UNIVERSITY OF PIRAEUS

DEPARTMENT OF BANKING AND FINANCIAL MANAGEMENT

GRADUATE STUDIES PROGRAM IN BANKING AND FINANCIAL MANAGEMENT

DISSERTATION

<< COMMODITY SUPER-CYCLES >>

GEKA STEFANIA – ALEXANDRA, MXPH 1511

SUPERVISOR: PITTIS NIKITAS, PhD

THREE-MEMBER COMMITTEE:

ANTHROPELOS MICHAIL, PhD

ANTZOULATOS AGGELLOS, PhD

PITTIS NIKITAS, PhD

PIRAEUS, JULY 2017

Abstract

Commodities have been treated as return boosters, and risk hedgers in portfolio management, especially after the 2007 crisis. The purpose of this research is to examine if and in what extent do commodities affect the portfolio's mean return and diversification benefits, as measured by the portfolio's standard deviation, Value at Risk and Sharpe ratio. For this purpose we constructed two – asset portfolios, containing a stock index and a bond index, and three-asset portfolios, containing a stock, a bond and a commodity index. We estimated the parameters in examination (mean return, standard deviation, Value at Risk and Sharpe ratio) of these portfolios with Monte Carlo simulations, for three different periods: (1) The whole period of our data, (2) the combined expansion periods (as noted by the National Bureau of Economic Research) and (3) the combined recession periods. We evaluate those results, to conclude on the commodities impact in portfolio optimization.

Acknowledgements

I would like to thank all the people who contributed in some way to the work described in this thesis. First and foremost, I thank my academic advisor, Professor Nikittas Pittis of Department of Banking and Financial Management at University of Pireaus. He allowed this paper to be my own work, but steered me in the right the direction whenever he thought I needed it.

Additionally, I would like to express my gratitude to Panagiotis Samartzis Ph.D. for the useful comments, remarks and engagement through the learning process of this master thesis.

Finally, I must express my very profound gratitude to my parents for providing me with unfailing support and continuous encouragement throughout my years of study.

Author

Stephanie – Alexandra Geka.

Table of Contents

Chapter 1

Business Cycles

1.1 Business cycle - Description

The *business cycle* (or *economic cycle*) refers to the continuous upward and downward movement of financial activities around their long-term growth trend. A single business cycle contains a single boom and a single contraction in sequence. The duration of the cycle depends on the duration of the growth/expansion period and the duration of the recession/contraction period.

Business cycles have been defined as "*recurrent sequences of alternating phases of expansion and contraction that involve a great number of diverse economic processes and show up as distinct fluctuations in comprehensive series on production, employment, income and trade – aspects of aggregate activity. The end of each expansion is marked by a cluster of peaks in such series; the end of each contraction, by a cluster of troughs*."

In finance, recession is usually defined approximately as at least two continuous quarters of productivity reduction. The National Bureau of Economic Research (NBER) gives another definition of recession:

"*A recession is a significant decline in economic activity spread across the economy, lasting more than a few months, normally visible in real GDP, real income, employment, industrial production, and wholesale-retail sales. A recession begins just after the economy reaches a peak of activity and ends as the economy reaches its trough. Between trough and peak, the economy is in expansion. Expansion is the*

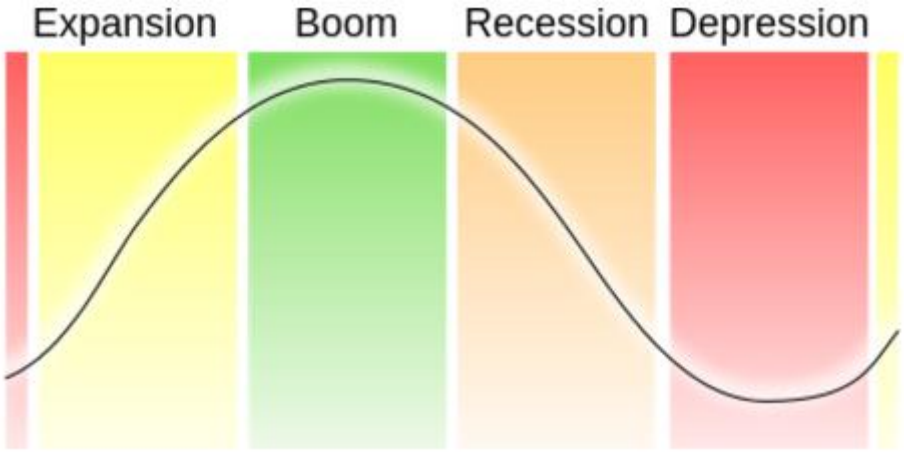
normal state of the economy; most recessions are brief and they have been rare in recent decades."

During both recessions and expansions, it is possible for brief movement reversals to occur. An expansion may include a short period of declining productivity to be followed by further expansion. Likewise a recession may include a short period of decreasing productivity to be followed by further decline.

1.2 Phases of a typical business cycle

A typical business cycle is consisted by 4 phases which are presented in the graph below:

Table 1.1: Phases of a business cycle (Source: Wikipedia)



a. The phase of expansion is characterized by increased returns and prices as well as low interest rates. The conditions during the beginning of the expansion period include: considerable unemployment, accumulated shortage of goods, increasing liquidation of debts. Construction industry is on the rise, the volume of general business increases and the prospect of rising markets stimulates further buying.
b. The cycle's first turning point is the phase of boom/peak which corresponds to the maximum volume of production, before the recession starts. This phase is characterized by low unemployment rates, and high wages. The cost of doing business increases. Prices increase but not enough to maintain profit margins. Construction industry starts to fall off.

c. The phase of recession is characterized by profits reduction. The volume of business decreases. Goods prices necessarily decline and unemployment rates rise rapidly.
d. The cycle's second turning point is the phase of depression which corresponds to the minimum of the production's volume. It is characterized by the decreased cost of doing business. Prices further decline and the cost of construction decline.

1.3 Occurrence of business cycles.

The 19th century was characterized by great increases in productivity, industrial production and real per capita product. Those increases were followed by the Long Depression and two other recessions. Significant production increases have occurred right before the Great Depression. Both the depressions were characterized by overcapacity and market saturation.

Since the 19th century until the beginning of the 20th century many crises erupted both in Europe and America, specifically between the years 1815–1939. This period started after the Napoleonic wars ending in 1815, which was immediately followed by the Post-Napoleonic depression in the United Kingdom (1815–30). The crises peaked in the Great Depression of 1929–39, which led into World War II. After World War 2, most business cycles have been restrained, especially during the periods of the Golden Age of Capitalism (1945-1970s). In the years after WW2, until late 2000's, the stabilization policy used by OECD countries, using fiscal and monetary policy, have reduced the occurrences of the recession and depression phases of the business cycles.

1.4 Business cycles classification by duration

Economy theorists have identified cycles and classified them in four categories, based on their duration:

a. The Kitchin inventory cycle which lasts from 3 to 5 years (named after Joseph Kitchin)

b. The Juglar fixed-investment cycle which lasts from 7 to 11 years. This cycle is the most common and the one referred to as "the" business cycle)
c. The Kuznets infrastructural investment cycle which lasts from 15 to 25 years (named after Simon Kuznets – also called "building cycle")
d. The Kondratiev wave - or long technological cycle – which lasts from 45 to 60 years (named after Nikolai Kondratiev).

1.5 Identifying business cycles

In the United States, the National Bureau of Economic Research (NBER) is a research organisation responsible for providing the start and end dates of recessions. The NBER unlike most media, uses a broader definition of recession.. A definition of a recession commonly used in the media is two consecutive quarters of a shrinking production. NBER's definition of recession is "*a significant decline in economic activity spread across the economy, lasting more than a few months, normally visible in real GDP, real income, employment, industrial production, and wholesale-retail sale.*". Business cycle dates are determined by the NBER dating committee under contract with the Department of Commerce. The dates given by NBER correspond to peaks and troughs in real GDP.

There are numerous reasons of why NBER prefers this method of identifying recessions. First, it is believed that considering a broader range of economic factors, rather than just GDP, provides a more accurate look at the health of an economy. NBER takes into account not only GDP estimates, but also other variables such as the gross domestic income (GDI). Second, NBER goal is to identify the start and end date of a recession. Quarterly data provide a more vague assessment on the cycles turning points. In order to achieve their goal, NBER is mostly using monthly indicators. Finally, the broader definition of recession allows NBER to consider in their estimations the depth of decline in economic activity. For example, NBER may not declare a recession simply because of two quarters of very slight negative growth, but it will be declared as an economic stagnation, within a expansion period.

Another factor that supports NBER's choice of recession definition is that a long lasting contraction may not always have two consecutive quarters of negative

expansion. In the recession following the dot-com bubble, there was a repeated occurrence of negative growth quarter, followed by a quarter of slightly positive growth quarter. That period fails to be identified as a recession with the common definition, but the effects of a recession were evident and at large.

1.6 The National Bureau of Economic Research Business Cycle dates

NBER's last announcement of an economic cycle took place in September 2010. The latest peaks and troughs of a business cycle in the United States of America are presented in the following table.

Turning Point Date	Peak or Trough	Announcement Date
June 2009	Trough	September 20, 2010
December 2007	Peak	December 1, 2008
November 2001	Trough	July 17, 2003
March 2001	Peak	November 26, 2001
March 1991	Trough	December 22, 1992
July 1990	Peak	April 25, 1991
November 1982	Trough	July 8, 1983
July 1981	Peak	January 6, 1982
July 1980	Trough	July 8, 1981
January 1980	Peak	June 3, 1980

A more detailed view of the business cycles is presented in Table 1 in the Appendix.

Chapter 2

Commodities as an investment

Commodities have been treated as return-boosters and risk-hedgers in stock-and-bond portfolios, especially after the 2007 crisis. This is due to the usually negative correlation between stock and commodity returns. Commodities have proved to be a popular choice to include in portfolios since strategic asset allocation requires asset combinations with low correlations.

Most popular options to invest in commodities are:

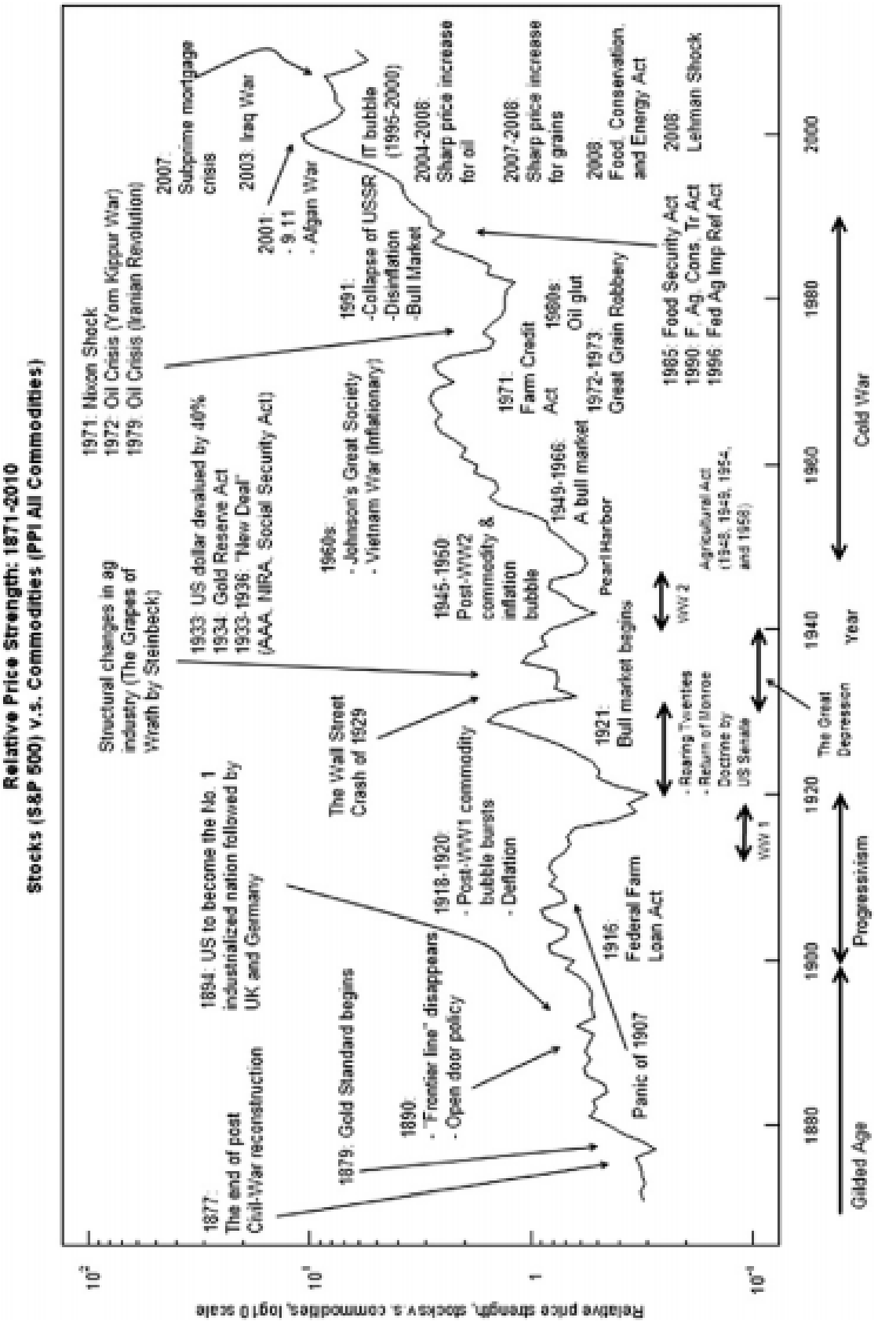
- direct investing in physical commodities
- investing in commodity based stock
- investing in commodity futures

Other means to invest in commodities include Exchange-Traded Notes, Exchange-Traded Funds (ETF's), Mutual Funds. Swaps, and Structured Notes.

2.1 Historical performance of commodities vs stocks and bonds.

The notion that commodities are negatively correlated to stocks has been firstly observed by Bannister and Forward (2002) who used the historical data of the indices S&P 500 and Producer Price Index (PPI) from 1871 to 2010. The two indices have had an overall negative correlation of -0.71 for the whole time range. In many important periods it has been observed that the relative price strength ratio – which consists of the S&P 500 Composite Index to the PPI – is on the rise when the stock prices are higher than the commodity prices and vice versa.

Figure 2.1: Historical relations between stocks and commodity prices (Source: Zapata, Detre and Hanabuchi, 2012, as adapted from Bannister and Forward, 2002)



Commodity markets tend to be bullish when stock markets crash. Commodity and stocks take the lead in prices in return every 15-20 years. There have been approximately 6 periods where the commodities prices are higher than the stock prices:

- 1906 – 1923
- 1929 – 1949
- 1950 – 1965
- 1966 – 1982
- 1982 – 2000
- 2000 – 2016/18 (prediction)

The first 2 commodity booms are associated with the market and stock crashes of the years 1907 and 1929 respectively.

Figure 2.1 shows with more detail the relationship between stock vs. commodities with regard to the political and financial circumstances of the respective period.

2.2 Structural change in commodity markets

For the most part of the 20th century, the structure of commodity markets have remained the same. Usually commodities trading volumes were low, especially when compared to other asset classes trading volumes. Since the beginning of the 21st century, many significant changes have occurred. Irwin and Sanders state that the changes in commodity market is not only a result of the increase of demand in commodities, but also a result of the new participants in the commodity markets, and of the changes in trading platforms of commodities.

Until early 2000's commodity trading was taking place via telephone orders or open outcry orders, in stock or futures exchange trading floors. Since 2003 the trading means of commodities have shifted to electronic and computer based platforms. The shift, made commodities accessible to more investors and reduced rapidly the exchanges costs. Thus commodities became an easier choice to invest to.

The easier access to commodity trading resulted in the increase of interest for commodities. Pension funds and financial institutions raised the investment flows on commodities, a process known as financialization of the commodity markets. According to the Commodity Futures Trading Commission (CFTC) during the first decade of the century the cash flows in commodity market was over 200 billion dollars, making commodities a similarly popular asset class to stocks and bonds.

The financialization of the commodity market along with increasing demand of commodities resulted in the rise of their trading volumes. The following figures 2.2 and 2.3 show the increase of the trading volumes through the first decade of the 2000's of soybeans, wheat, live cattle and lean hogs:

Figure 2.2: Trading volumes of Soybeans and Wheat since 2000 until 2011

(Source: Irwin and Sanders – 2012)

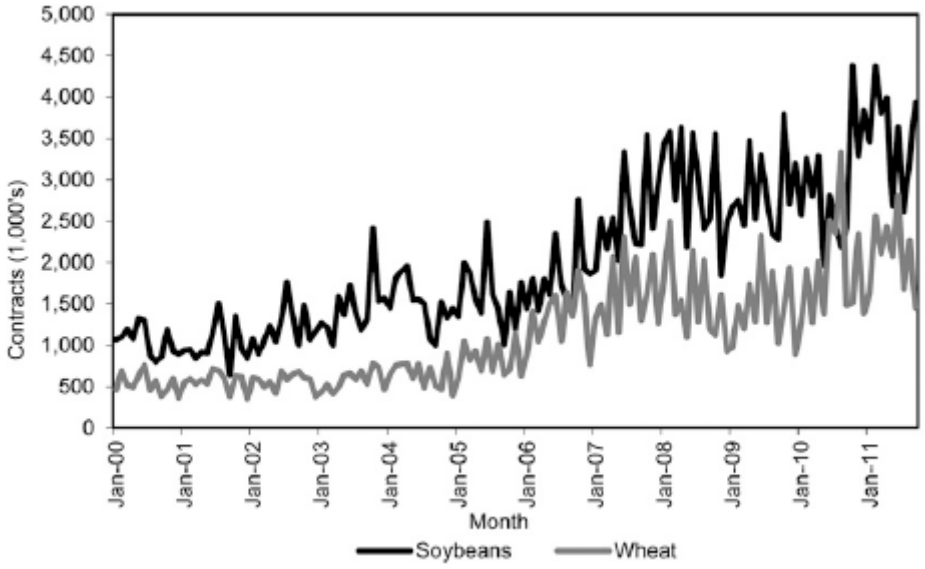
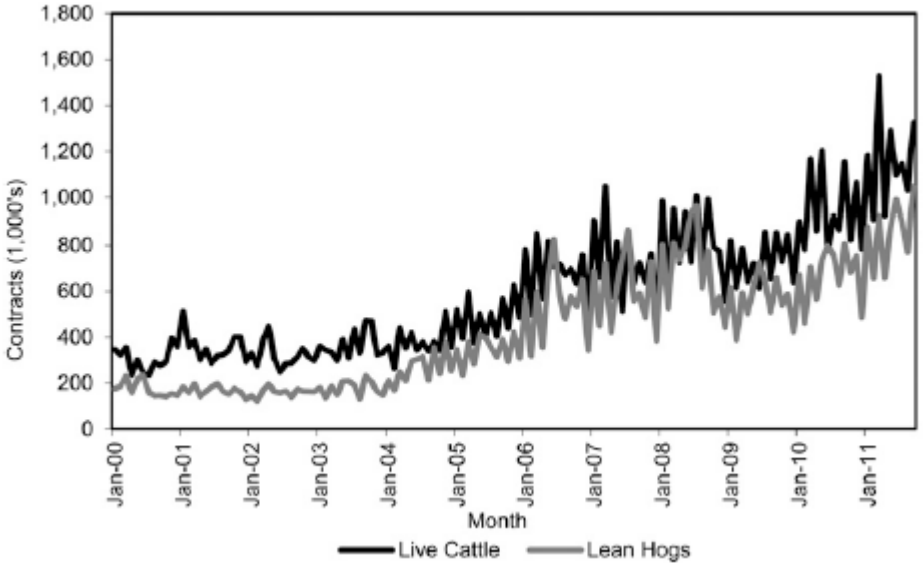


Figure 2.3: Trading volumes of Live Cattle and Lean Hogs since 2000 until 2011

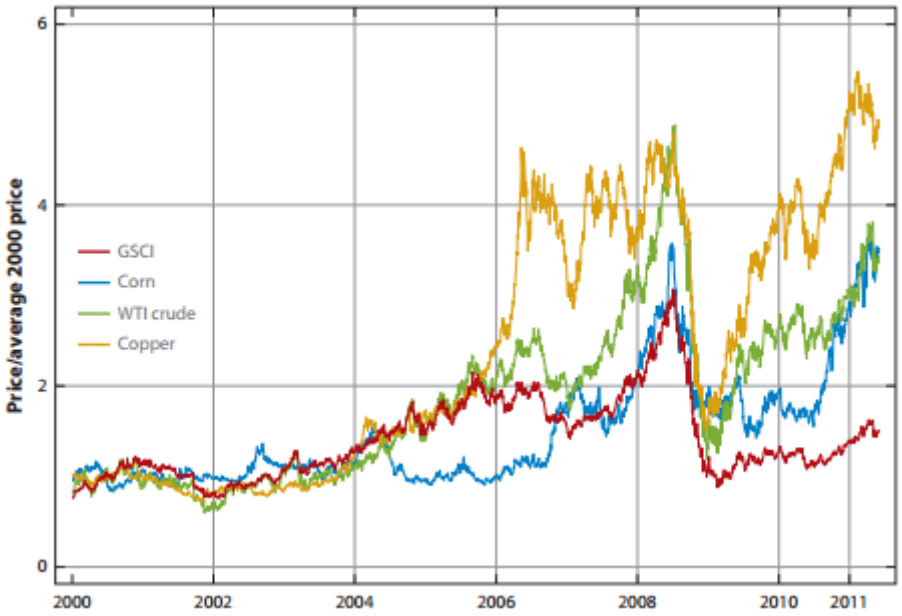
(Source: Irwin and Sanders – 2012)



Increasing trading volumes aided in the increase of the commodity prices. Cheng and Xiong presented this increase in the prices of corn, crude oil and copper normalized to the average price in 2000, as seen in figure 2.4:

Figure 2.3: Commodity prices of corn, crude oil and copper normalized to the average 2000 price.

(Source: Cheng and Xiong – 2014)



2.3 Commodity prices super cycles.

Long-term economic trends in the prices of commodities have been evident since the 19th century. The first effort to formulize the movements of prices of different asset classes was done by Kondratiev in 1920's. According to Kondratiev several asset prices such as commodities, interest rates, and industrial production display a similar cycle – like movement, expanding for 40 to 60 years. Those movements were named and became known as Kondratiev cycles, or Super-Cycles.

In the later years, research was focused on explaining the endogenous factors that explain the super – cycles. Exogenous factors, such as wars, have been rejected to explain the prices cycle movements. Prices were linked to periods during which innovations flourished (prosperity periods), and periods during which innovations were declining (stagnation periods). Schumpeter in 1939 claimed that during prosperity periods, commodity prices are on the rise. When innovations are imitated, and become cheaper, then commodity prices decline. Schumpeter also claimed that the volatility of every gradual cycle should decline, because of the cheaper productivity opportunities created by each innovation phase. Schumpeter identified three long periods as super cycles:

1. The period of the first industrial revolution (1786 – 1842).
2. The period of "railroadization" (1842 – 1897) during which there was a high demand in coal, industrial metals and clothing.
3. The period of "electrification" during which was boosted by the innovations in electricity, automobiles and chemistry.

Identifying super-cycles in the most recent years is a difficult issue to deal with, since it requires a long span of data. Filtering techniques have been developed to handle this issue, known as Band-Pass filters, which transform a time series, into cyclical elements. Many studies have been focused on identifying super-cycles using filters. Erten and Ocampo used such filters and identified super cycles during the 20th century. What is interesting, is that according to their study most commodity prices are into an ongoing super cycle since the late 20th century. More specifically their results are shown in the tables below:

Table 2.1: Descriptive Statistics of Super Cycles in Commodity Prices

(Source: Erten and Ocampo, 2012)

Total non-oil commodity prices				
	1894-1932	1932-1971	1971-1999	1999-ongoing
Peak year	1917	1951	1973	2010
Percent rise in prices during upswing	50.2%	72.0%	38.9%	81.3%
Percent fall in pricesduring downswing	-54.6%	-43.3%	-52.5%	-
Length of the cycle (years)	38	39	28	-
Upswing	23	19	2	11
Downswing	15	20	26	-
Mean (of the full cycle)	157.3	119.4	86.2	82.2
Standard deviation	24.8	15.6	18.8	17.0
Coefficient of variation	15.8	13.1	21.8	20.8
Skewedness	-0.7	0.9	0.6	0.5
Kurtosis	3.6	4.0	2.6	1.6
Metal prices				
	1885-1921	1921-1945	1945-1999	1999-ongoing
Peak year	1916	1929	1956	2007
Percent rise in prices during upswing	105.7%	66.6%	98.0%	202.4%
Percent fall in prices during downswing	-70.2%	-51.9%	-47.4%	-
Length of the cycle (years)	36	24	54	-
Upswing	31	8	11	8
Downswing	5	16	43	-
Mean (of the full cycle)	151.6	95.7	85.2	109.3
Standard deviation	35.7	16.3	14.6	45.9
Coefficient of variation	23.5	17.1	17.2	43.7
Skewedness	0.5	-0.8	-0.3	0.4
Kurtosis	3.4	3.0	2.3	1.4
Total agricultural prices				
	1894-1932	1932-1971	1971-1999	1999-ongoing
Peak year	1917	1951	1973	2010
Percent rise in prices during upswing	52.8%	90.3%	52.0%	76.6%
Percent fall in prices during downswing	-56.2%	-49.6%	-56.0%	-
Length of the cycle (years)	38	39	28	-
Upswing	23	19	2	11
Downswing	15	20	26	-
Mean (of the full cycle)	163.2	127.0	87.5	74.3
Standard deviation	26.6	19.5	20.5	11.6

Table 2.2: Descriptive Statistics of Super Cycles in Commodity Prices cont'

(Source: Erten and Ocampo, 2012)

Coefficient of variation	16.3	15.3	23.5	15.7
Skewedness	-0.6	0.7	0.8	0.7
Kurtosis	3.5	3.8	3.1	2.2
Tropical agricultural prices				
	1891-1933	1933-1972	1972-1999	1999-ongoing
Peak year	1910	1951	1977	2010
Percent rise in prices during upswing	54.5%	116.6%	74.3%	85.4%
Percent fall in prices during downswing	-72.8%	-50.9%	-65.2%	-
Length of the cycle (years)	42	39	27	-
Upswing	19	18	5	11
Downswing	23	21	22	-
Mean (of the full cycle)	170.6	106.7	74.8	56.8
Standard deviation	49.8	19.6	25.4	12.8
Coefficient of variation	29.2	18.4	33.9	23.7
Skewedness	-0.4	0.7	0.6	0.6
Kurtosis	2.5	3.2	2.6	1.9
Non-tropical agricultural prices				
	1894-1932	1932-1971	1971-1999	1999-ongoing
Peak year	1917	1951	1973	2010
Percent rise in prices during upswing	119.8%	81.7%	66.1%	90.7%
Percent fall in prices during downswing	-57.4%	-49.5%	-58.0%	-
Length of the cycle (years)	38	39	28	-
Upswing	23	19	2	11
Downswing	15	20	26	-
Mean (of the full cycle)	156.8	138.0	93.8	86.5
Standard deviation	31.6	23.3	20.5	11.6
Coefficient of variation	20.2	16.9	21.8	13.8
Skewedness	0.8	0.6	1.5	0.5
Kurtosis	3.6	3.1	5.8	2.3
Crude oil prices				
	1892-1947	1947-1973	1973-1998	1998-ongoing
Peak year	1920	1958	1980	2008
Percent rise in prices during upswing	402.8%	27.4%	363.2%	466.5%
Percent fall in prices during downswing	-65.2%	-23.1%	-60.9%	-
Length of the cycle (years)	55	26	25	-
Upswing	28	11	7	10
Downswing	27	15	18	-
Mean (of the full cycle)	36.9	24.8	53.2	91.2
Standard deviation	3.9	0.7	8.5	16.4
Coefficient of variation	27.9	7.5	42.0	47.4
Skewedness	0.0	-0.3	0.8	0.3
Kurtosis	3.0	2.2	2.4	1.9

By examining commodities prices during the NBER cycles, noted in the previous section, we observe that commodities during expansion periods provide an average return equal to 0.671%. During recession periods, commodities provide an average return equal to -0.356%.

The following tables present the average return of commodities (as examined by the SPGSCI Index) during every expansion period and every recession period of our data:

Table 2.3: Average SPGSCITR Return during every expansion period

EXPANSION	Average Return
Feb 1977 - Dec 1979	2.032%
Aug 1980 - Jun 1981	-1.373%
Dec 1982 - Jun 1990	1.182%
Apr 1991 - Feb 2001	0.539%
Dec 2001 - Nov 2007	1.455%
Jul 2009 - Apr 2017	-0.526%

Table 2.4: Average SPGSCITR Return during every recession period

RECESSION	Average Return
Jan 1980 - Jul 1980	1.612%
Jul 1981 - Nov 1982	0.240%
Jul 1990 - Mar 1991	3.219%
Mar 2001 - Nov 2001	-3.201%
Dec 2007 - Jun 2009	-1.960%

Chapter 3

Diversification Benefits

3.1 Diversification benefits of commodities.

The diversification benefits of commodities in portfolio management mostly derive from the notion that commodity returns present low correlation with classic asset classes returns, such as stocks and bonds, as explained above.

This low correlation is due to the higher volatility of the commodity prices. Commodity prices, unlike stock and bond prices, depend on a set of factors, such as:

- Weather conditions: Commodity prices are subject to the weather conditions during the time of their production. Especially agricultural commodities are very dependent on the weather conditions. Draughts may result in the decline of agricultural production. Heavy rainfall may result in the destruction of the agricultural products. Agricultural products show high volatility during harvests with extreme weather. Energy commodity prices are also subject to weather conditions. Electricity consumption rises during summer seasons, and especially during heatwaves, whereas oil consumption rises during winters. Natural gas prices spike during severe winters. Metals are the only commodities which do not depend on the weather.
- Geopolitical conditions: Commodity prices depend on the geopolitical conditions in their respective country of origin. Middle East ongoing crisis has affected the price of crude oil. Militant insurgences and violence escalation increase hugely the crude oil prices. Ukraine crisis has a major impact on the price of natural gas.

Political tensions between Russia and the European Union, over Ukraine affects metals, energy and agricultural products prices, since Ukraine is a major exporter of wheat and corn, and Russia is the main supplier of the EU for natural gas, and metals like palladium and platinum.

- Supply conditions: Like every product, commodity's price is determined by the supply and demand for it. However in commodities, the supply is affected by numerous factors like the weather, as mentioned above, the storage costs and the technology.

3.2 Literature Review

Previous literature has provided some insight on the diversification benefits of commodities. Daskalaki (2016) has concluded that commodities offer diversification benefits because of the different predictors between the stock and bond market returns and the commodity market returns. Thus commodity market is a completely differently segmented market than the traditional assets.

Abanomey (1999) argues that commodity futures advocate the reducing of portfolios risks. This is due the commodities returns low correlation with the stock and bond returns, even though commodities by themselves are exposed more in risk factors. Abanomey also suggests that commodities offer hedge opportunities against inflation.

Bansal, Kumar and Verma (2014) conclude that commodity futures present higher returns in comparison with stock, as well as lower risk exposure. For this reason commodities may be preferred by risk-averse investors, even as a standalone investment. The mix of traditional asset classes with commodities increases the mean return of the portfolio because of the low correlations of commodity returns with stock and bond returns. The paper suggests that composite commodity indices maximize the portfolio's utility for risk-averse investors.

Gorton and Rouwenhorst (2006) remarked that commodities create similar to equity returns, by examining an equally weighted commodity futures index. They concluded that with the particular index, the excess return when compared to bond returns, is almost 5% per year. Also they concluded that the commodity's contribution to

minimizing a traditionally allocated portfolio's risk exposure (as measured by standard deviation) is beneficial.

Similar results have been presented by Cheung and Miu (2010) who addressed the issue of the existence of the commodities diversification benefits and their respective statistical significance. They concluded that the potential diversification benefits of commodities are derived by the non-regular outbursts of the commodity markets. However those benefits are not enough, when the commodity market is bearish.

Finally, Belousova and Dorfleitner (2012) investigate the diverfisication benefits of commodities for euro investors. They suggest that agricultural products, livestock and industrial metals help into reducing the portfolio's risk, and they are proposed as potential portfolio components for risk-averse investors. They also pointed out the differences of the commodities impact on the diversification benefits, when the stock market is bullish or bearish.

3.3 Quantifying the diversification benefits

The most common way to diversify a portfolio is to combine multiple asset classes. Different asset classes are more probable to provide opposite returns and thus reduce the risk of the portfolio.

However the diversification benefits of an asset is not a measurable concept, but an intuitive concept. The diversification benefits depend on the independence of the asset classes combined. So the following step to measure the diversification benefits of a portfolio is to check the independency of the combined asset classes.

To achieve that, we will use 2 measures:

- The variance of the portfolio
- The Value at Risk (VaR) of the portfolio.
- The Sharpe ratio of the portfolio.

3.3.1 The variance of the portfolio

The variance of the portfolio is the most common statistic tool to calculate the volatility of the portfolio, one of the main risk indicators. The variance of the portfolio P is calculated as the weighted sum of the variances of the asset returns in the case where the weights are constant.

3.3.2 Value at Risk

Another means of measuring the diversification benefits of the portfolio is Value at Risk (VaR). VaR is an attempt to assess the overall risk of a portfolio and be expressed in monetary terms as a single number, given the market conditions are normal. VaR is a snapshot of market risk and includes two very important features:

(a) the possibility of expressing how likely are losses to be greater than a given amount and

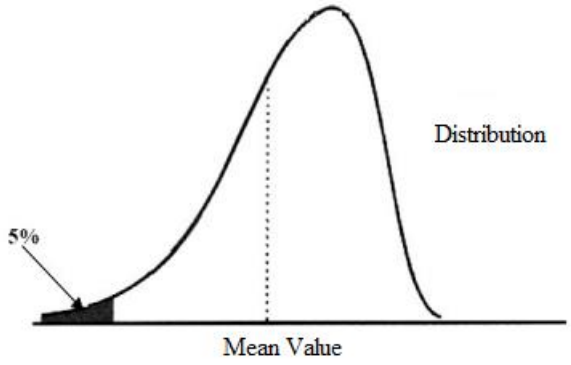
(b) measures the risk on currency units, which measures the amount which would be lost in a given period, which depends on the period which the portfolio remains stable.

It provides a simple answer to the following question:

What is the maximum loss in a given period ***t*** *that the likelihood of even greater damage is small.*

More specifically if ***c*** is the selected confidence interval, the VaR refers to ***1-c*** confidence interval, on the left tail of the distribution. For example, with c=95% confidence interval of the VaR must be such, as not to exceed 5% of total number of observations in the distribution:

Figure 3.1: Value at Risk graph representation



Unlike traditional risk measurement methods, such as the variance of the portfolio, VaR provides a comprehensive picture of the risk of a portfolio, which takes into account the leverage, the various correlations and the current position of the portfolio. Leverage and correlations are very important factors for the measurement of VaR in portfolios with long positions in financial derivatives. Therefore, VaR is a method that predicts potential future risks with very high precision. Meanwhile, the VaR methodology can be widely used for measure and other forms of risk.

Calculating Value at Risk

There are three methods to calculate the Value at Risk of a portfolio:

a. Variance / Covariance method
b. Historical simulation method
c. Monte Carlo simulation method

All VaR methods have similar assumptions but then differentiate on how they determine Value at Risk (VaR). All methods also make the same assumption: The future will follow the past. This issue is dealt with by implementing in the VaR results either sensitivity analysis or stress testing. All methods follow the same five-step procedure:

1. Identification of positions for Value at Risk
2. Identification of risk factors affecting valuation of positions.
3. Assignment of probabilities (or statistical distribution) to possible risk factors values.

4. Creation of pricing functions for positions as a function of values of risk factors.
5. Calculation of Value at Risk (VaR)

Variance Covariance method for Value at Risk

An underlying assumption of this method is that the returns follow a normal distribution. The accuracy of the results depends on how valid this assumption is. The standard deviation of the returns is calculated, based on their distribution. The VaR is simply calculated as a result of a function depending on the standard deviation and the confidence level. More specifically the method calculates the standard deviation and correlation for the risk factor. Those values are then used to calculate the standard deviations and correlation for the changes in the value of the assets included in the portfolio. The results are then used to estimate the portfolio's standard deviation. The VaR is calculated for a specific confidence interval by multiplying the standard deviation by the appropriate normal distribution factor.

Historical Simulation Method for Value at Risk

The historical simulation makes less assumptions than the variance-covariance method. It is a non-parametric method to estimate the VaR of the portfolio since there is no assumption about the data's underlying distribution. With this method the historical changes in the asset prices (for the previous 100 periods) are applied to the current prices, to create a hypothetical data set. The hypothetical data set is categorized by the size of gains and losses. The VaR is the value that is exceeded a certain proportion of times (like 1%, 5%, 10%). This method is primary based in the notion that past prices levels will behave simirarly in the future.

Monte Carlo Simulation for calculating Value at Risk.

This method is like historical simulation but with a major difference. The hypothetical data set is generated by a statistical distribution instead of the historical price levels

movements. The underlying assumption with this method is that the statistical distribution mimics reasonably closely the real distribution of the data.

3.3.3 The Sharpe ratio of the portfolio.

The Sharpe Ratio of a portfolio is a risk – adjusted measure of the portfolio's return, developed by Nobel laureate William F. Sharpe. The Sharpe ratio shows the average return of a portfolio, in excess of the risk-free rate, per unit of volatility or total risk. The risk-free rate is subtracted buy the portfolio's mean return in order to isolate the contribution of investments that are exposed to risk. The Sharpe ratio of a portfolio that engages in investments with no risk, is equal to 0. The less volatility a portfolio engages in, and the greater excessive return over the risk-free rate, the greater the value of the Sharpe ratio gets. Sharpe ratio (SR) is given by the following formula:

$$SR = \frac{R_P - r_f}{\sigma_p}$$

where R_P is the portfolio's mean return, r_f is the risk-free rate, such as a 10 year bond yield, and σ_p the portfolio's standard deviation.

Chapter 4

Monte Carlo Simulation

4.1 Monte Carlo Method

Monte Carlo method is a computational algorithm that is based on random sampling. Its main objective is to mimic nature's randomness in order to produce as more realistic results as possible.

Monte Carlo primarily uses random numbers in scientific computing in order to produce random objects or processes. The random sampling is derived from a certain probability distribution. The experiment is repeated as many times as possible in order to obtain many quantities of interest, such as the mean of the outputs. The goal is to arithmetically compute the average values of random variables produced by the Monte Carlo simulations.

The Monte Carlo Method is used for a variability of purposes such as:

- Sampling: The goal is to produce many real-life behavior mimicking results.
- Estimation: Monte Carlo Method may be used to estimate some parameters of the random variables in examination.
- Optimization: The objective in this case is the optimization of objective functions.

4.2 A brief history of the method

Statistical sampling methods first appeared in the late 18th century but had not been popular due to the large amount and the difficulty of the calculations they needed. An early version of the Monte Carlo method was developed for the "Buffon's needle problem". For this problem a large number of needles were dropped on the equally striped floor, in order to compute the probability of a needle falling inside the lines of a strip on the floor. In the 1930's nuclear physicist and nuclear reactor inventor, Enrico Fermi, experimented with early variations of the Monte Carlo methods. None of his work on these works were published.

It can be claimed that the beginning of the Monte Carlo methods coincides with the beginning of computation itself. Computer science development made statistical sampling methods much more appealing and easier to use. The modern Monte Carlo method was invented by Stanislaw Ulam in the late 1940's. Ulam, who had been working on nuclear weapons projects, collaborated with John von Neumann, a mathematician, primarily involved in the development of ENIAC, one of the earliest general-purposed computers.

The method's inspiration according to Ulam is as follows:

"*The first thoughts and attempts I made to practice [the Monte Carlo Method] were suggested by a question which occurred to me in 1946 as I was convalescing from an illness and playing solitaires. The question was what are the chances that a Canfield solitaire laid out with 52 cards will come out successfully? After spending a lot of time trying to estimate them by pure combinatorial calculations, I wondered whether a more practical method than "abstract thinking" might not be to lay it out say one hundred times and simply observe and count the number of successful plays. This was already possible to envisage with the beginning of the new era of fast computers, and I immediately thought of problems of neutron diffusion and other questions of mathematical physics, and more generally how to change processes described by certain differential equations into an equivalent form interpretable as a succession of random operations. Later [in 1946], I described the idea to John von Neumann, and we began to plan actual calculations.*"

The Von Neumann's and Ulam's projects remained secret under the code name "Monte Carlo". The name was given by Ulam because of his uncle who frequently borrowed money from relatives to visit the Monte Carlo Casino and gamble. The name Monte Carlo, remained as the method's permanent name.

In order to produce the needed random numbers, von Neumann used and algorithm called "Middle-square method". In practice it had proved it is not a good method to produce pseudorandom numbers.

Monte Carlo variations have been used broadly in numerous nuclear projects, such as the Manhattan project. In the period 1950-2000 Monte Carlo simulations have been developed according to the field of study they are applied.

4.3 Reasons of the Monte Carlo Method popularity.

The Method Carlo method has proved to be a very popular method for a variety of experiments. It's popularity is based on:

- The method's efficiency: Monte Carlo simplifies complex models. A complex model is reduced to be a set of simple interactions and thus the computation time is reduced drastically and the results efficiency are maximized.
- The method's randomness: The Monte Carlo simulations are based on random parameters which tend to mimic real-life situations.
- Theoretical justification: All results may be examined for their statistical significance.

4.4 Applications of the Monte Carlo Method.

Monte Carlo method's simplicity and efficiency have made the method applicable in a variety of scientific fields such as:

- Industrial Engineering: Monte Carlo is important in the development of models used in fields such as geostatistics, wind energy analysis, autonomous robotics, telecommunications, signal processing, etc.

- Physical Sciences: Monte Carlo is used in many fields of Physical sciences. It is an alternative of computational molecular dynamics, or it can be used in quantum physics. In astrophysics, Monte Carlo has helped in the understanding of the galaxies evolution.
- Climate change research: Monte Carlo models are used to investigate the climate change graduation and impacts.
- Computational biology: Monte Carlo is used to study biological systems such as genome and proteins. It is also used to investigate the behavior of certain organisms populations.
- Computer Graphics: Monte Carlo methods are used in the optimization of 3D graphics.
- Applied Statistics: In applied statistics, Monte Carlo is mostly used to provide statistics for small samples of data under realistic conditions.
- Law: Monte Carlo approaches have been used to evaluate the potential outcome of certain programs whose goal is to eliminate social disorders.
- Artificial intelligence: Artificial intelligence uses Monte Carlo methods in order to find the best option among a certain set of decisions.
- Economics and Finance: Monte Carlo has a broad range of applications in finance. Some applications include investment projects evaluation, option pricing and risk analysis.

4.5 Monte Carlo Simulations Methodology

Before explaining the Monte Carlo Simulations methodology, we need to define the difference between the Monte Carlo method, and the Monte Carlo Simulations.

Simulation: Simulation is called the imitation of a procedure or a process. A simulation example is choosing a random number between [0,1] to simulate the toss of a coin. If the number chosen is less than 0.5 then the coin toss outcome is HEADS. Else if the number chosen in equal or greater than 0.5 then the coin toss outcome is TAILS.

Monte Carlo Method: is a means of approximating statistically the behavior of a certain function. An example of Monte Carlo is the following: Throwing multiple of coins to determine the ratio HEADS vs. TAILS instead of repeating the coin toss multiple times.

Monte Carlo Simulation: Monte Carlo simulation primarily uses random numbers in scientific computing in order to produce random objects or processes. The Monte Carlo simulation can be explained with the following experiment: Choosing multiple pseudo random numbers from the interval [0,1] and assigning the result HEADS if the number is less or equal to 0.5 and the result TAILS if the result is greater the 0.5.

In many applications it is not necessary for the numbers to be entirely random, rather than "random enough". The random sampling is derived from a certain probability distribution. To generate those numbers, pseudorandom number generators (PRNG) are used. PRNG's are algorithms whose purpose is to generate numbers that approximate randomness. The sequences generated are not truly random, since the numbers produces are based on a small set of initial values – the PRNG's seed. However such pseudorandom numbers are accepted as genuinely random since they agree with the following properties:

(i) The PRNG mechanism produces a sequence of numbers A_1, A_2,… which are uniformly distributed between 0 and 1 (or another specified interval)

(ii) The A_i numbers are mutually independent.

In order for the simulation to be trustworthy, the sampling has to present the following characteristics:

- The number generator has to have some characteristics such as long periods before the sequence is repeated.
- The values produced by the number generator ought to pass the randomness tests.
- The samples created must be enough in order to produce more accurate results.
- The sampling technique used must be solid.
- The algorithm used for the simulation must be accurate.
- The results must simulate the examined event.

The experiment is repeated as many times as possible in order to obtain many quantities of interest. The goal is to arithmetically compute the average values of random variables produced by the Monte Carlo simulations.

Measure Mathematics associates the probability of an incident to the relation of the volume of the incident's occurrence and the volume of all the possible outcomes. Monte Carlo does the opposite. It estimates the volume of the incident's occurrence – by using random variables – in order to derive the probability of the event. To ensure the estimation's validity, the Strong Law of Large Numbers is needed:

Strong Law of Large Numbers

Let $X_1, X_2, \dots X_n$ be a set of independent and identically distributed random variables. According to the Strong Law of Large Numbers

$$\overline{X_n} = \frac{X_1 + X_2 + \cdots + X_n}{n} = \frac{1}{n}\sum_{i=1}^{n} X_i \to E[X_1]$$

The Strong Law of Large Numbers ensures that the estimation converges to the real value as the number of iterations is increased.

The Central Limit Theory provides insight about the importance of the error between the estimation and the real value we need to estimate, when the number of iterations is finite.

Central Limit Theorem

Let $X_1, X_2, \dots X_n$ be a set of independent and identically distributed random variables. Then:

$$\sqrt{n} * (\overline{X_n} - \mu) \to N(0,1)$$

The Central Limit Theorem presents the swings of the estimation's convergence around μ.

There are two methods that help reduce the Monte Carlo's variance. The first method is importance sampling, which is a technique for estimating properties of a certain distribution, while we have samples generated from a different distribution than the distribution of interest. The second method is the use of control variates. The idea of

control variates is based on using the approximation error of known quantities, to improve the approximation of unknown quantities.

Chapter 5

Data and Methodology Description

5.1 Data Description

This section depicts the data used for the Monte Carlo simulations. The monthly returns of 5 indices spanning from February 1977 to April 2017 are examined. More specifically we chose one stock index, one bond index and three commodity indices: one aggregate index, one for agricultural products and one for industrial metals. All indices are USA-based.

Data information

- **Stock Index: SPX**

  The Standard & Poor's 500 (S&P 500) is an American stock market index. It is based on the market capitalizations of 500 large companies having common stock listed on the NYSE or NASDAQ. The 500 companies included in the S&P 500 are selected by the S&P Index Committee, a team of analysts and economists at Standard & Poor's. The S&P 500 index is a market value weighted index and one of the common benchmarks for the U.S. stock market. The S&P 500 differs from other indices, such as the Dow Jones Industrial Average or the Nasdaq Composite index, because it follows a different weighting methodology. The S&P 500 is highly regarded as one of the most accurate indicators of the U.S economy. While the S&P 500 focuses on the large-cap sector of the market; it is considered representative of the market because it includes a significant portion of the total

value of the market. The National Bureau of Economic Research has classified common stocks as a leading indicator of business cycles.

The 10 companies with the largest market value, whose stock is included in the S&P 500 are the following:

COMPANY	SYMBOL
Apple Inc.	AAPL
Microsoft Corporation	MSFT
Amazon.com Inc.	AMZN
Johnson & Johnson	JNJ
Facebook Inc. Class A	FB
Exxon Mobil Corporation	XOM
Berkshire Hathaway Inc. Class B	BRK.B
JPMorgan Chase & Co.	JPM
Alphabet Inc. Class A	GOOGL
Alphabet Inc. Class C	GOOG

SPX's descriptive statistics for every period in examination are shown below:

SPX	1977-2017	Expansion	Recession
Mean	0.75%	0.91%	-0.38%
Median	1.02%	1.12%	-0.44%
Maximum	13.18%	13.18%	11.60%
Minimum	-21.76%	-21.76%	-16.94%
Standard deviation	4.27%	3.94%	5.93%

- **Bond Index: LBUSTRUU**

  "The Bloomberg Barclays US Aggregate Bond Index is a broad-based flagship benchmark that measures the investment grade, US dollar-denominated, fixed-rate taxable bond market. The index includes Treasuries, government-related and corporate securities, MBS (agency fixed-rate and hybrid ARM pass-throughs), ABS and CMBS (agency and non-agency)."

  LBUSTRUU's descriptive statistics for every period in examination are shown below:

LBUSTRUU	1977-2017	Expansion	Recession
Mean	0.61%	0.55%	1.03%
Median	0.60%	0.57%	0.73%
Maximum	11.34%	5.23%	11.34%
Minimum	-6.08%	-6.08%	-5.92%
Standard deviation	1.56%	1.29%	2.72%

- **Commodity Indices:**

1. SPGSCITR

The S&P GSCI, similar to the S&P 500 index, provides a benchmark for investment in the commodity markets and serves as a measure of commodity performance. The dual role of the SPGSCITR index is due to two factors. First the products-to-be-included are qualified based on their liquidity measures. Secondly the products weighting procedure, takes place with regard to the products global production levels. The S&P GSCI is a tradable index that is readily available to market participants of the Chicago Mercantile Exchange. The index was originally developed by Goldman Sachs. In 2007, ownership transferred to Standard & Poor's, who currently own and publish it. The index's highest exposure is on energy in contrast to other commodity price indices such as the Dow Jones-UBS Commodity Index. The index currently comprises 24 commodities from all commodity sectors – six energy products, five industrial metals, eight agricultural products, three livestock products and two precious metals. This wide range of products provides the S&P GSCI Index with high level of diversification, across subsectors and within each subsector. This diversity minimizes the consequences of events that affect each sector separately.

The components of the S&P GSCI and their respective weights, as of May 2008, are shown below:

ENERGY	78.65%	INDUSTRIAL METALS	6.12%	PRECIOUS METALS	1.81%	AGRICULTURE	10.42%	LIVESTOCK	3.01%
Crude Oil	40.73%	Aluminium	2.17%	Gold	1.58%	Wheat	2.75%	Live Cattle	1.70%
Brent Crude Oil	14.73%	Copper	2.64%	Silver	0.23%	Red Wheat	0.67%	Feeder Cattle	0.33%
Unleaded Gas	4.62%	Lead	0.28%			Corn	3.12%	Lean Hogs	0.98%
Heating Oil	5.59%	Nicel	0.60%			Soybeans	1.91%		
Gas Oil	4.53%	Zinc	0.85%			Cotton	0.93%		
Natural Gas	5.78%					Sugar	0.67%		
						Coffee	0.46%		
						Cocoa	0.19%		

The SPGCITR's descriptive statistics for every period are shown below:

SPGSCITR	1977-2017	Expansion	Recession
Mean	0.54%	0.67%	-0.36%
Median	0.59%	0.73%	-0.13%
Maximum	22.94%	16.89%	22.94%
Minimum	-28.20%	-14.41%	-28.20%
Standard deviation	5.58%	5.01%	8.45%

2. SPGSAGTR

The S&P GSCI Agricultural Index Total Return is a sub-index of the S&P GSCI which provides investors with a benchmark for investment performance in the agricultural commodities market. Currently, the S&P GSCI Agricultural Index includes listed futures contracts related to cocoa, coffee, corn, cotton, Kansas wheat, soybeans, sugar, and wheat.

The SPGAGTR's descriptive statistics for every period are shown below:

SPGSAGTR	1977-2017	Expansion	Recession
Mean	0.12%	0.26%	-0.84%
Median	-0.25%	-0.13%	-0.60%
Maximum	17.82%	17.82%	15.29%
Minimum	-18.97%	-18.97%	-17.33%
Standard deviation	5.26%	4.98%	6.83%

3. SPGSINTR

The S&P GSCI Industrial Metals Index Total Return is a sub-index of the S&P GSCI which provides investors with a benchmark for investment performance in the industrial metals commodities markets. Currently, the S&P GSCI Industrial Metals Index includes listed futures contracts related to aluminum, copper, lead, nickel, and zinc.

The SPGAGTR's descriptive statistics for every period are shown below:

SPGSINTR	1977-2017	Expansion	Recession
Mean	0.74%	0.97%	-0.87%
Median	0.45%	0.57%	-1.84%
Maximum	38.43%	38.43%	25.36%
Minimum	-28.22%	-24.48%	-28.22%
Standard deviation	6.81%	6.44%	8.81%

5.2 Methodology Description

The impact of commodities in the returns and the diversification benefits of commodities will be examined. This will be accomplished by estimating the mean return, the standard deviation, the Value at Risk and the Sharpe ratio of the portfolios.

Two – asset and three-asset portfolios were constructed, for three different periods. The 1977-2017 period, the combined expansion periods and the combined recession periods. The two-asset portfolios contain the equity index and the bond index returns. The three – asset portfolios contain the equity index, the bond index and one commodity index returns.

For each of these portfolios, we implemented the Monte Carlo Simulations, using MATLAB, to derive the measures in examination. Two MATLAB functions were used to implement the simulations, one for two assets, and one for three assets.

PseudoRandom Number Generator in MATLAB: For our purposes we used the MATLAB function rand which returns a random scalar drawn from the standard normal distribution. All numbers generated by the rand function are between the values 0 and 1. The pseudorandom numbers where then specified within the desired intervals for each portfolio..

In both functions, 1000 different portfolios were created, by changing the weights of the assets contributions. In the two-asset portfolio, both asset weights were between 0.45 and 0.55:

```
w = (0.55 - 0.45) * rand + 0.45
```

In the three-asset portfolio, the equity and bond weights were between 0.4 and 0.5, and the commodity's weight was between 0 and 0.2, as the result of 1-w1-w2.

```
w1 = (0.50 - 0.40) * rand + 0.40

w2 = (0.50 - 0.40) * rand + 0.40
```

For each of the 1000 portfolios, the mean return, the standard deviation, the Value at Risk and the Sharpe ratio were calculated. Finally the average of each of these measures was calculated as the derived results.

The MATLAB function which performs the Monte Carlo simulations for two-asset portfolios is the following:

```
function [ Data_mean, Data_st_dev, Data_VaR, sharpe_ratio ] =
PF_S_new( RET1, RET2, RF )

port_mean = zeros(1000,1);
port_stdev = zeros(1000,1);
port_VaR = zeros(1000,1);
port_sharpe = zeros(1000,1);
stock_weights = zeros(1000,1);
bond_weights = zeros(1000,1);

for i = 1:1000
    w = (0.55 - 0.45) * rand + 0.45;
    p = w * RET1 + (1 - w) * RET2;
    port_mean(i) = 100 * 12 * mean(p);
    port_stdev(i) = 100 * sqrt(12) * std(p);
    port_sharpe(i) = (port_mean(i) - 100 * 12 * mean(RF)) /
port_stdev(i);
    port_VaR(i) = portvrisk(port_mean(i) / 100, port_stdev(i) / 100,
0.05, 1000000);
end

Data_mean = mean(port_mean);
Data_st_dev = mean(port_stdev);
Data_VaR = mean(port_VaR);
sharpe_ratio = mean(port_sharpe);

end
```

The function takes as input the arrays containing the asset returns and the risk-free rate, which is used to calculate the Sharpe ratio, for each examined period. As output,

the function gives the portfolio's mean return, standard deviation, Value at Risk, and the Sharpe ratio.

The equivalent MATLAB function for the three-asset portfolio is the following:

```
function [ Data_mean, Data_st_dev, Data_VaR, sharpe_ratio, port_mean,
port_sharpe, port_stdev, port_VaR, comm_weights, stock_weights,
bond_weights ] = PF_S_3_new( RET1, RET2, RET3, RF )

port_mean = zeros(1000,1);
port_stdev = zeros(1000,1);
port_VaR = zeros(1000,1);
port_sharpe = zeros(1000,1);
comm_weights = zeros(1000,1);
bond_weights = zeros(1000,1);
stock_weights = zeros(1000,1);

for i = 1:1000
    w1 = (0.50 - 0.40) * rand + 0.40;
    w2 = (0.50 - 0.40) * rand + 0.40;
    stock_weights(i) = w1;
    bond_weights(i) = w2;
    comm_weights(i) = 1-w1-w2;
    p = w1 * RET1 + w2 * RET2 + (1-w1-w2) * RET3;
    port_mean(i) = 100 * 12 * mean(p);
    port_stdev(i) = 100 * sqrt(12) * std(p);
    port_sharpe(i) = (port_mean(i) - 100 * 12 * mean(RF)) /
port_stdev(i);
    port_VaR(i) = portvrisk(port_mean(i) / 100, port_stdev(i) / 100,
0.05, 1000000);
end

Data_mean = mean(port_mean);
Data_st_dev = mean(port_stdev);
Data_VaR = mean(port_VaR);
sharpe_ratio = mean(port_sharpe);


end
```

The function takes as input the arrays containing the three asset returns and the risk-free rate for each examined period. As output, the function gives the portfolio's mean return, standard deviation, Value at Risk, Sharpe ratio and the 1000x1 arrays containing the equity, bond and commodity weights, and the mean returns, standard deviations, Values at Risk and Sharpe ratios of the 1000 portfolios. Those arrays were used to sort the results by the commodity weight's ascending order, in order to examine the commodity's impact according to its level of asset contribution in the portfolio.

5.3 Expected results

The goal is to examine the diversification benefits of commodities in stock-and-bonds portfolios. The diversification benefits will be examined through the standard deviation of the portfolio, the Sharpe ratio and Value at Risk. We can make a preliminary test though of what to expect, for the portfolio's risk behavior, by adding an extra asset in a stock-and-bond portfolio.

To test the portfolio's risk behavior we will examine the variance of the portfolio, which is equivalent to the portfolio's standard deviation. The variance of the portfolio is the most common statistic tool to calculate the volatility of the portfolio, one of the main risk indicators. The variance of the portfolio P is calculated as the weighted sum of the variances of the asset returns in the case where the weights are constant.

For a portfolio that consists of N asset returns:

$$P = \sum_{i=1}^{N} w_i * R_i$$

the variance is as follows:

$$Var(P) = \sum_{i=1}^{N} w_i^2 * Var(R_i) + 2 * \sum_{1 \le i} \sum_{< j \le N} w_i * w_j * Cov(R_i, R_j) \quad [1]$$

The term $2 * \sum_{1 \le i} \sum_{< j \le N} w_i * w_j * Cov(R_i, R_j)$ is called systemic risk and it is not diversifiable. The term $\sum_{i=1}^{N} w_i^2 * Var(R_i)$ is called non systemic risk. Risk management's goal is to minimize non systemic risk.

One way to diversify the portfolio, is to combine different asset classes. However including an extra asset class in a portfolio does not necessarily reduce the portfolio's volatility. We will examine this case in a two-asset portfolio.

Let's assume we own a portfolio which combines the returns of two asset classes:

$$P_1 = q_1 R_1 + q_2 R_2$$

where, $q_1 + q_2 = 1$

The variance of this portfolio is given by the formula [1] by substituting N=2:

$$Var(P_1) = q_1^2 Var(R_1) + q_2^2 Var(R_2) + 2q_1 q_2 Cov(R_1, R_2)$$

We construct a second portfolio which is consisted of three assets:

$$P_2 = w_1 R_1 + w_2 R_2 + w_3 R_3$$

$$\text{where, } w_1 + w_2 + w_3 = 1$$

The variance of this portfolio is given by the formula [1] by substituting N=3:

$$Var(P_2) = w_1^2 Var(R_1) + w_2^2 Var(R_2) + w_3^2 Var(R_3) + 2w_1 w_2 Cov(R_1, R_2) + 2w_1 w_3 Cov(R_1, R_3) + 2w_2 w_3 Cov(R_2, R_3)$$

We notice that with the inclusion of a third asset in a portfolio, the covariances between the returns of the assets are more influential. In a portfolio with N assets there will be $\frac{N(N-1)}{2}$ covariance terms, and N variance terms, making the covariance among the assets gradually more important.

We examine the conditions under which the inclusion of a new asset in the portfolio reduces the portfolio's risk. The portfolio's risk will be reduced when:

$$Var(P_2) < Var(P_1) \rightarrow$$

$$Var(R_1)(w_1^2 - q_1^2) + Var(R_2)(w_2^2 - q_2^2) + w_3^2 Var(R_3) +$$

$$2(w_1 w_2 - q_1 q_2) Cov(R_1, R_2) + 2w_1 w_3 Cov(R_1, R_3) + 2w_2 w_3 Cov(R_2, R_3) < 0 \quad [2]$$

When substituting with the descriptive statistics of our data and with the average weight of every asset ($q_1 = q_2 = 0.5,\ w_1 = w_2 = 0.45\ and\ w_3 = 0.1$) , in all three periods, the formula [2] takes the following values:

	Third Asset		
	SPGSCI	**SPGSAG**	**SPGSIN**
1977-2017	-0.0000425	-0.0000395	0.0000061
Expansion	-0.0000446	-0.0000426	-0.0000049
Recession	-0.0000322	-0.0000243	0.0000701

So the expected result is that the SPGSCI and the SPGSAG Index will reduce the variance (and hence the standard deviation) of the portfolio, when the commodity's weight is around 0.1.

Examining the formula's value for different weights ($q_1 = q_2 = 0.5,\ w_1 = w_2 = 0.4\ and\ w_3 = 0.2$), leads us to expect that the diversification benefits of portfolios will be less evident for those weights, since all values are greater.

	Third Asset		
	SPGSCI	**SPGSAG**	**SPGSIN**
1977-2017	-0.0000194	-0.0000217	0.0001010
Expansion	-0.0000340	-0.0000313	0.0000729
Recession	0.0000717	0.0000311	0.0002676

Chapter 6

Results

We will examine the results of the Monte Carlo simulations by period:

- For the whole span of our data, i.e. the 1977-2017 period.
- For the combined expansion periods.
- For the combined recession periods.

But first we will compare the overall performance of the stock-and-bond portfolios in every period:

Stock and Bond Portfolios			
	1977-2017	Expansion	Recession
Mean Return	8.217%	8.831%	4.560%
Standard Deviation	8.947%	7.763%	12.215%
VaR	64,995.470	39,377.685	155,321.569
SHARPE	0.952	1.124	0.629

The mean return of the two-asset portfolio is 8.217% for the whole span of our data. During expansion, it rises to 8.831% and during recession it drops to 4.560%. The standard deviation of the portfolio for the 1977-2017 period is 8.947%. During expansion, the portfolio's standard deviation drops to 7.763%. During recession it climbs to 12.215%. The Value at Risk of the stock and bond portfolio (calculated for portfolio value of $1.000.000) is approximately $64.995 for the 1977-2017 period. It drops to 39.378 during expansion periods, and during recession it rises to $155.322. Finally the Sharpe ratio of the portfolio for the 1977-2017 period is 0.952. During expansion it rises to 1.124, and during recession it drops to 0.629.

It is obvious that the overall performance, i.e. the mean return and the diversification benefits, of the portfolio improves during expansion, and it deteriorates during recession.

6.1 Examining the results in the 1977-2017 period.

The mean return, standard deviation, Sharpe ratio and Value at Risk of every portfolio is shown in the table below:

	Stock and Bond	Stock, Bond and Commodity Index	Stock, Bond and Agricultural Index	Stock, Bond and Industrial Metals Index
Mean Return	8.217%	8.118%	7.180%	8.278%
Standard Deviation	8.947%	8.349%	6.985%	8.922%
VaR	64,995.470	56,141.912	43,085.727	63,971.649
SHARPE	0.952	1.008	1.071	0.962

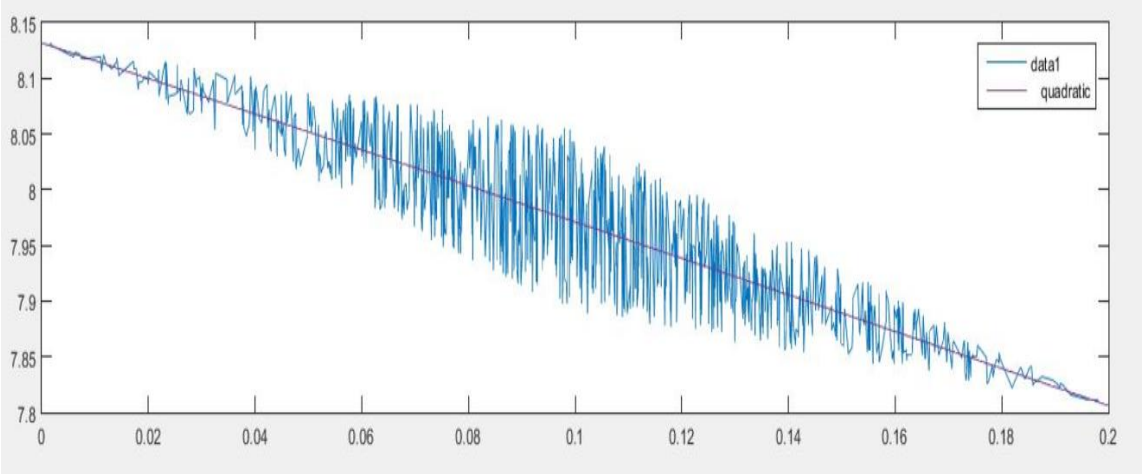
Mean Return

	Mean Return
Stock and Bond	8.217%
Stock, Bond and Commodity Index	8.118%
Stock, Bond and Agricultural Index	7.180%
Stock, Bond and Industrial Metals Index	8.278%

During the 1977-2017 period the stock-and-bonds portfolios offer a mean return of 8.217%. The mean return decreases very slightly, to the value 8.118%, when including the S&P GSCI index returns in the portfolio. The mean returnis decreased more by including the S&P GSAG index return, to the value 7.180%. The index S&P GSIN increases the mean return of the portfolio, very narrowly, to the value 8.278%.

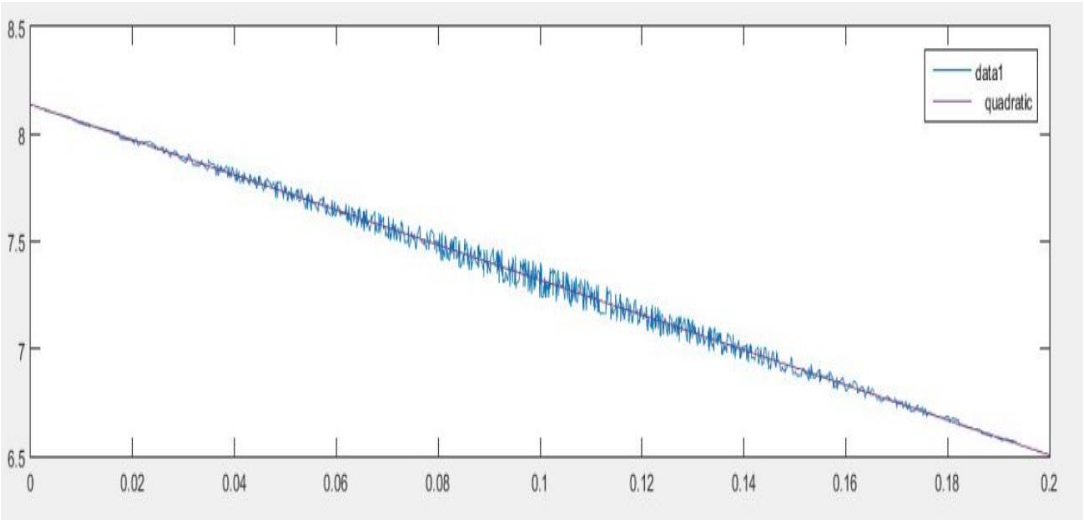
The impact of each commodity is examined in the graphs below. We examine the effect of the increasing involvement of commodities in the portfolios:

S&P GSCI



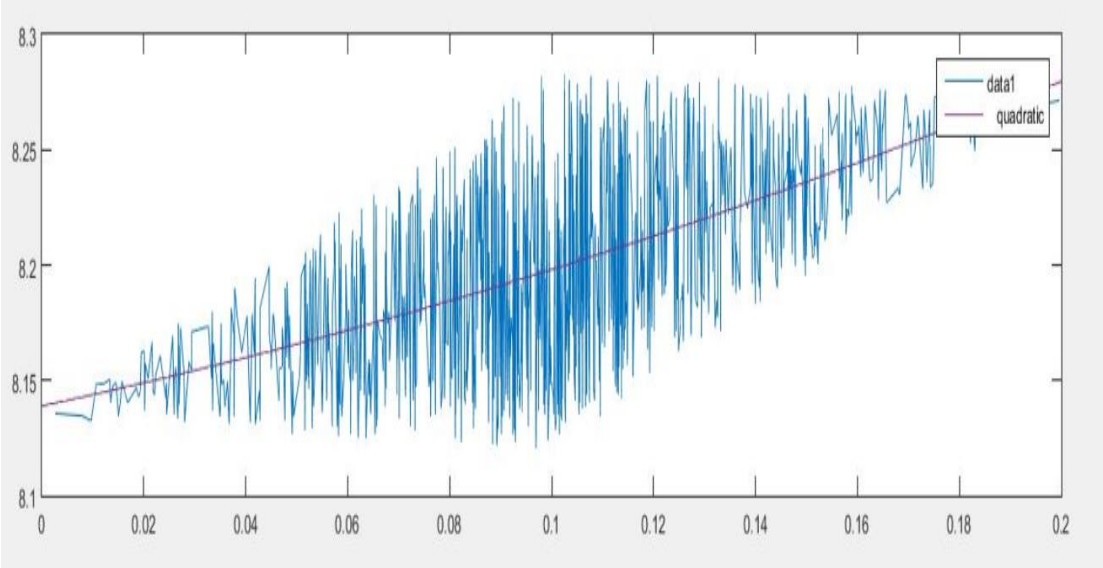
As the S&P GSCI weight is increased from 0 to 0.2, the mean return of the portfolio keeps decreasing.

S&P GSAG



As the S&P GSAG weight is increased from 0 to 0.2, the mean return of the portfolio keeps decreasing. The decline with this index, is more evident.

S&P GSIN



There is a positive relationship between the S&P GSIN index weight and the mean return of the portfolio. As the weight is increased, the mean return increases, as well.

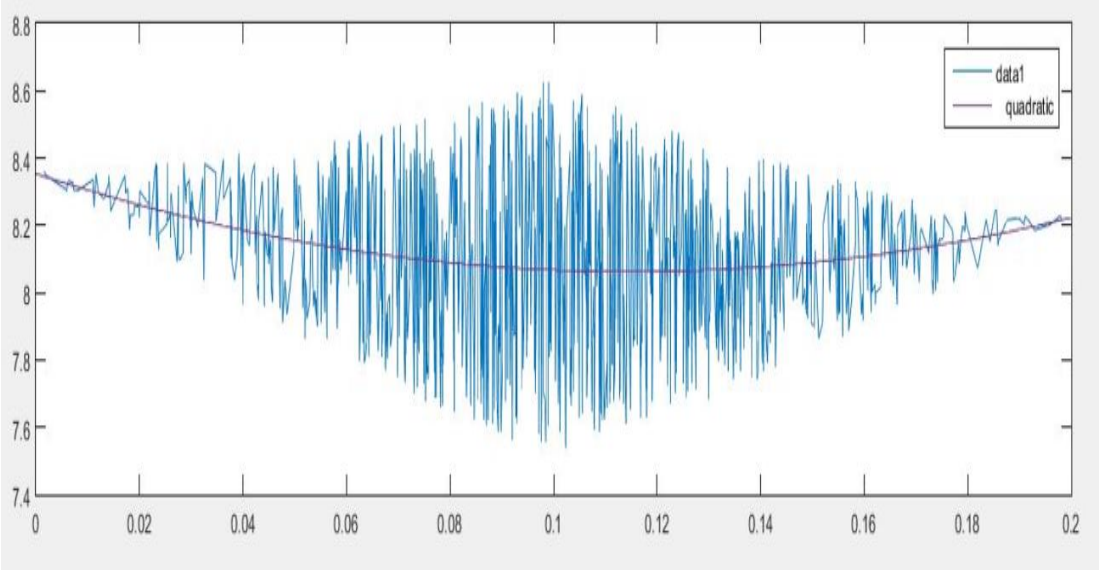
Standard Deviation

	Standard Deviation
Stock and Bond	8.947%
Stock, Bond and Commodity Index	8.349%
Stock, Bond and Agricultural Index	6.985%
Stock, Bond and Industrial Metals Index	8.922%

For the 1977-2017 period, the standard deviation of the stocks-and-bonds portfolio is 8.947%. It slightly declines with the inclusion of the S&P CSCI Index, to 8.349%. The S&P GSAG index, decreases the standard deviation further, to 6.985%. The S&P GSIN index, does not affect significantly the standard deviation.

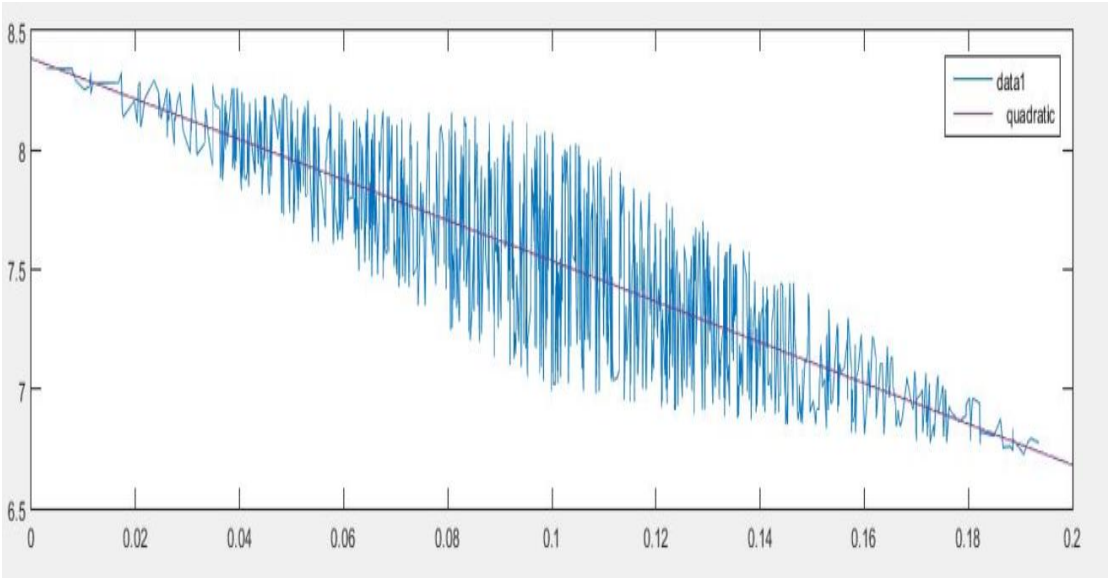
A more detailed insight on the impact of the commodities in the standard deviation of the portfolios is presented in the graphs below:

S&P GSCI



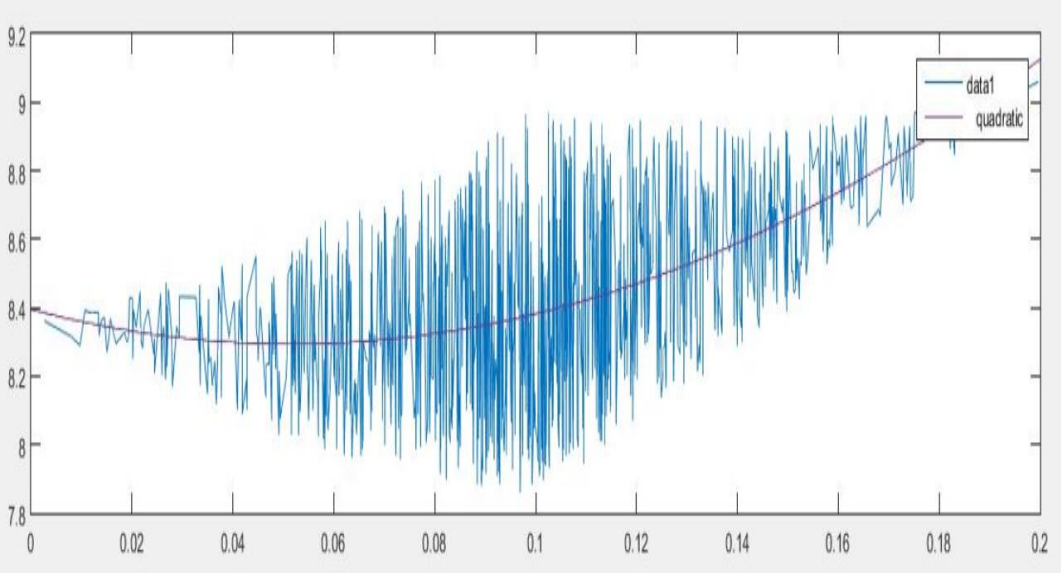
As the S&P GSCI weight is increased from 0 until 0.11, the standard deviation decreases. When the weight is further increased, the standard deviation is boosted again, but when the commodity weight reaches its maximum value 0.2, the standard deviation does not pass the initial one.

S&P GSAG



Unlike S&P GSCI, the S&PGSAG index, decreases the standard deviation of the portfolio as its weight is lifted from 0 until 0.2.

S&P GSIN



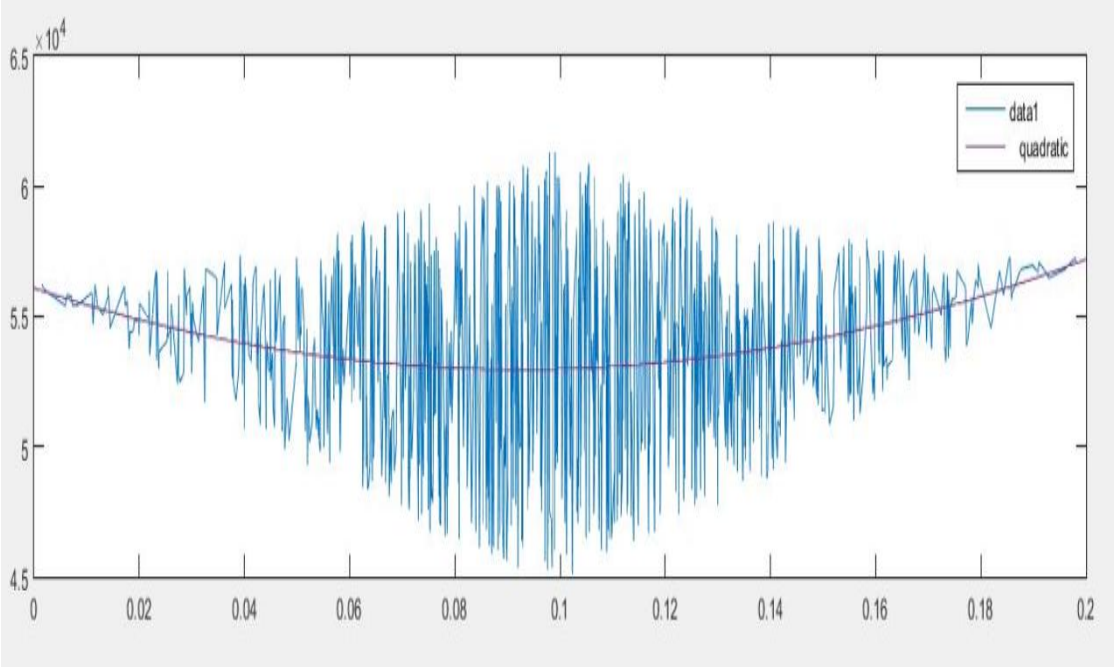
The S&P GSIN index decreases the standard deviation of the portfolio as its weight increases, until the value 0.06. When the weight passes 0.06 and is increases until 0.2, the standard deviation rises more rapidly, and it surpasses by more than 0.5%, the zero commodity weight standard deviation.

Value at Risk

	VaR
Stock and Bond	64,995.470
Stock, Bond and Commodity Index	56,141.912
Stock, Bond and Agricultural Index	43,085.727
Stock, Bond and Industrial Metals Index	63,971.649

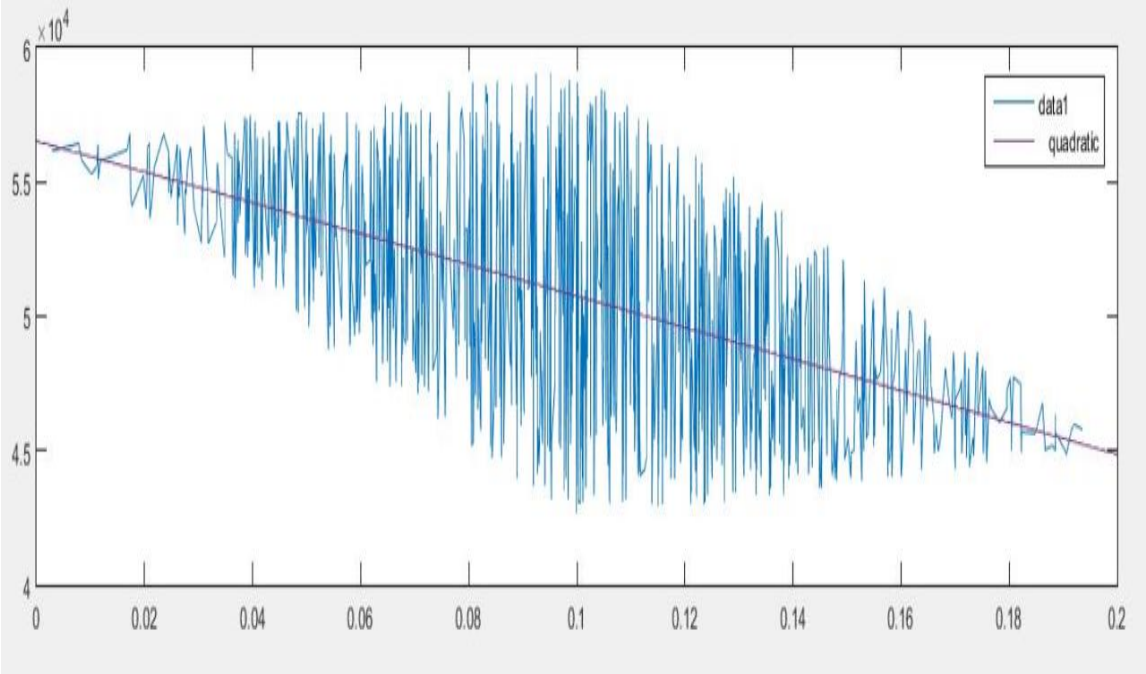
All Value at Risk‘s are presented for portfolio value of $1.000.000. The stock-and-bond portfolio’s VaR is around $64.995. Including commodity indices like the S&P GSCI index and the S&P GSAG, decreases the VaR at $56.142 and &43.086 respectively. The S&P GSIN effect on the VaR of the portfolio is less evident, since it decreases at $63.972.

S&P GSCI



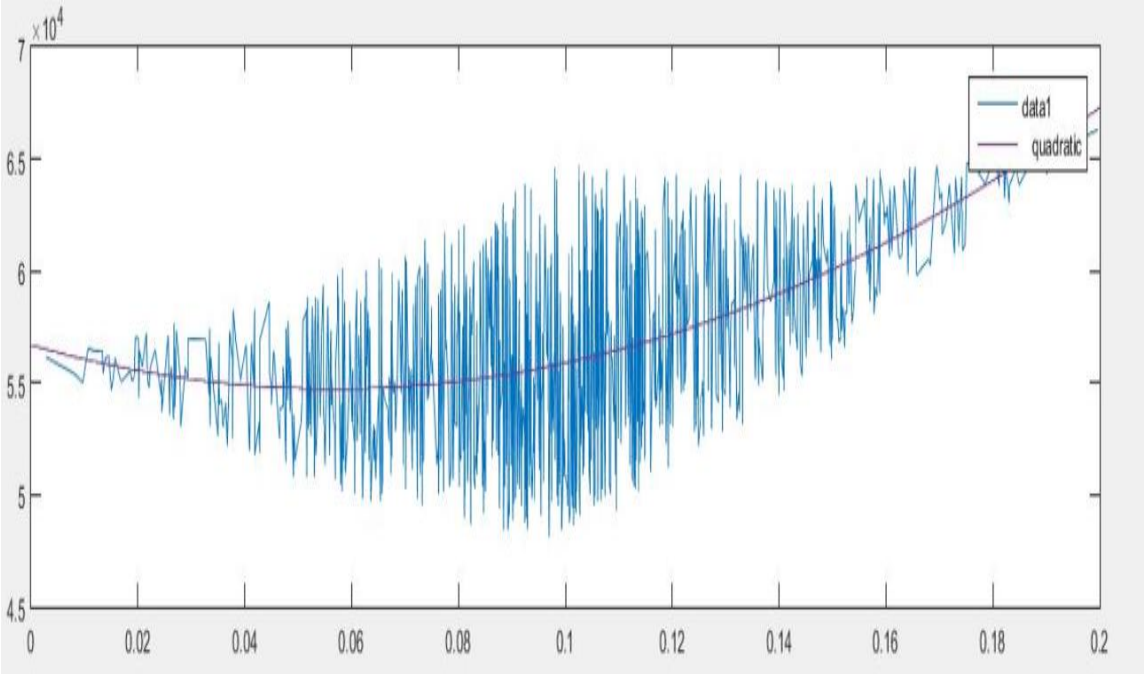
The VaR of the portfolio is declined as the S&P GSCI weight is raised until 0.1. As the weight is increased more, the VaR starts increasing. As the commodity weight reaches values close to 0.2, the VaR of the portfolio gets bigger than the initial VaR.

S&P GSAG



The higher the S&P GSAG's involvement in the portfolio, the more the VaR declines. As the weight rises from 0 to 0.2 the VaR drops by almost $10.000.

S&P GSIN



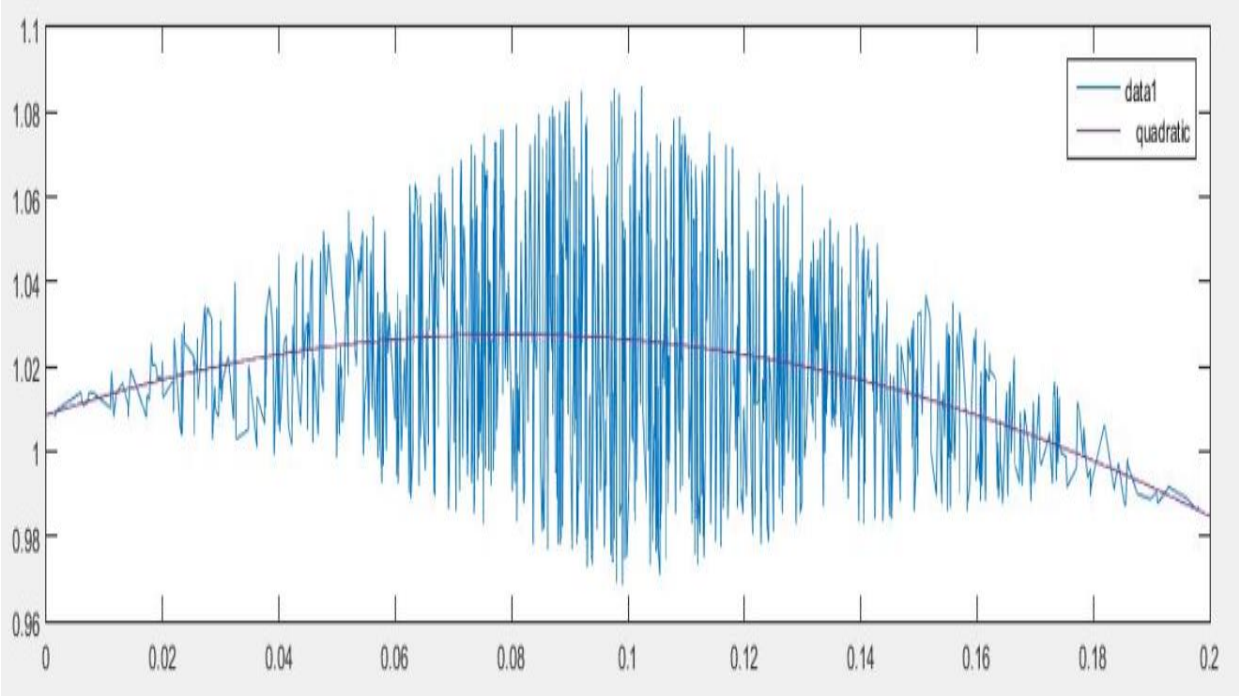
The VaR declines very slightly, until the S&P GSIN's weight reaches the value 0.06. For weight over 0.06 the VaR of the portfolio increases a lot more than it was reduced. The final VaR exceeds the initial VaR by more than $10.000.

Sharpe Ratio

	SHARPE
Stock and Bond	0.952
Stock, Bond and Commodity Index	1.008
Stock, Bond and Agricultural Index	1.071
Stock, Bond and Industrial Metals Index	0.962

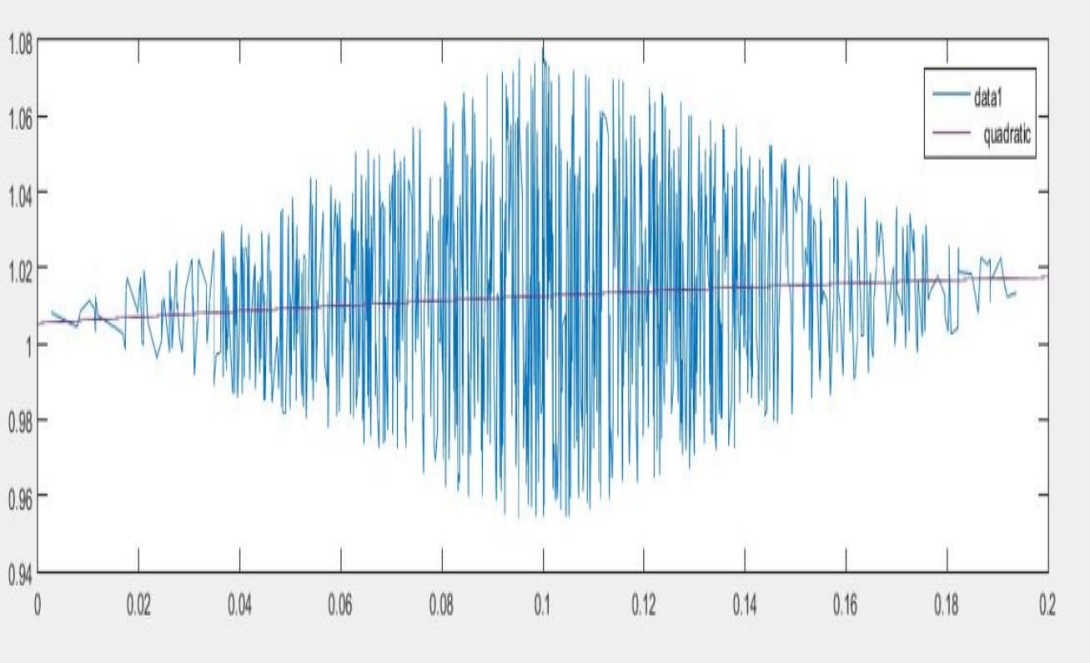
The Sharpe ration for the stock-and-bond portfolio is 0.952. By including commodities, the Sharpe ratio is raised to 1.008 with the S&P GSCI index, to 1.071 with the S&P GSAG index, and to 0.962 with the S&P GSIN index.

S&P GSCI



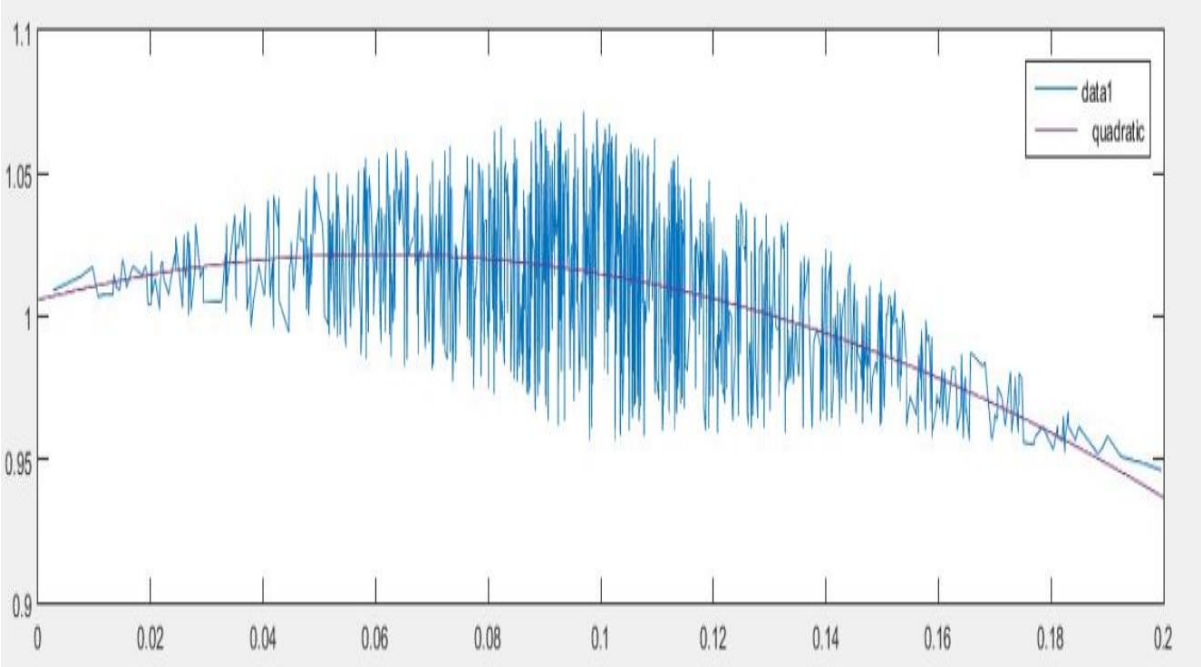
As the S&P GSCI weight is increased, from 0 to 0.08, the Sharpe ratio rises. Since the weight gets over 0.08 the Sharpe ratio, decreases and drops under 1.

S&P GSAG



The S&P GSAG shows a steady effect on the Sharpe ratio of the portfolio. As the weight is increased from 0 to 0.2, the Sharpe ratio rises slightly.

S&P GSIN



As the S&P GSIN weight is raised from 0 to 0.06, the Sharpe ratio rises. As the weight is increased more, the Sharpe ratio declines.

6.2 Examining the results during expansion.

The mean return, standard deviation, Sharpe ratio and Value at Risk of every portfolio is shown in the table below:

	Stock and Bond	Stock, Bond and Commodity Index	Stock, Bond and Agricultural Index	Stock, Bond and Industrial Metals Index
Mean Return	8.831%	8.824%	8.012%	9.109%
Standard Deviation	7.763%	7.558%	7.203%	7.670%
VaR	39,377.685	36,075.078	38,359.289	35,075.219
SHARPE	1.124	1.153	1.097	1.174

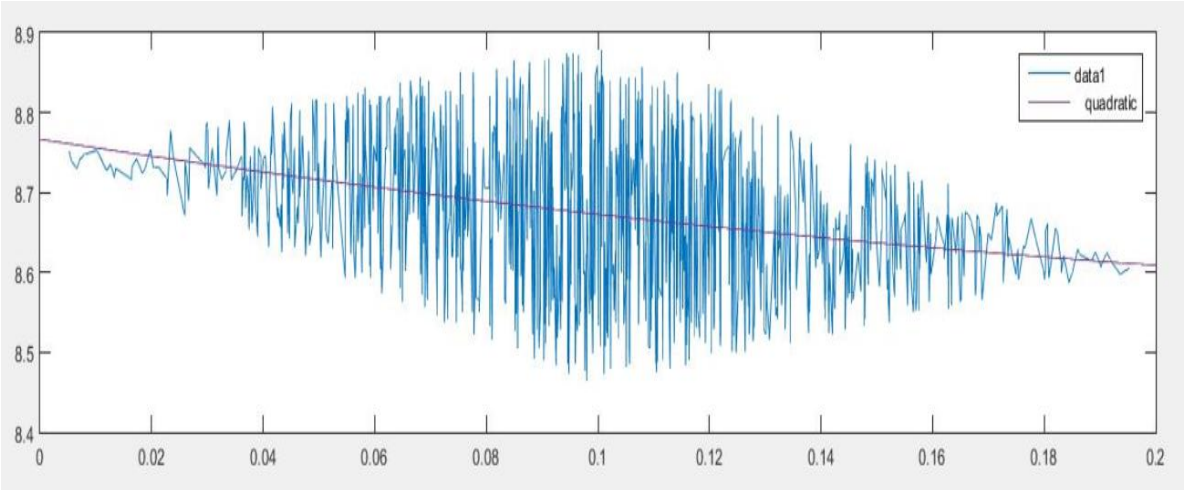
Mean Return

	Mean Return
Stock and Bond	8.831%
Stock, Bond and Commodity Index	8.824%
Stock, Bond and Agricultural Index	8.012%
Stock, Bond and Industrial Metals Index	9.109%

During the expansion periods the stock-and-bonds portfolios offer a mean return of 8.831%. The S&P GSCI index has a minor effect on the mean return of the portfolio, since it reduces it only to 8.824%. The S&P GSAG reduce the mean return a little more noticeably, to 8.012%. The S&P GSIN index increases the mean return to 9.109%.

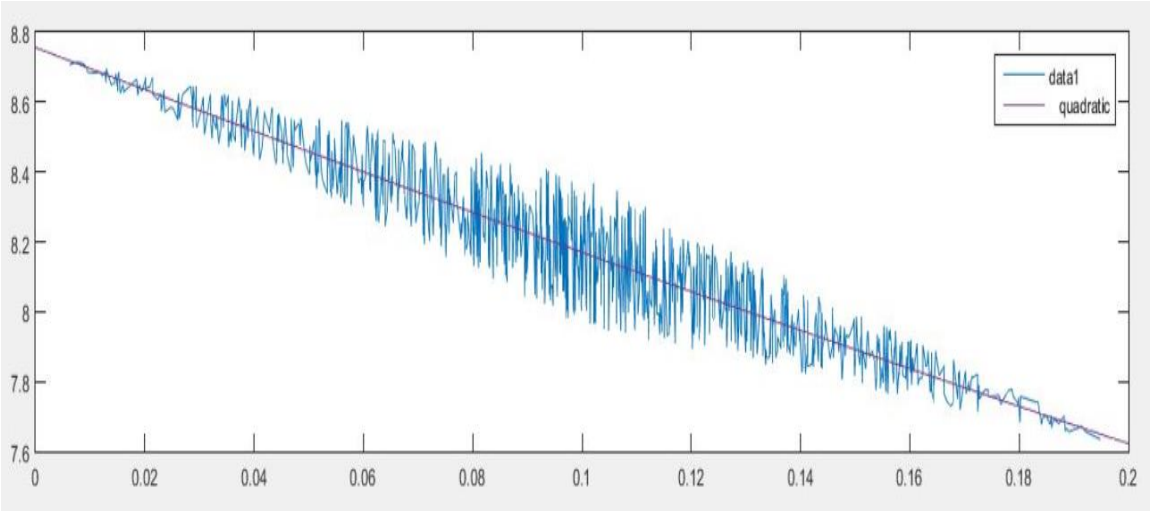
A detailed view on the effect of commodities in the mean return of portfolios is presented below:

S&P GSCI



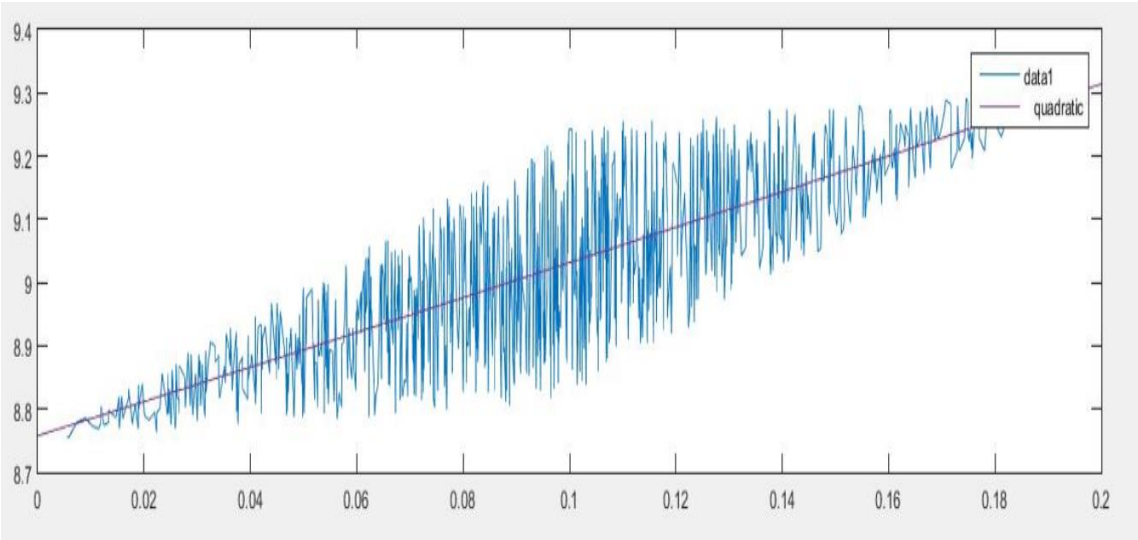
The mean return of the portfolio decreases, by almost 0.2% as the S&P GSCI's weight is raised.

S&P GSAG



S&P GSAG's effect on the portfolio's mean return is more evident. As the weight is increased from 0 to 0.2, the mean return of the portfolio decreases from almost 8.8% to 7.6%.

S&P GSIN



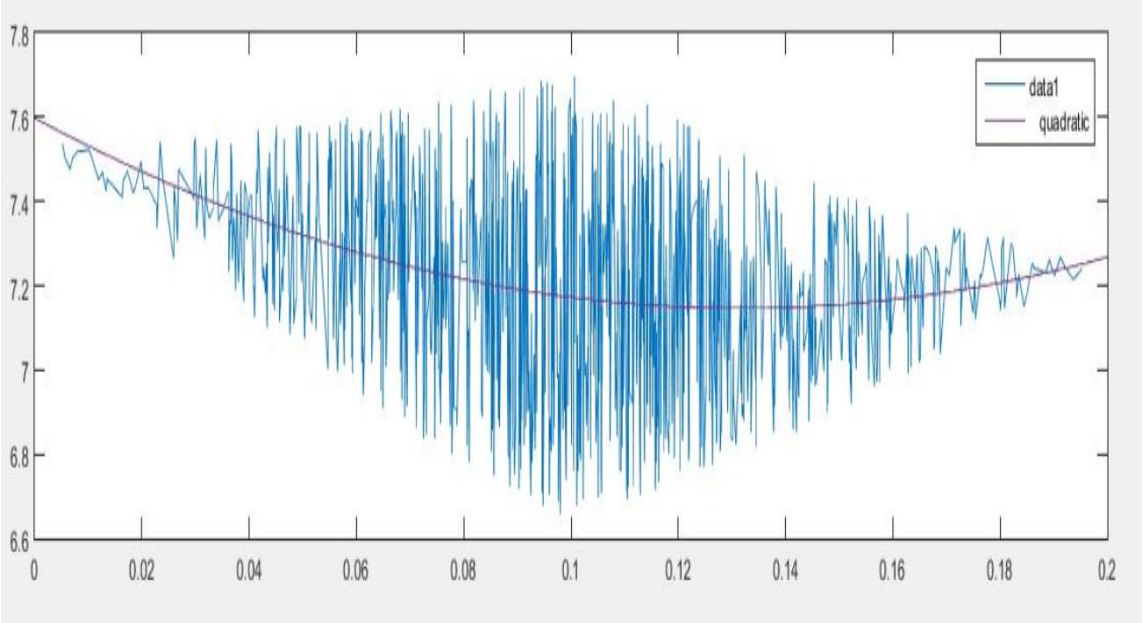
The S&P GSIN index boosts the portfolio's mean return, as the commodity's weight increases, by approximately 0.5%.

Standard Deviation

	Standard Deviation
Stock and Bond	7.763%
Stock, Bond and Commodity Index	7.558%
Stock, Bond and Agricultural Index	7.203%
Stock, Bond and Industrial Metals Index	7.670%

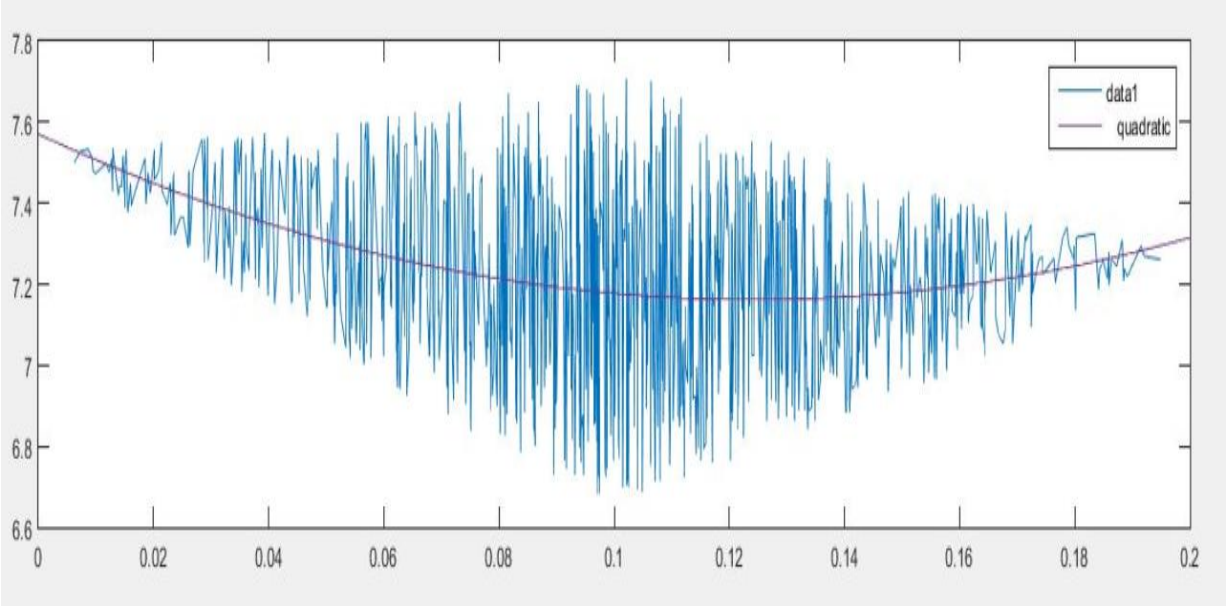
The standard deviation during the expansion periods of the stock-and-bond portfolio is 7.763%. Including commodities in the portfolios reduces the standard deviation to 7.553% for the S&P GSCI index, to 7.203% for the S&P GSAG index, and 7.760% for the S&P GSIN index.

S&P GSCI



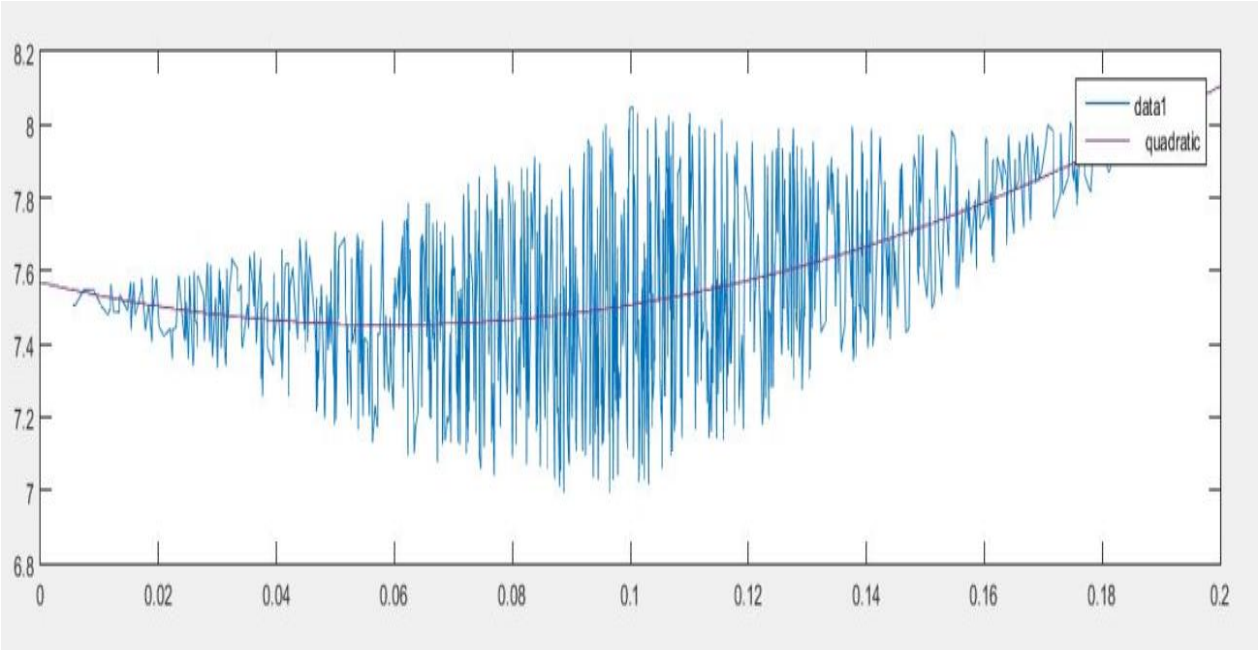
The S&P GSCI index benefits the portfolio's standard deviation until its weight reaches the value of 0.12 approximately. When the commodity's weight passes that value, then the standard deviation starts increases, but does not reach the levels where the commodity weight was almost 0.

S&P GSAG



Agricultural products help in decreasing the portfolio's standard deviation, until their weight reaches the value of 0.12. As the S&P GSAG index is more involved in the portfolio, then the standard deviation increases, without reaching the initial values though.

S&P GSIN



The S&P GSIN index decreases the standard deviation of the portfolio as its weight increases, until the value 0.06. When the weights passes 0.06 and is increases until

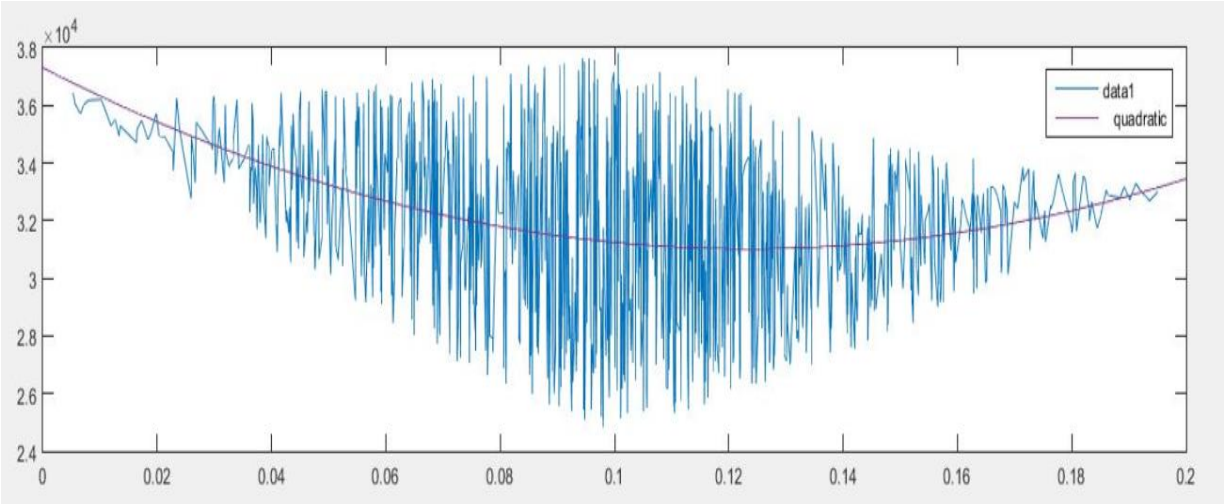
0.2, the standard deviation rises more rapidly, and passes by far the original standard deviation.

Value at Risk

	VaR
Stock and Bond	39,377.685
Stock, Bond and Commodity Index	36,075.078
Stock, Bond and Agricultural Index	38,359.289
Stock, Bond and Industrial Metals Index	35,075.219

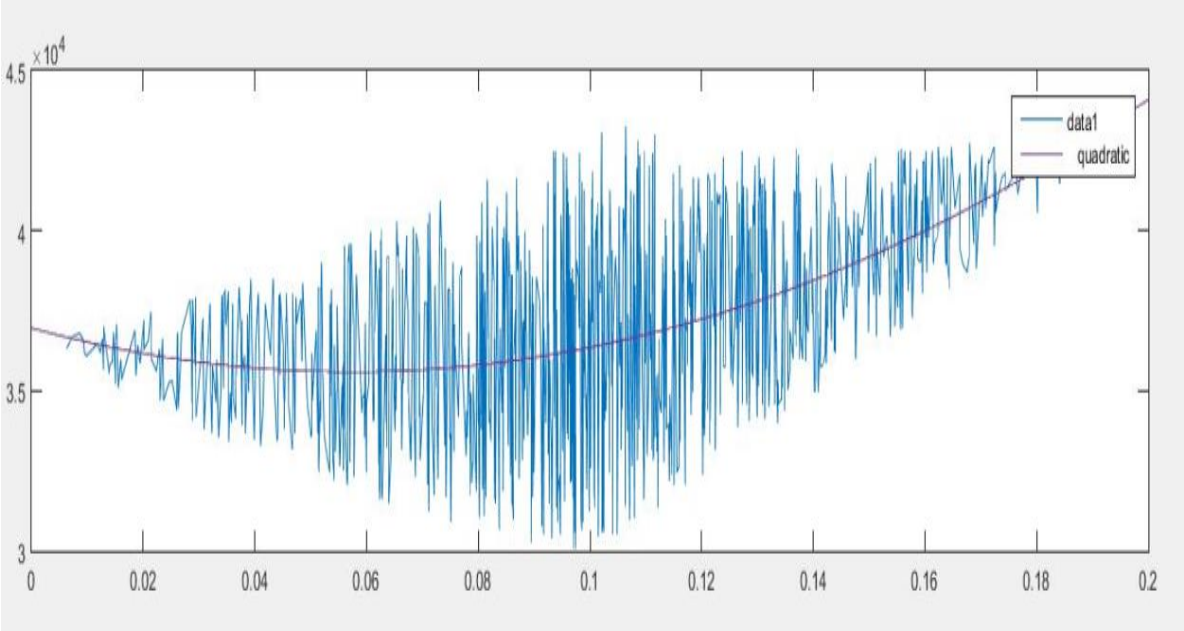
All Value at Risk‘s are presented for portfolio value of $1.000.000. The stock-and-bond portfolio’s VaR is around $39.378. The S&P GSCI index reduces the VaR to $36.075, the S&P GSAG reduces VaR to 38.359 and the S&P GSIN to $35.075.

S&P GSCI



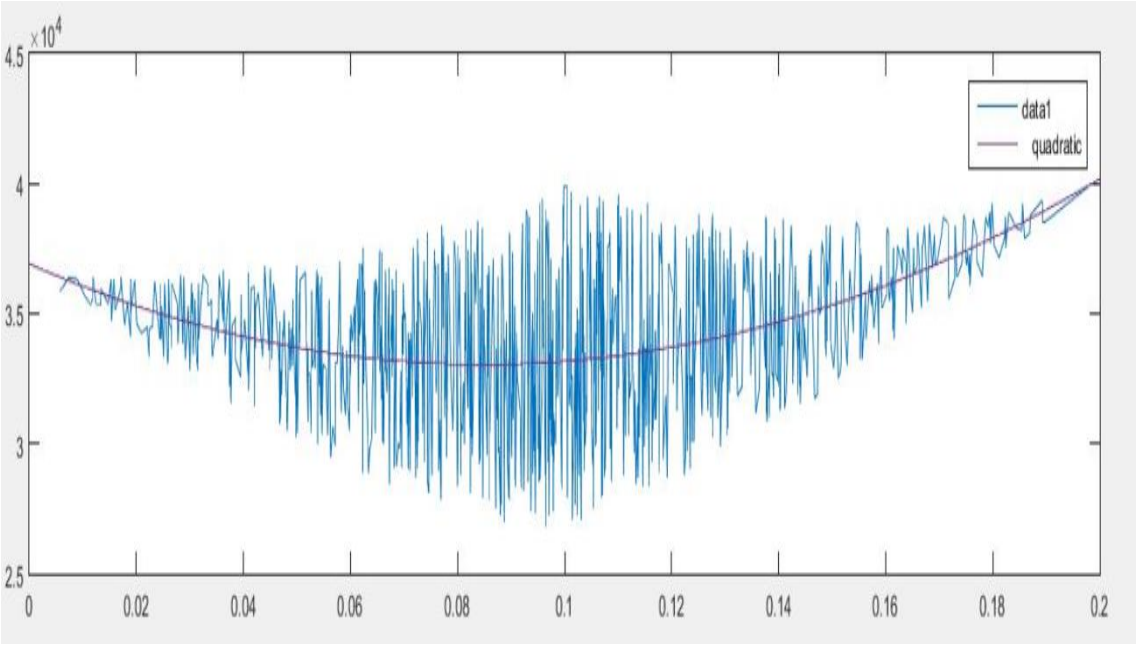
Including the S&P GSCI in the portfolio helps in reducing the VaR, as long as its weight raises from 0 to 0.12. When the weight passes that value, the VaR increases, as the weight is further raised. For weights close to 0.2, the VaR of the portfolios do not reach the VaR of portfolio with small commodity weights.

S&P GSAG



The VaR of the portfolio is reduced by including the S&P GSAG index, with increasing weight spanning from 0 to 0.06. For weight over 0.06, the VaR increases and surpasses the initial VaR by almost $7.000, as the weight increases.

S&P GSIN



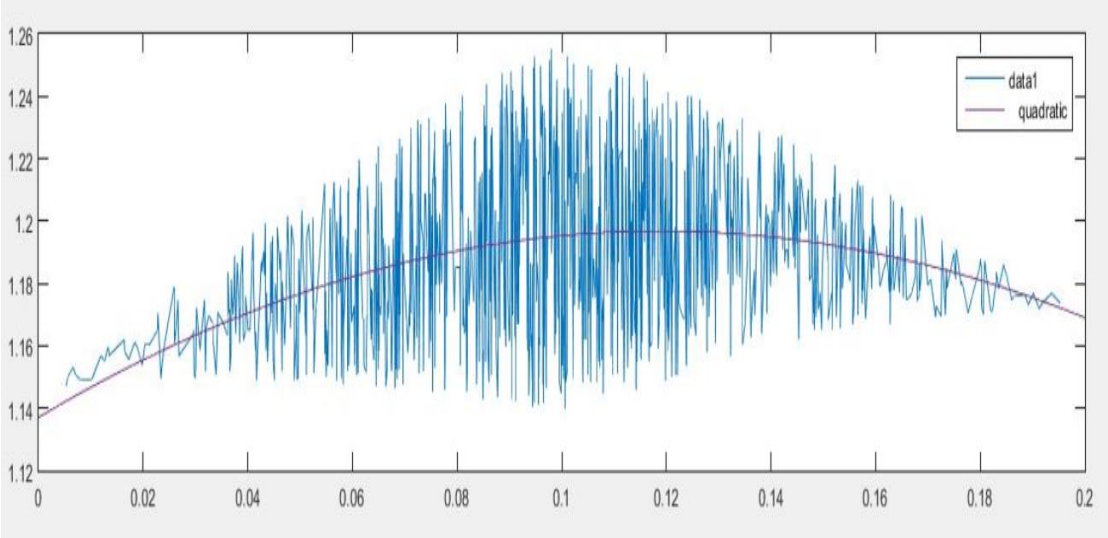
The VaR declines until the S&P GSIN's weight reaches the value 0.08. For weights over 0.08 the VaR of the portfolio increases.

Sharpe Ratio

	SHARPE
Stock and Bond	1.124
Stock, Bond and Commodity Index	1.153
Stock, Bond and Agricultural Index	1.097
Stock, Bond and Industrial Metals Index	1.174

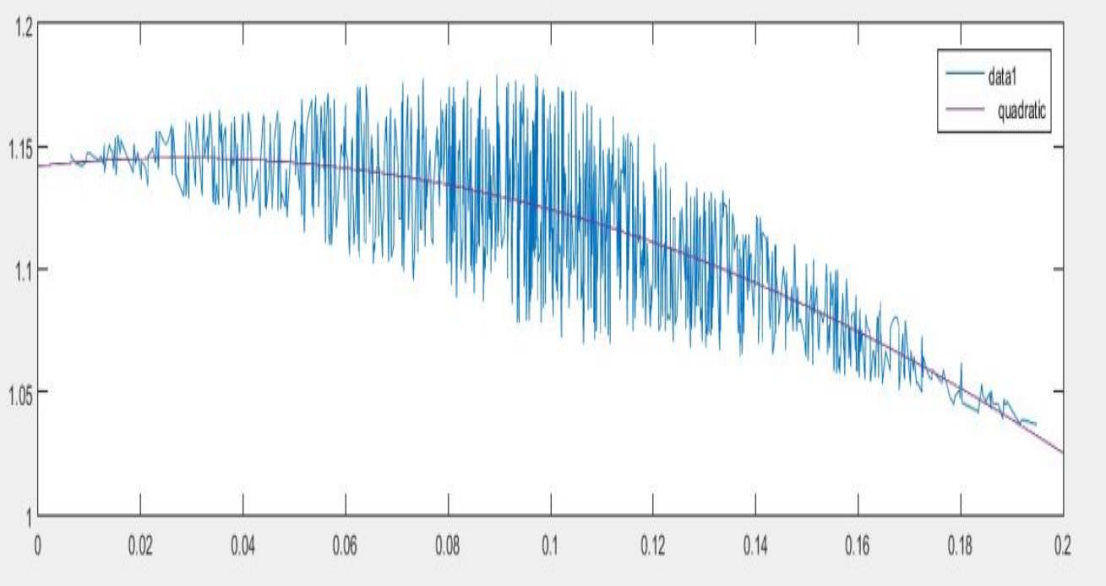
The Sharpe ration for the stock-and-bond portfolio is 1.124. By including commodities, the Sharpe ratio rises slightly to 1.153 with the S&P GSCI index, and to 1.174 with the S&P GSIN index. The S&P GSAG index reduces the Sharpe ratio to 1.097.

S&P GSCI



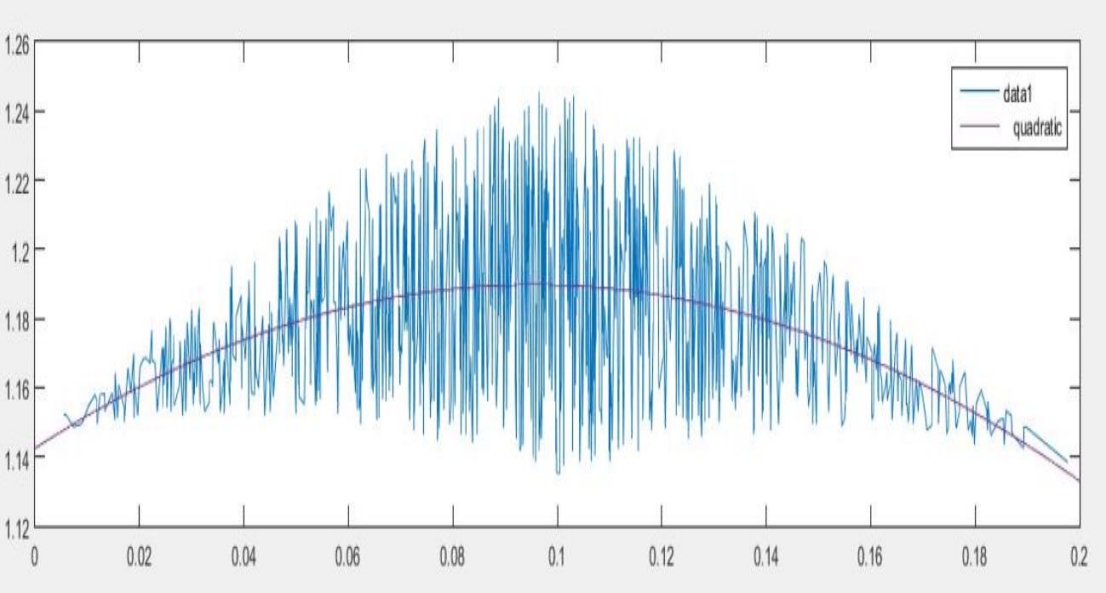
As the S&P GSCI weight is increased, from 0 to 0.12, the Sharpe ratio rises. Since the weight gets over 0.12 the Sharpe ratio, starts decreasing, without dropping to the initial value of 1.15.

S&P GSAG



The S&P GSAG barely affects the Sharpe ratio of the portfolio as its weight is increased until 0.06 approximately. After that value, the Sharpe ratio decreases.

S&P GSIN



Sharpe ratio increases noticeably, as the S&P GSIN's weight is raised from 0 until 0.1. When the weight is increased more, from 0.1 until 0.2, the Sharpe ratio decreases again.

6.3 Examining the results during recession

The mean return, standard deviation, Sharpe ratio and Value at Risk of every portfolio is shown in the table below:

	Stock and Bond	Stock, Bond and Commodity Index	Stock, Bond and Agricultural Index	Stock, Bond and Industrial Metals Index
Mean Return	4.560%	2.325%	3.027%	2.537%
Standard Deviation	12.215%	13.137%	12.801%	13.048%
VaR	155,321.569	192,832.515	180,283.904	189,257.115
SHARPE	0.629	0.415	0.481	0.434

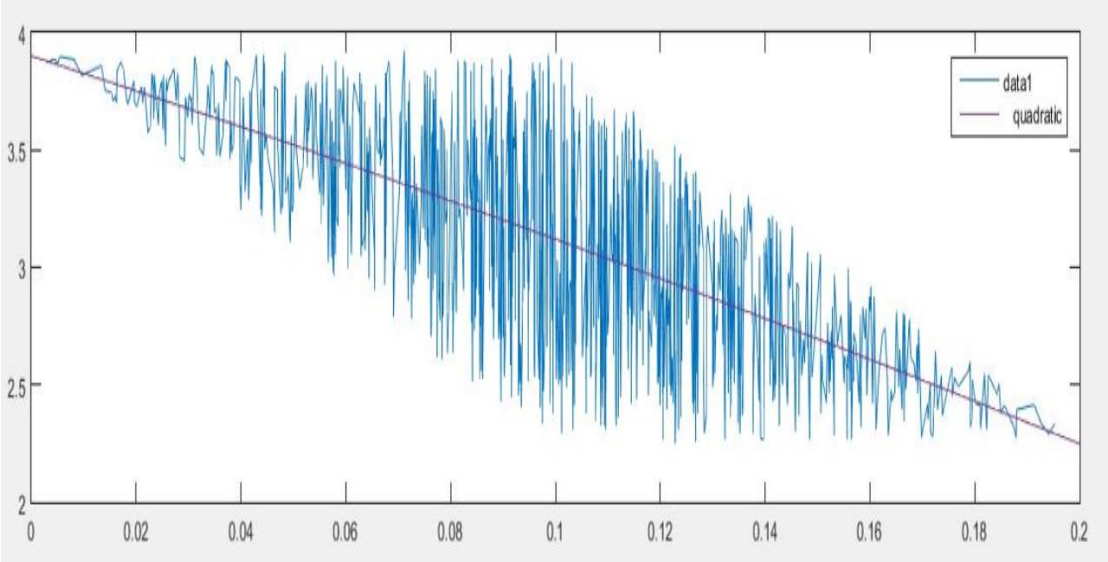
Mean Return

	Mean Return
Stock and Bond	4.560%
Stock, Bond and Commodity Index	2.325%
Stock, Bond and Agricultural Index	3.027%
Stock, Bond and Industrial Metals Index	2.537%

During recession the stock-and-bonds portfolios offer a mean return of 4.560%. Including commodities does not aid in boosting the returns of the portfolios since, the mean returns are reduced to 2.325%, 3.027% and 2.537% with the inclusion of the S&P GSCI index, the S&PGSAG index, and the S&P GSIN index respectively.

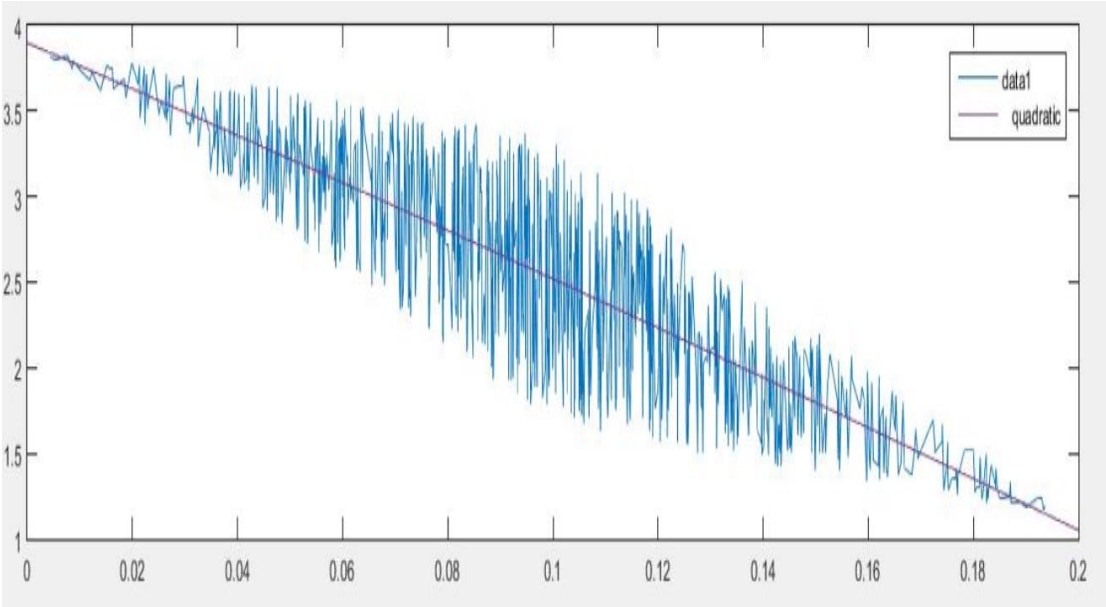
A detailed view on the effect of commodities in the mean return of portfolios is presented below:

S&P GSCI



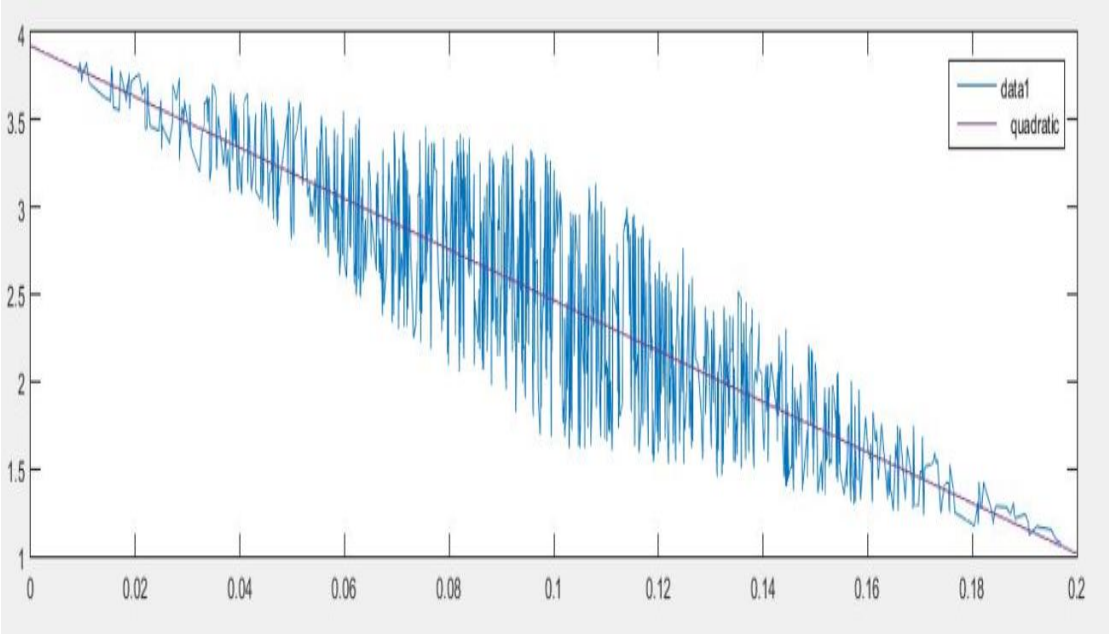
As the S&P GSCI involvement in the portfolio rises, the mean return is more and more decreased by almost 1.5%.

S&P GSAG



The portfolio performance deteriorates, since the mean return drops by almost 2.5% as the S&P GSAG's weight increases.

S&P GSIN



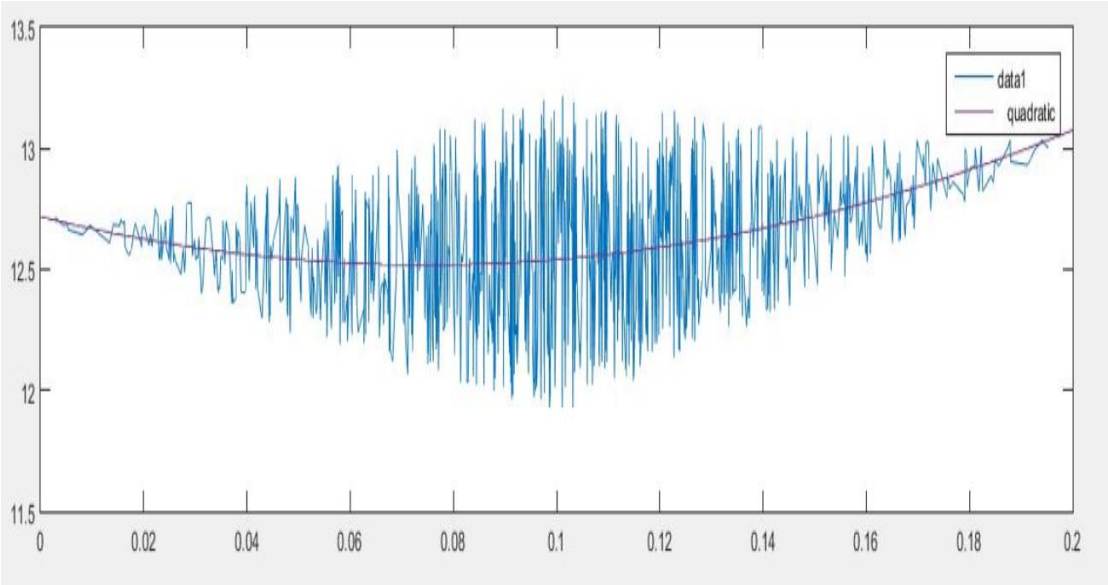
Unlike the 1977-2017 period, and the expansion period, the S&P GSIN index does not boost the mean return of the portfolio. On the contrary, increasing the commodity's weight decreases the portfolio's mean return, by approximately 2.5%.

Standard Deviation

	Standard Deviation
Stock and Bond	12.215%
Stock, Bond and Commodity Index	13.137%
Stock, Bond and Agricultural Index	12.801%
Stock, Bond and Industrial Metals Index	13.048%

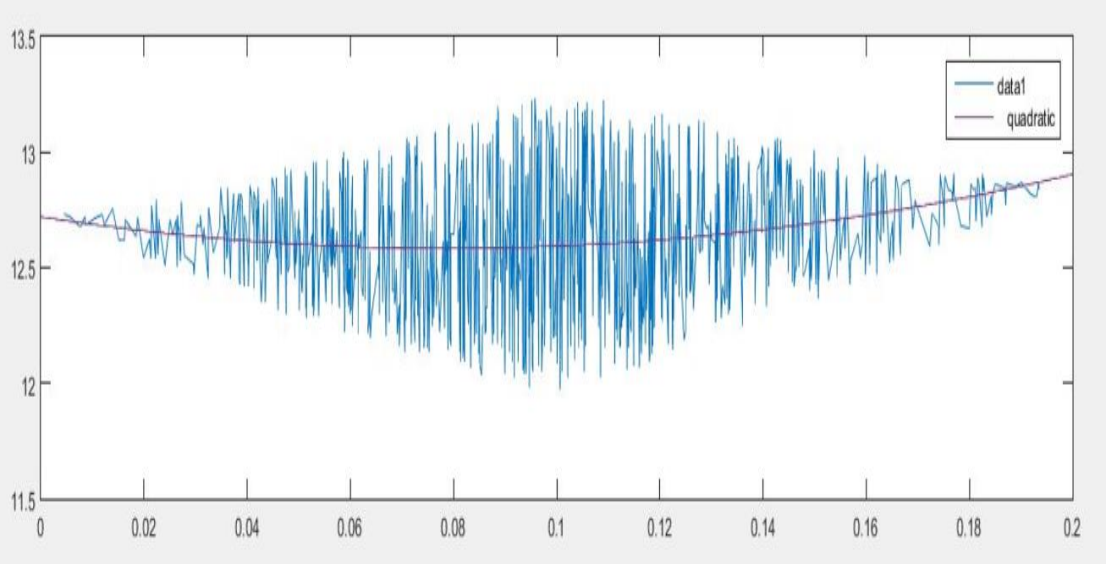
The standard deviation during the expansion periods of the stock-and-bond portfolio is 12.215%. Commodities do not help in reducing the portfolio's standard deviation, since it is increased to 13.137% with the S&P GSCI index, to 12.801% with the S&P GSAG index, and to 13.048% with the S&P GSIN index.

S&P GSCI



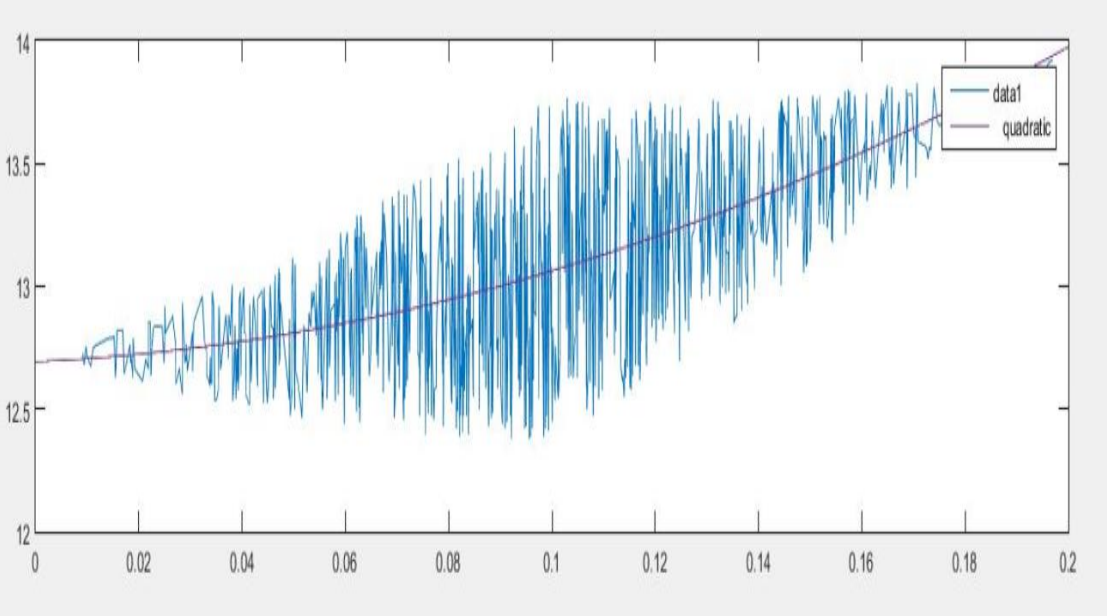
The S&P GSCI index benefits the portfolio's standard deviation until its weight reaches the value of 0.08 approximately. When the commodity's weight passes that value, then the standard deviation starts increasing, and becomes larger than the initial standard deviation.

S&P GSAG



The S&P GSAG decreases slightly the standard deviation as the weight is increased and reaches the value of 0.08. With the weight's further increase and until the value of 0.2, the standard deviation increases, and exceeds the initial value.

S&P GSIN



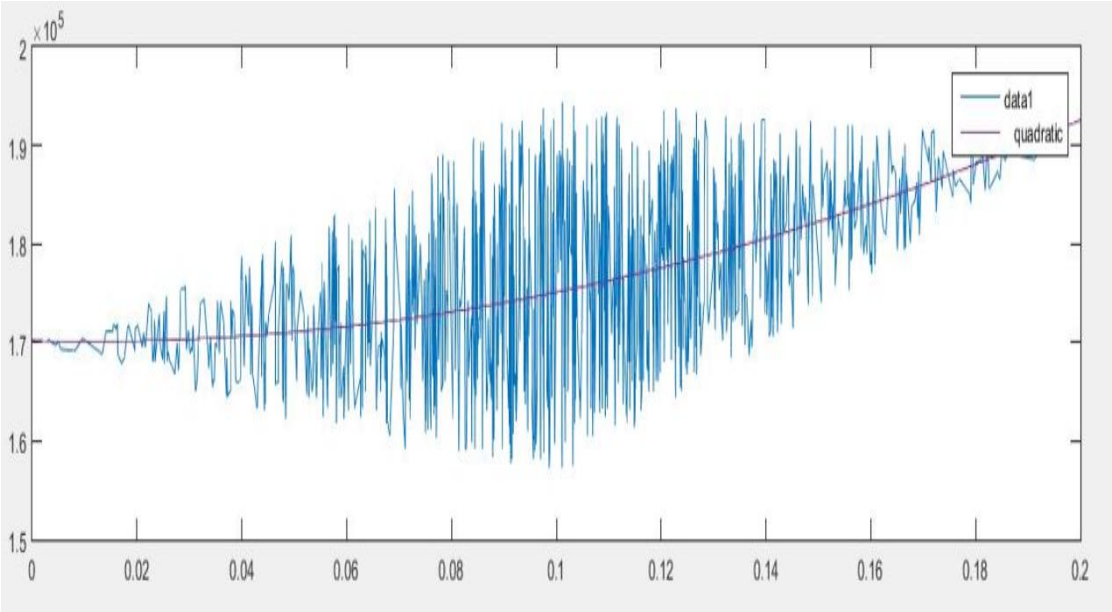
The S&P GSIN increases the standard deviation very slightly, as the weight is increased until the point 0.06. For higher weight values, the impact of the increasing weight is more evident.

Value at Risk

	VaR
Stock and Bond	155,321.569
Stock, Bond and Commodity Index	192,832.515
Stock, Bond and Agricultural Index	180,283.904
Stock, Bond and Industrial Metals Index	189,257.115

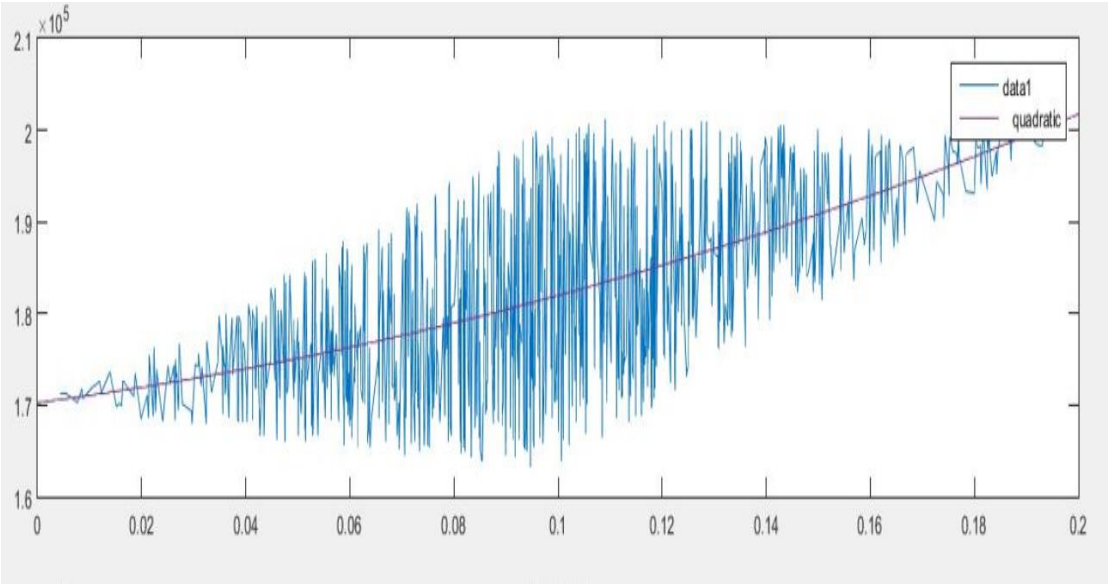
All Value at Risk‘s are presented for portfolio value of $1.000.000. The stock-and-bond portfolio’s VaR is around $155.321. All commodities increase the VaR of the portfolios. The S&P GSCI index increases the VaR to $192.932, the S&P GSAG reduces VaR to 180.284 and the S&P GSIN to $189.257.

S&P GSCI



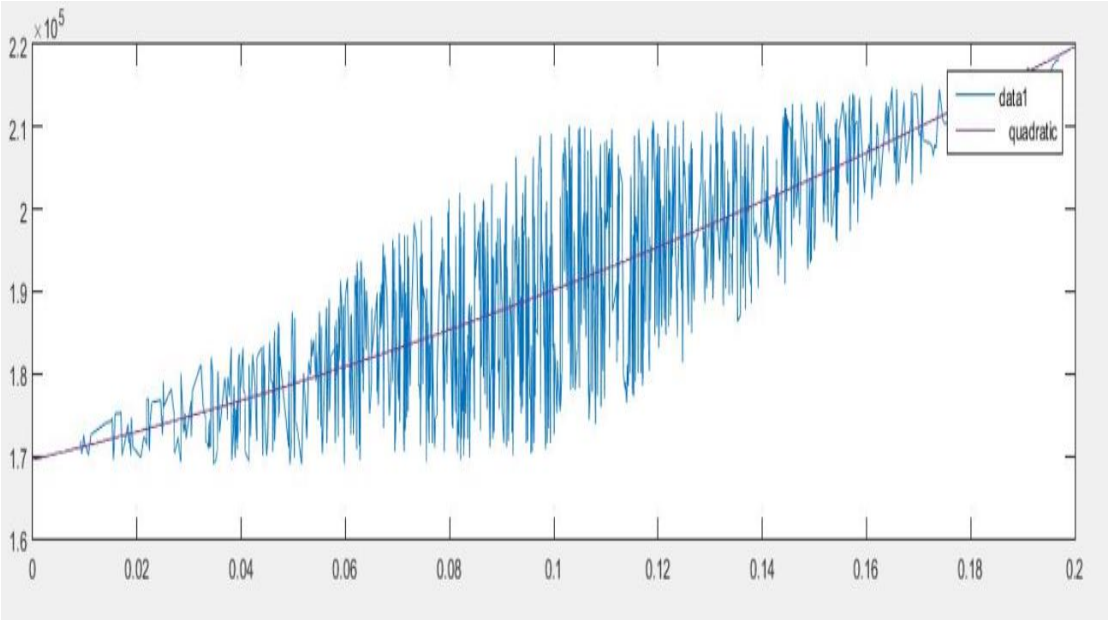
The S&P GSCI’s impact on the portfolio’s VaR is more visible after the weight exceeds the value of 0.04. As the weight is increased, the VaR increases.

S&P GSAG



The S&P GSAG does not help in reducing or limit the VaR for any weight, since the VaR is increasing for weights from 0 until 0.2.

S&P GSIN



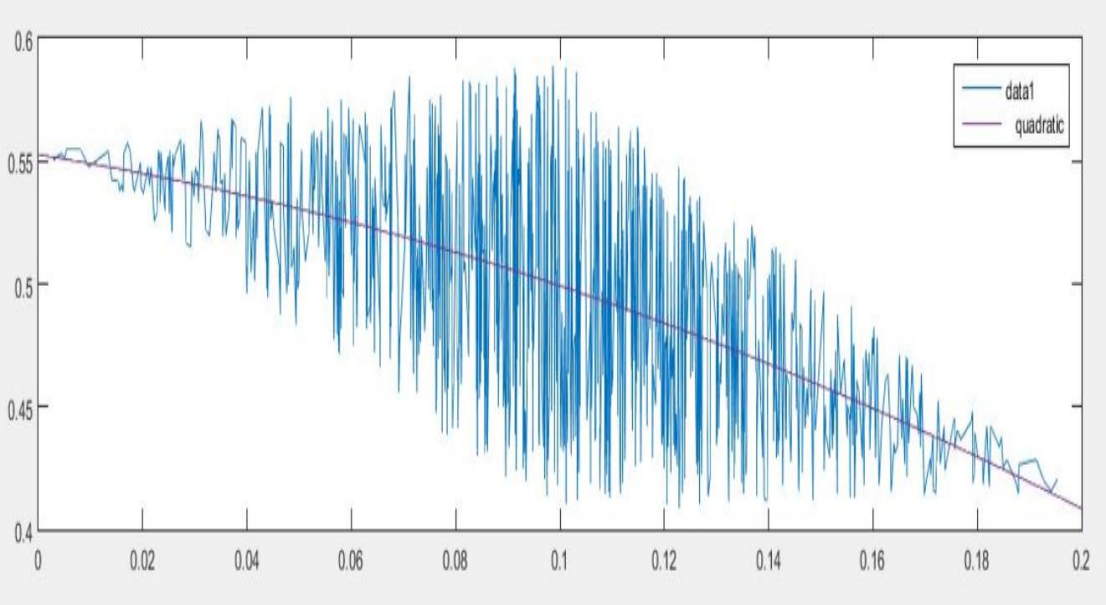
Including Industrial Metals in the portfolio, increase its Value at Risk.

Sharpe Ratio

	SHARPE
Stock and Bond	0.629
Stock, Bond and Commodity Index	0.415
Stock, Bond and Agricultural Index	0.481
Stock, Bond and Industrial Metals Index	0.434

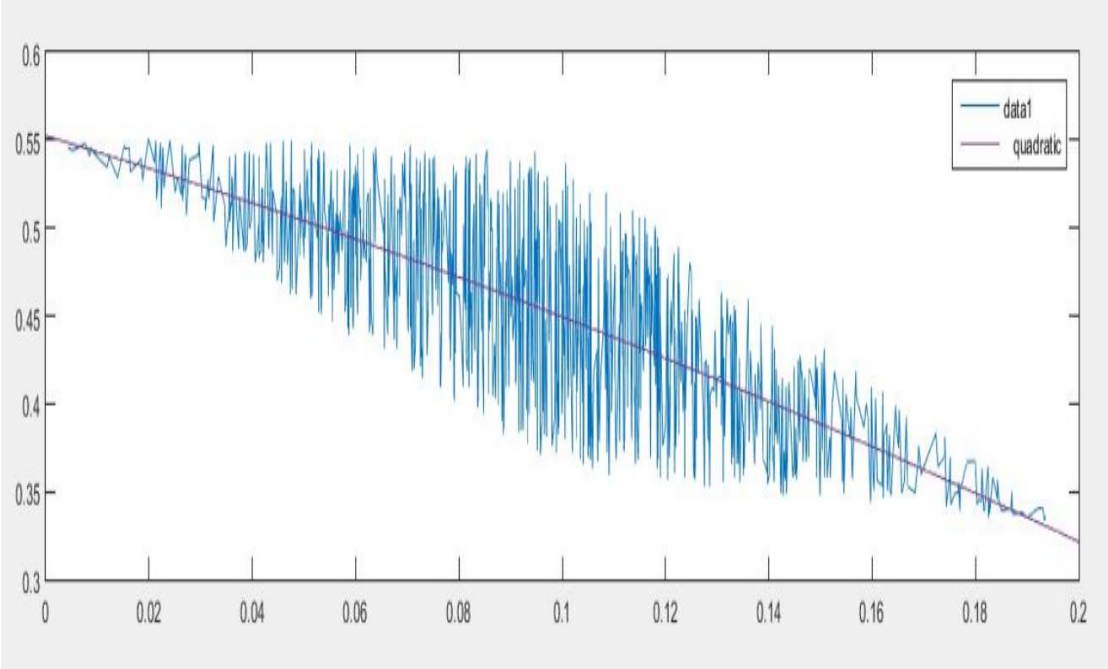
The Sharpe ration for the stock-and-bond portfolio is 0.629. By including commodities, the Sharpe ratio drops to 0.415 with the S&P GSCI index, to 0.481 with the S&P GSAG index and to 0.434 with the S&P GSIN index.

S&P GSCI



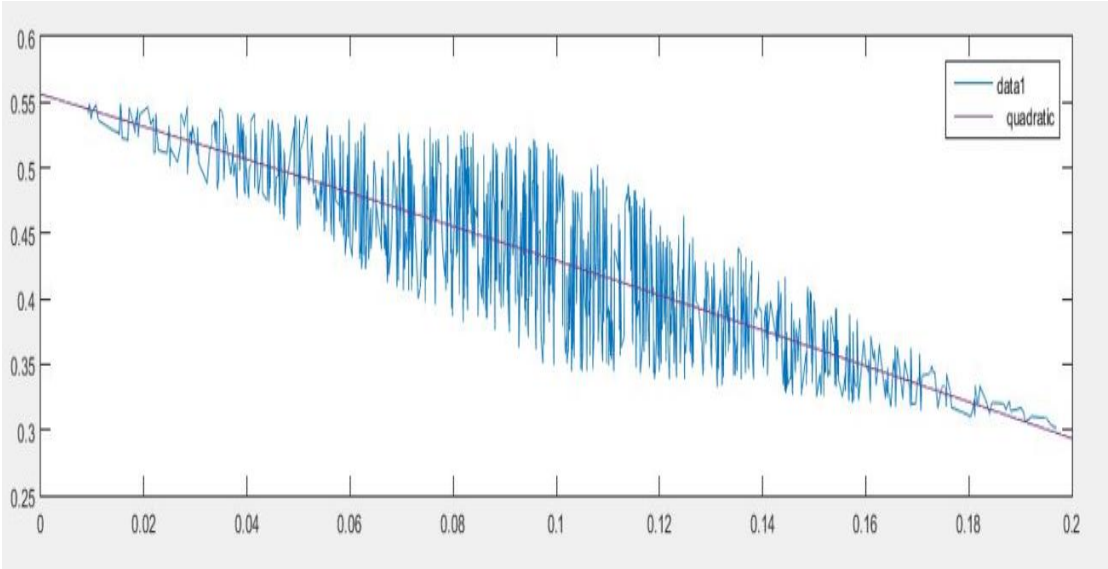
The Sharpe ratio is decreased, as the commodity's weight is increased.

S&P GSAG



As the commodity's involvement is increased in the portfolio, Sharpe ratio is falling.

S&P GSIN



Again, the Sharpe ratio is dropping as the Industrial Metals weights is increased.

Chapter 7

Conclusions

This essay examines the impact of three commodity indices in the overall performance of portfolios, in three different periods:

- Since February 1977 until April 2017
- The combined sub-periods, of the 1977-2017 period, during which the economy expanded, according to NBER.
- The combined sub-periods, of the 1977-2017 period, during which the economy recessed, according to NBER.

The impact of commodities in the portfolios performance is judged by the changes caused in the mean returns of the portfolios and in the portfolios diversification benefits.

<u>The S&P GSCI impact on the portfolios performance</u>

In all periods the gradual increase in the index's involvement in portfolios, reduces their mean return. However this index helps in diversifying the portfolio during expansion, since it reduces the standard deviation and the Value at Risk and it increases the Sharpe ratio of the portfolio. During Expansion, the best weight for this index seems to be 0.12, since for this value, the diversification measures reach their optimal level. During Recession the S&P GSCI index does not improve the diversification of the portfolio. All diversification measures deteriorate. When examining the whole period of 1977-2017, the diversification provided during expansion, exceeds the lack of diversification during recession. And thus, during the whole span in examination, this index provides positive diversification outcomes.

The S&P GSAG impact on the portfolios performance

During all periods, agricultural products do not boost the returns of portfolios. They offer however some diversification benefits. During Expansion, and until a certain weight of involvement in the portfolio, they diversify better the portfolio, or keep steady the portfolio's diversification. During Recession, agricultural products do not advocate in diversifying the portfolio.

The S&P GSIN impact on the portfolios performance

Unlike the two previous indices, industrial metals boost the portfolios returns during Expansion. Their offered boost is significantly larger than the downfall of the returns during Recession, and when the portfolios are examined for the whole 1977-2017 period their returns are increased. Industrial metals benefit the portfolio's diversification during Expansion, as long as their involvement in the portfolios remains limited fewer than 10%. When their involvement is increased, their benefit in the portfolio diversification is decreased.

BIBLIOGRAPHY

Papers

Abanomey, W.S., Mathur, I., (1999), 'The hedging benefits of commodity futures in international portfolio construction.' *Journal of Alternative Investments 2,* pp. 51-62.

Bansal Y., Kumar S., Verma P. (2014), 'Commodity Futures in Portfolio Diversification: Impact on Investor's Utility', *Global Business and Management Research: An International Journal* Vol. 6, No. 2, pp.112-121.

Belousova J., Dorfleitner G. (2012), 'On the diversification benefits of commodities from the perspective of euro investors', *Journal of Banking & Finance,* Vol. 36, pp. 2455–2472.

Cheung C.S., Miu P. (2010), 'Diversification benefits of commodity futures', *Journal of International Financial Markets, Institutions and Money,* vol. 20, issue 5, pp. 451-474.

Daskalaki C., Skiadopoulos G.S., Topaloglou N. (2016), 'Diversification benefits of commodities: A stochastic dominance efficiency approach'

Erten B., Ocampo J.A. (2012), 'Super-cycles of commodity prices since the mid-nineteenth century' , DESA Working Paper No. 110

Gorton G., Rouwenhorst K.G., (2006), 'Facts and Fantasies about Commodity Futures', *Financial Analysts Journal* vol. 62, no. 2, pp. 47–68.

Irwin S., Sanders D. (2012), 'Financialization and Structural Change in Commodity Futures Markets', Journal of Agricultural and Applied Economics, 44, 3(August 2012):371–396

Jensen G., Mercer J. (2011), 'Commodities as an Investment', Research Foundation of CFA Institute 6 (2), 1-33

Kroese D. P., Brereton T., Taimre T., Botev Z.I. (2014), 'Why the Monte Carlo method is so important today', *WIREs Computational Statistics*, Volume 6, Issue 6, pp. 386–392.

Matsumoto A., Rousset M. (2014), 'Quarterly Review of Commodity Markets'

Metropolis N. (1987), 'The Beginning of the Monte Carlo Method', *Los Alamos Science Special Issue*, pp. 125-137.

Sawilowsky S. S., (2003), 'Deconstructing Arguments From The Case Against Hypothesis Testing', *Journal of Modern Applied Statistical Methods,* November, 2003, Vol. 2, No. 2, pp. 467-474.

Books

Αντζουλάτος, Α. (2011), *Κυβερνήσεις, Χρηματαγορές και Μακροοικονομία,* Διπλογραφία.

Geman H. (2005), *Commodities and Commodity Derivatives: Modeling and Pricing for Agriculturals, Metals and Energy*. John Wiley & Sons Ltd, Chichester.

Glasserman P., (2003), *Monte Carlo Methods in Financial Engineering*, Springer.

Zarnowitz, V. (1992), *Business Cycles: Theory, History, Indicators, and Forecasting*, University of Chicago Press.

Internet Sources

www.wikipedia.gr

www.investopedia.gr

www.nber.org

www.consensuseconomics.com

www.imf.org

financetrainingcourse.com

Appendix

Table 1: A more detailed table with the peaks and trough dates, along with the respective expansion/contraction durations.

BUSINESS CYCLE REFERENCE DATES		**DURATION IN MONTHS**			
Peak	**Trough**	**Contraction**	**Expansion**	**Cycle**	
Quarterly dates are in parentheses		*Peak to Trough*	*Previous trough to this peak*	*Trough from previous Trough*	*Peak from previous peak*
	December 1854 (IV)	--	--	--	--
June 1857(II)	December 1858 (IV)	18	30	48	--
October 1860(III)	June 1861 (III)	8	22	30	40
April 1865(I)	December 1867 (I)	32	46	78	54
June 1869(II)	December 1870 (IV)	18	18	36	50
October 1873(III)	March 1879 (I)	65	34	99	52
March 1882(I)	May 1885 (II)	38	36	74	101
March 1887(II)	April 1888 (I)	13	22	35	60
July 1890(III)	May 1891 (II)	10	27	37	40
January 1893(I)	June 1894 (II)	17	20	37	30
December 1895(IV)	June 1897 (II)	18	18	36	35
June 1899(III)	December 1900 (IV)	18	24	42	42
September 1902(IV)	August 1904 (III)	23	21	44	39
May 1907(II)	June 1908 (II)	13	33	46	56
January 1910(I)	January 1912 (IV)	24	19	43	32
January 1913(I)	December 1914 (IV)	23	12	35	36
August 1918(III)	March 1919 (I)	7	44	51	67
January 1920(I)	July 1921 (III)	18	10	28	17
May 1923(II)	July 1924 (III)	14	22	36	40
October 1926(III)	November 1927 (IV)	13	27	40	41
August 1929(III)	March 1933 (I)	43	21	64	34
May 1937(II)	June 1938 (II)	13	50	63	93
February 1945(I)	October 1945 (IV)	8	80	88	93
November 1948(IV)	October 1949 (IV)	11	37	48	45
July 1953(II)	May 1954 (II)	10	45	55	56
August 1957(III)	April 1958 (II)	8	39	47	49
April 1960(II)	February 1961 (I)	10	24	34	32
December 1969(IV)	November 1970 (IV)	11	106	117	116
November 1973(IV)	March 1975 (I)	16	36	52	47
January 1980(I)	July 1980 (III)	6	58	64	74
July 1981(III)	November 1982 (IV)	16	12	28	18
July 1990(III)	March 1991(I)	8	92	100	108
March 2001(I)	November 2001 (IV)	8	120	128	128
December 2007 (IV)	June 2009 (II)	18	73	91	81

Table 2a: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 1

SPGSCITR 1	Mean Return	Sharpe Ratio	Standard Deviation	VaR	Commodity Weight	Stock Weight	Bond Weight
	8.13175882	1.008381948	8.362878993	56239.53024	0.001520459	0.499502059	0.498977482
	8.129489459	1.009731171	8.349456861	56041.44942	0.001878659	0.498307526	0.499813815
	8.119458025	1.013908312	8.305164597	55413.22085	0.005955906	0.494243804	0.49980029
	8.123332388	1.010932071	8.333447937	55839.69677	0.006250895	0.496725393	0.497023712
	8.121572092	1.011538267	8.32671364	55746.53039	0.00712315	0.496088785	0.496788065
	8.118494119	1.013615889	8.306609639	55446.62873	0.007279567	0.494307922	0.498412511
	8.117354701	1.013806306	8.303925552	55413.8736	0.008113567	0.494027273	0.49785916
	8.119281499	1.01024692	8.335089887	55907.21333	0.010994095	0.496595039	0.492410866
	8.10739749	1.01858816	8.255166523	54711.43107	0.011221267	0.489535367	0.499243366
	8.12133872	1.008315163	8.353098736	56182.86031	0.011603266	0.49813348	0.490263254
	8.113175721	1.013781029	8.30001043	55391.26539	0.012068115	0.493434909	0.494496976
	8.108881537	1.016048953	8.277257609	55059.95662	0.013114232	0.491354234	0.495531535
	8.114864711	1.011026094	8.324297611	55773.86407	0.014049561	0.495420595	0.490529844
	8.118409591	1.008480054	8.348828462	56141.91186	0.014071789	0.497570325	0.488357886
	8.115337023	1.010610152	8.328191044	55833.18221	0.014149434	0.495754297	0.490096269
	8.102830656	1.019328007	8.244694532	54584.85047	0.014491706	0.488375258	0.497133036
	8.115281764	1.008237264	8.347736645	56155.23133	0.017183208	0.497200901	0.485615892
	8.107942121	1.013386277	8.298079125	55411.83424	0.017313222	0.492835781	0.489850997
	8.109003534	1.012287488	8.308134822	55566.62161	0.017729732	0.493679392	0.488590875
	8.090949619	1.025066034	8.186952579	53753.89024	0.018089758	0.482961773	0.498948469
	8.097019109	1.020547944	8.229144496	54387.19062	0.018209277	0.486682245	0.495108479
	8.096859955	1.020126374	8.232389199	54442.15278	0.018865335	0.486906256	0.494228409
	8.100529224	1.01727451	8.259075138	54844.40471	0.019100828	0.489235074	0.491664098
	8.099174407	1.017613146	8.254995356	54790.84646	0.019880237	0.488797827	0.491321936
	8.094539657	1.020911256	8.22378733	54323.8676	0.019958304	0.486039426	0.494002269
	8.105884918	1.012630264	8.302242792	55500.8925	0.020052598	0.492930851	0.487016551
	8.099844251	1.015840384	8.270060707	55031.95097	0.021432223	0.489959089	0.488608688
	8.098401139	1.016519842	8.263113208	54932.10591	0.021867796	0.489300836	0.488831367
	8.108095662	1.009520049	8.33001094	55935.53045	0.0218913	0.495161717	0.482946983
	8.084523252	1.026534416	8.168981487	53522.55577	0.021983815	0.480983887	0.497032298
	8.09902326	1.015512193	8.271924956	55070.82506	0.022532308	0.490000372	0.48746732
	8.111692296	1.006027582	8.362504012	56434.02759	0.022994103	0.497869803	0.479136095
	8.114592048	1.003767542	8.384221529	56762.25143	0.023226976	0.499733037	0.477039987
	8.081194317	1.027866681	8.155154617	53328.41333	0.023295587	0.479615211	0.497089202
	8.113525559	1.004424804	8.377673384	56665.20892	0.023347947	0.499148558	0.477503495
	8.077444343	1.030277244	8.132434041	52992.19286	0.023707901	0.477553713	0.498738386
	8.083703615	1.025637219	8.175328322	53635.14828	0.023747733	0.481349821	0.494902446
	8.086182796	1.022476703	8.203023274	54065.89788	0.025313589	0.483609554	0.491076857
	8.089256754	1.020203708	8.224312535	54385.33548	0.02534769	0.485480933	0.489171378
	8.111930988	1.003842626	8.380943545	56734.94399	0.025381082	0.499178247	0.475440671
	8.087402424	1.021479469	8.212225573	54205.06595	0.025436708	0.484405505	0.490157787
	8.088376284	1.020499812	8.221063417	54340.69694	0.025748266	0.485145091	0.489106643
	8.090635677	1.018704913	8.237766366	54592.84209	0.025921082	0.486592652	0.487486267
	8.07985364	1.026521109	8.164538417	53496.16987	0.026001472	0.480126276	0.493872252
	8.099179016	1.012375299	8.297709766	55493.38989	0.026086159	0.491828002	0.482085839
	8.067844827	1.034296159	8.09155303	52415.75523	0.027262266	0.473495526	0.499242208
	8.100428319	1.010220275	8.316647292	55792.39143	0.027538152	0.493290115	0.479171733
	8.070313073	1.032182135	8.110516719	52702.99769	0.027580416	0.47514	0.497279584
	8.067933327	1.033791767	8.095586547	52481.21568	0.027758072	0.473790789	0.498451139
	8.070816262	1.031030034	8.120067673	52855.06501	0.028459429	0.475872413	0.495668158
	8.109470747	1.002859483	8.38670649	56854.33842	0.028562592	0.499245819	0.47219159
	8.091861989	1.01515162	8.267808685	55074.73114	0.028972818	0.488821284	0.482205897
	8.098747943	1.010120591	8.315804477	55795.33211	0.02903781	0.493007789	0.477954401
	8.100990858	1.008000136	8.335522932	56097.24268	0.029616785	0.494643541	0.475739674
	8.078840193	1.023865077	8.184728409	53838.40016	0.029859639	0.481396894	0.488743468
	8.091364914	1.014703895	8.270966873	55131.64946	0.029887565	0.488967597	0.481144838
	8.069136733	1.030922946	8.119282006	52858.93723	0.029971883	0.475596841	0.494431276
	8.095193288	1.011715915	8.299178213	55557.40097	0.03013488	0.491398182	0.478466938
	8.088287723	1.016547516	8.25293947	54865.89697	0.030326529	0.48732504	0.482348431
	8.079060281	1.022425155	8.196470549	54029.3403	0.031285312	0.482225166	0.486489522
	8.098691786	1.007363413	8.338509287	56169.35459	0.032196624	0.494514849	0.473288527
	8.054753527	1.039404293	8.039192233	51685.40974	0.032442782	0.468123763	0.499433454
	8.104487876	1.002812356	8.382131727	56828.91896	0.032648249	0.498232367	0.469119383
	8.098633332	1.005111394	8.357134118	56476.29033	0.034743792	0.495722147	0.469534061
	8.07752907	1.020350024	8.211639405	54294.15789	0.034795236	0.483013497	0.482191267
	8.102634447	1.000914546	8.39617315	57078.41412	0.036215716	0.498854351	0.464929933
	8.085865818	1.012918175	8.280119178	55337.18244	0.036267175	0.488761714	0.474971112
	8.093089114	1.006522589	8.339908708	56248.39973	0.037545602	0.493743703	0.468710695
	8.058442529	1.031761554	8.102317716	52686.84153	0.037665927	0.47289758	0.489436493
	8.087041183	1.010715706	8.299325445	55641.34376	0.037725308	0.490182209	0.472092483
	8.08647793	1.011058505	8.295954466	55591.52862	0.037794732	0.489876223	0.472329045
	8.077085523	1.017876495	8.231158649	54619.65634	0.037806243	0.484214712	0.477979045
	8.056707744	1.032874299	8.091909289	52532.986	0.037855646	0.471943407	0.490200947
	8.048310024	1.038664811	8.038712127	51741.94774	0.038377456	0.467130999	0.494491545
	8.058924952	1.0302353	8.114789259	52887.15593	0.038891656	0.473786601	0.487321744
	8.071058691	1.02114554	8.198905792	54149.41238	0.039021289	0.481171011	0.479807699
	8.101554075	0.998961415	8.411507535	57341.44603	0.039176056	0.499646607	0.461177337
	8.066544283	1.023896763	8.172466189	53759.66369	0.039621224	0.478739801	0.481638975
	8.053104837	1.0338706	8.080626561	52383.4307	0.039625051	0.470632667	0.489742282
	8.090509019	1.006181402	8.340172452	56278.53889	0.039901792	0.493336348	0.46676186
	8.035964052	1.046495537	7.966762538	50681.94205	0.039929415	0.460438852	0.499631732
	8.092248365	1.00471546	8.354072466	56489.7803	0.040132743	0.494498486	0.465368771
	8.088917582	1.007005065	8.331770384	56156.25152	0.04024348	0.492542801	0.46721372
	8.062683375	1.02556292	8.155424306	53517.95874	0.040856461	0.47701281	0.482130729
	8.059927706	1.027214901	8.139625985	53285.65617	0.041258237	0.475546109	0.483195654
	8.08904694	1.005585757	8.343658679	56350.50301	0.041646952	0.493305498	0.46504755
	8.094011225	1.001516959	8.382512692	56939.95179	0.042186274	0.496563909	0.461249818
	8.086764838	1.006673531	8.33237586	56187.73815	0.042229657	0.492212796	0.465557547
	8.080094913	1.011425356	8.286634551	55502.05983	0.04230045	0.488222877	0.469476673
	8.055077103	1.029731388	8.115023579	52929.48863	0.042374553	0.47316395	0.484461497
	8.060581398	1.025596899	8.153104593	53500.82263	0.042426387	0.47651038	0.481063232
	8.070730836	1.017925183	8.224522167	54574.04279	0.042635144	0.482736116	0.474628741
	8.041791421	1.039345008	8.027179372	51617.43684	0.042716938	0.465314749	0.491968313
	8.034484301	1.044599616	7.979805434	50911.27609	0.042992007	0.461040014	0.495967979
	8.067760666	1.019742341	8.206953582	54314.767	0.043006463	0.481125132	0.475868405
	8.084882899	1.006608505	8.331044543	56184.65933	0.043713379	0.491801079	0.464485542
	8.064905924	1.020849074	8.195259736	54150.96777	0.044022409	0.47989826	0.476079331
	8.030592875	1.04644124	7.962043111	50658.02614	0.044108374	0.459236622	0.496655004
	8.049212466	1.032372016	8.088586018	52553.27583	0.044134496	0.470483927	0.485381577

Table 2b: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 2

SPGSCITR 2							
	8.062469537	1.022354508	8.180808967	53937.63764	0.044316354	0.478571603	0.477112044
	8.052045991	1.029740124	8.112011167	52910.24999	0.044657222	0.472448598	0.482894181
	8.05159628	1.029857435	8.110650452	52892.36532	0.044876448	0.472284198	0.482839354
	8.084900796	1.005430041	8.340827151	56345.38995	0.044921773	0.492401361	0.462676866
	8.047852636	1.032534226	8.08599833	52524.31044	0.044993747	0.470082605	0.484923648
	8.057893796	1.024763789	8.157110228	53593.58548	0.045298957	0.47629006	0.478410984
	8.037554261	1.039814252	8.019481979	51533.19759	0.045449902	0.464091364	0.490458734
	8.029861537	1.045385758	7.969382467	50786.06119	0.045705159	0.459574302	0.494720539
	8.08817024	1.002202276	8.37095248	56808.21308	0.045831749	0.494817963	0.459350288
	8.061124149	1.021658598	8.185064516	54021.08907	0.046025783	0.478593731	0.475380485
	8.084474338	1.003974236	8.352496932	56541.60535	0.046734969	0.493028566	0.460236465
	8.025977714	1.046855194	7.954486115	50579.87624	0.047164136	0.45794263	0.494893234
	8.065202785	1.017394341	8.223379903	54610.53475	0.047302085	0.481677281	0.471020634
	8.068834768	1.014425791	8.251024605	55028.9298	0.047617394	0.484022537	0.46836007
	8.018547367	1.052037264	7.908241506	49893.52357	0.047651582	0.453697145	0.498651273
	8.037033878	1.037508266	8.036804658	51823.33414	0.048109377	0.465074734	0.486815889
	8.021465422	1.048924831	7.934489266	50296.08026	0.048498475	0.455870956	0.49563057
	8.048788024	1.026912994	8.131171252	53257.98501	0.049871996	0.473026717	0.477101287
	8.087558606	0.998658227	8.400046957	57292.89097	0.049899197	0.496433116	0.453667688
	8.057232766	1.020321356	8.191978052	54173.72045	0.050211694	0.47828776	0.471500546
	8.079221014	1.004160401	8.34571688	56482.61666	0.050371185	0.491632683	0.457996133
	8.051241667	1.024371944	8.153736648	53604.61633	0.050577335	0.47485126	0.474571405
	8.060814412	1.017315475	8.219703727	54593.95076	0.050580543	0.480628762	0.468790695
	8.057228127	1.019713126	8.196859789	54254.06427	0.050812716	0.478578154	0.47060913
	8.07496723	1.006759988	8.319941916	56101.19407	0.050836438	0.489293025	0.459870536
	8.074373177	1.007032297	8.317102237	56060.42602	0.050992464	0.489010703	0.459996833
	8.062816047	1.015175416	8.239003142	54891.38154	0.051244885	0.482160577	0.466594538
	8.038244829	1.033155668	8.071835131	52387.42462	0.051450001	0.467435024	0.481114975
	8.020601477	1.046339892	7.953265409	50613.55977	0.05160173	0.456863515	0.491534755
	8.058531771	1.017614386	8.215046168	54540.16714	0.051929883	0.479909718	0.468160399
	8.006698109	1.056611223	7.862793165	49264.45746	0.051983422	0.448660794	0.499355784
	8.032842026	1.036602113	8.039786253	51914.29552	0.052038357	0.464462131	0.483499512
	8.029714148	1.038801187	8.01975551	51616.09789	0.052191446	0.462649534	0.48515902
	8.0251076	1.042189045	7.98926551	51160.64751	0.052286622	0.459916495	0.487796883
	8.015077153	1.049753666	7.922139085	50156.82054	0.052366785	0.453903498	0.493729717
	8.022275665	1.043702765	7.974965037	50953.74502	0.052889744	0.458501998	0.488608258
	8.04851817	1.023792037	8.155694968	53664.0628	0.0530966	0.474436931	0.472466469
	8.051909487	1.021073184	8.180732788	54041.9851	0.053301844	0.476583284	0.470114871
	8.052964051	1.020289335	8.188051324	54151.81868	0.053308105	0.477222634	0.469469262
	8.026718588	1.039674017	8.010141491	51487.91696	0.053511084	0.461485843	0.485003073
	8.026084829	1.040104288	8.006218524	51429.72748	0.053557661	0.461126172	0.485316167
	8.018875438	1.045480707	7.958150521	50711.1731	0.053652363	0.456822416	0.489525221
	8.025987279	1.039850548	8.008078359	51461.29456	0.053866339	0.461217892	0.484915768
	8.01441257	1.048405143	7.931695128	50320.64928	0.054105185	0.454350538	0.491544277
	8.02162966	1.042850933	7.980859767	51057.16475	0.054152113	0.458728029	0.487119858
	8.012102489	1.050017697	7.917314061	50107.20261	0.054251572	0.453028108	0.49272032
	8.009419393	1.051912696	7.900500502	49857.47513	0.054404989	0.451484041	0.49411097
	8.08062602	0.998991478	8.390305218	57201.97948	0.054506293	0.494497628	0.450996078
	8.061968172	1.01219175	8.262451815	55285.55663	0.054759267	0.483363389	0.461877344
	8.053706133	1.017925387	8.207795613	54469.1625	0.055057999	0.478524026	0.466417975
	8.017681968	1.044848203	7.96182578	50783.56044	0.055091517	0.456804361	0.488104123
	8.010390694	1.05040863	7.912737813	50049.04796	0.055106089	0.45241211	0.492481801
	8.03986494	1.027970632	8.114125122	53066.83196	0.055243151	0.470262942	0.474493907
	8.073788306	1.002963963	8.35025585	56611.60315	0.055414702	0.490815078	0.45377022
	8.013626843	1.047189701	7.940150889	50467.59146	0.055789484	0.454698092	0.489512424
	8.021820859	1.04088547	7.996113398	51306.15264	0.055850417	0.459671867	0.484477716
	8.063093583	1.010080307	8.280837593	55576.72167	0.056007151	0.48465118	0.45934167
	8.002214135	1.055497869	7.866838737	49375.84095	0.05621447	0.448019288	0.495766242
	8.044500279	1.023471281	8.154325214	53681.71125	0.056242716	0.473547392	0.470209892
	8.07123938	1.003574981	8.342632022	56511.6916	0.056601961	0.489856297	0.453541742
	8.039430367	1.026430914	8.125873492	53264.42118	0.056999184	0.470857366	0.47214345
	8.025276329	1.037028272	8.029186804	51815.60707	0.057004462	0.462319774	0.480675764
	8.07746686	0.998675847	8.389793622	57225.15608	0.05702335	0.493819355	0.449157295
	8.051594046	1.017328573	8.210534586	54535.33548	0.057106458	0.478248935	0.464644607
	8.030608603	1.032634924	8.06851076	52409.10584	0.05735885	0.465710004	0.476931146
	8.072904943	1.001576597	8.360940499	56796.18363	0.05737726	0.491239462	0.451383278
	8.079541932	0.996563091	8.409662572	57531.22051	0.057638217	0.495371344	0.446990439
	8.085500494	0.992281191	8.451956927	58167.31512	0.057689501	0.498991598	0.443318901
	8.030012479	1.032589322	8.068289774	52411.43219	0.057816353	0.465573499	0.476610148
	8.078914995	0.996701927	8.407862131	57507.87525	0.057936823	0.495138735	0.446924442
	8.016813325	1.04221074	7.981140852	51109.95153	0.058133343	0.457764119	0.484102538
	8.003982294	1.051954233	7.895019979	49821.69954	0.058195538	0.450052559	0.491751903
	8.022204156	1.037951657	8.01908402	51680.1528	0.058293024	0.461094698	0.480612278
	8.055288561	1.013338405	8.246510656	55090.14401	0.058324028	0.481072065	0.460603907
	8.073281269	1.000178374	8.373005137	56990.86599	0.058465484	0.491997388	0.449537128
	8.022767862	1.037195496	8.025473774	51779.61783	0.058596471	0.461582851	0.479820678
	8.032428916	1.029935195	8.091427835	52767.85506	0.058598947	0.46741328	0.473987772
	8.041515147	1.023009417	8.1550887	53724.12079	0.05875316	0.472970897	0.468275943
	8.028494168	1.03252229	8.067343085	52411.04366	0.05893101	0.465201147	0.475867842
	8.061118369	1.007370097	8.301155443	55930.67269	0.059959946	0.485387654	0.4546524
	8.030465228	1.029832228	8.090330051	52769.435	0.060047557	0.466935109	0.473017334
	8.040955089	1.02181158	8.164100546	53877.95306	0.060252017	0.473364151	0.466383832
	8.07882566	0.994359991	8.427574648	57833.01066	0.060258352	0.496217328	0.443524319
	8.040126663	1.022296509	8.159417524	53809.20845	0.060370318	0.472922011	0.46670767
	8.052717873	1.013023474	8.246536707	55116.2794	0.060387591	0.480527635	0.459084773
	8.019397517	1.037681171	8.018469583	51698.11259	0.060476475	0.460466386	0.479057139
	8.081546377	0.99219068	8.448742705	58153.98704	0.060489779	0.497971831	0.44153839
	8.024515631	1.033434968	8.056368596	52270.31474	0.060830587	0.463727263	0.475442151
	8.069633359	1.000092632	8.370075415	56979.15546	0.061044432	0.491054409	0.447901159
	8.03900509	1.021805137	8.162243638	53866.90962	0.061588766	0.472839671	0.465571563
	8.060377144	1.005925741	8.312337775	56122.01793	0.061824662	0.485850071	0.452325267
	8.018179554	1.036906394	8.023286378	51789.52145	0.062008254	0.460478737	0.477513009
	8.082051547	0.989835191	8.469358352	58488.03256	0.062406529	0.499211673	0.438381798
	8.039295617	1.020648081	8.171781403	54020.88663	0.062453864	0.473436982	0.464109153
	7.984157651	1.062477454	7.798165513	48426.83177	0.062491528	0.440186586	0.497321887
	8.001119682	1.04917696	7.913190421	50149.20282	0.062646235	0.45049649	0.486857274
	8.082955101	0.988929499	8.478028512	58621.60847	0.062663488	0.499882204	0.437454309
	8.064169656	1.001858198	8.349871337	56701.46497	0.063075367	0.488748494	0.448176138
	8.03134557	1.025795403	8.123026228	53298.43584	0.063132453	0.468971169	0.467896379
	7.991061077	1.056347809	7.849950929	49209.5918	0.063158385	0.444677237	0.492164378

Table 2c: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 3

SPGSCITR 3							
	8.017871114	1.035787509	8.031655561	51930.26666	0.063221693	0.460884577	0.47589373
	7.982401481	1.062792955	7.794198138	48379.13596	0.063408228	0.439574148	0.497017624
	7.983687452	1.061537691	7.804626167	48537.80205	0.06362685	0.440456717	0.495916433
	7.991627628	1.055068604	7.860005486	49369.30904	0.063892286	0.445377092	0.490730622
	8.076721326	0.991846479	8.446809964	58170.44679	0.064073817	0.496808903	0.43911728
	7.983975413	1.060538375	7.812251774	48660.35252	0.064297498	0.440957623	0.494744879
	8.059981815	1.003529554	8.3317917	56445.95981	0.064326131	0.486831815	0.448842054
	7.992976929	1.053253911	7.874828881	49599.63918	0.064565054	0.446519416	0.48891553
	7.997292141	1.04987485	7.904284528	50040.98934	0.064614826	0.449147379	0.486237794
	8.049347838	1.010780328	8.261503514	55396.1618	0.064742424	0.480618636	0.45463894
	8.069623144	0.995735519	8.406690709	57581.5256	0.065153913	0.493052946	0.441793142
	8.020193145	1.031611048	8.06642247	52478.91111	0.065389884	0.463343322	0.471266794
	8.060773527	1.00147668	8.349661144	56731.9689	0.065699959	0.487979699	0.446320342
	8.024022056	1.02830282	8.096097067	52928.72569	0.065784279	0.46584598	0.468369741
	7.983686275	1.058653069	7.82589113	48887.59134	0.066113107	0.441668861	0.492218033
	8.020437655	1.030249692	8.077318643	52655.69212	0.066435241	0.464000802	0.469563957
	8.075465998	0.989978753	8.461477945	58424.2669	0.066662866	0.49731447	0.436022664
	8.005388296	1.041332812	7.976898061	51154.41411	0.066670815	0.455035342	0.478293844
	8.063559583	0.998351381	8.378590074	57179.94688	0.066742519	0.490169316	0.443088165
	8.075723441	0.989640875	8.464626961	58473.48917	0.066808881	0.497541034	0.435650085
	7.980316237	1.060419253	7.809678678	48654.62062	0.06684297	0.439991515	0.493165515
	7.986711902	1.055394909	7.852917634	49301.8815	0.066894696	0.443875721	0.489229583
	8.017659254	1.031567569	8.06430611	52469.439	0.067110012	0.46265356	0.470236428
	8.020800832	1.029000802	8.087474963	52819.11693	0.06729923	0.464641408	0.468059362
	8.051942709	1.006065758	8.302797344	56049.43617	0.067329246	0.483446224	0.449224531
	8.05241564	1.005715232	8.306161391	56100.04051	0.06733701	0.483735365	0.448927625
	7.973509066	1.064930165	7.770205722	48073.41997	0.067523748	0.43621635	0.496259901
	7.998565549	1.045280774	7.940242608	50619.71304	0.067754965	0.451447553	0.480797483
	7.99560245	1.047535644	7.920322226	50321.68289	0.067765156	0.44966467	0.482570174
	7.978276366	1.060761795	7.805233744	48601.90667	0.067900325	0.439276514	0.492823161
	7.986309484	1.054473873	7.859395184	49412.4519	0.067947118	0.444146309	0.487906574
	8.00269554	1.041849745	7.970355583	51073.72749	0.067999664	0.454058849	0.477941487
	8.005917476	1.039052587	7.994912841	51445.43908	0.068303977	0.456151329	0.475544693
	7.982421773	1.056833696	7.838167153	49102.15898	0.068498706	0.442069645	0.489431648
	7.991542534	1.049381888	7.902518632	50069.43899	0.068851006	0.447744729	0.483404265
	8.076854385	0.986328627	8.494199138	58948.59875	0.069152492	0.499366683	0.431480825
	8.043046697	1.010143319	8.260475454	55442.26314	0.069475202	0.479125456	0.451399342
	7.998540411	1.0429556	7.957920549	50910.74068	0.069768598	0.452414682	0.47781672
	7.967558579	1.06683415	7.75076048	47813.07908	0.06983395	0.433752956	0.496413093
	7.995422987	1.045214147	7.937742141	50610.00964	0.069870489	0.450583417	0.479546094
	8.005753361	1.037302906	8.008240124	51666.29452	0.069922529	0.456841874	0.473235597
	8.025969287	1.02196271	8.148229477	53766.75522	0.070110046	0.469131097	0.460758857
	8.053468771	1.001893361	8.338897616	56627.97217	0.070113938	0.485725447	0.444160615
	7.9846006	1.053163066	7.867554666	49563.75228	0.070175972	0.4442025	0.485621528
	8.07559097	0.985834594	8.497174282	59010.16966	0.070430324	0.499227729	0.430341947
	8.045459415	1.00728437	8.286316209	55843.17856	0.070465201	0.481064171	0.448470628
	8.010337488	1.033084191	8.045379993	52231.34973	0.070579944	0.459928516	0.46949154
	8.029480087	1.018435138	8.179899896	54252.57925	0.070930933	0.471649867	0.4574192
	8.067376408	0.990914468	8.44532406	58239.45503	0.07107805	0.494587259	0.434334692
	7.975963702	1.058663125	7.818522148	48843.60811	0.071170838	0.439476547	0.489352615
	7.962860096	1.068744425	7.732510496	47559.87839	0.071305261	0.431635757	0.497058982
	7.968330816	1.064361929	7.769488916	48113.41208	0.071380234	0.434973217	0.493646549
	8.013538111	1.029723618	8.074744872	52682.35278	0.071408014	0.462263638	0.466328347
	7.975310043	1.05882298	7.816724408	48820.5745	0.071460318	0.439223362	0.489316321
	8.027693424	1.019092107	8.172873445	54154.87104	0.071509171	0.470853921	0.457636907
	8.05563659	0.998683372	8.367871354	57082.86956	0.071605822	0.487761227	0.440632952
	7.991575811	1.046028324	7.9278859	50486.36065	0.071673207	0.449141543	0.47918525
	7.982259657	1.053033832	7.866297168	49566.4777	0.071799811	0.443582185	0.484618004
	8.006556467	1.03403703	8.034309817	52087.07176	0.072203303	0.458439062	0.469357635
	8.05371784	0.999238784	8.361299989	56993.96773	0.072340687	0.486961989	0.440697323
	8.036158423	1.011922328	8.239146011	55160.30776	0.072351418	0.476372342	0.45127624
	8.060981893	0.993981376	8.412832966	57768.96924	0.072408621	0.491378063	0.436213316
	7.955952563	1.071995802	7.702614077	47137.20138	0.073093851	0.428340454	0.498565695
	8.061711165	0.99267768	8.424616296	57955.49505	0.073117737	0.49216401	0.434718253
	8.051442353	0.999816502	8.354192718	56899.8184	0.073281442	0.486047943	0.440670615
	7.97777436	1.054700841	7.849611407	49336.87433	0.073293349	0.441604461	0.48510219
	8.029750991	1.01528006	8.205586531	54672.37777	0.073515071	0.473073926	0.453411003
	8.071764737	0.985122304	8.499434129	59085.60318	0.073541643	0.498436857	0.4280215
	8.064781004	0.990012537	8.450396413	58348.84185	0.073562349	0.494233161	0.43220449
	8.068132665	0.98759635	8.474464344	58711.20748	0.073610939	0.496279166	0.430109895
	7.958074609	1.069590714	7.721918203	47433.50554	0.073687009	0.429910195	0.496402796
	8.015352991	1.025611854	8.10888676	53225.78807	0.073778311	0.464514974	0.461706715
	7.993105529	1.042351098	7.957321612	50955.23784	0.073782693	0.45109359	0.475123717
	7.972763158	1.057702884	7.822594296	48942.59442	0.074017887	0.438934282	0.487047831
	8.059201398	0.993308249	8.416741527	57851.06429	0.074151247	0.491153854	0.434694899
	7.992183475	1.042385705	7.956172869	50945.56325	0.07434069	0.450809451	0.474849859
	8.051321465	0.998638579	8.363925677	57061.1202	0.074406118	0.486523646	0.439070235
	8.014766096	1.025314228	8.110668187	53260.95889	0.074406453	0.46446728	0.461126267
	8.042660017	1.004643185	8.305314297	56183.66327	0.074601894	0.481393064	0.444005042
	8.003642186	1.033178076	8.038168608	52179.68602	0.074792935	0.457943946	0.46726312
	8.049218639	0.999664752	8.353236435	56906.32608	0.074831275	0.485462258	0.439706467
	7.975607215	1.054437084	7.849519643	49357.03639	0.074889605	0.441075554	0.484034841
	7.957923097	1.068151956	7.732177469	47603.77057	0.074945544	0.43043272	0.494621735
	8.032219903	1.011744817	8.236698772	55159.43947	0.075018116	0.475296822	0.449685062
	8.035987577	1.008901927	8.263642626	55564.94969	0.075104649	0.477612349	0.447283002
	8.071825368	0.983346404	8.514845559	59338.49232	0.075115239	0.499241077	0.425643684
	7.948817126	1.074928239	7.674963052	46753.73687	0.075272939	0.425098132	0.499628929
	8.016819425	1.022695761	8.133442159	53615.02409	0.075340373	0.466161792	0.458497835
	7.958832798	1.066918269	7.741970897	47755.76112	0.07536375	0.43118562	0.49345063
	8.052381649	0.996630164	8.381844483	57345.2565	0.075515194	0.487704366	0.436780441
	7.961298249	1.064738633	7.760135104	48029.88122	0.075563078	0.432770444	0.491666478
	7.9650248	1.061561286	7.786872317	48432.40374	0.075777967	0.435123772	0.489098261
	7.958828072	1.06639994	7.745729492	47817.63177	0.075783648	0.431387604	0.492828747
	7.970607159	1.057155636	7.824604315	48997.21628	0.075830437	0.438517615	0.485651948
	8.053180981	0.99542833	8.392767333	57516.92807	0.076074678	0.488459591	0.435465731
	7.992468586	1.040029544	7.974471517	51243.69812	0.076121658	0.451850278	0.472028064
	8.017674185	1.021047015	8.147412859	53836.27407	0.076206371	0.467099985	0.456693645
	7.992932986	1.039445161	7.9794016	51320.14676	0.07631428	0.452224449	0.471461271
	8.057294681	0.992049125	8.425502189	58014.23153	0.076479872	0.49113935	0.432380778
	8.010544982	1.025920778	8.101758492	53156.61857	0.076558696	0.462970288	0.460471016

Table 2d: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 4

SPGSCITR 4							
	8.009975457	1.026109471	8.099713609	53128.67851	0.076757226	0.462723499	0.460519275
	8.052018799	0.995409991	8.391754422	57511.88898	0.076821802	0.488122826	0.435055373
	7.975654748	1.052007809	7.867690779	49655.44965	0.076843632	0.442057454	0.481098913
	8.009438194	1.02638902	8.096984111	53089.15487	0.076858844	0.462448901	0.460692255
	7.959859249	1.064093587	7.763486919	48099.40367	0.076985917	0.432596284	0.490417799
	8.044779888	1.000260986	8.34381966	56795.82142	0.0771053	0.483893358	0.439001342
	7.948681077	1.072692838	7.690830192	47016.08858	0.077134782	0.425924295	0.496940923
	7.949730641	1.07173608	7.698675245	47134.63259	0.077236208	0.426607051	0.496156741
	7.948083599	1.072960677	7.68835351	46981.32557	0.077296348	0.425642608	0.497061044
	8.037210123	1.005339046	8.294144696	56054.43863	0.077429679	0.479484205	0.443086116
	8.006269716	1.027652712	8.083944126	52906.351	0.077781166	0.460987056	0.461231777
	7.973746047	1.052002087	7.865919222	49645.39716	0.078041133	0.441489964	0.480468902
	7.942940527	1.075953887	7.662185172	46602.32543	0.078144918	0.422953369	0.498901714
	7.983484891	1.044300749	7.933253223	50655.55445	0.078231595	0.447459033	0.474309372
	7.966130294	1.057640835	7.816781849	48913.31682	0.078242078	0.436992849	0.484765074
	7.957537983	1.064316945	7.759676675	48059.9434	0.078256105	0.431815321	0.489928574
	7.985247302	1.042874074	7.945796046	50844.24142	0.078299635	0.448555617	0.473144748
	7.965363705	1.058050213	7.813032875	48859.31756	0.078390747	0.436602834	0.485006418
	8.024517535	1.013348359	8.216063953	54897.05058	0.078476253	0.472336381	0.449187367
	7.951352667	1.068877041	7.720785218	47482.08902	0.078486607	0.428195712	0.493317681
	7.942721029	1.075571474	7.664705337	46645.97345	0.078580769	0.423033547	0.498385684
	7.960669358	1.061403791	7.783924289	48427.4674	0.078628595	0.433886419	0.487484986
	7.966263851	1.057006404	7.821599957	48991.23206	0.078667396	0.437280914	0.48405169
	8.014995988	1.019846001	8.154381515	53977.68023	0.078897616	0.466796885	0.4543055
	7.991091084	1.037430233	7.993123978	51564.27883	0.079126073	0.452484754	0.468389173
	8.018340273	1.016913924	8.181181781	54385.06252	0.079292547	0.469007393	0.45170006
	7.984283544	1.042214532	7.949899644	50921.3772	0.079435366	0.448528147	0.472036487
	8.038098313	1.001654766	8.325538886	56561.9452	0.080055857	0.481301225	0.438642917
	8.053688804	0.99047419	8.435258872	58210.77347	0.080115069	0.490736994	0.429147937
	8.042754299	0.998187134	8.359125669	57067.83876	0.080167472	0.484164971	0.435667557
	8.02045278	1.014280258	8.20450768	54747.61436	0.08020638	0.470727813	0.449065807
	8.050196785	0.992435752	8.415067837	57913.58068	0.080559863	0.488846985	0.430593153
	8.009759498	1.021704002	8.134427267	53701.82694	0.0805812	0.464458619	0.454960181
	7.95941407	1.059740045	7.794960188	48621.54468	0.080722132	0.434150288	0.48512758
	8.011603916	1.02010416	8.148992657	53922.96212	0.08077822	0.465667602	0.453554178
	8.012004977	1.019791324	8.151885754	53966.53872	0.080792224	0.465916423	0.453291353
	7.937545369	1.076816029	7.651040231	46472.95905	0.080803274	0.420994883	0.498201843
	8.062555039	0.983371696	8.50519947	59272.53157	0.080879981	0.496459785	0.422660235
	8.013804442	1.018183618	8.166524863	54189.33598	0.081026854	0.46711663	0.451856516
	8.031221337	1.005432721	8.287415513	56003.64127	0.081064143	0.477643708	0.441292149
	8.038438924	1.000177163	8.338179102	56766.45214	0.081114362	0.482023104	0.436862533
	8.018437165	1.014628977	8.199701317	54688.71286	0.081154257	0.469974041	0.448871701
	8.038921899	0.999590514	8.343555859	56850.06217	0.081320451	0.482415054	0.436264495
	7.988317365	1.036560714	7.997153127	51658.28961	0.081543619	0.451990502	0.46646588
	7.971312643	1.049382356	7.883237207	49954.58669	0.081644444	0.441779493	0.476576063
	8.002443535	1.025782722	8.094951052	53125.66063	0.081698205	0.460589264	0.45771253
	7.983578129	1.039941159	7.96660027	51203.1322	0.081710072	0.449212173	0.469077755
	8.054621906	0.987574988	8.46096691	58624.30203	0.082070478	0.492253897	0.425675625
	8.051662116	0.989520265	8.441342537	58331.10772	0.08219212	0.49052738	0.427280501
	7.955038814	1.061075128	7.78102887	48436.14744	0.082347245	0.432303144	0.485349611
	8.026283715	1.006940687	8.270100922	55768.21781	0.082811101	0.475516687	0.441672212
	8.009285708	1.019322317	8.152968852	54011.54679	0.082845734	0.46527744	0.451876826
	7.997541473	1.027930885	8.073265419	52817.98433	0.082930422	0.458232596	0.458836982
	7.939488367	1.072203406	7.685767187	47024.73667	0.083168954	0.42332127	0.493509776
	7.999709173	1.025546457	8.094149718	53139.82347	0.083557853	0.459846604	0.456595544
	8.065385024	0.978210345	8.552968653	60029.96486	0.083686222	0.499536272	0.416777506
	7.93521685	1.074495425	7.665397216	46732.39562	0.083995674	0.421147245	0.494857082
	7.997131442	1.026917515	8.080832894	52946.55853	0.084003677	0.458508753	0.45748757
	8.006206798	1.019857604	8.145670687	53922.29174	0.084273627	0.464116267	0.451610106
	7.952256457	1.060313849	7.783991371	48512.69982	0.084620953	0.431733512	0.483645536
	7.928115079	1.079235608	7.625149145	46141.39148	0.084671003	0.417191668	0.498137329
	8.035348005	0.997863333	8.354415998	57064.43451	0.084966418	0.48203725	0.432996332
	8.0587175	0.981037425	8.521524948	59579.43717	0.085259822	0.496280906	0.418459272
	7.936511066	1.071780015	7.686025438	47058.75752	0.085282343	0.422555807	0.49216185
	8.040173009	0.994046456	8.39134866	57623.67269	0.085287664	0.485105239	0.429607097
	8.057149001	0.981775275	8.513523011	59463.50202	0.085566932	0.495484331	0.418948737
	7.932731551	1.07378973	7.668120411	46802.04119	0.086017996	0.420634218	0.493347786
	8.025709434	1.003496423	8.297913811	56231.44195	0.086042519	0.476746542	0.437210939
	8.014021615	1.01196325	8.216937729	55016.38211	0.086047742	0.469696973	0.444255285
	7.95389976	1.057150656	7.808836992	48904.94088	0.086077097	0.433435378	0.480487525
	8.002418744	1.020426851	8.137414386	53824.36822	0.086089472	0.462716469	0.451194059
	7.948964893	1.060911479	7.776503926	48422.45795	0.086131425	0.430484314	0.483384261
	8.063306976	0.976762616	8.563518129	60224.26878	0.086206948	0.499512103	0.414280949
	8.027491642	1.002006481	8.312031103	56445.82864	0.086215415	0.477906221	0.435878363
	8.012903777	1.01253466	8.211196609	54933.12747	0.08624846	0.469120414	0.444631126
	7.944699536	1.064082672	7.749319807	48017.97255	0.086249362	0.427968245	0.485782393
	8.004100282	1.018862442	8.151559356	54040.2169	0.086352927	0.463859583	0.44978749
	7.925505384	1.078817082	7.625688277	46176.35636	0.086541137	0.416529343	0.49692952
	7.983483206	1.033825509	8.0136353	51977.73883	0.086658752	0.451568981	0.461722267
	7.996553329	1.023742861	8.105327063	53355.23288	0.086916839	0.459581044	0.453502117
	7.922035153	1.08095231	7.607414744	45910.48581	0.087006422	0.414662475	0.498331103
	7.926896257	1.07707013	7.639348095	46387.13165	0.087021391	0.417602838	0.495375771
	8.016805454	1.008694391	8.246326059	55471.93874	0.087070158	0.471875425	0.441054416
	7.9489002	1.059553273	7.78641131	48586.06683	0.087208509	0.430970707	0.481820783
	7.924038333	1.078900965	7.623735629	46158.90867	0.087347055	0.416037309	0.496615636
	7.990199481	1.027825114	8.066952984	52787.57393	0.087431651	0.45599844	0.456569909
	8.035104232	0.994939932	8.37871851	57466.61298	0.087573538	0.483161978	0.429264484
	8.032964005	0.996267466	8.365405555	57269.03664	0.087737734	0.481950721	0.430311546
	8.043053139	0.989105565	8.436177924	58332.24718	0.087747512	0.488043004	0.424209484
	7.971138702	1.041602006	7.941954841	50922.14523	0.087879352	0.444716076	0.467404572
	8.057951224	0.978423667	8.543506149	59948.65853	0.087976771	0.497143947	0.414879282
	8.044983015	0.987293213	8.453618743	58599.82435	0.088131894	0.48939495	0.422473156
	7.993470164	1.024500173	8.096326163	53238.0129	0.088143434	0.458319106	0.45353746
	8.002418851	1.017868218	8.157869646	54160.82624	0.08815998	0.463726575	0.448113445
	8.023157863	1.002698344	8.301973671	56323.73641	0.088228452	0.476273342	0.435498206
	7.921302168	1.079883625	7.614264506	46030.48422	0.088230603	0.414817396	0.496952001
	7.965036926	1.045647774	7.905390824	50381.73843	0.088345398	0.441261776	0.470392825
	8.05746834	0.978301104	8.544082896	59962.97401	0.088369791	0.497044312	0.414585897
	8.055891822	0.9792873	8.533868672	59810.73014	0.088461667	0.496137902	0.415400431
	8.014015081	1.009003628	8.241033277	55412.78394	0.088477157	0.470878156	0.440644687

Table 2e: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 5

SPGSCITR 5							
	7.927220499	1.074833048	7.65554977	46650.38307	0.088496416	0.418518028	0.492985556
	8.009246128	1.012268015	8.209746232	54945.84738	0.08864529	0.468082717	0.443271993
	7.966488177	1.044061115	7.918794649	50587.69922	0.088716957	0.442318677	0.468964366
	8.033069756	0.994992938	8.37622744	57445.98328	0.088739406	0.482503168	0.428757426
	7.960275328	1.04877753	7.877259461	49966.63467	0.088740217	0.438581357	0.472678427
	8.051139818	0.98225494	8.503247851	59354.58251	0.088750511	0.493411575	0.417837914
	7.986771766	1.028513969	8.058217396	52678.16345	0.088915575	0.454654141	0.456430284
	7.958875687	1.049503343	7.870478104	49869.08768	0.089006825	0.437866909	0.473126266
	7.929900663	1.071958389	7.678579819	47002.39201	0.089061035	0.420410602	0.490528363
	7.916146425	1.082552166	7.590732411	45694.97313	0.089287348	0.412222064	0.498490588
	7.963512959	1.045531002	7.904816149	50387.52554	0.089333394	0.440824223	0.469842383
	7.951161391	1.054710942	7.824303756	49186.73021	0.089562165	0.433483218	0.476954617
	8.011910744	1.009042415	8.238631015	55394.31363	0.089689954	0.470200086	0.440109959
	7.914658565	1.082990073	7.586289255	45636.76831	0.089834704	0.411591342	0.498573954
	7.947506403	1.056766475	7.805625926	48916.05713	0.090144334	0.431561891	0.478293775
	8.024673481	0.999257457	8.332077795	56803.749	0.090168825	0.478134384	0.431696791
	8.056307247	0.976718012	8.55674262	60182.81886	0.090413231	0.497340577	0.412246191
	8.015946308	1.005223181	8.273947377	55934.86044	0.090420005	0.472991174	0.436588821
	8.001921829	1.015213884	8.178709282	54508.57797	0.090587081	0.464610682	0.444802237
	7.957609923	1.048275008	7.878493	50013.57864	0.090687508	0.437923057	0.471389435
	7.998099073	1.017860984	8.153683654	54135.17058	0.09071312	0.462365619	0.446921262
	7.927084955	1.071943228	7.676061692	46989.12959	0.090714788	0.419518418	0.489766793
	8.017017056	1.003977303	8.285281374	56110.58062	0.090805765	0.473825417	0.435368818
	7.959206316	1.046830209	7.890891608	50201.55365	0.090858276	0.438969583	0.470172142
	7.978983058	1.031840654	8.024689104	52204.5592	0.090877274	0.450911606	0.458211119
	7.978635824	1.031948706	8.023512374	52188.67605	0.09099589	0.450759958	0.458244152
	8.011178461	1.007862206	8.2475519	55548.37195	0.091076712	0.470434739	0.438488548
	7.936435637	1.064088754	7.741509344	47972.14085	0.091103272	0.425349881	0.483546847
	8.018080436	1.002739767	8.296567162	56285.58152	0.091190328	0.474654631	0.434155041
	8.035142537	0.990564456	8.415767271	58075.62783	0.091203618	0.484955928	0.423840454
	8.053076863	0.977991501	8.542297399	59977.51996	0.091231093	0.495790422	0.412978484
	8.031826055	0.992851697	8.393039436	57734.95302	0.091252257	0.482978579	0.425769163
	8.049176289	0.980430284	8.517070326	59601.57727	0.091457114	0.493547179	0.414995706
	7.971982352	1.036342965	7.983071265	51590.01372	0.091466163	0.446974842	0.461558996
	8.034637074	0.990568923	8.41521904	58071.66486	0.091496317	0.484793731	0.423709953
	7.933875791	1.065402798	7.729558432	47801.16431	0.091611594	0.424053309	0.484335097
	8.030601253	0.992907148	8.391337158	57719.20107	0.091923678	0.482567101	0.425509221
	7.908350901	1.085021291	7.566273919	45370.62197	0.092012008	0.408847607	0.499140385
	7.985390132	1.025536273	8.080267607	53054.67348	0.09206862	0.455358629	0.452572751
	7.954501349	1.048490798	7.873906724	49969.22683	0.092329621	0.436848489	0.47082189
	7.955157184	1.047624735	7.881042041	50080.034	0.092605026	0.437378551	0.470016423
	8.048485474	0.979444452	8.524937633	59737.89112	0.092692226	0.493732876	0.413574898
	7.917538802	1.076742355	7.632983098	46376.01131	0.092716542	0.414735028	0.492548429
	8.001877606	1.012559442	8.200106241	54860.96887	0.092733108	0.465630882	0.44163601
	7.956159958	1.046673997	7.889158775	50203.51466	0.09274458	0.438051675	0.469203745
	7.918171341	1.076046245	7.638508817	46460.57591	0.092858591	0.415185979	0.49195543
	7.992934879	1.018925498	8.140096882	53963.33001	0.092879915	0.460306696	0.446813389
	7.914221289	1.079000841	7.613931676	46095.81844	0.092984262	0.41286393	0.494151809
	7.934180336	1.063304501	7.745098156	48053.72457	0.092987108	0.424908072	0.48210482
	8.057806391	0.972658715	8.593994635	60780.56854	0.092991375	0.499502799	0.407505826
	8.048782475	0.978827563	8.530613747	59828.28487	0.093037828	0.494080671	0.412881501
	8.029298167	0.99213345	8.396567579	57818.26469	0.093320071	0.482462047	0.424217882
	8.009057275	1.00655908	8.256122101	55710.55107	0.093362089	0.470269733	0.436368178
	7.999992778	1.013064013	8.194161536	54782.03544	0.093425041	0.464831168	0.441743791
	8.053505134	0.974698881	8.571593435	60455.11416	0.0937677	0.497286246	0.408946054
	7.928257461	1.066863724	7.713707631	47596.62513	0.093769315	0.421715947	0.484514738
	8.055165158	0.973417496	8.584582238	60652.16073	0.093885719	0.498345432	0.407768849
	7.93664421	1.059904126	7.772270525	48476.03153	0.094082254	0.426928945	0.478988801
	7.972706452	1.031995594	8.017402297	52147.46796	0.094393703	0.448839867	0.45676643
	8.042167496	0.981445671	8.501117414	59409.26316	0.094689441	0.490895066	0.414415493
	7.941569616	1.055103951	7.812298496	49085.17901	0.094813817	0.430257676	0.474928506
	7.972920115	1.031268886	8.023259132	52241.66768	0.094828218	0.449180752	0.45599103
	7.948273052	1.049890435	7.857477471	49761.27264	0.094858853	0.43432432	0.470816827
	7.960839382	1.040198622	7.942768428	51038.52076	0.094950389	0.441951159	0.463098452
	8.000325463	1.010716934	8.213519112	55097.11239	0.095091678	0.465844926	0.439063396
	7.988380585	1.019401783	8.131826051	53872.82989	0.095133346	0.458658033	0.446208621
	8.001896735	1.009485373	8.225096023	55271.82291	0.095163035	0.466827799	0.438009166
	8.028334109	0.990438124	8.409966553	58048.29879	0.095265967	0.482829614	0.421904419
	7.986480221	1.020283151	8.122938815	53745.65151	0.095536493	0.457708069	0.446755438
	7.954584549	1.044068428	7.907337982	50518.29011	0.095609016	0.438498455	0.465892529
	8.045217708	0.977822775	8.535733989	59948.15303	0.095942389	0.493346699	0.410710912
	8.002794672	1.007536081	8.241900438	55539.25156	0.09619037	0.467870748	0.435938882
	8.024605646	0.991891901	8.393881463	57821.00723	0.096225708	0.481048143	0.422726149
	7.994991267	1.013157448	8.188469301	54738.42161	0.096227757	0.463180621	0.440591622
	7.932533694	1.060113314	7.766859426	48428.13203	0.096267055	0.425514567	0.478218377
	7.939988876	1.054203726	7.817470249	49186.05416	0.096376085	0.430066011	0.473557904
	7.995111334	1.012778635	8.191650616	54789.54893	0.09645585	0.463364336	0.440179814
	7.922629246	1.067555103	7.703439959	47484.0191	0.096464445	0.41963478	0.483900776
	8.045745113	0.976097993	8.551357105	60199.85636	0.097073159	0.494216537	0.408710303
	8.034941395	0.983508642	8.475938524	59067.36828	0.097142234	0.48773156	0.415126206
	7.902463858	1.082476872	7.578620352	45632.57315	0.097164106	0.407808837	0.495027057
	7.993555672	1.012879827	8.189296339	54766.38114	0.097262953	0.462819415	0.439917632
	8.048027308	0.97419743	8.570382594	60489.97587	0.097346739	0.495727011	0.40692625
	8.04858147	0.973611481	8.576109693	60578.63663	0.097517484	0.496144671	0.406337844
	7.991444345	1.014076551	8.177550035	54594.28489	0.097530481	0.461676003	0.440793516
	8.039750232	0.979586107	8.514787589	59658.29017	0.097616806	0.490864591	0.411518603
	7.957080574	1.039461513	7.94478474	51109.27422	0.097639673	0.440995091	0.461365236
	7.89820701	1.085156814	7.555981121	45302.75942	0.097661805	0.405483158	0.496855037
	7.907264524	1.077933895	7.615014196	46183.19196	0.097683263	0.410958686	0.491358051
	7.984456863	1.018851597	8.132366166	53920.9512	0.097796414	0.457589672	0.444613913
	8.011799871	0.998836932	8.322697127	56778.18686	0.097955927	0.474165524	0.427878549
	8.054541848	0.968960363	8.623427291	61297.33808	0.097995788	0.499974332	0.40202988
	7.962627438	1.034715297	7.98658805	51741.40883	0.098065381	0.444549591	0.457385028
	7.919760063	1.067566362	7.700671119	47467.16757	0.098068066	0.418685876	0.483246057
	7.91621326	1.06993227	7.680327886	47168.0192	0.098361067	0.416688762	0.484950171
	7.897361914	1.084643899	7.55877511	45357.16741	0.098490712	0.40537761	0.496131678
	7.99895041	1.007386437	8.239308664	55535.06329	0.098495218	0.466675583	0.434829199
	7.97362021	1.02590064	8.06592498	52936.45748	0.098525958	0.451407015	0.450067028
	8.030474417	0.984872771	8.459663071	58844.33068	0.098574881	0.485735184	0.415689935
	8.025125163	0.988118119	8.426464805	58351.76034	0.098982202	0.482706288	0.418311509

Table 2f: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 6

SPGSCITR 6							
	7.983020875	1.018349556	8.134965265	53978.06247	0.098993685	0.457307292	0.443699023
	7.903764263	1.078829619	7.60544715	46060.83067	0.099002276	0.409490168	0.491507556
	8.053076114	0.968703794	8.624198185	61324.67551	0.099045327	0.499601936	0.401352737
	7.93470558	1.054428345	7.810794361	49129.07854	0.099181781	0.428246896	0.472571322
	7.984991577	1.016504428	8.151670311	54233.129	0.099300949	0.458646251	0.442052799
	7.940370271	1.049809726	7.85055373	49726.41504	0.099379922	0.431761477	0.468858602
	8.043760881	0.97459871	8.562476211	60402.59171	0.099444135	0.494175923	0.406379942
	8.00668382	1.000612233	8.302817952	56502.36402	0.099446613	0.471805827	0.42874756
	7.9367453	1.052423198	7.827614126	49385.34185	0.099499503	0.429632601	0.470867896
	8.04264996	0.974945629	8.558289922	60344.84259	0.099787717	0.49367323	0.406539053
	8.016317411	0.992850842	8.377426345	57633.22698	0.100165064	0.477968955	0.421865981
	7.991018249	1.010783058	8.203773868	55029.88953	0.100322909	0.46278112	0.436895971
	7.921844737	1.062732426	7.737659952	48054.73299	0.100360027	0.421061784	0.478578188
	8.000145784	1.003702124	8.270743856	56040.17245	0.100700693	0.468472721	0.430826586
	7.996588401	1.006216541	8.246540833	55677.64198	0.100737288	0.466344143	0.432918568
	8.001885029	1.002302725	8.284026584	56241.26143	0.100818316	0.469579514	0.42960217
	7.91053574	1.070739146	7.669237801	47042.37873	0.100938142	0.414520257	0.484541601
	7.936612874	1.050387512	7.842658229	49634.11958	0.101048784	0.430308474	0.468642742
	8.024357257	0.985940808	8.444294603	58652.71349	0.101167057	0.483308778	0.415524165
	8.027872027	0.98347666	8.469026013	59024.36127	0.101174584	0.485433168	0.413392248
	7.898072041	1.080141329	7.59094131	45879.15305	0.101228238	0.407141511	0.491630252
	8.013738959	0.993055731	8.373101421	57587.87281	0.101450381	0.477040194	0.421509424
	7.943974915	1.043645757	7.900374484	50509.84709	0.101871047	0.435151651	0.462977302
	7.926929012	1.056612722	7.787286894	48820.1808	0.101919263	0.424890131	0.473190606
	7.955537899	1.034803816	7.979053774	51688.37642	0.1019593	0.442171497	0.455869203
	7.928425932	1.055307811	7.798334514	48986.92877	0.102027989	0.425846372	0.472125639
	7.96161717	1.030156839	8.020948122	52316.6844	0.102034542	0.445876271	0.452089187
	7.946168948	1.041730024	7.917009348	50761.52593	0.10205584	0.436565619	0.461378541
	7.986874763	1.011413769	8.194561326	54919.79156	0.102151531	0.461173096	0.436675373
	7.888410585	1.086211671	7.539624362	45131.67892	0.102329938	0.401849482	0.49582058
	7.961068013	1.029915567	8.022293933	52344.31259	0.102517392	0.44578047	0.451702137
	7.987282286	1.010618794	8.201410592	55028.37672	0.102533446	0.461605292	0.435861262
	8.018143198	0.987731448	8.422694859	58359.56989	0.103211153	0.48055654	0.416232307
	7.910779786	1.067301587	7.694167493	47449.99521	0.103213059	0.415777265	0.481009676
	7.931237609	1.051360552	7.830287133	49484.38582	0.103307383	0.428166981	0.468525637
	7.906147086	1.070651295	7.665768039	47029.19276	0.103401197	0.413073797	0.483525006
	7.999909374	1.000306747	8.2985812	56500.42012	0.103472709	0.469682332	0.42684496
	7.920420379	1.059399713	7.760656971	48447.24387	0.103506331	0.421737206	0.474756464
	8.037883024	0.973272863	8.568101227	60553.89356	0.103829353	0.492768593	0.403402054
	7.911647566	1.065600434	7.707265023	47656.75261	0.103928983	0.416650105	0.479420912
	7.932006151	1.049856285	7.842238653	49673.28541	0.103962519	0.428950289	0.467087192
	8.028612749	0.979083486	8.507783311	59654.45487	0.104291871	0.487400785	0.408307344
	8.01895467	0.985787517	8.440127229	58638.19214	0.104301605	0.481578108	0.414120287
	7.989456552	1.006448772	8.237551848	55601.10482	0.104519231	0.463885898	0.431594871
	7.994400478	1.002865243	8.271916818	56116.91902	0.10454165	0.466879867	0.428578483
	7.931942558	1.049090909	7.847899432	49767.03287	0.104543612	0.429195389	0.466260999
	8.031475177	0.976463447	8.533542753	60049.53572	0.104808851	0.489380092	0.405811057
	7.897895871	1.074880065	7.627933132	46489.37608	0.104949131	0.408850353	0.486200516
	8.023915572	0.981504913	8.482008449	59277.46789	0.104958001	0.484891588	0.410150411
	7.997219276	1.000294959	8.295989688	56484.69452	0.104967123	0.468788209	0.426244668
	8.030597283	0.976690518	8.530659936	60010.89653	0.1051122	0.488998376	0.405889425
	7.97593071	1.015434982	8.151332436	54318.18011	0.105143411	0.456029257	0.438827332
	8.030153253	0.976878768	8.528561498	59980.82059	0.105206644	0.488776532	0.406016825
	8.038330547	0.970942551	8.589126035	60895.24563	0.105470063	0.493838994	0.400690943
	7.899564442	1.072700223	7.644989396	46753.24094	0.105545899	0.410148241	0.48430586
	8.02219482	0.9818871	8.476954441	59211.54438	0.105603907	0.484168421	0.410227672
	8.012646767	0.988530554	8.410325939	58211.08358	0.105621529	0.478415978	0.415962493
	8.009886844	0.990409235	8.391585967	57930.4377	0.105669032	0.476773887	0.417557081
	8.01726715	0.985198567	8.443459849	58709.88407	0.105698716	0.481241447	0.413059837
	7.96064192	1.025654051	8.055210527	52890.00332	0.105898739	0.447172877	0.446928384
	7.97192834	1.017203525	8.133225584	54060.37261	0.106007964	0.454036083	0.439955954
	7.948279649	1.034285177	7.976037191	51711.34053	0.106312988	0.439915895	0.453771118
	7.97398363	1.015211229	8.151211083	54335.65483	0.106374506	0.455454998	0.438170496
	7.905106768	1.067110114	7.690231825	47441.98942	0.106412185	0.413914927	0.479672888
	7.920237161	1.055235199	7.791110984	48949.99999	0.106533792	0.423103523	0.470362685
	8.031488886	0.974224677	8.553166914	60372.18734	0.106597734	0.490261023	0.403141243
	7.996015812	0.999023389	8.305344291	56650.59868	0.106604384	0.468860766	0.42453485
	7.959740281	1.025352514	8.05670007	52923.52051	0.106610325	0.446975981	0.446413694
	7.963454049	1.022607915	8.081955284	53301.79413	0.106613028	0.449218087	0.444168885
	7.997288802	0.998035851	8.314837774	56794.02268	0.106666629	0.469659218	0.423674152
	7.926838034	1.049905713	7.836946997	49637.92659	0.106728545	0.427181318	0.466090138
	7.951590216	1.031205419	8.0030685	52122.86033	0.106753891	0.442128485	0.451117624
	8.011643715	0.98753691	8.417772562	58343.60014	0.10694954	0.478458598	0.414591862
	7.975343701	1.013437175	8.166822079	54578.83215	0.106959807	0.456561152	0.436479042
	7.963142294	1.022318723	8.083936546	53337.50053	0.10699521	0.44921642	0.44378837
	7.962756219	1.022524713	8.08193045	53308.36394	0.107052847	0.44901159	0.443935564
	7.997457017	0.997335578	8.320844649	56891.14483	0.107112396	0.46997817	0.422909433
	7.934360475	1.043363431	7.893297408	50489.58395	0.107314176	0.432005842	0.460679982
	7.896822688	1.072108429	7.646652013	46808.0061	0.107417079	0.409406746	0.483176175
	7.930196271	1.046178403	7.868078372	50116.40976	0.107556013	0.429611246	0.462832742
	7.952636378	1.029038012	8.020941574	52406.38461	0.107762658	0.443251812	0.44898553
	7.888428977	1.078042464	7.596775304	46071.54434	0.10786023	0.404558386	0.487581384
	7.935909254	1.041274669	7.910618488	50759.00257	0.107967389	0.433258986	0.458773626
	8.012811075	0.985138931	8.439447681	58688.45052	0.108184989	0.479765633	0.412049378
	7.951151145	1.029373002	8.016888456	52354.56909	0.108319455	0.44262728	0.449053265
	7.9640679	1.019543503	8.106849059	53705.12177	0.10853624	0.450526657	0.440937103
	7.983980115	1.00482653	8.245400829	55784.97345	0.108736251	0.462638723	0.428625026
	7.885359314	1.078956439	7.587495112	45949.59541	0.108869639	0.403198646	0.487931715
	7.906295207	1.062531138	7.72449136	47993.62423	0.108924535	0.415857583	0.475217883
	8.003654875	0.990572025	8.383915617	57866.59136	0.108944565	0.474611566	0.41644387
	7.893754694	1.071953963	7.644891821	46809.73346	0.109148481	0.408400219	0.4824513
	7.960542817	1.021184152	8.09037253	53469.35783	0.10922941	0.44873786	0.442032729
	7.939258168	1.036930168	7.946991815	51323.80143	0.109266615	0.435913424	0.454819961
	7.889836316	1.074828217	7.620802635	46452.68537	0.109278713	0.406099505	0.484621782
	8.000885668	0.992051645	8.368619818	57642.68992	0.109305727	0.473116885	0.417577388
	7.975437562	1.010037691	8.194402074	55031.5441	0.10944326	0.457829271	0.432727468
	7.957902994	1.02280316	8.074985209	53242.65714	0.109464241	0.447259618	0.443276141
	7.889077316	1.074678735	7.621156389	46466.09412	0.109778574	0.405885389	0.484336036
	7.914025453	1.054513862	7.790549881	49002.88774	0.110345783	0.421215124	0.468439093
	7.893888537	1.070043766	7.65866424	47034.93116	0.110366353	0.409075083	0.480558564

Table 2g: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 7

SPGSCITR 7							
	7.996055177	0.993926976	8.34796999	57351.33538	0.110477272	0.470773802	0.418748926
	7.991276756	0.997206008	8.315728227	56868.78979	0.110556263	0.467929165	0.421514572
	7.968371911	1.013308348	8.16098014	54552.45871	0.11081129	0.454233404	0.434955306
	7.894800436	1.068648593	7.669516324	47204.31307	0.110827725	0.409850367	0.479321908
	8.003544924	0.988077449	8.404971008	58214.02123	0.110923213	0.475510455	0.413566332
	7.900068638	1.06439951	7.705082492	47736.64245	0.11093557	0.413081667	0.475982763
	8.011191674	0.982653017	8.459149792	59028.71542	0.110995552	0.480159588	0.40884486
	7.975577155	1.007815234	8.212611069	55329.65949	0.111019086	0.458682223	0.430298691
	7.927589235	1.043228555	7.887827251	50467.32028	0.111019287	0.429727697	0.459253016
	7.951743791	1.025166158	8.050364437	52899.27352	0.111040084	0.444312053	0.444647863
	7.947024281	1.028474479	8.019879775	52445.04054	0.111170524	0.441528059	0.447301417
	7.912277872	1.054553318	7.788601227	48988.31105	0.111239474	0.420596644	0.468163882
	7.911321726	1.055120429	7.783508774	48914.10912	0.111352761	0.420074994	0.468572245
	8.020156679	0.975765644	8.52804577	60072.30337	0.111539029	0.485833952	0.402627019
	7.895004574	1.067372537	7.678876566	47356.23397	0.111579792	0.410340413	0.478079795
	7.908213364	1.0568441	7.767873004	48688.00721	0.111803985	0.41841961	0.469776405
	8.007612457	0.984022266	8.443741707	58811.06714	0.111859632	0.478421503	0.409718865
	7.93111081	1.039312146	7.920939088	50976.74578	0.111904796	0.432284493	0.455810711
	8.022784392	0.973347106	8.551935613	60438.97919	0.11202351	0.487655785	0.400320705
	7.99096214	0.989676978	8.386891675	57961.12975	0.112084523	0.473392738	0.414522739
	8.011681164	0.980516402	8.478082099	59335.22926	0.112387991	0.481134198	0.406477811
	7.950835735	1.023919372	8.059280204	53055.00539	0.112417773	0.444436225	0.443146002
	7.919720858	1.047119905	7.850999883	49940.24774	0.112453905	0.42567997	0.461866125
	7.99821251	0.989536659	8.387187908	57974.83941	0.112663298	0.473141874	0.414194828
	7.997424026	0.990006829	8.382408254	57904.10593	0.112726276	0.472696846	0.414576878
	7.897490871	1.063703856	7.707698166	47805.44413	0.112751788	0.412412306	0.474835906
	7.893721436	1.066500432	7.683952653	47452.55955	0.11283344	0.410177761	0.476988799
	7.89699648	1.063956472	7.705403448	47772.64328	0.112838944	0.41215652	0.475004536
	7.90496117	1.057791463	7.757841548	48555.52638	0.112858221	0.416971604	0.470170175
	8.011003364	0.980273471	8.479491697	59365.19309	0.112938309	0.480993689	0.406068002
	7.990712536	0.994419992	8.338458591	57248.3132	0.112961445	0.468762034	0.418276521
	8.01825274	0.975121383	8.531727716	60151.90538	0.11306356	0.485428869	0.401507571
	7.984810064	0.998205415	8.300924166	56689.95157	0.113257029	0.465344834	0.421398137
	7.890996196	1.067547207	7.673865411	47313.89158	0.113546438	0.408881242	0.47757232
	7.939078735	1.03100754	7.992469313	52073.63403	0.113560598	0.437899864	0.448539538
	7.880078962	1.075360066	7.607959988	46339.01618	0.114005278	0.402517908	0.483476814
	8.00478225	0.982925904	8.450280543	58946.92351	0.114211265	0.477861014	0.407927721
	7.885523077	1.069818716	7.652455826	47016.46642	0.114859557	0.406219479	0.478920964
	8.008698121	0.979107673	8.487233568	59515.58796	0.115062259	0.48063888	0.404298861
	7.982615558	0.99718324	8.30723243	56815.65835	0.115178459	0.464958045	0.419863496
	7.913752542	1.047317568	7.84381947	49881.82362	0.115423718	0.423527592	0.46104869
	7.918238531	1.043849738	7.874175394	50336.27425	0.11547717	0.426260392	0.458262438
	7.916030454	1.045286946	7.861236455	50145.52842	0.115634082	0.425004644	0.459361274
	8.009227306	0.977551376	8.501286887	59741.45264	0.115977359	0.481404583	0.402618058
	7.913238261	1.046634463	7.848447516	49963.09101	0.116154586	0.423573823	0.460271591
	7.995135196	0.986752737	8.407732022	58343.53314	0.116399562	0.473107742	0.410492695
	7.97419406	1.001365302	8.26412842	56190.87544	0.116507374	0.460525016	0.42296761
	7.923151558	1.038408506	7.92016716	51043.64121	0.116679994	0.429811547	0.45350846
	7.878308296	1.072424477	7.627134462	46672.11488	0.116832869	0.402828901	0.48033823
	7.908327573	1.049351063	7.82344942	49601.0158	0.116834807	0.420942673	0.46222252
	7.920638575	1.040045617	7.905283994	50823.96475	0.116848812	0.428377634	0.454773555
	7.901516161	1.054454537	7.77912491	48940.05663	0.116887356	0.416858485	0.466254159
	7.927076288	1.034997185	7.950063822	51496.15024	0.117011384	0.432341283	0.450647333
	7.975599281	0.999671366	8.279537607	56430.28181	0.11701706	0.461621525	0.421361415
	7.912756924	1.045654932	7.855339334	50081.2647	0.117068194	0.423729077	0.45920273
	7.945480645	1.021284812	8.074826867	53364.27614	0.117094923	0.443486731	0.439418346
	7.997396671	0.984150508	8.432261117	58724.3861	0.117175475	0.474850765	0.40797376
	7.954125403	1.014149211	8.14016587	54352.55953	0.11769129	0.448993668	0.433315041
	7.890341274	1.061550373	7.716599113	48023.34764	0.117860478	0.410590569	0.471548952
	7.907298012	1.048594048	7.828115583	49688.06297	0.117872448	0.42082765	0.461299902
	7.87677443	1.071874167	7.629619289	46728.3253	0.117967922	0.402457113	0.479574965
	7.951739868	1.015244725	8.129032397	54193.28553	0.118143522	0.44777491	0.434081569
	7.942163177	1.0219963	8.065959311	53251.59251	0.118305537	0.442075625	0.439618838
	7.972074642	1.000109886	8.272383017	56347.84567	0.118528599	0.460232216	0.421239185
	7.934052536	1.027340462	8.01610589	52512.68312	0.118735212	0.437391488	0.4438733
	7.990392552	0.986881964	8.401825395	58293.80422	0.118780945	0.471407852	0.409811203
	7.989857931	0.987207065	8.398517002	58244.7322	0.118816305	0.471102526	0.410081169
	7.93132254	1.029237476	7.998678756	52253.33222	0.11881704	0.4357842	0.44539876
	7.959617852	1.008351548	8.19241589	55157.07138	0.119004345	0.452948204	0.428047451
	7.882244958	1.066005652	7.676753246	47448.90461	0.119029868	0.406275925	0.474694206
	7.961526991	1.006583021	8.208706299	55405.93337	0.119290682	0.454239809	0.426469509
	7.983100048	0.991048294	8.359146056	57664.71659	0.119470412	0.467344089	0.413185499
	7.987078409	0.988259951	8.386756734	58079.08823	0.119475187	0.469746855	0.410777957
	7.984702409	0.989907028	8.370402032	57833.83732	0.119484784	0.468317922	0.412197293
	7.990733448	0.985310308	8.415573018	58516.52353	0.119776467	0.472099179	0.408124354
	7.955235471	1.010271168	8.172511624	54873.49916	0.119885785	0.450733979	0.429380236
	7.983283044	0.989695586	8.370756169	57853.85601	0.120374618	0.467895597	0.411729784
	7.897504665	1.051928843	7.793989215	49224.66764	0.12060577	0.416251985	0.463142245
	7.907461465	1.044220948	7.861055532	50228.24238	0.120729583	0.42232005	0.456950367
	7.942055573	1.018471508	8.093768848	53710.09472	0.120832989	0.44324365	0.435923361
	7.908533101	1.043023107	7.871110852	50382.92132	0.120993041	0.423095167	0.455911792
	7.975399457	0.994111942	8.325638691	57190.5754	0.121190134	0.46353668	0.415273187
	7.993846189	0.980902213	8.456565259	59159.65848	0.121458479	0.474797848	0.403743672
	7.907382349	1.043095784	7.869459223	50367.26197	0.121523581	0.422659644	0.455816775
	7.95087252	1.011019088	8.16215046	54746.70268	0.121585159	0.448930486	0.429484355
	7.93676078	1.02110515	8.067707986	53334.37961	0.121687533	0.440465781	0.437846686
	7.945075495	1.014858581	8.125558614	54202.79063	0.121828879	0.445551609	0.432619511
	7.987488629	0.984776156	8.416842717	58569.85642	0.121846749	0.471151274	0.407001978
	7.950514811	1.010883178	8.162893973	54762.50947	0.121863245	0.448850311	0.429286444
	7.944969567	1.014884931	8.125243274	54198.66302	0.121864187	0.445504919	0.432630893
	7.93098543	1.024934506	8.031930599	52803.64747	0.121962029	0.437114995	0.440922976
	7.885106185	1.059252796	7.728394588	48269.71683	0.121999293	0.409450868	0.468549839
	7.920241851	1.032738059	7.960836894	51741.69588	0.122041806	0.430671525	0.447286669
	7.949946936	1.01095437	8.161757419	54749.49357	0.122101635	0.448623963	0.429274402
	7.94739268	1.012259234	8.148713091	54560.47603	0.122478762	0.447266764	0.430254474
	7.913026318	1.037368075	7.918350203	51115.00733	0.122535932	0.426558912	0.450905155
	7.875635595	1.065638157	7.673198385	47456.52598	0.122568715	0.404014345	0.473416939
	7.950404447	1.009905671	8.170685711	54891.77578	0.12260943	0.449147727	0.428242843
	7.995102727	0.978140002	8.481730735	59561.02835	0.122876018	0.476247518	0.400876464
	7.967673716	0.997024413	8.293569347	56740.33905	0.12302516	0.459770343	0.417204497

Table 2h: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 8

SPGSCITR 8							
	7.953110815	1.007273818	8.194721296	55260.0623	0.123097426	0.451018733	0.425883841
	7.93967496	1.016862264	8.104236572	53906.07959	0.123162703	0.442943741	0.433893556
	7.953163068	1.006860698	8.19813553	55315.69892	0.123363234	0.451179928	0.425456838
	7.878971507	1.061630278	7.70530859	47951.33273	0.123500708	0.406481793	0.4700175
	7.945640674	1.011939697	8.149554846	54591.84173	0.123588989	0.446751245	0.429659766
	7.8926364	1.050985904	7.796349844	49312.17918	0.123658794	0.414803941	0.461537265
	7.974912421	0.991027345	8.351060998	57613.60551	0.123685597	0.46446016	0.411854243
	7.887262652	1.054995899	7.761622628	48794.70478	0.123701103	0.411582204	0.464716693
	7.986290868	0.982807259	8.4324858	58839.13984	0.123914281	0.471437168	0.404648551
	7.991763307	0.978708448	8.473392373	59457.26871	0.124159197	0.474858566	0.400982236
	7.929794074	1.022481493	8.050034669	53113.34649	0.124248059	0.437511342	0.4382406
	7.942112094	1.012944662	8.137986006	54436.83705	0.124662717	0.445145985	0.430191299
	7.986646509	0.981054307	8.447915518	59089.37972	0.12502569	0.472193923	0.402780387
	7.880170326	1.058333474	7.730444063	48352.78628	0.125035417	0.407953795	0.467010789
	7.912394989	1.033952631	7.943896207	51541.51499	0.125145445	0.427450967	0.447403588
	7.955003934	1.002577267	8.234997538	55903.61634	0.125464486	0.453315697	0.421219817
	7.953473332	1.003560258	8.225406156	55761.15816	0.12553856	0.452428308	0.422033131
	7.873027199	1.062977164	7.689953149	47758.20129	0.125556601	0.40389807	0.470545329
	7.894273762	1.046776525	7.829265327	49837.21708	0.125607731	0.416742618	0.457649651
	7.955689079	1.001874192	8.241460391	56003.06937	0.125617763	0.453803867	0.42057837
	7.936551349	1.015345306	8.113268155	54085.87202	0.125780866	0.44233624	0.431882893
	7.875112442	1.060827124	7.707504504	48026.04296	0.12591145	0.405329353	0.468759197
	7.972807582	0.989261188	8.363842711	57844.89437	0.126030917	0.464334259	0.409634824
	7.895200283	1.045323365	7.841035557	50021.55492	0.126103799	0.41754365	0.456352551
	7.92962478	1.019864893	8.070522113	53452.0279	0.126124784	0.438324705	0.435550511
	7.935052075	1.015853269	8.10773536	54009.85839	0.126177855	0.441625278	0.432196867
	7.911219731	1.033157991	7.948868608	51635.05629	0.126259161	0.427285144	0.446455695
	7.976959122	0.985690095	8.398356196	58371.07527	0.126528842	0.467082087	0.406389071
	7.877478298	1.057766554	7.732042253	48405.99445	0.126716114	0.40714938	0.466134506
	7.967786758	0.991676163	8.338411725	57476.80012	0.12681457	0.461687113	0.411498317
	7.936363321	1.013792325	8.125511027	54289.12963	0.126945647	0.442790996	0.430263356
	7.933079963	1.016136437	8.103535167	53960.49247	0.126963332	0.440818533	0.432218135
	7.899176656	1.040726311	7.879491428	50614.33398	0.127168963	0.420462499	0.452368538
	7.94484885	1.00725717	8.186654301	55209.9917	0.127255765	0.448062219	0.424682016
	7.902643628	1.037847904	7.904685247	50994.06571	0.127365336	0.422650171	0.449984493
	7.872906964	1.059968875	7.711664513	48116.5238	0.12753174	0.404789042	0.467679218
	7.954737244	0.999817135	8.257464637	56275.83414	0.1275467	0.454170536	0.418282764
	7.9406397	1.009379522	8.165270755	54900.35516	0.127871872	0.445823082	0.426305046
	7.9154434	1.027370022	7.997761872	52397.04222	0.128051857	0.430708112	0.441240032
	7.898314832	1.039818655	7.885540604	50722.45231	0.128186452	0.420438852	0.451374697
	7.955932734	0.997839916	8.275024876	56552.71947	0.128346326	0.455281939	0.416371736
	7.936455228	1.011593715	8.143261958	54580.18738	0.128414054	0.443562774	0.428023172
	7.89972225	1.038177631	7.899360758	50935.69944	0.128576726	0.421478435	0.449944839
	7.909546901	1.030682502	7.966337135	51939.1163	0.128730945	0.427481598	0.443787457
	7.976579832	0.982689942	8.423610404	58790.26293	0.128894842	0.468007423	0.403097735
	7.912195523	1.028199471	7.988151276	52271.44077	0.12908886	0.429254304	0.441656837
	7.892492371	1.042446028	7.860080564	50361.89653	0.129303517	0.417470666	0.453225817
	7.916362355	1.024726938	8.019287322	52741.91482	0.129372392	0.431906772	0.438720836
	7.958771315	0.994340929	8.3069986	57050.25461	0.129409538	0.457513322	0.41307714
	7.9172338	1.023714393	8.028070374	52877.66872	0.129625009	0.432555812	0.43781918
	7.971297299	0.985313206	8.395822408	58386.0164	0.129631914	0.465179646	0.40518844
	7.888308119	1.045052263	7.836474594	50015.4554	0.129640161	0.415110223	0.455249616
	7.970396272	0.985837629	8.390442219	58306.53044	0.129702729	0.464670536	0.405626735
	7.967349325	0.987682746	8.371682858	58028.43589	0.129892714	0.462924768	0.407182518
	7.864239171	1.062783829	7.68308318	47733.08063	0.129927659	0.400727913	0.469344428
	7.897394803	1.037706082	7.900707471	50981.12536	0.130016727	0.420776582	0.449206691
	7.898529706	1.03681321	7.908605926	51099.69435	0.130050721	0.421477935	0.448471343
	7.902904783	1.033284413	7.939848961	51569.84578	0.130244996	0.424212511	0.445542493
	7.934974568	1.009917996	8.15530765	54793.128	0.130293139	0.443586045	0.426120816
	7.951008819	0.998448476	8.26504963	56437.88041	0.130354782	0.453290753	0.416354465
	7.942648155	1.003915117	8.211715722	55644.22233	0.13066243	0.44839623	0.420941339
	7.885174041	1.044560089	7.837166593	50058.17854	0.13146639	0.414110082	0.454423529
	7.930769768	1.011164087	8.141099219	54601.46811	0.131497271	0.441636385	0.426866345
	7.889774374	1.040895331	7.869179085	50538.73385	0.131619734	0.416960604	0.451419662
	7.932365916	1.009816819	8.153541463	54790.16332	0.131637276	0.442667755	0.425694969
	7.936212029	1.006829351	8.181554709	55212.47908	0.131804447	0.445069947	0.423125607
	7.878500788	1.048963729	7.79790373	49479.09446	0.131843655	0.410267658	0.457888686
	7.901331475	1.031723245	7.950338339	51758.11378	0.132030024	0.424133998	0.443835977
	7.918869046	1.018748096	8.06881158	53531.44947	0.13215749	0.434777878	0.433064632
	7.941416083	1.002584862	8.221382335	55815.54469	0.132183899	0.448395039	0.419421062
	7.901015382	1.031710642	7.950129079	51757.83268	0.132190391	0.424021507	0.443788102
	7.911363801	1.023809976	8.021587389	52829.73309	0.132411114	0.430373139	0.437215747
	7.909451141	1.025194661	8.008887334	52639.96238	0.132416318	0.42922163	0.438362053
	7.895029694	1.035766335	7.913220198	51210.59249	0.132420457	0.420522135	0.447057408
	7.882402677	1.044860309	7.832262362	50005.22477	0.132599326	0.412990587	0.454410087
	7.926048287	1.012917459	8.122345609	54340.21346	0.132602576	0.439326764	0.42807066
	7.874276932	1.050168632	7.784934798	49308.01305	0.133089728	0.40832696	0.458583312
	7.897253389	1.03308335	7.935923835	51561.79715	0.133099612	0.42219516	0.444705228
	7.908100556	1.024717368	8.011299075	52693.1482	0.133381452	0.428877538	0.43774101
	7.960701094	0.987086238	8.370006757	58067.34877	0.133586966	0.460715547	0.405697487
	7.870337714	1.052106327	7.76685293	49049.98498	0.133733067	0.406263977	0.460002956
	7.942399998	0.999468484	8.248001333	56243.5491	0.133853784	0.449803316	0.416342901
	7.899010178	1.030371222	7.958517664	51915.86467	0.134026207	0.423707174	0.442266619
	7.928130295	1.009193388	8.154381294	54846.33351	0.134113908	0.441320255	0.424565838
	7.923370003	1.012468882	8.123298942	54382.67725	0.134198268	0.438489175	0.427312557
	7.905320934	1.025136166	8.005315385	52622.51112	0.134437075	0.427715346	0.437847579
	7.889235484	1.036702758	7.900483345	51059.03201	0.134579408	0.41807925	0.447341342
	7.864774774	1.054674424	7.742666341	48707.7804	0.134745316	0.403401247	0.461853437
	7.930592747	1.006099367	8.181905689	55274.44501	0.135023381	0.443249694	0.421726925
	7.876962551	1.044915412	7.826643044	49967.19646	0.135143334	0.410949188	0.453907479
	7.927938838	1.00768628	8.166387091	55045.72588	0.135224857	0.441746681	0.423028462
	7.871253282	1.048912182	7.791377404	49444.22101	0.135309359	0.407585359	0.457105283
	7.879729221	1.042582099	7.846812849	50271.29353	0.135318546	0.412703995	0.451977458
	7.921689802	1.011968722	8.125653503	54438.20834	0.135340643	0.438032663	0.426626694
	7.929487292	1.006061092	8.181118178	55272.54615	0.135580393	0.442854416	0.421565191
	7.890952342	1.033826924	7.924121088	51430.66969	0.135616807	0.419621224	0.44476197
	7.925381305	1.008748144	8.155255348	54888.20032	0.135735339	0.440452559	0.423812102
	7.900501759	1.026235121	7.992046832	52452.45459	0.136011822	0.425575784	0.438412394
	7.865875588	1.051634941	7.766091316	49082.07881	0.136125077	0.404738529	0.459136394
	7.887436414	1.035571363	7.907377607	51190.42323	0.136156753	0.417763206	0.446080041

Table 2i: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 9

SPGSCITR 9							
	7.927372168	1.006042717	8.179165181	55261.57346	0.136605484	0.44207827	0.421316246
	7.884265099	1.0369984	7.893437916	50992.84887	0.136737131	0.416132841	0.447130028
	7.875646586	1.043363879	7.837020374	50151.04801	0.136741873	0.410934975	0.452323151
	7.944730957	0.993314251	8.30144976	57099.3879	0.136971648	0.452730721	0.410297631
	7.900448393	1.024043167	8.009101615	52733.51448	0.137464231	0.426252103	0.436283667
	7.949287089	0.988857495	8.343471651	57745.02517	0.137867804	0.455916935	0.406215261
	7.878623729	1.039344533	7.870192086	50666.90268	0.137888933	0.413290865	0.448820202
	7.883924692	1.035367729	7.905541052	51195.3318	0.137935809	0.416512192	0.445551999
	7.883984093	1.034944754	7.908829383	51248.82603	0.13817733	0.416665852	0.445156818
	7.920656702	1.008392243	8.153448371	54905.72424	0.138224396	0.438816081	0.422959523
	7.859546521	1.052990279	7.750084756	48882.08499	0.138226282	0.401944757	0.459828962
	7.934200367	0.998577624	8.247148305	56311.51435	0.138401754	0.447074485	0.414523762
	7.929623738	1.001740725	8.216538394	55853.79241	0.13843538	0.444329473	0.417235148
	7.899370745	1.022041741	8.023731132	52984.92509	0.139270815	0.426483173	0.434246012
	7.855984333	1.053888993	7.740095757	48753.40247	0.139315457	0.400326753	0.460357791
	7.858623951	1.051661852	7.758997182	49037.90705	0.139470656	0.401995137	0.458534207
	7.873436494	1.040554536	7.85605521	50486.24413	0.139537906	0.410965435	0.449496659
	7.953369517	0.983451666	8.393485101	58526.84894	0.139671046	0.459259826	0.401069128
	7.890794014	1.027362136	7.973830377	52249.89802	0.139844948	0.421588279	0.438566772
	7.90558804	1.016459926	8.073909478	53748.11248	0.1399938	0.430587211	0.429418988
	7.923098784	1.003719706	8.193837507	55545.64559	0.140191764	0.441249296	0.418558939
	7.880291651	1.034415785	7.909304134	51293.5594	0.140230532	0.415439532	0.444329937
	7.862326534	1.047540438	7.79305851	49561.14021	0.140311083	0.404639157	0.45504976
	7.89342041	1.024426669	7.999242937	52641.63349	0.140507479	0.423496174	0.435996347
	7.952361876	0.982847589	8.397618678	58604.91664	0.140570507	0.45909062	0.400338873
	7.857982106	1.050346863	7.768100027	49194.05397	0.140574124	0.402146163	0.457279714
	7.91017038	1.012164221	8.112703055	54340.38665	0.140663945	0.433678984	0.425657071
	7.937687263	0.992727129	8.299264135	57133.87451	0.140727814	0.45031309	0.408959096
	7.894333485	1.023404939	8.008121287	52778.53859	0.140740221	0.424160636	0.435099143
	7.874609622	1.03739181	7.881137035	50887.07214	0.140980286	0.412376895	0.446642819
	7.860462083	1.047288509	7.793152897	49581.33725	0.141320983	0.40400685	0.454672167
	7.875049218	1.036389564	7.88918269	51015.01544	0.141406781	0.41285019	0.445743029
	7.871735887	1.038181407	7.872374926	50771.68564	0.141807016	0.411046259	0.447146725
	7.870552613	1.03900766	7.864975704	50661.812	0.141833912	0.410345423	0.447820665
	7.86835908	1.040613169	7.850733314	50449.48087	0.141839065	0.409024418	0.449136517
	7.904268663	1.014214001	8.090487853	54033.99626	0.142074247	0.430806025	0.427119727
	7.885179801	1.027777288	7.965147008	52163.21144	0.142180544	0.419340172	0.438479284
	7.945901915	0.984548292	8.376551331	58322.98924	0.142450673	0.456110042	0.401439284
	7.882132002	1.029219781	7.951022262	51961.35804	0.142668144	0.417739074	0.439592781
	7.892254484	1.021853259	8.018247048	52965.88254	0.142699448	0.42386198	0.433438572
	7.877859372	1.032261653	7.923453068	51550.61145	0.142709836	0.415181422	0.442108742
	7.902464071	1.014456716	8.086773274	53990.9428	0.142753261	0.430048422	0.427198318
	7.90908279	1.009647891	8.131845028	54666.11999	0.142821529	0.434075282	0.423103189
	7.855169157	1.048716319	7.777495594	49376.72679	0.142855352	0.401561741	0.455582906
	7.875165647	1.03376106	7.909354835	51345.6534	0.143001814	0.413698534	0.443299651
	7.91207171	1.006581537	8.159586477	55092.53701	0.143447169	0.436183918	0.420368913
	7.87842218	1.030114157	7.94051758	51825.66961	0.143803194	0.416054371	0.440142435
	7.944844578	0.983300087	8.386109268	58490.77667	0.143804887	0.456132691	0.400062422
	7.888528387	1.022077399	8.012843043	52914.25554	0.144268643	0.422379242	0.433352115
	7.868974	1.035764893	7.888075225	51057.55143	0.144571911	0.410728591	0.444699497
	7.898070035	1.014751522	8.080093743	53925.01464	0.144588637	0.428292517	0.427118846
	7.934074712	0.989114848	8.325921017	57608.46671	0.144872393	0.450155197	0.40497241
	7.940168656	0.984736734	8.369126251	58258.19013	0.145007301	0.45389793	0.401094769
	7.892090204	1.018268593	8.046312784	53429.16564	0.145070085	0.424919309	0.430010606
	7.940481213	0.984061733	8.375184528	58354.71435	0.145321819	0.454239948	0.400438233
	7.916031461	1.000629895	8.212076107	55916.31708	0.145536337	0.439592271	0.414871392
	7.891627829	1.017699006	8.050361819	53500.39008	0.145645479	0.424921015	0.429433506
	7.922854012	0.994738551	8.267570807	56760.89815	0.146295693	0.444079246	0.409625061
	7.87929105	1.025485451	7.977205755	52420.44769	0.146318545	0.417805671	0.435875784
	7.930673872	0.988589785	8.326903014	57658.62752	0.146802033	0.449044545	0.404153422
	7.879298685	1.024470882	7.985113311	52550.43905	0.14695272	0.418119643	0.434927637
	7.893341418	1.01285043	8.090591233	54144.96916	0.147966158	0.427087031	0.424946811
	7.895503245	1.011107972	8.106671953	54387.8552	0.14810271	0.428458032	0.423439258
	7.874444881	1.026115135	7.967587646	52310.70558	0.148109524	0.415755304	0.436135172
	7.879798924	1.02164145	8.007717694	52917.24568	0.14850488	0.419178654	0.432316467
	7.868751159	1.029056821	7.939278358	51901.99643	0.14883145	0.412672038	0.438496512
	7.908328633	1.000970433	8.201586933	55820.81381	0.148838287	0.436555359	0.414606354
	7.865704538	1.03083097	7.922658673	51659.09316	0.149094869	0.41096229	0.439942841
	7.92936577	0.985905531	8.348247271	58022.79033	0.149205209	0.449427597	0.401367195
	7.916290639	0.994499524	8.262958233	56750.6618	0.14945936	0.441662394	0.408878247
	7.880425497	1.019491009	8.025223191	53198.91976	0.149574707	0.420078598	0.430346696
	7.903032364	1.003375396	8.176650319	55463.60569	0.149676575	0.433768669	0.416554756
	7.881581486	1.01843155	8.034706776	53343.35096	0.149723021	0.420848442	0.429428537
	7.915676518	0.99445552	8.262706322	56752.65943	0.149767507	0.441442171	0.408790322
	7.906846323	1.000502041	8.203944998	55874.42363	0.149815568	0.436137713	0.414046719
	7.861370014	1.032713934	7.904015953	51395.79294	0.149864877	0.408722582	0.441412542
	7.861075411	1.03222216	7.907496197	51455.98389	0.150296743	0.408755501	0.440947756
	7.859343877	1.033464816	7.896312623	51289.34581	0.150303099	0.407713841	0.44198306
	7.893133192	1.008945906	8.121694669	54658.65741	0.150555289	0.428224432	0.421220279
	7.885449016	1.014197445	8.072063727	53919.14282	0.150662124	0.423640122	0.425697754
	7.852771812	1.036700883	7.865324837	50845.36273	0.151233496	0.404202302	0.444564202
	7.858415503	1.031435179	7.910950746	51539.40523	0.151951628	0.407957876	0.440090497
	7.881516082	1.014690964	8.064261694	53830.14014	0.152104327	0.421970635	0.425925038
	7.902994107	0.99962455	8.207292929	55968.01435	0.152120066	0.434937578	0.412942356
	7.915253749	0.989815359	8.301013985	57386.99212	0.153009478	0.442768593	0.404221929
	7.869939648	1.020902165	8.003859056	52952.3695	0.153350753	0.415593762	0.431055485
	7.8854069	1.009569381	8.109025931	54527.53813	0.153604315	0.42504998	0.421345705
	7.916109019	0.987843346	8.318450943	57665.25186	0.153921711	0.443729648	0.402348641
	7.880854922	1.012057471	8.084592577	54171.165	0.154050671	0.422521182	0.423428147
	7.883643707	1.010073603	8.103232353	54449.87419	0.154066291	0.424211479	0.42172223
	7.877896452	1.013884041	8.067109757	53913.18291	0.154211202	0.420814431	0.424974367
	7.892061616	1.003647298	8.163504273	55357.07996	0.154411471	0.429459007	0.416129522
	7.853688221	1.03010884	7.916547548	51678.73727	0.154823901	0.406506722	0.438669377
	7.916363628	0.986121771	8.333231512	57905.82449	0.154939737	0.44437989	0.400680373
	7.85636017	1.027755045	7.937278053	51993.00424	0.15508983	0.408248631	0.436661539
	7.898066402	0.998327741	8.21301809	56111.46192	0.155151519	0.433443146	0.411405335
	7.856922965	1.027033704	7.943400807	52088.08663	0.155283479	0.408682673	0.436033848
	7.879731306	1.010792425	8.093599139	54330.54592	0.155338207	0.422471312	0.42219048
	7.914350749	0.986755452	8.325840133	57804.37591	0.155421737	0.443400503	0.40117776
	7.891010872	1.002732095	8.169907304	55472.90789	0.15545815	0.429335611	0.415206239

Table 2j: Sorted MC Simulations results for SPGSCITR for the 1977-2017 period – Part 10

SPGSCITR 10							
	7.89495375	0.999715627	8.198502578	55903.82951	0.15563978	0.43180324	0.41255698
	7.844713474	1.034840317	7.871679072	51030.46399	0.155861118	0.401597579	0.442541303
	7.88040357	1.009374588	8.105633985	54521.77889	0.15593137	0.423166297	0.420902333
	7.896481637	0.997853169	8.215335968	56165.43526	0.156156296	0.432977095	0.410866609
	7.853379015	1.027437153	7.936832326	52015.48423	0.156574111	0.407173949	0.43625194
	7.86368583	1.019540813	8.008412334	53089.80244	0.156920657	0.413561858	0.429517485
	7.90597092	0.990151991	8.28881665	57279.1921	0.156926305	0.439078303	0.403995393
	7.845085641	1.032625646	7.88892186	51310.36093	0.157025482	0.402390139	0.440584379
	7.857835966	1.022608336	7.978668931	52659.06564	0.157578161	0.410352953	0.432068886
	7.882626494	1.004003733	8.151208623	55249.18574	0.158329506	0.425677416	0.415993077
	7.909001804	0.985924135	8.327435043	57884.0993	0.158334458	0.441593987	0.400071555
	7.905850572	0.98795916	8.30709233	57581.00377	0.158400258	0.439724717	0.401875025
	7.899117998	0.992004182	8.266432277	56979.53116	0.15874662	0.435831425	0.405421955
	7.873897764	1.00897661	8.102383223	54533.36667	0.159013065	0.420744191	0.420242744
	7.847997113	1.026452197	7.939205084	52108.33165	0.159477165	0.405342831	0.435180003
	7.855603838	1.02073364	7.991135897	52886.45025	0.159674953	0.410029011	0.430296036
	7.844058829	1.028741601	7.917708596	51794.12872	0.159784598	0.403116549	0.437098852
	7.895023669	0.993154271	8.25273706	56795.20816	0.159799147	0.433874465	0.406326389
	7.885040698	0.999386335	8.191284794	55884.23805	0.160185138	0.428039303	0.411775558
	7.893215463	0.993347158	8.249314235	56756.98976	0.160462955	0.433107263	0.406429783
	7.861851068	1.014889966	8.043303935	53682.06581	0.160556175	0.414228303	0.425215522
	7.882911753	1.000237253	8.182187898	55755.89687	0.160571314	0.426943141	0.412485545
	7.900346776	0.988260972	8.298986195	57502.70768	0.160614541	0.437484053	0.401901406
	7.855989649	1.01878788	8.006776684	53139.8602	0.160689176	0.410756561	0.428554264
	7.894717864	0.991760966	8.26402282	56983.90044	0.160821368	0.434188613	0.404990019
	7.844293077	1.025900442	7.939864473	52156.21798	0.161380723	0.404036516	0.434582761
	7.898698869	0.988108551	8.298598621	57512.81171	0.161429117	0.436887119	0.401683764
	7.893874786	0.991249255	8.267438425	57048.51293	0.161513304	0.434017465	0.404469231
	7.853793468	1.018944253	8.003392566	53106.15822	0.161529562	0.409841404	0.428629034
	7.855968513	1.016398299	8.02558004	53449.35925	0.162146175	0.411454566	0.42639926
	7.846555887	1.022982215	7.964726228	52542.52936	0.162168001	0.405785887	0.432046111
	7.851985315	1.019054073	8.000755721	53080.86751	0.162230387	0.409092291	0.428677321
	7.852316731	1.017275989	8.01506593	53312.93534	0.163162046	0.409746744	0.427091209
	7.889599018	0.9909938	8.265254948	57055.3556	0.163519986	0.432416488	0.404063526
	7.873468458	1.001787019	8.160103591	55487.0753	0.163657436	0.422750792	0.413591772
	7.892545547	0.988718751	8.287253513	57387.73451	0.163697891	0.434281131	0.402020979
	7.88279793	0.995054808	8.224687984	56456.09931	0.16387429	0.428485732	0.407639978
	7.87496851	1.000298392	8.173746917	55696.48752	0.163942131	0.423794764	0.412263105
	7.864858798	1.007219805	8.107541325	54708.59956	0.163967826	0.41770737	0.418324804
	7.87966805	0.996898428	8.20633799	56185.56757	0.16405675	0.426686255	0.409256995
	7.891942444	0.988027265	8.29244306	57479.126	0.164396467	0.434258016	0.401345518
	7.852194353	1.014146736	8.039676566	53718.96806	0.165099872	0.410618221	0.424281907
	7.887097245	0.989902962	8.271835676	57188.61668	0.165280969	0.431766034	0.402952998
	7.847873906	1.016312077	8.018296228	53410.49726	0.165608353	0.408259429	0.426132218
	7.84864286	1.015661304	8.024190955	53499.76737	0.16567702	0.408756892	0.425566088
	7.871257443	0.999705169	8.174885041	55752.31866	0.165884625	0.4225032	0.411612174
	7.837665521	1.022185145	7.962239477	52590.52961	0.166363698	0.402468438	0.431167865
	7.874008223	0.996785121	8.20159274	56164.11343	0.166530622	0.424478079	0.408991298
	7.878147573	0.992769051	8.238940319	56737.03292	0.167281069	0.427341737	0.405377194
	7.853900849	1.009117324	8.081437156	54388.80367	0.16742055	0.412779957	0.419799493
	7.877606805	0.992370372	8.241705346	56787.92126	0.167757859	0.427248041	0.4049941
	7.851120825	1.009758967	8.07354872	54286.85069	0.168190682	0.411478253	0.420331065
	7.865117464	0.998749777	8.176557379	55841.22596	0.169051373	0.420343315	0.410605312
	7.879896785	0.988374687	8.277340858	57351.17347	0.169289485	0.429376917	0.401333597
	7.874734119	0.991758656	8.243892261	56852.61967	0.169345607	0.426289281	0.404365112
	7.845407792	1.01119821	8.056407835	54062.03857	0.16969164	0.408763364	0.421544996
	7.871858178	0.992788721	8.232442008	56693.03918	0.16990973	0.424829207	0.405261063
	7.84007355	1.013288614	8.03452326	53755.41175	0.170639496	0.406007213	0.423353291
	7.851188268	1.005468358	8.108067843	54853.9653	0.170745419	0.412765207	0.416489374
	7.861101891	0.998681308	8.173097077	55824.4648	0.170762629	0.418755217	0.410482154
	7.86337498	0.996728927	8.191386992	56102.57624	0.171013779	0.420249254	0.408736967
	7.849175377	1.003971382	8.118152485	55039.97183	0.172472408	0.412393148	0.415134444
	7.865179315	0.992339998	8.229434191	56710.35362	0.172957352	0.422286061	0.404756587
	7.83479643	1.012669852	8.034221427	53803.21825	0.17315621	0.404050851	0.422792939
	7.828812982	1.016497035	7.998085674	53268.67248	0.17333065	0.400525695	0.426143655
	7.861909105	0.993418898	8.217204761	56541.8995	0.17364247	0.420647122	0.405710408
	7.829538906	1.015158641	8.009345503	53446.62094	0.17382063	0.401202722	0.424976648
	7.855797507	0.997105665	8.180692567	56002.44333	0.173904235	0.417087242	0.409008523
	7.832236784	1.012735525	8.031172969	53778.67202	0.174152929	0.402992653	0.422854418
	7.848036391	1.001876704	8.133988689	55311.84406	0.174194697	0.412546087	0.413259216
	7.851318622	0.999054238	8.160253671	55711.04226	0.174555077	0.414702299	0.410742624
	7.850355167	0.99967679	8.154208081	55621.2357	0.174572533	0.414129492	0.411297975
	7.85013854	0.998622173	8.162602587	55761.4793	0.175295246	0.414351341	0.410353413
	7.860133616	0.991604951	8.230446008	56777.45352	0.175476682	0.420470611	0.404052708
	7.849490694	0.996051403	8.183019533	56103.78664	0.177104242	0.414842919	0.408052839
	7.825945077	1.011701071	8.033165828	53874.36872	0.177280896	0.400722301	0.421996803
	7.828512929	1.00945401	8.053591584	54184.66398	0.177570139	0.402412773	0.420017088
	7.841778696	0.999369967	8.148129677	55607.01956	0.178220523	0.410734254	0.411045224
	7.83219549	1.005598818	8.08812892	54715.92699	0.178363906	0.40502195	0.416614144
	7.843039359	0.997682214	8.163177246	55841.92342	0.178721592	0.411739337	0.40953907
	7.848084626	0.993777601	8.200327728	56402.5418	0.179037089	0.414937423	0.406025488
	7.844138181	0.995685549	8.180650585	56118.34605	0.179474325	0.412769538	0.407756137
	7.85291737	0.98980825	8.238095371	56975.43679	0.1794896	0.418074116	0.402436284
	7.848242239	0.99258993	8.210298513	56564.97048	0.179687611	0.415349862	0.404962526
	7.82216118	1.006311785	8.072427148	54557.99893	0.181912697	0.400698699	0.417388604
	7.82423482	1.004580125	8.0884063	54800.09619	0.182107284	0.402044802	0.415847914
	7.840946856	0.990962294	8.21642185	56738.64424	0.183561069	0.412837587	0.403601345
	7.829405135	0.997337656	8.152326822	55799.79207	0.184319831	0.406243764	0.409436404
	7.841638478	0.987563602	8.245398933	57208.35863	0.185317216	0.414111583	0.400571202
	7.841209321	0.987428617	8.24609149	57224.04174	0.185566193	0.413974098	0.400459709
	7.824100944	0.998244023	8.139611305	55643.68232	0.185854631	0.403792069	0.4103533
	7.826339269	0.996537354	8.1557973	55887.53502	0.185983564	0.405205511	0.408810926
	7.832143198	0.990002909	8.215491602	56811.37962	0.187573332	0.409482972	0.402943697
	7.828277317	0.988686872	8.222517093	56965.59746	0.189841931	0.408257079	0.40190099
	7.822966531	0.990374246	8.20314538	56700.069	0.190888121	0.405563049	0.40354883
	7.826531491	0.987786657	8.228243239	57077.24244	0.191040923	0.40778859	0.401170487
	7.822753697	0.989038901	8.214005617	56880.83234	0.191750081	0.405855115	0.402394805
	7.815730327	0.991540151	8.186201746	56493.73306	0.192960568	0.402207906	0.404831526
	7.811687233	0.989016306	8.203003908	56810.53497	0.195942751	0.401223189	0.40283406
	7.811206209	0.985841091	8.228936361	57241.8961	0.197958461	0.401916263	0.400125276
	7.808889156	0.987213355	8.215150768	57038.3138	0.198026978	0.40055164	0.401421382

Table 3a: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 1

SPGSAGTR 1	Mean Return	Sharpe Ratio	Standard Deviation	VaR	Commodity Weight	Stock Weight	Bond Weight
	8.1112501	1.008062901	8.345181126	56153.51	0.002780822	0.498643032	0.498576146
	8.075769397	1.004379027	8.340463676	56430.73	0.007814206	0.499420698	0.492765096
	8.065071123	1.008600077	8.294951296	55789.1	0.008400658	0.495550563	0.49604878
	8.046795744	1.011399947	8.253918897	55296.93	0.010176433	0.49235082	0.497472747
	8.041804016	1.009119789	8.267622436	55572.25	0.011189407	0.493803857	0.495006736
	8.048646965	1.003185711	8.323348569	56420.43	0.011376025	0.498755269	0.489868706
	8.035638651	1.01226135	8.235873124	55111.67	0.011408733	0.491050567	0.4975407
	8.038887984	1.007445767	8.278465844	55779.77	0.011840765	0.494915407	0.493243827
	8.005319314	1.002787719	8.283444791	56197.35	0.016801208	0.496525239	0.486673552
	8.007479855	0.998517882	8.321029993	56793.97	0.017278314	0.499931802	0.482789884
	7.983968712	1.01436208	8.167878382	54509.96	0.017445903	0.486484496	0.496069601
	7.978323446	1.017252082	8.139124006	54093.44	0.017651202	0.483983197	0.498365601
	7.97408571	1.009730917	8.19555286	55063.99	0.019464099	0.48941701	0.491118891
	7.973585031	1.00835474	8.206241406	55244.81	0.019762762	0.49043134	0.489805897
	7.962402892	1.014294249	8.147162713	54384.87	0.020128567	0.485296703	0.494574731
	7.957145708	1.017087796	8.119616746	53984.35	0.020303485	0.482895651	0.496800864
	7.977771785	1.000617139	8.273883037	56315.55	0.020582765	0.496571862	0.482845372
	7.97704642	0.999579116	8.281749468	56452.19	0.020852726	0.497324109	0.481823165
	7.948641788	1.019183138	8.094579736	53657.57	0.021001324	0.480840495	0.498158181
	7.953399346	1.013309649	8.14619376	54458.97	0.021411794	0.485520317	0.493067889
	7.961016707	1.005527477	8.216815834	55544.43	0.021804414	0.491846988	0.486348598
	7.959743046	0.996374811	8.291016944	56777.66	0.023547121	0.498759868	0.477693011
	7.946312827	1.000670412	8.242004679	56105.78	0.02446064	0.494682976	0.480856384
	7.931705994	1.011175393	8.141934073	54605.84	0.024462124	0.485876147	0.489661728
	7.945199679	1.001389843	8.234971757	56001.23	0.024473821	0.49406943	0.48145675
	7.926655144	1.012158438	8.12903615	54444.19	0.024919732	0.484845607	0.490234661
	7.937101163	0.998048097	8.254430402	56402.29	0.026052513	0.49614144	0.477806047
	7.907211244	1.01928386	8.053133146	53390.14	0.026120047	0.478404339	0.495475614
	7.921117193	1.008734961	8.151134741	54863.06	0.026189493	0.487100912	0.486709595
	7.914714791	1.011877001	8.119496907	54406.69	0.026445963	0.484368323	0.489185714
	7.93157739	0.999093758	8.240262452	56224.48	0.026553794	0.495018053	0.478428154
	7.89358125	1.021418083	8.022962173	53030.17	0.027450425	0.476044305	0.496505271
	7.910021205	1.009351555	8.135162181	54711.3	0.027457255	0.485993839	0.486548906
	7.906961923	1.010482717	8.12302791	54542.3	0.027643079	0.484967012	0.487389909
	7.915553569	1.002024392	8.200170599	55725.27	0.028028206	0.491848513	0.480123282
	7.91774548	0.997555494	8.239103409	56343.74	0.02852819	0.495374844	0.476096966
	7.890045181	1.01379324	8.079815733	54000.69	0.029175286	0.481513449	0.489311265
	7.86774573	1.022377229	7.990165362	52749.07	0.030493555	0.473869124	0.495637321
	7.886660738	1.007332515	8.128277415	54831.66	0.030691841	0.486155925	0.483152234
	7.879382762	1.012488953	8.079693243	54105.3	0.030716514	0.481873342	0.487410144
	7.906075173	0.991810557	8.275060699	57051.88	0.030964549	0.499072096	0.469963355
	7.88130162	1.00599563	8.133752047	54975.3	0.031582653	0.486848831	0.481568516
	7.857360326	1.022368294	7.980077008	52686.98	0.031783126	0.473286925	0.494929949
	7.854000186	1.015861827	8.027880725	53506.89	0.033290886	0.477905297	0.488803817
	7.874277526	0.999948012	8.175919964	55739.14	0.0334853	0.490997023	0.475517678
	7.854048407	1.011567862	8.062005632	54067.71	0.034008894	0.481099177	0.484891929
	7.829987482	1.024723882	7.935020367	52219.6	0.034786063	0.470007006	0.495206931
	7.879155447	0.988875707	8.272397409	57277.27	0.034794731	0.499711845	0.465493424
	7.86361997	0.997063344	8.188885297	56058.98	0.035296906	0.492551602	0.472151492
	7.855544222	0.997844891	8.174378289	55901.12	0.036160019	0.491483279	0.472356702
	7.811257813	1.029223665	7.882130466	51536.93	0.036365368	0.465667166	0.497967467
	7.826018304	1.016923776	7.991981193	53196.21	0.036579599	0.475517525	0.487902876
	7.860571918	0.991186119	8.234366028	56837.55	0.036686148	0.496835885	0.466477967
	7.807840013	1.029433791	7.877201498	51490.03	0.036755087	0.465322734	0.497922179
	7.819501838	1.019574766	7.964809936	52814.45	0.036944111	0.47319233	0.48986356
	7.850247676	0.995520482	8.188144005	56180.51	0.037213058	0.49292899	0.469857952
	7.823368078	1.014705729	8.006839063	53467.1	0.037279704	0.477004319	0.485715976
	7.852860827	0.993244976	8.209533814	56506.21	0.037282119	0.494810098	0.467907782
	7.836932256	1.004439531	8.102179773	54899.68	0.037334248	0.485428995	0.477236757
	7.843490329	0.99839279	8.157819047	55749.28	0.037554875	0.490358422	0.472086703
	7.838172693	1.001929883	8.123712269	55241.45	0.037607876	0.487383515	0.475008609
	7.823318504	1.012629694	8.023205267	53736.8	0.037634522	0.478538348	0.483827129
	7.851761979	0.98661549	8.263583389	57406.23	0.038564364	0.499798863	0.461636774
	7.801983033	1.022483023	7.92502197	52335.18	0.038632377	0.470063366	0.491304257
	7.80774244	1.016847959	7.974604033	53093.14	0.038856851	0.474527855	0.486615294
	7.848517747	0.986919938	8.257746984	57342.67	0.038911403	0.499371033	0.461717564
	7.797574367	1.023018492	7.916564382	52240.15	0.039090362	0.469421969	0.491487669
	7.820846332	1.005146219	8.080479804	54703.6	0.039203394	0.483961859	0.476834747
	7.806892983	1.01519073	7.986785275	53302	0.039239191	0.475700569	0.485060239
	7.801148121	1.018794504	7.9528948	52802	0.039349325	0.472719713	0.487930962
	7.844996942	0.985870732	8.262963965	57463.69	0.039527432	0.499961962	0.460510606
	7.828098829	0.996558108	8.157393089	55896.19	0.039769616	0.490833573	0.469396811
	7.776902202	1.031169242	7.833941569	51087.85	0.040311848	0.462332912	0.497355239
	7.836175769	0.986826308	8.246023738	57273.26	0.040448907	0.498701111	0.460849982
	7.783320749	1.025237663	7.885525897	51872.15	0.040491465	0.466997394	0.49251114
	7.793338302	1.0169523	7.959621798	52990.74	0.040624261	0.473627043	0.485748697
	7.787367746	1.021341697	7.919568111	52391.63	0.040634331	0.470068955	0.489296715
	7.827093215	0.990963942	8.202428226	56647.01	0.040854161	0.495007188	0.464138652
	7.781022832	1.024559442	7.888502988	51944.1	0.040888633	0.467361496	0.491749871
	7.777172164	1.02529407	7.879095171	51827.86	0.041245123	0.466609417	0.49214546
	7.780587174	1.021354782	7.91282785	52348.56	0.041472989	0.469674315	0.488852696
	7.808838452	1.000183876	8.108564871	55285.64	0.0415299	0.486971224	0.471498876
	7.768489359	1.028689967	7.844644168	51348.02	0.041763702	0.463656199	0.4945801
	7.818976738	0.990473343	8.198296484	56660.21	0.041939752	0.494894909	0.46316534
	7.800647366	1.002948658	8.078045363	54865.55	0.04207293	0.484422469	0.473504601
	7.770230969	1.020565424	7.908800528	52385.88	0.042887923	0.469662297	0.48744978
	7.802822536	0.996103294	8.135742526	55792.83	0.042968144	0.489680766	0.46735109
	7.76874465	1.020885756	7.904863004	52335.98	0.043019165	0.469343971	0.487636864
	7.813016667	0.988326532	8.210074092	56913.53	0.043044573	0.49616851	0.460786917
	7.770855496	1.015915256	7.945616369	52985.2	0.043582663	0.473101342	0.483315996
	7.800722504	0.992151095	8.166034322	56312.09	0.043903356	0.492535821	0.463560823
	7.765100814	1.017394221	7.928409694	52759.73	0.044049809	0.471688171	0.48426202
	7.792659137	0.996237589	8.124444028	55708.62	0.044200044	0.488978323	0.466821633
	7.746835403	1.029529101	7.817217394	51113.43	0.044314852	0.461835551	0.493849597
	7.769151858	1.010891414	7.983418533	53624.03	0.044631899	0.476698157	0.478669945
	7.80318831	0.985498251	8.223663203	57235.34	0.044744182	0.497729751	0.457526067
	7.764555325	1.013259456	7.960224471	53288.49	0.044805475	0.47468981	0.480504715
	7.801702571	0.985525483	8.221928406	57221.66	0.044922565	0.49761956	0.457457875
	7.80175462	0.985190098	8.224780201	57268.05	0.044974095	0.497878096	0.457147809

Table 3b: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 2

SPGSAGTR 2							
	7.760910562	1.012485496	7.962709573	53365.81	0.045385876	0.475048903	0.479565221
	7.743325548	1.024632624	7.851148546	51706.65	0.045553839	0.465178914	0.489267246
	7.736398403	1.028912084	7.811761487	51128.06	0.045711812	0.461695562	0.492592625
	7.783861151	0.992275467	8.148018176	56184.36	0.045962365	0.491437679	0.462599956
	7.74574189	1.019493271	7.893097001	52372.47	0.046101431	0.469050503	0.484848066
	7.791464706	0.984633111	8.218982284	57275.58	0.046338201	0.497682042	0.455979757
	7.760011729	1.001406298	8.04990855	54809.1	0.047356018	0.483190417	0.469453564
	7.770026978	0.992595207	8.131456116	56050.28	0.047614628	0.49037323	0.462012142
	7.775824313	0.988257929	8.173009769	56675.8	0.047641859	0.493991215	0.458366925
	7.757758129	0.999820826	8.060419737	55004.53	0.047902256	0.484238319	0.467859425
	7.709822962	1.034485646	7.743984064	50278.97	0.048105351	0.456210715	0.495683934
	7.74754638	1.005990266	8.000836634	54126.59	0.048125934	0.479062737	0.472811329
	7.777856839	0.983509972	8.214532097	57338.46	0.048208576	0.497715517	0.454075907
	7.705924074	1.035441889	7.733066961	50138.39	0.048434996	0.455311212	0.496253793
	7.778147	0.98193341	8.228016592	57557.36	0.04844523	0.498933698	0.452621073
	7.77358775	0.981897747	8.223672134	57531.49	0.04901287	0.498684769	0.452302362
	7.732784731	1.009139141	7.9612432	53622.95	0.049425492	0.47588405	0.474690458
	7.703018823	1.030711593	7.765738032	50704.84	0.04956356	0.458532661	0.491903779
	7.699053491	1.033610769	7.74011951	50323.1	0.049585551	0.456237018	0.49417743
	7.764186385	0.983353389	8.201938255	57268.02	0.049919564	0.497008697	0.453071739
	7.764710865	0.982936669	8.205949077	57328.74	0.049926799	0.497357042	0.452716159
	7.723244506	1.013180303	7.920072939	53041.16	0.049934228	0.472370099	0.477695673
	7.749796506	0.992131283	8.114867494	55979.73	0.050189754	0.489517154	0.460293092
	7.725772561	1.009632637	7.950406571	53514.83	0.050210987	0.475115339	0.474673674
	7.721418124	1.012121936	7.92655038	53165.97	0.05033602	0.473039098	0.476624882
	7.686304712	1.038334778	7.692626959	49669.41	0.050407096	0.452165891	0.497427013
	7.701115915	1.025897738	7.800322597	51292.73	0.05058426	0.461883464	0.487532276
	7.737225769	0.99821134	8.052846965	55085.29	0.050710435	0.484227324	0.465062241
	7.702172729	1.021909651	7.831798157	51799.89	0.051105793	0.464819892	0.484074315
	7.751724878	0.985233565	8.173637757	56927.13	0.051131435	0.494831353	0.454037212
	7.688905209	1.031098756	7.749134167	50572.86	0.051253696	0.457466543	0.491279761
	7.725371309	1.002647979	8.005390597	54423.24	0.051428284	0.480238743	0.468332973
	7.718657785	1.007490694	7.9602474	53747.84	0.051448314	0.476276268	0.472275418
	7.697514062	1.021990229	7.826622236	51761.34	0.051670343	0.464497356	0.483832302
	7.710778515	1.011540832	7.920585761	53174.26	0.051749669	0.472850419	0.475399912
	7.741117787	0.986389239	8.153307902	56698.8	0.052240462	0.493319605	0.454439932
	7.697585879	1.018420088	7.854129513	52213.08	0.052247523	0.46708474	0.480667737
	7.72060783	1.000564887	8.017296354	54666.71	0.05236679	0.481501263	0.466131948
	7.743010726	0.98316422	8.181978103	57151.46	0.052560545	0.495872591	0.451566864
	7.687106742	1.023602981	7.804123552	51495.34	0.052697333	0.46274455	0.484558117
	7.68723733	1.021959191	7.816804026	51702.61	0.05294993	0.463936719	0.483113351
	7.705243784	1.008297276	7.940576026	53558.41	0.052973502	0.474905232	0.472121265
	7.742920915	0.97997094	8.208547799	57589.39	0.053121603	0.49829139	0.448587007
	7.698137178	1.010266227	7.918065906	53259.22	0.05352587	0.473051982	0.473422148
	7.650056658	1.043879405	7.617042747	48788.64	0.05402829	0.446256015	0.499715694
	7.719339549	0.990387295	8.098404517	56013.5	0.05424351	0.489008084	0.456748406
	7.656363462	1.036817605	7.675005531	49678.97	0.054374339	0.451586657	0.494039004
	7.724537294	0.985180143	8.146484417	56752.37	0.054490728	0.493233931	0.452275342
	7.642426704	1.042940829	7.616581761	48857.35	0.055127716	0.44649827	0.498374015
	7.712681138	0.99001463	8.094727377	56019.61	0.055128037	0.488889328	0.455982635
	7.694672078	1.002384601	7.976867818	54261.08	0.05526685	0.478634995	0.466098154
	7.699352267	0.998881209	8.009530649	54751.53	0.055275568	0.481497322	0.463227109
	7.681984838	1.011373817	7.893423874	53015.42	0.055341803	0.471310227	0.47334797
	7.68445158	1.009058615	7.913979277	53328.86	0.055419772	0.473142258	0.47143797
	7.657488277	1.025054053	7.764181456	51134.54	0.056135588	0.460028444	0.483835968
	7.642221823	1.034695742	7.677077322	49854.47	0.056473268	0.452305474	0.491221258
	7.683046844	1.003312824	7.957901108	54065.36	0.056548835	0.477271278	0.466179887
	7.682334883	1.002879685	7.96062817	54117.33	0.056709088	0.47754805	0.465742862
	7.692480227	0.995039668	8.033546676	55215.28	0.056770306	0.48393931	0.459290384
	7.696997019	0.988822169	8.088627727	56076.12	0.057264657	0.488843584	0.45389176
	7.668292313	1.009065666	7.897909889	53226.13	0.057418186	0.472200648	0.470381166
	7.693704709	0.990271041	8.073468542	55859.69	0.057424923	0.4875635	0.455011578
	7.662464869	1.013348063	7.858782737	52640.82	0.057432999	0.468749815	0.473817186
	7.710295857	0.978163474	8.19036231	57616.51	0.05744891	0.497679882	0.444871208
	7.621124125	1.04143071	7.60717102	48915.59	0.05801941	0.446390657	0.495589933
	7.626886898	1.03660922	7.648112844	49531.39	0.058072581	0.450102126	0.491825292
	7.678141719	0.996818432	8.004827011	54886.27	0.058241373	0.481771896	0.459986732
	7.677958044	0.996940809	8.003660163	54868.91	0.058243514	0.481670508	0.460085978
	7.656148171	1.012456098	7.859467265	52715.25	0.05836195	0.469033052	0.472604998
	7.641874382	1.023091436	7.763814156	51284.63	0.05839165	0.460551538	0.481056813
	7.61887388	1.037740712	7.632052189	49347.35	0.058887952	0.448861213	0.492250835
	7.628187073	1.029951419	7.698814059	50352.35	0.058980375	0.454887922	0.486131703
	7.662717953	1.003355868	7.937298819	53929.77	0.059054694	0.476050504	0.464894802
	7.684405787	0.986760506	8.092767326	56270.12	0.059167063	0.489631653	0.451201284
	7.69295099	0.980588713	8.152417291	57165.82	0.059167384	0.494789018	0.446043597
	7.620359902	1.034194001	7.659662773	49786.64	0.059270852	0.45144556	0.489283588
	7.624452418	1.029906986	7.695519999	50335.52	0.059451328	0.454710363	0.485838308
	7.677088701	0.989371983	8.064010536	55870.28	0.05962632	0.487241	0.45313268
	7.686333844	0.9822983	8.131492475	56887.81	0.059689739	0.493098806	0.447211455
	7.612495856	1.037389318	7.628489235	49352.52	0.059737171	0.44875601	0.49150682
	7.63022015	1.021952361	7.761063862	51355.94	0.060022194	0.460706678	0.479271128
	7.669326224	0.991162766	8.041609195	55579.44	0.06028109	0.485443375	0.454275535
	7.656632412	0.999438693	7.962319108	54402.17	0.060459339	0.478569942	0.460970719
	7.658104825	0.99818187	7.973819655	54576.61	0.060487388	0.479581989	0.459930623
	7.618457818	1.026511861	7.715132684	50718.06	0.060743075	0.456787046	0.482469879
	7.644978983	1.006369326	7.895904782	53426.29	0.060748349	0.47281245	0.466439201
	7.645201633	1.005415547	7.903616618	53550.91	0.060878646	0.473521105	0.465600249
	7.628593503	1.017454958	7.793770946	51910.19	0.060955995	0.463841141	0.475202864
	7.624803824	1.015926103	7.80176943	52079.65	0.061675116	0.464724235	0.473600649
	7.669106477	0.981764463	8.118366644	56844.18	0.061902463	0.49245735	0.445640188
	7.599902321	1.032824528	7.650011691	49832.47	0.062032367	0.451273999	0.486693634
	7.620854796	1.015669858	7.799849647	52087.56	0.062206191	0.464682331	0.473111478
	7.641463713	1.000100127	7.941885908	54217.76	0.062223057	0.477191538	0.460585405
	7.589485052	1.039558916	7.590433135	48956.66	0.062253367	0.445962605	0.491784028
	7.638629888	1.001075846	7.931314409	54072.21	0.062410915	0.476309711	0.461279374
	7.666151868	0.980304288	8.127445075	57023.06	0.062515484	0.493376648	0.444107868
	7.599228242	1.030277433	7.668270101	50139.54	0.062524368	0.453035885	0.484439747
	7.611941553	1.019369312	7.76279887	51567.26	0.0627082	0.461517036	0.475774764
	7.587330062	1.037443804	7.603831093	49198.59	0.062857713	0.447326137	0.48981615
	7.57024778	1.050378294	7.493933585	47561.76	0.062939884	0.437381333	0.499678783

Table 3c: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 3

SPGSAGTR 3							
	7.657570905	0.983605008	8.091447515	56516.76	0.063009911	0.490378422	0.446611668
	7.647964224	0.988751386	8.039616151	55760.28	0.063322454	0.485959614	0.450717932
	7.593227038	1.029351655	7.669336707	50217.09	0.063418194	0.45335466	0.483227145
	7.642549342	0.991165184	8.014574017	55402.52	0.063583706	0.483843947	0.452572347
	7.614108052	1.010589014	7.832388174	52690.24	0.063873035	0.467958518	0.468168446
	7.568373768	1.044695607	7.532903469	48221.5	0.064067406	0.441220411	0.494712183
	7.595052853	1.022964414	7.719007756	51015.85	0.064219998	0.457990436	0.477789566
	7.609754983	1.011636067	7.819978579	52529.65	0.064240316	0.466950864	0.46880882
	7.647378713	0.983581688	8.081277029	56451.39	0.064269418	0.489780288	0.445950294
	7.652826914	0.979542143	8.120165492	57036.57	0.064285981	0.49314059	0.442573429
	7.591391154	1.024996943	7.700128864	50741.94	0.064346359	0.45633803	0.479315611
	7.648845708	0.981196028	8.102420796	56784.51	0.064494242	0.491656398	0.443849359
	7.658330334	0.974056442	8.171546724	57826.68	0.064548412	0.497617932	0.437833656
	7.563059272	1.04317404	7.53879637	48371.57	0.064969006	0.44198779	0.493043204
	7.610684305	1.006148123	7.863555588	53237.14	0.065026474	0.470976762	0.463996764
	7.581973911	1.027445746	7.672610776	50383.48	0.065121252	0.454071437	0.480807311
	7.634457706	0.986780288	8.041987861	55934.35	0.065320171	0.486615528	0.448064301
	7.549812554	1.050888583	7.470849026	47386.41	0.065406562	0.435923701	0.498669737
	7.576478452	1.029204179	7.654162316	50134.98	0.065521559	0.452520064	0.481958377
	7.637129981	0.983625108	8.070500956	56376.63	0.065524568	0.489128834	0.445346598
	7.579692852	1.025330478	7.686214753	50630.05	0.065744259	0.455441146	0.478814595
	7.637663652	0.981105178	8.091773668	56721.2	0.065886579	0.491046482	0.443066939
	7.645232916	0.975392481	8.146925939	57552.68	0.065929984	0.495804891	0.438265124
	7.566865769	1.033663816	7.611839595	49534.96	0.066003352	0.448843641	0.485153007
	7.594430794	1.011083413	7.809096737	52503.9	0.066227732	0.466464644	0.467307624
	7.543208935	1.048924177	7.478544684	47579.02	0.066536915	0.436921542	0.496541542
	7.555269223	1.039263175	7.559669973	48792.81	0.066556235	0.44428355	0.489160215
	7.573924703	1.023404549	7.695043083	50832.95	0.06676983	0.456481237	0.476748933
	7.62220935	0.986739123	8.029910397	55858.18	0.066836808	0.485910117	0.447253075
	7.613514353	0.992754688	7.972494962	55000.73	0.06689927	0.480939107	0.452161623
	7.603389935	1.000093808	7.903865882	53973.13	0.066928051	0.474957161	0.458114789
	7.627505366	0.980194786	8.088925661	56775.93	0.067292035	0.491112109	0.441595856
	7.636320614	0.972499718	8.161995174	57889.67	0.067522161	0.497445326	0.435032513
	7.572088147	1.019768024	7.72068289	51273.05	0.067584101	0.458962189	0.473453711
	7.533635821	1.049591763	7.464667206	47446.49	0.067625199	0.435942236	0.496432565
	7.555501674	1.032085566	7.612468698	49658.95	0.067666705	0.449318454	0.483014841
	7.544508443	1.040529761	7.540126316	48578.96	0.067694709	0.442808864	0.489496428
	7.578952583	1.012730479	7.78111268	52198.39	0.06787521	0.464387135	0.467737655
	7.549641528	1.035017748	7.585240864	49269.69	0.067928705	0.446937422	0.485133873
	7.543868067	1.037301884	7.562972342	48961.14	0.06828445	0.445021898	0.486693652
	7.559676789	1.024615378	7.672043923	50597.12	0.068342783	0.454817572	0.476839645
	7.569900738	1.016576619	7.742769194	51658.21	0.068371564	0.461113285	0.470515152
	7.627196968	0.974075447	8.139425319	57609.66	0.068373802	0.495694162	0.435932036
	7.542584394	1.036058691	7.570808345	49102.87	0.068640886	0.445818436	0.485540677
	7.623997372	0.974442921	8.133072334	57537.16	0.068704404	0.49522081	0.436074786
	7.585481068	1.001882611	7.871878773	53626.07	0.068845379	0.472602488	0.458552132
	7.607547502	0.983651897	8.040207024	56174.16	0.069164244	0.487322249	0.443513507
	7.615287171	0.977317235	8.100240414	57084.23	0.069285362	0.492526014	0.438188624
	7.562298185	1.016594766	7.735152532	51608.96	0.069310604	0.460665139	0.470024257
	7.569337622	1.009417022	7.797129279	52557.99	0.069605669	0.466213111	0.46418122
	7.527076463	1.041724858	7.514742298	48335.75	0.069675364	0.441021057	0.489303579
	7.543085351	1.028959449	7.623529529	49965.05	0.069707049	0.450820052	0.479472899
	7.519058833	1.044546084	7.486769942	47955.82	0.070230386	0.438629818	0.491139796
	7.608658271	0.976536758	8.099926191	57145.35	0.070233875	0.492707097	0.437059028
	7.507914636	1.051129691	7.429275465	47121.56	0.070590611	0.433493484	0.495915905
	7.537953691	1.026772706	7.634767691	50201.22	0.070693122	0.452070085	0.477236792
	7.511507548	1.047416743	7.459041488	47575.24	0.070721658	0.43623897	0.493039372
	7.582720142	0.991249207	7.953537292	54996.85	0.070949827	0.480212444	0.44883773
	7.554858408	1.01117933	7.769221114	52243.73	0.071110607	0.464110098	0.464779294
	7.605926669	0.972887905	8.12749755	57626.17	0.071192431	0.495283973	0.433523595
	7.544207176	1.01842841	7.703462011	51268.6	0.071256308	0.458325637	0.470418055
	7.509303174	1.04545007	7.470964697	47793.4	0.071303487	0.437473451	0.491223062
	7.569594363	0.998676336	7.881243874	53938.98	0.071337327	0.474000697	0.454661976
	7.527741302	1.03058696	7.59660174	49675.57	0.071353416	0.448818598	0.479827986
	7.5348959	1.024378077	7.649630024	50476.26	0.071455417	0.453585083	0.4749595
	7.579408187	0.989691534	7.96270889	55180.82	0.071618327	0.481160666	0.447221007
	7.501758352	1.04828453	7.443566624	47418.19	0.071800678	0.435112591	0.493086731
	7.56018325	1.000548994	7.857087147	53635.75	0.072191205	0.472085943	0.455722852
	7.494397214	1.049315739	7.429236324	47256.09	0.072557207	0.434005646	0.493437147
	7.56195943	0.995986104	7.894865993	54239.4	0.072724861	0.47550985	0.451765289
	7.586855217	0.977515841	8.069508721	56863.05	0.07275017	0.490642856	0.436606973
	7.591907908	0.972858084	8.113336808	57533.44	0.072921119	0.494445007	0.432633874
	7.569804991	0.988887695	7.959470444	55223.59	0.072936764	0.481177663	0.445885572
	7.577209852	0.982976343	8.014869632	56060.78	0.07301513	0.48599097	0.440993901
	7.541742576	1.009247145	7.771099482	52405.79	0.073048166	0.464736584	0.46221525
	7.531547207	1.015227951	7.715276742	51589.54	0.073341251	0.459876806	0.466781943
	7.495505191	1.043183716	7.473968839	47980.8	0.073375604	0.438281442	0.488342954
	7.497043898	1.037390138	7.517192426	48676.37	0.07409277	0.442370925	0.483536305
	7.572099004	0.979868858	8.03507156	56444.18	0.074168219	0.487989721	0.43784206
	7.470409372	1.057456759	7.349356558	46182.06	0.074288159	0.427161586	0.498550256
	7.495583384	1.035691827	7.528108821	48870.54	0.074541608	0.443468046	0.481990346
	7.542881022	0.99784032	7.861075818	53874.38	0.074774521	0.473032787	0.452192692
	7.508365761	1.02215445	7.640316152	50588.36	0.075101966	0.453650491	0.471247543
	7.534389518	1.001340036	7.825120965	53367.89	0.075248513	0.469998466	0.454753021
	7.51145937	1.017984237	7.674653968	51122.23	0.075386442	0.456770986	0.467842571
	7.460772795	1.056524565	7.346720034	46235.06	0.075633835	0.427278503	0.497087662
	7.488684485	1.033469513	7.537621356	49095.99	0.075749198	0.44462816	0.479622642
	7.530667089	1.000205737	7.830273503	53489.87	0.075894444	0.47059954	0.453506016
	7.54846041	0.985423658	7.965789879	55540.98	0.07614657	0.482446856	0.441406574
	7.553825845	0.981327284	8.004509164	56124.2	0.076172352	0.485797855	0.438029792
	7.573665749	0.965876788	8.153092856	58369.79	0.076357724	0.498585791	0.425056484
	7.513017109	1.009833654	7.738140303	52150.91	0.076507798	0.462653513	0.460838689
	7.482488244	1.02954378	7.560344483	49531.72	0.077138721	0.447014146	0.475847133
	7.513860199	1.004171976	7.782608733	52873.92	0.077323242	0.466756462	0.455920296
	7.488145739	1.023514168	7.610410653	50298.66	0.077393105	0.451548984	0.471057911
	7.494024064	1.018545202	7.653309286	50945.49	0.077457413	0.455379258	0.467163329
	7.459958929	1.043846174	7.435172452	47698.11	0.07769678	0.435880334	0.486422886
	7.541547804	0.980984716	7.994788368	56087.09	0.077741735	0.48530702	0.436951245
	7.491377366	1.016350652	7.667230543	51200.95	0.07813706	0.456778007	0.465084933
	7.469485049	1.033305454	7.520237515	49002.05	0.078160739	0.443673143	0.478166118

Table 3d: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 4

SPGSAGTR 4							
	7.49667045	1.011498986	7.709239402	51839	0.078261947	0.460522181	0.461215873
	7.50342336	1.005921743	7.758695749	52584.95	0.078329148	0.464892909	0.456777943
	7.548541289	0.971556562	8.07956941	57411.68	0.078474029	0.492754453	0.428771518
	7.549671897	0.969336653	8.099239062	57723.91	0.078712945	0.494489708	0.426797347
	7.535649363	0.977034939	8.021071144	56578.39	0.079132205	0.48787687	0.432990926
	7.485336059	1.014186606	7.677633886	51432.48	0.079232774	0.457962452	0.462804774
	7.462114169	1.032103887	7.521850907	49102.3	0.079265528	0.444095357	0.476639114
	7.50204833	1.001197457	7.793932822	53178.3	0.079268336	0.468202936	0.452528728
	7.499801537	1.000519381	7.796969331	53250.72	0.079656661	0.468558911	0.451784428
	7.444487176	1.043515667	7.422700792	47647.69	0.079673998	0.435260124	0.485065878
	7.484119858	1.011854235	7.694129233	51715.97	0.07975843	0.459545577	0.460695993
	7.507062151	0.992142833	7.870116362	54381.27	0.080135108	0.475048635	0.444816256
	7.45284335	1.033702498	7.501249878	48856.15	0.080166297	0.442471937	0.477361766
	7.537628679	0.969429377	8.086041397	57627.26	0.080176913	0.493675921	0.426147167
	7.412336248	1.063944527	7.249958472	45127.84	0.080544966	0.419700107	0.499754927
	7.474965567	1.013979489	7.668974614	51393.75	0.080550399	0.457512903	0.461936699
	7.528819285	0.973070324	8.046732574	57068.78	0.080641856	0.490409911	0.428948233
	7.519028356	0.97993153	7.980400166	56075.62	0.080690946	0.4847187	0.434590354
	7.54331194	0.962099254	8.153555154	58680.93	0.080732619	0.49955445	0.41971293
	7.411496699	1.062536754	7.258773934	45281.24	0.080863851	0.420599101	0.498537048
	7.456134285	1.026033	7.560528441	49798.28	0.080965412	0.447979876	0.471054713
	7.445570953	1.033341587	7.496832065	48856.2	0.081126577	0.442316617	0.476556806
	7.427141342	1.047420493	7.378468134	47093.59	0.081229163	0.431648853	0.487121985
	7.52772194	0.969376594	8.076261981	57565.47	0.081403142	0.493103343	0.425493515
	7.481625101	1.002307091	7.764928097	52905.45	0.081611549	0.466208346	0.452180104
	7.418047202	1.051874872	7.338576856	46528.38	0.081676337	0.428132715	0.490190948
	7.45432945	1.022292789	7.586424286	50242.28	0.081781676	0.450488754	0.46772957
	7.452626154	1.023509713	7.575740068	50083.57	0.081800024	0.449541906	0.46865807
	7.418351855	1.049217491	7.357453832	46835.83	0.082047033	0.429950458	0.48800251
	7.40577814	1.058275066	7.282601449	45730.35	0.082226806	0.423156206	0.494616988
	7.451573708	1.021583401	7.588994784	50312.12	0.082235996	0.45082853	0.466935474
	7.495759274	0.987637729	7.894571495	54896.55	0.082273674	0.47765499	0.440071337
	7.437197293	1.031859012	7.499488394	48983.63	0.082399397	0.442874414	0.47472619
	7.510652897	0.974676803	8.014831446	56725.72	0.082604545	0.488099791	0.429295664
	7.4497297	1.019747498	7.600849331	50525.55	0.082756227	0.45200894	0.465234833
	7.479718289	0.996057969	7.811729758	53694.34	0.082866457	0.470589114	0.44654443
	7.502782397	0.978394688	7.976330909	56171.14	0.082948186	0.484865617	0.432186197
	7.426381616	1.036027495	7.458874443	48423.75	0.083091553	0.439399359	0.477509088
	7.524618828	0.961242795	8.141373083	58667.48	0.083173307	0.499033408	0.417793285
	7.517642049	0.965686573	8.096684434	58002.19	0.083269423	0.495247457	0.42148312
	7.518641952	0.963743188	8.114048892	58277.81	0.08347847	0.496772193	0.419749338
	7.418294606	1.039314499	7.42750342	47988.61	0.083585545	0.436697254	0.479717201
	7.446749621	1.014491726	7.637289508	51154.74	0.083963004	0.455529981	0.460507015
	7.479065709	0.989490694	7.862916903	54542.82	0.084025755	0.475305231	0.440669014
	7.448828896	1.012372697	7.65532922	51430.67	0.084044445	0.457143531	0.458812024
	7.386181576	1.062127853	7.237734087	45188.32	0.084086862	0.419530778	0.49638236
	7.452460306	1.009281091	7.682376856	51839.25	0.084090978	0.45953973	0.456369293
	7.504170031	0.970466959	8.04291929	57252.55	0.08411236	0.490834238	0.425053402
	7.431581579	1.025186101	7.54282463	49752.61	0.084146001	0.447184592	0.468669407
	7.468223577	0.996821364	7.79421594	53521.21	0.084160894	0.469359036	0.44648007
	7.481051474	0.987087686	7.88407046	54870.9	0.08417772	0.47717321	0.43864907
	7.379499899	1.066091877	7.204554748	44709.38	0.084321489	0.416533407	0.499145104
	7.396779002	1.049666512	7.33375439	46661.74	0.084665887	0.428477165	0.486856948
	7.439266326	1.013876554	7.634542575	51184.39	0.084988072	0.455532982	0.459478946
	7.393248831	1.049991714	7.328120896	46604.37	0.085055873	0.428066105	0.486878022
	7.466827511	0.991874216	7.831683467	54151.45	0.08514312	0.472846068	0.442010812
	7.509581721	0.959846752	8.137548095	58754.94	0.085257512	0.499147022	0.415595466
	7.457864903	0.997805952	7.776143529	53327.53	0.085279495	0.468039378	0.446681126
	7.491646492	0.970616705	8.028775773	57145.14	0.085626146	0.489950222	0.424423632
	7.484488483	0.975752466	7.979181345	56400.97	0.085641992	0.485701119	0.428656889
	7.39266964	1.046464747	7.352265857	47007.32	0.085669648	0.430421989	0.483908363
	7.463528939	0.990533297	7.838955393	54304.05	0.085770251	0.473620022	0.440609726
	7.367059656	1.064805121	7.201577918	44784.82	0.086069879	0.416733722	0.497196398
	7.381724086	1.052699522	7.298323326	46229.5	0.086077855	0.425617001	0.488305144
	7.38681838	1.048430167	7.332902098	46747.32	0.086096545	0.428773141	0.485130313
	7.449689433	0.997674768	7.768971482	53291.31	0.086310492	0.467650867	0.446038641
	7.458531096	0.990749277	7.832202016	54242.95	0.086351215	0.473165187	0.440483598
	7.471478872	0.980484306	7.927405077	55679.42	0.086452518	0.48142404	0.432123442
	7.369298086	1.060399434	7.233609555	45289.31	0.086456589	0.419788838	0.493754573
	7.423472071	1.014375742	7.615215096	51024.42	0.086864578	0.454274275	0.458861147
	7.460688065	0.98433939	7.885395557	55096.33	0.087141772	0.477951201	0.434907027
	7.413104929	1.020019484	7.562916629	50267.86	0.087253582	0.449733639	0.463012779
	7.388480889	1.036521817	7.41875198	48142.8	0.087726473	0.436960526	0.475313001
	7.47145144	0.97234823	7.993709035	56770.3	0.08781673	0.487420564	0.424762706
	7.39826474	1.027897126	7.490518201	49225.41	0.08785506	0.443430616	0.468714324
	7.372738812	1.047946403	7.322851799	46722.81	0.087924581	0.428335386	0.483740033
	7.487640508	0.959864742	8.114536934	58595.85	0.087945652	0.497756862	0.414297486
	7.429611859	1.001516782	7.719121029	52672.12	0.088167803	0.463723114	0.448109083
	7.448183855	0.98695408	7.851835668	54669.37	0.088251095	0.475296088	0.436452817
	7.457721721	0.979409523	7.922058068	55729.04	0.088324947	0.481376499	0.430298554
	7.418709087	1.008047442	7.65829678	51780.68	0.088465085	0.458455011	0.453079904
	7.365207555	1.047905893	7.315947925	46684.56	0.088868902	0.427953535	0.483177563
	7.385283121	1.03165935	7.450618765	48698.94	0.088879615	0.440113813	0.471006572
	7.411640489	1.010232437	7.634735923	51463.83	0.08899025	0.45650479	0.45450496
	7.336639324	1.070611196	7.134108763	43979.25	0.088999093	0.411290075	0.499710832
	7.456334975	0.976362405	7.945361605	56126.22	0.089003378	0.483530109	0.427466513
	7.43667348	0.990314731	7.813567377	54155.01	0.08911837	0.472173747	0.438707883
	7.419763649	1.002900388	7.698651961	52433.92	0.089161706	0.462161819	0.448676476
	7.401556013	1.016990479	7.574086056	50567.07	0.089164336	0.451187413	0.45964825
	7.40585982	1.012066237	7.61519052	51200.14	0.089413345	0.454881778	0.455704876
	7.392738048	1.021884022	7.529186555	49916.72	0.089484821	0.447279498	0.463235681
	7.455437895	0.973690866	7.966240166	56478.61	0.089560374	0.48544392	0.424995706
	7.351444821	1.0538927	7.261329555	45923.79	0.089671144	0.423185534	0.487143322
	7.40079262	1.013571064	7.598885059	50982.61	0.089801366	0.453534654	0.45666398
	7.35223081	1.049666909	7.291311307	46409.09	0.090216516	0.426063625	0.48371986
	7.386888467	1.021681807	7.524951316	49905.55	0.090242065	0.447087742	0.462670192
	7.425606214	0.991420413	7.793690246	53938.73	0.090302627	0.47071593	0.438981443
	7.466343432	0.958572908	8.103255122	58623.25	0.090778452	0.497392983	0.411828565
	7.391986796	1.013216825	7.592850805	50971.41	0.090948097	0.453275931	0.455775972
	7.391568576	1.011914514	7.602209341	51129.53	0.091206801	0.454163885	0.454629313

Table 3e: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 5

SPGSAGTR 5							
	7.404114743	1.001956122	7.690288991	52452.85	0.091247954	0.461915294	0.446836753
	7.413564754	0.993616083	7.764349108	53576.53	0.091430426	0.468421466	0.440148108
	7.451822075	0.964788635	8.035997924	57662.18	0.091503167	0.491825528	0.416671305
	7.354963456	1.03842178	7.372900872	47723.79	0.091600423	0.433812315	0.474587261
	7.454874865	0.961191661	8.069246304	58178.54	0.091738708	0.494705699	0.413555594
	7.371820591	1.02365421	7.495732353	49575.62	0.091801305	0.44486889	0.463329805
	7.440907466	0.970542109	7.97711381	56802.77	0.091874394	0.486876212	0.421249395
	7.312094698	1.071321941	7.106465201	43770	0.091962009	0.409540224	0.498497767
	7.419047198	0.986187809	7.828391831	54575.11	0.091968242	0.47409997	0.433931789
	7.435849952	0.973371123	7.948733181	56386.53	0.092022452	0.484477244	0.423500304
	7.355800854	1.032486778	7.416093269	48425.87	0.092413664	0.437902118	0.469684218
	7.457608095	0.955145831	8.123184159	59038.41	0.092435916	0.499427959	0.408136125
	7.394422916	1.001590651	7.683418671	52436.76	0.092504506	0.461606045	0.445889449
	7.348961118	1.037102872	7.37648956	47842.84	0.092550138	0.434376746	0.473073116
	7.372822544	1.017355898	7.543122273	50345.09	0.09266709	0.449289582	0.458043329
	7.310130088	1.068110526	7.125992389	44110.84	0.092686767	0.411549365	0.495763868
	7.326465099	1.053458802	7.240608247	45832.76	0.092851521	0.422131664	0.485016816
	7.311073388	1.065230647	7.146143233	44432.86	0.092999572	0.413497289	0.493503138
	7.324955728	1.052551393	7.245416392	45926.94	0.0931772	0.422656453	0.484166347
	7.359387037	1.024325571	7.478681236	49419.49	0.093238745	0.443702656	0.463058599
	7.335889162	1.041604803	7.332057738	47242.73	0.093483986	0.430605626	0.475910387
	7.315019474	1.057800356	7.20007024	45280.42	0.093623044	0.418626344	0.487750612
	7.3413785	1.035182406	7.382849486	48023.28	0.09378901	0.435262205	0.470948785
	7.409195857	0.982150394	7.850542333	55037.97	0.093845912	0.476432188	0.4297219
	7.410058984	0.981179889	7.859187148	55171.54	0.093899607	0.477189649	0.428910744
	7.383260551	1.00125859	7.674818495	52406.92	0.093937279	0.46118624	0.444876482
	7.353779081	1.023331887	7.480463149	49504.88	0.09408979	0.44407014	0.461840069
	7.294924389	1.071370702	7.090115279	43672.77	0.094101853	0.408611965	0.497286182
	7.360981069	1.016955592	7.534447446	50320.82	0.094197509	0.448890419	0.456912072
	7.394115584	0.989619571	7.776051732	53963.51	0.094480464	0.470130088	0.435389448
	7.36323794	1.013073287	7.565548744	50809.82	0.094530776	0.451721107	0.453748117
	7.307160708	1.0579788	7.191427749	45216.85	0.094576706	0.418088056	0.487335238
	7.422399073	0.967508833	7.982993234	57084.56	0.094657608	0.487976385	0.417366007
	7.396312086	0.985620325	7.809832326	54497.19	0.094863112	0.473142003	0.431994885
	7.361142648	1.012236945	7.569729672	50899.55	0.094922553	0.452183707	0.45289374
	7.302256497	1.059574075	7.175971993	45011.67	0.094948807	0.416769104	0.48828209
	7.302023771	1.05954281	7.175964098	45013.87	0.094982549	0.416777409	0.488240042
	7.319662111	1.044194101	7.298336103	46850.32	0.095107593	0.42797107	0.476921336
	7.437120771	0.954187035	8.109875614	59024.38	0.095110656	0.498855974	0.40603337
	7.303358365	1.05680781	7.195798217	45326.76	0.095227387	0.418661843	0.48611077
	7.280980973	1.075048757	7.052887894	43199.87	0.095300391	0.40548171	0.499217899
	7.302806601	1.056613797	7.196597296	45345.43	0.095325435	0.418761093	0.485913472
	7.320585357	1.037779889	7.344334599	47597.7	0.095974334	0.432348489	0.471677177
	7.344854264	1.018233883	7.509150684	50065.99	0.095995008	0.447082822	0.45692217
	7.3733978	0.995359688	7.710393822	53090.71	0.096105451	0.464792025	0.439102525
	7.383347057	0.987754429	7.779832945	54133.39	0.096112302	0.470825338	0.43306236
	7.403580511	0.972410597	7.923399772	56292.52	0.096150175	0.483200596	0.420649229
	7.371059352	0.995038029	7.7105362	53116.44	0.096446051	0.464882343	0.438671606
	7.386101958	0.983541246	7.815960316	54700.09	0.096461792	0.474028026	0.429510183
	7.356308254	1.00535184	7.616761956	51721.5	0.096614162	0.456722911	0.446662927
	7.29187147	1.05709059	7.183006769	45231.23	0.096617837	0.417859682	0.485522481
	7.412201101	0.963099763	8.008950669	57613.5	0.096651916	0.490613564	0.41273452
	7.372939901	0.991757319	7.737938655	53548.37	0.096744818	0.467333895	0.435921288
	7.38906728	0.979122622	7.854261049	55300.42	0.096823182	0.47741013	0.425766688
	7.402590999	0.968254405	7.956388683	56845.04	0.096965742	0.486198344	0.416835914
	7.287210139	1.05859486	7.168396348	45037.53	0.096973521	0.416614918	0.48641156
	7.296143704	1.050946215	7.22906747	45946.14	0.097011409	0.422172189	0.480816402
	7.416433179	0.957433681	8.060767784	58423.5	0.097092322	0.495108276	0.407799402
	7.351220523	1.005083491	7.613733569	51722.57	0.097286051	0.456614612	0.446099337
	7.333456733	1.017710493	7.501813314	50059.28	0.097489634	0.446793754	0.455716613
	7.370546087	0.988603767	7.760200528	53938.48	0.097552157	0.469448059	0.432999784
	7.267697096	1.070955925	7.067437893	43572.04	0.097568014	0.40746163	0.494970356
	7.359450262	0.996626884	7.68659543	52838.74	0.097623101	0.46306584	0.439311059
	7.412186521	0.95669157	8.062581662	58495.8	0.09773912	0.495396866	0.406864014
	7.269119227	1.067115821	7.094203341	43998.07	0.097960133	0.410048062	0.491991805
	7.364111206	0.989199986	7.749018103	53818.89	0.098248691	0.468635559	0.43311575
	7.289511683	1.047585951	7.245924852	46289.74	0.09834625	0.42405422	0.47759953
	7.257478818	1.073904759	7.038516356	43198.5	0.098409874	0.405006885	0.49658324
	7.299591326	1.038886788	7.316301263	47346.53	0.098415629	0.430441808	0.471142563
	7.407696748	0.954734043	8.07441004	58735.26	0.098622645	0.496582189	0.404795166
	7.275298477	1.056025937	7.174554719	45257.94	0.098845115	0.417677211	0.483477674
	7.307500007	1.028784577	7.395831514	48575.6	0.098985635	0.437726125	0.46328824
	7.370427334	0.979635341	7.831122873	55106.24	0.099033218	0.475904519	0.425062263
	7.29182549	1.040763702	7.295645365	47084.43	0.099095071	0.428750905	0.472154023
	7.391858361	0.963355097	7.985711374	57434.68	0.099105612	0.48915452	0.411739867
	7.321030752	1.01620563	7.500694661	50165.14	0.099265283	0.447122826	0.453611891
	7.363499581	0.981288487	7.810870169	54842.39	0.099614799	0.474287948	0.426097252
	7.356471144	0.984980208	7.774459296	54313.76	0.099877065	0.471203173	0.428919762
	7.304084278	1.025739254	7.414459021	48916.16	0.099880821	0.4396109	0.460508279
	7.240105498	1.078106461	6.994970501	42655.97	0.099965421	0.401380713	0.498653866
	7.250767129	1.068892449	7.065242649	43705.23	0.099990192	0.407922838	0.49208697
	7.383647222	0.963706614	7.974278167	57328.73	0.100054366	0.488381982	0.411563652
	7.383051961	0.964112425	7.970304242	57269.32	0.10005931	0.488044611	0.411896079
	7.395912454	0.954497343	8.06406629	58682.96	0.100106962	0.496014324	0.403878715
	7.37386703	0.970142041	7.91129968	56390.63	0.100179951	0.483034422	0.416785627
	7.298882062	1.027688066	7.395336876	48653.65	0.100224988	0.437989016	0.461785996
	7.364149659	0.976519988	7.849677574	55474.21	0.100318599	0.477782343	0.421899058
	7.24080761	1.075037121	7.015594956	42988.19	0.10032872	0.403405672	0.496265608
	7.389731953	0.957435418	8.032864877	58231.55	0.100365618	0.493425261	0.40620912
	7.242830597	1.073035726	7.03056553	43214.21	0.100370439	0.40481017	0.494819391
	7.239054049	1.074691584	7.016218932	43015.99	0.100598976	0.403538833	0.495862191
	7.300891185	1.02277875	7.432798715	49249.75	0.100736193	0.441454515	0.457809293
	7.258888758	1.05695236	7.15274069	45063.23	0.100753224	0.416186448	0.483060327
	7.333616147	0.996147464	7.664360763	52731.35	0.100889792	0.461876903	0.437233305
	7.245912391	1.065920033	7.080390224	44002.93	0.101037317	0.409609057	0.489353626
	7.311803505	1.011841856	7.523923674	50639.5	0.101093311	0.449612795	0.449293894
	7.23611323	1.073567105	7.02082859	43121.22	0.101132408	0.40411564	0.494751952
	7.304818896	1.01643768	7.483032595	50036.74	0.101237536	0.446034176	0.452728288
	7.277116145	1.037938411	7.301332578	47325.07	0.101355578	0.429839372	0.46880505
	7.311490283	1.009054086	7.544400027	50979.43	0.101571207	0.45153024	0.446898553

Table 3f: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 6

SPGSAGTR 6							
	7.237267795	1.068981058	7.052028778	43622.87	0.10166447	0.407157457	0.491178073
	7.370040242	0.962066795	7.97372664	57455.73	0.101999657	0.488746206	0.409254137
	7.283041818	1.028875508	7.371406115	48418.42	0.102008388	0.436292175	0.461699437
	7.359372437	0.969445764	7.902030329	56383.11	0.102076804	0.48264958	0.415273616
	7.353613252	0.973121123	7.866267067	55852.45	0.102175549	0.479609881	0.418214571
	7.370554709	0.958732075	8.001997953	57915.61	0.102497852	0.491252528	0.40624962
	7.250298815	1.052012659	7.17816097	45567.25	0.102564717	0.418988066	0.478447218
	7.299837738	1.011756233	7.512733683	50575.1	0.102588123	0.448981693	0.448430184
	7.349034616	0.973831392	7.855828097	55726.53	0.102621227	0.478811683	0.41856709
	7.367110383	0.959103294	7.995309605	57840.04	0.102857655	0.490760225	0.406382121
	7.341262321	0.976762375	7.824297809	55285.62	0.103094586	0.476208524	0.420696891
	7.223278245	1.070602747	7.028279776	43372.13	0.103174121	0.405370667	0.491455212
	7.313015794	0.996238917	7.642979067	52585.66	0.103418501	0.460593057	0.435988441
	7.354873416	0.964452485	7.938276821	57024.3	0.103461436	0.486038067	0.410500497
	7.312706898	0.996011994	7.644410242	52612.29	0.10349295	0.460734825	0.435772225
	7.364957331	0.956563472	8.014287546	58173.73	0.103550307	0.492514149	0.403935544
	7.243063338	1.051166294	7.177057302	45621.45	0.103593561	0.419157236	0.477249203
	7.323118049	0.987214322	7.723080258	53802.19	0.103624596	0.467596896	0.428778508
	7.321045099	0.987794346	7.71644677	53713.8	0.103786285	0.467058812	0.429154903
	7.29712882	1.005184574	7.559155211	51365.75	0.103958774	0.453388658	0.442652567
	7.290257324	1.00751358	7.534860934	51034.86	0.104441089	0.451368493	0.444190418
	7.359944485	0.954274792	8.028255527	58453.61	0.104551954	0.49390452	0.401543526
	7.282341593	1.012528814	7.489721656	50371.54	0.104633124	0.44743879	0.447928086
	7.236785788	1.048104818	7.192031797	45930.54	0.104835545	0.420843854	0.474320601
	7.257804736	1.030148602	7.337797783	48117.99	0.104946639	0.434015796	0.461037565
	7.35466711	0.954576707	8.020187843	58373.68	0.105147481	0.49334521	0.401507309
	7.234461587	1.046037725	7.204022188	46151	0.105435988	0.422088081	0.47247593
	7.345733023	0.959327456	7.971157673	57656.55	0.105441678	0.489251363	0.405306959
	7.292755827	0.998736534	7.603580086	52140.2	0.105521892	0.457639905	0.436838203
	7.312379404	0.983215451	7.743569114	54246.58	0.105596194	0.469807747	0.424596059
	7.215162979	1.060103615	7.090231807	44472.31	0.105739901	0.411783382	0.482476718
	7.224396027	1.052254932	7.151891797	45394.19	0.10575721	0.41743065	0.476812141
	7.294851386	0.995604726	7.629602976	52547.29	0.105762391	0.45996436	0.434273249
	7.246558958	1.033773938	7.30118653	47628.24	0.10578938	0.430944967	0.463265653
	7.198130644	1.072301261	6.993695062	43054.74	0.106069218	0.402958068	0.490972714
	7.284832306	1.000810139	7.579908915	51830.08	0.106171373	0.455721796	0.438106832
	7.321374166	0.972670094	7.836769741	55689.65	0.106213711	0.477956792	0.415829496
	7.237923835	1.037749105	7.264897833	47117.7	0.106258021	0.427800405	0.465941574
	7.229289772	1.044395246	7.210399693	46307.62	0.106327285	0.422896141	0.470776574
	7.314608192	0.974709228	7.813433344	55373.46	0.106710489	0.476064043	0.417225468
	7.293561095	0.990553294	7.66720835	53178.74	0.106730653	0.463453667	0.42981568
	7.244824847	1.02898418	7.33348713	48176.88	0.106736873	0.434074939	0.459188187
	7.225521085	1.044183236	7.20825447	46310.02	0.106828375	0.42283088	0.470340745
	7.331239395	0.960406483	7.947110855	57405.95	0.107038436	0.487544366	0.405417198
	7.332331191	0.959391591	7.956655712	57552.03	0.107074571	0.488362401	0.404563028
	7.227516748	1.04037	7.236592884	46756.19	0.107155434	0.425476595	0.467367971
	7.215887297	1.049029025	7.165773785	45707.62	0.107300318	0.419098308	0.473601374
	7.264859292	1.00801527	7.505914752	50812.72	0.107504261	0.449545621	0.442950117
	7.294172185	0.985259115	7.709027462	53860.5	0.107508244	0.46724979	0.425241966
	7.301922474	0.977998128	7.774186518	54854.76	0.107732955	0.47291657	0.419350475
	7.276183999	0.99723187	7.598434846	52221.29	0.107807875	0.45771689	0.434475235
	7.256411168	1.011977436	7.468178922	50276.5	0.107929732	0.446323606	0.445746662
	7.323142569	0.961008557	7.933706629	57266.44	0.107930997	0.486593123	0.40547588
	7.294548656	0.980331493	7.748160803	54500.42	0.108260554	0.470792916	0.42094653
	7.203072513	1.052026686	7.133174478	45299.55	0.108449275	0.416430494	0.475120232
	7.180257632	1.071121339	6.984712887	43085.73	0.108477142	0.402787439	0.488735419
	7.214285545	1.042181525	7.211318521	46472.78	0.108528319	0.423544541	0.46792714
	7.290547375	0.981645024	7.733716953	54302.85	0.108539923	0.469610032	0.421850045
	7.19055837	1.06169968	7.05639825	44161.84	0.108575106	0.409434425	0.481990469
	7.319528319	0.958373569	7.951748623	57599.34	0.108815293	0.488310114	0.402874593
	7.242992698	1.016587532	7.421112157	49636.51	0.10887448	0.442391451	0.44873407
	7.222336071	1.032289742	7.288218758	47657.17	0.109025228	0.430592254	0.460382518
	7.17664531	1.070081053	6.988127374	43178.01	0.10908107	0.403269809	0.487649121
	7.318142345	0.956584701	7.965169975	57833.96	0.109285358	0.489545769	0.401168873
	7.250132614	1.005000217	7.513779481	51089.35	0.10979914	0.450775133	0.439425727
	7.205956466	1.03966053	7.220793367	46711.92	0.109944606	0.424761604	0.46529379
	7.29029499	0.972661325	7.804887667	55476.03	0.110036131	0.476052624	0.413911245
	7.2482835	1.004616917	7.514805656	51124.72	0.110088005	0.450932666	0.438979329
	7.229752375	1.019283886	7.388490947	49232.34	0.110098249	0.439796633	0.450105118
	7.260240134	0.994955178	7.59979715	52403.14	0.110138412	0.458369156	0.431492432
	7.243277389	1.007124982	7.49112068	50785.2	0.110313683	0.448906837	0.44077948
	7.263508447	0.99122778	7.631672547	52894.76	0.110329466	0.461183283	0.428487251
	7.236404034	1.011887938	7.449067373	50162.21	0.110420605	0.445230924	0.444348471
	7.198564296	1.041711553	7.199480188	46435.27	0.110555375	0.422993468	0.466451157
	7.201783061	1.038673299	7.223638519	46800.45	0.110612617	0.425187893	0.46419949
	7.272077081	0.982496592	7.708214492	54068.07	0.110676683	0.467883805	0.421439512
	7.183247155	1.053448597	7.104726866	45029.89	0.110709146	0.414429296	0.474861557
	7.209652948	1.030031984	7.291880691	47844.23	0.110944354	0.431398573	0.457657073
	7.294084555	0.963242793	7.885137581	56758.13	0.11112448	0.483136289	0.405739232
	7.2735716	0.978439293	7.741705638	54604.01	0.111150178	0.470872594	0.417977228
	7.202721306	1.033625562	7.259823063	47386.25	0.11125941	0.428604889	0.460135701
	7.168467488	1.061439381	7.037316507	44068.88	0.111371431	0.408430811	0.480197758
	7.297398441	0.959161902	7.922141	57333.64	0.111397231	0.486338011	0.402264758
	7.169282831	1.059798248	7.048983369	44252.63	0.11151146	0.409539979	0.478948561
	7.231037607	1.008771254	7.466762134	50506.93	0.111570576	0.447061721	0.441367703
	7.184250883	1.04659434	7.152215511	45800.97	0.111605187	0.418984421	0.469410392
	7.165633454	1.061053974	7.037201714	44095.33	0.11178197	0.408530376	0.479687654
	7.161787085	1.05925668	7.045510891	44270.47	0.112526782	0.409492504	0.477980714
	7.163487527	1.055466832	7.072420174	44696.08	0.11287405	0.412049169	0.475076781
	7.282164672	0.959966519	7.899631825	57115.73	0.113131523	0.484790643	0.402077835
	7.238636009	0.992826727	7.5943296	52529.25	0.113143113	0.458577705	0.428279182
	7.283142447	0.958705953	7.911038639	57293.58	0.113221569	0.485777504	0.401000927
	7.275186312	0.964526671	7.855048421	56452.19	0.113231499	0.481020755	0.405747746
	7.218984106	1.007530813	7.463991576	50581.9	0.113255399	0.447215196	0.439529405
	7.264818067	0.972071642	7.783413416	55377.58	0.113264738	0.474911342	0.41182392
	7.256489533	0.977748348	7.729705641	54577.45	0.113364534	0.470326001	0.416309465
	7.256909321	0.977155227	7.734827079	54657.49	0.11340913	0.47077586	0.415815009
	7.270684449	0.964808788	7.84808548	56382.67	0.113737554	0.480535002	0.405727444
	7.24819969	0.98089212	7.696480507	54113.84	0.113876214	0.467579478	0.418544308
	7.139018139	1.069436687	6.957153818	43044.82	0.113879101	0.401714984	0.484405914

Table 3g: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 7

SPGSAGTR 7							
	7.195888197	1.019837515	7.35127457	48958.82	0.114210998	0.43749176	0.448297242
	7.159840201	1.048562875	7.115508063	45441.29	0.114352255	0.416363991	0.469283754
	7.19116464	1.019778827	7.347065688	48936.83	0.114805585	0.437262472	0.447931942
	7.247631413	0.975468909	7.738687245	54813.76	0.114824405	0.47141596	0.413759635
	7.230168627	0.988386185	7.619881921	53034.22	0.114894874	0.461189989	0.423915137
	7.128820354	1.069923955	6.944454051	42937.9	0.11508302	0.400868455	0.484048525
	7.1401579	1.060057639	7.019783657	44063.59	0.115108418	0.407821176	0.477070406
	7.172153367	1.032840372	7.235746161	47295.9	0.115176452	0.427426256	0.457397293
	7.193501819	1.014722148	7.385981695	49553.57	0.115294006	0.440825487	0.443880507
	7.206726749	1.003626156	7.480817528	50981.23	0.115381142	0.449189128	0.435429729
	7.214165071	0.996295465	7.543326984	51935.04	0.115613968	0.454703444	0.429682588
	7.25584562	0.963800999	7.840895597	56412.8	0.115725468	0.48034383	0.403930702
	7.247952819	0.969295855	7.788303411	55626.66	0.115791622	0.475873115	0.408335262
	7.123863396	1.068869773	6.946665508	43023.85	0.115855993	0.401284614	0.482859393
	7.221152705	0.988921571	7.606639713	52906.56	0.115921131	0.460273483	0.423805386
	7.156560751	1.038480565	7.181432558	46558.45	0.116265766	0.422819486	0.460914749
	7.206095526	0.997747765	7.52425932	51702.1	0.116381477	0.453217465	0.430401057
	7.198925909	1.0030337	7.477458933	51004	0.116438098	0.44914108	0.434420822
	7.136591184	1.053821091	7.057942413	44726.91	0.116471125	0.411675554	0.471853321
	7.13848637	1.051717853	7.073858966	44969.76	0.116545432	0.413146579	0.470307989
	7.187942724	1.008921648	7.4229353	50216.99	0.116879545	0.444459896	0.43866056
	7.221084583	0.982322626	7.657669461	53746.61	0.116984919	0.464921268	0.418093813
	7.238642174	0.968386385	7.786003272	55681.94	0.117084382	0.475953452	0.406962166
	7.220411123	0.981085676	7.666637783	53900.86	0.117266584	0.46575642	0.416976996
	7.183979738	1.009488211	7.414843526	50123.53	0.117282107	0.443843118	0.438874775
	7.200556137	0.995828131	7.533201053	51904.57	0.117367824	0.45422269	0.428409486
	7.121423101	1.060197092	7.00118926	43945.08	0.117426363	0.406733964	0.475839673
	7.206160441	0.989350851	7.588185549	52752.94	0.117701482	0.459074852	0.423223666
	7.180851706	1.008706719	7.417487123	50198.29	0.117790275	0.444195616	0.438014109
	7.116346414	1.05984668	6.99871401	43955.14	0.118111293	0.40668981	0.475198897
	7.21328529	0.978954714	7.676047294	54126.89	0.11848669	0.466834774	0.414678536
	7.231872821	0.963554879	7.818018852	56276.24	0.118708478	0.479027576	0.402263946
	7.176559001	1.00557089	7.436349308	50551.47	0.118807987	0.446091306	0.435100707
	7.157683223	1.020254108	7.310826347	48675.56	0.118883687	0.435035833	0.446080479
	7.182059659	0.999215104	7.489155258	51365.05	0.119119781	0.450784557	0.430095662
	7.114846318	1.053794215	7.03748759	44607.91	0.11918633	0.41052316	0.47029051
	7.137894713	1.032613669	7.20415808	47118.91	0.119467047	0.425667267	0.454865686
	7.12025575	1.046857333	7.089288014	45405.85	0.119535844	0.415327628	0.465136528
	7.170039431	1.005721594	7.428752514	50491.71	0.119590828	0.44560812	0.434801052
	7.184575742	0.994096295	7.530249506	52015.82	0.119613305	0.454478011	0.425908684
	7.143787407	1.026247767	7.254588062	47889.48	0.119696046	0.430232126	0.450071828
	7.173084534	1.002245412	7.457556638	50935.05	0.119755202	0.448169968	0.432074831
	7.168175531	1.006056843	7.42442435	50439.16	0.119769305	0.445270172	0.434960522
	7.206538468	0.975729925	7.694501998	54497.91	0.119836904	0.468715294	0.411447802
	7.133802258	1.030576871	7.214425104	47328.71	0.120281938	0.426789806	0.452928256
	7.162337606	1.006025812	7.418850399	50405.85	0.120496123	0.444951337	0.43455254
	7.146929628	1.016576341	7.326697191	49044.15	0.120778545	0.436899413	0.442322042
	7.195619041	0.977777137	7.667224106	54158.42	0.120850394	0.466593991	0.412555615
	7.186815514	0.984300788	7.607464096	53263.49	0.120889675	0.461455321	0.417655004
	7.104325617	1.050384935	7.050313425	44924.08	0.120999452	0.412166995	0.466833553
	7.084534732	1.067035583	6.921748667	43007.29	0.121037385	0.400392904	0.47856971
	7.138161746	1.02113892	7.285374198	48452.12	0.121169308	0.433331484	0.445499208
	7.087646422	1.0634007	6.948334541	43413.47	0.121176059	0.40288165	0.475942292
	7.144668037	1.01564026	7.331223194	49141.21	0.121202	0.437401307	0.441396693
	7.100515973	1.048518541	7.05922983	45108.84	0.121749131	0.413172736	0.465078133
	7.183482131	0.981172701	7.628320187	53639.88	0.121799733	0.46345533	0.414744937
	7.121072245	1.030558832	7.202198848	47254.91	0.121865695	0.426089622	0.452044683
	7.089897494	1.056049337	6.998834835	44221.61	0.121966895	0.407725674	0.470307431
	7.203053608	0.964733019	7.778598687	55916.03	0.122052783	0.476379611	0.401567605
	7.166930549	0.99216466	7.527125529	52140.89	0.122094984	0.454769935	0.423135081
	7.079258195	1.06391491	6.937091975	43312.43	0.122148975	0.402108767	0.475742257
	7.115109903	1.033512591	7.175846098	46881.07	0.122163159	0.423803243	0.454033598
	7.138370857	1.012123769	7.350472815	49520.81	0.122520979	0.43941545	0.438063572
	7.092114832	1.049821032	7.042469145	44917.16	0.122604002	0.411871749	0.465524249
	7.189061885	0.971784991	7.707753611	54890.65	0.122623828	0.470454387	0.406921785
	7.147480609	1.003916488	7.419639069	50567.4	0.122660285	0.445526052	0.431813663
	7.105959253	1.036766775	7.144496549	46456.92	0.122814176	0.421151492	0.456034331
	7.157907479	0.994428352	7.500917339	51800.04	0.122852464	0.452664421	0.424483115
	7.142399303	1.005565712	7.402416974	50334.93	0.123033137	0.44410356	0.432863303
	7.193163504	0.965683327	7.760702381	55720.56	0.123111746	0.475079804	0.40180845
	7.186327497	0.97072853	7.71332526	55009.64	0.123131025	0.471040117	0.405828857
	7.096111952	1.042454184	7.096071423	45758.87	0.123193715	0.416882796	0.459923489
	7.110545957	1.029937382	7.196324241	47263.54	0.123266351	0.425912049	0.4508216
	7.178088898	0.974928048	7.671649517	54406.52	0.123465579	0.46754379	0.408990631
	7.066179158	1.065863182	6.912140949	43032.81	0.123500509	0.400174414	0.476325078
	7.06521735	1.06522963	6.91534908	43095.2	0.123712296	0.400527586	0.475760118
	7.146332747	0.997860106	7.463521286	51300.67	0.123744364	0.449611788	0.426643848
	7.16136431	0.984243812	7.582045844	53099.91	0.124034339	0.459959559	0.416006102
	7.118382143	1.018243749	7.286663473	48671.13	0.124061728	0.434145997	0.441792275
	7.064358549	1.062666862	6.93121824	43364.81	0.124190639	0.402117812	0.473691549
	7.112791521	1.021215349	7.25998578	48288.22	0.124303586	0.431838806	0.443857609
	7.14391787	0.994702568	7.484785401	51674.59	0.124536156	0.451644718	0.423819125
	7.09227503	1.034779162	7.144995466	46601.97	0.124811634	0.421699043	0.453489323
	7.084462858	1.041130541	7.093904132	45839.71	0.124839303	0.417107345	0.458053351
	7.065407344	1.056054877	6.975607893	44084.47	0.12502076	0.406409569	0.468569671
	7.064389248	1.056601783	6.971033702	44019.41	0.125068063	0.40600378	0.468928157
	7.121807403	1.008683392	7.359122649	49828.72	0.125099546	0.440787121	0.434113333
	7.073577247	1.04625731	7.048738939	45205.67	0.12543745	0.413175728	0.461386822
	7.15326012	0.981696349	7.593465655	53368.79	0.125437648	0.461255108	0.413307243
	7.139044827	0.990167096	7.514148117	52206.29	0.125849188	0.454491937	0.419658875
	7.064180484	1.051005093	7.007956406	44628.82	0.12591127	0.40959444	0.464494289
	7.129085586	0.995302815	7.465369201	51503.54	0.126273122	0.45035138	0.423375499
	7.073270382	1.039520683	7.09412318	45955.24	0.126470056	0.417542013	0.455987931
	7.085477978	1.028874576	7.179393429	47235.73	0.126538561	0.425209704	0.448251735
	7.124070495	0.996950935	7.447997315	51267.95	0.126635241	0.448921532	0.424443227
	7.138251587	0.984883999	7.553649955	52863.97	0.126780472	0.458118161	0.415101367
	7.05540697	1.051870988	6.993846627	44484.47	0.12687815	0.408562478	0.464559372
	7.088799062	1.023843321	7.217917336	47836.18	0.12688224	0.428728398	0.444389362
	7.0827186	1.028441131	7.179736175	47268.96	0.126946101	0.425341092	0.447712807
	7.111176109	1.004505887	7.379143911	50264.36	0.127057659	0.443003305	0.429939036

Table 3h: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 8

SPGSAGTR 8							
	7.064290373	1.042973938	7.062024752	45517.07	0.1270772	0.414799842	0.458122958
	7.101150292	1.012296396	7.312450889	49267.61	0.127102728	0.437152648	0.435744624
	7.115433231	1.000764295	7.41098644	50745.55	0.127109748	0.445801534	0.427088718
	7.092465773	1.018897496	7.25655249	48435.01	0.127174651	0.432229661	0.440595688
	7.148277998	0.97462285	7.643464745	54241.03	0.12718107	0.465933552	0.406885378
	7.081725807	1.026919387	7.18940872	47437.99	0.127297501	0.426290942	0.446411557
	7.037838016	1.063551818	6.900515128	43124.99	0.127374453	0.400149409	0.472476138
	7.140722272	0.979177345	7.600195924	53604.88	0.12738246	0.462262303	0.410355237
	7.118951981	0.995467567	7.453953917	51417.11	0.127498343	0.449637475	0.422864181
	7.126754527	0.989236615	7.508791938	52241.09	0.127511134	0.454401698	0.418087168
	7.149635116	0.970827217	7.674746212	54741.99	0.127624593	0.468707328	0.403668079
	7.078764794	1.026817846	7.187236	47431.86	0.127680253	0.426191412	0.446128335
	7.14260743	0.971771829	7.660054138	54570.6	0.128336273	0.467603901	0.404059826
	7.029745048	1.059903657	6.916630953	43471	0.128911705	0.402042112	0.469046183
	7.143107288	0.967199056	7.696786542	55169.8	0.129012518	0.470886204	0.400101278
	7.116495113	0.986529668	7.518995878	52511.53	0.129201786	0.455663372	0.415134843
	7.13097623	0.975250229	7.620806843	54041.36	0.129208586	0.464430864	0.40636055
	7.084812388	1.01109429	7.304986142	49308.21	0.129308764	0.437018394	0.433672842
	7.026214718	1.059732002	6.914419964	43469.94	0.129377128	0.401963462	0.46865941
	7.112369267	0.988134541	7.502608555	52283.24	0.12945797	0.454303137	0.416238893
	7.05035644	1.038235205	7.080836592	45965.83	0.129510059	0.417115856	0.453374085
	7.0826649	1.010423315	7.307711707	49374.51	0.129676944	0.437345493	0.432977563
	7.114590399	0.984422052	7.533158946	52763.53	0.129768731	0.457013059	0.41321821
	7.13045199	0.970989662	7.653705981	54587.74	0.129956117	0.46740946	0.402634423
	7.050759608	1.034712446	7.105333491	46364.74	0.129981333	0.419436359	0.450582308
	7.072241594	1.016710646	7.252268889	48566.79	0.130012119	0.432533711	0.43745417
	7.114113479	0.981716273	7.553435827	53101.83	0.130255139	0.458869251	0.41087561
	7.068060487	1.017888462	7.239769533	48403.01	0.130352086	0.431509426	0.438138487
	7.098461811	0.992623343	7.454669746	51633.79	0.130470647	0.450375351	0.419154002
	7.086878989	1.001464347	7.37729346	50476.89	0.130529949	0.443647976	0.425822075
	7.024536158	1.050847034	6.971284415	44422.06	0.130874979	0.40755278	0.461572241
	7.020098277	1.054274941	6.944408316	44024.37	0.130930142	0.405118223	0.463951635
	7.101237677	0.986155442	7.506377547	52456.55	0.131141074	0.455005293	0.413853633
	7.048011944	1.028510435	7.145507797	47053.02	0.131244696	0.423347052	0.445408251
	7.026926291	1.045388433	7.009972033	45034.52	0.131373824	0.411193694	0.457432482
	7.074958151	1.002705182	7.356275479	50250.38	0.131812214	0.442107132	0.426080654
	7.110396572	0.973803803	7.610993036	54085.73	0.131970733	0.464188434	0.403840833
	7.105696953	0.977417133	7.578048403	53590.83	0.131973098	0.461363234	0.406663667
	7.05306683	1.019173775	7.215927645	48160.78	0.132016546	0.429799134	0.438184321
	7.013698192	1.051270546	6.958166584	44314.67	0.132164094	0.406695505	0.461140401
	7.043406374	1.026086312	7.157900538	47302.92	0.132178095	0.424682339	0.443139566
	7.026226197	1.039257095	7.050655341	45710.7	0.132360467	0.415120125	0.452519408
	7.033857875	1.032762014	7.102386769	46485.29	0.132370704	0.41977	0.447859296
	7.037372498	1.028877761	7.132615913	46947.37	0.132510957	0.422508823	0.44498022
	7.049542643	1.017514037	7.224234524	48332.66	0.132703418	0.430700279	0.436596302
	7.051653634	1.0144208	7.248344105	48708.11	0.132909081	0.432880498	0.434210422
	7.08153624	0.989783504	7.458958049	51873.58	0.133001564	0.451318503	0.415679933
	7.008936727	1.04913295	6.967805288	44520.83	0.133068141	0.407807354	0.459124505
	7.05518012	1.010158245	7.282420898	49233.36	0.133119001	0.435933557	0.430947442
	7.093891175	0.979177205	7.552370017	53286.52	0.133146802	0.459413309	0.407439889
	7.048708219	1.014967075	7.241540924	48625.67	0.13319129	0.432347213	0.434461497
	6.996826698	1.058712044	6.893323007	43416.81	0.133191767	0.401045401	0.465762831
	7.00504349	1.051087167	6.951146503	44285.75	0.133269348	0.406345148	0.460385504
	7.095219461	0.976444184	7.574869072	53643.31	0.133416835	0.461404989	0.405178176
	7.04184799	1.018716033	7.208157271	48145.16	0.133476026	0.429462973	0.437061001
	7.073807117	0.992295544	7.43228623	51512.16	0.13356358	0.44913217	0.41730425
	7.023272909	1.033378049	7.087909704	46353.01	0.133594703	0.418778365	0.447626932
	7.093665569	0.97618716	7.575271692	53665.48	0.13364884	0.461490029	0.404861131
	7.013186868	1.04140983	7.023559837	45395.41	0.133666508	0.413009215	0.453324276
	7.021483977	1.033029082	7.088572335	46381.8	0.133868586	0.418906173	0.447225241
	7.02211949	1.032277751	7.094347304	46470.43	0.13390078	0.419431524	0.446667697
	6.996410132	1.052819682	6.9315075	44049.05	0.134094377	0.404772509	0.461133114
	7.089111233	0.976869629	7.565317219	53547.28	0.134100787	0.460734122	0.405165091
	7.093869342	0.972001269	7.608103989	54203.48	0.134290637	0.464441845	0.401267518
	7.050593997	1.004477765	7.319038457	49881.53	0.134552413	0.439484497	0.425963091
	7.025298926	1.024935426	7.148271131	47325.61	0.134596814	0.424417839	0.440985347
	7.040305762	1.012430156	7.251387282	48871.65	0.134615579	0.433555271	0.43182915
	7.043396835	1.008985836	7.279204489	49298.29	0.134755421	0.436036729	0.42920785
	7.075093673	0.98285825	7.504959196	52694.66	0.134880504	0.455713081	0.409406416
	7.019060694	1.028219981	7.119369608	46912.6	0.134882244	0.421911951	0.443205805
	7.076475983	0.981486474	7.516856899	52876.53	0.134926146	0.456748307	0.408325547
	7.041555572	1.008968515	7.277504557	49288.74	0.134985887	0.43594159	0.429072523
	7.045816726	1.004759342	7.312232703	49817.36	0.135100063	0.439015913	0.425884024
	7.074704637	0.9807519	7.520680847	52957.15	0.135259995	0.457151038	0.407588967
	7.043631543	1.005207394	7.306799549	49749.84	0.135301857	0.438586884	0.426111259
	7.073160135	0.980626023	7.520071212	52962.56	0.135469994	0.457144747	0.407385259
	6.978036607	1.057804131	6.881476242	43409.85	0.135666941	0.400617847	0.463715213
	6.997049235	1.040854734	7.011801348	45363.38	0.135755621	0.412480435	0.451763945
	6.97844178	1.056117277	6.892851134	43592.89	0.13585903	0.401708995	0.462431975
	7.020634417	1.018932956	7.185803314	47989.6	0.136072837	0.428109301	0.435817862
	6.994561283	1.039719957	7.017061298	45474.77	0.136231186	0.413075429	0.450693385
	7.012708255	1.023445172	7.146377596	47420.37	0.136381053	0.424685398	0.438933549
	6.985045574	1.045129458	6.971636777	44822.76	0.136625998	0.409074132	0.454299869
	7.07200715	0.973320634	7.575329529	53883.01	0.136768189	0.462171151	0.40106066
	7.066316825	0.97711199	7.540112388	53360.64	0.136866994	0.459173269	0.403959737
	7.052172748	0.984890469	7.46620093	52286.35	0.137385531	0.452924677	0.409689792
	7.027405893	1.00404939	7.299066519	49784.9	0.137484696	0.438418117	0.424097187
	6.982662626	1.041014832	6.996903206	45262.19	0.137522141	0.411586275	0.450891584
	6.993831146	1.031401637	7.07294644	46401.3	0.137544335	0.418422885	0.44403278
	7.024776514	1.003994321	7.296847949	49774.7	0.137818162	0.438301447	0.423880391
	7.063664193	0.972760082	7.57111822	53897.17	0.137883054	0.462051254	0.400065692
	6.973710076	1.045825845	6.956155755	44681.48	0.137936196	0.408009587	0.454054217
	7.028708555	0.998221569	7.34298494	50494.27	0.138215157	0.442423779	0.419361064
	6.958640366	1.056771918	6.869843564	43412.47	0.138234951	0.400233758	0.461531291
	6.967736889	1.048284487	6.934142756	44379.13	0.13832381	0.40611402	0.45556217
	7.004198396	1.016798094	7.184726085	48136.24	0.138429787	0.428581034	0.43298918
	6.994492904	1.024694693	7.119886875	47166.79	0.138454919	0.422835776	0.438709305
	6.994889521	1.024212371	7.12362701	47224.34	0.138477362	0.423174006	0.438348633
	7.012660453	1.008718313	7.250664286	49136.21	0.13859916	0.434433364	0.426967476
	7.026243146	0.995520486	7.360431693	50805.9	0.138934662	0.444107598	0.41695774

Table 3i: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 9

SPGSAGTR 9							
	7.039752739	0.98460489	7.455752257	52238.68	0.138960421	0.452372459	0.40866712
	7.021542196	0.998801688	7.331545069	50377.76	0.139011327	0.441609086	0.419379587
	7.028870796	0.992897302	7.382524026	51143.01	0.139014698	0.446045824	0.414939478
	6.987756352	1.025697722	7.106356568	47011.6	0.139141998	0.421799577	0.439058425
	6.957020764	1.0513452	6.903763059	43986.59	0.139217097	0.403585564	0.457197339
	6.98333523	1.028575133	7.082178429	46658.12	0.139265012	0.419674202	0.441060786
	6.969290175	1.040399839	6.988185977	45252.53	0.13927552	0.411246107	0.449478373
	7.008400104	1.007528169	7.255000627	49250.14	0.139306464	0.434980383	0.425713153
	6.96070111	1.046789708	6.937323172	44501.8	0.139416465	0.406684943	0.453898592
	7.014926528	0.999140617	7.322436695	50294.1	0.139776607	0.440990515	0.419232877
	6.979795977	1.026499004	7.093054487	46872.4	0.140011249	0.420827921	0.439160829
	7.008676518	1.002113622	7.294476143	49896.69	0.140094882	0.438622295	0.421282823
	7.013020338	0.996145815	7.342537228	50643.79	0.140470955	0.442900864	0.416628181
	6.971767419	1.029813392	7.06242982	46448.96	0.140518726	0.418220521	0.441260753
	7.023606727	0.987211975	7.419707527	51807.26	0.140544236	0.449611412	0.409844352
	6.952549349	1.045890084	6.935496235	44553.27	0.14056178	0.406814622	0.452623598
	7.019376092	0.990293413	7.39234795	51399.54	0.140588329	0.447253108	0.412158563
	6.977368681	1.023774308	7.109561176	47168.19	0.14071599	0.422469659	0.436814351
	6.94572327	1.049254247	6.906753707	44148.76	0.140926197	0.404302199	0.454771604
	7.003153126	1.000486794	7.300816522	50056.21	0.14102543	0.439391228	0.419583342
	7.010439518	0.993404628	7.360200165	50960.12	0.14121081	0.444604744	0.414184446
	6.984009968	1.014779698	7.1791221	48245.95	0.141233265	0.428756836	0.430009899
	6.988260758	1.010988694	7.21024695	48715.4	0.141276107	0.431510486	0.427213407
	7.018877664	0.986095045	7.423315929	51913.9	0.141300612	0.450091919	0.408607468
	6.981622247	1.015856749	7.169160069	48105.97	0.141367819	0.427909229	0.430722952
	7.010663446	0.991410424	7.375230943	51205.12	0.141490454	0.445972453	0.412537093
	6.958165203	1.034266281	7.018871954	45868.52	0.141554699	0.414579592	0.44386571
	6.956995463	1.034506581	7.016110854	45834.8	0.141664905	0.414359562	0.443975533
	6.962664645	1.027908185	7.066664262	46609.64	0.141929626	0.418947012	0.439123361
	6.94453501	1.041585217	6.956466245	44978.34	0.142183081	0.409125234	0.448691686
	6.989718035	1.003696283	7.264085315	49586.39	0.142197646	0.436451661	0.421350693
	6.998175953	0.994308075	7.341178782	50769.89	0.142585401	0.443264056	0.414150543
	7.010279207	0.983687805	7.43274092	52154.92	0.142734428	0.451223707	0.406041865
	6.93036841	1.048877352	6.894596198	44102.33	0.142893445	0.403708577	0.453397978
	6.960639958	1.021069716	7.112009331	47375.74	0.143191881	0.423289043	0.433519076
	7.003624257	0.98514865	7.414963873	51929.06	0.143327266	0.449821356	0.406851378
	6.927982236	1.046146262	6.910314449	44384.74	0.143583912	0.405312211	0.451103877
	6.93684785	1.03813226	6.972199519	45314	0.143640811	0.410912282	0.445446907
	6.935208105	1.037739056	6.9732612	45347.86	0.143901889	0.411073664	0.445024447
	7.003042159	0.981265444	7.443714229	52407.78	0.144003118	0.452449102	0.40354778
	6.998870447	0.982404899	7.430834117	52237.64	0.144339342	0.451413984	0.404246675
	6.962148933	1.011291998	7.182264209	48516.24	0.144462775	0.429801269	0.425735956
	6.934744998	1.032195047	7.010266529	45961.17	0.144767693	0.414610464	0.440621842
	6.928109053	1.037427781	6.968510559	45340.71	0.144829865	0.410880548	0.444289587
	6.988133851	0.987632081	7.380634331	51519.29	0.144851877	0.447194925	0.407953199
	6.977822657	0.995862898	7.309279285	50448.72	0.144859661	0.441007738	0.414132601
	6.928168805	1.03713815	6.970514197	45373.07	0.144864526	0.411069377	0.444066097
	6.910142587	1.052257693	6.853226191	43624.11	0.144929087	0.40047741	0.454593503
	6.912933828	1.04876787	6.87869206	44015.08	0.145081168	0.4028319	0.452086932
	6.925974307	1.03638892	6.973435898	45443.07	0.14524628	0.411427943	0.443325778
	6.907761978	1.051854691	6.853588649	43653.88	0.145283453	0.400602959	0.454113589
	6.944305299	1.019869823	7.104360307	47413.28	0.145394987	0.423143832	0.431461181
	6.991233811	0.979611577	7.444227258	52534.3	0.145714831	0.452869023	0.401416145
	6.966408225	0.998794061	7.27640051	50022.06	0.14582249	0.438364462	0.415813047
	6.911936868	1.041127747	6.92821249	44839.59	0.146305297	0.407625984	0.446068719
	6.970217329	0.991824603	7.331371597	50888.16	0.146416226	0.443279796	0.410303978
	6.947386196	1.010362611	7.174259529	48532.21	0.146429276	0.429561621	0.424009103
	6.985894079	0.979209418	7.441831478	52548.29	0.14643483	0.452820727	0.400744443
	6.952227046	1.004743068	7.219203263	49223.06	0.146674547	0.433563549	0.419761904
	6.932089751	1.01919784	7.097058938	47415.33	0.147008776	0.422886435	0.430104789
	6.89703004	1.047368427	6.872698515	44075.53	0.147262912	0.402852509	0.449884579
	6.900388814	1.043042676	6.90442143	44563.74	0.147466154	0.405774936	0.44675891
	6.916121946	1.029297048	7.011911042	46174.45	0.147504308	0.415436058	0.437059635
	6.891102559	1.048523892	6.859471687	43917.24	0.147835775	0.401801047	0.450363178
	6.904032539	1.035974259	6.95504726	45360.02	0.148034183	0.410477178	0.441488639
	6.92267385	1.020093735	7.081595536	47255.14	0.148043572	0.42176623	0.430190198
	6.889154927	1.04870146	6.856453043	43887.07	0.148053002	0.401583374	0.450363624
	6.923883218	1.015379058	7.115668331	47803.5	0.148591678	0.424911829	0.426496493
	6.922003911	1.015117144	7.115652952	47822.04	0.148863343	0.42497533	0.426161327
	6.924398116	1.011312455	7.144790384	48277.36	0.149132779	0.427607531	0.42325969
	6.93506594	1.002203676	7.220371969	49413.89	0.14917877	0.434246924	0.416574307
	6.959915163	0.981390393	7.398821721	52100.64	0.149294115	0.449748689	0.400957196
	6.948327296	0.989594965	7.325769577	51014.91	0.149457874	0.443478684	0.407063443
	6.885430538	1.041354566	6.901249741	44661.15	0.149570545	0.406025091	0.444404364
	6.888495825	1.034403638	6.95058771	45442.04	0.150192954	0.410618009	0.439189037
	6.870250546	1.046701527	6.851492765	43994.52	0.150693526	0.401815683	0.447490791
	6.878659521	1.038560068	6.913299608	44927.06	0.15081522	0.407425824	0.441758956
	6.876028566	1.037519979	6.917694218	45025.66	0.151292324	0.407941321	0.440766355
	6.895217692	1.020072021	7.054830381	47089.46	0.151450638	0.42021733	0.428332032
	6.9125208	1.004139432	7.18400051	49041.08	0.151674548	0.431644494	0.416680958
	6.884328973	1.025566269	7.006418385	46402.04	0.151995915	0.416050799	0.431953287
	6.887006807	1.020610941	7.0430601	46977.96	0.152389422	0.419401004	0.428209574
	6.877487542	1.028309547	6.981073897	46053.57	0.152445162	0.413903021	0.433651816
	6.853608246	1.046886298	6.834386553	43879.57	0.152739744	0.400793332	0.446466923
	6.910772236	0.998255297	7.224594399	49726.28	0.152775754	0.435443271	0.411780975
	6.894704063	1.010862405	7.118596379	48143.45	0.152875334	0.426187089	0.420937577
	6.8624195	1.036802436	6.909355765	45024.59	0.153087814	0.407644003	0.439268182
	6.922682821	0.985734666	7.328442896	51315.33	0.153210871	0.444547676	0.402241453
	6.880005841	1.020881821	7.034333538	46904.43	0.153217713	0.418827686	0.427954601
	6.920290372	0.987507098	7.312866688	51083.05	0.153234281	0.443207321	0.403558398
	6.86293404	1.032720873	6.937161454	45476.81	0.153612809	0.410268495	0.436118696
	6.862469229	1.03109498	6.947649593	45653.97	0.153905799	0.411279458	0.434814743
	6.903543511	0.990517566	7.273733603	50606.84	0.154840062	0.440180554	0.404979384
	6.84999317	1.035023066	6.909228206	45146.76	0.15488875	0.408084319	0.43702693
	6.886819223	1.003638539	7.161977479	48935.85	0.154926956	0.430472573	0.414600471
	6.899672167	0.992965693	7.25190166	50286.45	0.154945975	0.438311522	0.406742503
	6.851791924	1.031948243	6.931558208	45496.07	0.155108695	0.410139095	0.434752209
	6.876152146	1.010239912	7.104618863	48099.06	0.155263861	0.425521328	0.419214811
	6.869710785	1.013968393	7.072141724	47629.27	0.155510127	0.422720255	0.421769618
	6.867200329	1.011416806	7.087501095	47907.02	0.156197697	0.424236131	0.419566172

Table 3j: Sorted MC Simulations results for SPGSAGTR for the 1977-2017 period – Part 10

SPGSAGTR 10							
	6.878445585	0.999058341	7.186430141	49421.8	0.156647697	0.433004697	0.410347606
	6.880737736	0.996649823	7.206096827	49722.37	0.156726603	0.434735512	0.408537885
	6.849868012	1.022077874	6.996615021	46585.4	0.156780019	0.416344996	0.426874985
	6.843801366	1.027232193	6.95560245	45971.47	0.156783344	0.412699199	0.430517457
	6.886702525	0.991168905	7.25196269	50417.15	0.156818392	0.43873909	0.404442518
	6.892260566	0.986056498	7.295198575	51072.73	0.15691072	0.44249962	0.40058966
	6.85929949	1.009238188	7.094972196	48108.91	0.157497778	0.425199381	0.417302841
	6.847478203	1.019127518	7.014525137	46903.89	0.157507135	0.418107976	0.424384889
	6.818871147	1.043396079	6.823955621	44055.37	0.157561465	0.401086715	0.44135182
	6.836170762	1.028302793	6.940940161	45806.6	0.157575571	0.411587016	0.430837412
	6.84343442	1.021177471	6.996483974	46647.58	0.157709133	0.416558415	0.425732452
	6.821927623	1.038804057	6.857063143	44569.38	0.1578358	0.404140106	0.438024094
	6.825588657	1.033215907	6.897692919	45201.07	0.158181506	0.407872852	0.433945642
	6.867184918	0.99769268	7.184980356	49510.56	0.158243399	0.433243728	0.408512872
	6.812869664	1.043266554	6.819050252	44034.7	0.158326851	0.40083919	0.440833959
	6.845644729	1.013321058	7.052909899	47553.6	0.158585722	0.421755822	0.419658456
	6.848051475	1.009501867	7.081976862	48007.64	0.15885068	0.424375847	0.416773473
	6.864965473	0.99171512	7.226049817	50208.29	0.159417152	0.437078151	0.403504697
	6.826490409	1.021299492	6.979057425	46530.38	0.159792399	0.415517318	0.424690282
	6.799745418	1.04263757	6.810576384	44026.56	0.160049574	0.400513666	0.43943676
	6.813460646	1.028225178	6.919377379	45679.02	0.160406189	0.410360924	0.429232887
	6.839695301	1.003069313	7.119062065	48701.2	0.160837027	0.428089229	0.411073744
	6.815316157	1.022105918	6.962618473	46371.72	0.161060955	0.414366518	0.424572527
	6.848539558	0.990774516	7.2163311	50212.69	0.161585279	0.436723705	0.401691016
	6.846147528	0.991276734	7.210261954	50136.78	0.161804618	0.436247202	0.401948181
	6.832430398	0.999906063	7.134317965	49024.78	0.162205293	0.429736722	0.408057985
	6.794961741	1.030833923	6.88392085	45280.8	0.162328173	0.40767076	0.430001067
	6.822340019	1.002146364	7.108300409	48697.74	0.163119135	0.427676419	0.409204446
	6.819282698	1.002274851	7.104338777	48663.15	0.163477937	0.427413215	0.409108849
	6.774443623	1.038405068	6.813970033	44335.4	0.163797989	0.401769223	0.434432788
	6.784549315	1.028701641	6.888067855	45453.14	0.163927055	0.40843561	0.427637336
	6.798867577	1.014887789	6.995931024	47084.15	0.164149477	0.418055242	0.417795281
	6.823410377	0.992356188	7.179506565	49858.27	0.164447284	0.434176362	0.401376353
	6.80399401	1.007759717	7.050501506	47930.49	0.164558612	0.422951749	0.412489639
	6.798295837	1.012111015	7.014559792	47396.28	0.164625756	0.419809577	0.415564667
	6.788880998	1.018640628	6.960353038	46598.81	0.164841079	0.415077999	0.420080923
	6.810971727	0.998467915	7.123102318	49054.89	0.165069985	0.429415906	0.40551411
	6.810960112	0.996434318	7.137628014	49293.93	0.165374152	0.430749586	0.403876262
	6.790732676	1.011984092	7.007965958	47363.46	0.165580644	0.41945505	0.414964307
	6.777886434	1.020115364	6.939512995	46365.97	0.165990392	0.413510032	0.420499576
	6.761900686	1.032745596	6.839165524	44875.26	0.166161849	0.404620394	0.429217757
	6.770136472	1.023146214	6.911381546	45980.75	0.166514146	0.411142474	0.42234338
	6.767127587	1.025322086	6.893780088	45721.32	0.166574569	0.409593324	0.423832107
	6.756933307	1.031856503	6.84024443	44942.68	0.166905617	0.404901534	0.428192849
	6.758828577	1.027643522	6.870131338	45415.32	0.167271788	0.407659069	0.425069143
	6.77783003	1.004953926	7.044151216	48087.68	0.168206958	0.42324601	0.408547032
	6.758188566	1.016196527	6.946890455	46684.29	0.168998532	0.414883916	0.416117552
	6.750148455	1.020284997	6.911172725	46177.19	0.16940477	0.411823316	0.418771914
	6.771984884	0.999816364	7.074501406	48645.34	0.169685999	0.426238412	0.404075589
	6.761908772	1.006658186	7.016409605	47790.58	0.169926042	0.421216799	0.408857159
	6.730759242	1.033196049	6.806042898	44641.85	0.169967064	0.402602824	0.427430112
	6.726793132	1.035927096	6.784271354	44323.4	0.17007352	0.400679006	0.429247474
	6.752329605	1.01376485	6.95777428	46921.91	0.170076532	0.416100307	0.413823161
	6.74977309	1.010521446	6.977576289	47273.19	0.17086403	0.418028846	0.411107124
	6.750630396	1.007736728	6.997708421	47595.76	0.17116358	0.419866456	0.408969965
	6.723143077	1.030781388	6.814597694	44858.73	0.171255625	0.403687056	0.425057319
	6.756000172	0.998625958	7.066927819	48680.62	0.171836163	0.426070995	0.402092842
	6.725941775	1.02364624	6.86483171	45657.02	0.1719245	0.408323932	0.419751568
	6.733370238	1.01616231	6.922700794	46534.59	0.172078229	0.413483662	0.414438109
	6.71590117	1.03119452	6.804844698	44770.72	0.172096523	0.403023931	0.424879546
	6.744698115	1.003535573	7.021091923	48039.7	0.172511231	0.422227152	0.405261617
	6.708048721	1.034081271	6.778254582	44411.88	0.172663888	0.400786762	0.42654935
	6.713671988	1.0244455	6.847498849	45494.61	0.173332545	0.407126946	0.419540508
	6.706330256	1.030075969	6.802942556	44835.14	0.173443666	0.403186933	0.4233694
	6.735773295	1.001213732	7.028460022	48250.15	0.173954483	0.423203611	0.402841906
	6.738217017	0.997726512	7.055474949	48670.07	0.174164968	0.42560585	0.400229182
	6.731814265	1.002779602	7.013536814	48044.27	0.174214449	0.421960698	0.403824853
	6.714541976	1.017101914	6.89779389	46313.19	0.174275791	0.41180944	0.413914769
	6.725931761	1.00174753	7.014890419	48125.36	0.17509246	0.422281385	0.402626155
	6.724365029	1.002918033	7.005141188	47980.67	0.175114966	0.421435262	0.403449772
	6.693295516	1.028909322	6.797987695	44883.99	0.175227411	0.403184378	0.421588211
	6.720282404	1.002944506	7.000885646	47951.5	0.175615735	0.421179167	0.403205098
	6.685440679	1.031417889	6.77383837	44565.32	0.175848486	0.401182505	0.42296901
	6.704788741	1.011420791	6.926895507	46889.4	0.176301836	0.414854852	0.408843312
	6.698434834	1.013980646	6.90314184	46562.23	0.176719753	0.412863135	0.410417112
	6.682147041	1.017669735	6.862112719	46050.24	0.178208673	0.40959827	0.412193056
	6.676724004	1.012778112	6.889901464	46561.55	0.179580972	0.41237487	0.408044157
	6.683013711	1.007349296	6.9332764	47212.11	0.179584356	0.416184827	0.404230817
	6.683047509	1.003155677	6.962294151	47689.07	0.180187524	0.418863816	0.400948661
	6.668956843	1.013741683	6.875690674	46405.48	0.180404616	0.411318767	0.408276617
	6.655185123	1.025393696	6.784128423	45037.13	0.180454815	0.403230548	0.416314637
	6.663220352	1.018050173	6.840957284	45891.53	0.180499901	0.408277513	0.411222586
	6.67887735	1.002533616	6.962454554	47733.41	0.18079327	0.419017619	0.400189111
	6.66601082	1.004065471	6.939017835	47476.58	0.182161767	0.417286255	0.400551978
	6.640454593	1.025505513	6.769024544	44936	0.182266912	0.402329766	0.415403321
	6.647641994	1.01893786	6.819708694	45697.81	0.182304429	0.406831812	0.410863759
	6.628052121	1.018390223	6.80413986	45637.62	0.184810117	0.406056193	0.409133691
	6.627333497	1.017812952	6.807292908	45696.67	0.184980965	0.406375647	0.408643387
	6.628736046	1.008249481	6.873252668	46767.59	0.186169574	0.412460967	0.401369459
	6.607787479	1.022811812	6.754913066	45030.56	0.186698674	0.402153292	0.411148034
	6.599385944	1.020878676	6.75947446	45189.6	0.188012401	0.402874579	0.40911302
	6.593445669	1.02223523	6.744693254	45005.87	0.188558404	0.401697005	0.409744591
	6.605540852	1.011179637	6.830396885	46294.62	0.188621835	0.409274502	0.402103663
	6.599116754	1.016753305	6.786635566	45639.05	0.188627326	0.405422577	0.405950097
	6.593824143	1.017875444	6.773954098	45483.39	0.189124785	0.40442182	0.406453395
	6.57640984	1.022445016	6.726647521	44879.41	0.190641797	0.400601067	0.408757136
	6.578371735	1.014223028	6.783112721	45788.56	0.191554474	0.405807653	0.402637873
	6.577799321	1.014540752	6.780424244	45750.06	0.191580515	0.405577054	0.402842431
	6.57742376	1.012991009	6.790426657	45918.34	0.191845929	0.406520322	0.401633748
	6.57651514	1.012434441	6.793262113	45974.07	0.192037127	0.406814832	0.401148041
	6.561954958	1.013401443	6.77241225	45776.72	0.193703423	0.405374183	0.400922394

Table 4a: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 1

SPGSINTR 1	Mean Return	Sharpe Ratio	Standard Deviation	VaR	Commodity Weight	Stock Weight	Bond Weight
	8.13566008	1.009145899	8.36041397	56159.97	0.002744441	0.498599257	0.498656302
	8.134627693	1.014353927	8.316471069	55447.5	0.00789915	0.493252574	0.498848276
	8.132476414	1.017410743	8.289369717	55023.23	0.009684114	0.490318811	0.499997075
	8.148245655	1.006993295	8.390783821	56533.66	0.010683465	0.498917744	0.490398791
	8.148630138	1.007930167	8.38336604	56407.8	0.012168915	0.497788467	0.490042618
	8.150475333	1.007547581	8.388380743	56471.83	0.013321034	0.497846007	0.488832959
	8.140721617	1.014648817	8.320059968	55445.59	0.01349708	0.491799548	0.494703372
	8.147315686	1.010272162	8.362630776	56079.88	0.013917001	0.495393418	0.490689581
	8.14850498	1.009740224	8.368214094	56159.82	0.01431241	0.495748653	0.489938937
	8.14924979	1.009397526	8.371793039	56211.24	0.014548671	0.495981542	0.489469787
	8.134898761	1.020082294	8.270034877	54680.98	0.015029114	0.486882238	0.498088647
	8.140244375	1.01651491	8.30431672	55191.41	0.015389247	0.489777614	0.494833139
	8.149606696	1.010077574	8.366509967	56120.78	0.015731397	0.495113042	0.489155562
	8.140292264	1.017629236	8.29527038	55042.13	0.016835121	0.488481511	0.494683368
	8.146807813	1.014281522	8.329073363	55532.99	0.018556391	0.49083545	0.490608159
	8.143320518	1.017057845	8.302908187	55137.48	0.018899922	0.488416498	0.49268358
	8.143310822	1.017232515	8.301472957	55113.97	0.019117049	0.488211673	0.492671278
	8.145846908	1.015568374	8.317573213	55353.44	0.019330596	0.489546185	0.491123219
	8.162012117	1.004162973	8.428143374	57010.5	0.019517455	0.499128601	0.481353944
	8.162769715	1.004008382	8.430195663	57036.68	0.020029399	0.499116571	0.48085403
	8.161494934	1.00496494	8.420903046	56896.58	0.020100279	0.498282447	0.481617274
	8.137522639	1.022239885	8.255146522	54409.85	0.020172303	0.483752205	0.496075493
	8.157478654	1.007967032	8.391838002	56458.67	0.020296176	0.495679612	0.484024212
	8.150732393	1.013201479	8.341825352	55703.49	0.020839989	0.491110749	0.488049262
	8.166323152	1.002647558	8.445181434	57247.64	0.021595152	0.499825765	0.478579083
	8.151198709	1.013542381	8.339479686	55660.25	0.021742569	0.490564989	0.487692442
	8.145220903	1.01793434	8.297625849	55031.59	0.021851311	0.48685849	0.491290199
	8.143454641	1.019404032	8.283930385	54823.98	0.022105032	0.485560265	0.492334703
	8.152497039	1.013071721	8.34463568	55732.07	0.022364952	0.490778015	0.486857033
	8.160646226	1.007861672	8.395858135	56493.11	0.023216417	0.494914735	0.481868848
	8.1425137	1.021746727	8.264015794	54505.83	0.024333547	0.482950318	0.492716135
	8.148789779	1.017272446	8.306533026	55142.41	0.024442879	0.486636944	0.488920177
	8.135289269	1.027135285	8.213627533	53749.26	0.0244815	0.478455707	0.497062793
	8.146581798	1.019203644	8.288627338	54869.97	0.024897191	0.484888377	0.490214432
	8.169240786	1.003496958	8.44094056	57148.71	0.025666645	0.497855076	0.476478279
	8.135065795	1.028385481	8.203425024	53583.68	0.025951504	0.476973759	0.497074737
	8.149623979	1.017771843	8.303276842	55080.51	0.025965274	0.485745158	0.488289569
	8.155852387	1.01348398	8.344552009	55697.14	0.026259023	0.48923402	0.484506956
	8.133611831	1.02997665	8.189340237	53366.54	0.026663261	0.475444222	0.497892516
	8.13741273	1.027201958	8.215161642	53753.26	0.026692051	0.4777112	0.495596749
	8.174247332	1.000709316	8.469457202	57567.7	0.026754903	0.499878613	0.473366483
	8.152919343	1.016009978	8.320919001	55337.74	0.026836419	0.486935176	0.486228406
	8.165328547	1.007122138	8.406672453	56624.17	0.026869672	0.494392083	0.478738244
	8.139396175	1.025906663	8.227467346	53935.83	0.026912313	0.478706109	0.494381577
	8.153027534	1.01612488	8.320084562	55322.94	0.027108792	0.486750853	0.486140355
	8.172522361	1.00224551	8.454754516	57343.11	0.027212871	0.498418131	0.474368998
	8.153712898	1.016176251	8.320338408	55320.26	0.027884531	0.486453497	0.485661972
	8.146977092	1.021102661	8.27359952	54618.83	0.027938774	0.482339584	0.489721642
	8.131944171	1.032190732	8.170158192	53067.7	0.028016844	0.473197579	0.498785577
	8.157937474	1.01381065	8.343919907	55665.89	0.028867336	0.488101852	0.483030813
	8.154120861	1.016943474	8.314462378	55219.53	0.029409664	0.485302021	0.485288315
	8.171046631	1.004800567	8.431786662	56980.08	0.029422635	0.49550269	0.475074675
	8.17344622	1.00525671	8.430347721	56932.42	0.032685043	0.493960871	0.473354086
	8.150738394	1.022051397	8.269599562	54515.42	0.033308037	0.479688667	0.487003296
	8.179362842	1.001537456	8.467561733	57485.37	0.033436634	0.496842045	0.469721321
	8.137033073	1.032264302	8.174505743	53088.32	0.033503992	0.471239671	0.495256337
	8.16631535	1.010983954	8.375536233	56102.16	0.033641522	0.488781779	0.477576699
	8.134196833	1.03535636	8.147353464	52670.07	0.034968754	0.468186054	0.496845192
	8.174557395	1.006067723	8.424656302	56827.69	0.035179717	0.492345209	0.472475075
	8.154949733	1.020218181	8.288586976	54785.63	0.035189956	0.480505088	0.484304956
	8.148271569	1.025166737	8.242063128	54087.16	0.035289092	0.476384814	0.488326093
	8.150070712	1.024092643	8.252464424	54240.25	0.035664931	0.477125951	0.487209118
	8.138974246	1.03243487	8.175035429	53077.62	0.035913863	0.47020252	0.493883617
	8.139036857	1.032476071	8.17476984	53072.63	0.03604714	0.470118163	0.493834697
	8.141351412	1.030780483	8.190462411	53307.6	0.036075425	0.471488783	0.492435792
	8.149428564	1.025061201	8.244040404	54108.11	0.03643273	0.476034886	0.487532384
	8.131254915	1.038721559	8.118125816	52218.74	0.036732554	0.464794635	0.498472811
	8.154133361	1.021988542	8.273430087	54544.48	0.037014386	0.478340606	0.484645008
	8.180981292	1.002726982	8.459130784	57330.51	0.037156625	0.494409579	0.468433796
	8.170605648	1.010432957	8.384349483	56204.22	0.037626104	0.487718964	0.474654931
	8.135048028	1.036515969	8.139059764	52525.14	0.037693021	0.466203127	0.496103852
	8.19038917 2	0.996485972	8.521551533	58263.16	0.037834651	0.4994647	0.462700649
	8.177634404	1.005822758	8.429767301	56880.99	0.038318047	0.491325831	0.470356121
	8.161918162	1.017703355	8.315915939	55165.46	0.039230203	0.481007174	0.479762623
	8.169526415	1.012487444	8.366270473	55917.64	0.039708608	0.48515938	0.475132012
	8.177626716	1.006995241	8.419944566	56719.5	0.040252084	0.489548844	0.470199072
	8.132073331	1.040777211	8.102877955	51959.75	0.040890596	0.461478021	0.497631383
	8.178482572	1.006977511	8.420942742	56727.36	0.04125505	0.489146127	0.469598822
	8.162118864	1.019035671	8.305240433	54987.86	0.041666854	0.478895328	0.479437818
	8.193767394	0.996471121	8.525068718	58287.23	0.041848378	0.497824854	0.460326768
	8.131109525	1.042115677	8.091545978	51782.99	0.041878659	0.459991027	0.498130314
	8.145674836	1.031733312	8.187088784	53208.88	0.042688041	0.468037628	0.489274331
	8.136058778	1.038937146	8.121065076	52219.05	0.042751417	0.462177479	0.495071104
	8.132998611	1.0412607	8.100004158	51903.23	0.042798262	0.460288128	0.49691361
	8.181764925	1.005561128	8.436068261	56943.33	0.042852083	0.489663092	0.467484825
	8.199074891	0.994281714	8.549178936	58630.73	0.044587591	0.498517044	0.456895365
	8.168527951	1.01611651	8.335407662	55419.98	0.044641868	0.4800361	0.475322031
	8.162908764	1.020400047	8.294909609	54810.03	0.044981352	0.476334531	0.478684117
	8.155373344	1.025926028	8.242885459	54029.67	0.044987757	0.471781992	0.483230252
	8.178659785	1.009227557	8.402344068	56419.66	0.045392564	0.48546144	0.469145995
	8.177544906	1.010084731	8.39410996	56295.37	0.045492468	0.484697201	0.469810331
	8.141378732	1.037185307	8.139911035	52475.83	0.046518035	0.461935672	0.491546292
	8.154847331	1.027198875	8.232159255	53858.5	0.046535447	0.470046308	0.483418245
	8.15597084	1.026727665	8.237031608	53927.4	0.047168195	0.470144353	0.482687452
	8.172832887	1.014415846	8.3536257	55676.59	0.047170138	0.48031668	0.472513182
	8.163942244	1.021010006	8.290966384	54734.84	0.04740266	0.474739222	0.477858118
	8.132485264	1.044534585	8.074124857	51482.68	0.047687706	0.455497707	0.496814587
	8.190167333	1.00229153	8.47197095	57449.85	0.047741101	0.49025259	0.462006309
	8.160042256	1.024194188	8.261382215	54287.22	0.047995396	0.471842891	0.480161713

Table 4b: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 2

SPGSINTR 2							
	8.173019679	1.014773354	8.350866759	55629.34	0.048070466	0.479604326	0.472325208
	8.192550813	1.000790505	8.48705914	57674.19	0.048099429	0.491362347	0.460538224
	8.155035666	1.028161798	8.224632612	53732.81	0.04850707	0.468353152	0.483139779
	8.178157378	1.011319243	8.384468926	56130.67	0.048546051	0.48226845	0.469185499
	8.127111779	1.049417378	8.031436634	50834.26	0.049124395	0.450938911	0.499936694
	8.154023252	1.029282198	8.214696283	53579.5	0.049185667	0.467120422	0.483693911
	8.134301611	1.044131892	8.078978397	51544.35	0.049404901	0.455020008	0.495575092
	8.151300764	1.03202751	8.190206243	53203.9	0.050529776	0.464246006	0.485224217
	8.160768935	1.025132929	8.254525917	54167.18	0.050713912	0.469790105	0.479495983
	8.195300689	1.000292099	8.494036981	57761.47	0.050881206	0.490472331	0.458646463
	8.200225562	0.997154386	8.525703814	58233.09	0.051559594	0.492822194	0.455618213
	8.127955269	1.050144766	8.026676828	50747.53	0.051603537	0.449175967	0.499220496
	8.205556591	0.993495182	8.562471301	58784.55	0.051739427	0.495873995	0.452386578
	8.150047103	1.033682266	8.175882255	52980.82	0.051887708	0.462245173	0.485867118
	8.182999498	1.009695833	8.402745271	56382.87	0.052103832	0.481929709	0.465966459
	8.151991561	1.032402361	8.187901606	53159.08	0.052201645	0.463130716	0.484667639
	8.162212464	1.024870316	8.25804955	54210.7	0.052234658	0.469267481	0.47849786
	8.168628171	1.020220813	8.301972924	54869.02	0.052329066	0.473052032	0.474618902
	8.146711567	1.036425675	8.151022462	52605.27	0.052377323	0.459783918	0.487838759
	8.163057956	1.02434444	8.263114451	54285.56	0.05241834	0.469609304	0.477972357
	8.202095266	0.996377187	8.534230582	58354.65	0.052641997	0.49295841	0.454399593
	8.150248571	1.034102878	8.172751607	52927.32	0.052977955	0.461367633	0.485654412
	8.129611595	1.049655846	8.031993548	50818.42	0.053042728	0.448856477	0.498100795
	8.198760815	0.998974305	8.508705545	57968.14	0.053134512	0.490495151	0.456370336
	8.207106142	0.993115269	8.567307142	58848.6	0.053168255	0.495499576	0.451332169
	8.203074559	0.995960222	8.538786749	58419.8	0.053194922	0.49304259	0.453762489
	8.138951959	1.042726101	8.094330183	51750.36	0.053299177	0.454257193	0.49244363
	8.144080372	1.038926935	8.128865927	52267.14	0.053399472	0.45725963	0.489340898
	8.158417648	1.02836536	8.226293267	53726.31	0.053595733	0.465730505	0.480673763
	8.188362985	1.006604381	8.433879817	56841.35	0.053607105	0.483788296	0.462604599
	8.196811346	1.000599243	8.4929394	57728.31	0.053631185	0.488863744	0.457505071
	8.174715696	1.016471983	8.338580134	55410.28	0.053671995	0.475494423	0.470833582
	8.206278573	0.993947989	8.559296924	58725.12	0.053685799	0.494525966	0.451788235
	8.156758666	1.029863316	8.212717088	53519.59	0.054130561	0.464239403	0.481630036
	8.192397087	1.004110442	8.45884489	57211.65	0.054394032	0.485501227	0.460104742
	8.213084946	0.989666003	8.603207861	59379.33	0.054680679	0.497721043	0.447598278
	8.178430445	1.014283594	8.360233649	55729.3	0.0546861	0.476806478	0.468507422
	8.16196934	1.026298711	8.24631917	54020.19	0.054688385	0.466872195	0.47843942
	8.153015416	1.033005201	8.184114462	53086.55	0.05485702	0.461315101	0.483827879
	8.136316102	1.045595337	8.069597478	51369.91	0.055008409	0.45110045	0.493891142
	8.20441086	0.996150019	8.538501315	58401.74	0.055538409	0.491701309	0.452760282
	8.141215757	1.042346486	8.099449907	51811.94	0.055892123	0.453246936	0.490860941
	8.183164769	1.011502031	8.387904223	56137.1	0.055996045	0.478462611	0.465541345
	8.194487181	1.003459617	8.466414024	57315.25	0.056136661	0.48516539	0.458697949
	8.162707454	1.026505093	8.245380274	53997.36	0.056206949	0.465925943	0.477867108
	8.16328095	1.02610502	8.249154008	54053.7	0.056252171	0.466230534	0.477517295
	8.173993045	1.018274472	8.323109998	55163.05	0.056268651	0.472678823	0.471052527
	8.155766895	1.031854281	8.195909479	53253.05	0.056658921	0.461324009	0.48201707
	8.153318639	1.033764813	8.178394079	52989.43	0.05684845	0.459673114	0.483478437
	8.130666894	1.050853895	8.023840728	50673.77	0.056950766	0.445911896	0.497137338
	8.179699614	1.014468836	8.359958143	55712.08	0.056969554	0.475479706	0.467550739
	8.199034319	1.000791299	8.493530785	57715.81	0.057335921	0.486810011	0.455854068
	8.21844253	0.987199411	8.630130674	59768.59	0.057388888	0.498471866	0.444139246
	8.19978625	1.000342615	8.49809207	57783.31	0.057517957	0.487096888	0.455385155
	8.209349923	0.993605851	8.565335347	58793.73	0.057526546	0.492859481	0.449613973
	8.18963001	1.007599167	8.426810657	56712.4	0.057564321	0.480926397	0.461509282
	8.130187284	1.051717775	8.016793928	50562.65	0.057967006	0.444691231	0.497341763
	8.164750649	1.025898609	8.252246342	54089.87	0.05807613	0.465445837	0.476478033
	8.125835071	1.055164431	7.986482685	50107.6	0.058224493	0.441829261	0.499946246
	8.222053581	0.985131502	8.65191191	60090.75	0.058352734	0.49976741	0.441879856
	8.144543447	1.0410675	8.112596769	51994.91	0.058394085	0.45296198	0.488643935
	8.140072248	1.044474255	8.081855152	51533.97	0.058481437	0.450184129	0.491334434
	8.180814152	1.014378017	8.361805361	55731.32	0.058496946	0.474752489	0.466750565
	8.198807882	1.00152772	8.487059421	57611.63	0.058590221	0.485523946	0.455885833
	8.184156001	1.012015755	8.384625782	56073.26	0.05860748	0.476667578	0.464724942
	8.208488378	0.994737263	8.55472705	58627.85	0.058687218	0.491276009	0.450036772
	8.134476279	1.048873437	8.04262304	50944.61	0.058828833	0.446489318	0.494681849
	8.150569987	1.036942231	8.150682967	52561.1	0.05921282	0.455847945	0.484939235
	8.177761742	1.017101156	8.336416772	55344.24	0.059610174	0.471890586	0.46849924
	8.200414806	1.000854171	8.494376547	57715.91	0.059624942	0.485545303	0.454829754
	8.15806867	1.031758981	8.198897434	53279.18	0.060066008	0.459590589	0.480343403
	8.180148387	1.0156274	8.350863497	55558	0.060178843	0.472809496	0.467011661
	8.179724252	1.015974029	8.347596885	55508.51	0.060266114	0.472473609	0.467260277
	8.15666059	1.032897642	8.188495782	53122.16	0.06027122	0.458552935	0.481175845
	8.149670775	1.038219293	8.139791102	52390.94	0.060518815	0.454108572	0.485372613
	8.165938849	1.026159508	8.251306132	54062.52	0.060530913	0.463913205	0.475555882
	8.127284335	1.055169968	7.987814267	50115.01	0.060566109	0.440557854	0.498876037
	8.19717363	1.003647275	8.467507423	57306.37	0.060732438	0.482574596	0.456692966
	8.214831322	0.991307434	8.59072415	59156.52	0.060984523	0.492997925	0.446017552
	8.150329534	1.037953923	8.14250685	52429.02	0.061016944	0.454049565	0.484933491
	8.165141418	1.027061842	8.243280459	53938.48	0.061232381	0.462789232	0.475978387
	8.195108163	1.005376984	8.450885276	57053.61	0.061321595	0.480788607	0.457889798
	8.182765349	1.01430721	8.364312762	55753.05	0.061469592	0.47320566	0.465324748
	8.167166912	1.025746614	8.255824773	54124.56	0.061624988	0.463651577	0.474723435
	8.15364114	1.035757531	8.16297085	52732.51	0.061627324	0.455488348	0.482884328
	8.178535954	1.017442691	8.334379339	55302.98	0.061630451	0.470506345	0.467863203
	8.180513684	1.01601414	8.348044323	55507.97	0.061644926	0.47168639	0.466668684
	8.210338437	0.994756909	8.556417904	58637.17	0.061691012	0.489639612	0.448669375
	8.125472818	1.057243387	7.970435489	49847.27	0.062062369	0.438093663	0.499843968
	8.171425524	1.022970229	8.28239442	54519.01	0.062414642	0.46549747	0.472087887
	8.212387964	0.993660786	8.567919228	58805.85	0.062494618	0.490139818	0.447365563
	8.145495799	1.042259425	8.104232967	51847.81	0.062539167	0.449738055	0.487722777
	8.187310494	1.011561998	8.391505321	56154.87	0.062700524	0.474820054	0.462479422
	8.170598848	1.023711268	8.275591472	54415.38	0.062726752	0.464712659	0.472560589
	8.224151809	0.985570403	8.650187929	60041.41	0.062735318	0.49701723	0.440247452
	8.183257936	1.014541334	8.36286807	55724.36	0.062829697	0.472256475	0.464913828
	8.207034001	0.997677476	8.528058011	58203.73	0.06309757	0.486356836	0.450545593
	8.143777278	1.043868445	8.090094788	51632.44	0.063257673	0.448042708	0.488699619
	8.200020161	1.002762533	8.477817302	57447.48	0.063386258	0.481860321	0.454753422
	8.12529761	1.058062378	7.964100393	49744.82	0.063597681	0.436580988	0.49982133

Table 4c: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 3

SPGSINTR 3							
	8.139108091	1.047615659	8.056700381	51129.85	0.063768228	0.444757574	0.491474198
	8.158977346	1.032894309	8.190765175	53136.32	0.064157229	0.456389669	0.479453102
	8.144007008	1.044117264	8.088386901	51602.06	0.064231837	0.447288598	0.488479565
	8.156926068	1.034503567	8.176040885	52914.64	0.064359051	0.454967034	0.480673915
	8.135568629	1.050613558	8.030341848	50731.68	0.064497251	0.441953882	0.493548867
	8.172451909	1.023340045	8.28040429	54476.01	0.065051316	0.463700519	0.471248165
	8.229997078	0.982523362	8.682963482	60522.07	0.065160981	0.498321234	0.436517785
	8.160901554	1.031893365	8.20057501	53278.44	0.065167656	0.456624731	0.478207613
	8.126601838	1.057835612	7.967040561	49780.14	0.065391145	0.435724398	0.498884458
	8.226392383	0.985173728	8.655945176	60113.7	0.065575816	0.495766104	0.43865808
	8.130011061	1.055360967	7.988952328	50106.46	0.065709146	0.437490015	0.496800839
	8.133150238	1.052974403	8.010040515	50421.94	0.065728056	0.439366781	0.494905163
	8.133436956	1.05278039	8.011789002	50447.83	0.065786215	0.439486483	0.494727303
	8.176290986	1.020855286	8.304319418	54830.99	0.065829901	0.465303421	0.468866678
	8.169278181	1.026201562	8.254222063	54077.09	0.066354536	0.460591308	0.473054156
	8.167604568	1.027587718	8.241458915	53883.89	0.066739562	0.459228658	0.47403178
	8.153899884	1.037839909	8.146841531	52464.62	0.066972427	0.450746221	0.482281351
	8.180695874	1.01811316	8.331012307	55226	0.066981282	0.466906089	0.466112629
	8.177113286	1.02084423	8.305214868	54837.5	0.067295121	0.464456849	0.46824803
	8.139028679	1.049174736	8.044652414	50932.47	0.067347981	0.441429177	0.491222841
	8.204865082	1.000952152	8.497991097	57730.86	0.067412898	0.481093609	0.451493494
	8.189728133	1.011770086	8.392168975	56141.61	0.06745151	0.471924995	0.460623495
	8.147949314	1.042500033	8.104716009	51831.22	0.067482317	0.446688545	0.485829138
	8.161283963	1.032559102	8.195658087	53193.74	0.067498451	0.454719529	0.47778202
	8.146733213	1.043422864	8.096382486	51706.31	0.067504839	0.445934143	0.486561019
	8.225052124	0.986860177	8.639794888	59861.46	0.067527524	0.493168885	0.439303592
	8.192295516	1.00998025	8.409583165	56402.38	0.06759164	0.473345669	0.45906269
	8.175759287	1.022003492	8.294469383	54674.29	0.067730114	0.463241255	0.469028631
	8.174593236	1.022934012	8.285784346	54543.09	0.067930782	0.462353799	0.469715418
	8.179785794	1.019205384	8.321191505	55073.56	0.068077134	0.465352733	0.466570133
	8.168653978	1.02739039	8.244063261	53916.23	0.068189632	0.458533001	0.473277367
	8.158202014	1.035128646	8.172336297	52840.95	0.068212704	0.452205423	0.479581873
	8.179271861	1.019757624	8.316181267	54996.29	0.068537855	0.464620436	0.466841709
	8.222866741	0.988862879	8.620087081	59559.15	0.068815326	0.490670143	0.440514531
	8.196043633	1.007890087	8.430741736	56712.92	0.069141136	0.474187227	0.456671637
	8.175983017	1.022427597	8.291247645	54619.06	0.069249735	0.461983669	0.468766596
	8.218997197	0.991797021	8.590683784	59114.2	0.069461789	0.487742947	0.442795265
	8.14381329	1.046488952	8.06987084	51299.43	0.069720573	0.442141844	0.488137583
	8.159466565	1.03477545	8.176347782	52894.29	0.069732489	0.45157569	0.478691821
	8.189855487	1.012650086	8.385001885	56022.45	0.069995941	0.469670123	0.460333935
	8.23351056	0.981963045	8.691496072	60627.28	0.070041864	0.49596834	0.433989796
	8.1336779	1.054322711	8.000297446	50256.4	0.070111925	0.435667787	0.494220288
	8.23157385	0.98335915	8.677187009	60411.29	0.070219882	0.494636646	0.435143472
	8.158867341	1.035604943	8.169220112	52783.04	0.070756384	0.450275838	0.478967778
	8.186779296	1.015181977	8.361059275	55659.39	0.070845653	0.467035357	0.462118989
	8.169030815	1.028124043	8.23854696	53821.73	0.070852368	0.456320246	0.472827385
	8.185655737	1.016082382	8.352544317	55530.57	0.071087443	0.466135856	0.462776701
	8.186570058	1.015429	8.358819223	55624.64	0.071108252	0.466668463	0.462223285
	8.143060995	1.047663967	8.060101952	51146.27	0.071339735	0.440204131	0.488456134
	8.184508819	1.017055302	8.343426554	55392.07	0.071481191	0.465083006	0.463435803
	8.214233545	0.99586486	8.550809729	58505.97	0.071484362	0.483015203	0.445500435
	8.160127102	1.035010219	8.17513135	52867.67	0.071685891	0.450184145	0.478129964
	8.164647238	1.031663379	8.206033868	53330.77	0.071691021	0.452906773	0.475402206
	8.223038017	0.989903894	8.611194942	59411.17	0.072015876	0.487840507	0.440143618
	8.206158175	1.001759473	8.49243336	57626.52	0.072056771	0.477618186	0.450325042
	8.179629619	1.02082686	8.307821186	54855.2	0.072118505	0.461554994	0.466326501
	8.130456968	1.057602275	7.972443476	49830.46	0.072330566	0.431691203	0.495978231
	8.226355617	0.987722951	8.633567746	59746	0.072362365	0.489524735	0.4381129
	8.230706655	0.984853146	8.663143415	60188.96	0.072758119	0.491787366	0.435454515
	8.141557072	1.049343224	8.045770223	50925.57	0.072840511	0.437921395	0.489238094
	8.201053473	1.005765239	8.453534222	57037.73	0.073148255	0.473537911	0.453313833
	8.128406699	1.059484657	7.956343716	49586.14	0.073209687	0.4296485	0.497141813
	8.226279505	0.988073216	8.630430171	59695.15	0.073225017	0.488688278	0.438086705
	8.147325685	1.045141844	8.083632977	51490.67	0.073265407	0.441012647	0.485721946
	8.147900311	1.044789418	8.08690972	51538.82	0.073493155	0.441150653	0.485356192
	8.242079624	0.97737967	8.741021812	61356.22	0.073698134	0.497788083	0.428513783
	8.174358368	1.025387217	8.265731831	54215.61	0.074157459	0.456505967	0.469336573
	8.232506666	0.984117313	8.671449984	60307.59	0.074245196	0.491510689	0.434244115
	8.188027523	1.0155228	8.359482339	55620.97	0.074372915	0.464556126	0.461070959
	8.176150928	1.024155571	8.277422454	54389.97	0.074391274	0.457373283	0.468235443
	8.198558395	1.008140933	8.431138449	56694.3	0.074905332	0.470422265	0.454672403
	8.214638386	0.996788161	8.543295469	58378.32	0.074998931	0.480038727	0.444962343
	8.186288866	1.017002282	8.34561181	55410.21	0.075037637	0.462897916	0.462064447
	8.191693958	1.013125174	8.38288453	55969.24	0.075101268	0.466100893	0.45879784
	8.147140342	1.046198025	8.07529505	51355.38	0.075968218	0.438423964	0.485607818
	8.155600181	1.039954153	8.131913843	52202.08	0.076260684	0.443260388	0.480478928
	8.219875184	0.993537125	8.57652156	58872.47	0.076272371	0.482031491	0.441696137
	8.134609004	1.055783973	7.990106508	50079.47	0.076272814	0.430583759	0.493143427
	8.222260699	0.99199758	8.592236777	59107.11	0.076659815	0.483115794	0.440224391
	8.152489592	1.042420406	8.109690613	51867.64	0.076698908	0.440981954	0.482319138
	8.149939961	1.044334948	8.092382015	51608.44	0.076710471	0.439432979	0.48385655
	8.177117319	1.024259051	8.277529693	54382.07	0.076849761	0.455703423	0.467446816
	8.230338938	0.98650638	8.648252565	59947.71	0.077006506	0.48767228	0.435321215
	8.197168007	1.009832986	8.415634577	56453.19	0.077055186	0.467613219	0.455331595
	8.135860112	1.055134295	7.996211994	50167.38	0.077217145	0.43047326	0.492309595
	8.171534966	1.028476586	8.238157748	53790.29	0.077257197	0.451961807	0.470780996
	8.196515548	1.010396163	8.410298112	56371.94	0.077360613	0.46693965	0.455699737
	8.246948072	0.975255433	8.765052904	61702.81	0.077362531	0.497367525	0.425269944
	8.197659141	1.009672294	8.417460381	56478.31	0.077661321	0.467354094	0.454984584
	8.201535023	1.006922283	8.444298593	56881	0.077710063	0.469648031	0.452641906
	8.185995488	1.018176862	8.33569608	55250.04	0.078032314	0.459976581	0.461991105
	8.138121087	1.053761128	8.00877756	50351.46	0.078324882	0.430822343	0.490852775
	8.146362231	1.04760841	8.06368061	51172.12	0.078578216	0.435562673	0.485859111
	8.242085439	0.978974978	8.726783648	61121.96	0.078716792	0.493192499	0.428090709
	8.21931686	0.994717893	8.565779619	58701.37	0.078811771	0.47936751	0.441820718
	8.156889646	1.039828423	8.13413718	52225.75	0.078928414	0.441593712	0.479477874
	8.142213535	1.050863449	8.034755547	50737.83	0.078991318	0.432680895	0.488327786
	8.225106648	0.990838332	8.605161671	59291.25	0.079322635	0.482392759	0.438284606
	8.166185748	1.033051854	8.196493822	53158.47	0.079325778	0.446838587	0.473835635
	8.165869205	1.033392211	8.19348792	53112.19	0.079684308	0.446319037	0.473996655

Table 4d: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 4

SPGSINTR 4							
	8.205968122	1.004387583	8.470022588	57259.79	0.079734482	0.470467669	0.449797849
	8.200375986	1.008363188	8.431082647	56675.21	0.079736355	0.467091808	0.453171838
	8.223094014	0.992429472	8.589337219	59051.08	0.079971941	0.480583365	0.439444693
	8.249247514	0.974497038	8.774233862	61830.83	0.080016361	0.496322981	0.423660659
	8.13885292	1.053749082	8.009563623	50357.07	0.080146716	0.429594385	0.490258899
	8.214507258	0.998506242	8.528464107	58135.68	0.080222732	0.475172523	0.444604745
	8.152729992	1.043331443	8.102839646	51752.55	0.080269212	0.437855183	0.481875605
	8.150890828	1.044765759	8.089955237	51559.01	0.080466381	0.436564796	0.482968824
	8.208812103	1.002689749	8.487201054	57513.91	0.080814175	0.471194222	0.447991604
	8.155039186	1.041796954	8.116991073	51962.23	0.080935101	0.438638268	0.48042663
	8.251077392	0.973557286	8.784582995	61982.76	0.081046342	0.496483206	0.422470452
	8.124877001	1.064690714	7.914124053	48926.99	0.081110215	0.420278741	0.498611044
	8.165634189	1.033979441	8.188607284	53034.26	0.081111773	0.444869108	0.474019119
	8.135746836	1.056405978	7.986479067	50008.42	0.081192972	0.42676147	0.492045558
	8.221614555	0.993853	8.575545828	58839.03	0.081334714	0.478441856	0.44022343
	8.230632234	0.987631031	8.638701459	59787.67	0.081453545	0.483773986	0.43477247
	8.170744476	1.030322986	8.222627257	53542.74	0.081497131	0.447599376	0.470903493
	8.223470516	0.992612142	8.588135836	59027.56	0.081517156	0.479394503	0.43908834
	8.19042282	1.016017861	8.357766665	55568.8	0.081544186	0.45942964	0.459026174
	8.192844404	1.014294423	8.374355216	55817.44	0.081610663	0.460829839	0.457559498
	8.141845975	1.051923258	8.026311143	50602.61	0.08170207	0.42997499	0.48832294
	8.185817554	1.019465872	8.324981914	55075.59	0.081983732	0.456248147	0.461768121
	8.225883657	0.99111507	8.603542926	59256.85	0.082159036	0.480262311	0.437578654
	8.123071035	1.066401257	7.899736024	48708.38	0.08228753	0.41811018	0.49960229
	8.214683751	0.999003192	8.524398333	58067.04	0.082411934	0.473272832	0.444315234
	8.205551557	1.005465027	8.460531917	57107.85	0.082476843	0.467703229	0.449819928
	8.222534171	0.993585939	8.578776358	58882.97	0.082676435	0.477767177	0.439556388
	8.236885997	0.983718756	8.679415064	60394.81	0.082861442	0.486257144	0.430881414
	8.142896659	1.051455539	8.030880755	50667.27	0.082905544	0.429506082	0.487588374
	8.13922562	1.054295624	8.005765005	50290.86	0.083145867	0.427070844	0.489783289
	8.154023778	1.043167454	8.10535369	51780.97	0.083163984	0.435983054	0.480852962
	8.147482359	1.048116437	8.060840814	51114.21	0.083343427	0.431871695	0.484784878
	8.211755409	1.001332808	8.501641743	57722.01	0.083406297	0.470594716	0.445998987
	8.145483545	1.049642725	8.047215246	50910.08	0.083428945	0.430587296	0.485983759
	8.175519305	1.027376329	8.250858476	53959.35	0.083528188	0.448619122	0.46785269
	8.154501717	1.042913448	8.107786055	51816.2	0.08355491	0.435913185	0.480531905
	8.187686978	1.018650998	8.333476709	55196.62	0.083972927	0.455553211	0.460473862
	8.206093184	1.005499677	8.460779021	57106.5	0.084034554	0.466602548	0.449362898
	8.241504775	0.980875337	8.709284292	60839.93	0.084039327	0.487964577	0.427996095
	8.179685397	1.024568314	8.277537647	54356.52	0.084416401	0.450318873	0.465264726
	8.140308079	1.0538276	8.010347683	50355.41	0.084515082	0.426469225	0.489015694
	8.210936956	1.002202442	8.493448024	57595.42	0.084517638	0.469082452	0.44639991
	8.232628512	0.987105064	8.645326841	59876.69	0.084591442	0.482102921	0.433305637
	8.244845108	0.978754531	8.731568774	61173.07	0.08462764	0.489440916	0.425931444
	8.128894576	1.062554843	7.933813513	49210.67	0.084697829	0.419415153	0.495887018
	8.177677886	1.026107573	8.263164115	54140.18	0.084714121	0.448834764	0.466451115
	8.147058586	1.048792401	8.055241404	51026.34	0.084738741	0.430337338	0.484923921
	8.161037246	1.038380836	8.149471123	52436.5	0.084843823	0.43867539	0.476480787
	8.138101291	1.055632953	7.994557821	50117.76	0.085055591	0.424642385	0.490302023
	8.24741524	0.977139654	8.748629323	61427.99	0.085130647	0.49053071	0.424338643
	8.230672452	0.988631162	8.630002951	59644.19	0.085280709	0.480291044	0.434428247
	8.172435857	1.030125103	8.225848708	53578.81	0.085444899	0.445002181	0.46955292
	8.238785646	0.98311543	8.686673785	60495.21	0.085517197	0.48496961	0.429513193
	8.209710689	1.003394977	8.482131436	57421.54	0.085805684	0.467162191	0.447032124
	8.233823583	0.986634588	8.650660618	59952.47	0.085973688	0.481557307	0.432469005
	8.193578811	1.014946543	8.369698151	55733.5	0.086091052	0.457167138	0.45674181
	8.2481516	0.976896564	8.751560103	61468.84	0.086142769	0.490047502	0.423809729
	8.229069693	0.989983543	8.616594833	59439.68	0.086257124	0.478429197	0.43531368
	8.154579043	1.043534258	8.103036739	51737.3	0.086272749	0.433469217	0.480258034
	8.211105128	1.002566753	8.490529424	57545.73	0.086433761	0.46742799	0.446138249
	8.161832815	1.038194302	8.151701649	52465.23	0.086494237	0.437642977	0.475862786
	8.254335201	0.972910238	8.793773832	62101.36	0.086903297	0.493081574	0.420015129
	8.156780438	1.042094717	8.116342678	51934.15	0.087130498	0.43401144	0.478858062
	8.254200428	0.973068447	8.792205572	62076.91	0.087180932	0.492745832	0.420073237
	8.230519226	0.989247329	8.624472739	59554.76	0.087345945	0.478306012	0.434348044
	8.251798346	0.974734061	8.774717209	61813.27	0.087377062	0.491116746	0.421506192
	8.155260667	1.04329544	8.105544926	51771.74	0.087430674	0.43281937	0.479749956
	8.236854837	0.984921817	8.668781708	60220.22	0.087482706	0.482003422	0.430513872
	8.131600423	1.061179538	7.946645702	49394.69	0.087659234	0.418333961	0.494006805
	8.205479505	1.006855723	8.448774437	56915.18	0.08774395	0.462832984	0.449423066
	8.175487525	1.028449907	8.242214678	53817.49	0.087787868	0.444696381	0.467515751
	8.184264695	1.022161739	8.301506273	54704.98	0.088210079	0.449605376	0.462184544
	8.230641367	0.989367864	8.623545465	59538.29	0.088212348	0.477585737	0.434201914
	8.263103218	0.967385425	8.853059376	62988.84	0.088344095	0.497051615	0.414604289
	8.122379989	1.068401711	7.884297917	48461.36	0.088439894	0.412055203	0.499504903
	8.195733412	1.013984706	8.379762293	55877.49	0.08856132	0.456203416	0.455235264
	8.142088891	1.053440866	8.014978872	50413.78	0.088646599	0.423757602	0.4875958
	8.229490676	0.990275249	8.61448176	59400.71	0.088700119	0.476444449	0.434855432
	8.25556795	0.972538621	8.798401583	62165.15	0.088826802	0.492062685	0.419110513
	8.151570666	1.046385647	8.078081044	51356.9	0.088953379	0.429197517	0.481849104
	8.19700656	1.013198407	8.387522024	55992.39	0.08911616	0.456463145	0.454420695
	8.249074281	0.9769912	8.751656797	61461.2	0.089155257	0.487843583	0.42300116
	8.12202796	1.068840665	7.880730618	48406.2	0.089260331	0.41109095	0.499648718
	8.135668609	1.058475016	7.970793709	49751.2	0.08949549	0.419105853	0.491398657
	8.134332204	1.059494749	7.961860696	49617.63	0.089521418	0.418275741	0.49220284
	8.129267207	1.06335332	7.928206398	49114.72	0.089533877	0.415208241	0.495257882
	8.232866229	0.988145054	8.636468491	59728.6	0.08957199	0.477682185	0.432745824
	8.231621508	0.989007557	8.627678162	59596.46	0.089595327	0.476909768	0.433494905
	8.151707673	1.04646883	8.077569847	51347.12	0.089839772	0.428467894	0.481692334
	8.196949546	1.013412099	8.385697135	55962.95	0.089907162	0.455703871	0.454388967
	8.19970144	1.01146694	8.404544424	56245.44	0.0899929	0.45728572	0.45272138
	8.126917882	1.065272737	7.911715922	48866.97	0.090165812	0.413211617	0.496622571
	8.256775099	0.972038102	8.8041739	62248.02	0.090195326	0.491536932	0.418267742
	8.261765843	0.968711882	8.839556315	62780.1	0.09024935	0.494498705	0.415251944
	8.134540274	1.05950021	7.962016042	49618.11	0.090341588	0.417649682	0.49200873
	8.268575194	0.964276661	8.887275747	63496.93	0.090657132	0.498233595	0.411109273
	8.201580755	1.010271452	8.416350009	56420.83	0.090660969	0.45780743	0.4515316
	8.137132636	1.057604142	7.978741468	49867.29	0.090698823	0.418886474	0.490414702
	8.23207857	0.988948747	8.628653389	59607.93	0.090764961	0.476113696	0.433121343
	8.233978527	0.987656688	8.641865155	59806.25	0.090835452	0.477195482	0.431969066

Table 4e: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 5

SPGSINTR 5							
	8.225172852	0.993745236	8.580056469	58877.64	0.090872837	0.471848113	0.437279049
	8.192123395	1.017081406	8.350699101	55435.54	0.090915322	0.451868024	0.457216654
	8.144009938	1.05248373	8.024093002	50544.49	0.091063813	0.422701577	0.486234609
	8.223264272	0.99517446	8.565816351	58662.5	0.091365538	0.470245017	0.438389445
	8.141643193	1.054324003	8.007842526	50300.86	0.091368416	0.42099441	0.487637174
	8.184682374	1.02259871	8.298367371	54649.17	0.091686523	0.446671584	0.461641893
	8.133787873	1.060326565	7.95510133	49511.89	0.091690972	0.41595913	0.492349898
	8.196162429	1.014352276	8.377148671	55830.21	0.091721485	0.453566302	0.454712213
	8.134344018	1.059918737	7.958686939	49565.31	0.091769225	0.416222982	0.492007793
	8.180721439	1.025489348	8.271113542	54240.5	0.091792306	0.444184723	0.464022971
	8.15980162	1.040853726	8.128922246	52110.86	0.09190239	0.431461384	0.476636226
	8.177526606	1.027869	8.248856614	53906.35	0.092084194	0.44198956	0.465926246
	8.16784921	1.03499885	8.182682141	52914.65	0.092346219	0.43591036	0.471743421
	8.170373787	1.033150554	8.199764442	53170.38	0.09237285	0.437409217	0.470217933
	8.126813532	1.065766535	7.907952303	48806.1	0.092418596	0.411084206	0.496497198
	8.272341717	0.962169361	8.910654872	63843.81	0.09243927	0.498873065	0.408687665
	8.141173469	1.05488056	8.003172283	50228.73	0.092472989	0.419698761	0.48782825
	8.24984551	0.977189071	8.750673899	61437.32	0.092476628	0.485265221	0.42225815
	8.143500421	1.05313962	8.018611828	50459.42	0.09253556	0.421045442	0.486418998
	8.231562951	0.989683866	8.621723191	59499.1	0.092592533	0.474127801	0.433279666
	8.128821588	1.064277342	7.920904306	48999.07	0.09266725	0.412067947	0.495264803
	8.146750676	1.050734788	8.040057461	50779.67	0.092737692	0.422821325	0.484440983
	8.218066669	0.999087378	8.527066046	58077.09	0.092799403	0.465794931	0.441405666
	8.123947098	1.068039721	7.888437411	48513.78	0.092898323	0.408915055	0.498186622
	8.182169288	1.024657061	8.279244838	54359.77	0.092926896	0.444018579	0.463054525
	8.192546568	1.017183526	8.350276764	55424.36	0.092962962	0.4502469	0.456790137
	8.244740584	0.980750327	8.713693729	60880.1	0.092988028	0.4817164	0.425295572
	8.143302408	1.053414993	8.016327714	50423.83	0.09325778	0.420264124	0.486478096
	8.206452205	1.007355886	8.445545126	56852.33	0.093348338	0.458284032	0.44836763
	8.152401958	1.046643777	8.076883022	51328.88	0.093503917	0.42552899	0.480967094
	8.270973642	0.963303431	8.898744425	63661.58	0.093574787	0.497007018	0.409418195
	8.160676004	1.040512104	8.132431487	52159.83	0.093578481	0.430452997	0.475968523
	8.154131322	1.045369753	8.088380872	51500.71	0.093586366	0.426496885	0.479916749
	8.137843242	1.0576162	7.979322395	49869.74	0.09376941	0.416501353	0.489729237
	8.167111527	1.035849846	8.175247549	52799.74	0.094055029	0.43389931	0.47204566
	8.191380738	1.01822716	8.34057317	55276.41	0.0940824	0.448517619	0.457399981
	8.157651727	1.042842124	8.111361175	51843.5	0.094100553	0.428149803	0.477749644
	8.187985939	1.020679675	8.317206206	54926.01	0.094150281	0.446407082	0.459442637
	8.136499371	1.058697369	7.969904345	49728.27	0.094170463	0.415322973	0.490506564
	8.243929458	0.981607575	8.705257645	60749.45	0.094560525	0.479785954	0.425653521
	8.225976354	0.993927342	8.579292855	58857.05	0.094585974	0.468930211	0.436483815
	8.220467135	0.997763324	8.540787503	58278.78	0.094640554	0.46555608	0.439803367
	8.181958268	1.025141844	8.275123791	54294.09	0.094774103	0.442198477	0.46302742
	8.193776858	1.016640057	8.355950749	55505.39	0.094813974	0.44929296	0.455893066
	8.223964942	0.995382087	8.564733527	58637.68	0.094915359	0.467414731	0.43766991
	8.206319716	1.007745836	8.442145632	56797.74	0.09495962	0.456727515	0.448312866
	8.212830517	1.00316967	8.487146456	57472.83	0.095010524	0.460609308	0.444380167
	8.166528145	1.036449884	8.169951747	52718.47	0.095069987	0.432617207	0.472312806
	8.15088265	1.048053077	8.064572514	51141.59	0.095176928	0.423079135	0.481743938
	8.260321411	0.97069208	8.820035702	62473.46	0.095217251	0.489074596	0.415708153
	8.231999669	0.989900135	8.62028073	59471	0.095296119	0.471913742	0.432790139
	8.221876831	0.996905869	8.549547641	58408.78	0.095322428	0.465781784	0.438895789
	8.130155662	1.063701779	7.926444437	49076.85	0.09543954	0.410332368	0.494228092
	8.180301839	1.026461832	8.262868591	54109.08	0.095483211	0.440549207	0.463967582
	8.188965695	1.02024528	8.321707779	54990.26	0.095716996	0.445562505	0.458720499
	8.210660262	1.004826396	8.470993283	57228.84	0.095761823	0.458611345	0.445626832
	8.145935898	1.051872071	8.030589955	50632.09	0.095970343	0.419367312	0.484662344
	8.210830892	1.004747666	8.471826879	57240.84	0.096002344	0.458493886	0.44550377
	8.256231757	0.973608129	8.789418347	62010.75	0.096201646	0.48570491	0.418093444
	8.20159026	1.011361795	8.407285794	56271.64	0.096524158	0.452440146	0.451035696
	8.200376336	1.012248555	8.398721528	56142.91	0.096676928	0.451567699	0.451755373
	8.238448021	0.985739352	8.663208377	60112.62	0.096764243	0.474459118	0.428776639
	8.176830684	1.029194698	8.237555141	53727.42	0.096816473	0.437233005	0.465950521
	8.120455915	1.071308902	7.861106437	48099.14	0.09695603	0.403090092	0.499953878
	8.238901135	0.985513304	8.665655244	60148.33	0.097253788	0.474283897	0.428462316
	8.167515411	1.036074004	8.173868629	52773.02	0.097327727	0.431143907	0.471528366
	8.224605478	0.995355903	8.56560236	58645.57	0.09732789	0.465590373	0.437081737
	8.2447587	0.981546871	8.706640859	60763.91	0.097365853	0.477715498	0.424918649
	8.13742777	1.058468967	7.97250125	49761.7	0.097416692	0.412908304	0.489675004
	8.173621	1.031639869	8.214919416	53387.19	0.097540569	0.434632808	0.467826623
	8.197979521	1.014095532	8.381061397	55876.4	0.097578376	0.44929544	0.453126184
	8.179642265	1.027287969	8.255581599	53995.81	0.097714009	0.438106937	0.464179054
	8.167941528	1.035822732	8.176262844	52808.14	0.097754879	0.431009573	0.471235548
	8.202933187	1.01063487	8.414661743	56379.54	0.097945539	0.451947881	0.45010658
	8.281446845	0.957250476	8.965954523	64662.36	0.097959441	0.499308177	0.402732382
	8.261870235	0.970160029	8.826469216	62563.8	0.098032925	0.487428835	0.41453824
	8.155822611	1.044802907	8.094387894	51582.61	0.09809276	0.42338771	0.47851953
	8.263615695	0.969058019	8.838307843	62741.07	0.098385751	0.48815867	0.413455579
	8.275549679	0.961184824	8.923119524	64016.76	0.098419283	0.495328587	0.40625213
	8.139844025	1.056781205	7.987520381	49984.58	0.098460675	0.413409503	0.488129823
	8.216662632	1.001069527	8.508779654	57790.34	0.098524455	0.459701342	0.441774203
	8.252508549	0.976507493	8.759508765	61556.01	0.098538235	0.481317179	0.420144586
	8.135257516	1.060261928	7.956972407	49527.97	0.098665101	0.41045479	0.490880108
	8.194569613	1.016714482	8.356118805	55500.23	0.09884716	0.44607528	0.45507756
	8.145502545	1.052594633	8.024665593	50538.98	0.098933659	0.41639026	0.484676081
	8.156331379	1.044535116	8.096950159	51619.66	0.098935204	0.422922672	0.478142124
	8.190036419	1.019975805	8.324956111	55032.98	0.098977053	0.443221039	0.457801908
	8.228730996	0.992777963	8.592000126	59038.52	0.099053061	0.466498655	0.434448284
	8.176314446	1.029912903	8.231309475	53629.85	0.099220115	0.434718827	0.466061058
	8.124178663	1.068737232	7.883505696	48430.34	0.099302501	0.403185995	0.497511504
	8.145536036	1.052637716	8.024368972	50533.76	0.099510745	0.415881626	0.484607628
	8.214331663	1.002850035	8.491348416	57526.94	0.099546084	0.457358679	0.443095237
	8.148797742	1.050229047	8.04587833	50854.94	0.099738093	0.417641311	0.482620596
	8.165421289	1.037942999	8.157132609	52518.68	0.099814366	0.427601617	0.472584017
	8.149464968	1.049760076	8.050108358	50917.85	0.099984812	0.417817804	0.482197384
	8.142573172	1.054950717	8.003966846	50227.81	0.100373381	0.413303395	0.486323224
	8.135233216	1.060475332	7.955348281	49501.5	0.100446014	0.408808102	0.490745884
	8.182262088	1.025774147	8.270319063	54212.02	0.100535058	0.437102463	0.462362479
	8.209514939	1.006379663	8.456780918	57006.52	0.100648207	0.453442412	0.445909381
	8.244974653	0.981929161	8.70347107	60709.61	0.100735829	0.474757556	0.424506615

Table 4f: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 6

SPGSINTR 6							
	8.128055301	1.065933687	7.907877195	48792.45	0.100744596	0.40420352	0.495051884
	8.133444	1.061868667	7.94322467	49319.98	0.10088511	0.40732615	0.49178874
	8.226813544	0.994396029	8.576091102	58796.01	0.101100877	0.4634651	0.435434023
	8.140190783	1.056820775	7.987549429	49981.59	0.101199515	0.411108857	0.487691628
	8.247874178	0.98004366	8.723174201	61004.71	0.101258465	0.476028109	0.422713426
	8.134873802	1.060832851	7.952328382	49455.42	0.101339731	0.40777224	0.490888029
	8.220210337	0.999018246	8.529801892	58100.65	0.101479104	0.459134296	0.4393866
	8.126452894	1.067220914	7.896837645	48626.89	0.101535981	0.402511447	0.495952572
	8.21162667	1.005016827	8.47034978	57208.59	0.101557886	0.453882946	0.444559168
	8.155379026	1.045561896	8.088087802	51483.42	0.101784505	0.419736951	0.478478543
	8.134329117	1.061289198	7.94839571	49396.18	0.101848272	0.406977565	0.491174162
	8.214795143	1.002843813	8.491863259	57530.77	0.101899906	0.45548129	0.442618804
	8.13271387	1.06251808	7.937682589	49236.12	0.101968829	0.405892491	0.49213868
	8.141780252	1.055711264	7.997449616	50128.54	0.102077523	0.411263295	0.486659182
	8.196231243	1.015973862	8.363845716	55610.71	0.102284288	0.443928084	0.453787628
	8.217692109	1.000894028	8.511300157	57821.51	0.102462459	0.456713719	0.440823822
	8.217006006	1.00137388	8.506536441	57750.01	0.102479877	0.456283781	0.441236342
	8.283026587	0.956935714	8.970554504	64722.23	0.102483076	0.496115898	0.401401026
	8.188376341	1.021607478	8.310034835	54804.15	0.102511177	0.438980725	0.458508097
	8.276060067	0.961496607	8.920756866	63972.79	0.102607621	0.491798353	0.405594026
	8.140860727	1.056448026	7.991001836	50031.68	0.102631615	0.410200709	0.487167676
	8.131852035	1.063229123	7.931563617	49144.09	0.102710568	0.404692754	0.492596679
	8.217103748	1.001334644	8.506967369	57756.12	0.102717549	0.456124953	0.441157497
	8.237848835	0.987044497	8.651146178	59920.2	0.102744537	0.468617251	0.428638212
	8.163161777	1.039934157	8.139341427	52248.63	0.102885547	0.423423861	0.473690591
	8.189107489	1.021146554	8.314501819	54870.31	0.103093835	0.438887934	0.458018231
	8.180406959	1.027410022	8.255345154	53984.27	0.103179418	0.433559839	0.463260743
	8.156209542	1.045088696	8.092544647	51548.42	0.103290027	0.418858405	0.477851568
	8.150600802	1.049242324	8.055163237	50989.64	0.103308593	0.415457228	0.481234179
	8.278634674	0.959931407	8.937984529	64230.42	0.103460908	0.492569852	0.403969241
	8.192472629	1.018784323	8.337083552	55208.09	0.103500405	0.440545789	0.455953806
	8.280000283	0.959046659	8.947653996	64375.81	0.103503231	0.493355039	0.403141731
	8.255363416	0.975314911	8.773146714	61751.79	0.103512148	0.478481642	0.41800621
	8.153535003	1.047086624	8.074549135	51279.16	0.103535055	0.417020116	0.479444829
	8.183788904	1.025009181	8.277980777	54322.78	0.103542336	0.435267836	0.461189827
	8.248218681	0.980135228	8.722710737	60993.64	0.103692665	0.474005275	0.42230206
	8.178406765	1.028908316	8.24137975	53774.57	0.103724194	0.431853744	0.464422062
	8.270140991	0.965550451	8.877172988	63315.09	0.103848868	0.487089464	0.409061667
	8.249350155	0.979413444	8.730294236	61107.06	0.104019237	0.474388706	0.421592057
	8.176996013	1.029956648	8.231621612	53628.17	0.104021894	0.430729722	0.465248384
	8.207252231	1.008379674	8.43776391	56716.34	0.10407272	0.448938936	0.446988345
	8.239202219	0.986303156	8.659020865	60036.2	0.10421455	0.468086729	0.427698721
	8.169725208	1.035255923	8.182462338	52892.28	0.10423381	0.426148514	0.469617676
	8.221259244	0.998637338	8.534105737	58160.96	0.104362441	0.457124892	0.438512667
	8.223068043	0.997390594	8.546586946	58348.16	0.104409643	0.458173017	0.43741734
	8.153193583	1.047410692	8.071724908	51236.12	0.104439931	0.415984886	0.479575183
	8.141863784	1.055848116	7.996492158	50111.95	0.104639892	0.408965545	0.486394563
	8.180825947	1.027249911	8.257039739	54007.96	0.104686139	0.432431888	0.462881973
	8.239173555	0.986395509	8.658181096	60022.67	0.104847782	0.467489141	0.427663077
	8.156475344	1.045017202	8.093352642	51559.05	0.104848562	0.417590543	0.477560895
	8.17419809	1.032061302	8.212124089	53335.44	0.104910318	0.42822738	0.466862303
	8.24515715	0.982358716	8.699851082	60648.24	0.105015484	0.470945799	0.424038717
	8.2787335	0.960074229	8.936757838	64209.25	0.105057407	0.49116645	0.403776143
	8.227322893	0.994531488	8.575435151	58780.13	0.10511441	0.460094432	0.434791158
	8.135612792	1.06057357	7.954969294	49491.47	0.105361134	0.404532918	0.490105948
	8.20320599	1.011356493	8.408927456	56282.49	0.105365279	0.445313043	0.449321678
	8.163330895	1.040017655	8.138850569	52238.87	0.10537441	0.421245112	0.473380478
	8.153305781	1.047394312	8.071958261	51238.84	0.105383937	0.415187497	0.479428566
	8.15082934	1.049232128	8.055459325	50992.22	0.105468148	0.413616108	0.480915744
	8.140164324	1.057171125	7.984877297	49937.9	0.105499879	0.407152045	0.487348076
	8.258314776	0.973589448	8.791726521	62027.88	0.105530733	0.478412585	0.416056682
	8.271841089	0.964657489	8.887152772	63462.24	0.10566003	0.486455512	0.407884458
	8.170393537	1.034890707	8.18599575	52943.71	0.105758457	0.425154581	0.469086962
	8.246638689	0.98144221	8.709484872	60791.89	0.105766608	0.471151392	0.423082001
	8.18398635	1.025073133	8.277656951	54315.48	0.105840049	0.433281349	0.460878602
	8.192183607	1.019219508	8.333240224	55147.77	0.105950555	0.438126087	0.455923358
	8.265376436	0.968952533	8.84108719	62769.18	0.105965447	0.48227503	0.411759524
	8.137879778	1.058910212	7.969605992	49709.56	0.106054369	0.405265477	0.488680154
	8.264424335	0.969606178	8.834145159	62664.51	0.106176766	0.481506905	0.412316329
	8.172054487	1.033714612	8.196916031	53106.73	0.106189098	0.425762115	0.468048787
	8.179169436	1.02857397	8.244800154	53823.2	0.10629207	0.429960721	0.463747209
	8.260838908	0.972025963	8.808464617	62277.96	0.106566656	0.47898626	0.414447084
	8.138471321	1.058495985	7.973283633	49764.13	0.106655102	0.405071887	0.488273011
	8.273859294	0.963463778	8.900258509	63657.63	0.106791432	0.486636427	0.406572141
	8.268704126	0.9668553	8.863706403	63107.95	0.106847411	0.483474638	0.409677951
	8.143853672	1.054491325	8.008668124	50292.33	0.106910018	0.408085849	0.485004133
	8.176846193	1.030299302	8.228738549	53582.24	0.10698815	0.427921052	0.465090798
	8.21153114	1.005665565	8.46479071	57118.11	0.107062882	0.448780534	0.444156584
	8.265284054	0.969135451	8.839323173	62741.09	0.107071404	0.481205791	0.411722805
	8.194442026	1.017703999	8.347868758	55365.8	0.107097109	0.438438055	0.454464836
	8.214708937	1.003456223	8.486594768	57444.97	0.107138547	0.450628592	0.442232861
	8.14079435	1.056793072	7.98832994	49988.39	0.107425941	0.405767145	0.486806914
	8.212852975	1.004773387	8.473622488	57250.16	0.107427716	0.449243761	0.443328524
	8.154998416	1.046264996	8.08228875	51391.84	0.107468063	0.414298896	0.47823304
	8.186182493	1.023622858	8.291530241	54521.71	0.107527347	0.433060205	0.459412448
	8.281680262	0.958465506	8.954832069	64477.08	0.107715937	0.490508175	0.401775889
	8.212008217	1.005392948	8.467560493	57158.89	0.107806857	0.448386612	0.443806531
	8.222035657	0.998450704	8.536478577	58192.22	0.108035689	0.454227199	0.437737112
	8.201826305	1.012563793	8.397538759	56108.96	0.108243992	0.441842529	0.449913479
	8.145946962	1.052990599	8.022070056	50491.84	0.108263711	0.408108362	0.483627927
	8.141516349	1.056290286	7.99281585	50054.96	0.108443836	0.405269982	0.486286182
	8.217387302	1.00170768	8.504082443	57705.84	0.108544115	0.450956585	0.4404993
	8.201264295	1.012988966	8.393459328	56047.48	0.108674823	0.441108614	0.450216563
	8.201548431	1.012794028	8.395355413	56075.82	0.108754733	0.441206825	0.450038442
	8.173587271	1.032773467	8.205869859	53238.68	0.109100245	0.424019184	0.466880571
	8.211753807	1.005667952	8.464992033	57119.19	0.109142833	0.44700882	0.443848346
	8.207016871	1.008981227	8.432500067	56632.11	0.109189639	0.444107788	0.446702573
	8.150146886	1.049916831	8.049555953	50901.94	0.109388286	0.409611924	0.48099979
	8.181240362	1.027275894	8.257234305	54007.01	0.109455305	0.428311477	0.462233218
	8.134511353	1.061544815	7.94665343	49365.7	0.109521544	0.400055745	0.490422711

Table 4g: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 7

SPGSINTR 7							
	8.24044906	0.985978968	8.663132509	60091.36	0.109541823	0.463957133	0.426501044
	8.260015118	0.972873211	8.799946812	62146.09	0.109656001	0.475658135	0.414685864
	8.1662413	1.038136807	8.156399654	52498.42	0.109967876	0.418791725	0.471240398
	8.252662991	0.977797431	8.748110915	61366.99	0.109990883	0.470915173	0.419093944
	8.263657426	0.970520202	8.825035065	62522.34	0.110348095	0.477221572	0.412430333
	8.21916161	1.000604136	8.515234641	57871.53	0.110369441	0.450354428	0.439276131
	8.164238006	1.039608437	8.142926798	52296.85	0.110387451	0.417198495	0.472414054
	8.253777693	0.97719182	8.755324063	61474.49	0.110840973	0.470808734	0.418350294
	8.231655136	0.992052955	8.601226866	59161.04	0.110874701	0.457429668	0.431695632
	8.280097861	0.959805991	8.940676897	64260.07	0.110967375	0.486573783	0.402458843
	8.266040441	0.969011922	8.841230575	62764.9	0.111139634	0.477934055	0.410926312
	8.171861971	1.034099946	8.193675473	53055.35	0.111287232	0.420974032	0.467738736
	8.230078884	0.993162039	8.590034596	58992.71	0.111398725	0.455998384	0.432602891
	8.259324363	0.97347938	8.793757656	62051.2	0.111517927	0.473535086	0.414946987
	8.231342174	0.992309609	8.598686829	59122.39	0.111572045	0.456601789	0.431826165
	8.220973245	0.999425836	8.527086583	58048.36	0.111631404	0.450291059	0.438077537
	8.176231613	1.030960377	8.222865972	53491.79	0.111770679	0.423167527	0.465061795
	8.233622929	0.990778168	8.614279758	59356.06	0.111967893	0.457615182	0.430416926
	8.232482089	0.991561105	8.606327373	59236.67	0.11207388	0.456829702	0.431096417
	8.154427381	1.046811886	8.077520787	51319.12	0.112094414	0.409714768	0.478190818
	8.269961016	0.966509433	8.868178745	63168.95	0.112115144	0.479405668	0.408479189
	8.172877639	1.033385846	8.200320399	53154.49	0.112147952	0.420798097	0.467053952
	8.174808822	1.031994238	8.213249555	53347.84	0.112187808	0.421926796	0.465885396
	8.212644305	1.005227115	8.469590173	57185.92	0.112389735	0.444570666	0.443039599
	8.240296734	0.986278151	8.660350145	60047.12	0.11243162	0.461217018	0.426351363
	8.242995943	0.984456678	8.679115625	60328.79	0.112436217	0.462841435	0.424722348
	8.147664368	1.051788591	8.032870702	50652.32	0.112512758	0.405250777	0.482236465
	8.16998735	1.035481027	8.180936704	52864.56	0.11257841	0.418659703	0.468761888
	8.211048445	1.006346564	8.4585829	57020.82	0.11263062	0.443387021	0.443982359
	8.144424974	1.054179381	8.011579923	50334.51	0.112863538	0.402974759	0.484161703
	8.239257019	0.987008655	8.652887055	59934.76	0.112932825	0.460130377	0.426936798
	8.176000211	1.031150353	8.22112661	53465.5	0.112969531	0.421929279	0.46510119
	8.214468866	1.003984587	8.481889432	57369.98	0.112971318	0.445138596	0.441890086
	8.189949656	1.021185094	8.315012723	54870.29	0.112978599	0.43033769	0.456683711
	8.144354566	1.054229259	8.011134094	50327.88	0.113090702	0.402724104	0.484185194
	8.265553342	0.969477904	8.836478584	62691.61	0.113184118	0.475766589	0.411049293
	8.279644277	0.960273522	8.935851582	64185.24	0.113203147	0.484251243	0.40254561
	8.156221537	1.045499407	8.089377065	51496.2	0.113232275	0.409754579	0.477013146
	8.181822177	1.026980754	8.260173852	54049.55	0.113281174	0.425156507	0.461562319
	8.237257669	0.988380787	8.63885172	59723.89	0.113301114	0.458586523	0.428112362
	8.238227914	0.987725357	8.64556655	59824.64	0.113332822	0.459142887	0.427524292
	8.271061128	0.965881174	8.875086032	63271.56	0.113455858	0.478840817	0.407703325
	8.266418259	0.968929509	8.842372507	62779.9	0.113510531	0.475989333	0.410500137
	8.173984232	1.032607066	8.207576629	53262.78	0.11352162	0.420206957	0.466271423
	8.257319691	0.974951271	8.77842548	61819.05	0.113721805	0.47030589	0.415972306
	8.142481192	1.055605563	7.998914443	50145.62	0.113742533	0.400996424	0.485261044
	8.253110391	0.977753431	8.748962175	61376.52	0.113779164	0.467713547	0.418507289
	8.168207429	1.036777934	8.168986375	52685.79	0.113910452	0.416365064	0.469724484
	8.247348526	0.981613623	8.708687123	60771.67	0.113962817	0.464068692	0.421968491
	8.15531445	1.046158425	8.083414177	51407.19	0.113982685	0.408519592	0.477497723
	8.265139875	0.969811424	8.833013365	62638.74	0.114205689	0.474580948	0.411213363
	8.162547735	1.040881139	8.131346423	52123.27	0.114237342	0.412650595	0.473112063
	8.173202032	1.033173715	8.202318065	53184.11	0.114284092	0.41903627	0.466679638
	8.172166449	1.033919523	8.195399792	53080.67	0.114446672	0.41826244	0.467290888
	8.262297859	0.971698461	8.812934873	62336.9	0.114470913	0.472623101	0.412905986
	8.177635118	1.02998957	8.231979001	53627.65	0.114569656	0.421449385	0.463980959
	8.184270384	1.025249065	8.27651355	54293.83	0.114782826	0.425257578	0.459959596
	8.156833965	1.045037104	8.093541682	51558.57	0.114800384	0.408687089	0.476512527
	8.168784182	1.036358163	8.172851697	52743.61	0.114808038	0.415890515	0.469301447
	8.267431603	0.968339895	8.848803028	62875.54	0.114828972	0.475392539	0.409778489
	8.159587228	1.043028276	8.111769175	51830.86	0.114879478	0.410275852	0.47484467
	8.245555808	0.982862121	8.695800784	60577.64	0.114986183	0.462049203	0.422964614
	8.248456703	0.980934838	8.715843053	60878.29	0.115377977	0.463440486	0.421181537
	8.219503877	1.000591394	8.515685147	57875.52	0.115851951	0.445536778	0.438611271
	8.15218278	1.048410629	8.063062254	51103.74	0.115955137	0.404822473	0.479222389
	8.221061821	0.999530924	8.526278681	58034.19	0.116438932	0.445938891	0.437622177
	8.222311077	0.998675813	8.534830178	58162.35	0.116573336	0.446569491	0.436857173
	8.183927482	1.025485632	8.274269877	54260.35	0.116774381	0.423225622	0.459999997
	8.257929811	0.974688624	8.781416951	61862.16	0.116857723	0.467800268	0.415342009
	8.242620617	0.984895522	8.674867354	60262.66	0.116865012	0.458556431	0.424578557
	8.226354458	0.995913674	8.562561264	58578.05	0.116869979	0.448737315	0.434392706
	8.181024433	1.027550332	8.254818822	53969.44	0.116925182	0.421335805	0.461739012
	8.183645968	1.025681398	8.272416149	54232.68	0.117094494	0.422762413	0.460143093
	8.199990549	1.014145919	8.382627965	55882.05	0.117493391	0.432258746	0.450247863
	8.2296252	0.993693948	8.584979918	58914.1	0.117520823	0.450114361	0.432364816
	8.172100669	1.033918482	8.195344415	53080.41	0.117652078	0.415285319	0.467062603
	8.183606454	1.025699642	8.272230483	54230.02	0.117654421	0.422225454	0.460120124
	8.215013988	1.003705228	8.484793286	57412.29	0.1178333	0.441011994	0.441154706
	8.188715631	1.022073509	8.306577701	54743.89	0.117892029	0.42509045	0.45701752
	8.201804056	1.012872633	8.394956254	56066.7	0.118126958	0.432772367	0.449100675
	8.172769744	1.033423017	8.199921036	53149	0.118148373	0.415234217	0.46661741
	8.267648907	0.9683408	8.849019167	62876.92	0.118311989	0.472331822	0.409356189
	8.279642022	0.96055465	8.933233955	64142.2	0.118639933	0.479267619	0.402092448
	8.24375575	0.984169553	8.682419731	60375.54	0.118733217	0.457529319	0.423737463
	8.163855298	1.039810714	8.140974678	52268.56	0.118862247	0.409201287	0.471936466
	8.190961189	1.020463976	8.321879835	54973.13	0.119004955	0.425425477	0.455569568
	8.206705014	1.009446951	8.428300664	56566.16	0.119138351	0.434802635	0.446059014
	8.180128286	1.028130195	8.249291498	53887.49	0.119193391	0.418716511	0.462090098
	8.278056569	0.961597062	8.921901177	63971.65	0.119216608	0.477782535	0.403000857
	8.15361904	1.047213896	8.073648055	51263.5	0.11925744	0.402662848	0.478079712
	8.262233827	0.97191792	8.810879028	62303.72	0.119426237	0.468043413	0.41253035
	8.173062193	1.03315429	8.202336924	53185.81	0.119658794	0.414026525	0.466314681
	8.222047304	0.99886587	8.532942164	58133.94	0.119868667	0.4433905	0.436740833
	8.26176428	0.972235079	8.807521816	62253.2	0.119951354	0.467278884	0.412769762
	8.210859699	1.006555098	8.456642971	56990.8	0.119960446	0.436556093	0.443483461
	8.188815877	1.021943207	8.307734922	54761.92	0.120082792	0.423143324	0.456773884
	8.171464696	1.034277436	8.191885267	53029.87	0.120090215	0.412667285	0.4672425
	8.20012098	1.014009716	8.383882555	55901.39	0.1201204	0.429930056	0.449949543
	8.236035746	0.989365487	8.629018549	59574.37	0.120188779	0.451537401	0.42827382
	8.247432586	0.981725288	8.707782194	60755.95	0.120567004	0.458067344	0.421365652

Table 4h: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 8

SPGSINTR 8							
	8.230439316	0.993144631	8.590548081	58997.55	0.120725505	0.44766881	0.431605685
	8.281412499	0.959468767	8.945189443	64321.15	0.120759537	0.478393475	0.400846988
	8.193585108	1.018553531	8.340064848	55246.01	0.120996862	0.425183298	0.45381984
	8.236740494	0.98888588	8.633916264	59647.88	0.120999103	0.451220047	0.42778085
	8.228273393	0.994605525	8.575752466	58775.84	0.12130053	0.445834998	0.432864472
	8.255348581	0.976473301	8.762723943	61580.5	0.121407246	0.462073646	0.416519108
	8.218282391	1.00141626	8.507451023	57752.29	0.121407854	0.439708344	0.438883802
	8.186935694	1.023198206	8.29570755	54582.89	0.121704759	0.420522504	0.457772737
	8.260807746	0.972877361	8.800724002	62150.95	0.121749709	0.465053727	0.413196564
	8.258727157	0.974245307	8.786231234	61933.37	0.12185055	0.463705945	0.414443505
	8.265778584	0.969621487	8.835402365	62671.65	0.122034025	0.467792451	0.410173524
	8.187390281	1.022855443	8.298931908	54631.38	0.122126668	0.420410153	0.457463179
	8.257906763	0.974783804	8.780535865	61847.9	0.122359283	0.462744739	0.414895978
	8.202247574	1.012447539	8.398919094	56127.45	0.122370314	0.429151368	0.448478318
	8.190896004	1.020376211	8.322531729	54984.5	0.122376443	0.422296518	0.455327038
	8.19931858	1.014478788	8.379215096	55832.64	0.122512421	0.427253865	0.450233714
	8.234225278	0.990552927	8.616846651	59392.26	0.122698307	0.448145285	0.429156408
	8.216764911	1.002411868	8.49748748	57603.58	0.122841873	0.437478603	0.439679523
	8.220801452	0.999637481	8.525109359	58017.56	0.12324614	0.439543674	0.437210186
	8.261586902	0.972359894	8.806208842	62233.38	0.12327225	0.464128594	0.412599156
	8.274952497	0.963659153	8.899588471	63635.68	0.123470213	0.472011623	0.404518164
	8.266439558	0.969185832	8.840055919	62741.58	0.123494957	0.466852469	0.409652575
	8.241318838	0.985764116	8.665903016	60128.23	0.123848115	0.451371666	0.424780219
	8.192387521	1.019228055	8.333370405	55147.87	0.124085487	0.421630294	0.454284219
	8.168882925	1.035841876	8.177020561	52811.19	0.124154433	0.407385069	0.468460498
	8.272259226	0.96539504	8.880796214	63353.51	0.124464816	0.469475122	0.406060062
	8.171944338	1.0336272	8.197502666	53117.48	0.124507655	0.408908551	0.466583793
	8.182980117	1.025805774	8.270764043	54212.16	0.124513495	0.415561893	0.459924612
	8.219995258	1.00013353	8.520074963	57942.81	0.124518101	0.437891615	0.437590284
	8.207930314	1.00840484	8.438225772	56717.16	0.124524578	0.430606017	0.444869406
	8.185041111	1.024341267	8.284600822	54419.15	0.124672748	0.416659502	0.45866775
	8.239369243	0.987039446	8.652730819	59931.06	0.124763507	0.449356468	0.425880025
	8.23338116	0.991054417	8.611634643	59314.97	0.12482513	0.445686948	0.429487921
	8.163058507	1.039939308	8.139201808	52247.37	0.124908777	0.403179491	0.471911731
	8.174582589	1.031679746	8.215533953	53387.68	0.125300015	0.409774283	0.464925701
	8.185277396	1.024122873	8.286598228	54449.64	0.125320929	0.416208078	0.458470993
	8.185300242	1.024084581	8.286930389	54454.87	0.12558496	0.415979905	0.458435135
	8.191272816	1.019892521	8.326848202	55051.74	0.125652375	0.419521816	0.454825808
	8.167077351	1.03696644	8.166411575	52654.74	0.125857953	0.404734531	0.469407516
	8.270759311	0.966339274	8.870566411	63200.24	0.126062817	0.467105708	0.406831475
	8.277289786	0.962120634	8.91624904	63886.35	0.12624817	0.470876164	0.402875666
	8.244210626	0.983753194	8.686556821	60439.04	0.12625685	0.450909132	0.422834018
	8.23281753	0.991357708	8.608431503	59267.92	0.126465873	0.443843295	0.429690832
	8.278512217	0.961324317	8.924906461	64016.53	0.126750011	0.47115386	0.402096129
	8.187750405	1.022261206	8.304108329	54712.92	0.126757863	0.41638342	0.456858716
	8.231751389	0.992057352	8.601285765	59161.05	0.126779597	0.442912517	0.430307886
	8.272642842	0.965097299	8.883933505	63401.27	0.126999998	0.467383348	0.405616653
	8.250176215	0.979763073	8.72802195	61061.42	0.127131071	0.453707473	0.419161456
	8.171193297	1.033873859	8.194820493	53080.87	0.127347046	0.40585338	0.466799575
	8.169897248	1.034791089	8.186304204	52953.75	0.127374823	0.405045923	0.467579254
	8.21394338	1.004078334	8.48057416	57353.6	0.127526283	0.43148338	0.440990337
	8.242629163	0.984743731	8.676213197	60284.72	0.127529876	0.44878832	0.423681804
	8.272413894	0.965217469	8.882590254	63381.47	0.127881934	0.466437002	0.405681064
	8.185403801	1.023760554	8.289654413	54498.64	0.128198018	0.413647787	0.458154195
	8.181557646	1.026403706	8.264560027	54124.34	0.128684575	0.410881239	0.460434186
	8.262411007	0.971669164	8.813317043	62342.05	0.128689794	0.459661206	0.411648999
	8.202592178	1.011744045	8.405099701	56225.67	0.128943078	0.423336021	0.447720902
	8.278738278	0.961111421	8.927118631	64050.65	0.128993585	0.469234251	0.401772164
	8.186944796	1.022559985	8.300894142	54668.11	0.129305797	0.413562414	0.457131789
	8.168695103	1.035393642	8.180379082	52868.31	0.12938617	0.402477386	0.468136445
	8.249264713	0.980234273	8.722896495	60986.23	0.129554674	0.45093651	0.419508816
	8.187482837	1.022142082	8.304814352	54727.21	0.129670767	0.413552596	0.456776637
	8.184447173	1.02423539	8.284877335	54429.63	0.129895336	0.411515163	0.458589501
	8.268977653	0.967342265	8.859527131	63036.48	0.130059155	0.462368464	0.407572381
	8.214354544	1.003563424	8.485335088	57427.8	0.130243127	0.429241753	0.44051512
	8.225299795	0.996142454	8.559535993	58538.84	0.130355806	0.435742565	0.433901629
	8.23642293	0.988682007	8.63537544	59675.06	0.130446042	0.442371274	0.427182683
	8.179065297	1.027885724	8.250219347	53913.38	0.130819723	0.407420776	0.461759501
	8.205393594	1.009617088	8.425581428	56534.55	0.130889403	0.42324271	0.445867887
	8.220172919	0.99954117	8.525301972	58027.01	0.131016993	0.432043235	0.436939772
	8.225263902	0.996097741	8.559884179	58544.93	0.13111254	0.435027438	0.433860022
	8.225944242	0.995611354	8.564749283	58618.15	0.131416243	0.435159624	0.433424133
	8.22653756	0.995196201	8.568918313	58680.79	0.131587462	0.435360712	0.433051826
	8.19769062	1.014825126	8.374751271	55775.49	0.131640771	0.417906389	0.45045284
	8.26094788	0.972443732	8.804792494	62216.47	0.131735986	0.455986868	0.412277146
	8.253571998	0.97725395	8.753906177	61453.22	0.131745727	0.451527532	0.41672674
	8.173421019	1.03166729	8.214507232	53382.41	0.132096566	0.402845073	0.465058361
	8.184752771	1.023689938	8.289590283	54504.1	0.132401572	0.409402841	0.458195587
	8.177118708	1.029000223	8.239391895	53754.75	0.132560414	0.40465109	0.462788496
	8.179621212	1.027244527	8.255910235	54001.43	0.132585018	0.406138486	0.461276496
	8.280837038	0.959582057	8.943533659	64299.67	0.132782812	0.467028143	0.400189045
	8.258985539	0.973642034	8.791940604	62024.7	0.132783794	0.453842634	0.413373571
	8.24968814	0.979686857	8.728202766	61069.28	0.133116827	0.447927642	0.418955531
	8.171379517	1.032934113	8.202456283	53204.6	0.133168549	0.400630921	0.46620053
	8.226669654	0.994936218	8.571290189	58718.48	0.133255528	0.4339118	0.432832672
	8.253811321	0.976973241	8.756666359	61496.23	0.133285367	0.45026101	0.416453623
	8.230187369	0.992541125	8.595517655	59081.81	0.133641531	0.435680563	0.430677907
	8.251820511	0.978240007	8.743291875	61296.15	0.133676934	0.448700977	0.417622089
	8.2449728	0.982716918	8.696492378	60594.84	0.133853839	0.444407136	0.421739025
	8.21354808	1.003673496	8.483601	57407.34	0.134135732	0.425187977	0.440676292
	8.254830488	0.976225685	8.764415861	61613.51	0.13421273	0.450026113	0.415761157
	8.222164856	0.997794588	8.542221367	58285.39	0.134664253	0.429902772	0.435432975
	8.242664144	0.984124461	8.681708333	60374.75	0.134953906	0.442006055	0.423040039
	8.250819228	0.97874963	8.737716327	61214.45	0.135182308	0.446717307	0.418100385
	8.190627702	1.0191372	8.332386545	55149.29	0.135548474	0.4100638	0.454387726
	8.225734219	0.995255687	8.567598981	58667.12	0.135827665	0.430990281	0.433182054
	8.278229269	0.961005241	8.927575309	64063.25	0.135978011	0.462526609	0.40149538
	8.230302133	0.992185477	8.598714379	59133.24	0.136014105	0.433575584	0.430410311
	8.18799856	1.020851081	8.315822074	54903.12	0.136152431	0.40792398	0.455923589
	8.209215124	1.006319809	8.456985975	57012.89	0.13623329	0.420651387	0.443115323

Table 4i: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 9

SPGSINTR 9							
	8.207339011	1.007592097	8.444445355	56825.38	0.136237908	0.41951516	0.444246933
	8.189631072	1.019588925	8.327717435	55082.45	0.136941051	0.408186305	0.454872645
	8.218141255	1.000178599	8.517837366	57924.54	0.13702795	0.425308949	0.4376631
	8.277408717	0.961383482	8.92320938	63999.65	0.137547358	0.460593363	0.40185928
	8.231477382	0.991160524	8.608791984	59287.25	0.137853045	0.432599496	0.42954746
	8.228376456	0.993184357	8.588127454	58978.36	0.138096882	0.430505028	0.43139809
	8.224634697	0.995625657	8.563310949	58607.58	0.138430611	0.427941522	0.433627867
	8.233807446	0.989453844	8.625995939	59546.93	0.139010613	0.4329446	0.428044787
	8.273654186	0.963615269	8.898646434	63633.17	0.139042241	0.456958071	0.403999689
	8.233502931	0.989636686	8.624094525	59518.7	0.139135675	0.432646257	0.428218068
	8.256460431	0.974619794	8.780529466	61862.25	0.139234052	0.446408044	0.414357904
	8.192008255	1.017512	8.347052071	55376.71	0.139360644	0.407403321	0.453236035
	8.268025982	0.967155706	8.860252099	63057.92	0.13946986	0.453170294	0.407359846
	8.225843928	0.994631372	8.573087035	58756.29	0.139658801	0.427545628	0.432795571
	8.19158728	1.017687869	8.345195942	55350.39	0.139937013	0.406621132	0.453441855
	8.188766871	1.019619623	8.326619137	55073.03	0.139938922	0.404917623	0.455143455
	8.183132618	1.023476567	8.289735478	54522.69	0.140017412	0.401446138	0.45853645
	8.235401097	0.988244837	8.638161485	59731.1	0.140073095	0.432932509	0.426994396
	8.273003519	0.963903164	8.895313582	63584.85	0.140145211	0.455554715	0.404300074
	8.206115024	1.007747833	8.441925787	56796.17	0.14026527	0.415085969	0.444648761
	8.195910849	1.014619807	8.374691858	55792.31	0.140527169	0.40868904	0.450783792
	8.190547409	1.0182288	8.339741321	55271.06	0.140783047	0.405218397	0.453998556
	8.243251276	0.982981581	8.69239957	60544.74	0.140838869	0.436967342	0.422193789
	8.184150719	1.022591741	8.297904013	54646.87	0.140890946	0.401259927	0.457849127
	8.2042988	1.008844685	8.43094712	56633.75	0.140960578	0.413352929	0.445686493
	8.272581899	0.964065699	8.893376562	63557.21	0.141013842	0.454504309	0.40448185
	8.253829442	0.976035025	8.765102293	61634.81	0.141349582	0.442881907	0.415768511
	8.218342532	0.99933747	8.525208134	58043.77	0.141373492	0.421448146	0.437178362
	8.249731883	0.978680884	8.737219064	61217.15	0.141396812	0.440366269	0.41823692
	8.238075142	0.986264486	8.658217602	60034.25	0.141507393	0.433231567	0.42526104
	8.217534804	0.999824888	8.520244188	57970.2	0.141659063	0.420699087	0.43764185
	8.24721416	0.980235468	8.720793962	60972.15	0.141924991	0.438363119	0.41971189
	8.223672576	0.995686935	8.561817645	58592.64	0.141956882	0.424129534	0.433913584
	8.250103908	0.978353556	8.740522528	61267.76	0.141972637	0.440063053	0.41796431
	8.20474776	1.008321781	8.435764567	56708.5	0.142085743	0.412592719	0.445321538
	8.230144919	0.991376944	8.605568614	59247.56	0.142119387	0.427885853	0.42999476
	8.275447094	0.962056855	8.914924773	63882.99	0.142520892	0.454852032	0.402627076
	8.210034482	1.004677954	8.471622013	57245.44	0.14253106	0.415374497	0.442094443
	8.260155914	0.971753833	8.810228492	62313.8	0.142786386	0.445382445	0.411831169
	8.218718863	0.998814006	8.530052843	58119.69	0.142851067	0.420321166	0.436827767
	8.201936327	1.009943598	8.419434245	56468.01	0.143413544	0.409679581	0.446906875
	8.262484709	0.970152631	8.827169899	62569.18	0.143528072	0.446107897	0.410364031
	8.247431446	0.979833738	8.724591229	61032.44	0.143557588	0.436998114	0.419444298
	8.234627489	0.988114773	8.638515596	59744.66	0.143906592	0.428952723	0.427140685
	8.196676374	1.013386565	8.385638862	55964.72	0.143919148	0.406042531	0.450038321
	8.18999226	1.017836137	8.342413229	55320.56	0.144288592	0.401670958	0.45404045
	8.25652639	0.973806284	8.787932391	61983.36	0.144553492	0.441573114	0.413873394
	8.236522702	0.986737115	8.652497172	59955.69	0.144661524	0.429404425	0.425934051
	8.199095717	1.011493897	8.403721595	56237.96	0.145061165	0.406455755	0.44848308
	8.24579234	0.980616068	8.715959291	60906.85	0.145179104	0.434523165	0.42029773
	8.268035997	0.96633544	8.867783413	63181.7	0.145365613	0.447773476	0.406860911
	8.264661894	0.968476338	8.844696511	62835.69	0.145374764	0.445729246	0.40889599
	8.20745652	1.005773123	8.459834248	57077.33	0.145534987	0.41106623	0.443398783
	8.233330988	0.988644677	8.63257405	59659.9	0.145602511	0.426616311	0.427781178
	8.235384338	0.987294924	8.646455608	59867.7	0.145644286	0.427816964	0.42653875
	8.241612463	0.983123229	8.689480223	60513.11	0.146266064	0.431005052	0.422728885
	8.248794837	0.978478201	8.738071245	61240.53	0.146277062	0.435328625	0.418394313
	8.219265585	0.997716467	8.539984314	58277.59	0.146463433	0.417340676	0.436195891
	8.274038558	0.962361081	8.910642917	63826.65	0.146513386	0.450343442	0.403143172
	8.22043406	0.996885858	8.548271987	58402.22	0.146733769	0.417797967	0.435468264
	8.254775968	0.974546366	8.779462583	61861.55	0.146769857	0.438485883	0.414744261
	8.232620815	0.988865435	8.629928706	59623.49	0.146821092	0.425071105	0.428107803
	8.241898344	0.982786914	8.692744698	60563.94	0.147046396	0.430462449	0.422491154
	8.205266389	1.006849328	8.448616434	56914.71	0.147211641	0.40820828	0.444580079
	8.245556996	0.980368952	8.717916222	60941.39	0.147318966	0.432420199	0.420260835
	8.261172182	0.97035947	8.823935707	62529.1	0.147352546	0.441811211	0.410836243
	8.236038049	0.986516906	8.653937291	59984.22	0.14741248	0.426591025	0.425996495
	8.241492474	0.982939568	8.690981768	60539	0.147601117	0.429709212	0.42268967
	8.199893419	1.010295885	8.414476331	56406.88	0.147818521	0.40441023	0.447771249
	8.243748314	0.981430632	8.706642554	60774.04	0.147854472	0.430838152	0.421307376
	8.26717637	0.966424957	8.866072536	63162.15	0.14807191	0.444774758	0.407153332
	8.248089849	0.978549222	8.736716605	61225.3	0.148280124	0.433067651	0.418652226
	8.239338812	0.984068836	8.678819909	60360.5	0.148881621	0.427236298	0.423882081
	8.245296101	0.980181452	8.719317709	60967.05	0.14908978	0.43064001	0.42027021
	8.209348958	1.003582712	8.480184292	57393.13	0.149452547	0.408618029	0.441929424
	8.202265133	1.008274533	8.433697615	56699.33	0.149523888	0.404278462	0.44619765
	8.27407261	0.96180299	8.915848761	63911.94	0.14965172	0.447488023	0.402860257
	8.195811119	1.012519444	8.391965764	56077.44	0.149781674	0.400148048	0.450070278
	8.27292874	0.962481331	8.908376559	63800.47	0.149861326	0.44660576	0.403532914
	8.204319982	1.006769913	8.448342831	56919.67	0.150045143	0.405040625	0.444914231
	8.225137932	0.993033947	8.586167019	58978.5	0.15008476	0.417565313	0.432349927
	8.26340622	0.968384778	8.844236101	62840.68	0.150327139	0.440433257	0.409239605
	8.213046152	1.000804496	8.507419357	57804.13	0.150765038	0.409646052	0.43958891
	8.213166386	1.000671212	8.50867265	57823.55	0.150974758	0.40952641	0.439498832
	8.202913893	1.007389371	8.441752047	56825.33	0.151222241	0.403113538	0.445664221
	8.204650298	1.006169457	8.453712874	57004.7	0.151469729	0.40393444	0.44459583
	8.233500424	0.987251631	8.644926531	59861.38	0.151527856	0.421288565	0.427183579
	8.236024933	0.985598441	8.661988463	60116.78	0.151616379	0.422730665	0.425652957
	8.251720045	0.975519058	8.767575951	61696.59	0.15167193	0.432149767	0.416178303
	8.208798261	1.003361456	8.481505445	57420.37	0.151702115	0.406224252	0.442073633
	8.218281759	0.997056048	8.544654203	58364.24	0.151955505	0.411714134	0.436330361
	8.215051021	0.999163244	8.523400416	58046.95	0.152001444	0.409722695	0.438275861
	8.200810172	1.008495996	8.43040289	56659.69	0.152265347	0.400888308	0.446846345
	8.216757489	0.997946385	8.535503516	58228.96	0.152369672	0.410414888	0.43721544
	8.214972076	0.999059813	8.524203813	58060.95	0.152585143	0.40914016	0.438274697
	8.217092815	0.997643006	8.538435245	58273.83	0.152685078	0.410328177	0.436986745
	8.252233971	0.97494334	8.77328047	61785.28	0.152791455	0.431433924	0.41577462
	8.2190223	0.996260687	8.552219113	58481.26	0.153136106	0.411079055	0.435784839
	8.259256694	0.970413396	8.821471467	62507.73	0.15316121	0.435332404	0.411506386
	8.241699622	0.981579165	8.703237925	60738.53	0.153164425	0.424735992	0.422099583

Table 4j: Sorted MC Simulations results for SPGSINTR for the 1977-2017 period – Part 10

SPGSINTR 10	8.243839003	0.980206947	8.717604398	60953.44	0.1531745	0.426017603	0.420807896
	8.242687315	0.980895471	8.710311099	60844.99	0.153376841	0.425137282	0.421485877
	8.245735729	0.978942241	8.730804293	61151.59	0.153395954	0.426959098	0.419644949
	8.210677793	1.001586809	8.498409828	57679.62	0.153649012	0.405574177	0.440776811
	8.216549187	0.997666196	8.537691876	58267.04	0.153910676	0.40887703	0.437212294
	8.23418419	0.986133383	8.655423019	60027.2	0.154262059	0.419195511	0.42654243
	8.27230835	0.961978916	8.912384248	63872.59	0.154324623	0.442141274	0.403534104
	8.268233814	0.964483156	8.88501904	63463.22	0.154493355	0.439528181	0.405978463
	8.256037101	0.972033131	8.803459696	62243.66	0.154962609	0.431738988	0.413298402
	8.265444338	0.9658762	8.869316517	63232.83	0.156033335	0.436433851	0.407532814
	8.239828043	0.981945135	8.69808824	60672.54	0.156446838	0.420598732	0.42295443
	8.274891153	0.959906809	8.934313688	64207.47	0.156452404	0.441749771	0.401797824
	8.232916861	0.986358836	8.652159781	59986.2	0.156478188	0.416399981	0.427121831
	8.244771943	0.978696982	8.732007447	61181.02	0.156830968	0.423229732	0.4199393
	8.22653799	0.99034546	8.61088956	59371.15	0.156891459	0.41217242	0.430936121
	8.256757569	0.971092113	8.812732432	62388.97	0.156967181	0.430336713	0.412696106
	8.219448675	0.994905336	8.564298287	58675.68	0.156968196	0.407824596	0.435207208
	8.23826337	0.982732071	8.689530963	60547.43	0.15723042	0.418936577	0.423833003
	8.259698739	0.969104355	8.833843418	62706.81	0.157540459	0.431585984	0.410873557
	8.273645773	0.960389575	8.928525871	64124.72	0.157697876	0.439856994	0.40244513
	8.213782901	0.998339719	8.529161095	58154.39	0.157773649	0.403667904	0.438558447
	8.224690414	0.991207645	8.601535558	59235.77	0.158019999	0.41002345	0.431956551
	8.220900447	0.993553173	8.577414947	58876.92	0.158348063	0.407436048	0.434215889
	8.225840527	0.990358502	8.61007191	59364.67	0.15838741	0.410380703	0.431231888
	8.239003163	0.981890332	8.697733618	60674.96	0.15856508	0.418159867	0.423275053
	8.262724674	0.966945261	8.856697902	63052.47	0.158608349	0.432433139	0.408958512
	8.22182152	0.992814206	8.58472699	58987.98	0.158823555	0.407556059	0.433620386
	8.277354129	0.957811083	8.956433763	64546.68	0.158927345	0.440967833	0.400104822
	8.274026506	0.959853156	8.93391228	64209.52	0.158955528	0.438934207	0.402110265
	8.261556527	0.967418602	8.851156989	62973.01	0.159594113	0.430824958	0.409580929
	8.252214243	0.973224524	8.788754728	62040.01	0.159719301	0.425073352	0.415207347
	8.2578185	0.969699792	8.826480076	62604.49	0.159781288	0.428398006	0.411820706
	8.256053518	0.970724381	8.815345606	62439	0.16007064	0.427067901	0.412861459
	8.260199225	0.968095135	8.843569508	62861.78	0.160230424	0.429422884	0.410346692
	8.238643399	0.981512953	8.700711248	60727.53	0.160657094	0.416025677	0.423317229
	8.268199213	0.963002083	8.898648051	63687.74	0.160727197	0.43379462	0.405478183
	8.24036501	0.980290123	8.713320885	60917.72	0.161105838	0.416653222	0.42224094
	8.268747908	0.962446417	8.904355762	63776.14	0.161548511	0.433373036	0.405078452
	8.236436384	0.982367119	8.69089937	60588.21	0.162437149	0.413062783	0.424500068
	8.23708829	0.981783466	8.696729963	60677.6	0.162984309	0.412954708	0.424060982
	8.242871158	0.978126524	8.735156792	61251.83	0.163033298	0.416399043	0.42056766
	8.248238956	0.974703366	8.771341768	61793.34	0.163226419	0.419460852	0.417312729
	8.271312168	0.96038104	8.926175341	64109.4	0.163351742	0.433267764	0.403380494
	8.2582133	0.968262025	8.839994205	62822.83	0.164013963	0.424757399	0.411228638
	8.228340878	0.986951302	8.642329415	59870.26	0.164111349	0.406643937	0.429244714
	8.275676614	0.95741568	8.958380548	64595.48	0.16442754	0.434915293	0.400657167
	8.249298056	0.973636681	8.782039148	61958.71	0.164549231	0.418887661	0.416563108
	8.240796281	0.978873952	8.726367329	61128.01	0.164790275	0.413537025	0.421672699
	8.261127616	0.966201523	8.861862462	63153.39	0.164889908	0.425713105	0.409396987
	8.258195509	0.968000608	8.842363144	62861.98	0.164925734	0.423911119	0.411163147
	8.275578284	0.957181657	8.960468073	64630.8	0.165473785	0.433897186	0.400629029
	8.260309525	0.966522283	8.858075047	63099.27	0.165500421	0.424660017	0.409839562
	8.226903512	0.987306854	8.63776127	59809.49	0.165734246	0.404289448	0.429976306
	8.22973909	0.985171539	8.659361485	60136.43	0.166720844	0.405096242	0.428182914
	8.233181481	0.982569574	8.685795997	60536.82	0.167964161	0.406033915	0.426001924
	8.230258746	0.984288919	8.667654357	60267.64	0.168279227	0.403981688	0.427739084
	8.2734643	0.957287215	8.957271708	64599.37	0.169417456	0.42900769	0.401574854
	8.273977608	0.956943254	8.961027689	64656.01	0.169525355	0.429218527	0.401256118
	8.265444221	0.961986325	8.905180235	63822.74	0.169930308	0.423698612	0.40637108
	8.259577599	0.965531561	8.866406167	63243.63	0.170020787	0.420075935	0.409903278
	8.261519982	0.964201055	8.880655468	63458.58	0.170456653	0.42084849	0.408694857
	8.242527909	0.975835779	8.755310563	61586.76	0.170524701	0.409326823	0.420148476
	8.244446721	0.97458263	8.768537267	61785.14	0.170712983	0.410312041	0.418974976
	8.24859266	0.971836893	8.797577158	62221.34	0.171250861	0.412320679	0.41642846
	8.248248048	0.972047002	8.795321028	62187.68	0.171255568	0.412108437	0.416635996
	8.265002203	0.961606348	8.908239437	63877.48	0.17188068	0.421644592	0.406474728
	8.233020982	0.980863342	8.700741489	60784.25	0.172813921	0.40149276	0.425693319
	8.267369299	0.959783041	8.927628774	64172.73	0.173031879	0.422017878	0.404950244
	8.251854289	0.969033168	8.826397241	62662.77	0.173480726	0.412245214	0.414274061
	8.242949257	0.974458174	8.768120457	61793.25	0.173545679	0.406812633	0.419641688
	8.236162649	0.978626325	8.723840576	61132.78	0.173569602	0.402695853	0.423734545
	8.266966457	0.959633761	8.928597757	64192.7	0.174160839	0.420740235	0.405098926
	8.255710169	0.966409427	8.854350259	63084	0.174237499	0.413878242	0.411884259
	8.25180157	0.968769087	8.828748844	62701.98	0.174281875	0.411479232	0.414238893
	8.23370935	0.979845386	8.710483165	60937.6	0.174317716	0.400530027	0.425152257
	8.235394353	0.978614574	8.723160242	61129.27	0.174799615	0.401105101	0.424095284
	8.251517194	0.968689273	8.829182715	62711.96	0.174956416	0.410689499	0.414354085
	8.272623752	0.955909975	8.969297701	64805.58	0.175104881	0.423288577	0.401606542
	8.272664095	0.955545916	8.972757184	64862.08	0.176068983	0.422429417	0.4015016
	8.272671647	0.95521387	8.975884153	64913.44	0.176982632	0.421596707	0.401420661
	8.268427472	0.957707969	8.948077227	64498.5	0.177082356	0.418944498	0.403973146
	8.261398654	0.961357841	8.906793786	63889.73	0.17854573	0.413362464	0.408091806
	8.27348281	0.953451058	8.993330208	65192.29	0.180432567	0.418924625	0.400642808
	8.258921056	0.961793875	8.900179829	63805.72	0.181175715	0.409457433	0.409366852
	8.265543635	0.957848548	8.943753212	64456.21	0.181199423	0.413431594	0.405368983
	8.267144475	0.956578215	8.957303993	64663.09	0.182008674	0.4136559	0.404335425
	8.252898431	0.964963962	8.864699781	63282.35	0.182193435	0.404890905	0.41291566
	8.273772817	0.952492796	9.002682481	65343.22	0.182463117	0.417238814	0.400298069
	8.266162215	0.956959863	8.952705265	64597.28	0.182502203	0.412610962	0.404886835
	8.25658529	0.962496786	8.891253253	63682.25	0.182836423	0.406526223	0.410637353
	8.24956142	0.966597246	8.846268546	63012.55	0.183034151	0.402107011	0.414858838
	8.25801555	0.961521564	8.901758691	63840.75	0.183135545	0.407115089	0.409749366
	8.265190304	0.9567758	8.953411752	64618.61	0.184343333	0.410337328	0.405319339
	8.25685674	0.961449251	8.901222942	63843.52	0.184912625	0.40478738	0.410299995
	8.27053448	0.951964173	9.004279898	65401.88	0.188307547	0.40992906	0.401763394
	8.266509624	0.953946964	8.981345232	65064.89	0.189113878	0.406761649	0.404124473
	8.258541718	0.958155985	8.933575784	64358.83	0.190055452	0.40109117	0.408853377
	8.269041264	0.950978479	9.012042696	65544.5	0.192437687	0.405243238	0.402319075
	8.269578535	0.949549008	9.026175431	65771.59	0.194836301	0.403369327	0.401794373
	8.269635909	0.948843898	9.032943478	65882.34	0.196242055	0.402115713	0.401642232
	8.271398134	0.946166139	9.060370238	66315.85	0.199665387	0.400041855	0.400292758

Table 5a: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 1

SPGSCITR 1	Mean Return	Sharpe Ratio	Standard Deviation	VaR	Commodity Weight	Stock Weight	Bond Weight
	8.750814821	1.146990867	7.535825846	36445.15654	0.00524852	0.499550366	0.495201114
	8.739237074	1.150196423	7.504757889	36049.91158	0.00564527	0.496745234	0.497609497
	8.729913061	1.153156865	7.477405653	35693.24748	0.006598651	0.494270421	0.499130928
	8.740924866	1.150599351	7.503596678	36013.93345	0.007108026	0.496636642	0.496255331
	8.747639805	1.149339077	7.517666961	36178.21961	0.007944735	0.497900499	0.494154766
	8.75274523	1.149275583	7.522524589	36207.06624	0.01021	0.498306968	0.491483032
	8.727259808	1.156835458	7.451334887	35290.95407	0.011921046	0.491847088	0.496231866
	8.735423889	1.155093892	7.46963736	35510.36215	0.012644268	0.493483776	0.493871956
	8.719237917	1.159688131	7.426088352	34955.90443	0.013296356	0.489528976	0.497174668
	8.729943962	1.157029582	7.452404585	35281.70749	0.013579609	0.49190164	0.494518751
	8.716888814	1.161952447	7.409595322	34708.10926	0.016385255	0.487935938	0.495678807
	8.731744948	1.158081047	7.44719342	35177.9816	0.016475107	0.491331533	0.49219336
	8.742501232	1.155675331	7.472003253	35478.5042	0.017289697	0.493534948	0.489175355
	8.723513188	1.161224572	7.419944428	34812.09316	0.0183699	0.488788219	0.492841882
	8.731148607	1.159465211	7.437788671	35029.25065	0.018879865	0.490375565	0.49074457
	8.754578443	1.153775585	7.494773816	35732.27451	0.019820985	0.495458737	0.484720278
	8.730603775	1.160337475	7.431727895	34935.00808	0.020340132	0.489752925	0.489906943
	8.73187203	1.160448477	7.432109914	34928.60917	0.021248803	0.489736156	0.489015041
	8.717465978	1.165000838	7.39070248	34391.57802	0.022738779	0.48590668	0.491354541
	8.697721246	1.170325697	7.340204416	33758.40611	0.022812119	0.481328117	0.495859763
	8.776474326	1.149760736	7.539988673	36257.03391	0.023402719	0.499289433	0.477307847
	8.743283975	1.158706372	7.453132895	35160.287	0.023916544	0.491460078	0.484623378
	8.671211296	1.179022269	7.263577729	32763.10877	0.025929887	0.474153191	0.499916921
	8.725818299	1.16430646	7.40228385	34498.55138	0.025985273	0.486728007	0.48728672
	8.738045934	1.161062479	7.433497072	34889.68686	0.026009964	0.489539586	0.484450451
	8.720052237	1.166005789	7.386550671	34297.42425	0.026328323	0.485281463	0.488390214
	8.689595818	1.174354498	7.308103671	33311.65011	0.026635775	0.478152854	0.495211371
	8.755602845	1.156792246	7.476114643	35415.1144	0.026844299	0.493304665	0.479851035
	8.73376019	1.163789174	7.412398212	34585.49894	0.029559361	0.487343185	0.483097453
	8.73033799	1.164744934	7.403377632	34471.34559	0.029653072	0.486522052	0.483824877
	8.781708652	1.151192189	7.53515993	36125.26488	0.029751304	0.498335908	0.471912788
	8.787508233	1.149748537	7.549665477	36305.86408	0.029924306	0.499614549	0.470461145
	8.780589437	1.151610379	7.531451782	36075.46343	0.030049114	0.497976434	0.471974452
	8.704416836	1.17196204	7.33566886	33616.84695	0.030204406	0.480356379	0.489439215
	8.754698386	1.158776845	7.462530016	35200.71177	0.030864754	0.49172775	0.477407496
	8.697142882	1.174595452	7.313029749	33317.20625	0.031714708	0.478164816	0.490120477
	8.781324646	1.152190274	7.528299313	36016.25784	0.031917044	0.497510257	0.470572699
	8.739976684	1.163174244	7.421661313	34675.69845	0.032005357	0.487944383	0.48005026
	8.730792402	1.165645116	7.398050131	34379.17187	0.032035338	0.485816067	0.482148595
	8.716299336	1.169761832	7.359624583	33892.05853	0.032549377	0.482298675	0.485151949
	8.7262445	1.167384404	7.383131962	34179.26886	0.033273602	0.484345781	0.482380617
	8.743975144	1.162647163	7.428464989	34747.62436	0.033311171	0.4884221	0.478266729
	8.746721069	1.161925659	7.435440987	34834.91006	0.033338936	0.489045926	0.477615138
	8.789590934	1.150837602	7.544330772	36197.289	0.033951105	0.498724383	0.467324511
	8.715912523	1.170584725	7.354120504	33805.39261	0.034273523	0.481622669	0.484103809
	8.728683107	1.167540945	7.38423072	34172.95575	0.035266575	0.484229891	0.480503534
	8.74184034	1.164265352	7.416306711	34568.98652	0.035918955	0.487042228	0.477038817
	8.744880213	1.163526998	7.423625604	34658.97288	0.036112197	0.487677526	0.476210277
	8.672245528	1.183313847	7.238108601	32333.83657	0.036210764	0.470892704	0.492896531
	8.718760137	1.17067513	7.355985039	33807.58534	0.036406243	0.481553543	0.482040214
	8.717182821	1.171172987	7.351511277	33749.77167	0.036584483	0.481129115	0.482286403
	8.787693617	1.152350942	7.532776606	36026.21305	0.036585311	0.497390289	0.4660244
	8.767490486	1.157765837	7.480095553	35361.71814	0.036795378	0.492659475	0.470545147
	8.680647797	1.181266256	7.257767972	32573.18175	0.036870819	0.472605823	0.490523359
	8.718680141	1.170975379	7.354030581	33776.23734	0.037113099	0.481294522	0.481592379
	8.721201411	1.170296782	7.3604492	33856.60151	0.037123858	0.481872325	0.481003817
	8.698458764	1.176581033	7.301806783	33119.44606	0.037372839	0.476542594	0.486084566
	8.654344469	1.188785959	7.18973252	31717.13143	0.037457693	0.466339916	0.496202391
	8.744600946	1.164211401	7.419021615	34586.03665	0.037689495	0.487076301	0.475234204
	8.661702181	1.186958615	7.207000036	31927.57968	0.037999502	0.467852378	0.49414812
	8.71509014	1.172435766	7.341808387	33611.10014	0.038365979	0.480040176	0.481593844
	8.756918713	1.161203529	7.448846904	34953.44134	0.038450412	0.489658098	0.47189149
	8.679188197	1.182379944	7.249697392	32455.02853	0.038660254	0.471660186	0.48967956
	8.663762908	1.186728247	7.210135544	31958.54692	0.038859669	0.468034881	0.49310545
	8.645567238	1.19185477	7.16385591	31379.27138	0.038995629	0.463792256	0.497212115
	8.755934519	1.16173505	7.444591712	34893.29159	0.039173939	0.489184874	0.471641187
	8.746365134	1.164427169	7.419161943	34570.70298	0.039525124	0.486858424	0.473616451
	8.74135771	1.165775065	7.406288378	34409.02591	0.039532136	0.485701208	0.474766656
	8.705016592	1.175644738	7.313200083	33241.27089	0.039583205	0.477302706	0.483114089
	8.743364806	1.165428146	7.41021524	34453.54607	0.04005535	0.48598602	0.47395863
	8.745520513	1.164979783	7.414917617	34509.33623	0.040414159	0.48636106	0.473224782
	8.667677278	1.186398786	7.215437153	32006.60693	0.040817651	0.468271245	0.490911104
	8.663363685	1.187601726	7.204496338	31869.78247	0.040827319	0.467273138	0.491899543
	8.632574675	1.196290238	7.126433873	30893.65929	0.040998782	0.460114109	0.498887109
	8.698622143	1.177976318	7.29329666	32977.8332	0.041135391	0.475299722	0.483564887
	8.769935199	1.158823694	7.475376839	35259.65507	0.041454714	0.49163752	0.466907766
	8.748648214	1.164520313	7.420529054	34570.35914	0.04147185	0.486722406	0.471805744
	8.750716975	1.163984556	7.425721875	34635.08583	0.041526939	0.487180762	0.471292299
	8.806095789	1.149350311	7.568453505	36429.02409	0.041667116	0.499904717	0.458428166
	8.667873429	1.187000494	7.211944793	31947.20122	0.042574213	0.467718652	0.489707135
	8.679645969	1.183768797	7.241578418	32316.90557	0.042670479	0.470400914	0.486928607
	8.658104863	1.189887112	7.186239251	31622.06833	0.043019071	0.465314386	0.491666543
	8.683918415	1.182768328	7.251316101	32434.35174	0.043172071	0.471215529	0.4856124
	8.625326926	1.199228319	7.102930603	30579.54238	0.043343898	0.457644467	0.499011635
	8.774129718	1.158403977	7.481706288	35321.82005	0.043475362	0.491917165	0.464607473
	8.704939823	1.177134673	7.303878328	33088.70936	0.043602809	0.475916965	0.480480226
	8.786695818	1.155174737	7.513499166	35719.10536	0.043788736	0.494708551	0.461502713
	8.752150063	1.164440283	7.424046379	34593.19551	0.043946727	0.486687712	0.46936556
	8.740157593	1.167790838	7.39247639	34193.8401	0.044298317	0.483802305	0.471899378
	8.648429967	1.193103987	7.158754526	31266.7338	0.044415871	0.462607738	0.492976391
	8.73025627	1.170561795	7.36651829	33865.88057	0.04456297	0.481428753	0.474008276
	8.642842376	1.194786182	7.143998743	31079.89867	0.044725521	0.461213721	0.494060758
	8.790219414	1.154590753	7.520351256	35796.57626	0.044845611	0.495161477	0.459992912
	8.811496304	1.149082211	7.574919204	36481.37022	0.045132177	0.499970901	0.454896922
	8.716455566	1.174525091	7.329910818	33401.74828	0.045170171	0.478039329	0.4767905
	8.697514332	1.179778581	7.281216216	32790.20569	0.045343982	0.473611878	0.48104414
	8.755200004	1.164169157	7.428395223	34634.22821	0.045589881	0.486831868	0.467578251
	8.633272135	1.19781417	7.117949469	30747.12865	0.045645401	0.458693524	0.495661075
	8.682242811	1.184273081	7.240687603	32276.28454	0.04615024	0.469815502	0.484034258

Table 5b: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 2

SPGSCITR 2	8.661173916	1.19018744	7.18700453	31603.96551	0.046284729	0.464910745	0.488804527
	8.802198716	1.151973775	7.54783443	36128.84122	0.04655164	0.497343556	0.456104804
	8.695564483	1.18073401	7.273672998	32685.6293	0.046582144	0.472740799	0.480677056
	8.770623223	1.160503023	7.465152312	35084.59633	0.047038219	0.489895898	0.463065883
	8.716572426	1.175199022	7.325806839	33333.07523	0.047298358	0.47734197	0.475359671
	8.658193495	1.191425352	7.177035542	31469.79447	0.047474371	0.463818505	0.488707124
	8.62181234	1.201748272	7.085111869	30321.59616	0.047609736	0.45538208	0.497008184
	8.751144151	1.16608424	7.412717242	34416.90691	0.048161932	0.485021118	0.46681695
	8.633973065	1.198535117	7.114252679	30679.31257	0.048320977	0.457944566	0.493734456
	8.657244921	1.192131282	7.171989908	31396.28692	0.048805817	0.463146595	0.488047588
	8.816351441	1.14894158	7.580072123	36517.57683	0.048807517	0.499839741	0.451352742
	8.764847368	1.162723969	7.445925432	34826.10085	0.049220154	0.487821247	0.462958599
	8.726695534	1.173061367	7.347786208	33593.3726	0.049278259	0.479002757	0.471718984
	8.814943498	1.149474451	7.57533331	36453.70973	0.049362842	0.499326036	0.451311122
	8.815695901	1.14934296	7.576854609	36471.20883	0.049588462	0.49942277	0.450988768
	8.812815476	1.150107996	7.569310107	36375.91708	0.049618713	0.49874818	0.451633106
	8.673589833	1.187864653	7.211510518	31882.89399	0.049766584	0.46658913	0.483644286
	8.737004686	1.170455005	7.37295603	33904.28781	0.049930393	0.481158343	0.468911264
	8.620007373	1.203169289	7.075243737	30177.3295	0.050344274	0.454035137	0.49562059
	8.678006794	1.186887672	7.221168102	31997.57749	0.050581763	0.467330347	0.482087891
	8.70752469	1.178781671	7.295866149	32931.07206	0.050807875	0.474060916	0.475131209
	8.765469916	1.163108372	7.443999828	34788.202	0.051079556	0.48733199	0.461588454
	8.722932	1.174650793	7.334639925	33414.77082	0.051129643	0.477504695	0.471365662
	8.705271336	1.179523536	7.289366999	32846.7041	0.051210619	0.473404169	0.475385212
	8.812051247	1.150766873	7.564312159	36301.35043	0.051215236	0.498028569	0.450756195
	8.650406528	1.194826363	7.150089246	31104.43702	0.051233557	0.46074324	0.488023202
	8.636010125	1.199025066	7.113044566	30639.07028	0.051642509	0.457283907	0.491073584
	8.713154497	1.17767791	7.307484525	33065.87928	0.052307039	0.474849055	0.472843906
	8.703624955	1.180321223	7.283045826	32759.19387	0.052371512	0.472629375	0.474999113
	8.734607729	1.171847452	7.362149672	33750.50862	0.052442288	0.479750647	0.467807066
	8.630627715	1.200799578	7.09805073	30446.26772	0.052442622	0.455770284	0.491787094
	8.755144019	1.166322411	7.414632984	34408.41938	0.052595036	0.484434814	0.46297015
	8.811169998	1.151394693	7.5594222	36229.73026	0.052641453	0.497339931	0.450018615
	8.741520095	1.170120515	7.37892259	33957.27489	0.052981064	0.481161434	0.465857502
	8.729651132	1.17339053	7.348243839	33571.34399	0.053114746	0.478378673	0.468506581
	8.594149994	1.211929986	7.002763107	29243.70302	0.05468089	0.446595885	0.498723225
	8.789829341	1.157599374	7.50046876	35473.43903	0.054705802	0.491715689	0.453578509
	8.716386935	1.177507312	7.31128839	33096.12291	0.054852522	0.474728199	0.470419279
	8.819380258	1.149856332	7.576675989	36431.42722	0.054985388	0.498435674	0.446578938
	8.762991262	1.164904526	7.43039423	34589.19637	0.055151673	0.485374445	0.459473882
	8.800419868	1.154915607	7.527068142	35805.05466	0.055201143	0.49398953	0.450809327
	8.805112089	1.153705584	7.539029724	35954.88296	0.055326381	0.495029043	0.449644576
	8.62281331	1.203989963	7.07275158	30108.27779	0.055730444	0.452849117	0.491420439
	8.728416121	1.174523011	7.340107128	33449.85712	0.056025976	0.477103039	0.466870985
	8.808625627	1.152978723	7.546829837	36048.04803	0.056120186	0.495569183	0.448310631
	8.670683952	1.190558131	7.192754669	31603.44652	0.056182682	0.463735303	0.480082015
	8.625581841	1.203349488	7.078816693	30180.35471	0.056272005	0.45330329	0.490424705
	8.593680541	1.212583508	6.998601817	29179.9504	0.056489487	0.445872078	0.497638435
	8.691934442	1.184807255	7.245603037	32260.21993	0.056869165	0.46840253	0.474728306
	8.698419249	1.183022153	7.262017729	32465.36952	0.056928071	0.469878031	0.473193898
	8.824896761	1.148908061	7.587731047	36558.10172	0.056981144	0.499028672	0.443990184
	8.638366744	1.19991242	7.109748346	30561.2861	0.057030859	0.455993521	0.48697562
	8.722105707	1.176604576	7.321758293	33211.14978	0.057384776	0.475185253	0.467429971
	8.599990369	1.211092093	7.012430368	29344.31154	0.057704267	0.446913834	0.495381899
	8.71886795	1.177580156	7.312942996	33098.5286	0.057723435	0.47432329	0.467953275
	8.685970981	1.186709038	7.228966249	32046.20373	0.057798697	0.466710857	0.475490446
	8.63251924	1.201787315	7.093790838	30357.28349	0.057819674	0.454376483	0.487803844
	8.822611615	1.149727606	7.580334832	36459.29626	0.057890569	0.498192149	0.443917282
	8.65623218	1.195157259	7.152984027	31093.7954	0.058197984	0.459716492	0.482085523
	8.830721074	1.147685674	7.600887487	36716.26276	0.058250546	0.499939866	0.441809587
	8.741380751	1.171565178	7.369704663	33807.04693	0.058310554	0.479315453	0.462373993
	8.757390028	1.16722737	7.410808597	34323.05371	0.058343048	0.482996512	0.45866044
	8.659214563	1.194520557	7.159293423	31167.7519	0.05900381	0.460130045	0.480866145
	8.728451702	1.175269699	7.335473987	33373.29291	0.059015446	0.476093805	0.464890748
	8.717319357	1.17833049	7.306972053	33015.80126	0.059028293	0.473522051	0.467449656
	8.815675985	1.151835563	7.560440803	36201.42492	0.059089549	0.496184566	0.444725885
	8.792233845	1.158055385	7.499591608	35434.96612	0.059111089	0.490770924	0.450117987
	8.607969708	1.209169285	7.030180487	29556.48163	0.059146759	0.448263119	0.492590123
	8.655718116	1.195570083	7.150084168	31051.2376	0.059251997	0.459239213	0.48150879
	8.593738771	1.213319693	6.994403391	29110.31015	0.059295127	0.444930632	0.495774241
	8.808602098	1.153757623	7.541714594	35964.14505	0.059320168	0.494474672	0.44620516
	8.74862396	1.169887759	7.386462929	34010.26379	0.059524163	0.480572867	0.459902969
	8.676279822	1.189899732	7.201437397	31690.30599	0.059721522	0.46382143	0.476457048
	8.75732431	1.167603198	7.408366925	34283.54897	0.059842443	0.48247105	0.457686507
	8.739138731	1.172650885	7.360969445	33685.78558	0.060292071	0.478123999	0.46158393
	8.808319679	1.154085967	7.539324219	35927.65107	0.060433583	0.494030598	0.445535819
	8.793350096	1.158064937	7.500493642	35438.64075	0.060445083	0.490574345	0.448980572
	8.679627085	1.189165381	7.20869933	31776.28154	0.060564964	0.46430633	0.475128706
	8.650195035	1.19746093	7.134181519	30844.89312	0.06058758	0.457510906	0.481901514
	8.725881589	1.176387001	7.326322195	33248.46045	0.060755784	0.474908768	0.464335448
	8.820967447	1.150831829	7.571632822	36332.60262	0.060816714	0.496817077	0.442366209
	8.604254427	1.210711013	7.018159526	29395.90724	0.061028145	0.446765974	0.492205881
	8.819964124	1.151152094	7.568654716	36293.65037	0.061071696	0.496498906	0.442429398
	8.643161584	1.199591269	7.115648814	30610.39175	0.061147688	0.455698199	0.483154114
	8.573714845	1.219643946	6.941717274	28443.9399	0.061271513	0.439639996	0.499088491
	8.621967407	1.205725292	7.061870615	29937.76087	0.061494468	0.450692297	0.487813235
	8.667294372	1.192849479	7.176096504	31363.33989	0.061510178	0.46114042	0.477349402
	8.705404381	1.182254279	7.272642728	32570.28388	0.061717774	0.469858835	0.468423391
	8.755296128	1.168635634	7.400086456	34167.6292	0.061972043	0.481278513	0.456749444
	8.755991062	1.168490761	7.401598672	34185.55359	0.062170867	0.481371113	0.45645802
	8.811450972	1.153643308	7.544931362	35988.56744	0.062201057	0.494151204	0.443647738
	8.819737901	1.151540675	7.565904267	36250.67173	0.062608286	0.495923769	0.441467945
	8.752123908	1.169671715	7.390819489	34046.92335	0.062778547	0.480272437	0.456949015
	8.604618308	1.211030632	7.016607742	29366.74385	0.062829576	0.446236792	0.490933631
	8.659252286	1.195487278	7.15353567	31072.66806	0.063140618	0.458730819	0.478128563
	8.781229202	1.161982796	7.464773006	34972.29751	0.063575316	0.486713633	0.449711051
	8.722212335	1.178029077	7.312995159	33065.94276	0.063616541	0.473088918	0.463294541
	8.727916228	1.176478115	7.327484229	33247.22783	0.063697307	0.474376882	0.461925811
	8.773289614	1.16414267	7.444103236	34711.70594	0.063702411	0.48483932	0.451458268
	8.723335757	1.177753191	7.315662078	33098.57545	0.063774068	0.473294393	0.46293154

Table 5c: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 3

SPGSCITR 3	8.788778602	1.160024782	7.483880812	35211.09896	0.063886762	0.488348705	0.447764533
	8.806019959	1.155475377	7.528268221	35768.79329	0.064101469	0.492251896	0.443646635
	8.715065909	1.180119009	7.293988529	32824.77578	0.064186799	0.471246701	0.4645665
	8.628454294	1.204506983	7.074398916	30078.96422	0.064327445	0.451224148	0.484448408
	8.83647101	1.147534409	7.606900105	36757.66218	0.064535377	0.499126951	0.436337672
	8.580265428	1.218495417	6.953636353	28574.48548	0.064587073	0.440022294	0.495390633
	8.599226068	1.212982403	7.000872104	29161.83804	0.064592194	0.444393323	0.491014483
	8.692851368	1.186371625	7.236821741	32106.6112	0.064614769	0.465977847	0.469407384
	8.796114907	1.158269133	7.501558372	35428.50589	0.064901527	0.489695264	0.445403209
	8.817000077	1.152730315	7.55572103	36110.55063	0.064920784	0.494505324	0.440573892
	8.563067757	1.223611726	6.910506154	28037.03354	0.064951869	0.43593195	0.499116181
	8.795716226	1.158406119	7.500327121	35412.24042	0.065057961	0.489550078	0.445391961
	8.705088436	1.183071073	7.267354629	32486.46184	0.065114578	0.468629898	0.466255524
	8.742074409	1.172912551	7.361830173	33670.58653	0.065215897	0.477125255	0.457658848
	8.754118524	1.169671267	7.3925276	34055.07312	0.065411107	0.479836475	0.454752419
	8.602183585	1.212322165	7.00712437	29235.1035	0.065518798	0.444760035	0.489721167
	8.727314472	1.177094661	7.32313497	33181.70645	0.065920799	0.473481357	0.460597844
	8.665213826	1.194391707	7.165088622	31203.08181	0.065933401	0.459155192	0.474911407
	8.775960266	1.163872135	7.448128201	34751.20419	0.065956472	0.484688086	0.449355441
	8.672424491	1.192412015	7.183031525	31426.10965	0.066194091	0.460729418	0.473076491
	8.76208062	1.167683957	7.411927836	34294.55764	0.066300128	0.481370152	0.45232972
	8.840139648	1.146928013	7.614120636	36839.74296	0.066400541	0.499338234	0.434261225
	8.817213802	1.1530035	7.554116187	36082.01607	0.066663145	0.493961617	0.439375238
	8.775380816	1.164168229	7.445736107	34717.65225	0.066698577	0.484301883	0.44899954
	8.740272812	1.17369637	7.355378812	33582.48705	0.066720218	0.476197782	0.457082
	8.737875505	1.174360314	7.349178957	33504.48157	0.066764107	0.475629969	0.457605924
	8.759175647	1.168580155	7.40375764	34189.21961	0.066880006	0.48050284	0.452617154
	8.675013426	1.191826372	7.188733387	31494.00759	0.066925144	0.46107768	0.471997176
	8.75258363	1.170455527	7.386262899	33967.37688	0.067341552	0.478825482	0.453832966
	8.808498726	1.15543974	7.530645717	35783.11196	0.067370393	0.491711009	0.440918598
	8.821837245	1.151935515	7.565133407	36216.99878	0.067507843	0.494740407	0.43775175
	8.667118274	1.194217754	7.167727032	31227.43531	0.067816245	0.458953593	0.473230162
	8.751749254	1.170809661	7.383316132	33927.25064	0.068042939	0.478394344	0.453562717
	8.842960234	1.146500741	7.619418395	36898.67749	0.068142117	0.499395997	0.432461885
	8.598352569	1.213968227	6.994467387	29065.22481	0.068231318	0.44295333	0.488815352
	8.669816505	1.193548591	7.1740063	31303.73777	0.068313473	0.459406642	0.472279885
	8.819454984	1.152714304	7.557955652	36122.75783	0.068363747	0.493899702	0.437736552
	8.572710354	1.221491186	6.930397088	28267.78432	0.068479193	0.436955267	0.49456554
	8.80487794	1.15660196	7.519947956	35643.3573	0.0685092	0.490488387	0.441002413
	8.831663709	1.149530922	7.589506418	36519.6345	0.068552375	0.496651124	0.434796501
	8.637131947	1.202902778	7.091047345	30266.02997	0.068763004	0.451715816	0.47952118
	8.819426028	1.152823644	7.557213696	36110.84329	0.068959497	0.493690265	0.437350238
	8.555651569	1.226604021	6.887601889	27734.45379	0.069003257	0.432842747	0.498153995
	8.755780651	1.169902768	7.392485506	34037.75947	0.069122971	0.4789565	0.451920528
	8.684528572	1.18956075	7.210423827	31755.63212	0.069126131	0.462523011	0.468350858
	8.566456596	1.223502191	6.913894608	28058.88026	0.069441483	0.435185496	0.495373021
	8.838457085	1.147935704	7.60597101	36722.51917	0.06967151	0.49783695	0.43249154
	8.735215669	1.175610483	7.339101173	33365.31513	0.069683949	0.474022806	0.456293246
	8.684556263	1.1896537	7.209883737	31746.47152	0.06970751	0.46233153	0.467960959
	8.762524481	1.168275208	7.408556667	34234.66824	0.070332616	0.480100095	0.449567289
	8.800949779	1.157993885	7.507516658	35478.16225	0.070598182	0.488871494	0.440530324
	8.731018062	1.176974102	7.327031792	33208.76756	0.070972774	0.472616098	0.456411128
	8.768189445	1.166846437	7.422483178	34407.08932	0.070982527	0.481185378	0.447832095
	8.631145237	1.205005466	7.073705542	30040.64979	0.071029505	0.449563756	0.479406739
	8.54580494	1.229902772	6.86112247	27397.37239	0.071228686	0.429814477	0.498956837
	8.755478673	1.170331032	7.389522315	33992.03909	0.071231281	0.478169312	0.450599407
	8.617723768	1.208925719	7.039665245	29614.95144	0.07143184	0.446331517	0.482236643
	8.6332048	1.204486518	7.078463123	30098.30941	0.071466297	0.449890082	0.478643621
	8.810398706	1.15566615	7.530814421	35766.88708	0.071788485	0.490645531	0.437565984
	8.677532812	1.192031619	7.189609134	31483.21848	0.072219609	0.459856786	0.467923605
	8.783726414	1.162866723	7.461246285	34889.316	0.072327163	0.484310935	0.443361901
	8.538353862	1.232315004	6.841645552	27151.51638	0.072488832	0.427667203	0.499843965
	8.579693421	1.220155491	6.943706837	28416.87955	0.072659046	0.437143151	0.490197803
	8.827270611	1.151345362	7.573730266	36304.07087	0.072735436	0.494214304	0.43305026
	8.542513566	1.231171988	6.851375965	27269.97039	0.073091986	0.428421251	0.498486763
	8.649694178	1.200033149	7.11847234	30591.50869	0.073096077	0.453138241	0.473765682
	8.669927112	1.194365991	7.169189159	31223.39679	0.073521992	0.457659477	0.468818531
	8.826481878	1.15167033	7.57090832	36265.5413	0.07356256	0.493750899	0.43268654
	8.620066236	1.208613776	7.043420328	29653.29236	0.073819816	0.446059019	0.480121165
	8.619196941	1.20888322	7.041131357	29624.33509	0.073955156	0.445812477	0.480232367
	8.682604765	1.190907167	7.200656448	31614.2111	0.074280073	0.460325238	0.465394689
	8.709133492	1.183535577	7.267920174	32455.31367	0.074489236	0.466372202	0.459138562
	8.657816942	1.197925528	7.137777219	30827.81804	0.074492019	0.454536446	0.470971535
	8.623625972	1.207694788	7.051727523	29754.33621	0.074570774	0.446624396	0.47880483
	8.537594869	1.232853048	6.838044069	27099.86719	0.074630042	0.426763419	0.498606539
	8.809881001	1.156212541	7.526807826	35706.16151	0.074675283	0.48954364	0.435781077
	8.648706385	1.20056049	7.114522809	30536.4226	0.074846425	0.452314717	0.472838858
	8.618825256	1.209119096	7.039450366	29600.40209	0.074890089	0.445408562	0.479701349
	8.790287662	1.16146946	7.475871353	35064.26448	0.074918268	0.484942255	0.440139477
	8.773825733	1.165895239	7.433373122	34529.85007	0.074924905	0.481143486	0.443931609
	8.750982079	1.172090506	7.374593209	33791.44308	0.074939997	0.475870063	0.44918994
	8.711626278	1.182906566	7.273892228	32528.61736	0.074952378	0.466789471	0.458258151
	8.753720676	1.17135086	7.381587852	33879.10875	0.07498621	0.47648592	0.44852787
	8.646220177	1.201313713	7.10799243	30453.86953	0.075189315	0.451624639	0.473186046
	8.850550051	1.145597971	7.632047956	37030.5171	0.075342313	0.498695866	0.425961821
	8.604458773	1.213330404	7.003176832	29147.4204	0.075361158	0.441934987	0.482703855
	8.611720481	1.211234081	7.02129276	29372.78381	0.075390254	0.443599806	0.48100994
	8.571134218	1.223084696	6.920079081	28113.82958	0.075662585	0.434146969	0.490190446
	8.552293372	1.22863955	6.873457701	27535.38457	0.075710464	0.429785529	0.494504007
	8.822722034	1.15295151	7.559234334	36111.11978	0.075754322	0.492137844	0.432107834
	8.626150618	1.207136338	7.057081256	29817.15081	0.075837184	0.446775628	0.477387188
	8.601461695	1.214273751	6.995267986	29047.30223	0.075944109	0.441045388	0.483010503
	8.640041074	1.203177132	7.091848284	30250.11298	0.075978303	0.449931067	0.47409063
	8.724288097	1.179544526	7.305359409	32919.58823	0.076020316	0.469346123	0.454633561
	8.652857499	1.199559955	7.123917452	30649.43961	0.076238555	0.452798263	0.470963182
	8.724517263	1.179551299	7.305511741	32919.80221	0.076590377	0.469204959	0.454204664
	8.644834059	1.201894557	7.103404046	30392.25851	0.076665372	0.450802605	0.472532024
	8.756626267	1.17077559	7.387696619	33950.53312	0.076698654	0.476573203	0.446728144
	8.650652887	1.200247785	7.117998131	30574.12156	0.076743052	0.452118126	0.471138822
	8.69845575	1.186811072	7.238864345	32084.16523	0.07689995	0.463089197	0.460010853

Table 5d: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 4

SPGSCITR 4	8.721616346	1.180404617	7.297773002	32821.52045	0.077037953	0.46838361	0.454578437
	8.643248903	1.20241426	7.099015531	30335.92541	0.077239493	0.450241633	0.472518874
	8.550613911	1.229350771	6.868115036	27464.30017	0.077492191	0.428791811	0.493715998
	8.850170782	1.145973767	7.629214241	36987.69933	0.077652036	0.497822304	0.42452566
	8.818937592	1.154184037	7.547883108	35962.25313	0.077711384	0.490598993	0.431689623
	8.524022967	1.237286402	6.802573403	26652.14567	0.077780204	0.422561288	0.499658508
	8.572266555	1.223021712	6.921361312	28123.59703	0.077923111	0.433638763	0.488438126
	8.667480207	1.195619007	7.159629245	31090.61925	0.077941568	0.455590999	0.466467433
	8.762779694	1.169256426	7.402557818	34133.44382	0.078012106	0.477545307	0.444442587
	8.568096838	1.224273171	6.910880383	27992.89824	0.078176295	0.432590959	0.489232747
	8.566162279	1.224897151	6.90578052	27928.35857	0.078701968	0.431965895	0.489332137
	8.551079101	1.229345742	6.868521535	27466.33457	0.07871981	0.428481286	0.492798904
	8.754711861	1.171602643	7.380847521	33857.01954	0.079481025	0.47518474	0.445334235
	8.706958262	1.184743755	7.258672459	32324.95459	0.079639594	0.464117664	0.456242742
	8.705669926	1.185114739	7.25531313	32282.58192	0.079773435	0.463774991	0.456451573
	8.705364206	1.185270527	7.254101587	32265.711	0.080517506	0.463451248	0.456031247
	8.748143461	1.173500107	7.363315958	33634.33499	0.080598504	0.473289588	0.446111908
	8.820533197	1.154061235	7.550068865	35982.2496	0.080612136	0.489979732	0.429408132
	8.533118787	1.234854871	6.823334135	26902.67113	0.080639798	0.423685762	0.495674441
	8.635502925	1.204987843	7.077425368	30058.25861	0.080768475	0.44725417	0.471977355
	8.644036686	1.20256813	7.098762286	30323.88207	0.080954703	0.449158876	0.469886421
	8.5160072	1.239996223	6.781243077	26381.4507	0.081032345	0.419605825	0.49936183
	8.775129092	1.166229264	7.432361686	34500.17984	0.081124806	0.47933399	0.439541204
	8.741766215	1.175298078	7.346625491	33423.5737	0.0812153	0.471608923	0.447175777
	8.761247764	1.169993571	7.396584547	34050.51155	0.081240194	0.476093356	0.442666449
	8.782594096	1.164241313	7.451464399	34739.74147	0.081366415	0.480973367	0.437660219
	8.780549287	1.164812845	7.44605275	34671.17584	0.081615694	0.480416946	0.437967361
	8.693814202	1.188590596	7.224121437	31888.08144	0.08169126	0.460388067	0.457920673
	8.678686239	1.192827931	7.185776435	31408.64194	0.081702607	0.456895339	0.461402054
	8.708076904	1.184624075	7.26035009	32341.36275	0.081727574	0.463665024	0.454607402
	8.854854108	1.145170971	7.638652159	37096.10601	0.081849713	0.497473747	0.42067654
	8.829004451	1.151945229	7.571291441	36246.61736	0.081937608	0.491482291	0.426580101
	8.747938139	1.17367542	7.36204115	33615.41949	0.081952623	0.472781373	0.445266004
	8.651295393	1.200601688	7.1164351	30541.98692	0.082142167	0.450428762	0.467429071
	8.75137352	1.172764202	7.370690637	33723.33707	0.082258982	0.473469387	0.444271631
	8.703508662	1.18596105	7.248313313	32189.05781	0.082571847	0.462324138	0.455104015
	8.66567512	1.196562908	7.15247286	30990.95805	0.082583965	0.453594705	0.46382133
	8.678747069	1.192888639	7.185461736	31402.85729	0.082680364	0.456576597	0.460743039
	8.747229307	1.173967566	7.359605291	33582.44149	0.083201621	0.472192814	0.444605565
	8.570024419	1.22414644	6.913170473	28011.29108	0.083218809	0.431319329	0.485461862
	8.56106345	1.2267959	6.890936019	27735.17654	0.083470401	0.429167091	0.487362508
	8.768636352	1.168188067	7.414341233	34268.69716	0.083667537	0.476971215	0.439361248
	8.845058337	1.147876544	7.612113854	36757.54745	0.083726592	0.494575832	0.421697576
	8.610659729	1.212380322	7.013779568	29259.81033	0.084147311	0.440374785	0.475477904
	8.818306194	1.154949565	7.542333502	35877.28423	0.084272019	0.488220524	0.427507457
	8.605433377	1.213907758	7.000648873	29096.09313	0.084433635	0.439072017	0.476494349
	8.734151115	1.177647911	7.325499953	33152.24051	0.084678151	0.468674151	0.446647699
	8.601764423	1.214990575	6.991390059	28980.48873	0.0847976	0.438101997	0.477100403
	8.765145151	1.169211134	7.404867695	34147.78335	0.08482014	0.475773783	0.439406077
	8.864622294	1.142872656	7.662560523	37391.68174	0.084955231	0.498669586	0.416375183
	8.804432589	1.158683228	7.506056	35419.30846	0.085067308	0.484750273	0.430182419
	8.526701812	1.237066336	6.805949016	26680.88112	0.085141312	0.420673805	0.494184883
	8.593766626	1.217332394	6.971370571	28731.17542	0.085201828	0.43611994	0.478678232
	8.761223348	1.170306113	7.394588352	34017.92123	0.085341928	0.474691736	0.439966335
	8.548760321	1.23052969	6.860028646	27349.82678	0.085358686	0.425687037	0.488954277
	8.819199056	1.154791582	7.544138525	35898.04558	0.08545325	0.488024418	0.426522332
	8.504700629	1.243670312	6.752118428	26015.45857	0.085621323	0.415436445	0.498942232
	8.627184623	1.207712345	7.054571612	29765.53079	0.085685228	0.443662399	0.470652373
	8.677164156	1.193535828	7.180239216	31332.7836	0.08583349	0.455138402	0.459028109
	8.792399089	1.161941599	7.474650793	35023.07378	0.085854864	0.481707026	0.43243811
	8.844220633	1.14825329	7.60888674	36712.8432	0.086091411	0.493577792	0.420330797
	8.734780105	1.177563397	7.32655985	33163.38438	0.086178629	0.468308536	0.445512835
	8.5962004	1.216674058	6.977143094	28801.78724	0.086209832	0.436338161	0.477452007
	8.719883629	1.18166471	7.288524533	32686.72384	0.086259065	0.464845681	0.448895254
	8.746324184	1.174415314	7.356028729	33532.66352	0.086350022	0.470912541	0.442737437
	8.558989942	1.227560357	6.884955594	27657.54238	0.086474315	0.427666535	0.485859149
	8.835776559	1.150490898	7.586748557	36433.14322	0.086549987	0.491474317	0.421975696
	8.551088243	1.229896397	6.865453763	27415.78281	0.086656067	0.425782359	0.487561574
	8.767084358	1.168819569	7.409007504	34196.48508	0.087184883	0.47541619	0.437398926
	8.64118794	1.203782915	7.089232152	30195.61278	0.087324201	0.446334085	0.466341713
	8.805411162	1.158558663	7.507707675	35436.69038	0.087476993	0.48415584	0.428367167
	8.863285161	1.14338262	7.657973464	37329.60267	0.087759245	0.497406891	0.414833865
	8.735529846	1.177438976	7.327970811	33179.0952	0.087889265	0.467899244	0.444211491
	8.655369871	1.199774932	7.12473502	30637.76368	0.087899663	0.44940892	0.462691416
	8.789623275	1.162801227	7.466737804	34920.67482	0.088159948	0.480282343	0.431557709
	8.597807289	1.216279331	6.980728584	28844.69441	0.088181066	0.436037856	0.475781079
	8.521994904	1.238575866	6.793853921	26529.0036	0.088319437	0.418506634	0.493173929
	8.611445615	1.212342037	7.014649297	29266.25722	0.088352635	0.439124784	0.472522581
	8.702465137	1.186585123	7.243621698	32122.32285	0.088527366	0.460056569	0.451416066
	8.49285645	1.247315775	6.722888638	25653.1131	0.088601642	0.411690572	0.499707786
	8.782174982	1.164833033	7.447319351	34675.75264	0.089046704	0.478262791	0.432690505
	8.530030526	1.236195784	6.813434602	26770.7209	0.089065837	0.420105808	0.490828355
	8.670539967	1.195529584	7.162724105	31110.92756	0.089104071	0.452497594	0.458398336
	8.73950803	1.176396131	7.337848538	33301.78752	0.089125847	0.468395847	0.442478305
	8.800203866	1.160022096	7.493747317	35259.13588	0.089322393	0.482326849	0.428350758
	8.505049499	1.243659373	6.752458337	26017.56087	0.089452552	0.414212978	0.49633447
	8.559897583	1.227375522	6.886731922	27677.68396	0.089710863	0.426774328	0.483514809
	8.733740318	1.177993446	7.323002474	33115.26861	0.089727828	0.466860798	0.443411374
	8.795412187	1.161322255	7.481231632	35101.18797	0.09000067	0.480990929	0.429008401
	8.788955319	1.163049673	7.464568475	34891.67211	0.090065241	0.479479847	0.430454912
	8.697534806	1.188002543	7.230829143	31961.20736	0.090181472	0.458356558	0.451461971
	8.603167858	1.214769465	6.993817927	29006.38925	0.09021428	0.436582143	0.473203577
	8.591799862	1.218063271	6.965572863	28655.47925	0.090298663	0.433931696	0.475769642
	8.491227321	1.247817029	6.71888244	25603.50828	0.090312455	0.410732597	0.498954949
	8.593539675	1.217559407	6.969884366	28708.99905	0.090395515	0.434299975	0.47530451
	8.864941267	1.143066793	7.661538177	37371.67591	0.090516232	0.496850512	0.412633257
	8.534448467	1.234895709	6.824185239	26903.37373	0.090537133	0.420623947	0.48883892
	8.751561222	1.17315058	7.368423093	33684.16227	0.090567959	0.470684789	0.438747253
	8.744107356	1.175180698	7.349351443	33445.00021	0.090571843	0.468964429	0.440463728
	8.600429072	1.215565429	6.986985208	28921.38888	0.09057943	0.435826239	0.473594331

Table 5e: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 5

SPGSCITR 5	8.762420138	1.170206534	7.396240314	34033.12568	0.09064013	0.473164549	0.436195322
	8.512055452	1.2415648	6.769492865	26227.69439	0.090659124	0.41541807	0.493922806
	8.556242928	1.228457906	6.877689086	27565.48911	0.090733043	0.425583589	0.483683369
	8.71181289	1.184058845	7.266971172	32412.90999	0.09101295	0.461366435	0.447620615
	8.680257746	1.192841472	7.187012312	31413.25522	0.091042238	0.454079105	0.454878657
	8.789250066	1.162997999	7.465153572	34898.34863	0.091079888	0.479202496	0.429717615
	8.593019255	1.217715632	6.968562801	28692.46543	0.091131652	0.433929416	0.474938932
	8.867782992	1.142351678	7.668821928	37463.06571	0.091160258	0.497286692	0.41155305
	8.607724683	1.21346278	7.005104258	29146.46463	0.091215234	0.437292389	0.471492377
	8.533172258	1.235273459	6.821065248	26864.81655	0.091261118	0.420083221	0.488655661
	8.689225334	1.190338013	7.209661324	31696.12243	0.091330069	0.456049282	0.452620649
	8.618968687	1.210228021	7.033118668	29494.82062	0.091355558	0.439837764	0.468806678
	8.722438899	1.18113361	7.293965249	32750.66295	0.091377404	0.463693005	0.444929591
	8.77438006	1.166997821	7.426825061	34416.60078	0.091535029	0.475618218	0.432846752
	8.550130987	1.230256713	6.862664924	27379.48305	0.091648048	0.423862617	0.484489335
	8.734401209	1.17785426	7.324428924	33132.12271	0.091674222	0.466350777	0.441975
	8.774421364	1.166990598	7.426906424	34417.52605	0.09174643	0.475555795	0.432697775
	8.564637285	1.225991528	6.898372213	27821.7527	0.09185639	0.427137205	0.481006406
	8.706276485	1.185603282	7.252835093	32235.75623	0.091884696	0.459792918	0.448322386
	8.56733706	1.225198931	6.905038397	27904.40391	0.092124855	0.427668467	0.480206678
	8.604708836	1.214333963	6.997595143	29053.10915	0.092199126	0.436262004	0.47153887
	8.484542941	1.249806262	6.70284011	25406.47924	0.09250673	0.408444218	0.499049052
	8.659027321	1.198824305	7.133435559	30744.30032	0.092631884	0.448641845	0.458726271
	8.518255328	1.239692483	6.784718019	26416.12714	0.092715879	0.41614791	0.491136211
	8.562771898	1.226527435	6.893837235	27765.81282	0.092962369	0.426330592	0.480707039
	8.620031299	1.209920464	7.035784713	29528.04705	0.093116036	0.439483664	0.4674003
	8.529861451	1.236227852	6.813121091	26767.25487	0.093343607	0.418610914	0.488045479
	8.792538539	1.162156035	7.473391592	35000.96727	0.093411445	0.479167371	0.427421184
	8.806433745	1.158458791	7.509237633	35451.63011	0.093445554	0.482360325	0.424194121
	8.564016203	1.226151788	6.896964051	27804.80131	0.093601202	0.426400137	0.479998661
	8.756014565	1.171982858	7.379564561	33822.88968	0.093683008	0.470651655	0.435665337
	8.86083213	1.144201787	7.650347022	37228.68916	0.093716316	0.494813727	0.411469957
	8.794602492	1.161608606	7.478690369	35067.48486	0.0938908	0.479480223	0.426628977
	8.70276626	1.186581433	7.243897992	32123.85625	0.094061676	0.458242461	0.447695862
	8.801808999	1.159691448	7.497268019	35300.99495	0.094147525	0.48105484	0.424797635
	8.788198021	1.163319708	7.462184783	34860.03684	0.09423116	0.477887362	0.427881478
	8.845267681	1.148252576	7.609803338	36717.4494	0.094393887	0.490993592	0.414612521
	8.873333712	1.140980795	7.682900846	37639.1361	0.094425676	0.497455463	0.408118861
	8.709345353	1.184757777	7.260601384	32332.81168	0.094429669	0.459634513	0.445935818
	8.706582042	1.185521848	7.253591031	32245.13473	0.094455782	0.45898834	0.446555877
	8.704260101	1.186163402	7.247710299	32171.62471	0.094605296	0.45840196	0.446992744
	8.487487919	1.248852905	6.710315111	25499.98229	0.094615328	0.408405757	0.496978915
	8.869647304	1.141932999	7.673266222	37517.52472	0.094722262	0.49650435	0.408773388
	8.474712303	1.252699738	6.679510382	25121.04575	0.094783469	0.405402173	0.499814358
	8.692625367	1.18938771	7.218280381	31803.89298	0.095094072	0.455552365	0.449353563
	8.585209952	1.219931595	6.949503227	28457.05637	0.095158869	0.430757778	0.474083353
	8.748254453	1.174085121	7.359741556	33574.43138	0.095206713	0.468343411	0.436449877
	8.703307721	1.186418952	7.245346432	32142.26636	0.095296267	0.457947153	0.44675658
	8.729284865	1.179259018	7.311365301	32968.40869	0.095517835	0.463862688	0.440619478
	8.872815666	1.141120058	7.681509238	37621.42664	0.095569253	0.496946783	0.407483964
	8.844200912	1.14853382	7.607011095	36682.18878	0.095613069	0.490332632	0.414054299
	8.839035874	1.149882032	7.593600243	36513.25028	0.095621468	0.489138594	0.415239938
	8.790134165	1.16279885	7.467192427	34923.04382	0.095670844	0.477843899	0.426485257
	8.799328574	1.160348373	7.490885826	35220.82146	0.095791033	0.479923442	0.424285525
	8.56736649	1.225106262	6.905584726	27913.09592	0.095863427	0.426402864	0.477733709
	8.48601071	1.24923551	6.707077446	25461.49954	0.095949734	0.407610924	0.496439341
	8.559799427	1.227312399	6.887006143	27683.17606	0.096076839	0.424585088	0.479338073
	8.527298148	1.236882164	6.807444552	26699.51713	0.096331058	0.417003003	0.486665939
	8.847750746	1.147606126	7.616253653	36798.71699	0.096413166	0.490879002	0.412707832
	8.604394832	1.214340489	6.997298955	29051.37732	0.096432398	0.434748831	0.468818772
	8.722179843	1.181191024	7.293391393	32743.81443	0.096531023	0.461879272	0.441589705
	8.870918196	1.14160721	7.676569247	37559.14573	0.096536818	0.496179879	0.407283302
	8.620316385	1.209763503	7.036933226	29544.08754	0.096563445	0.438376117	0.465060439
	8.709920917	1.184566182	7.262261619	32354.36447	0.096571083	0.45903844	0.444390477
	8.533596195	1.235001033	6.82291316	26890.97263	0.09665424	0.41834549	0.48500027
	8.800774242	1.159955534	7.494669051	35268.5933	0.096665523	0.479959222	0.423375255
	8.550356634	1.230045367	6.864027509	27399.63909	0.096927527	0.422117832	0.480954641
	8.562262125	1.226552214	6.893282352	27761.78352	0.096956916	0.424853518	0.478189566
	8.757830117	1.17146317	7.384388126	33884.07476	0.096972633	0.46995077	0.433076597
	8.850591254	1.146862485	7.623668896	36892.2818	0.097037492	0.491321606	0.411640902
	8.675280988	1.194181961	7.174777269	31261.77427	0.09713865	0.450856487	0.452004863
	8.720757013	1.181565246	7.289877256	32700.24031	0.097235886	0.46131124	0.441452874
	8.598633673	1.215959653	6.983243447	28877.79639	0.09744842	0.433074377	0.469477203
	8.600398463	1.215442117	6.987668886	28932.94049	0.097631925	0.433418925	0.46894915
	8.47810701	1.25151056	6.688569703	25236.11125	0.097677313	0.405200179	0.497122509
	8.622994354	1.208942282	7.043928469	29632.36935	0.097929417	0.438528823	0.46354176
	8.465710695	1.255230979	6.658869513	24871.54974	0.098001598	0.402230928	0.499767475
	8.690774223	1.189828125	7.214052725	31752.86567	0.098043711	0.454121564	0.447834725
	8.547663245	1.230747563	6.857922862	27326.16049	0.098513956	0.420956746	0.480529298
	8.6222079	1.209138764	7.042133424	29610.70804	0.098518574	0.438146934	0.463334492
	8.724463149	1.18050707	7.299551161	32822.30053	0.098568224	0.461712513	0.439719263
	8.772144858	1.167562121	7.42132115	34348.42152	0.098661695	0.47267723	0.428661075
	8.809759629	1.157536803	7.518092048	35564.01343	0.098667721	0.481350034	0.419982244
	8.780657535	1.165277089	7.443179158	34622.82698	0.098731147	0.474616817	0.426652036
	8.750924382	1.173287258	7.367021953	33667.48398	0.098731284	0.467759603	0.433509113
	8.566394252	1.225245947	6.904003948	27896.81683	0.098755931	0.425194205	0.476049864
	8.620954016	1.209481721	7.039099865	29573.34927	0.098817117	0.437756152	0.463426731
	8.785001369	1.164111385	7.454363975	34763.36252	0.098868665	0.475571805	0.42555953
	8.551463418	1.229601701	6.867404311	27444.11471	0.09897283	0.421676982	0.479350188
	8.498247761	1.245359986	6.73777579	25844.07185	0.099082591	0.409366838	0.491550571
	8.767170001	1.16887979	7.408699063	34190.55524	0.099293143	0.471315003	0.429391854
	8.570937219	1.223878832	6.915427901	28039.29445	0.099418872	0.426016295	0.474564833
	8.846199876	1.147958589	7.612564221	36753.53993	0.099562934	0.489449339	0.410987727
	8.857552366	1.145005422	7.642113132	37126.05137	0.099871486	0.491962478	0.408166035
	8.575480393	1.222512176	6.926874972	28182.15029	0.100071152	0.42684206	0.473086788
	8.533461091	1.234819825	6.823805001	26906.99314	0.100072932	0.41715081	0.482776258
	8.549372217	1.230135739	6.862722991	27388.02586	0.100089611	0.420814615	0.479095774
	8.823540137	1.153864293	7.553963489	36016.24106	0.100114022	0.48403591	0.415850068
	8.764185583	1.169644547	7.401303418	34098.75188	0.100311676	0.470280077	0.429408247
	8.840018009	1.149545337	7.596678732	36554.06556	0.100348675	0.487756234	0.411895091

Table 5f: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 6

SPGSCITR 6							
	8.506966487	1.242638849	6.759546504	26114.98097	0.100512759	0.410890837	0.488596404
	8.721621057	1.181201433	7.292854053	32740.56382	0.100563831	0.460377873	0.439058297
	8.877443704	1.139860463	7.694057815	37781.55199	0.100641648	0.496287773	0.403070579
	8.631345838	1.206407071	7.065653582	29906.20083	0.100702937	0.43951093	0.459786133
	8.845104305	1.148206523	7.609966266	36721.76309	0.100786046	0.488780399	0.410433555
	8.828876726	1.152431178	7.567988	36193.55784	0.101066468	0.484942496	0.413991035
	8.474176918	1.252403699	6.680661777	25145.33836	0.101090628	0.403132115	0.495777257
	8.636892584	1.204797464	7.079697164	30081.72974	0.101212997	0.440616546	0.458170457
	8.507999841	1.242258041	6.762450449	26152.41306	0.101309109	0.410858122	0.487832769
	8.605079722	1.213861124	7.000626477	29099.2613	0.101429776	0.433205969	0.465364254
	8.60573506	1.213672263	7.002255815	29119.50814	0.101439118	0.433353927	0.465206956
	8.60344068	1.214323673	6.996610106	29049.58829	0.101536636	0.432791599	0.465671766
	8.524622696	1.237298181	6.802993352	26653.05593	0.101608511	0.414589847	0.483801642
	8.731044198	1.178566072	7.317156842	33046.07773	0.101647945	0.462182103	0.436169952
	8.518066209	1.239222953	6.787136079	26457.79188	0.101781674	0.413018831	0.485199494
	8.839677893	1.14956145	7.596276382	36550.84866	0.102250085	0.487030668	0.410719248
	8.479685517	1.250623846	6.694574191	25319.09121	0.102261924	0.404003888	0.493734188
	8.752081741	1.172804875	7.371038889	33721.9831	0.102441612	0.46676374	0.430794648
	8.716555955	1.182476989	7.280703671	32591.35886	0.102551436	0.458533276	0.438915288
	8.598486987	1.215659861	6.984844909	28905.60495	0.102605418	0.43128541	0.466109173
	8.610994031	1.212054108	7.015943083	29292.05396	0.102803873	0.434102287	0.46309384
	8.551936467	1.229139003	6.870374343	27488.23691	0.10288984	0.420452959	0.476657201
	8.627311884	1.207367879	7.056689709	29799.09779	0.103165065	0.437742641	0.459092294
	8.536874928	1.23352466	6.833737341	27036.22723	0.103211802	0.416869835	0.479918363
	8.755863693	1.171733969	7.381003304	33848.06363	0.103250659	0.467360596	0.429388746
	8.721148897	1.181158928	7.292716751	32743.027	0.103425403	0.459295071	0.437279526
	8.695586722	1.188192026	7.228036496	31934.75325	0.103457239	0.453388994	0.443153767
	8.746923485	1.174126929	7.358345914	33564.78481	0.103619328	0.465173299	0.431207373
	8.727445965	1.17942258	7.308792214	32944.47417	0.103633374	0.460676542	0.435690084
	8.51882019	1.238793514	6.790097543	26498.9638	0.103737231	0.412527161	0.483735609
	8.639540131	1.203846407	7.08748947	30183.4263	0.103780464	0.440353318	0.455866218
	8.843174769	1.148562796	7.605925772	36674.59823	0.104039278	0.487228194	0.408732528
	8.599678426	1.215166903	6.988658931	28956.42564	0.104220047	0.431010659	0.464769294
	8.79106313	1.162236767	7.471603013	34986.30185	0.104359203	0.475101134	0.420539662
	8.644672044	1.202344425	7.100611497	30347.9453	0.104361123	0.441339236	0.45429964
	8.668931098	1.195516006	7.161459703	31106.21869	0.104538435	0.446873601	0.448587964
	8.791523425	1.162097078	7.472897224	35002.98677	0.104623012	0.475117505	0.420259484
	8.547228243	1.230329349	6.859900445	27363.03884	0.104644774	0.418769855	0.476585371
	8.534994087	1.233916613	6.830042321	26994.25796	0.104658161	0.415943813	0.479398026
	8.584550317	1.219447513	6.951721028	28500.13229	0.104940066	0.427276707	0.467783226
	8.810352697	1.157095103	7.52147449	35613.71898	0.104945383	0.479350263	0.415704354
	8.834419566	1.150786292	7.583621938	36395.28485	0.104977205	0.484889822	0.410132973
	8.481269581	1.249802794	6.70023961	25396.43842	0.105086812	0.403407785	0.491505403
	8.760623121	1.170319765	7.393989219	34014.06864	0.105148912	0.467812179	0.427038909
	8.592056704	1.217248505	6.970446275	28733.07133	0.105266528	0.428896749	0.465836723
	8.843503853	1.148387968	7.607370243	36695.06683	0.105532006	0.486796052	0.407671943
	8.592501825	1.217080529	6.971774031	28750.45976	0.105626292	0.428876962	0.465496746
	8.504698991	1.242744651	6.757146438	26098.17836	0.105631768	0.40862569	0.485742542
	8.485157569	1.248557998	6.710033642	25518.65604	0.105684329	0.404101087	0.490214584
	8.663523113	1.196915795	7.148566133	30948.21819	0.105748422	0.445214584	0.449036994
	8.590849181	1.217537942	6.967797464	28701.57749	0.105785942	0.428441488	0.46577257
	8.741434173	1.175438421	7.345465846	33407.81966	0.105937823	0.463118255	0.430943922
	8.695709473	1.187936836	7.229692536	31960.76516	0.10607566	0.452526147	0.441398193
	8.742023772	1.175236757	7.34722797	33430.90803	0.106424879	0.463088465	0.430486656
	8.655156776	1.199163003	7.128193045	30696.77409	0.106694284	0.442963193	0.450342523
	8.84387607	1.148207051	7.608893069	36716.39291	0.106763839	0.48646265	0.406773511
	8.762538304	1.169672567	7.399717994	34089.14348	0.106784872	0.46769708	0.425518048
	8.706559616	1.184859754	7.257625378	32311.7181	0.106992444	0.454716427	0.43829113
	8.816658574	1.155285859	7.538711832	35834.18926	0.107040449	0.48009151	0.41286804
	8.795666622	1.160813746	7.48472807	35156.1549	0.107094886	0.475231743	0.417673371
	8.635498765	1.204653653	7.079385304	30090.53829	0.107099503	0.438291678	0.454608818
	8.719314924	1.181342043	7.290033889	32717.23759	0.107220602	0.457580451	0.435198947
	8.825502471	1.152954204	7.561628241	36122.69168	0.107243068	0.482062163	0.410694769
	8.824034333	1.153337704	7.557840958	36075.07779	0.107246778	0.481722313	0.41103091
	8.535276176	1.23349542	6.832603219	27033.56011	0.107285462	0.415114691	0.477599847
	8.815700645	1.155487575	7.536566761	35808.48526	0.107655268	0.479661341	0.412683391
	8.76740213	1.168285496	7.412666477	34253.49211	0.107714099	0.468502539	0.423783361
	8.741177173	1.175327383	7.34594114	33418.20755	0.107916511	0.462385556	0.429697934
	8.856132688	1.144950916	7.641236993	37125.83694	0.1079254	0.488893989	0.403180611
	8.564443379	1.224847111	6.904659289	27927.10496	0.108295655	0.421497527	0.470206818
	8.580225504	1.220274108	6.943467907	28407.62866	0.108365156	0.425113604	0.46652124
	8.606199912	1.212804129	7.007651368	29203.60857	0.108499176	0.431058304	0.46044252
	8.638439829	1.203653282	7.087712517	30198.09812	0.108524425	0.438484998	0.452990578
	8.539810899	1.231978654	6.844696109	27187.12322	0.108588451	0.415717045	0.475694505
	8.645136397	1.201752104	7.104497648	30407.22327	0.108648724	0.43998708	0.451364196
	8.735732472	1.176721816	7.332609083	33253.36173	0.108711522	0.460859304	0.430429174
	8.717576692	1.181659778	7.28660267	32678.18137	0.108744165	0.456661042	0.434594793
	8.635773836	1.20434332	7.081437908	30121.54991	0.109013463	0.437703717	0.45328282
	8.59769612	1.215162361	6.987053746	28949.84576	0.109038026	0.428913736	0.462048238
	8.635029744	1.204549026	7.079610844	30098.93831	0.109046547	0.437520852	0.453432601
	8.507272952	1.24147125	6.766150689	26220.54549	0.109078597	0.408046208	0.482875195
	8.504813241	1.242161044	6.760413141	26150.76834	0.109308405	0.407400727	0.483290867
	8.809900044	1.156849442	7.522680422	35638.08133	0.109460577	0.477709164	0.412830258
	8.5282719	1.235206286	6.817468951	26854.66632	0.109571823	0.412721197	0.47770698
	8.696767988	1.187271979	7.234632622	32031.4372	0.109574395	0.451579502	0.438846103
	8.614115572	1.210398975	7.028115814	29461.06215	0.109606193	0.432507079	0.457886728
	8.576188564	1.22125144	6.934605674	28302.2273	0.109670302	0.423738395	0.466591303
	8.568849974	1.223365032	6.916626156	28079.87645	0.109707751	0.422033198	0.468259051
	8.833642541	1.150613942	7.584082573	36410.63187	0.109786517	0.483073815	0.407139668
	8.585630818	1.218515677	6.957923959	28591.35642	0.109788745	0.425875691	0.464335563
	8.75839825	1.170466754	7.391159828	33989.778	0.110026033	0.465639186	0.424334781
	8.484799636	1.247909917	6.713231557	25574.8364	0.110400458	0.402413446	0.487186096
	8.483790205	1.248202749	6.710847907	25545.72314	0.110442048	0.402166493	0.487391459
	8.49828294	1.243899678	6.745714059	25974.29296	0.110443568	0.405508343	0.484048089
	8.476497319	1.250363191	6.693419947	25331.98758	0.110510299	0.400461353	0.489028349
	8.721987911	1.18024155	7.299096117	32839.56811	0.110615533	0.45704147	0.432342997
	8.830378759	1.151378815	7.576209713	36313.77266	0.11065711	0.482024811	0.407318079
	8.695584015	1.187456343	7.232512307	32008.40085	0.110720802	0.45091628	0.438362918
	8.488459225	1.246761656	6.722349688	25688.2204	0.110732151	0.403144546	0.486123304
	8.568476594	1.223307595	6.916645683	28083.93144	0.110771288	0.421585122	0.46764359

Table 5g: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 7

SPGSCITR 7	8.697551821	1.186897587	7.237575099	32071.99832	0.110857315	0.451323641	0.437819043
	8.580540879	1.219800423	6.94642281	28453.07875	0.110957626	0.424304013	0.464738361
	8.570807831	1.222534413	6.922926947	28163.93667	0.111389277	0.421912433	0.466698289
	8.722497088	1.180003693	7.300998923	32865.77471	0.111416851	0.456886177	0.431696973
	8.777770086	1.165121772	7.441693135	34627.25858	0.11154023	0.469591445	0.418868324
	8.489421685	1.246321609	6.72549543	25730.33865	0.111560957	0.403084435	0.485354608
	8.84094038	1.14850982	7.604331136	36670.71269	0.11191091	0.484033851	0.404055239
	8.736904353	1.176013816	7.338020043	33330.64529	0.112067189	0.459987496	0.427945315
	8.667691011	1.194979955	7.163634485	31154.39154	0.112121047	0.444006933	0.44387202
	8.587708778	1.217530014	6.965263513	28691.30175	0.112269219	0.425510711	0.46222007
	8.710681909	1.1830906	7.271962532	32506.32037	0.11243409	0.453815109	0.433750801
	8.821736411	1.153419844	7.55531046	36056.43401	0.112626374	0.47936146	0.408012166
	8.544550228	1.229893099	6.860156249	27394.02661	0.112810769	0.415373017	0.471816214
	8.48048159	1.248705755	6.705494998	25490.76178	0.112932925	0.4005557	0.486511375
	8.566166603	1.223605516	6.913073778	28048.27873	0.1129541	0.420309483	0.466736417
	8.688678615	1.1890513	7.217003353	31822.35525	0.112961175	0.448561241	0.438477585
	8.612840398	1.210232689	7.028027815	29472.36644	0.113073899	0.431032791	0.45589331
	8.791555932	1.161268547	7.478256907	35090.82065	0.113216136	0.472200408	0.414583457
	8.65051486	1.199591491	7.121777314	30637.66385	0.113283801	0.439649974	0.447066225
	8.799403907	1.159189513	7.498439569	35344.31614	0.113302682	0.473980881	0.412716437
	8.627771353	1.205940104	7.065425494	29938.19398	0.113502461	0.434330364	0.452167175
	8.782839778	1.163536193	7.456191252	34815.03447	0.113512863	0.470089268	0.416397869
	8.512030425	1.239232205	6.782214822	26437.20224	0.11368013	0.407577303	0.478742567
	8.594657845	1.215300343	6.983760434	28926.05835	0.113686772	0.426630878	0.45968235
	8.520455431	1.236752509	6.802625404	26688.67637	0.113719799	0.409506807	0.476773394
	8.740475364	1.174820217	7.348514984	33467.56161	0.113786666	0.460225846	0.425987487
	8.780198906	1.164172737	7.449845915	34737.07168	0.114000742	0.469314175	0.416685083
	8.545810792	1.2293021	6.864479771	27452.53656	0.1140047	0.415257389	0.470737911
	8.725116257	1.178937059	7.309826078	32984.7768	0.114036669	0.456598587	0.429364744
	8.672809413	1.193266644	7.178209547	31342.94595	0.114062566	0.444526579	0.441410855
	8.568475692	1.222731085	6.919906104	28137.5696	0.114097921	0.420452724	0.465449355
	8.8497324	1.145983139	7.628769309	36984.76468	0.11421444	0.485277512	0.400508048
	8.647529805	1.200268771	7.11527169	30560.50641	0.11425561	0.438630803	0.447113587
	8.567578702	1.222945139	6.917961432	28114.55251	0.114333343	0.420165733	0.465500924
	8.815883236	1.154738566	7.541613396	35889.66911	0.114362517	0.477420698	0.408216784
	8.537729295	1.231499233	6.845670439	27223.96556	0.11477153	0.413132621	0.472095849
	8.737647355	1.175433074	7.342277621	33393.2462	0.114831201	0.459218143	0.425950656
	8.614112105	1.209546306	7.033067414	29542.54339	0.114956746	0.430685266	0.454357988
	8.81086891	1.155948761	7.529380025	35738.59133	0.115134289	0.47600161	0.4088641
	8.811471115	1.15578752	7.530951463	35758.41713	0.115163142	0.476130673	0.408706185
	8.555463447	1.226267342	6.889339509	27764.91632	0.115221061	0.417069542	0.467709397
	8.721663191	1.179692774	7.302216293	32894.13763	0.115248486	0.455389797	0.429361717
	8.791004242	1.161138636	7.478618465	35102.28465	0.115319557	0.471357294	0.413323149
	8.727366181	1.178129504	7.316746379	33076.10638	0.115367059	0.456664686	0.427968254
	8.62472441	1.206470106	7.059796151	29876.06894	0.115401279	0.432981421	0.451617299
	8.603088928	1.212579717	7.006382682	29213.85039	0.11545179	0.427974577	0.456573633
	8.646794387	1.200243172	7.114810722	30560.27835	0.11560751	0.438001091	0.446391399
	8.483203115	1.247295313	6.715259513	25624.15851	0.115721704	0.400234212	0.484044084
	8.605360803	1.211864639	7.012391593	29289.96943	0.115825031	0.428371496	0.455803473
	8.670616875	1.193582729	7.174471672	31303.38876	0.115830367	0.443419272	0.440750361
	8.509592005	1.239481241	6.77888485	26406.81327	0.115895675	0.406260904	0.477843421
	8.612527753	1.209804402	7.030257405	29512.16637	0.115986423	0.429969435	0.454044141
	8.635399836	1.203355733	7.086938806	30215.77163	0.116030575	0.435229252	0.448740173
	8.544421758	1.229290516	6.863414505	27448.90483	0.116059686	0.414237649	0.469702665
	8.571934105	1.221320721	6.930728809	28281.00314	0.116232478	0.420523838	0.463243684
	8.722786129	1.179222572	7.306080241	32946.46453	0.116301816	0.455290282	0.428407902
	8.732138163	1.176690365	7.329750479	33242.28498	0.116326287	0.457438753	0.42623496
	8.49122395	1.244782899	6.735256855	25872.87716	0.116343772	0.401872291	0.481783937
	8.813194193	1.155127782	7.536744363	35836.47108	0.116692708	0.476007482	0.407299811
	8.653031939	1.198301407	7.131545112	30773.15904	0.116737681	0.439054974	0.444207345
	8.537434922	1.231166735	6.847280131	27253.38636	0.116760347	0.412387855	0.470851797
	8.795319153	1.159779425	7.491103538	35264.49671	0.116887048	0.471818933	0.411294019
	8.791056031	1.160853216	7.480501853	35132.74574	0.117204443	0.470727734	0.412067823
	8.571239093	1.221316408	6.93018422	28278.99557	0.117215696	0.420028923	0.462755382
	8.769358718	1.166586519	7.425139225	34439.08467	0.117219642	0.465718648	0.41706171
	8.519961157	1.236115523	6.805731022	26744.70199	0.117371176	0.408150102	0.474478722
	8.688007683	1.188522352	7.219650747	31872.61034	0.11737247	0.446905163	0.435722367
	8.532147122	1.232510595	6.835523977	27112.89284	0.117620098	0.410875755	0.471504147
	8.574862699	1.220177164	6.939624467	28398.03775	0.117692149	0.420702455	0.461605396
	8.595416553	1.21431564	6.990048451	29021.89994	0.117696904	0.425441041	0.456862055
	8.716526578	1.180682777	7.291742837	32773.23075	0.117718441	0.453364546	0.428917013
	8.551902926	1.226717573	6.883908502	27711.18942	0.117949267	0.415319881	0.466730852
	8.518903609	1.236212534	6.804341468	26732.42135	0.118276683	0.407598025	0.474125292
	8.542463183	1.229357556	6.86144706	27436.12899	0.118331307	0.413012829	0.468655864
	8.797264844	1.159034985	7.497593739	35351.79411	0.118423524	0.471744729	0.409831747
	8.751969112	1.170978066	7.382442052	33910.67473	0.11868969	0.461207876	0.420102434
	8.691784168	1.187237315	7.230646022	32015.70167	0.118746695	0.447308404	0.433944901
	8.547948839	1.227647361	6.875473944	27611.99414	0.11887431	0.414093145	0.467032545
	8.60956973	1.210041651	7.02643444	29478.86443	0.118966245	0.428273089	0.452760665
	8.707184873	1.182954263	7.269844441	32506.45124	0.119196249	0.450707169	0.430096582
	8.512819345	1.237747247	6.790989006	26573.63551	0.119265681	0.405858254	0.474876065
	8.748381429	1.171787643	7.374279871	33812.29562	0.119548111	0.460088315	0.420363574
	8.620281295	1.206859784	7.053835093	29822.44942	0.119742983	0.430479074	0.449777943
	8.834660445	1.149089762	7.595028116	36580.49099	0.119846272	0.479884819	0.400268909
	8.572075563	1.220491433	6.935553942	28358.95493	0.119857061	0.419322867	0.460820072
	8.769437076	1.166073666	7.428472085	34493.12175	0.120189767	0.464725863	0.41508437
	8.780461798	1.163141957	7.456674013	34846.75497	0.120300747	0.467230654	0.412468599
	8.606818068	1.210513706	7.02142126	29423.92158	0.120357634	0.427164944	0.452477422
	8.718219561	1.179742957	7.298986712	32875.45206	0.120368763	0.452852974	0.426778263
	8.49911297	1.241471341	6.759577362	26194.0237	0.120370451	0.402321241	0.477308308
	8.647900568	1.199011565	7.12304153	30684.60128	0.120371434	0.436634843	0.442993723
	8.501510898	1.240762597	6.765371167	26265.34404	0.120397474	0.402865063	0.476737463
	8.798123542	1.158487255	7.501879806	35413.70666	0.120400515	0.471269914	0.408329571
	8.634031953	1.202866872	7.088681843	30258.12087	0.120403164	0.433425613	0.446171222
	8.785693953	1.161738957	7.470182956	35016.63576	0.120448728	0.468386948	0.411164324
	8.687129559	1.18812729	7.221312259	31908.72101	0.120717766	0.445564105	0.433718129
	8.529067465	1.232645758	6.832276029	27090.26542	0.120765474	0.409095013	0.470139513
	8.536561044	1.230451838	6.850548215	27315.88035	0.120867447	0.410788504	0.46834405
	8.660899661	1.195303004	7.156016703	31097.00368	0.120881926	0.439459	0.439659074
	8.82997699	1.15010624	7.58424334	36449.93175	0.121030791	0.478401563	0.400567646

Table 5h: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 8

SPGSCITR 8	8.767749802	1.166363585	7.425179004	34455.82813	0.121066745	0.464038266	0.414894989
	8.577143145	1.218758681	6.949572444	28538.86296	0.121072587	0.420077878	0.458849535
	8.72959343	1.176528254	7.32859751	33248.76764	0.121144972	0.455211881	0.423643147
	8.651063119	1.197843992	7.132624765	30810.60596	0.121715363	0.436906808	0.441377829
	8.827135967	1.150715397	7.57775953	36371.6928	0.121766599	0.47749593	0.400737471
	8.715722875	1.180132526	7.294461675	32825.98867	0.12182152	0.451782746	0.426395734
	8.508415893	1.238337133	6.784198155	26505.97048	0.121932909	0.403934946	0.474132145
	8.528120908	1.232582945	6.831856262	27092.82643	0.122059705	0.408436234	0.46950406
	8.828175298	1.150388176	7.580818445	36411.61416	0.122109766	0.477618831	0.400271404
	8.656113514	1.196312185	7.145979307	30979.76466	0.122321972	0.437865094	0.439812934
	8.739515418	1.173611275	7.355266776	33588.21816	0.122454839	0.457054324	0.420490837
	8.751465845	1.170338172	7.386048458	33975.0275	0.122887662	0.459663068	0.41744927
	8.752606616	1.170018061	7.389044242	34012.89605	0.122971999	0.459897453	0.417130548
	8.757799072	1.168544222	7.402807281	34187.35334	0.123448885	0.460932652	0.415618462
	8.58575706	1.215700949	6.974137568	28856.78414	0.123535758	0.421226131	0.45523811
	8.737519444	1.173894066	7.351794594	33551.06558	0.123686036	0.456174979	0.420138985
	8.811743094	1.154329624	7.540698526	35916.02226	0.123812863	0.473249542	0.402937595
	8.814905859	1.153502836	7.548845299	36018.39711	0.123852334	0.473965517	0.402182149
	8.698892806	1.1842449	7.254919492	32343.87834	0.123918434	0.447187668	0.428893898
	8.500793675	1.23995979	6.769172959	26335.05018	0.124044346	0.401458473	0.47449718
	8.775885051	1.163609531	7.449744454	34778.54134	0.124240236	0.464834377	0.410925386
	8.519483097	1.234438592	6.814589042	26895.18406	0.12438047	0.405654299	0.469965231
	8.657048665	1.195561642	7.151247551	31057.06807	0.124452851	0.437355536	0.438191613
	8.751333338	1.170029673	7.387882669	34006.52266	0.124569014	0.459060275	0.41637071
	8.724089344	1.177279172	7.319247765	33150.01889	0.124676798	0.452740483	0.422582719
	8.767634403	1.165692516	7.42935456	34525.66391	0.124681985	0.462781238	0.412536778
	8.499878473	1.240009911	6.768161286	26327.56165	0.124773771	0.400999153	0.474227076
	8.579010793	1.217179408	6.960123823	28693.74121	0.1251695	0.419114253	0.455716246
	8.639826476	1.200142962	7.109598898	30544.23056	0.125174635	0.43313804	0.441687325
	8.753430804	1.169329869	7.394097793	34087.77769	0.125244838	0.45931399	0.415441172
	8.776303354	1.163210379	7.452660427	34822.32179	0.125648083	0.4644517	0.409900217
	8.565869169	1.220728973	6.929120187	28315.19301	0.12581447	0.415863975	0.458321556
	8.718497505	1.178482798	7.307027412	33004.93035	0.126002334	0.450999739	0.422997928
	8.621112575	1.20508559	7.064909951	29996.30182	0.126171096	0.428483035	0.445345869
	8.501486271	1.239046345	6.774722276	26419.40236	0.126395101	0.400818144	0.472786755
	8.661140664	1.193932839	7.164430853	31232.99409	0.126503462	0.437601341	0.435895197
	8.632010942	1.201950205	7.092406584	30339.59751	0.126573704	0.430859432	0.442566864
	8.728896555	1.175532935	7.33420979	33348.05019	0.126713013	0.453156132	0.420130855
	8.587280097	1.214395286	6.982890001	28985.51848	0.126790461	0.420469671	0.452739868
	8.568477819	1.219652493	6.937374761	28424.88219	0.126988791	0.416065921	0.456945288
	8.556483895	1.223052298	6.908283897	28066.31929	0.127014122	0.413291218	0.45969466
	8.738269017	1.172961945	7.35827591	33650.17802	0.127022006	0.45521248	0.417765514
	8.523385773	1.232496492	6.828493571	27084.86645	0.127110108	0.40562534	0.467264552
	8.525491842	1.231870036	6.833675794	27149.04573	0.127176862	0.406088331	0.466734808
	8.712983867	1.179641979	7.29517313	32865.08115	0.127368648	0.44926315	0.423368201
	8.619853857	1.205061307	7.064007787	29994.04972	0.127560839	0.427719758	0.444719402
	8.718073924	1.178225048	7.308266398	33029.54567	0.127579294	0.450365346	0.42205536
	8.641382442	1.199081799	7.11718838	30653.50678	0.127612189	0.432667282	0.439720529
	8.683889108	1.187429099	7.22282932	31966.07896	0.127664564	0.442452499	0.429882937
	8.651422877	1.196290013	7.142190764	30964.35505	0.127709589	0.434949695	0.437340716
	8.795518348	1.157735138	7.504503116	35482.90821	0.1277784	0.468158097	0.404063503
	8.513241798	1.235200109	6.805334893	26805.37984	0.127805622	0.403049188	0.46914519
	8.530745133	1.230112766	6.847708575	27327.33153	0.127976381	0.407027754	0.464995865
	8.562994791	1.220878362	6.925917977	28291.26513	0.1281006	0.414423011	0.457476389
	8.673509146	1.190141349	7.197647366	31655.6723	0.128101169	0.43991004	0.431988791
	8.7511834	1.169273806	7.392530269	34084.46825	0.128148899	0.457807314	0.414043787
	8.652012445	1.195936383	7.144795634	31001.30567	0.128426603	0.434841634	0.436731763
	8.604571349	1.209000113	7.028353316	29560.41095	0.128698461	0.423808071	0.447493468
	8.671230883	1.190599177	7.192966071	31601.45447	0.128722737	0.439173073	0.43210419
	8.717952742	1.177960345	7.309805786	33056.07817	0.128790884	0.449925045	0.421284071
	8.552546602	1.223501503	6.902529487	28011.0406	0.129214004	0.411634475	0.459151522
	8.78222144	1.160827104	7.473059519	35098.67615	0.129415835	0.464534229	0.406049936
	8.600608911	1.209875184	7.019994809	29462.55012	0.12948861	0.422625319	0.447886071
	8.707211388	1.180611394	7.284293572	32743.85314	0.129690332	0.447141715	0.423167952
	8.530087436	1.22974987	6.849194497	27358.34973	0.129695361	0.406291034	0.464013604
	8.522398	1.231825998	6.83140851	27142.69064	0.130074323	0.404388692	0.465536985
	8.610555751	1.206871334	7.045709112	29786.04437	0.130264661	0.424655173	0.445080166
	8.566848227	1.219117448	6.939082728	28469.27167	0.130270085	0.414573339	0.455156576
	8.517631334	1.232963448	6.821240284	27023.10487	0.130751412	0.403058945	0.466189643
	8.652998032	1.194766544	7.152616284	31120.08805	0.131625373	0.43398026	0.434394367
	8.568844768	1.218092145	6.946562625	28572.3396	0.131705808	0.414545153	0.453749039
	8.696587262	1.182902973	7.261200676	32470.25007	0.131787156	0.443977906	0.424234939
	8.545691246	1.22456596	6.890931256	27888.82024	0.131913062	0.409134867	0.458952071
	8.555906308	1.221629351	6.915857829	28196.67524	0.132045106	0.411445762	0.456509133
	8.541810163	1.225569554	6.882121654	27782.726	0.132199422	0.408142337	0.45965824
	8.795917446	1.156581577	7.512333086	35607.70878	0.132288787	0.466715068	0.400996145
	8.619439377	1.203779652	7.071184469	30116.24044	0.132325319	0.426002621	0.44167206
	8.63935151	1.19824428	7.120468052	30727.76192	0.132494172	0.430537362	0.436968466
	8.629560556	1.200911644	7.096499732	30431.42766	0.132570831	0.428253246	0.439175923
	8.708598807	1.179420017	7.292828073	32870.35899	0.132729751	0.446427248	0.420843001
	8.65188168	1.194737607	7.151855131	31118.73171	0.132749312	0.43334028	0.433910407
	8.643517386	1.19701555	7.131257391	30863.57198	0.132779295	0.431401072	0.435819633
	8.55833243	1.220644787	6.923423689	28296.86137	0.132930383	0.411703986	0.45536563
	8.695077251	1.1828255	7.260399658	32472.1746	0.133488382	0.443050664	0.423460953
	8.654685847	1.193745495	7.160148024	31227.09599	0.1334982	0.43373211	0.432769689
	8.528829739	1.228784388	6.853552525	27442.6099	0.133547593	0.404689907	0.461762501
	8.697680389	1.181969486	7.267860207	32568.85832	0.134030031	0.443466664	0.422503305
	8.577983776	1.214620715	6.973940323	28931.27258	0.134408501	0.415732987	0.449858512
	8.51296913	1.23297458	6.817397431	27006.51761	0.134444434	0.400726843	0.464828723
	8.778236851	1.160571498	7.471272104	35109.12167	0.134575455	0.461859258	0.403565287
	8.753673533	1.166856559	7.409978601	34346.56645	0.135008459	0.456047007	0.408944534
	8.672408238	1.188322537	7.207737443	31832.64837	0.135492837	0.437140455	0.427366708
	8.636008685	1.198200664	7.117937374	30719.56421	0.135527761	0.428733972	0.435738267
	8.579063216	1.213912961	6.978895598	29001.9852	0.135574209	0.415585193	0.448840598
	8.625657277	1.200932707	7.093125063	30414.95209	0.135839375	0.426240638	0.437919987
	8.768681568	1.162613587	7.449930286	34853.63283	0.136175683	0.45911096	0.404713357
	8.75150166	1.167080404	7.406696431	34314.29827	0.136223636	0.455132547	0.408643817
	8.687580662	1.183828632	7.247914972	32341.78568	0.136809418	0.440191488	0.422999093
	8.739901524	1.169918168	7.378815345	33971.69658	0.136917452	0.452221147	0.4108614
	8.524667056	1.228370454	6.852473236	27466.48399	0.137770199	0.402292767	0.459937034

Table 5i: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 9

SPGSCITR 9	8.622603207	1.201071234	7.08976418	30390.21118	0.137876855	0.424842859	0.437280286
	8.55178818	1.220665102	6.917947247	28272.22441	0.137948129	0.408486982	0.453564889
	8.653301458	1.192635793	7.165649487	31331.4309	0.138103586	0.431845435	0.430050979
	8.761513627	1.163884387	7.435637361	34690.21455	0.138221434	0.45676161	0.405016956
	8.606000982	1.205195609	7.051726312	29930.56618	0.139072482	0.420607072	0.440320446
	8.734084724	1.17074217	7.368653446	33862.71622	0.139215885	0.450097405	0.410686711
	8.617126866	1.202036836	7.07951305	30276.35851	0.13936772	0.423072482	0.437559798
	8.627957393	1.198940202	7.106831503	30617.40181	0.139752181	0.42543941	0.434808409
	8.701298386	1.179167701	7.288197412	32867.19561	0.139906257	0.442301138	0.417792605
	8.611139141	1.20334508	7.066840497	30127.79082	0.14026353	0.42138669	0.438349779
	8.684579249	1.183423734	7.247858569	32370.87207	0.140471577	0.438252908	0.421275515
	8.553539575	1.219095554	6.928290527	28424.84227	0.140688323	0.407958295	0.451353382
	8.543147192	1.221997637	6.903332328	28118.24026	0.140688793	0.405561405	0.453749801
	8.576252063	1.212777753	6.983110176	29099.42037	0.140709453	0.41318914	0.446101407
	8.565387338	1.215748262	6.957111275	28780.42376	0.140814245	0.410647812	0.448537942
	8.657299778	1.190591192	7.181313315	31549.09474	0.140873942	0.431824676	0.427301381
	8.686259107	1.182762816	7.253328898	32444.05239	0.141090313	0.438429742	0.420479945
	8.549722004	1.219883535	6.920685759	28337.93067	0.141365946	0.40684725	0.451786805
	8.524429449	1.226944329	6.860244471	27596.68551	0.141410344	0.400999078	0.457590578
	8.610896464	1.202948066	7.06897106	30165.26222	0.141488602	0.420913781	0.437597617
	8.522408008	1.227240494	6.856941777	27562.57544	0.142045421	0.400316743	0.457637836
	8.629549538	1.197613132	7.116035986	30752.88062	0.142164468	0.424985596	0.432849936
	8.654641026	1.190818546	7.177709535	31516.40535	0.142218397	0.430753932	0.427027671
	8.57843311	1.211544314	6.992019704	29224.1586	0.142291037	0.413153863	0.4445551
	8.554572708	1.218074165	6.93494826	28524.02091	0.142473981	0.407588826	0.449937192
	8.667523794	1.187209969	7.210377793	31924.9227	0.142640664	0.433581288	0.423778049
	8.653770413	1.190848953	7.176795172	31510.07156	0.142768087	0.430366066	0.426865847
	8.654455649	1.190511761	7.179403456	31546.12166	0.143178041	0.430384573	0.426437386
	8.675472056	1.184837998	7.231520829	32193.21209	0.143326341	0.435180981	0.421492678
	8.599281375	1.205372554	7.045116422	29889.03924	0.143399034	0.417584869	0.439016098
	8.621772742	1.198998759	7.101326237	30588.69475	0.144028785	0.422557579	0.433413636
	8.658347201	1.189040336	7.191560744	31707.17571	0.14431191	0.430896155	0.424791935
	8.529310817	1.224304034	6.879026112	27856.80234	0.144338059	0.401128415	0.454533526
	8.673255596	1.184954298	7.228940569	32172.93518	0.144600965	0.434236006	0.421163029
	8.567402112	1.213547168	6.971390104	28995.14186	0.144783641	0.409761518	0.445454841
	8.643928987	1.192648545	7.157714337	31294.63401	0.144974086	0.427345608	0.427680306
	8.575063266	1.211307223	6.990606268	29234.60808	0.145092711	0.411423172	0.443484117
	8.680854561	1.182737682	7.248913512	32425.47121	0.145129961	0.435808468	0.419061572
	8.759071587	1.162239139	7.444061983	34853.20764	0.14531448	0.453784363	0.400901157
	8.561629443	1.214823583	6.959313403	28854.22449	0.145510106	0.408182958	0.446306936
	8.599342225	1.204474879	7.050417553	29975.62658	0.14554629	0.416868102	0.437585608
	8.626009198	1.197217167	7.115432383	30778.35565	0.145614614	0.422994883	0.431390503
	8.629289778	1.196298379	7.123639496	30880.54484	0.145698487	0.423722917	0.430578596
	8.564660966	1.213893926	6.967140531	28952.65406	0.14572643	0.408808475	0.445465095
	8.626115424	1.196753101	7.118280306	30824.13754	0.146678162	0.422657412	0.430664426
	8.576232996	1.210098715	6.99855433	29353.64476	0.147136476	0.410997362	0.441866162
	8.683314623	1.181228632	7.260256815	32587.45131	0.147367274	0.435614366	0.41701836
	8.677386773	1.182634792	7.246611913	32422.29115	0.147769838	0.434110255	0.418119907
	8.534186272	1.221373811	6.899521505	28145.167	0.147783381	0.401080225	0.451136394
	8.594271917	1.204891249	7.043773057	29917.03743	0.1477969	0.414932794	0.437270305
	8.542731539	1.21897875	6.920087935	28398.00199	0.147854803	0.403026658	0.449118539
	8.561283191	1.2138688	6.964502089	28943.03329	0.147863714	0.407302075	0.444834211
	8.667246516	1.1852385	7.22213725	32121.12134	0.147967347	0.431704451	0.420328201
	8.736352048	1.1671323	7.393386896	34246.87204	0.148016934	0.447624944	0.404358122
	8.681850001	1.1813429	7.258314754	32570.15348	0.148058191	0.435041442	0.416900366
	8.724619738	1.170088279	7.364682216	33892.04516	0.148236508	0.444844466	0.406919026
	8.744214699	1.16498391	7.413770464	34503.52538	0.148339917	0.449328333	0.40233175
	8.600982252	1.202820823	7.061476402	30141.12819	0.148369661	0.416285422	0.435344917
	8.586532017	1.20668904	7.026864701	29716.31873	0.148489141	0.412912192	0.438598667
	8.677035723	1.182432854	7.247552616	32441.27483	0.148508302	0.433777965	0.417713733
	8.726583923	1.169449948	7.370381723	33966.15186	0.148577166	0.445181514	0.406241321
	8.682876593	1.180810879	7.262454425	32627.97908	0.148715225	0.435054583	0.416230192
	8.627507898	1.195441538	7.127254852	30957.83096	0.148905773	0.422220402	0.428873825
	8.716947299	1.171771816	7.347553327	33687.0244	0.149043754	0.442800281	0.408155965
	8.706855639	1.174283473	7.323243869	33388.086	0.14933774	0.44037285	0.41028941
	8.695294373	1.177294317	7.294695005	33034.11164	0.149359956	0.437698988	0.412941056
	8.740413273	1.165462534	7.407464097	34437.80913	0.149672589	0.447998071	0.40232934
	8.671140742	1.183468048	7.236231985	32314.01685	0.14978453	0.43198409	0.41823138
	8.631497498	1.193894436	7.139832337	31124.81618	0.1500169	0.422762336	0.427220764
	8.581904267	1.20704159	7.020978348	29665.77434	0.150477455	0.411168219	0.438354326
	8.653989303	1.187546533	7.196937273	31839.19073	0.150863266	0.427661424	0.42147531
	8.72927722	1.167869654	7.382661066	34141.1961	0.150866145	0.445023618	0.404110237
	8.692644504	1.177063419	7.293874711	33047.11769	0.151628828	0.436315675	0.412055497
	8.739232635	1.165001725	7.409380647	34481.13995	0.151647336	0.4470537	0.401298964
	8.58994943	1.204229624	7.044053611	29964.877	0.151839847	0.412559945	0.435600208
	8.578791431	1.207223838	7.017339921	29637.05589	0.151886587	0.40997074	0.438142674
	8.615511523	1.19727662	7.106311091	30733.30049	0.152020887	0.418393553	0.42958556
	8.587135525	1.204895235	7.037826928	29890.59624	0.152039551	0.411843025	0.436117424
	8.561088426	1.21194034	6.975423416	29124.62079	0.152072164	0.405824849	0.442102987
	8.570724279	1.209320785	6.998501132	29407.85691	0.152074297	0.408046378	0.439879325
	8.538585897	1.218001569	6.922236157	28474.79352	0.152238769	0.400578531	0.4471827
	8.712104279	1.171657426	7.344137198	33679.26428	0.152476481	0.440515068	0.407008451
	8.72032979	1.169524721	7.364562916	33932.98234	0.152495717	0.442405518	0.405098765
	8.600065709	1.200996919	7.071437217	30314.13445	0.152924581	0.414523819	0.4325516
	8.570380952	1.208878988	7.0007748	29448.6887	0.153176268	0.407592153	0.439231579
	8.734147002	1.165670182	7.40076888	34390.34532	0.153237308	0.4453397	0.401422992
	8.640670901	1.189960691	7.17114403	31548.11367	0.153384779	0.423731711	0.422883509
	8.60430461	1.199544089	7.08353556	30470.74547	0.153594494	0.415273411	0.431132096
	8.650706808	1.187195463	7.19630059	31861.54318	0.153637491	0.425960221	0.420402289
	8.684177325	1.178419826	7.278293979	32875.50925	0.153638248	0.433679055	0.412682697
	8.604154085	1.199252268	7.085133722	30498.53816	0.154291752	0.41500139	0.430706857
	8.654529063	1.18585727	7.20764453	32009.91185	0.154373021	0.426591392	0.419035587
	8.665603356	1.182713973	7.236163735	32368.26809	0.154900606	0.428965827	0.416133567
	8.672782604	1.180755843	7.254244187	32593.87258	0.155082926	0.43055948	0.414357594
	8.558599388	1.210885175	6.979446248	29215.68088	0.15553238	0.404073164	0.440394456
	8.726042814	1.16675044	7.386970785	34244.42875	0.155632107	0.442655634	0.401712259
	8.704545293	1.172184899	7.33438377	33594.42453	0.155834329	0.437628973	0.406536698
	8.605843056	1.197969089	7.094132678	30629.6681	0.156010527	0.414805937	0.429183536
	8.549759513	1.212743058	6.961464802	29008.31116	0.156556716	0.401685856	0.441757428
	8.711528364	1.170054435	7.353706555	33842.42535	0.15659715	0.438979815	0.404423035

Table 5j: Sorted MC Simulations results for SPGSCITR for the Expansion period – Part 10

SPGSCITR 10							
	8.575305612	1.205676991	7.023451783	29772.44527	0.156913278	0.407456037	0.435630684
	8.554007392	1.211343167	6.973016584	29155.84226	0.157035812	0.402502461	0.440461727
	8.566382591	1.207966141	7.002755213	29521.2472	0.157119921	0.405327849	0.43755223
	8.628561315	1.19132488	7.152767527	31366.94294	0.157291406	0.419609369	0.423099225
	8.69665997	1.1735137	7.319359434	33426.14943	0.157418152	0.435271392	0.407310457
	8.624924706	1.192159958	7.144706758	31270.72117	0.15754527	0.41868428	0.423770449
	8.654066381	1.184488338	7.2155839	32145.12967	0.157587492	0.42539067	0.417021838
	8.553393941	1.211200835	6.973329528	29167.12425	0.157617052	0.402163165	0.440219783
	8.680527244	1.17758214	7.280371834	32946.18772	0.157635587	0.431476801	0.410887612
	8.603796279	1.197695795	7.094042508	30648.6527	0.157657451	0.413773386	0.428569163
	8.669497839	1.180326283	7.254101318	32624.37024	0.157887119	0.428847553	0.413265328
	8.714986681	1.168512488	7.366369957	34016.13661	0.158079367	0.439272925	0.402647708
	8.612884354	1.194677547	7.119572124	30977.69676	0.158870871	0.415456334	0.425672795
	8.67275698	1.178831778	7.266062676	32788.52567	0.159262665	0.429131033	0.411606302
	8.563774775	1.207464746	7.003503335	29559.63087	0.15938822	0.40395443	0.436657351
	8.647847778	1.185123346	7.206470454	32057.41286	0.159632822	0.423260403	0.417106775
	8.597097117	1.198427301	7.084122425	30552.47347	0.159699304	0.411533474	0.428767221
	8.638210563	1.187185535	7.185834827	31814.35915	0.160541392	0.42072861	0.418729999
	8.656143088	1.1824345	7.229873359	32359.40328	0.160710739	0.424806638	0.414482623
	8.668974386	1.179058158	7.26145944	32750.6351	0.160822305	0.427727868	0.411449827
	8.662267134	1.18066249	7.245911348	32561.96426	0.161086201	0.426091203	0.412822597
	8.646779048	1.184449866	7.209665767	32120.65839	0.161542277	0.422364062	0.416093661
	8.635772079	1.187064717	7.184511979	31816.98508	0.162028259	0.419660195	0.418311545
	8.616778645	1.192017709	7.138725528	31253.79932	0.162042064	0.415275162	0.422682774
	8.64847961	1.183555738	7.216549198	32216.87511	0.162434726	0.422452515	0.415112759
	8.672556934	1.177256714	7.275614092	32947.63293	0.162604335	0.42794759	0.409448075
	8.595506655	1.197224564	7.089910712	30663.58695	0.162749941	0.410128419	0.42712164
	8.712025179	1.167102665	7.372730816	34150.37845	0.162763536	0.436995718	0.400240746
	8.667169118	1.178535689	7.263146803	32796.44244	0.162817733	0.426632405	0.410549863
	8.555423606	1.207773739	6.994797071	29499.93726	0.162858238	0.400847463	0.436294299
	8.669859334	1.177795956	7.269992642	32882.14431	0.162912972	0.427220418	0.40986661
	8.6361001	1.186312058	7.189346718	31893.22924	0.163314847	0.419297966	0.417387187
	8.559741674	1.206324847	7.006777897	29653.82363	0.16338737	0.401663226	0.434949404
	8.668991326	1.177724171	7.269698745	32885.99021	0.163498643	0.426820907	0.40968045
	8.625684327	1.188578298	7.166875708	31627.77175	0.164146613	0.416612758	0.419240629
	8.623895714	1.189041721	7.162578208	31574.9703	0.164149778	0.416199185	0.419651037
	8.668619997	1.177287784	7.272078006	32928.83886	0.164543098	0.426379798	0.409077103
	8.563274671	1.204510345	7.02026621	29840.35667	0.164919004	0.40195674	0.433124256
	8.566466886	1.203538782	7.028585712	29945.27814	0.165141471	0.402617226	0.432241303
	8.674221287	1.175480532	7.288023626	33135.10807	0.165272227	0.427423436	0.407304337
	8.643084994	1.183449396	7.212639278	32206.50882	0.165315131	0.420228069	0.4144568
	8.642855365	1.183450381	7.212439241	32205.5148	0.165424474	0.420137897	0.414437629
	8.595368658	1.195675332	7.098981665	30814.17081	0.165617705	0.409120576	0.425261719
	8.675019897	1.174977724	7.291822071	33189.60082	0.165852017	0.427410288	0.406737695
	8.672297156	1.175373007	7.287053307	33138.38906	0.166426873	0.426586712	0.406986415
	8.663498545	1.177356243	7.267305199	32901.5477	0.166923312	0.424388586	0.408688102
	8.6423009	1.182403968	7.21835323	32308.3359	0.167624923	0.419261121	0.413113956
	8.570778584	1.200925804	7.047468845	30212.76106	0.167670654	0.40275082	0.429578526
	8.579470446	1.198590511	7.068451629	30470.97854	0.167774487	0.404720031	0.427505483
	8.672096076	1.174617976	7.291566156	33214.62962	0.167955213	0.426020182	0.406024606
	8.666351917	1.17591277	7.278652583	33059.66184	0.168264141	0.424590302	0.407145557
	8.626232157	1.186118053	7.182203101	31874.40664	0.168374	0.415300347	0.416325653
	8.65804417	1.17793406	7.259109878	32821.29042	0.168437853	0.422615218	0.40894693
	8.643875289	1.181421498	7.225688635	32413.24871	0.168676477	0.419266325	0.412057198
	8.565371413	1.201633314	7.038819512	30124.56392	0.168854546	0.401100872	0.430044582
	8.649493018	1.179270566	7.243631671	32652.20809	0.169965797	0.420123097	0.409911105
	8.639884986	1.181402385	7.222427935	32399.51798	0.170528195	0.417715851	0.411755954
	8.686537459	1.169084831	7.338429028	33841.04145	0.17145478	0.428159659	0.400385561
	8.671462949	1.172829208	7.302147227	33395.00402	0.17153815	0.424654747	0.403807103
	8.683137202	1.169353249	7.333836725	33799.50735	0.172515961	0.427014316	0.400469723
	8.618884138	1.185540792	7.179502211	31903.46113	0.172628449	0.412157756	0.415213795
	8.586974425	1.193718194	7.103588663	30973.89151	0.172638713	0.404795129	0.422566157
	8.678682033	1.170013236	7.325892027	33713.38038	0.173332123	0.425709075	0.400958802
	8.6199485	1.184727714	7.185327907	31988.64169	0.17353545	0.412094534	0.414370016
	8.64356048	1.178655525	7.242378201	32690.91572	0.173671496	0.417493712	0.408834792
	8.59743108	1.189602384	7.136955841	31418.1662	0.174953601	0.406418829	0.41862757
	8.628654851	1.181467426	7.21252509	32348.93203	0.175279029	0.413509012	0.411211959
	8.606363836	1.187072898	7.159688719	31702.76121	0.175359681	0.408340728	0.416299591
	8.590778208	1.191015913	7.122899637	31253.49094	0.175409109	0.404729492	0.419861399
	8.632414005	1.179890413	7.2253512	32522.31122	0.176312826	0.414024119	0.409663055
	8.629109445	1.18068711	7.217676871	32429.12535	0.176372287	0.413241772	0.410385941
	8.635011325	1.178979512	7.233136659	32624.39743	0.176734133	0.414479734	0.408786133
	8.667143093	1.170376192	7.313760955	33629.2314	0.177676243	0.42156944	0.400754317
	8.644260041	1.175639507	7.261553046	32999.31823	0.17840151	0.416045229	0.405553261
	8.641384575	1.176294643	7.25506422	32921.3412	0.178504286	0.4153471	0.406148614
	8.601690221	1.185348552	7.166161217	31855.96048	0.179926688	0.405708542	0.41436477
	8.592630072	1.187556804	7.145206566	31601.88863	0.180040538	0.403580309	0.416379153
	8.601511124	1.18521703	7.166805332	31868.3462	0.180196867	0.405575285	0.414227848
	8.652527122	1.172436917	7.28843966	33358.89287	0.18025398	0.417321342	0.402424678
	8.661634949	1.169944171	7.311753642	33651.29548	0.180638207	0.419291054	0.400070739
	8.633638091	1.176885153	7.244841752	32830.66141	0.180646391	0.412831531	0.406522078
	8.593008119	1.186924106	7.149333879	31665.99641	0.18085234	0.403391206	0.415756453
	8.654492252	1.170835662	7.300085852	33530.8044	0.182035886	0.417168091	0.400796023
	8.650575837	1.171591196	7.292035367	33437.54984	0.182369034	0.41615149	0.401479477
	8.629327568	1.176634808	7.242719755	32838.86291	0.182700233	0.411138416	0.406161351
	8.613010881	1.180464656	7.205399537	32388.16682	0.183040203	0.407259696	0.409700101
	8.600343118	1.183597569	7.175624509	32025.08881	0.183076768	0.404325766	0.412597466
	8.620698532	1.178238185	7.22554	32642.57143	0.183517563	0.408870185	0.407612252
	8.587136546	1.185955299	7.150223246	31739.34094	0.184452014	0.400811966	0.41473602
	8.60041299	1.182227205	7.184001142	32162.17345	0.185067811	0.403664246	0.411267943
	8.629071884	1.174494429	7.255701074	33054.94344	0.186031501	0.409945682	0.404022818
	8.622506728	1.175887948	7.241519354	32887.32647	0.186358299	0.408320378	0.405321322
	8.614084351	1.176482547	7.230700513	32793.59613	0.188500686	0.405648837	0.405850477
	8.625731511	1.17316681	7.261064703	33176.57101	0.189176309	0.408105005	0.402718686
	8.608565783	1.176702344	7.224660023	32749.4246	0.190106582	0.403829572	0.406063846
	8.607427823	1.176905958	7.222443192	32724.34057	0.190210981	0.4035316	0.406257418
	8.609671684	1.176322166	7.22793511	32792.23596	0.190261774	0.404031801	0.405706425
	8.62473602	1.171973369	7.267609359	33294.17593	0.191229691	0.407176571	0.401593738
	8.615287739	1.173776508	7.248395487	33072.61867	0.191915472	0.404764175	0.403320354
	8.597434009	1.176853677	7.21427207	32689.8757	0.1936331	0.400062103	0.406304797
	8.605543653	1.173690644	7.240623668	33042.22449	0.195259561	0.401378827	0.403361612

Table 6a: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 1

SPGSAGTR 1	Mean Return	Sharpe Ratio	Standard Deviation	VaR	Commodity Weight	Stock Weight	Bond Weight
	8,706503341	1,146635871	7,499514152	36290,99712	0,006232009	0,496154534	0,497613457
	8,71379659	1,143320088	7,527642767	36680,73917	0,00726483	0,498671329	0,494063841
	8,71105019	1,142099596	7,533282403	36800,96694	0,008630356	0,49914166	0,492227985
	8,699777414	1,143947717	7,51125763	36551,41942	0,009361474	0,497132834	0,493505692
	8,687045028	1,147064114	7,479750722	36160,50075	0,00946976	0,494283969	0,496246272
	8,683090008	1,147416591	7,474006111	36105,56052	0,009936866	0,493749396	0,496313738
	8,68554758	1,144140266	7,497556407	36468,35269	0,011782054	0,495807583	0,492410364
	8,674836674	1,146147533	7,475080677	36205,7689	0,012301294	0,493757081	0,493941625
	8,686399236	1,142573516	7,508582789	36641,20398	0,012718812	0,49676115	0,490520038
	8,654689598	1,150509549	7,429228388	35653,03661	0,012887178	0,489584243	0,497528579
	8,697288748	1,139535405	7,538157491	37018,76942	0,012895072	0,499414994	0,487689934
	8,647410355	1,150911666	7,420307925	35579,10048	0,013907731	0,488730362	0,497361907
	8,65496874	1,148734714	7,440949802	35843,0453	0,014054926	0,490592477	0,495352597
	8,653937128	1,148449535	7,441899247	35868,9784	0,014432823	0,490660007	0,49490717
	8,681509647	1,140962978	7,514896116	36793,94486	0,014697127	0,497232511	0,488070362
	8,643945285	1,150251767	7,42155251	35634,22279	0,014971926	0,488791393	0,496236681
	8,631493963	1,153370782	7,390687104	35251,04526	0,015057031	0,485988612	0,498954357
	8,673392479	1,142428125	7,49815318	36599,71975	0,015120151	0,495702418	0,489177432
	8,686307138	1,138957585	7,532339966	37032,89575	0,015233101	0,498772138	0,485994761
	8,624164985	1,154574342	7,376635073	35093,19971	0,015539366	0,484688234	0,4997724
	8,649835319	1,147227152	7,446253261	35981,61365	0,015989306	0,490972094	0,4930386
	8,629566377	1,152242471	7,396251391	35361,84549	0,016160463	0,486435937	0,4974036
	8,665554177	1,139447458	7,510888472	36887,57968	0,018519356	0,496642201	0,484838444
	8,620349398	1,150865223	7,397093793	35467,87156	0,01869858	0,486361772	0,494939648
	8,648825768	1,142989662	7,472976049	36431,25991	0,019028541	0,493195794	0,487775666
	8,628450408	1,147641716	7,424929653	35844,72061	0,019442741	0,488831541	0,491725718
	8,666669722	1,136765455	7,529590459	37184,04454	0,020137566	0,498207425	0,481655009
	8,639290979	1,143787543	7,459426914	36303,74435	0,020141956	0,491896788	0,487961256
	8,643410782	1,14154736	7,477674327	36562,68955	0,020928543	0,493482688	0,485588769
	8,669878073	1,134090911	7,550176613	37490,57312	0,02138686	0,499957115	0,478656025
	8,624520837	1,145718533	7,433963223	36032,60534	0,021399418	0,489506815	0,489093767
	8,60639615	1,148959581	7,397218226	35609,45078	0,022369796	0,486111162	0,491519042
	8,625571035	1,143182243	7,451375047	36308,50236	0,02289652	0,49095908	0,486144401
	8,623255257	1,143743357	7,445694708	36238,22689	0,02292131	0,490445044	0,486633646
	8,611833454	1,146578375	7,417322916	35885,77046	0,023004275	0,487877964	0,489117761
	8,573854781	1,156480261	7,320975261	34680,77931	0,023033236	0,479142593	0,497824171
	8,632063343	1,140628713	7,473748335	36611,58712	0,023476518	0,492925156	0,483598326
	8,571148697	1,156243421	7,320134451	34694,01004	0,023649855	0,479016902	0,497333243
	8,584388299	1,151208879	7,363647953	35277,34743	0,024655578	0,482883164	0,492461258
	8,582317339	1,150921756	7,363685584	35298,67602	0,025192702	0,482839693	0,491967605
	8,550311254	1,158082651	7,290515794	34415,20092	0,026011475	0,476120125	0,4978684
	8,622901671	1,138965424	7,476618776	36750,41841	0,026116136	0,492945785	0,480938079
	8,623125382	1,138806457	7,477858884	36768,57925	0,026182388	0,493050928	0,480766684
	8,550923776	1,157472715	7,294886758	34480,97166	0,02629729	0,476492403	0,497210306
	8,595426643	1,145151498	7,412237819	35966,19618	0,026711636	0,48709072	0,486197644
	8,621331434	1,138223613	7,480111939	36823,57819	0,026863327	0,493187585	0,479949089
	8,645271177	1,12980755	7,557021353	37849,22804	0,028367446	0,499924392	0,471708163
	8,612151674	1,137835667	7,474594549	36824,62279	0,028646195	0,492511556	0,478842249
	8,544000485	1,155458276	7,30161293	34660,84025	0,028741028	0,476870932	0,49438804
	8,526024939	1,160183131	7,256383338	34096,63513	0,028769896	0,472748679	0,498481425
	8,642631277	1,12972682	7,555224618	37846,07338	0,0288576	0,499711746	0,471430654
	8,576020029	1,146123368	7,389020122	35778,36519	0,029330428	0,484731791	0,485937781
	8,641972793	1,129064363	7,559074291	37915,97971	0,029398444	0,499997033	0,470604523
	8,525281686	1,159238677	7,261654098	34190,76394	0,029487277	0,473157107	0,497355616
	8,575620712	1,144739142	7,397606146	35923,58588	0,030278221	0,485405773	0,484316006
	8,587989333	1,141331756	7,430528319	36341,42123	0,030404062	0,488359983	0,481235955
	8,614372927	1,134108913	7,501115134	37238,63508	0,0306824	0,494669636	0,474647964
	8,506724477	1,161918092	7,228937339	33838,19323	0,030904366	0,470022768	0,499072866
	8,622705695	1,129971271	7,535956456	37728,39614	0,03197738	0,497638065	0,470384555
	8,53333591	1,152900288	7,308563111	34881,80631	0,032117858	0,477140825	0,490741317
	8,494239965	1,162992493	7,211524252	33676,61857	0,032307134	0,468277362	0,499415503
	8,55967782	1,145492584	7,378822474	35774,05089	0,032429036	0,483467408	0,484103555
	8,521935881	1,15441159	7,28911989	34675,99407	0,033052023	0,475266767	0,49168121
	8,561481808	1,14390197	7,390659893	35950,71921	0,033133559	0,484452896	0,482413545
	8,483739662	1,163822735	7,19735748	33548,59894	0,033527016	0,46684174	0,499631244
	8,524200928	1,15244698	7,30351129	34890,06106	0,033898777	0,476473548	0,489627675
	8,561227967	1,142679345	7,39834548	36079,67429	0,033942404	0,48504812	0,481009476
	8,619440113	1,127482856	7,549692369	37986,98763	0,034104669	0,498604371	0,46729096
	8,528600568	1,150499651	7,319697286	35112,30061	0,03438675	0,477882624	0,487730626
	8,616942815	1,127636649	7,546448073	37958,59668	0,034410804	0,498275875	0,467313321
	8,621444472	1,126169014	7,560280003	38141,09512	0,034620088	0,499483223	0,46589669
	8,586365535	1,134796373	7,471890414	37038,00513	0,034817201	0,491552512	0,473630287
	8,617157031	1,126242434	7,555980293	38113,24559	0,03526533	0,499015968	0,465718702
	8,470455739	1,164444452	7,182106733	33430,5857	0,035323056	0,465229842	0,499447102
	8,517878677	1,151414925	7,304566838	34970,64579	0,035565859	0,476362942	0,488071199
	8,486828974	1,159297354	7,228117575	34023,66434	0,035784307	0,469378712	0,494836982
	8,600969221	1,12914411	7,522226566	37719,92429	0,03603054	0,495901174	0,468068287
	8,510358104	1,152511347	7,291092384	34824,21648	0,036111889	0,475069861	0,48881825
	8,487032843	1,157970608	7,236575255	34160,74212	0,036558178	0,470051227	0,493390595
	8,528261301	1,146932343	7,342167963	35485,30303	0,036645336	0,479629931	0,483724733
	8,611010208	1,124768502	7,560416917	38247,6898	0,037188485	0,499152797	0,463658718
	8,565991664	1,135788645	7,447424577	36839,31663	0,037478016	0,489004476	0,473517508
	8,474120902	1,159491503	7,215947235	33950,5608	0,037723965	0,468015701	0,494260334
	8,575476789	1,132944382	7,474493478	37189,70919	0,037732578	0,491397725	0,470869696
	8,538676206	1,142363495	7,380649722	36014,12259	0,037784816	0,482952863	0,479262321
	8,525160353	1,14529943	7,349928527	35643,96242	0,038147526	0,480128957	0,481723518
	8,540096652	1,141373583	7,388295458	36125,67928	0,038167254	0,483589566	0,47824318
	8,462721154	1,161581103	7,19315228	33689,61463	0,038303216	0,465854841	0,495841943
	8,53394057	1,142199385	7,377564097	36010,72493	0,038644164	0,482555301	0,478800535
	8,575602923	1,13139895	7,48481473	37358,21734	0,038676504	0,492189763	0,469133732
	8,49727173	1,150769254	7,292891905	34960,12527	0,038886251	0,474860555	0,486253194
	8,583292156	1,128842941	7,508574001	37672,13023	0,039047027	0,494262565	0,466690409
	8,595274949	1,125607349	7,540803247	38082,42622	0,039167528	0,497123478	0,463708994
	8,606230482	1,122664458	7,570328805	38458,5231	0,039277604	0,499739054	0,460983342
	8,523426939	1,143425523	7,360458005	35834,49107	0,039571114	0,480879836	0,479549049
	8,446941529	1,163144968	7,169914637	33465,18566	0,039900791	0,463506961	0,496592248
	8,538023427	1,138685354	7,403917155	36403,36559	0,040149928	0,48471397	0,475136101
	8,586472944	1,125521536	7,533557801	38051,26928	0,040614695	0,496263231	0,463122074
	8,435663117	1,164279479	7,153241012	33303,71306	0,041028305	0,46181723	0,497154464

Table 6b: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 2

SPGSAGTR 2							
	8,46957436	1,154469327	7,243399864	34447,58178	0,041463809	0,46998997	0,48854622
	8,569027313	1,127914933	7,502104694	37708,36803	0,041878493	0,493261349	0,464860158
	8,515763453	1,140084512	7,375305927	36155,35252	0,042813706	0,481733349	0,475452945
	8,585715878	1,12143412	7,560341113	38499,38623	0,043273161	0,498237397	0,458489442
	8,583774947	1,121857487	7,555757881	38443,40807	0,043313892	0,497822693	0,458863415
	8,503760617	1,142358388	7,350118234	35861,08018	0,043327012	0,479380103	0,477292885
	8,424585016	1,162298843	7,155899424	33458,22106	0,043944134	0,461619139	0,494436727
	8,423908322	1,162266657	7,155515365	33458,67079	0,044069281	0,461564231	0,494366488
	8,562510301	1,125585602	7,511839958	37933,66899	0,044331155	0,493740788	0,461928057
	8,486304922	1,145062468	7,317516519	35499,38665	0,044441101	0,476254893	0,479304006
	8,564248033	1,124845163	7,518329554	38023,03602	0,04451489	0,494290058	0,461195052
	8,514551719	1,136741479	7,395929925	36506,70442	0,045019535	0,483236804	0,471743661
	8,45641037	1,151624399	7,249862875	34685,52875	0,045220724	0,46999065	0,484788626
	8,428483945	1,158950372	7,179938632	33814,64155	0,045287384	0,463604035	0,491108581
	8,454218478	1,15202583	7,245433969	34634,59865	0,045326336	0,469570511	0,485103153
	8,53529433	1,130456627	7,455396987	37277,42444	0,04559086	0,488482326	0,465926814
	8,55899138	1,124386894	7,51671869	38049,1062	0,045610974	0,493963683	0,460425343
	8,529680157	1,131618746	7,442779462	37126,02636	0,045758298	0,4873229	0,466918802
	8,475158747	1,145308348	7,30621353	35424,93077	0,046031542	0,474969829	0,478998629
	8,453038301	1,151058464	7,250497839	34729,69366	0,046078705	0,469906452	0,484014843
	8,446276268	1,152830508	7,233487327	34517,51597	0,046090843	0,468356779	0,485552378
	8,39910041	1,164412275	7,121025081	33139,43523	0,04670301	0,457971708	0,495325281
	8,55232632	1,124198606	7,51204892	38038,94592	0,046755304	0,493351492	0,459893204
	8,415212703	1,159274961	7,166480414	33725,98599	0,04716416	0,462060318	0,490775522
	8,545043692	1,12505631	7,499848866	37911,09917	0,047356029	0,492157495	0,460486476
	8,519786998	1,131287484	7,4362138	37116,96242	0,047485894	0,48643767	0,466076436
	8,538293205	1,12541414	7,491466038	37840,71879	0,04817636	0,491263724	0,460559916
	8,536302801	1,125800132	7,487129524	37789,29353	0,048248733	0,490863186	0,460888081
	8,476849882	1,140807366	7,336522129	35906,55151	0,048428881	0,477297546	0,474273573
	8,551896831	1,12130964	7,5310201	38355,28895	0,048575011	0,494723259	0,456701729
	8,431913559	1,150959702	7,232765965	34649,27771	0,049398119	0,467717575	0,482884306
	8,393439495	1,160079628	7,142740807	33553,23629	0,050057521	0,459377523	0,490564956
	8,39588035	1,159150451	7,15057217	33657,64219	0,050213525	0,460066535	0,48971994
	8,475027858	1,138241529	7,351459465	36170,46906	0,050217205	0,478322795	0,47146
	8,429269131	1,150091094	7,235929205	34727,75266	0,050304918	0,467840647	0,481854435
	8,492217945	1,132477	7,404059023	36863,75393	0,050993714	0,482914866	0,46609142
	8,389896867	1,158899441	7,146957861	33658,02692	0,051270206	0,459540687	0,489189107
	8,419078655	1,150955321	7,221641974	34594,65339	0,051361255	0,46634429	0,482294455
	8,531381671	1,121846938	7,509126239	38200,31858	0,051372855	0,492253396	0,456373748
	8,35126719	1,169058151	7,05180986	32479,27835	0,051431779	0,450762366	0,497805855
	8,386906271	1,159187757	7,142600349	33616,25818	0,051562099	0,459086914	0,489350987
	8,420148903	1,150102158	7,227929668	34687,37427	0,051688037	0,466855243	0,481456719
	8,403608403	1,154416954	7,186586245	34172,74047	0,051733881	0,463077667	0,485188451
	8,400304784	1,155247136	7,178562171	34073,79239	0,051762994	0,462339306	0,485897701
	8,529513007	1,121596491	7,509136909	38219,18073	0,051805236	0,492171919	0,456022845
	8,55264189	1,115550363	7,57056855	38998,35248	0,051943028	0,497617359	0,450439613
	8,443607104	1,143098095	7,292738691	35518,80582	0,052163319	0,472649416	0,475187265
	8,384077464	1,158417294	7,144908926	33682,51898	0,052428047	0,459134445	0,488437508
	8,372133061	1,161307326	7,116842781	33340,31601	0,052609146	0,456526161	0,490864693
	8,340271571	1,168577302	7,045302146	32482,19216	0,053369863	0,449793014	0,496837123
	8,504511664	1,125141628	7,463256229	37714,52413	0,053466121	0,487748464	0,458785415
	8,415323079	1,148188381	7,235774039	34864,66093	0,053513419	0,467217699	0,479268882
	8,517387758	1,121469454	7,499175595	38176,58419	0,053706275	0,490912106	0,455381619
	8,353065585	1,164069844	7,083573402	32983,75817	0,053945234	0,453208673	0,492846093
	8,32592627	1,170958346	7,018725221	32188,49366	0,054218182	0,447170321	0,498611498
	8,460180382	1,135207236	7,358030077	36427,02078	0,05423325	0,478144671	0,467622079
	8,410290615	1,148067808	7,232150543	34855,38436	0,054339548	0,466724829	0,478935623
	8,354028792	1,1629726	7,091084861	33097,67861	0,054411445	0,453807636	0,491780919
	8,414119509	1,146504469	7,245351708	35034,23526	0,054654255	0,467862232	0,477483514
	8,494512128	1,125566425	7,451555544	37622,06035	0,054714776	0,486451587	0,458833638
	8,334897558	1,16672424	7,051885849	32644,22457	0,055205675	0,450037474	0,494756851
	8,412937454	1,145132844	7,252997849	35171,82365	0,055611271	0,468363151	0,476025578
	8,369924214	1,156306531	7,145711447	33837,25176	0,055745821	0,458552034	0,485702144
	8,428808928	1,140681643	7,295214734	35707,51487	0,055777032	0,472157468	0,4720655
	8,339663596	1,164363908	7,070274286	32899,02706	0,055795356	0,451613258	0,492591386
	8,432038222	1,139790806	7,303749762	35815,61064	0,055804437	0,47292437	0,471271193
	8,327755415	1,167488077	7,041154577	32539,13229	0,055854938	0,448915108	0,495229954
	8,543905644	1,11087807	7,594545678	39480,1036	0,056053702	0,498925115	0,445021183
	8,366623147	1,156469212	7,141851822	33806,77725	0,056148267	0,458116015	0,485735718
	8,30906249	1,1713494	7,001985142	32081,78166	0,056533354	0,445152422	0,498314223
	8,311653965	1,170553656	7,008958988	32170,57647	0,056580946	0,445788545	0,497630509
	8,46821161	1,128988569	7,405673046	37130,36559	0,056638264	0,481940767	0,461420969
	8,394936878	1,148035417	7,218980669	34792,29658	0,056654102	0,465054683	0,478291215
	8,526563932	1,11409791	7,557031085	39036,46058	0,056708985	0,495455353	0,447835663
	8,542118578	1,109907136	7,599579197	39580,76827	0,056897857	0,499195281	0,443906862
	8,501904619	1,119880567	7,495989721	38279,01261	0,056951395	0,489964266	0,453084339
	8,329133204	1,164998622	7,057383289	32792,29296	0,057017557	0,45017257	0,492809873
	8,540504556	1,109736546	7,599292993	39592,20086	0,057238076	0,49909804	0,443663884
	8,459522182	1,129415571	7,395179415	37044,65502	0,057679292	0,480778212	0,461542496
	8,332308346	1,162932432	7,072652478	33011,69735	0,057680152	0,451440391	0,490879457
	8,310175252	1,168829993	7,018029911	32334,56701	0,057741062	0,446385207	0,49587373
	8,504827582	1,11704052	7,517664788	38606,30611	0,058185483	0,491635848	0,450178668
	8,365859804	1,151246383	7,173589013	34336,44103	0,05916642	0,460379458	0,480454122
	8,378927197	1,147454807	7,208681118	34782,98086	0,059349502	0,463541087	0,477109411
	8,381821648	1,146179166	7,219229331	34927,539	0,05963477	0,46443919	0,47592604
	8,339130665	1,157489665	7,111803689	33587,45427	0,059659119	0,45461332	0,485727561
	8,449586722	1,128339569	7,393426191	37115,17164	0,059760932	0,48016939	0,460069678
	8,30184313	1,166996467	7,021916491	32481,81678	0,059967273	0,446263006	0,49376972
	8,368712631	1,148971488	7,190275233	34582,37664	0,060008379	0,461717918	0,478273702
	8,387702711	1,14324062	7,242929587	35258,5629	0,060411071	0,466422964	0,473165965
	8,500695938	1,113937645	7,534896213	38931,05427	0,060606649	0,492639953	0,446753398
	8,530967941	1,106197532	7,614984036	39945,6617	0,060736244	0,49972614	0,439537616
	8,451572195	1,125665679	7,412752254	37413,20235	0,061000544	0,48162923	0,457370226
	8,345671244	1,152942533	7,145525131	34076,71684	0,061194346	0,457362613	0,481443041
	8,36351472	1,148086724	7,191288906	34651,02919	0,06125946	0,46153037	0,477210171
	8,344307646	1,153075579	7,143518083	34057,33982	0,061320686	0,457150252	0,481529061
	8,430809478	1,130228642	7,364455095	36826,41195	0,061430607	0,477188465	0,461380928
	8,508695587	1,110225693	7,567293965	39383,95338	0,061610103	0,495295924	0,443093973
	8,434015338	1,128256021	7,380172394	37052,87992	0,062082541	0,478454752	0,459462706
	8,296561819	1,164304694	7,033614536	32727,0456	0,062191501	0,446842791	0,490965708

Table 6c: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 3

SPGSAGTR 3							
	8,317060387	1,158728809	7,085151352	33369,76512	0,06221468	0,45158898	0,48619634
	8,269365803	1,171590194	6,966663299	31897,75592	0,062257373	0,44062399	0,497118637
	8,486617483	1,114567821	7,518004672	38793,99769	0,062288724	0,490752702	0,446958574
	8,259611519	1,174094577	6,943495255	31614,21835	0,062348268	0,438447889	0,499203844
	8,313660622	1,159226599	7,079176093	33305,4785	0,062440123	0,450987133	0,486572744
	8,304590045	1,161595792	7,056928673	33030,24677	0,06248075	0,448928081	0,488591169
	8,512913981	1,107563764	7,589289989	39703,57184	0,062555393	0,497032837	0,44041177
	8,510764488	1,108049042	7,58402631	39638,48695	0,062582741	0,496559218	0,440858041
	8,522820224	1,105060296	7,615447644	40034,76454	0,062589406	0,499344942	0,438065652
	8,456183446	1,121546851	7,444086745	37882,49635	0,062685399	0,484054514	0,453260087
	8,260610492	1,17306883	6,950418324	31718,10298	0,062746471	0,439000131	0,498253397
	8,257359723	1,173858515	6,942973298	31628,15088	0,062800885	0,438294409	0,498904706
	8,416287652	1,130408676	7,350435673	36741,03125	0,063437685	0,475461653	0,461100662
	8,329801942	1,152886295	7,132108846	34014,7316	0,063534011	0,455593861	0,480872128
	8,305414841	1,159360792	7,071244343	33257,47064	0,063564694	0,44999442	0,486440885
	8,442361744	1,123369284	7,419706469	37619,69352	0,063646681	0,48164388	0,454709438
	8,488951395	1,111584296	7,540282842	39137,10186	0,063678457	0,492414239	0,443907304
	8,490201608	1,110860823	7,546319066	39223,88678	0,063916985	0,492895362	0,443187653
	8,245740389	1,174819307	6,927404873	31488,26641	0,063978679	0,436566693	0,499454628
	8,289305191	1,162230815	7,039921581	32903,35355	0,064355158	0,446918063	0,488726779
	8,454389643	1,118525494	7,462590963	38204,80169	0,064669336	0,485244381	0,450086283
	8,396618972	1,13319951	7,314976311	36354,46345	0,064714284	0,471957429	0,463328287
	8,443250238	1,121137221	7,435270798	37866,81901	0,064785748	0,482769464	0,452444788
	8,380584422	1,137204708	7,275113236	35859,11971	0,064799251	0,468328159	0,46687259
	8,313107303	1,154477488	7,107818032	33782,12967	0,065083154	0,452995811	0,481921034
	8,386921298	1,134832301	7,295906095	36137,76305	0,065201803	0,470114964	0,464683233
	8,329748067	1,149494633	7,153105752	34360,63873	0,065381934	0,45707506	0,477543006
	8,513757688	1,102495395	7,624944586	40281,6007	0,065395773	0,499523214	0,435081013
	8,481335291	1,110271964	7,542335718	39247,0297	0,065530726	0,492154921	0,442314354
	8,4901588	1,107895606	7,566477707	39555,89499	0,065638111	0,494276627	0,440085262
	8,472091406	1,11214328	7,52133305	38994,00541	0,065778854	0,490223617	0,443997528
	8,429415538	1,122677245	7,412748567	37634,70828	0,065899949	0,480479431	0,453620621
	8,356427984	1,141124159	7,228956221	35341,46876	0,066111465	0,463817739	0,470070796
	8,355556368	1,141161751	7,227954289	35333,7046	0,066215716	0,463700986	0,470083298
	8,285563272	1,159597265	7,052682964	33150,67881	0,066296841	0,447624495	0,486078663
	8,350443702	1,142128923	7,217357112	35210,52321	0,066419164	0,462686326	0,47089451
	8,46244464	1,113409406	7,504115912	38807,27635	0,066433454	0,48852794	0,445038605
	8,35831775	1,139879878	7,238505137	35479,63678	0,066521782	0,464585211	0,468893007
	8,350262029	1,141926063	7,218480162	35230,81248	0,066555796	0,462754863	0,470689341
	8,489843602	1,105281018	7,584091346	39848,76556	0,067192613	0,495460394	0,437346993
	8,435875433	1,118728655	7,444686431	38095,44045	0,067203791	0,483023094	0,449773115
	8,416215773	1,123250156	7,397216313	37511,22308	0,067462601	0,478698301	0,453839098
	8,334475243	1,144356293	7,18935518	34909,617	0,06748831	0,459867782	0,472643908
	8,26592133	1,161872557	7,021966294	32841,85397	0,067895821	0,444387009	0,48771717
	8,300613021	1,152478368	7,109306217	33931,55095	0,067942189	0,452425211	0,479632599
	8,266649438	1,161539072	7,024609192	32878,0447	0,067967896	0,444613184	0,48741892
	8,490134367	1,103125227	7,599176196	40093,98161	0,068394317	0,496498755	0,435106927
	8,302866115	1,150713515	7,122167778	34120,57387	0,068564231	0,453447606	0,477988163
	8,245164031	1,165841097	6,98025885	32363,40055	0,068762692	0,440300552	0,490936757
	8,480000295	1,104697174	7,579189206	39866,5656	0,068924358	0,494590016	0,436485626
	8,45756776	1,109467909	7,526379355	39222,2462	0,069370149	0,489776863	0,440852988
	8,299425274	1,149948586	7,123913171	34183,69145	0,069459188	0,453377435	0,477163377
	8,399679228	1,123801497	7,378872384	37374,85776	0,069499945	0,476531309	0,453968745
	8,35812395	1,134471731	7,272841032	36046,34999	0,069502953	0,466950111	0,463546936
	8,313616358	1,146029889	7,160655267	34646,1343	0,069546351	0,456720686	0,473732962
	8,255156064	1,161537886	7,014721399	32830,33871	0,069597158	0,443279427	0,487123415
	8,317775219	1,143755351	7,178531504	34898,58362	0,070177971	0,458190338	0,471631691
	8,406066413	1,120544509	7,406019973	37757,52402	0,070407184	0,47873764	0,450855176
	8,402066387	1,12076482	7,400995142	37714,87315	0,070847289	0,478170864	0,450981846
	8,330795174	1,139068266	7,219500381	35442,26212	0,070863369	0,461747035	0,467389596
	8,221839348	1,167966532	6,947586019	32059,22714	0,070950324	0,43668953	0,492360146
	8,477392636	1,101714989	7,597338081	40191,16462	0,070999567	0,49566596	0,433334474
	8,438843196	1,11121737	7,497679594	38937,42277	0,071016392	0,486789147	0,442194461
	8,193657074	1,175281676	6,880363955	31235,34531	0,07115516	0,430355594	0,498489246
	8,486289029	1,099020832	7,62405715	40541,69025	0,071296316	0,497957532	0,430746152
	8,276090993	1,151774319	7,092361293	33898,05204	0,071774968	0,449867777	0,478357255
	8,204519155	1,170422983	6,918206389	31749,17716	0,072114799	0,433636296	0,494248905
	8,246378024	1,158978927	7,022635559	33048,29546	0,072164164	0,443329841	0,484505995
	8,410606165	1,11608759	7,439662299	38265,49351	0,072246567	0,481271335	0,446482098
	8,30927025	1,141473039	7,185433709	35097,16448	0,072589894	0,45817838	0,469231726
	8,216135563	1,165943043	6,954751532	32234,12718	0,07278827	0,436859662	0,490352068
	8,429472227	1,109965188	7,497695354	39031,39169	0,073028969	0,486254688	0,440716343
	8,486631965	1,095608735	7,648114055	40933,96177	0,073205534	0,499579788	0,427214678
	8,449606326	1,104341777	7,554106079	39757,92457	0,073387319	0,491187732	0,435424948
	8,242021659	1,156522048	7,033787445	33275,29131	0,074044322	0,443844838	0,48211084
	8,436627368	1,10629809	7,529015958	39475,01838	0,074089015	0,488761638	0,437149346
	8,261579798	1,15108426	7,084006521	33905,74021	0,074157708	0,448447054	0,477395238
	8,188618184	1,170602889	6,903559581	31667,26832	0,074233838	0,431681915	0,494084248
	8,392142851	1,116490727	7,420439106	38133,93326	0,074591393	0,478908515	0,446500092
	8,392268369	1,11600151	7,423804445	38188,03297	0,07484316	0,479140959	0,446015881
	8,243953977	1,154338318	7,048767641	33502,37042	0,074906733	0,444987539	0,480105728
	8,247696982	1,153135541	7,059365789	33639,26439	0,075012373	0,44593615	0,479051477
	8,158412683	1,177184316	6,839303904	30912,4115	0,075093169	0,425410385	0,499496445
	8,413451571	1,109546323	7,486086881	39000,65587	0,075482882	0,484543374	0,439973744
	8,375452696	1,118941525	7,389270227	37788,15237	0,075554782	0,475838051	0,448607167
	8,226738394	1,157488646	7,014709839	33114,32527	0,075657822	0,441624302	0,482717876
	8,352123727	1,124513513	7,331910408	37077,957	0,075744993	0,470611581	0,453643425
	8,304843612	1,136573625	7,212513149	35586,84801	0,075806416	0,459757315	0,464436269
	8,327933616	1,130425056	7,272169148	36337,20183	0,075899364	0,465157543	0,458943093
	8,322945851	1,131707255	7,259522649	36179,06309	0,075901132	0,464008676	0,460090191
	8,257429613	1,147758379	7,10091807	34225,41229	0,07646107	0,449351665	0,474187265
	8,39343502	1,112251492	7,449883124	38605,32256	0,076744232	0,480946598	0,442309169
	8,398573478	1,110403149	7,466911531	38834,03036	0,077055873	0,482383538	0,440560589
	8,321011377	1,130019318	7,268654483	36348,61312	0,077067283	0,464505107	0,458427609
	8,208666241	1,158063158	6,995624367	32981,11871	0,077841364	0,439221331	0,482937305
	8,253613296	1,145975432	7,108635724	34390,51958	0,077908183	0,449641192	0,472450624
	8,226195287	1,152999464	7,041550448	33561,24507	0,07803343	0,443419185	0,478547384
	8,328415514	1,125839983	7,302213672	36826,5713	0,078283993	0,467196108	0,4545199
	8,215371007	1,154860896	7,020827907	33328,6324	0,078557416	0,441346373	0,48009621
	8,162592977	1,16898066	6,890876687	31718,90535	0,07861681	0,429222518	0,492160673

Table 6d: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 4

SPGSAGTR 4							
	8,267469297	1,140953949	7,152065957	34966,32333	0,078625458	0,453416466	0,467958077
	8,258865643	1,142981446	7,131851768	34719,86605	0,078743528	0,451527693	0,469728778
	8,175323564	1,165081132	6,924867242	32150,69435	0,07883723	0,432336652	0,488826118
	8,195159901	1,159346078	6,976233116	32797,22443	0,079029296	0,437066621	0,483904083
	8,282944372	1,136132509	7,196038236	35534,8522	0,079036314	0,457317467	0,463646219
	8,161310991	1,16722702	6,900131212	31883,94858	0,079664156	0,429773402	0,490562442
	8,41322647	1,101897368	7,537848182	39854,30451	0,079750713	0,487941027	0,432308259
	8,226746105	1,148998493	7,066549483	33966,93442	0,080005038	0,445139811	0,47485515
	8,281295788	1,134678509	7,203806475	35679,1142	0,080020839	0,457733029	0,462246133
	8,13104243	1,17439212	6,832258916	31070,23428	0,080206612	0,423231208	0,49656218
	8,265791392	1,138170233	7,168084141	35246,57805	0,080300359	0,454383277	0,465316364
	8,403635021	1,103249206	7,519918056	39655,29468	0,080305351	0,486177311	0,433517338
	8,287943779	1,132156696	7,225724507	35973,15384	0,080441021	0,459605833	0,459953146
	8,217583133	1,150439206	7,049735173	33781,99337	0,080508841	0,443433823	0,476057336
	8,437928345	1,094255045	7,61306698	40844,52489	0,080651946	0,494366304	0,42498175
	8,155774406	1,166486189	6,89976708	31933,32501	0,080779222	0,42939781	0,489822968
	8,369542547	1,110583713	7,439557283	38674,40232	0,080909631	0,478803202	0,440287167
	8,205749102	1,152654469	7,025919669	33508,60348	0,080980504	0,441085847	0,477933649
	8,12567829	1,174088809	6,829455174	31077,75824	0,08107699	0,422697612	0,496225397
	8,314470586	1,124048037	7,301448798	36953,43952	0,081129648	0,46628014	0,452590212
	8,349039651	1,115150601	7,390704224	38075,86997	0,081212388	0,47431946	0,444468152
	8,144984264	1,168252512	6,880098939	31717,7143	0,081355447	0,427375095	0,491269459
	8,454363521	1,088566743	7,66794703	41582,86962	0,081621784	0,498940536	0,41943768
	8,299547532	1,126443192	7,27267579	36629,39619	0,081876012	0,463441795	0,454682193
	8,21502868	1,148224376	7,061108831	33994,61792	0,081978548	0,444032628	0,473988824
	8,228497842	1,144537457	7,095623124	34427,63589	0,082047662	0,447194798	0,47075754
	8,195570117	1,152864568	7,015809959	33444,10339	0,082242086	0,439758033	0,477999881
	8,401791842	1,099686025	7,542607854	40046,94043	0,082514441	0,487537774	0,429947785
	8,349410435	1,112093885	7,411351822	38411,78491	0,082805316	0,47569249	0,441502194
	8,132157725	1,168757696	6,866150574	31616,5495	0,082822928	0,425603115	0,491573957
	8,292573972	1,126220655	7,267920844	36620,91989	0,082929214	0,462684801	0,454385985
	8,127744767	1,169417503	6,858502927	31534,88649	0,083087843	0,424799506	0,492112651
	8,418118982	1,094135702	7,595792341	40758,47599	0,083385105	0,492006931	0,424607964
	8,094810211	1,177025422	6,786190566	30674,79954	0,083767729	0,417753552	0,498478719
	8,222292497	1,142784122	7,10107967	34579,44154	0,083771229	0,447156808	0,469071963
	8,251271006	1,134953486	7,175606495	35515,51363	0,083913826	0,453955194	0,46213098
	8,295741444	1,123447412	7,288681212	36930,72283	0,083960038	0,46424848	0,451791482
	8,270414497	1,129882129	7,224756363	36132,5221	0,083981838	0,458425108	0,457593053
	8,211804897	1,144556908	7,080917902	34352,68597	0,084268419	0,445139985	0,470591596
	8,380805307	1,101347078	7,512176748	39756,25864	0,084415815	0,484234609	0,431349576
	8,131005439	1,165742218	6,882923102	31903,95589	0,08445318	0,426655057	0,488891762
	8,297481262	1,121950262	7,299958069	37098,81245	0,084513692	0,465097226	0,450389082
	8,389888547	1,098698846	7,538550876	40099,24203	0,084648471	0,486517468	0,428834061
	8,252656416	1,132866143	7,190050711	35739,24575	0,084803915	0,454994136	0,460201949
	8,309717889	1,118257397	7,335007589	37552,95946	0,084827786	0,468173155	0,446999058
	8,397304433	1,096152647	7,562827184	40424,39291	0,085053777	0,488555344	0,426390879
	8,421661373	1,090228235	7,626265503	41224,29099	0,085075349	0,494190067	0,420734584
	8,174697138	1,152167587	7,001937765	33424,6559	0,085369857	0,437472319	0,477157823
	8,170418355	1,153241711	6,991705973	33299,14573	0,085401353	0,436510988	0,47808766
	8,370488686	1,101948871	7,498712059	39637,95042	0,085462718	0,482701534	0,431835748
	8,335183128	1,110351827	7,410166336	38534,55846	0,085636264	0,474699511	0,439664225
	8,13751881	1,161226895	6,915295749	32371,30484	0,08580373	0,429248805	0,484947465
	8,335164837	1,109759601	7,414104309	38599,51527	0,085954445	0,474952469	0,439093086
	8,105496622	1,169402113	6,839567963	31445,91549	0,086039269	0,422054111	0,49190662
	8,156679928	1,155395552	6,966781653	33026,56143	0,086147545	0,433945708	0,479906747
	8,334641983	1,109499099	7,415373833	38625,62562	0,086162592	0,475000126	0,438837281
	8,102262223	1,16996276	6,833525901	31378,8764	0,08619339	0,421432754	0,492373857
	8,088382157	1,173494067	6,801134306	30984,88274	0,086315218	0,418330152	0,49535463
	8,254252471	1,129393857	7,213569496	36110,13478	0,08637969	0,456635878	0,456984432
	8,295477959	1,118348894	7,321674485	37476,04873	0,086667791	0,466376314	0,446955895
	8,147974364	1,156606114	6,951963048	32869,87269	0,086696401	0,432381624	0,480921975
	8,421593428	1,086986368	7,648947842	41598,06173	0,086879452	0,495632601	0,417487947
	8,391667388	1,094058215	7,57215281	40634,15626	0,086947485	0,488785938	0,424266577
	8,333199837	1,108196796	7,422786699	38761,97787	0,087047043	0,47538241	0,437570547
	8,36580384	1,099734135	7,509553607	39863,12648	0,087280831	0,483090627	0,429628541
	8,123461819	1,161900576	6,899187925	32246,92463	0,087321403	0,427233622	0,485444975
	8,223706037	1,135113961	7,150308182	35375,0431	0,087481177	0,450481449	0,462037373
	8,33914315	1,105687391	7,445008251	39068,05674	0,087600786	0,477200653	0,435198561
	8,213014027	1,137131135	7,128221519	35118,66993	0,087863589	0,448324712	0,4638117
	8,138568767	1,156678891	6,943394084	32822,98175	0,087893568	0,431180106	0,480926326
	8,271385992	1,121868961	7,277226556	36985,86504	0,088007991	0,461903383	0,450088626
	8,2775676	1,12010715	7,294191634	37203,09965	0,088109941	0,463411411	0,448478648
	8,262595383	1,123835429	7,256671018	36735,66261	0,08814558	0,45998727	0,45186715
	8,158233238	1,150908326	6,995293768	33480,01087	0,088158994	0,435929734	0,475911272
	8,218136353	1,134983806	7,146220868	35363,5096	0,088278017	0,449841012	0,461880971
	8,361971769	1,098693665	7,513177361	39961,05263	0,088346954	0,483068578	0,428584468
	8,206761056	1,137771681	7,118712649	35024,79264	0,088359899	0,447283782	0,464356319
	8,265243379	1,122595473	7,267045146	36879,82186	0,088438382	0,460834624	0,450726994
	8,321749668	1,108081559	7,41322532	38719,20887	0,08861546	0,474009437	0,437375103
	8,264783054	1,122318001	7,268431626	36907,23069	0,088642043	0,460893075	0,450464882
	8,157175734	1,149807544	7,001071072	33585,61411	0,088840072	0,436236345	0,474923583
	8,215569058	1,133945489	7,150500392	35459,57446	0,089139006	0,449944845	0,460916149
	8,338218079	1,102951944	7,462634002	39367,22526	0,08918158	0,478265019	0,432553401
	8,239745526	1,12718058	7,214863593	36276,49022	0,089419518	0,45574724	0,454833241
	8,043860122	1,17905729	6,731283365	30281,15735	0,089467824	0,410610481	0,499921695
	8,309192734	1,109188548	7,394505965	38536,87222	0,08967557	0,471970367	0,438354063
	8,088340732	1,166336575	6,842835514	31671,22082	0,089752035	0,42109848	0,489149485
	8,282689842	1,115454361	7,329209274	37727,86615	0,089858002	0,466005628	0,44413637
	8,113260314	1,159260453	6,906100262	32462,6375	0,089930835	0,426990044	0,483079122
	8,113778968	1,159074371	6,907656463	32483,04818	0,089953676	0,427128119	0,482918205
	8,305202762	1,108749134	7,393837899	38565,78323	0,090427331	0,471657813	0,437914856
	8,276563397	1,114798779	7,328023815	37769,63154	0,090996345	0,465512816	0,443490839
	8,215750614	1,129765837	7,177114894	35895,5285	0,091227038	0,451674414	0,457098548
	8,048305217	1,173711346	6,765729794	30803,29973	0,091409844	0,413205304	0,495384852
	8,253129837	1,119540655	7,276054162	37149,14241	0,091590207	0,460588485	0,447821308
	8,346529691	1,096372302	7,515000408	40145,45987	0,091611095	0,482145582	0,426243322
	8,283449988	1,111803928	7,353957278	38127,33313	0,091658007	0,467635829	0,440706164
	8,037395624	1,176074145	6,74286078	30536,23386	0,091698526	0,410922627	0,497378846
	8,244468986	1,121395818	7,256293861	36910,7229	0,091761378	0,458729441	0,449509181
	8,149272653	1,145319853	7,02160295	34002,36426	0,092070946	0,437025131	0,470903923

Table 6e: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 5

SPGSAGTR 5							
	8,207886342	1,12991313	7,169219233	35844,29916	0,092169595	0,450622568	0,457207837
	8,230786193	1,123848799	7,228280888	36586,77842	0,09227988	0,455992955	0,451727165
	8,383022726	1,085981007	7,620512033	41516,04131	0,092479929	0,491263992	0,416256079
	8,114562447	1,153513698	6,941634994	33034,1105	0,092541299	0,42940031	0,47805839
	8,245243055	1,119556484	7,26890673	37110,44543	0,092601787	0,459587238	0,447810975
	8,062956437	1,166897395	6,817793128	31513,15317	0,092748363	0,417666109	0,489585528
	8,2073889	1,128784178	7,175948829	35959,96559	0,092801562	0,451018647	0,456179791
	8,147116395	1,144018533	7,027705201	34124,29994	0,092985936	0,437267407	0,469746657
	8,115071335	1,15219292	6,950033975	33167,17256	0,093114318	0,429980827	0,476904856
	8,023304813	1,176748278	6,727023583	30416,64326	0,093180856	0,408871078	0,497948066
	8,204792055	1,128257841	7,1769948	36003,13872	0,093399984	0,450903441	0,455696575
	8,304455917	1,103155691	7,43065062	39178,76706	0,093460848	0,473937478	0,432601675
	8,250526321	1,116459828	7,293800207	37467,07405	0,093506161	0,461536663	0,444957175
	8,405461337	1,078776135	7,692207562	42470,9417	0,093513334	0,497274138	0,409212528
	8,304400506	1,103026408	7,431471316	39192,82042	0,093535831	0,473985305	0,432478863
	8,363893878	1,088392131	7,586054923	41140,56076	0,093647835	0,487796413	0,418555753
	8,146008934	1,142954115	7,033281067	34227,08939	0,093649041	0,43754797	0,468802989
	8,399273357	1,079764974	7,679432248	42322,6863	0,093769903	0,49605442	0,410175677
	8,402712496	1,0788445	7,689172163	42448,50224	0,093830597	0,496896624	0,409272779
	8,351277538	1,091077322	7,555822098	40769,43844	0,093831464	0,485035209	0,421133327
	8,049069675	1,16796985	6,799643223	31353,48142	0,094010865	0,415483937	0,490505198
	8,153695478	1,140204932	7,056980595	34540,04648	0,094014042	0,439615688	0,46637027
	8,249051346	1,115672296	7,297626709	37544,76415	0,094099022	0,461675692	0,444225285
	8,18037179	1,133082503	7,124883117	35390,18047	0,094120555	0,445853968	0,460025477
	8,091238324	1,156361928	6,90436682	32654,34482	0,09415184	0,42532297	0,48052519
	8,032649978	1,171986609	6,762328612	30903,90766	0,094212719	0,41186032	0,493926961
	8,205102992	1,126439117	7,188858651	36195,17234	0,094273427	0,451681129	0,454045444
	8,063746786	1,163455499	6,838641781	31848,17951	0,094274537	0,419081945	0,486643518
	8,078181156	1,158988063	6,877456305	32342,27792	0,094559459	0,422641145	0,482799396
	8,017284361	1,175105322	6,731305542	30547,27974	0,094705984	0,408715337	0,496578678
	8,335948777	1,092921779	7,529045111	40482,28381	0,094818018	0,482297438	0,422884544
	8,276183475	1,107089407	7,378710362	38607,15027	0,095041399	0,468694699	0,436263901
	8,140941001	1,14140942	7,038359295	34361,29814	0,095050689	0,437512096	0,467437215
	8,188516045	1,12908147	7,157344143	35842,67428	0,095071028	0,448500465	0,456428507
	8,100374105	1,151948392	6,938750697	33128,55145	0,095104638	0,428200017	0,476695346
	8,14995314	1,138704683	7,062991719	34676,34405	0,095227169	0,439733152	0,465039679
	8,392387457	1,078672571	7,68082575	42414,46636	0,095253004	0,495665118	0,409081878
	8,352507326	1,087983447	7,578438761	41129,15157	0,095331542	0,486531297	0,41813716
	8,045621449	1,165815171	6,80925266	31546,02486	0,095458137	0,415858483	0,48868338
	8,265832124	1,108418071	7,360526627	38411,56795	0,095678117	0,466822073	0,43749981
	8,384897093	1,079390307	7,668778982	42291,21829	0,095822082	0,494397633	0,409780285
	8,112908675	1,146889083	6,980289025	33686,45046	0,09594942	0,431773598	0,472276982
	8,353369008	1,086515832	7,589468433	41301,9567	0,096008099	0,487276863	0,416715037
	8,106776959	1,14816941	6,967164854	33531,89422	0,096108641	0,430488173	0,473403186
	8,338550266	1,089738362	7,553426728	40857,31083	0,096179731	0,483998036	0,419822233
	8,272541951	1,105743384	7,384399192	38737,13843	0,096203313	0,468794019	0,435002668
	8,161598274	1,133630391	7,104879103	35248,87887	0,096240783	0,443238071	0,460521145
	8,244156002	1,11251762	7,31391976	37861,71442	0,096337644	0,462356124	0,441306231
	8,326324479	1,092296399	7,5245447	40504,50163	0,096381813	0,481341817	0,42227637
	8,058929144	1,160009539	6,854803757	32162,19678	0,096509029	0,419776958	0,483714012
	8,23764537	1,113670134	7,300504635	37706,16158	0,096578094	0,461048967	0,442372939
	8,26178388	1,107574992	7,362474361	38484,08775	0,096628383	0,466656526	0,436715091
	8,252176481	1,109885979	7,338488128	38185,62334	0,096663545	0,464469252	0,438867203
	8,060273475	1,159237659	6,860527707	32242,90406	0,096703619	0,420244274	0,483052107
	8,269847952	1,105159979	7,385859703	38788,10169	0,09684782	0,468693656	0,434458524
	8,146123267	1,136307713	7,0745202	34904,26943	0,096886123	0,440190778	0,462923099
	8,038423427	1,164451264	6,81104678	31647,51573	0,097001397	0,415445823	0,48755278
	8,096089103	1,149003506	6,952805333	33402,57967	0,09705702	0,428789849	0,474153131
	8,254750787	1,108459948	7,350251492	38353,37039	0,097067596	0,465389532	0,437542872
	7,984216642	1,178851479	6,68186399	30064,71577	0,097132306	0,403050267	0,499817428
	8,191516368	1,124174522	7,191254391	36370,44499	0,097136348	0,45086175	0,452001902
	8,001496266	1,173949719	6,72448295	30592,93903	0,097221419	0,407107383	0,495671198
	8,072519092	1,154790648	6,897551267	32729,43126	0,097265812	0,423522808	0,47921138
	8,028696594	1,166488954	6,790810295	31411,9235	0,097270354	0,413419975	0,489309671
	8,240532026	1,111529221	7,317163127	37951,30282	0,097302297	0,462300051	0,440397652
	8,101160652	1,147096003	6,968788341	33614,76127	0,097332384	0,430182037	0,472485579
	8,055518168	1,15910617	6,857203398	32235,77712	0,097362524	0,419680162	0,482957314
	7,982944263	1,178423854	6,683208966	30099,56244	0,097485919	0,403042641	0,49947144
	8,17278611	1,128237739	7,148754587	35858,68801	0,097486348	0,446825005	0,455688647
	8,336889252	1,087629713	7,566543794	41089,67752	0,097514234	0,484693607	0,417792159
	8,233153242	1,11292438	7,301360263	37765,15669	0,097527395	0,46078027	0,441692335
	8,273263319	1,102862322	7,404343917	39057,98628	0,097601691	0,470090652	0,432307657
	8,25439505	1,106860271	7,360552969	38526,37197	0,097933261	0,466007182	0,436059557
	8,203936438	1,119115315	7,234862154	36963,52816	0,098096675	0,454502317	0,447401008
	8,373021367	1,077922867	7,668201706	42400,48021	0,098132446	0,493526211	0,408341343
	8,00994316	1,169052525	6,759877415	31090,65723	0,098423072	0,410026699	0,491550229
	7,994937695	1,172857588	6,725152635	30669,54008	0,09853902	0,406659801	0,494801179
	8,342424693	1,084339853	7,594605391	41495,8953	0,098565078	0,486819578	0,414615344
	8,002306028	1,170287451	6,746218308	30942,35625	0,098803532	0,408572911	0,492623558
	8,106288856	1,142607931	7,000649338	34087,54598	0,098842691	0,43258546	0,468571848
	8,129023984	1,13667763	7,057174675	34789,95377	0,098858007	0,437841097	0,463300896
	8,243835428	1,107456413	7,347055773	38409,95908	0,098962169	0,464403521	0,43663431
	8,33157281	1,086148212	7,571969757	41232,09108	0,098976007	0,48464902	0,416374974
	8,153469808	1,129941885	7,120878091	35593,32346	0,099078188	0,443656848	0,457264965
	8,183582261	1,122272436	7,196372825	36533,97682	0,099083859	0,450606075	0,450310067
	8,095461808	1,144435407	6,980009845	33856,32702	0,099320234	0,430474471	0,470205295
	8,128541392	1,135725862	7,062663854	34885,06865	0,099380066	0,438151766	0,462468168
	8,03178578	1,161018213	6,825469481	31951,12451	0,099429049	0,415877226	0,484693724
	8,272899596	1,098685972	7,432158421	39519,13139	0,099807648	0,471789781	0,428402571
	8,0050307	1,1672249	6,766253276	31244,65543	0,09987355	0,41006615	0,4900603
	8,219296965	1,111669694	7,297136558	37834,2457	0,099909716	0,459510247	0,440580037
	8,198651666	1,116607001	7,246381456	37205,85154	0,100017555	0,454836116	0,445146329
	8,050293379	1,154794163	6,878283796	32634,7667	0,100038157	0,420637841	0,479324002
	8,048959185	1,154968527	6,876090213	32612,02741	0,10012193	0,420397855	0,479480214
	8,314948476	1,087530863	7,547056693	40988,55098	0,100341273	0,481918561	0,417740166
	8,194517862	1,116834662	7,241202963	37162,01094	0,100421349	0,454209138	0,445369513
	8,340403813	1,081288151	7,614170569	41837,92265	0,100448121	0,487875526	0,411676353
	8,276360344	1,096438283	7,450550637	39787,04895	0,100536029	0,473176642	0,426287329
	8,013239691	1,163064585	6,797514423	31676,76561	0,100775755	0,412688564	0,486535681
	8,105689434	1,138676917	7,024291014	34482,41117	0,100804899	0,434033216	0,465161885

Table 6f: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 6

SPGSAGTR 6							
	8,001738583	1,166070285	6,770129799	31341,33972	0,100810098	0,410063895	0,489126007
	8,28017537	1,0945902	7,466615338	40013,1395	0,101015624	0,47444412	0,424540257
	8,261846192	1,099030641	7,419770196	39425,89726	0,101017423	0,470218432	0,428764146
	8,292858401	1,091136706	7,501871173	40466,21606	0,101223381	0,47753705	0,421239569
	8,16142378	1,123236347	7,17046987	36329,49593	0,101377755	0,447349896	0,451272349
	8,022141864	1,159203021	6,827838025	32086,52276	0,101463238	0,415297288	0,483239474
	8,303456098	1,088095615	7,532577641	40865,31555	0,101486785	0,480194032	0,418319184
	7,967407094	1,17381809	6,696195741	30468,54758	0,101495332	0,402700097	0,495804572
	8,226341107	1,106441385	7,33798448	38435,69279	0,10167201	0,462559204	0,435768786
	8,212281538	1,109502597	7,305066399	38034,83424	0,101879106	0,459484125	0,43863677
	8,367479342	1,07184704	7,706498818	43085,8319	0,102115342	0,49546735	0,402417308
	7,967894485	1,172171729	6,706016614	30625,21265	0,102180273	0,403366119	0,494453609
	8,296858795	1,08823344	7,525561245	40815,87913	0,102239629	0,47928104	0,41847933
	7,969953926	1,171349606	6,712481471	30710,95568	0,102300812	0,403938503	0,493760685
	8,170126082	1,119152882	7,204408631	36800,71585	0,102309118	0,450109647	0,447581234
	7,964258435	1,172477446	6,70116689	30581,80228	0,102485677	0,402774409	0,494739913
	8,173328797	1,117892146	7,215398577	36949,45723	0,102534899	0,451030761	0,44643434
	8,225809918	1,104798853	7,348413242	38612,54255	0,102569925	0,463162458	0,434267617
	8,079973976	1,141453326	6,984676812	34087,97011	0,102660497	0,42960245	0,467737053
	8,129795002	1,128633375	7,108157337	35620,83376	0,102663832	0,441095051	0,456241117
	8,087415152	1,139084482	7,005734762	34359,93081	0,10287007	0,431487953	0,465641977
	8,124151642	1,129476573	7,097854385	35507,79886	0,102952344	0,440026756	0,4570209
	8,239285804	1,100346898	7,39039154	39168,26525	0,103156697	0,466744587	0,430098716
	8,123856969	1,128668178	7,102677056	35590,07147	0,103379753	0,440304259	0,456315988
	8,117482896	1,130188506	7,08748271	35403,88746	0,10343052	0,438875281	0,457694199
	8,02100871	1,155146482	6,85083445	32476,11183	0,103478771	0,416665054	0,479856176
	8,30122813	1,084661796	7,554370188	41246,05073	0,103564898	0,481359889	0,415075213
	8,218230227	1,104165017	7,345766894	38644,81092	0,103830473	0,462433267	0,43373626
	8,10506659	1,132309329	7,063242338	35129,33187	0,103937177	0,436421304	0,459641519
	8,209851939	1,105978524	7,326146366	38405,86483	0,103953197	0,460600231	0,435446573
	8,241422603	1,098230933	7,406576306	39413,11298	0,10397034	0,467895028	0,428134632
	8,232409925	1,100407155	7,383738364	39127,58904	0,103978373	0,465822984	0,430198643
	8,069021641	1,141501944	6,974784657	34034,782	0,103982249	0,428144918	0,467872833
	7,952496011	1,172214345	6,69263659	30559,11558	0,104032702	0,401312133	0,494655165
	8,128072318	1,126078687	7,122753513	35878,14632	0,104114733	0,441870482	0,454014786
	8,158098407	1,118387485	7,198584673	36825,19702	0,104172807	0,448842147	0,446985046
	8,230030005	1,099828706	7,385457899	39179,67207	0,104566246	0,465749279	0,429684475
	8,195794849	1,107647785	7,302414684	38156,0843	0,104850912	0,458083931	0,437065157
	7,945602838	1,172213092	6,686763261	30531,43965	0,104865806	0,400395778	0,494738416
	8,274095888	1,087898054	7,506957531	40737,50434	0,105240424	0,476456833	0,418302743
	8,115806574	1,126684529	7,108036875	35758,73661	0,105325731	0,440020526	0,454653743
	8,158802711	1,115414957	7,218399987	37144,08688	0,105546629	0,450114998	0,444338373
	8,029382814	1,148398094	6,89838433	33174,49671	0,105585107	0,420298811	0,474116082
	8,140975883	1,119497403	7,176152854	36627,45167	0,105731219	0,446152909	0,448115872
	8,119560792	1,124808625	7,123228978	35971,08229	0,105771912	0,441246974	0,452981114
	8,070277961	1,137340245	7,001411055	34460,18407	0,105794215	0,429899215	0,464306569
	8,26704362	1,088183656	7,498506508	40669,02005	0,105962171	0,475413781	0,418624048
	8,226865573	1,097829798	7,396022762	39385,09292	0,105969682	0,466153844	0,427876473
	8,265077099	1,088101159	7,497267729	40668,30917	0,106246695	0,475190227	0,418563078
	7,964451733	1,164084048	6,749650381	31377,35176	0,10624967	0,405861317	0,487889013
	8,2501457	1,091542927	7,459948757	40203,7807	0,106312872	0,471800183	0,421886945
	7,969002974	1,162692571	6,761642565	31529,09324	0,106330909	0,406976604	0,486692487
	8,31626284	1,075855289	7,630181797	42342,69362	0,106336649	0,487067576	0,406595775
	8,090989738	1,130827134	7,060051973	35217,62357	0,10636602	0,435138014	0,458495966
	8,344095227	1,069268898	7,703210899	43265,59159	0,106406411	0,493542769	0,40005082
	8,239816039	1,093479983	7,437287164	39934,32727	0,106591012	0,469642731	0,423766258
	8,041528315	1,142881365	6,942310168	33775,55744	0,10668033	0,423985088	0,469334582
	8,157923411	1,113102633	7,232605313	37386,5367	0,106790239	0,450917385	0,442292376
	7,946042149	1,167061212	6,716657762	31018,76732	0,107118621	0,40231798	0,490563399
	8,152626088	1,113560038	7,224877347	37312,3962	0,107211458	0,450036156	0,442752386
	8,275869518	1,083419651	7,539625219	41257,1037	0,107342591	0,478564996	0,414092413
	8,076502989	1,132332773	7,037870655	34997,64084	0,107407593	0,432638901	0,459953506
	8,066046992	1,134833564	7,013147875	34695,54726	0,107490059	0,430294156	0,462215785
	7,9969315	1,152600352	6,845078689	32622,21007	0,107564589	0,41441473	0,478020682
	8,06873879	1,133804042	7,021890112	34812,42629	0,107650521	0,431044645	0,461304835
	8,267720206	1,084288251	7,526069568	41115,6262	0,107890748	0,477128631	0,414980622
	7,94124839	1,166464104	6,715986346	31055,6611	0,107957446	0,401890424	0,490152129
	8,177355362	1,10565675	7,298887257	38282,45816	0,108097977	0,45645586	0,435446163
	8,040553653	1,139503509	6,962034076	34109,73347	0,108372854	0,425128327	0,466498819
	8,289310591	1,078222888	7,588430264	41925,46452	0,108400818	0,482520159	0,409079023
	8,283045537	1,079602815	7,572927774	41733,12179	0,108447107	0,481112704	0,410440188
	7,996876912	1,150535603	6,857315403	32824,032	0,108515406	0,415170659	0,476313935
	8,314723285	1,071858873	7,657194521	42802,40896	0,108635823	0,488570875	0,402793303
	8,260757908	1,084394253	7,51891343	41067,54119	0,108686158	0,476165867	0,415147975
	8,300553465	1,074988067	7,621723739	42360,66471	0,108720008	0,485371023	0,405908969
	8,027251802	1,141951403	6,935461864	33805,678	0,108831216	0,422431087	0,468737698
	8,204911197	1,097151172	7,380587112	39350,74283	0,108993357	0,463534597	0,427472046
	8,297120957	1,075219331	7,616892037	42315,51535	0,109017707	0,484820028	0,406162266
	8,210581434	1,095626433	7,396033713	39548,11445	0,109071492	0,464905441	0,426023067
	7,97580212	1,153583356	6,820929485	32436,28482	0,109640319	0,411219549	0,479140132
	7,947527903	1,161014427	6,752919104	31600,35577	0,10964791	0,404704982	0,485647109
	8,000156369	1,146942152	6,881659162	33191,65663	0,109768586	0,416939889	0,473291525
	8,296862539	1,073792191	7,626774722	42480,65525	0,109796867	0,485390204	0,404812929
	8,200544962	1,096550262	7,380649887	39395,43774	0,109824092	0,463199099	0,426976809
	8,086852154	1,124406793	7,096684943	35861,55814	0,109924029	0,437059626	0,453016345
	8,193272268	1,097587076	7,367051827	39244,4965	0,110184705	0,461813317	0,428001977
	7,990389216	1,148465318	6,864027755	32999,31732	0,110234017	0,415063547	0,474702436
	8,064479573	1,128821637	7,049110251	35302,7499	0,110512239	0,432375414	0,457112347
	8,278013492	1,076583122	7,589494884	42055,94695	0,110629492	0,481716155	0,407654353
	8,133029186	1,111211237	7,222513164	37469,47787	0,110727798	0,448358804	0,440913398
	8,085809395	1,122720454	7,106415468	36032,03862	0,110851528	0,437568812	0,45157966
	8,129489979	1,11179574	7,215532761	37390,05253	0,110868755	0,447656512	0,441474733
	8,037966013	1,134300194	6,991689374	34623,39613	0,111106855	0,426741372	0,462151773
	7,988313109	1,147024616	6,870839214	33132,11693	0,111136869	0,415314498	0,473548633
	8,149462574	1,106303987	7,269404498	38076,43781	0,111149148	0,452489298	0,436361554
	8,285326716	1,073714323	7,616583985	42428,39077	0,111237136	0,483893898	0,404868966
	8,241695063	1,083877689	7,504909222	41027,8209	0,111263731	0,473852904	0,414883365
	7,977695421	1,149355651	6,847666357	32857,13422	0,111332547	0,413023969	0,475643485
	7,981383276	1,148210782	6,857705918	32985,39177	0,111416576	0,413942394	0,47464103
	8,298897211	1,069871034	7,656629211	42951,37117	0,111606301	0,48732196	0,401071739

Table 6g: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 7

SPGSAGTR 7							
	7,997901451	1,143309892	6,901549708	33541,37618	0,111698947	0,417980108	0,470320945
	8,059680396	1,127007983	7,0561958	35467,28859	0,111938167	0,432421147	0,455640686
	7,981921544	1,146713545	6,867129267	33135,00938	0,11203331	0,414565019	0,473401671
	8,001372932	1,141533741	6,915329135	33733,31277	0,112102172	0,419106628	0,468791199
	7,922562772	1,16196501	6,725909395	31405,7369	0,112163215	0,400980482	0,486856303
	8,060492256	1,12605619	7,062880991	35569,13159	0,112289561	0,432892403	0,454818037
	8,093623203	1,117673476	7,145496409	36596,72481	0,112325522	0,440562249	0,447112229
	8,036098689	1,132074907	7,003783269	34840,99624	0,112364651	0,427327363	0,460307986
	8,015952879	1,136380324	6,959519902	34314,38674	0,112750759	0,422993343	0,464255899
	8,171390481	1,097076335	7,350535993	39191,65307	0,11306745	0,4590969	0,42783565
	7,960827078	1,14947882	6,83225784	32772,3701	0,113260456	0,410692004	0,476047541
	8,13715678	1,104818612	7,268039567	38177,04462	0,113346094	0,451427019	0,435226887
	8,016115034	1,134974661	6,968282121	34456,89087	0,113380226	0,42353952	0,463080254
	8,15363249	1,100653132	7,310514872	38710,94412	0,113422117	0,455288155	0,431289728
	8,197957353	1,089843862	7,423692729	40129,30558	0,113496817	0,465570894	0,420932289
	8,204740562	1,08820391	7,441113828	40348,02506	0,113509598	0,467145592	0,41934481
	8,01634844	1,13435704	6,972281885	34520,34707	0,113637783	0,423801525	0,462560693
	7,993687688	1,140000589	6,917887909	33852,25331	0,113708356	0,418632462	0,467659183
	8,186010829	1,092194822	7,396775074	39806,01478	0,113747669	0,463018499	0,423233832
	7,994429685	1,139645761	6,920692868	33890,9708	0,113783462	0,41886429	0,467352249
	7,993975633	1,139066705	6,923812451	33946,82389	0,114101328	0,419016497	0,466882174
	7,933916177	1,154333188	6,780212908	32185,41617	0,114227036	0,405266973	0,480505991
	8,022160661	1,131398721	6,995649823	34846,59322	0,114321936	0,425694942	0,459983123
	7,962656619	1,146069765	6,854177172	33114,61562	0,114582548	0,412182549	0,473234903
	7,93888656	1,152191372	6,79713054 3	32413,98267	0,114603631	0,406717652	0,478678718
	8,072561172	1,117697351	7,126499642	36494,87612	0,114808265	0,437711577	0,447480158
	8,23974902	1,077141428	7,550036988	41789,56703	0,114940963	0,476376302	0,408682735
	8,202748845	1,085779548	7,455894214	40611,05795	0,114966043	0,467863459	0,417170498
	8,049567661	1,123096505	7,071766521	35824,5315	0,114969565	0,432539104	0,452491332
	8,191942504	1,088193078	7,429427065	40283,7755	0,115040104	0,465431123	0,419528773
	7,923089985	1,155235753	6,765544232	32052,39984	0,115082193	0,403461396	0,481456411
	8,142157071	1,099841408	7,305476602	38742,82614	0,115182436	0,454064468	0,430753097
	7,932677365	1,151595949	6,795253124	32445,19382	0,115588718	0,406081882	0,4783294
	7,936519471	1,149832055	6,809018798	32633,19795	0,115929887	0,40724372	0,476826394
	8,240469915	1,074769496	7,567370073	42067,46195	0,116068861	0,477454205	0,406476934
	7,96098539	1,14311633	6,870424108	33398,56623	0,116107676	0,413029841	0,470862482
	8,058501851	1,118249298	7,110409518	36370,81034	0,116198598	0,435592931	0,448208471
	8,214539406	1,080048927	7,506371059	41323,42256	0,116456968	0,471787713	0,411755319
	8,028837649	1,124975072	7,041530473	35534,49289	0,116519057	0,429010683	0,45447026
	8,137376901	1,098114711	7,312610806	38907,97505	0,116590122	0,45409984	0,429310039
	8,120095895	1,102199921	7,269828591	38377,0803	0,116636323	0,450151775	0,433211902
	8,179568459	1,087826045	7,420558737	40261,64494	0,116688578	0,46390979	0,419401632
	7,910096777	1,154131772	6,760757801	32103,60213	0,117067195	0,402069276	0,480863529
	8,081035103	1,110802978	7,178360038	37263,16441	0,117086118	0,44150699	0,441406892
	8,065026534	1,114061174	7,142996562	36841,57269	0,117411154	0,438077752	0,444511095
	8,030945916	1,122445591	7,059277155	35805,31716	0,11744938	0,430248853	0,452301767
	8,135589041	1,096696186	7,320439105	39054,61772	0,117492552	0,454416925	0,428090523
	8,087674341	1,107651485	7,204777904	37631,30725	0,117812401	0,443625188	0,43856241
	8,184764911	1,083956145	7,451845311	40724,29877	0,118005906	0,466172973	0,415821121
	7,973954722	1,13534826	6,928854875	34229,9735	0,118120081	0,417647445	0,464232474
	8,107471202	1,101896039	7,260376225	38347,84964	0,118261893	0,448554123	0,433183984
	7,997006646	1,128877649	6,988990577	34988,59853	0,118411062	0,423198956	0,458389982
	8,204830791	1,078264663	7,50978834	41476,71798	0,118503281	0,471202653	0,410294065
	8,209894065	1,077066279	7,522844993	41640,84808	0,118513112	0,47237831	0,409108578
	8,066816758	1,110633676	7,166652277	37212,77234	0,118823107	0,439631862	0,441545031
	8,149361782	1,090031187	7,377835128	39860,97087	0,119144453	0,45892843	0,421927117
	8,165323223	1,085992816	7,419967895	40394,3788	0,119271982	0,462712594	0,418015424
	8,204100127	1,076556748	7,521023623	41668,82858	0,119450209	0,471799519	0,408750272
	8,131547601	1,093418905	7,33868435	39395,13969	0,119563543	0,455158797	0,42527766
	8,172839735	1,083514307	7,443878024	40712,50031	0,119623402	0,464730122	0,415646476
	8,119368967	1,095636254	7,312716732	39089,79673	0,119902077	0,452623743	0,42747418
	7,992463171	1,126423781	7,000182265	35218,12017	0,120057394	0,423481806	0,4564608
	7,933256601	1,141155897	6,857928198	33470,31469	0,120170354	0,409918674	0,469910972
	7,969844341	1,131821307	6,946814745	34566,49088	0,120190234	0,41837274	0,461437025
	7,895679774	1,150758972	6,768044887	32367,63406	0,120192349	0,401270347	0,478537303
	8,02083504	1,118729262	7,073689687	36143,49097	0,12034365	0,430256402	0,449399948
	7,960573825	1,133810748	6,926449096	34324,21092	0,120349954	0,416363837	0,46328621
	8,132184407	1,09153719	7,351919001	39606,46226	0,120407364	0,455987696	0,423604939
	7,941434593	1,138493031	6,881151647	33770,52652	0,120428321	0,412013219	0,46755846
	8,124444693	1,093173561	7,333833879	39386,38562	0,120508623	0,45428458	0,425206797
	7,934974478	1,139909748	6,866932311	33601,24039	0,120530471	0,410605929	0,4688636
	8,138770167	1,08874131	7,376847645	39950,64437	0,121009812	0,457993469	0,420996719
	7,957859113	1,133000615	6,929005698	34393,41041	0,121024664	0,416283109	0,462692228
	8,196085631	1,07511012	7,523689044	41792,81581	0,121114653	0,47129651	0,407588836
	8,192125652	1,075844225	7,514874427	41687,42804	0,121206632	0,47045759	0,408335778
	8,184623496	1,077026889	7,499656865	41512,14299	0,121486072	0,468953278	0,40956065
	7,920498209	1,141397759	6,845297138	33390,13616	0,12151022	0,408059262	0,470430518
	7,942854616	1,135710825	6,899259077	34054,167	0,121512033	0,413216644	0,465271323
	7,968456571	1,129095945	6,962353561	34835,95936	0,121582962	0,419178389	0,459238649
	8,017458162	1,116782728	7,082995257	36330,32275	0,121632807	0,430519603	0,447847591
	8,163771311	1,081234839	7,451184169	40923,35994	0,121809812	0,464405941	0,413784246
	8,087687973	1,099148516	7,260526179	38548,14846	0,121874339	0,446911481	0,43121418
	8,036675173	1,110740247	7,138828182	37056,52254	0,122246222	0,435447306	0,442306473
	8,04230804	1,109271625	7,15335763	37239,18203	0,122289171	0,436781092	0,440929737
	8,186515738	1,074853895	7,516579119	41771,56688	0,122354693	0,470091755	0,407553552
	7,906037759	1,14294983	6,823349681	33173,73713	0,122455064	0,405488031	0,472056905
	8,164732491	1,079093768	7,466859075	41171,5774	0,122760411	0,465395954	0,411843635
	8,150389703	1,08183852	7,434656984	40785,32802	0,123057876	0,462328601	0,414613524
	8,160567558	1,079044408	7,463340802	41155,3563	0,123265486	0,46484366	0,411890854
	7,956440049	1,128306492	6,956574929	34861,07455	0,123301547	0,417796179	0,458902274
	7,936901553	1,133013928	6,910427106	34297,39536	0,12339117	0,41336258	0,46324625
	8,135923834	1,084517979	7,402950058	40408,45418	0,123406691	0,459274367	0,417318943
	8,033242125	1,108858458	7,14784711	37239,2012	0,123517171	0,435682835	0,440799994
	8,191548517	1,070578804	7,551295704	42292,2761	0,123919142	0,472516933	0,403563925
	8,188707619	1,071206469	7,544219022	42204,28402	0,123931208	0,471871507	0,404197285
	7,980244275	1,120941301	7,023519317	35724,16947	0,123952407	0,423812067	0,452235526
	7,97953607	1,120535146	7,025433071	35762,72997	0,124217553	0,423863048	0,451919399
	8,159182352	1,077261278	7,474408593	41351,25732	0,12430829	0,465367067	0,410324643
	8,139197655	1,081240702	7,428416489	40794,6015	0,124638017	0,461024633	0,41433735
	7,960930896	1,122791827	6,994742311	35443,96365	0,1252865	0,420436255	0,454277244

Table 6h: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 8

SPGSAGTR 8							
	7,95805815	1,12350002	6,987776249	35358,10958	0,125288629	0,419775453	0,454935918
	7,990652007	1,115372736	7,06791582	36350,34965	0,125324621	0,427321458	0,447353922
	8,102053423	1,088333665	7,345874047	39808,34146	0,12542719	0,453096162	0,421476648
	7,99097082	1,114937275	7,070962286	36397,27142	0,125488421	0,427527378	0,446984201
	7,950285392	1,124792475	6,972836475	35190,09974	0,125576638	0,418215661	0,456207701
	8,022281652	1,106189307	7,15518601	37469,52009	0,126003264	0,43516453	0,438832206
	8,064303539	1,095556402	7,262987214	38822,47323	0,126254703	0,445059	0,428686297
	8,003386875	1,110133981	7,112740999	36960,30954	0,126301901	0,431048327	0,442649771
	8,148493069	1,075497157	7,476729828	41496,33106	0,126403824	0,464595626	0,40900055
	8,065015518	1,095011665	7,267250546	38885,47901	0,126432795	0,445367146	0,428200059
	7,899429455	1,135476316	6,86243997	33882,79819	0,12648415	0,407220595	0,466295255
	7,955106791	1,121289844	6,998917749	35570,88453	0,126616936	0,420168432	0,453214632
	8,12598174	1,080039601	7,424441044	40861,37039	0,126734083	0,459670921	0,413594996
	8,004760459	1,108358894	7,125371671	37154,32978	0,126967328	0,431902954	0,441129717
	8,172912926	1,068176712	7,550830718	42470,98367	0,127258632	0,47091834	0,401823028
	7,986086698	1,112241391	7,083709851	36655,79143	0,127271926	0,42784254	0,444885534
	7,91802561	1,129015868	6,918179304	34613,6671	0,127280495	0,412152972	0,460566533
	8,137055756	1,07595634	7,462909099	41383,37344	0,127478104	0,462826222	0,409695674
	8,058133199	1,094008475	7,267623589	38960,43821	0,12768503	0,444792067	0,427522904
	7,99234566	1,109371195	7,107678923	36987,45797	0,127889895	0,429785492	0,442324614
	7,931884403	1,123878106	6,962136698	35198,11397	0,128035264	0,415959195	0,456005541
	7,911238592	1,128871765	6,913050209	34597,17118	0,128094902	0,411245987	0,460659111
	8,130573851	1,076097755	7,455904833	41332,98256	0,128143028	0,46186878	0,409988191
	7,942387013	1,120379294	6,993252786	35604,90196	0,12844097	0,418709265	0,452849765
	8,086677515	1,085647273	7,349888233	40028,12802	0,128461788	0,452002892	0,41953532
	7,890398256	1,133121565	6,868730683	34076,5832	0,128515731	0,406779857	0,464704412
	7,934193533	1,121994831	6,975880741	35401,09206	0,128622568	0,416966436	0,454410996
	8,087336088	1,08484004	7,355964378	40121,48599	0,128775653	0,452408463	0,418815884
	8,059795528	1,091301616	7,287173422	39265,38105	0,128781891	0,446062001	0,425156108
	8,040643808	1,095544189	7,241471858	38705,17442	0,128922173	0,441758547	0,42931928
	7,941702691	1,119338361	6,999144823	35708,66057	0,1289845	0,418990765	0,452024735
	7,930885355	1,121586735	6,975469406	35427,40798	0,129170419	0,416646304	0,454183277
	8,105778888	1,079680112	7,408201191	40796,27711	0,129193136	0,456999248	0,413807615
	8,085769625	1,083966008	7,360450575	40210,942	0,129371739	0,452528999	0,418099262
	8,141005447	1,070804532	7,502502844	41995,13567	0,129568433	0,465426667	0,405004901
	8,025945313	1,097606509	7,214474265	38408,08849	0,129595965	0,438913334	0,431490701
	7,884695266	1,131274178	6,874906208	34235,19145	0,129950826	0,406624559	0,463424616
	8,102392302	1,078405855	7,413814446	40922,47278	0,130191291	0,457025002	0,412783707
	7,913707246	1,123507811	6,948252402	35151,50917	0,13020269	0,413518981	0,456278329
	8,145790843	1,068276775	7,524734818	42312,96515	0,130278454	0,467104182	0,402617364
	8,10539005	1,077501492	7,422819101	41040,6087	0,130294005	0,457799374	0,41190662
	8,12219497	1,073097199	7,468944639	41631,25708	0,130556723	0,461887333	0,407555944
	8,028579121	1,09465443	7,236336426	38741,35095	0,130684485	0,440400572	0,428914943
	8,114555706	1,074218845	7,454034482	41462,39947	0,130864704	0,46037447	0,408760826
	7,8904829	1,127669908	6,902012237	34623,16962	0,130901629	0,408727831	0,460370539
	8,11643786	1,072982661	7,464376409	41613,68749	0,131257481	0,46112601	0,407616509
	8,011787669	1,097404657	7,202900244	38359,28922	0,131261864	0,436994745	0,431743391
	8,008073347	1,098130197	7,194758845	38262,51834	0,131335469	0,436197627	0,432466904
	7,871048032	1,131493577	6,86151189	34151,34687	0,131340548	0,404600456	0,464058996
	7,945276318	1,11302971	7,042026684	36378,26815	0,131431547	0,421792805	0,446775648
	8,102462838	1,075745785	7,432212658	41224,39109	0,131473568	0,458077697	0,410448735
	7,920169977	1,118870126	6,982828838	35655,61363	0,131559525	0,416106131	0,452334344
	7,995768868	1,100393999	7,168775439	37958,17414	0,131645785	0,433610743	0,434743472
	8,062261054	1,084625463	7,334301037	40015,90608	0,131680841	0,448973748	0,41934541
	8,021420556	1,0940164	7,234013273	38774,72414	0,131776193	0,439632034	0,428591773
	7,878318756	1,128030276	6,889023748	34531,16942	0,132065258	0,40686302	0,461071722
	8,125039698	1,067523555	7,510605518	42288,07029	0,132971634	0,464495298	0,402533067
	8,023091901	1,090994655	7,255581381	39112,77449	0,133005312	0,441010948	0,42598374
	7,871554116	1,127297831	6,887499032	34573,73647	0,133116657	0,40615275	0,460730594
	8,090884347	1,075010921	7,426522645	41246,58361	0,133117541	0,4567362	0,41014626
	8,027890077	1,089609454	7,269208845	39288,94457	0,133126242	0,442215265	0,424658493
	7,926431156	1,11339511	7,022789744	36250,30025	0,133324151	0,418976404	0,447699445
	7,939203771	1,110184361	7,054605205	36645,89188	0,133377431	0,421965135	0,444657434
	7,888823196	1,122247483	6,93388216	35163,98024	0,133467468	0,410418958	0,456113574
	7,848633158	1,131775286	6,839998946	34021,63916	0,133635997	0,401286403	0,4650776
	7,893097537	1,120778477	6,946784133	35333,4554	0,133653268	0,411554899	0,454791834
	7,86745384	1,12675266	6,887192475	34609,69682	0,133796086	0,405756292	0,460447622
	7,867998113	1,125448629	6,895656111	34743,46851	0,134306535	0,406294396	0,45939907
	7,986595546	1,096351462	7,186841468	38347,06709	0,134516922	0,433815816	0,431667262
	7,87766325	1,122535161	6,922163441	35082,82392	0,134543108	0,40871462	0,456742272
	7,950079154	1,104961325	7,097793907	37247,52897	0,134555471	0,425425432	0,440019097
	8,0501099	1,081306598	7,345574802	40322,85455	0,134601725	0,448532272	0,416866004
	7,96948551	1,099586283	7,150138406	37914,4558	0,134894756	0,430175231	0,434930013
	7,851981857	1,128019687	6,865740507	34411,56318	0,134903471	0,403083155	0,462013374
	7,959607834	1,101822108	7,126664442	37627,12021	0,13494729	0,427939666	0,437113044
	8,004276758	1,090526062	7,241445792	39068,41618	0,135285834	0,438515012	0,426199154
	7,869041856	1,122510686	6,914633913	35045,18814	0,135477833	0,407481835	0,457040332
	7,886702838	1,117488073	6,961516306	35639,72506	0,135791977	0,411808788	0,452399235
	7,926685427	1,107739642	7,058873523	36841,28291	0,135832344	0,421062345	0,44310531
	7,895094246	1,11408455	6,990315816	36029,52077	0,136396717	0,414232839	0,449370444
	8,064346193	1,073932665	7,409267879	41228,14951	0,136558457	0,453397068	0,410044475
	8,063015746	1,073939793	7,40797985	41220,26778	0,136700466	0,453205018	0,410094516
	7,916862011	1,108135393	7,047487755	36752,23784	0,136711131	0,419507132	0,443781738
	8,049335867	1,076987684	7,374313174	40803,29903	0,136739368	0,450081558	0,413179074
	8,048148649	1,076962858	7,373380791	40799,83488	0,136880657	0,449921957	0,413197385
	8,102076288	1,064396658	7,511095443	42525,76294	0,137038421	0,462486461	0,400475118
	7,900645108	1,111285117	7,012920078	36345,81917	0,137044092	0,416036254	0,446919655
	8,077540896	1,069907333	7,449476463	41757,57484	0,137050755	0,456837989	0,406111257
	7,944496397	1,100729629	7,120009122	37668,76432	0,137076512	0,426175601	0,436747887
	7,930035968	1,104002134	7,08580566	37250,77172	0,137152163	0,422901831	0,439946006
	8,019380054	1,082822104	7,306914614	39994,2495	0,137242158	0,44357943	0,419178411
	8,021887424	1,081995471	7,314814378	40099,11536	0,137358248	0,44425152	0,418390232
	8,094616257	1,065415319	7,496911973	42367,06593	0,137359023	0,461025135	0,401615842
	7,885235399	1,11380571	6,983214335	36011,30027	0,137572344	0,412909382	0,449518275
	7,893337752	1,111804712	7,003070117	36256,87529	0,137593676	0,414795218	0,447611106
	8,055480753	1,073660346	7,402889921	41211,89583	0,137655837	0,45223947	0,410104693
	7,906198584	1,108248853	7,037144382	36688,73876	0,137801426	0,417929148	0,444269426
	7,880364462	1,113846733	6,978584068	35983,84854	0,138072171	0,412190025	0,449737804
	7,987976639	1,087542938	7,246321013	39311,60761	0,138436763	0,437302626	0,424260611
	7,874055298	1,114002071	6,97194745	35937,77752	0,138672846	0,411220491	0,450106663

Table 6i: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 9

SPGSAGTR 9	7,968867146	1,091254019	7,204166592	38809,32403	0,138780058	0,433173	0,428046942
	7,910450556	1,104825421	7,062798348	37068,18923	0,138875846	0,419778176	0,441345978
	7,900656289	1,106668571	7,042185074	36827,07372	0,139094958	0,417696489	0,443208554
	7,955267657	1,093324417	7,178085602	38516,32481	0,139289124	0,4304481	0,430262776
	8,003883708	1,081341922	7,302585935	40078,01253	0,13960916	0,441918787	0,418472053
	7,913971547	1,101819971	7,085259258	37402,42842	0,139846522	0,421374769	0,438778709
	7,950542039	1,093190729	7,174640649	38506,91654	0,139854816	0,429815493	0,43032969
	7,922017187	1,099690641	7,106294713	37667,97447	0,139948258	0,423312515	0,436739227
	7,828250321	1,121519943	6,8843706	34955,31629	0,140220433	0,401907651	0,457871917
	7,829491357	1,120789589	6,889964036	35034,90977	0,140405606	0,402343533	0,457250861
	7,838148502	1,118644759	6,910913447	35292,92547	0,140427292	0,404357604	0,455215104
	7,941729788	1,093934147	7,161709336	38382,33788	0,140455106	0,428268377	0,431276517
	8,047634665	1,069454932	7,424663754	41648,5044	0,140513412	0,452739672	0,406746915
	8,010729055	1,077548784	7,334644867	40536,88157	0,140649968	0,44433874	0,415011292
	7,908074167	1,101015273	7,085081345	37458,4758	0,140831278	0,420810645	0,438358077
	7,824121377	1,1209562	6,884149425	34992,96773	0,140894148	0,401499963	0,457605889
	7,879221639	1,106996649	7,020735111	36688,59973	0,141213474	0,414465488	0,444321039
	8,0333403	1,070884528	7,401403885	41408,85725	0,141369664	0,450135138	0,408495198
	7,844992201	1,114799759	6,940888476	35717,53383	0,141380163	0,4067061	0,451913737
	7,847489192	1,113143442	6,95345946	35899,33821	0,14184025	0,407653841	0,45050591
	7,852277329	1,111365066	6,96889453	36105,34115	0,142116226	0,408981162	0,448902612
	7,906359079	1,098306764	7,100992126	37737,33575	0,142224032	0,421540828	0,436235141
	7,920646997	1,094887315	7,136218943	38173,88614	0,142255624	0,424861495	0,432882881
	7,841824436	1,113380106	6,946893518	35847,98563	0,142327402	0,406741166	0,450931432
	7,925512074	1,093086045	7,152429318	38391,87232	0,142555756	0,426226085	0,43121816
	7,877491514	1,104330081	7,03612104	36958,97697	0,14257267	0,41516508	0,442262251
	7,964450583	1,083914413	7,248874168	39588,86384	0,142624237	0,435261576	0,422114187
	7,996135162	1,076156016	7,33057628	40615,89819	0,142859846	0,442759225	0,414380929
	7,982809839	1,079177579	7,297703917	40208,44916	0,142867514	0,439692289	0,417440197
	7,85863649	1,107201835	7,000841985	36567,2384	0,143275169	0,411384475	0,445340356
	8,040856715	1,065132012	7,448433839	42107,267	0,143303666	0,453431799	0,403264535
	8,015551542	1,070182028	7,389640207	41393,24955	0,143601344	0,447836433	0,408562222
	7,995762121	1,074467179	7,341751221	40803,44003	0,143688709	0,44334314	0,412968151
	7,844320672	1,109523317	6,97329128	36257,22782	0,143746541	0,408463906	0,447789553
	7,864798396	1,104505906	7,023508846	36878,45603	0,143818415	0,413244647	0,442936938
	7,876324309	1,101650379	7,052176501	37234,73787	0,143879056	0,415951809	0,440169135
	7,86412433	1,104459571	7,023193183	36880,0045	0,143908835	0,413162276	0,442928889
	7,841603743	1,109712055	6,969656956	36224,61779	0,14394564	0,407998244	0,448056116
	7,994508694	1,074105578	7,343055896	40837,4343	0,143990511	0,443298008	0,412711481
	7,892948768	1,097439921	7,094381405	37762,70217	0,144015962	0,41989646	0,436087578
	7,935185174	1,086716688	7,203251652	39131,09433	0,144426349	0,429968877	0,425604775
	7,929351993	1,088054883	7,189031285	38955,5219	0,144429907	0,428626483	0,42694361
	7,976246048	1,077171736	7,305199707	40397,38185	0,144492344	0,439491827	0,416015829
	7,864558044	1,100931721	7,046092414	37252,32619	0,145416972	0,414481284	0,440101744
	7,900471326	1,091736742	7,13833256	38410,40876	0,145782271	0,423058997	0,431158732
	8,008806431	1,06701659	7,405241032	41717,31138	0,145808637	0,448064943	0,40612642
	7,871510328	1,097947155	7,071577986	37602,0037	0,146016329	0,416569088	0,437414584
	7,953767743	1,078470933	7,275556629	40134,57966	0,146252019	0,435730093	0,418017888
	7,926968215	1,083289317	7,218456505	39463,36149	0,146842265	0,430026568	0,423131167
	7,885611586	1,092413957	7,120304658	38262,47356	0,147017863	0,420630683	0,432351454
	7,961407147	1,074472515	7,309740955	40620,46775	0,147297708	0,438337122	0,41436517
	7,806551742	1,109627453	6,938599371	36064,286	0,147576469	0,402849119	0,449574412
	7,804529465	1,11004373	6,934175529	36011,74304	0,147602891	0,402404091	0,449993018
	7,954018392	1,074570753	7,302196693	40570,26322	0,148021513	0,437218131	0,414760356
	7,906879774	1,085031478	7,18835217	39169,07364	0,148133567	0,426437422	0,425429011
	7,87536742	1,092179196	7,112455582	38235,80941	0,148176644	0,419204746	0,432618611
	7,936407095	1,077734454	7,264419976	40125,0045	0,148395691	0,433458987	0,418145322
	7,924639226	1,079579057	7,241107336	39859,22439	0,148770747	0,431048185	0,420181068
	7,960497834	1,069718222	7,341378572	41149,95338	0,14959205	0,439981864	0,410426086
	7,980047701	1,064906088	7,392911347	41802,09342	0,149806954	0,444664226	0,40552882
	7,814955097	1,102310122	6,992282432	36863,26023	0,149883689	0,406651992	0,443464319
	7,821648792	1,100667044	7,008802014	37068,04621	0,149919997	0,408225063	0,44185494
	7,83830322	1,096791796	7,048750595	37558,59762	0,149923642	0,412068914	0,438007444
	7,846633871	1,094735063	7,06960317	37818,28544	0,149980494	0,414036111	0,435983395
	7,985424738	1,062787175	7,412710209	42073,98535	0,150242238	0,446256125	0,403501637
	7,921248636	1,076825146	7,25647731	40145,94385	0,15037336	0,431561581	0,418065059
	7,871047638	1,087589381	7,138499489	38707,39138	0,150658993	0,420214913	0,429126094
	7,844997182	1,09314964	7,078359175	37978,6758	0,15084342	0,41435613	0,43480045
	7,93131761	1,073096483	7,291074325	40614,32438	0,151042696	0,43442473	0,414532574
	7,985479664	1,06090478	7,425914575	42290,62858	0,151120371	0,446978562	0,401901067
	7,797475769	1,103069678	6,971621579	36698,21271	0,151314162	0,403777057	0,444908781
	7,863661507	1,087715936	7,130878431	38655,89744	0,151352931	0,419072388	0,429574682
	7,890658045	1,081429334	7,197295654	39478,39815	0,151417857	0,425350905	0,423231238
	7,836079167	1,092736398	7,072874832	37977,64653	0,151925381	0,413173943	0,434900675
	7,940211252	1,068492824	7,330811847	41179,01203	0,152245758	0,437448215	0,410306028
	7,943714692	1,067534097	7,34067728	41306,24956	0,152329217	0,438323648	0,409347135
	7,870597052	1,083347338	7,166035658	39164,82692	0,152594465	0,421675385	0,425730151
	7,888679463	1,078026578	7,218712311	39841,67312	0,153149387	0,426294144	0,420556469
	7,857767969	1,084096442	7,149250078	39017,01952	0,153554769	0,419492881	0,42695235
	7,776606631	1,102121202	6,958685869	36694,1306	0,153799678	0,400973111	0,445227211
	7,804108015	1,095567686	7,025414054	37516,69773	0,153891799	0,407390039	0,438718162
	7,936360369	1,06542696	7,348292531	41505,05253	0,154051239	0,438019429	0,407929332
	7,921876261	1,068580379	7,313052921	41070,25359	0,154073642	0,434697159	0,411229199
	7,882892177	1,076864057	7,220596445	39939,32075	0,154256923	0,425854648	0,419888429
	7,921316777	1,06797235	7,316692593	41135,71571	0,154408784	0,434839015	0,410752201
	7,878500251	1,077363533	7,213172358	39861,12465	0,154474783	0,425017857	0,42050736
	7,834917366	1,087118687	7,108355381	38572,86765	0,154509235	0,41499446	0,430496305
	7,880449242	1,076634716	7,219865502	39951,72715	0,154606006	0,425573404	0,41982059
	7,782047153	1,098959115	6,983659037	37050,49743	0,154616744	0,402888236	0,44249502
	7,840510956	1,085101697	7,126723308	38819,05725	0,154839265	0,416551228	0,428609507
	7,827570046	1,087993971	7,095883665	38441,19936	0,154857608	0,413581575	0,431560817
	7,798221384	1,094044777	7,029812806	37647,91707	0,15513555	0,407037731	0,437826719
	7,957391305	1,058228614	7,418151244	42443,81675	0,155251228	0,443839577	0,400909195
	7,769215531	1,099595825	6,96794582	36920,35424	0,155608603	0,400730652	0,443660746
	7,957038569	1,057193078	7,425083774	42561,37407	0,155770147	0,444177655	0,400052199
	7,857845269	1,078883888	7,183862838	39585,57576	0,155865183	0,42137815	0,422756667
	7,766503486	1,099362679	6,966956618	36931,20376	0,155974514	0,400400945	0,443624541
	7,865385723	1,07664696	7,205792257	39870,87805	0,156110653	0,423315564	0,420573784
	7,943221248	1,059408483	7,396514166	42229,61904	0,156138657	0,44128891	0,402572433
	7,91767306	1,06463468	7,336208196	41493,156	0,156306124	0,435532253	0,408161623

Table 6j: Sorted MC Simulations results for SPGSAGTR for the Expansion period – Part 10

SPGSAGTR 10							
	7,948539506	1,057684164	7,413600751	42457,48577	0,156402006	0,442728284	0,400869711
	7,913025987	1,065184159	7,328061094	41405,61881	0,156521941	0,434634967	0,408843092
	7,799810481	1,089365329	7,061468616	38152,71783	0,157007864	0,408917553	0,434074583
	7,806331099	1,087774671	7,077789095	38355,95964	0,157057755	0,410461687	0,432480559
	7,897584814	1,067202823	7,299730894	41094,04022	0,157149971	0,431581486	0,411268542
	7,863680082	1,074620038	7,217796441	40085,38573	0,157187554	0,423792631	0,419019815
	7,940752786	1,057269176	7,409145721	42462,07425	0,157380487	0,44172336	0,400896153
	7,764813668	1,095662651	6,988941589	37309,72253	0,157721675	0,401423414	0,440854911
	7,826803407	1,081044073	7,140793057	39187,55952	0,157988408	0,415935305	0,426076287
	7,816972825	1,08315103	7,1178268	38908,10403	0,158030884	0,413702473	0,428266642
	7,90176287	1,063960327	7,325904242	41482,77294	0,158209472	0,433401409	0,408389119
	7,846243636	1,076002458	7,192318363	39840,67308	0,158300294	0,420670771	0,421028935
	7,913610345	1,060592105	7,360340428	41930,72305	0,158568311	0,436423756	0,405007933
	7,839515186	1,076809934	7,180676503	39716,46603	0,158606153	0,419366248	0,4220276
	7,818589688	1,08120632	7,132124689	39127,11475	0,158725478	0,414636781	0,426637741
	7,810269533	1,081914806	7,119764044	39007,00178	0,159230752	0,413126354	0,427642894
	7,817945039	1,080180328	7,138302229	39235,17272	0,159239605	0,414903663	0,425856732
	7,873677923	1,067444405	7,27568245	40937,54744	0,159420062	0,427902842	0,412677096
	7,77504149	1,0890475	7,040785725	38060,20447	0,159567488	0,40527411	0,435158402
	7,911050361	1,058763466	7,370634913	42125,65208	0,159663422	0,436718511	0,403618067
	7,910653158	1,05837223	7,372984228	42168,26691	0,159882686	0,436804131	0,403313183
	7,830401072	1,075538795	7,180689077	39807,814	0,160065682	0,418444013	0,421490305
	7,91735237	1,056251586	7,394129464	42449,08297	0,160192736	0,438599732	0,401207532
	7,791074325	1,083704695	7,090292183	38714,18489	0,160322634	0,409582023	0,430095343
	7,870182682	1,065820188	7,283490563	41100,93188	0,160498278	0,427968248	0,411533474
	7,825318188	1,075245521	7,17792043	39813,10266	0,160692979	0,417778806	0,421528215
	7,908616163	1,055686254	7,38981372	42465,45737	0,161319754	0,437495893	0,401184353
	7,790782483	1,081068937	7,107309093	38997,00657	0,161498097	0,41046481	0,428037093
	7,803361558	1,077906467	7,139831145	39406,15596	0,161660278	0,413496929	0,424842793
	7,810156856	1,076037641	7,158546469	39646,04268	0,16182098	0,415193976	0,422985044
	7,811628979	1,074517984	7,170040609	39820,38321	0,162346893	0,415958563	0,421694544
	7,817884375	1,073087834	7,185425771	40010,89266	0,162370662	0,417420417	0,420208921
	7,905320592	1,054065487	7,398050019	42633,88814	0,162391046	0,437601751	0,400007203
	7,840096848	1,066905047	7,247885341	40816,13642	0,162958078	0,42301793	0,414023992
	7,8437972	1,065909961	7,258123189	40947,53052	0,163042892	0,423939871	0,413017238
	7,855478507	1,062954257	7,289294959	41343,44744	0,16323163	0,426786408	0,409981963
	7,886314042	1,056113081	7,365709969	42292,00714	0,16332011	0,433969327	0,402710564
	7,770305617	1,080464726	7,092331693	38955,41891	0,163732886	0,407548678	0,428718436
	7,770697538	1,080015989	7,095641382	39005,93924	0,163889737	0,407765842	0,428344421
	7,832839159	1,066359922	7,24478443	40837,70787	0,163906156	0,422110439	0,413983405
	7,878956031	1,056240861	7,357852668	42236,34617	0,163981573	0,432807037	0,40321139
	7,772769536	1,079300026	7,102268096	39094,21902	0,164001732	0,408334216	0,427664052
	7,750098104	1,083634301	7,05293908	38509,54323	0,164295723	0,403343272	0,432361005
	7,738214279	1,086249214	7,025020396	38169,15998	0,164305747	0,400610683	0,43508357
	7,812302833	1,069922307	7,20146817	40330,58205	0,16430942	0,417700224	0,417990356
	7,792564369	1,074011026	7,155674183	39774,72265	0,164409274	0,413228777	0,422361949
	7,883540543	1,053595998	7,38067453	42565,88726	0,164741668	0,434478698	0,400779634
	7,816233499	1,066664034	7,227151056	40713,72128	0,16537377	0,419467013	0,415159217
	7,843417564	1,058880272	7,305949851	41738,00547	0,166234304	0,426431846	0,40733385
	7,764495815	1,075860809	7,117281672	39423,90758	0,166282285	0,408269406	0,425448309
	7,743511068	1,079303071	7,075139392	38940,57623	0,166781263	0,403833137	0,429385601
	7,73177854	1,080420937	7,056959823	38758,87421	0,167405953	0,401632259	0,430961788
	7,72944288	1,080559838	7,053891156	38731,75573	0,167565744	0,401222755	0,431211501
	7,740956549	1,077296978	7,085943157	39143,82753	0,16788469	0,404135874	0,427979436
	7,86107955	1,051212809	7,376040404	42714,2726	0,168003662	0,431935239	0,400061099
	7,750137492	1,073328355	7,120697092	39623,66946	0,168734969	0,406940472	0,424324559
	7,786625969	1,065248067	7,208963629	40710,64001	0,168823047	0,415426768	0,415750185
	7,824088104	1,057006895	7,300611512	41843,4922	0,168927294	0,424150682	0,406922023
	7,830967781	1,055214718	7,319530566	42085,88617	0,169076171	0,425857631	0,405066199
	7,719001891	1,079022564	7,054264431	38842,30545	0,169198696	0,400134684	0,430666621
	7,830363867	1,052880743	7,335182566	42349,37781	0,170183855	0,426613663	0,403202482
	7,765256803	1,066463079	7,180713105	40459,65192	0,170302212	0,411694101	0,418003687
	7,796924468	1,058634753	7,263726275	41508,42041	0,17077426	0,419378955	0,409846785
	7,768706375	1,064383502	7,197983585	40709,2303	0,170889099	0,412964017	0,416146884
	7,815999552	1,053240889	7,319036161	42227,43623	0,17138194	0,424269291	0,404348769
	7,810553149	1,054132153	7,307681233	42095,12832	0,171496438	0,423105767	0,405397794
	7,821197068	1,049903715	7,347250571	42639,54681	0,172391366	0,426283851	0,401324782
	7,714194413	1,072536147	7,092444422	39518,38518	0,17241861	0,401628531	0,425952859
	7,79071433	1,055753436	7,277667942	41799,8418	0,172636516	0,41945196	0,407911524
	7,74958046	1,064309659	7,18051274	40613,11963	0,172703574	0,410019718	0,417276708
	7,768649007	1,058683216	7,236685626	41346,39593	0,17339809	0,414978733	0,411623178
	7,776481962	1,056135354	7,261560306	41677,21845	0,173794339	0,417105474	0,409100188
	7,774904698	1,055035972	7,267632106	41792,8633	0,174426995	0,417253077	0,408319928
	7,756573587	1,058773283	7,224664917	41269,42705	0,174477114	0,413066	0,412456886
	7,760498928	1,053649622	7,263522307	41869,32084	0,176369281	0,415500661	0,408130058
	7,733471225	1,058704369	7,203313832	41149,25657	0,176628723	0,409477134	0,413894143
	7,772808142	1,047605823	7,317176531	42628,76214	0,177916793	0,419590266	0,402492942
	7,777722489	1,044970963	7,34032941	42960,44965	0,178641013	0,421308997	0,40004999
	7,757550236	1,048418554	7,29695102	42448,66115	0,178950805	0,416907195	0,404142
	7,737057631	1,050719914	7,261465338	42069,89967	0,179796605	0,412864752	0,407338643
	7,750022615	1,047884573	7,293485765	42466,93898	0,17987144	0,41591527	0,40421329
	7,681222173	1,061469731	7,135324313	40553,41902	0,180149794	0,400273248	0,419576958
	7,725142877	1,052274626	7,239413827	41826,33213	0,180191182	0,410435854	0,409372964
	7,756833929	1,045625905	7,315754605	42765,11568	0,180253804	0,417795174	0,401951022
	7,739430285	1,041941346	7,324921805	43089,93913	0,183456376	0,41637003	0,400173594
	7,677006098	1,053094814	7,18806569	41463,09823	0,184123941	0,402513112	0,413362947
	7,697785737	1,048383748	7,24018696	42112,62044	0,184331895	0,40747347	0,408194635
	7,699139499	1,047223499	7,249501282	42252,28978	0,184717943	0,408097712	0,407184345
	7,704168649	1,045870398	7,263688946	42435,36459	0,184864342	0,409375883	0,405759775
	7,677646602	1,049408141	7,21392841	41882,09708	0,185660469	0,403902758	0,410436773
	7,702882834	1,043723714	7,277396627	42673,69403	0,185917453	0,409930543	0,404152004
	7,668525082	1,050607924	7,19700805	41694,99713	0,1859405	0,402025461	0,412034038
	7,692830309	1,044702118	7,260958679	42503,8391	0,186373847	0,407981083	0,40564507
	7,679695997	1,045238256	7,244668438	42367,23159	0,187290014	0,405692512	0,407017475
	7,700917122	1,038857922	7,309590235	43222,88887	0,188225933	0,411343081	0,400430986
	7,65594129	1,047248049	7,208082078	42002,98659	0,188483223	0,401178552	0,410338225
	7,667236649	1,044616672	7,237052075	42366,54705	0,188643392	0,403912989	0,407443619
	7,656230735	1,045758675	7,21862464	42173,50186	0,189100944	0,401744591	0,409154465
	7,672284567	1,037012712	7,294985954	43268,99539	0,191518839	0,4074013	0,401079861
	7,657968787	1,038674606	7,269531135	42993,45867	0,192022102	0,404506515	0,403471383
	7,634385234	1,036688584	7,260708715	43084,17831	0,194887728	0,401383794	0,403728478

Table 7a: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 1

SPGSAGTR 1	Mean Return	Sharpe Ratio	Standard Deviation	VaR	Commodity Weight	Stock Weight	Bond Weight
	8,754987501	1,152097356	7,506046306	35913,6	0,005627921	0,495776707	0,498595372
	8,755538678	1,152318093	7,505086775	35892,31	0,005850711	0,495645628	0,498503661
	8,778807847	1,148743747	7,548695236	36376,91	0,007353621	0,499270308	0,493376071
	8,785733996	1,14952102	7,549616271	36322,8	0,008959305	0,499006795	0,4920339
	8,773201405	1,154916472	7,503495034	35689,5	0,010310622	0,494550426	0,495138952
	8,768748125	1,157959038	7,479933609	35346,48	0,011493673	0,492152342	0,496353985
	8,772705849	1,157086546	7,488994219	35455,93	0,011596348	0,492946096	0,495457556
	8,777656999	1,156241763	7,498747994	35566,86	0,011880184	0,493759007	0,494360809
	8,803719533	1,149510707	7,565330259	36401,41	0,011903873	0,49974219	0,488353937
	8,797455464	1,151345312	7,547834671	36176,28	0,012041229	0,498138363	0,489820407
	8,774521908	1,157923001	7,485152727	35374,59	0,012426156	0,492403247	0,495170597
	8,779343073	1,158084426	7,488272428	35377,69	0,01331723	0,49246565	0,494202627
	8,797774112	1,153374675	7,534830533	35959,19	0,013397059	0,496640564	0,489962377
	8,786498622	1,158425345	7,492245627	35371,49	0,014751762	0,492470188	0,49277805
	8,818681746	1,15084829	7,569538425	36321,01	0,015281489	0,49927847	0,485440041
	8,768155128	1,164173104	7,439498215	34687,3	0,015336912	0,487561608	0,49710148
	8,819689488	1,151375872	7,566945169	36268,28	0,015798887	0,49891126	0,485289852
	8,785648691	1,160672136	7,477010109	35129,39	0,016056606	0,490761975	0,493181419
	8,817218666	1,153960274	7,547857121	35979,01	0,01707633	0,496860986	0,486062683
	8,830187714	1,15063703	7,580927858	36393,29	0,017108648	0,499814502	0,48307685
	8,77674111	1,165721441	7,436982293	34560,06	0,017799468	0,486687853	0,49551268
	8,806905799	1,158557989	7,509002122	35443,04	0,018327689	0,493032381	0,48863993
	8,768502307	1,169619094	7,405155197	34118,94	0,018902587	0,483509372	0,497588041
	8,838127203	1,151335005	7,583227963	36351,73	0,018949151	0,499512555	0,481538294
	8,799833509	1,161419579	7,484411553	35109,28	0,018985798	0,490638653	0,490375549
	8,839614218	1,152016377	7,580033581	36284,32	0,019667046	0,499023519	0,481309435
	8,78912303	1,165924996	7,44630372	34589,57	0,020083511	0,486896411	0,493020078
	8,783018805	1,168876536	7,422278694	34255,43	0,020955469	0,48447811	0,494566421
	8,794920584	1,167287527	7,442578615	34470,32	0,022008735	0,486002299	0,491988966
	8,7628659	1,176427064	7,357510524	33391,62	0,022356792	0,478206364	0,499436844
	8,794543595	1,16792366	7,43820208	34402,1	0,022365646	0,485501728	0,492132626
	8,800399802	1,167292978	7,447237812	34492,16	0,022989537	0,486129273	0,49088119
	8,856476857	1,153112362	7,587452663	36237,72	0,023408268	0,498576696	0,478015037
	8,79111952	1,171876479	7,410190646	33975,59	0,024397938	0,482356808	0,493245254
	8,857267961	1,154350081	7,580002555	36107,27	0,024407329	0,497601318	0,477991352
	8,810432716	1,166850134	7,458662485	34579,75	0,024496888	0,486696213	0,488806899
	8,794049576	1,171397956	7,415719087	34037,23	0,02460596	0,482791469	0,492602571
	8,832885726	1,161218641	7,514170048	35268,24	0,024723407	0,491611892	0,483664701
	8,77519037	1,177188169	7,363222973	33362,34	0,025075708	0,477897694	0,497026598
	8,861349748	1,154529688	7,58235881	36105,21	0,025274555	0,497537636	0,477187808
	8,769611238	1,179862574	7,341804066	33065,82	0,025851591	0,475711834	0,498436575
	8,776380503	1,178138833	7,358291622	33269,32	0,025930371	0,477181687	0,496887942
	8,869904341	1,153376646	7,59735597	36266,34	0,026032444	0,498632202	0,475335355
	8,818934808	1,167126704	7,464179663	34585,48	0,026235149	0,486642505	0,487122346
	8,815593718	1,168506544	7,45250625	34426,88	0,026569564	0,485484413	0,487946023
	8,791961211	1,17496978	7,391398452	33658,07	0,026642469	0,479949708	0,493407823
	8,868575793	1,154600926	7,588149465	36128,19	0,026649529	0,49761066	0,475739811
	8,850067582	1,160933233	7,530817396	35370,25	0,027678894	0,492149285	0,480171821
	8,802776532	1,173691229	7,408665002	33833,93	0,027765239	0,481142785	0,491091976
	8,886527202	1,152202579	7,619524523	36464,75	0,02827548	0,499866344	0,471858175
	8,806819386	1,173945572	7,410503684	33823,74	0,028692918	0,481000065	0,490307017
	8,886403644	1,153055404	7,613781799	36371,53	0,028863707	0,499156146	0,471980147
	8,790572957	1,179023537	7,364807647	33234,58	0,029157642	0,47671468	0,494127678
	8,856117633	1,162161127	7,528066489	35264,5	0,029677513	0,491228346	0,47909414
	8,782560191	1,182435345	7,336780677	32853,7	0,030001102	0,473889251	0,496109647
	8,886456118	1,155036811	7,600766171	36156,92	0,030301004	0,497502548	0,472196449
	8,85152196	1,164455873	7,509284609	35001,52	0,03044199	0,489282514	0,480275496
	8,87749603	1,157776127	7,575043593	35823,42	0,030580279	0,495112484	0,474307237
	8,804151414	1,177435426	7,386273443	33451,87	0,030615377	0,478156807	0,491227817
	8,86899273	1,160512067	7,549858015	35494,19	0,030935531	0,492739717	0,476324753
	8,803909697	1,178370888	7,380204646	33354,47	0,031223256	0,477396583	0,491380161
	8,789210655	1,182704322	7,340735205	32852,24	0,031448078	0,473746087	0,494805835
	8,893040504	1,15509174	7,606105038	36178,89	0,031594039	0,497522548	0,470883413
	8,828421307	1,172369974	7,438888833	34074,62	0,03167078	0,482530899	0,485798322
	8,883666704	1,158336365	7,576707052	35789,07	0,032164452	0,494699671	0,473135878
	8,88397579	1,158362312	7,576804165	35787,58	0,032242751	0,494680211	0,473077038
	8,905662943	1,152984816	7,630951793	36461,36	0,032470409	0,499417946	0,468111645
	8,899072453	1,155983618	7,605454713	36107,87	0,033410566	0,496808463	0,46978097
	8,875591053	1,162220211	7,544439147	35339,07	0,033441947	0,49135673	0,475201323
	8,880792895	1,161504441	7,553566901	35437,19	0,033927771	0,49199337	0,474078859
	8,885581514	1,16034827	7,565220156	35580,98	0,034009317	0,493003235	0,472987448
	8,834316066	1,174157093	7,432586935	33912,02	0,034086065	0,481091267	0,484822669
	8,816566912	1,17914925	7,38606713	33324,32	0,03421254	0,476851318	0,488936141
	8,866080226	1,167000708	7,505384331	34791,78	0,035090644	0,487252614	0,477656742
	8,84246923	1,17360732	7,443015805	34002,02	0,035283573	0,481583772	0,483132655
	8,919536075	1,153377257	7,640383597	36477,77	0,035464513	0,499147515	0,465387972
	8,913089441	1,155211746	7,622670105	36250,87	0,035575586	0,497532045	0,466892369
	8,893963498	1,160728419	7,569963791	35575,19	0,035936173	0,492703261	0,471360565
	8,868626035	1,16779372	7,502467674	34718,35	0,036177661	0,486579981	0,477242358
	8,926676569	1,152521266	7,652253746	36601,61	0,036227418	0,499910142	0,46386244
	8,831246794	1,178438621	7,402978179	33455,69	0,036588048	0,477483842	0,48592811
	8,881262698	1,165403642	7,528697344	35023,42	0,036910014	0,488645562	0,474444425
	8,922687558	1,15507457	7,63188489	36306,46	0,037376989	0,49765793	0,464965081
	8,796529661	1,189082222	7,307516759	32232,66	0,037400571	0,468535607	0,494063821
	8,898838803	1,161435542	7,569552583	35519,67	0,037436974	0,492088326	0,4704747
	8,776805773	1,194901615	7,255421087	31573	0,037645408	0,463703068	0,498651523
	8,813743022	1,184786868	7,348538259	32735,27	0,037727847	0,472126131	0,490146021
	8,871116369	1,16943713	7,494053973	34555,05	0,037897546	0,485161116	0,476941339
	8,881063729	1,16754812	7,514698691	34795,16	0,038480214	0,486779951	0,474739835
	8,832732926	1,180662466	7,390292973	33232,17	0,038519374	0,475588342	0,485892284
	8,815830743	1,186584107	7,339167358	32560,25	0,039468672	0,470590146	0,489941182
	8,914289165	1,160154497	7,5912284	35721,7	0,039576543	0,493171973	0,467251484
	8,846951355	1,178223953	7,417655985	33540,07	0,039587977	0,477629031	0,482782992
	8,874686861	1,171430462	7,484349906	34359,73	0,040123912	0,483404393	0,476471695
	8,887024911	1,168260719	7,515217596	34744,08	0,040232099	0,48612446	0,473643441
	8,824150995	1,186187443	7,348635877	32632,79	0,040876639	0,470877283	0,488246077
	8,899396685	1,165796329	7,541716392	35056,23	0,040877792	0,488229382	0,470892826
	8,944226125	1,154034434	7,657427252	36511,21	0,040936857	0,498499659	0,460563484
	8,807918032	1,190778064	7,306673591	32104,91	0,040954716	0,467043095	0,49200219

Table 7b: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 2

SPGSAGTR 2							
	8,929800241	1,15847033	7,61565369	35968,35	0,041446781	0,494581752	0,463971467
	8,933511239	1,158225724	7,620466081	36010,4	0,04202239	0,494770516	0,463207094
	8,793362559	1,196356775	7,260435468	31489,91	0,042089056	0,462371658	0,495539286
	8,917796799	1,162513428	7,578841838	35482,89	0,042128683	0,491023211	0,466848106
	8,863493101	1,177216442	7,438055901	33710,2	0,042229475	0,478382685	0,47938784
	8,908842322	1,165048959	7,554661852	35174,71	0,042250696	0,488816694	0,46893261
	8,931203436	1,159789415	7,608201909	35831,75	0,042776105	0,493364793	0,463859102
	8,886390709	1,172313198	7,48869784	34314,21	0,043225617	0,482508974	0,474265409
	8,858020625	1,180486089	7,41281859	33349,81	0,043597783	0,475534854	0,480867363
	8,965596854	1,152264458	7,687736435	36796,04	0,043970989	0,499911962	0,456117048
	8,871749443	1,178248689	7,438546828	33635,71	0,044764254	0,477349207	0,477886539
	8,931695173	1,162236996	7,592602719	35570,25	0,044826895	0,491101513	0,464071591
	8,933119126	1,161969423	7,595576572	35604,93	0,044914738	0,491328109	0,463757153
	8,847977691	1,185023074	7,375962955	32844,02	0,04497965	0,471617255	0,483403095
	8,946471246	1,158533176	7,629630321	36031,54	0,044986849	0,494323853	0,460689298
	8,967225778	1,153125723	7,683407115	36708,54	0,045013301	0,499079683	0,455907016
	8,919886255	1,165924333	7,558462082	35126,78	0,045266271	0,4878689	0,466864829
	8,861903111	1,181613403	7,409032166	33248,7	0,045296079	0,474462072	0,480241849
	8,952995268	1,157602788	7,641398206	36159,86	0,045622906	0,495091312	0,459285781
	8,895335839	1,173887019	7,486277894	34184,96	0,046365701	0,480932851	0,472701447
	8,862396537	1,183248593	7,399210271	33082,21	0,046685978	0,472965097	0,480348925
	8,790173469	1,203459561	7,214934637	30773,38	0,046779979	0,456199811	0,497020209
	8,912429359	1,169833027	7,526833111	34681,09	0,046802573	0,484368725	0,468828702
	8,794850264	1,202288438	7,225852461	30906,19	0,046894094	0,457146141	0,495959764
	8,856297801	1,185399105	7,380641986	32837,78	0,047062438	0,471122301	0,481815261
	8,826179621	1,193787276	7,303552651	31870,95	0,047107444	0,464124178	0,488768378
	8,902836022	1,173111794	7,497618445	34296,49	0,04736576	0,481503591	0,471130649
	8,895968484	1,175050379	7,479404495	34065,57	0,047433723	0,479841011	0,472725266
	8,928988416	1,166407501	7,563134675	35112,61	0,047614525	0,487246654	0,465138821
	8,826149175	1,194981117	7,296230589	31750,82	0,048035703	0,463041386	0,488922911
	8,794118038	1,204100918	7,214367595	30724,61	0,048136274	0,455537697	0,49632603
	8,788460338	1,205772879	7,199671754	30539,46	0,048191634	0,454168739	0,497639626
	8,918827683	1,170233824	7,529722783	34664,64	0,048519146	0,483854973	0,467625881
	8,861882392	1,185989091	7,381679189	32798,99	0,048751719	0,470452511	0,48079577
	8,914155338	1,172038883	7,514139733	34455,05	0,048968589	0,482256555	0,468774856
	8,870281866	1,184180309	7,400047443	33017,13	0,049151366	0,471926473	0,478922161
	8,947834309	1,16332946	7,59934586	35519,77	0,049204201	0,489750668	0,461045131
	8,94679056	1,16375632	7,595661577	35469,61	0,049328675	0,4893657	0,461305624
	8,907711003	1,174224554	7,494664948	34199,16	0,04933593	0,480344623	0,470319447
	8,837096504	1,194053449	7,311067284	31885,39	0,04971687	0,463617775	0,486665355
	8,801236886	1,204119004	7,220171312	30748,88	0,049724808	0,4553385	0,494936692
	8,786847072	1,208267626	7,183471185	30289,12	0,04978101	0,451954735	0,498264255
	8,971917148	1,157773904	7,656612159	36220,89	0,049873329	0,49452928	0,455597391
	8,991385792	1,152798259	7,70654737	36847,57	0,049972212	0,498904612	0,451123176
	8,831380753	1,195987395	7,294465975	31669,48	0,049989128	0,461984064	0,488026808
	8,791928213	1,207200275	7,194031507	30412,01	0,050076293	0,45278436	0,497139347
	8,96254676	1,160957152	7,627547102	35836,52	0,050475316	0,491670597	0,457854087
	8,900636343	1,177544487	7,467526741	33823,52	0,050488712	0,477377067	0,472134221
	8,976643309	1,157367158	7,663386551	36285,06	0,050577518	0,494803151	0,454619331
	8,989706971	1,155124838	7,689571968	36585,13	0,051582355	0,496651423	0,451766222
	8,907754779	1,177184864	7,475855027	33889,32	0,051788381	0,477512545	0,470699075
	8,81508033	1,203179325	7,237315963	30892,45	0,052092144	0,455787591	0,492120265
	8,899628531	1,17977783	7,452536328	33587,03	0,052109753	0,475265997	0,47262425
	8,87312583	1,187055625	7,384518674	32733,26	0,052130379	0,469129944	0,478739676
	8,872123191	1,187510959	7,380842868	32682,83	0,052278235	0,46872736	0,478994405
	8,873297236	1,187313337	7,383060196	32707,56	0,052381954	0,468877921	0,478740125
	8,802042173	1,207631301	7,199838864	30406,39	0,052709345	0,452065403	0,495225253
	8,883841006	1,184840809	7,407366069	33001,92	0,052733744	0,47090187	0,476364386
	8,972535559	1,160998199	7,635881065	35873,71	0,052751927	0,491335859	0,455912215
	8,882833469	1,185313124	7,403564421	32949,46	0,052896691	0,470480667	0,476622642
	8,902136404	1,180558641	7,449731596	33515,82	0,053333759	0,474425857	0,472240384
	8,884572379	1,185435941	7,404264267	32943,59	0,05339705	0,470301829	0,476301121
	8,929421661	1,173281539	7,519192936	34385,5	0,0534277	0,480609612	0,465962687
	9,000128611	1,154866342	7,700317253	36657,66	0,053714346	0,49658411	0,449701545
	8,990224369	1,157499936	7,674240574	36327,78	0,053750812	0,494257696	0,451991492
	8,948694019	1,168634674	7,565583002	34955,83	0,053873039	0,484538165	0,461588796
	8,792261296	1,211855531	7,16667101	29958,64	0,05387712	0,448456353	0,497666527
	8,995734017	1,15624649	7,687325061	36487,9	0,05391646	0,49533638	0,45074716
	8,921814863	1,176109313	7,49464643	34057,81	0,054087247	0,478090949	0,467821804
	8,864725462	1,191773971	7,348234042	32220,44	0,054120013	0,464886811	0,480993176
	8,985962374	1,159225791	7,659138581	36122	0,054279443	0,492662143	0,453058414
	8,898519681	1,182721568	7,433049775	33277,59	0,054325799	0,472442068	0,473232133
	8,831029083	1,201565718	7,260308408	31111,16	0,054442673	0,456741695	0,488815632
	8,84937023	1,196522373	7,306239341	31683,24	0,054519782	0,460882234	0,484597984
	8,996653789	1,156793724	7,684483595	36431,97	0,054606512	0,494748791	0,450644697
	8,80798716	1,208334521	7,200568724	30358,94	0,054657406	0,451178825	0,494163768
	8,893540267	1,184733598	7,41622326	33050,61	0,054876159	0,470655879	0,474467962
	8,891216986	1,186003856	7,406321274	32910,97	0,055414106	0,469496642	0,475089252
	8,811451127	1,20867051	7,201433025	30338,52	0,055748084	0,450713698	0,493538217
	8,973691629	1,164454193	7,61421126	35505,71	0,056021692	0,487813105	0,456165203
	8,785124121	1,216843341	7,131429684	29450,34	0,056292855	0,444010728	0,499696418
	8,826510529	1,205571192	7,23243819	30697,92	0,056723018	0,45305689	0,490220092
	8,80352253	1,212585186	7,171645534	29927,85	0,057132725	0,4472805	0,495586775
	8,904393313	1,18448979	7,426912406	33117,9	0,057216228	0,470446914	0,472336858
	8,904244009	1,184865112	7,424433824	33078,63	0,057506722	0,470075824	0,472417454
	8,954153027	1,171671096	7,550635719	34655,38	0,057794879	0,481252074	0,460953046
	9,026642762	1,15275398	7,737428383	37002,94	0,057987	0,49774727	0,44426573
	8,848448614	1,201222221	7,276886044	31209,64	0,058277772	0,456314508	0,48540772
	8,87723055	1,193263009	7,349544138	32116,94	0,058336569	0,462884162	0,478779269
	8,928591581	1,179413628	7,479394823	33739,18	0,058545686	0,474486881	0,466967432
	8,877752884	1,193557645	7,34816749	32089,07	0,058718668	0,462561805	0,478719526
	8,847967287	1,202254409	7,270238163	31105,1	0,059051448	0,45530688	0,485641672
	8,879998692	1,193503204	7,350384368	32103,08	0,059214853	0,462504708	0,478280439
	8,925983503	1,180921976	7,467633157	33571,8	0,059254726	0,473063683	0,467681592
	8,911330146	1,185036449	7,429340049	33088,47	0,059358738	0,469563732	0,471077531
	8,858172894	1,199946223	7,292728065	31372,97	0,059532064	0,457103543	0,483364393
	8,831327926	1,207820017	7,222960713	30493,85	0,059807959	0,450592721	0,48959932
	8,956122346	1,173540292	7,540287293	34465,47	0,059939286	0,479221067	0,460839647
	8,900710389	1,188643808	7,397858744	32676,84	0,059973182	0,466402478	0,47362434
	8,92285851	1,182662244	7,454002319	33378,84	0,060047433	0,471424308	0,468528259

Table 7c: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 3

SPGSAGTR 3							
	8,954097974	1,174252762	7,533988308	34382,1	0,060091243	0,478578095	0,461330663
	8,972090518	1,169433933	7,580418927	34965,89	0,060092527	0,482726112	0,457181361
	8,94097855	1,178048746	7,498575237	33930,8	0,060323068	0,47528378	0,464393152
	8,984607589	1,1668402	7,607996532	35294,33	0,060767067	0,484831112	0,454401821
	8,920707628	1,184098583	7,443143973	33221,75	0,060808879	0,470045815	0,469145307
	8,973320357	1,170052228	7,577464277	34904,99	0,060955673	0,482009432	0,457034895
	9,018000042	1,158674152	7,69043534	36316,4	0,061361949	0,491842785	0,446795266
	8,858628525	1,202042729	7,280387727	31165,44	0,061488283	0,454941537	0,48357018
	9,037476238	1,153918531	7,739008087	36920,59	0,061667159	0,495980745	0,442352096
	8,954076277	1,176027958	7,522597415	34194,95	0,06169995	0,476708741	0,461591309
	8,967170074	1,172753312	7,554767556	34593,17	0,061924826	0,479467868	0,458607306
	9,03962707	1,153786231	7,741759636	36944,34	0,062068897	0,496011198	0,441919904
	9,027656786	1,157106719	7,709198508	36528,46	0,062259955	0,493029149	0,444710896
	8,788255645	1,222996923	7,098108002	28870,93	0,062300405	0,43777071	0,499928886
	8,828108218	1,211599488	7,19777196	30111,73	0,062320182	0,446938734	0,490741083
	9,057846387	1,149374281	7,787328407	37511,69	0,062355257	0,499881138	0,437763605
	8,957548543	1,175847925	7,526702182	34227,75	0,062394018	0,476705164	0,460900818
	8,899374992	1,191815377	7,377051649	32347,95	0,062486587	0,463181688	0,474331725
	8,975350151	1,171310333	7,571058243	34779,32	0,062615705	0,48055372	0,456830575
	9,008576173	1,162549639	7,656692217	35855,62	0,062670824	0,488152548	0,449176628
	8,958275454	1,1760419	7,526078838	34210,23	0,06275397	0,476455654	0,460790376
	8,892706876	1,194248648	7,356437447	32075,56	0,063021172	0,461024327	0,475954501
	8,825512144	1,213459717	7,184598406	29921,01	0,063318854	0,445182646	0,4914985
	8,791175676	1,223341793	7,098493917	28848,08	0,06334801	0,437230056	0,499421934
	8,822167613	1,21473016	7,174330976	29785,57	0,063602553	0,444082536	0,492314911
	8,83676286	1,210978997	7,208606823	30203,4	0,063964489	0,447029093	0,489006418
	9,027472872	1,159500009	7,693127561	36265,96	0,064488715	0,490403797	0,445107488
	8,84636815	1,209004237	7,228325996	30431,7	0,064642056	0,44845906	0,486898885
	9,030438796	1,158971207	7,69919679	36336,13	0,064726721	0,490811982	0,444461298
	9,005660258	1,16588984	7,632255258	35482,82	0,065108306	0,484655242	0,450236452
	8,941095537	1,183224269	7,465874705	33391,76	0,065113345	0,469759251	0,465127404
	9,065247674	1,150670087	7,784991005	37399,23	0,065446961	0,498005037	0,436548002
	8,923672317	1,188361225	7,418940246	32793,98	0,065467452	0,465330665	0,469201882
	8,977613005	1,174029514	7,555450268	34499,97	0,06574762	0,477445974	0,456806406
	8,889855067	1,198053835	7,330692004	31680,6	0,065795358	0,457151595	0,477053047
	8,998396524	1,168562382	7,608584075	35166,11	0,065824658	0,482149864	0,452025478
	9,06470485	1,151216736	7,78082282	37336,1	0,065845464	0,497418019	0,436736517
	8,977275139	1,1742325	7,553856449	34477,13	0,065855053	0,477243549	0,456901399
	8,9531924	1,180791921	7,491498583	33692,26	0,065919146	0,471615221	0,462465633
	8,838493674	1,212716584	7,199705514	30039,68	0,065998252	0,445071308	0,488930441
	8,943678985	1,183476459	7,466466717	33375,66	0,066015261	0,469309814	0,464674925
	8,836758067	1,213397472	7,194235092	29967,06	0,066171182	0,444470625	0,489358193
	8,923564987	1,189328607	7,412815551	32694,32	0,066351249	0,46428167	0,469367081
	8,929412182	1,187829305	7,427094741	32870,72	0,066449802	0,465515958	0,468034241
	9,047585265	1,156360361	7,731408104	36694,49	0,066539056	0,492666025	0,440794918
	8,999037111	1,16924259	7,604705634	35095,91	0,066645926	0,481345821	0,452008253
	8,93011435	1,187894557	7,427277868	32866,71	0,066694446	0,465394374	0,467911181
	8,902692227	1,195545666	7,356808761	31981,81	0,066786707	0,458963261	0,474250032
	9,021049969	1,163943166	7,658242112	35756,37	0,067160253	0,485826447	0,4470133
	9,050401122	1,156284386	7,734351373	36714,75	0,067186373	0,492565246	0,440248381
	8,870208395	1,205068829	7,271714934	30906,98	0,067221266	0,450968106	0,481810628
	8,792067194	1,227437785	7,075532385	28461,48	0,067288092	0,432869452	0,499842455
	8,95463622	1,181877333	7,485840174	33584,75	0,067332086	0,470310727	0,462357187
	8,957239856	1,181358343	7,491332764	33649,06	0,067512312	0,470702321	0,461785367
	8,997855009	1,170625493	7,594712114	34943,35	0,067686198	0,479867617	0,452446185
	8,924812046	1,190520994	7,406438602	32576,95	0,067814156	0,462873892	0,469311953
	9,040682947	1,159461025	7,704779511	36325,52	0,067822097	0,489587257	0,442590646
	8,941983472	1,185908429	7,449725342	33117,24	0,067900136	0,466734385	0,465365479
	9,027388357	1,163185618	7,668678862	35864,66	0,068057835	0,486248011	0,445694154
	9,01192195	1,167268317	7,6286064	35360,19	0,068058219	0,482680647	0,449261135
	8,81499027	1,221707559	7,127482195	29086,75	0,06811168	0,437201591	0,49468673
	8,818908865	1,220657892	7,136821485	29201,18	0,068182668	0,438023041	0,49379429
	8,986329541	1,174524793	7,559685581	34482,47	0,068490605	0,476277335	0,45523206
	9,015514068	1,16676842	7,634953536	35428,67	0,06850374	0,482992754	0,448503506
	9,05149319	1,157326158	7,728332871	36604,83	0,068505452	0,491288406	0,440206142
	8,819103139	1,221049846	7,134689687	29164,17	0,068604008	0,43757955	0,493816442
	8,847870275	1,213237418	7,204343313	30022,2	0,068983041	0,443774665	0,487242294
	8,840925324	1,215430889	7,185627749	29783,81	0,069191861	0,441930992	0,488877147
	8,937403414	1,188738112	7,428139075	32807,98	0,069433755	0,463900785	0,466665459
	8,887747483	1,202506871	7,301792859	31226,33	0,069465288	0,45241241	0,478122302
	8,819381327	1,22198907	7,129433598	29074,93	0,069570438	0,4365237	0,493905863
	9,005260066	1,170602239	7,601188832	34975,83	0,069610876	0,479344866	0,451044258
	8,957678811	1,183591331	7,477570322	33418,3	0,069808976	0,468141924	0,462049101
	8,974426724	1,179094588	7,520291773	33953,52	0,069843777	0,471964056	0,458192166
	9,041816468	1,16119833	7,694228319	36140,63	0,069857862	0,487489401	0,442652737
	9,001031474	1,17211483	7,587771993	34797,43	0,069997017	0,477922149	0,452080834
	9,009100523	1,170187536	7,607164538	35035,72	0,070218241	0,479526683	0,450255076
	8,933067952	1,191004817	7,410361762	32558,92	0,070494032	0,461672158	0,46783381
	8,876029151	1,206907207	7,26546142	30745,91	0,070549395	0,448453502	0,480997103
	8,917996923	1,195312504	7,371047737	32062,98	0,07064874	0,458017129	0,471334131
	8,823249863	1,222130444	7,131774281	29074,75	0,07077287	0,436022362	0,493204768
	8,986571702	1,176799253	7,545280373	34243,1	0,070814774	0,473639675	0,455545551
	8,860691637	1,21151254	7,225183356	30236,77	0,070823194	0,444598999	0,484577807
	8,97211079	1,180822757	7,507324315	33763,39	0,070943827	0,470155087	0,458901087
	8,97933353	1,178948907	7,52538306	33988,2	0,071018818	0,471733914	0,457247269
	8,82072227	1,223200757	7,12346753	28963,39	0,071106394	0,435052915	0,493840691
	8,989875537	1,176347467	7,55098675	34303,92	0,071252843	0,473893934	0,454853222
	8,947534761	1,188017485	7,441172776	32921,05	0,071463336	0,463885209	0,464651456
	8,912310883	1,19774935	7,351303916	31795,08	0,07150347	0,455715237	0,472781293
	9,079438536	1,153219019	7,780089463	37176,7	0,071704698	0,494025619	0,434269683
	9,089543585	1,150649598	7,806244583	37505,86	0,071739072	0,496316246	0,431944682
	8,977699443	1,180323093	7,515237224	33837,66	0,071961399	0,470264685	0,457773915
	8,926599402	1,194358391	7,384138691	32192,28	0,072061099	0,458364264	0,469574636
	8,881629645	1,206980562	7,269659946	30758,97	0,072171318	0,447865442	0,47996324
	8,815318974	1,225859315	7,10361089	28690,81	0,072183125	0,432558951	0,495257924
	9,003653044	1,173713828	7,579668428	34637,92	0,072323779	0,475830233	0,451845988
	8,929869671	1,193794855	7,390363792	32261,97	0,072400313	0,458725346	0,46887434
	8,843947018	1,217919908	7,173423772	29552,85	0,072446412	0,438856128	0,48869746
	8,910543442	1,199217942	7,3408275	31640,43	0,07248073	0,454175066	0,473344204
	8,827391226	1,222749884	7,131548277	29029,62	0,072540008	0,434929501	0,492530491

Table 7d: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 4

SPGSAGTR 4	9,102843043	1,148015091	7,835743379	37858,08	0,072550396	0,498443162	0,429006442
	8,894242005	1,203882452	7,29884433	31112,89	0,072605375	0,450271116	0,477123509
	9,085184541	1,152630972	7,789043815	37266,52	0,072637864	0,494269326	0,43309281
	9,046997913	1,162635404	7,689174516	36005,69	0,072721933	0,485365158	0,441912908
	8,862292368	1,212988864	7,217709272	30097,83	0,072725146	0,442763971	0,484510883
	9,029177411	1,167329099	7,642991188	35424,24	0,072727596	0,481248767	0,446023637
	9,029618789	1,167399355	7,642909302	35418,48	0,072921175	0,481126218	0,445952607
	9,000824958	1,175354745	7,566680274	34452,57	0,073234521	0,474122539	0,452642939
	8,92844603	1,195241771	7,380226198	32109,46	0,073468672	0,457158887	0,46937244
	8,875014435	1,210180406	7,2449719	30419,04	0,073511828	0,444786286	0,481701887
	9,080225327	1,154965312	7,769007294	36986,54	0,073749282	0,491837579	0,434413139
	8,8395446	1,220581265	7,154176008	29280,28	0,073847551	0,43621703	0,48993542
	8,983055762	1,18074521	7,517086914	33814,52	0,073874486	0,46928288	0,456842634
	9,061010096	1,160488516	7,715473762	36298,15	0,074314095	0,486751524	0,438934381
	8,852390798	1,217397203	7,183439704	29633,16	0,074331315	0,438619026	0,487049659
	9,114818407	1,146680085	7,855309538	38060,16	0,074382365	0,499081873	0,426535762
	8,97748039	1,182754641	7,499601932	33582,67	0,074397644	0,467390774	0,458211583
	8,817399455	1,227497972	7,095822767	28541,9	0,074409865	0,430458164	0,495131972
	8,803407776	1,231766922	7,059871653	28090,48	0,074634764	0,426970713	0,498394523
	9,038325972	1,16682898	7,65410761	35515,61	0,074730263	0,481037727	0,44423201
	8,958984161	1,188331405	7,448841906	32932,7	0,074975768	0,462455111	0,462569121
	8,82853847	1,225096027	7,118827326	28808,9	0,075225703	0,432081599	0,492692698
	8,973420907	1,184745669	7,483571995	33359,6	0,075329726	0,465374359	0,459295914
	9,003586655	1,176778451	7,559872677	34312,97	0,075495729	0,472138911	0,45236536
	9,100076592	1,151684354	7,808376631	37435,6	0,07571489	0,494137783	0,430147327
	9,085883914	1,155397281	7,771000212	36962,74	0,075777137	0,490792477	0,433430386
	9,077703269	1,157635677	7,748907577	36681,15	0,075907865	0,488754325	0,43533781
	8,948367826	1,192196727	7,415786528	32495,16	0,075984961	0,458837168	0,465177872
	8,931378129	1,196902169	7,372437749	31952,03	0,076020556	0,45487769	0,469101754
	9,001722941	1,178072663	7,549985518	34168,98	0,07634083	0,470729698	0,452929473
	9,086307516	1,155846858	7,768344099	36914,81	0,076383848	0,490187045	0,433429107
	9,057380067	1,163417504	7,692929356	35963,63	0,076434589	0,483456887	0,440108524
	8,836761793	1,223966403	7,132116024	28945,25	0,076491324	0,432511348	0,490997328
	8,900512997	1,206145981	7,290346058	30910,39	0,076725894	0,446942037	0,476332069
	8,852660667	1,219685415	7,170184343	29412,43	0,076763486	0,435862592	0,487373922
	8,800892931	1,234728319	7,040902358	27803,61	0,076918724	0,423743822	0,499337454
	9,132202234	1,144711971	7,88400145	38358,26	0,077055571	0,499992984	0,422951445
	9,099478047	1,153203797	7,797569407	37263,82	0,077207539	0,492269895	0,430522565
	9,013470204	1,175843683	7,574288092	34451,25	0,077321795	0,472302041	0,450376163
	9,120296535	1,14812147	7,850219139	37921,65	0,077480947	0,496754276	0,425764778
	8,981631717	1,184567219	7,49163085	33410,04	0,077503565	0,464748679	0,457747756
	8,905973767	1,205499283	7,298786897	30994,62	0,077655084	0,44712457	0,475220346
	8,927781884	1,199453566	7,353757357	31680,73	0,07766935	0,452137504	0,470193146
	8,954253107	1,192232787	7,420498583	32513,81	0,077736126	0,458165006	0,464098868
	9,062253702	1,163414544	7,697138006	35984,12	0,07782143	0,482973636	0,439204934
	9,080612743	1,158682276	7,744419269	36578,23	0,077875584	0,487144905	0,434979511
	8,857630611	1,219407613	7,175893542	29456,64	0,077959625	0,435622559	0,486417816
	9,07226142	1,161190415	7,720499502	36268,3	0,078248503	0,484786713	0,436964784
	9,102385745	1,153410588	7,798692368	37253,22	0,078264405	0,491715664	0,43001993
	8,940352973	1,197102442	7,378701491	31965,31	0,078874131	0,453640459	0,46748541
	8,895940403	1,209671374	7,265319485	30544,47	0,079120109	0,443112804	0,477767087
	8,962362769	1,191477134	7,432011172	32622,08	0,07932103	0,458198522	0,462480448
	9,122520942	1,149261493	7,844367537	37803,15	0,079393987	0,495050231	0,425555782
	9,094150599	1,156787479	7,768807467	36844,01	0,079671363	0,488185905	0,432142732
	8,957535987	1,19329389	7,416651226	32417,7	0,079867801	0,456451693	0,463680506
	8,828097945	1,229755046	7,091498893	28363,8	0,07999205	0,426456227	0,493551723
	8,875904621	1,216199295	7,20984896	29832,42	0,08008403	0,43737498	0,48254099
	8,930610356	1,200928027	7,347083892	31542,67	0,080116476	0,449953813	0,469929711
	9,119572958	1,150656611	7,8322946	37634,05	0,080123945	0,493524399	0,426351656
	8,999734199	1,182097587	7,522596187	33738,35	0,080145839	0,465861376	0,453992785
	9,102700385	1,155223017	7,786729364	37053,3	0,080396784	0,489316989	0,430286227
	9,055253982	1,167590688	7,663612497	35502,67	0,080428473	0,478338002	0,441233525
	8,963604987	1,192269794	7,428112023	32545,52	0,080570625	0,457036837	0,462392539
	8,843493091	1,225948397	7,126076202	28778,59	0,080661358	0,429231042	0,4901076
	8,953856717	1,195049338	7,402677894	32224,65	0,080695756	0,454643638	0,464660605
	8,906127904	1,208278994	7,282123209	30718,99	0,080715847	0,443612963	0,47567119
	8,897377463	1,210894545	7,259167285	30428,9	0,080899336	0,441382256	0,477718407
	8,957726101	1,19435533	7,410219119	32310	0,081104123	0,455062748	0,463833128
	8,960202954	1,193750713	7,416047136	32381,09	0,081186007	0,455539074	0,46327492
	8,883919865	1,215038206	7,223335387	29974,1	0,081297793	0,43781684	0,480885367
	9,066631908	1,165472115	7,687305765	35778,61	0,081410648	0,479823767	0,438765585
	8,998081788	1,183751784	7,510688062	33559,01	0,081503244	0,463907178	0,454589578
	9,141271645	1,146366046	7,880537179	38210,59	0,08153919	0,496888485	0,421572325
	9,018915807	1,178225605	7,563597642	34220,95	0,081571938	0,468632385	0,449795677
	8,930244244	1,202670826	7,336132762	31366,2	0,081944089	0,447751336	0,470304575
	9,118198696	1,152601658	7,817885077	37410,78	0,081957799	0,491082186	0,426960014
	9,028265455	1,176223753	7,584419233	34469,94	0,082130792	0,470140972	0,447728236
	8,908772275	1,208982963	7,280070231	30658,78	0,082327625	0,442354909	0,475317466
	9,042646345	1,172644235	7,619834454	34908,66	0,08240066	0,473144793	0,444454548
	8,825889011	1,232578018	7,073465116	28089,26	0,082404638	0,423150818	0,494444544
	9,142968574	1,146791035	7,879096451	38169,92	0,082538184	0,496122091	0,421339725
	8,896130693	1,212733107	7,247133968	30243,44	0,082564963	0,439164407	0,47827063
	9,094231323	1,159343798	7,751747099	36562,58	0,082625719	0,484780683	0,432593597
	8,876277192	1,218492492	7,196585824	29610,53	0,082750523	0,434370673	0,482878804
	9,005738221	1,183115073	7,52120147	33655,37	0,083129544	0,463788194	0,453082262
	9,120725577	1,15299482	7,817410817	37377,71	0,083174419	0,49025499	0,426570591
	9,059410216	1,169065924	7,657497011	35360,52	0,083375659	0,475880999	0,440743342
	9,158602781	1,143894746	7,91271349	38566,53	0,08378478	0,498283014	0,417932206
	8,86621392	1,222511346	7,164696307	29186,63	0,08408183	0,430506976	0,485411193
	8,948172964	1,199637369	7,369628353	31737,87	0,084134954	0,449347103	0,466517943
	8,884214288	1,21749023	7,209029421	29735,84	0,084168737	0,43455757	0,481273693
	9,080380696	1,1642729	7,707032688	35965,6	0,084190864	0,479772537	0,436036599
	8,87321043	1,220649776	7,181354724	29390,67	0,084224336	0,431955385	0,483820278
	9,15190819	1,146301536	7,890259683	38264,14	0,084646298	0,495740659	0,419613043
	8,826191484	1,234513989	7,062617485	27907,81	0,084713607	0,420544683	0,49474171
	8,956808398	1,197867168	7,387728156	31949,23	0,084837812	0,450524089	0,4646381
	9,057444108	1,170924743	7,643661786	35152,61	0,084957512	0,47359434	0,441448148
	9,01631256	1,181917677	7,53776793	33822,12	0,085046129	0,464005733	0,450948138
	8,883687485	1,218829077	7,2006783	29603,74	0,085557095	0,432827092	0,481615813
	9,101260819	1,160017753	7,753303255	36517,88	0,085579785	0,48297835	0,431441866

Table 7e: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 5

SPGSAGTR 5							
	8,977545389	1,19290782	7,435825169	32532,99	0,08567097	0,454340971	0,459988058
	9,111243771	1,157657516	7,777734128	36819,9	0,085838545	0,484980774	0,429180681
	9,091733557	1,162793307	7,726602916	36173,97	0,085952708	0,480348952	0,43369834
	8,827922398	1,235110905	7,060605624	27857,4	0,08599847	0,41945483	0,4945467
	8,911116604	1,211504206	7,266854844	30417,96	0,086004035	0,438634931	0,475361034
	9,120001139	1,156096685	7,795809692	37029,65	0,086678436	0,48602707	0,427294494
	9,098655947	1,161630781	7,740294678	36329,96	0,086720916	0,481055133	0,43222395
	9,079345378	1,16665231	7,69042662	35702,81	0,086724601	0,476597389	0,43667801
	8,818254903	1,238876892	7,031339078	27472,69	0,087163227	0,415875427	0,496961347
	9,015721407	1,183895531	7,524675761	33612,69	0,087231343	0,461336928	0,451431728
	8,931773711	1,20695835	7,311339544	30943,1	0,087447542	0,441726051	0,470826408
	8,979305469	1,193959588	7,430749045	32431,89	0,087512971	0,452612171	0,459874858
	9,103875346	1,160954051	7,749302347	36425,93	0,087548194	0,481300108	0,431151698
	8,891519464	1,218353068	7,209919929	29677,43	0,087628932	0,432232255	0,480138813
	8,898972756	1,216353214	7,227901616	29898,67	0,087744983	0,433816667	0,47843835
	8,812073991	1,241374317	7,012214186	27219,92	0,088023013	0,413453545	0,498523441
	9,023768363	1,182462841	7,54059803	33794,12	0,088114677	0,46216904	0,449716282
	9,003521909	1,187918307	7,488924501	33146,63	0,08814331	0,457466547	0,454390143
	8,828788363	1,236651521	7,052509795	27715,58	0,088154122	0,417156331	0,494689547
	9,067288434	1,171032033	7,651368012	35180,92	0,088230809	0,472071211	0,43969798
	9,131655585	1,154448863	7,817032419	37262,19	0,088332656	0,486797765	0,424869578
	9,06338427	1,172359811	7,639372134	35022,65	0,08860675	0,470735136	0,440658114
	8,806446687	1,243575796	6,995275496	26997,58	0,08872317	0,411344336	0,499932494
	9,030998375	1,18106605	7,555637535	33969,19	0,088774354	0,463071945	0,448153701
	8,9558973	1,201421072	7,365116286	31586,41	0,08881948	0,445699565	0,465480955
	9,052881961	1,175566444	7,609600131	34637,96	0,089156006	0,467676516	0,443167478
	8,978114174	1,195644559	7,419280845	32255,17	0,089190515	0,450393305	0,460416181
	8,880599889	1,222844021	7,174511502	29204,21	0,089365224	0,427701733	0,482933043
	8,840585089	1,234400951	7,07492463	27966,3	0,089567485	0,418238972	0,492193543
	9,009898387	1,187352511	7,497863445	33229,89	0,089574069	0,45727899	0,45146941
	8,838221941	1,235141248	7,068770927	27888,72	0,089645428	0,417603645	0,492750927
	9,160476714	1,148178915	7,884821084	38089	0,089657564	0,491909148	0,418433288
	8,895663944	1,218891319	7,210136303	29639,55	0,089732704	0,430749983	0,479517313
	9,158028436	1,148867122	7,877966793	38000,74	0,089747018	0,491240848	0,419012134
	8,96919831	1,198687773	7,393006846	31912,16	0,089957256	0,44744851	0,462594234
	8,891224478	1,220449985	7,197290501	29472,65	0,090122519	0,429274377	0,480603105
	9,138992987	1,154123289	7,825595132	37329,66	0,0902936	0,486217383	0,423489017
	8,938835612	1,207380185	7,314634052	30926,67	0,090395199	0,439938617	0,469666184
	9,076708527	1,170534485	7,662667989	35272,59	0,090716898	0,471362549	0,437920553
	8,864536723	1,22850048	7,128402037	28606,41	0,090756215	0,422385151	0,486858634
	8,856390927	1,23087015	7,108060527	28353,28	0,090820303	0,420432266	0,488747431
	9,046205333	1,178857787	7,582690662	34262,11	0,09109283	0,463892119	0,445015051
	9,028184819	1,183662784	7,536684893	33685,59	0,091109539	0,459716799	0,449173662
	8,99531109	1,192512195	7,453189773	32640,95	0,09113137	0,45211004	0,45675859
	8,953955712	1,204224649	7,34635711	31297,26	0,091692397	0,441922331	0,466385272
	8,857653079	1,231360071	7,106257452	28311	0,091916665	0,419452761	0,488630574
	8,99926821	1,192059465	7,45933997	32702,54	0,091927553	0,452099939	0,455972508
	9,115971849	1,161317825	7,757291121	36436,37	0,0919772	0,47895702	0,42906578
	9,17833763	1,145613678	7,918067324	38457,24	0,092161459	0,493126503	0,414712038
	9,005095643	1,190726458	7,472584645	32862,12	0,092238511	0,45308351	0,454677979
	8,854734889	1,2325586	7,096979802	28187,58	0,092395972	0,418224282	0,489379745
	9,195971868	1,141729922	7,960446946	38977,98	0,092852989	0,496391952	0,410755058
	9,191445284	1,142988687	7,947719863	38813,91	0,093028215	0,495144944	0,411826841
	9,095731394	1,167435025	7,699306432	35685,01	0,09314226	0,472938891	0,433918849
	8,866844731	1,229705049	7,123296225	28499,35	0,093179643	0,420108892	0,486711464
	9,021847266	1,187040654	7,509899378	33308,38	0,093307487	0,455707981	0,450984532
	9,190253805	1,143575427	7,942600196	38741,61	0,093416268	0,494420442	0,412163291
	8,997871571	1,193705848	7,447881898	32528,04	0,093596193	0,449844034	0,456559773
	8,832982308	1,239778867	7,038102634	27436,66	0,093716302	0,411677477	0,494606221
	9,018209689	1,188431004	7,498052696	33149,89	0,093861434	0,454227093	0,451911472
	9,077147045	1,172951381	7,64725273	35014,64	0,094038434	0,467614313	0,438347252
	8,934534119	1,211381727	7,286920817	30513,84	0,094061706	0,434697433	0,471240862
	8,882997772	1,22579932	7,159170538	28927,9	0,094073283	0,422798515	0,483128201
	9,057456182	1,178220872	7,596338679	34374,09	0,094166121	0,462925157	0,442908722
	8,910511713	1,218171559	7,226585002	29761,63	0,094206725	0,428989233	0,476804042
	8,947373428	1,207990703	7,318005022	30896,74	0,094271063	0,437415854	0,468313083
	8,990775021	1,19621659	7,426317022	32244,29	0,094387127	0,44729078	0,458322094
	8,89224389	1,223476976	7,180316971	29183,27	0,094455854	0,424487523	0,481056623
	9,126162319	1,160568939	7,771077289	36561,22	0,094466194	0,478422658	0,427111148
	8,977598128	1,199857553	7,392799842	31824,76	0,094469701	0,444156181	0,461374119
	8,830095576	1,241214746	7,027634989	27293,35	0,094539755	0,410057418	0,495402826
	9,00456347	1,192700176	7,459772585	32656,71	0,094670395	0,450142438	0,455187166
	9,166966122	1,150613058	7,87378056	37842,5	0,095038552	0,487169667	0,417791781
	9,057507476	1,178865049	7,59223126	34306,02	0,095055926	0,461905781	0,443038293
	8,914907811	1,217579267	7,233710897	29834,88	0,09506911	0,429003649	0,475927241
	8,954668833	1,206644442	7,332215797	31057,53	0,095168054	0,438058814	0,466773133
	8,871619486	1,229867068	7,126240158	28500,02	0,095232425	0,41883107	0,485936505
	9,01611711	1,190052313	7,486079073	32973,87	0,095294277	0,452083957	0,452621766
	9,210116944	1,140027578	7,984741533	39236,14	0,095306212	0,496811073	0,407882716
	9,115069508	1,164115527	7,737873002	36125,99	0,095413018	0,474767108	0,429819874
	8,874993698	1,229042827	7,133764676	28590,05	0,095413404	0,419399505	0,485187091
	8,994984018	1,196129808	7,430374665	32268,95	0,095822038	0,446598538	0,457579424
	9,217893376	1,138484919	8,00239145	39448,69	0,095831043	0,497996268	0,406172689
	9,039762788	1,184263596	7,542637826	33667,72	0,096015454	0,456701429	0,447283117
	9,09237252	1,170443407	7,676647218	35345,88	0,096034104	0,468812862	0,435153034
	9,098118459	1,168957218	7,691322596	35529,81	0,09604353	0,470127087	0,433829382
	8,884389586	1,227115605	7,152625355	28806,32	0,096426343	0,420392511	0,483181145
	9,187232662	1,146540661	7,919423687	38390,6	0,096443679	0,490215192	0,413341129
	9,057271579	1,179944648	7,585084776	34190,83	0,0964558	0,460229047	0,443315153
	8,819488359	1,245703034	6,993799262	26842,88	0,096543541	0,405288933	0,498167527
	8,865743189	1,232489176	7,106311326	28230,99	0,096567135	0,415929046	0,487503819
	9,206041378	1,14194726	7,967749738	38997,41	0,096570698	0,494405722	0,40902358
	9,159254476	1,153671297	7,846223706	37466,35	0,096573932	0,483611809	0,419814259
	9,194750153	1,144760465	7,938305904	38626,01	0,09657863	0,491792507	0,411628863
	9,139953706	1,158819713	7,794708884	36812,01	0,096916694	0,478763364	0,424319942
	8,902394366	1,222420433	7,194826534	29320,42	0,096939444	0,4239502	0,479110355
	9,193118129	1,145435764	7,932201018	38541,91	0,096955295	0,490979602	0,412065103
	9,168522133	1,151644071	7,868082654	37733,22	0,097012879	0,485240448	0,417746672
	8,834534701	1,241759382	7,028127536	27257,06	0,097091211	0,408124273	0,494784516
	9,037445787	1,185738492	7,531301759	33504,43	0,097212967	0,454779261	0,448007772

Table 7f: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 6

SPGSAGTR 6							
	8,95658368	1,207641092	7,327750224	30964,93	0,097285531	0,436046453	0,466668016
	9,147666584	1,157226946	7,812102214	37020,98	0,097439781	0,479935924	0,422624295
	9,042068038	1,184688951	7,541875556	33632,13	0,097465023	0,45555315	0,446981826
	8,92285108	1,217118066	7,242978255	29907,88	0,097514205	0,428001905	0,47448389
	9,054010106	1,181694298	7,571094085	33993,31	0,09770314	0,458031317	0,444265543
	8,911989575	1,22030354	7,215170564	29559,1	0,09774496	0,425229561	0,47702548
	8,936746039	1,21348024	7,276142084	30314,43	0,097819406	0,43085271	0,471327884
	9,09028552	1,172294256	7,662746852	35138,11	0,097866387	0,466208096	0,435925517
	8,840453172	1,240612942	7,039392769	27383,18	0,097885524	0,408568674	0,493545802
	8,963563174	1,206190462	7,34234937	31135,27	0,097943505	0,436893555	0,46516294
	8,905577016	1,222265278	7,198343746	29346,45	0,09799076	0,423465812	0,478543428
	8,956631668	1,208204043	7,324375647	30908,94	0,098107163	0,435105321	0,466787516
	8,928512836	1,21608019	7,25381559	30029,52	0,098280815	0,428419206	0,473299979
	8,927097635	1,216496993	7,250166904	29983,66	0,098316034	0,428052011	0,473631954
	9,128362876	1,162888002	7,757472317	36315,44	0,098482263	0,474275888	0,427241849
	9,109812743	1,167758018	7,709235309	35707,51	0,098620758	0,469837285	0,431541956
	8,986471512	1,200478791	7,396365665	31794,67	0,098706367	0,44129267	0,460000964
	9,003907783	1,19583703	7,439656212	32332,38	0,098810663	0,445193016	0,455996321
	9,142596713	1,159573101	7,79192386	36739,78	0,098947373	0,477019526	0,424033101
	9,043436049	1,185498036	7,537882293	33552,77	0,099143306	0,453923664	0,44693303
	8,879028822	1,230723569	7,127301082	28443,38	0,099461554	0,415638651	0,484899796
	8,874056527	1,232141913	7,115061211	28291,78	0,099483491	0,414466499	0,48605001
	9,158204366	1,156055992	7,829130277	37195,69	0,099596914	0,479866259	0,420536827
	9,049670723	1,184174465	7,551572502	33715,61	0,099621618	0,454807206	0,445571176
	9,044804278	1,185487659	7,539102422	33559,16	0,099657021	0,453643859	0,446699119
	9,06001212	1,181471122	7,577604358	34040,38	0,099661961	0,457145422	0,443192617
	9,218684221	1,141021223	7,985296536	39159,6	0,099723707	0,493667401	0,406608892
	9,177288742	1,151381614	7,877490171	37800,3	0,099799583	0,484032692	0,416167725
	9,241128485	1,135599313	8,043186525	39887,36	0,099858753	0,498687072	0,401454174
	9,243561077	1,135390854	8,046805771	39922,57	0,10042753	0,498588923	0,400983547
	8,927030285	1,217987628	7,241238488	29837,47	0,100489677	0,425517418	0,473992905
	8,864330247	1,235585287	7,0873609	27933,41	0,100529282	0,411011408	0,488459309
	9,171737723	1,153343839	7,859274935	37556,19	0,100632749	0,48178693	0,417580321
	9,14057142	1,161341908	7,77831228	36536,14	0,100780563	0,47442794	0,424791497
	8,997291002	1,198972908	7,414679302	31987,71	0,100800739	0,441360707	0,457838554
	8,980326204	1,203663807	7,371688637	31450,23	0,100945207	0,437280797	0,461773995
	9,012408108	1,195121631	7,4512221	32437,62	0,101128336	0,444467413	0,454404251
	9,237647029	1,137386689	8,027485921	39663,92	0,101244533	0,496278169	0,402477298
	8,974142925	1,20558034	7,354840848	31234,94	0,101300138	0,435443454	0,463256408
	9,017276978	1,193984925	7,462393698	32572,68	0,101382938	0,445295228	0,453321834
	8,892504247	1,228230877	7,152737335	28727,02	0,101432772	0,416461934	0,482105294
	8,838747611	1,243452383	7,021946586	27113,27	0,101444783	0,404050463	0,494504754
	8,917009132	1,221517321	7,212110365	29458,57	0,101631288	0,421883277	0,476485435
	9,052470089	1,185017279	7,548563932	33638,13	0,10198184	0,452717517	0,445300643
	8,860878355	1,237505711	7,073572976	27741,14	0,101994856	0,40851685	0,489488294
	8,901907676	1,225985266	7,17350895	28974,65	0,102034145	0,417933648	0,480032207
	9,073515233	1,179552339	7,601378542	34296,4	0,102091609	0,457443811	0,440464579
	8,944016002	1,214469528	7,276201174	30242,7	0,102285969	0,427352982	0,470361049
	8,843868619	1,242544508	7,031198613	27214,24	0,10232212	0,404214732	0,493463148
	8,882815613	1,231536934	7,125668725	28378,66	0,102348787	0,413165926	0,484485288
	9,1023371	1,172224754	7,673482129	35194,18	0,102366891	0,463771788	0,433861321
	8,978916125	1,205004989	7,362313688	31310,12	0,102408581	0,435259678	0,46233174
	9,088841304	1,175909057	7,63796303	34744,9	0,102641165	0,460341478	0,437017356
	8,895959349	1,228060832	7,156541209	28755,03	0,102683506	0,415809272	0,481507222
	9,026724251	1,192460722	7,479854629	32765,42	0,10291585	0,445697482	0,451386668
	9,224723856	1,141668531	7,986059186	39111,75	0,102921201	0,491354669	0,405724129
	8,937750201	1,216632701	7,258113972	30007,85	0,102971179	0,425113842	0,471914979
	8,84088436	1,243885988	7,021216613	27079,89	0,103116082	0,40260636	0,494277558
	9,176485229	1,153882891	7,859717744	37516	0,103249533	0,479849195	0,416901273
	9,05248161	1,185885945	7,543044294	33547,22	0,10323222	0,45116563	0,445511148
	9,149553602	1,160813886	7,789588249	36631,79	0,103444313	0,473412392	0,423143295
	8,966947392	1,209009797	7,328026632	30865,84	0,103579433	0,431142492	0,465278076
	9,073084271	1,180641575	7,594000636	34179,35	0,103595548	0,455601488	0,440802963
	8,905604584	1,225960012	7,176672244	28989,71	0,103633547	0,416932676	0,479433776
	9,052404861	1,18621739	7,54087197	33512,26	0,103809852	0,450583969	0,445606179
	8,935138034	1,217879785	7,248536965	29876,44	0,103810459	0,423538763	0,472650778
	8,956961466	1,211987521	7,301783157	30534,03	0,103977648	0,428378005	0,467644347
	9,000024093	1,200336298	7,408534351	31859,31	0,104043664	0,438232757	0,457723578
	8,977450237	1,206491744	7,35202614	31155,57	0,104122586	0,432935229	0,462942185
	9,239918282	1,138825572	8,019337739	39507,18	0,10429367	0,493268293	0,402438037
	9,086817779	1,177766729	7,624197697	34538,71	0,104717465	0,457468557	0,437813978
	9,043984775	1,189045779	7,515853081	33184,93	0,104763743	0,447536622	0,447699635
	9,199039043	1,149256365	7,910983072	38133,7	0,104829851	0,483219187	0,411950962
	9,090797997	1,176896295	7,633218521	34647,29	0,104980827	0,458081276	0,436937897
	8,959964112	1,211847572	7,305104142	30558,63	0,105082397	0,427790179	0,467127424
	8,924799001	1,221596749	7,218018228	29477,84	0,105217476	0,419523729	0,475258795
	8,913632959	1,224770783	7,190195654	29131,86	0,105350088	0,41679489	0,477855022
	8,859771389	1,239863904	7,059226391	27516,23	0,105351514	0,404371486	0,490277
	9,144006676	1,163535422	7,766600918	36309,15	0,105506466	0,469743285	0,424750248
	9,017519489	1,196554527	7,446570874	32310	0,105516028	0,440561269	0,453922703
	9,134584281	1,166051555	7,741761371	35994,8	0,105688112	0,467359747	0,426952141
	8,941170785	1,217421234	7,256222529	29942,53	0,105783201	0,422643824	0,471572975
	8,962742851	1,211514148	7,309408205	30601,64	0,105784532	0,42761731	0,466598159
	8,942845822	1,217026994	7,259949425	29987,08	0,105893934	0,422901797	0,471204269
	9,16543936	1,158354698	7,819839621	36970,52	0,105909028	0,474219636	0,419871337
	9,077476827	1,181016197	7,595311101	34156,98	0,106024561	0,453799504	0,440175935
	9,22987039	1,14241261	7,985362652	39048,82	0,106072877	0,488889067	0,405038056
	9,184731293	1,153677289	7,868266095	37574,15	0,106184569	0,478349484	0,415465948
	9,188454706	1,152806761	7,877437587	37687,77	0,106282747	0,479094411	0,414622842
	8,986300754	1,205425089	7,365874029	31294,84	0,106300342	0,43245254	0,461247118
	9,245095008	1,138946155	8,023033896	39516,21	0,10649562	0,491910302	0,401594078
	9,097962	1,176074941	7,644640905	34763,53	0,106661682	0,457785502	0,435552816
	9,036841318	1,19210988	7,49054267	32840,05	0,106672072	0,443677587	0,449650341
	9,203774263	1,149325057	7,91463025	38146,34	0,106826086	0,48199778	0,411176133
	8,876516324	1,236013448	7,09476498	27933,34	0,106854484	0,406491454	0,486654062
	9,153801391	1,162009527	7,785228767	36517,6	0,107065615	0,470195263	0,422739123
	8,881444174	1,234779142	7,105847902	28066,36	0,107115437	0,407325511	0,485559052
	9,240583496	1,140493386	8,008193833	39317,23	0,10721834	0,490032272	0,402749388
	9,150007786	1,163067486	7,774885375	36385,41	0,107223173	0,469137771	0,423639056
	9,108999913	1,173579618	7,670300659	35075,22	0,107253539	0,459645195	0,433101266

Table 7g: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 7

SPGSAGTR 7							
	9,030227177	1,194216819	7,471788737	32597,72	0,107257712	0,441473504	0,451268784
	9,117540041	1,17139912	7,691869058	35344,59	0,107284935	0,461578365	0,4311367
	9,104774218	1,174757318	7,659014064	34931,83	0,107397466	0,458503851	0,434098683
	8,904840228	1,228427875	7,161632365	28749,97	0,107432554	0,412353684	0,480213762
	8,911053926	1,226772648	7,1763603	28930,08	0,107556633	0,413642912	0,478800454
	8,94497383	1,217479385	7,258999655	29950,18	0,107665141	0,421339893	0,470994966
	9,100416813	1,17621956	7,645788016	34757,85	0,107958482	0,456848762	0,435192756
	9,186507134	1,154347397	7,865236896	37506,56	0,108009328	0,476644299	0,415346373
	9,19245661	1,153052863	7,879226969	37677,18	0,108328045	0,477647024	0,414024931
	9,206242049	1,14972279	7,914038701	38111,93	0,108492859	0,480635267	0,410871874
	8,942502997	1,218639791	7,250059996	29827,84	0,108515141	0,419784985	0,471699874
	8,98546679	1,207013314	7,355490852	31132,39	0,108632826	0,429557065	0,461810109
	9,102393238	1,176114159	7,648153686	34777	0,108645116	0,456508825	0,43484606
	8,900610432	1,230339177	7,147069037	28552,72	0,108748718	0,409852875	0,481398407
	9,019603485	1,197974844	7,439481831	32172,55	0,108849266	0,437178958	0,453971775
	9,111784672	1,173814738	7,671136664	35061,12	0,108855981	0,458430338	0,432713682
	9,141151707	1,166368291	7,745289696	35987,16	0,108980096	0,465059231	0,425960673
	9,074123456	1,183684945	7,575353644	33862,24	0,109028585	0,449544737	0,441426677
	9,132853436	1,168788986	7,722148435	35689,5	0,109502002	0,462540611	0,427957387
	9,133260236	1,168748339	7,722765064	35695,58	0,109610869	0,462508261	0,42788087
	9,077325665	1,183276164	7,580676886	33917,78	0,109771129	0,4494227	0,440806171
	8,969406983	1,212011526	7,311907021	30576,1	0,109792327	0,424509535	0,465698139
	9,028932482	1,196067481	7,459145261	32402,7	0,109863028	0,438155585	0,451981387
	9,240592591	1,14209818	7,996949256	39132,18	0,109901559	0,486924755	0,403173686
	9,130719285	1,169572893	7,71514793	35595,7	0,109914509	0,461570366	0,428515125
	9,253987318	1,138936433	8,030909938	39556,84	0,110078641	0,489808673	0,400112686
	9,15924418	1,162437951	7,787041689	36493	0,110109243	0,467923201	0,421967556
	9,022692818	1,19787948	7,442653097	32193,82	0,110135871	0,436400371	0,453463759
	9,192412117	1,154156584	7,871653508	37553,06	0,110182556	0,475487548	0,414329896
	9,151776583	1,164404104	7,767479653	36245,9	0,11024263	0,466046412	0,423710957
	9,229782948	1,145098632	7,966555278	38740,34	0,110506166	0,48373111	0,405762724
	9,033822405	1,195378664	7,467534159	32491,78	0,110956454	0,438016133	0,451027413
	8,911795771	1,22845996	7,167107323	28770,47	0,111033212	0,409784951	0,479181837
	9,09181083	1,180285953	7,612154843	34290,7	0,111146706	0,451169148	0,437684145
	8,962715551	1,21468455	7,29030772	30287,74	0,111375381	0,421131712	0,467492907
	9,243153637	1,142507851	7,996323379	39096,28	0,11169521	0,485436709	0,402868081
	9,169780392	1,160733674	7,807552409	36725,01	0,111780146	0,468416672	0,419803183
	9,160606313	1,163101861	7,783767887	36425,53	0,111883205	0,466181475	0,421935319
	9,037216311	1,195028316	7,472563446	32540,57	0,111962758	0,43763263	0,450404612
	8,966991369	1,21383708	7,29892019	30386,64	0,1119697	0,421429053	0,466601247
	9,060981404	1,188823086	7,531557984	33273,29	0,112057481	0,443003646	0,444938873
	9,012500076	1,201691802	7,410559565	31767,86	0,112147744	0,431718099	0,456134157
	9,033576103	1,196267466	7,461780043	32399,6	0,112478606	0,436195289	0,451326105
	9,24124852	1,143503975	7,987691622	38973,35	0,112637058	0,483905825	0,403457117
	9,171834233	1,160773498	7,80905392	36729,16	0,11278033	0,467731211	0,41948846
	9,044962633	1,19345422	7,488909992	32731,98	0,112843668	0,438398217	0,448758115
	8,942955803	1,220937452	7,236787104	29605	0,113062942	0,414618912	0,472318146
	9,022644381	1,199529149	7,432377105	32025,28	0,113168916	0,432874167	0,453956917
	8,905428017	1,231385707	7,144907214	28468,99	0,113345189	0,405637019	0,481017792
	8,963972507	1,215492796	7,286494117	30212,44	0,113604798	0,418837897	0,467557304
	9,005890537	1,204235639	7,389416863	31486,19	0,11364298	0,428460936	0,457896084
	8,912989192	1,22949788	7,162027638	28674,98	0,113753815	0,406907243	0,479338942
	9,075671655	1,185946216	7,562214992	33630,65	0,113859926	0,444302691	0,441837384
	9,039708981	1,195415998	7,472225235	32510,08	0,113947309	0,435907579	0,450145112
	8,966185728	1,215078461	7,290800236	30261,13	0,11397556	0,418918638	0,467105802
	9,207674633	1,152627928	7,895334664	37789,95	0,114223359	0,474324511	0,411452131
	9,237725914	1,14527097	7,972291938	38755,27	0,114282831	0,481186123	0,404531046
	8,905711761	1,23192061	7,142035202	28418,91	0,114626747	0,404217244	0,481156009
	9,078635675	1,185583676	7,567027497	33680,17	0,114646336	0,444074884	0,44127878
	9,085605907	1,183831008	7,584118382	33891,59	0,114755978	0,445555318	0,439688704
	9,114525311	1,176391487	7,656663632	34795,66	0,114787161	0,452188678	0,433024161
	8,956341666	1,218193852	7,264073985	29919,97	0,114890392	0,415588155	0,469521453
	9,077657684	1,186067685	7,563114989	33625,59	0,115094894	0,443329497	0,44157561
	9,077638919	1,18611954	7,562768523	33620,08	0,11518717	0,443218229	0,441594601
	8,980560356	1,211848595	7,322093697	30632,12	0,115298406	0,420700706	0,464000889
	9,141641779	1,169832935	7,72276973	35611,84	0,115475448	0,457644713	0,42687984
	9,256310643	1,141398862	8,015619736	39282,11	0,115496059	0,484066176	0,400437765
	9,123052306	1,174591467	7,675656735	35022,8	0,115526911	0,453297899	0,43117519
	8,905917796	1,232419613	7,139310595	28372,03	0,115831483	0,402868577	0,48129994
	8,986700712	1,21045784	7,335579167	30792,53	0,115835951	0,42149385	0,4626702
	9,145335855	1,169128557	7,730582242	35703,4	0,115925666	0,45797489	0,426099443
	9,048454866	1,194159434	7,487411828	32672,42	0,116021176	0,435521157	0,448457667
	9,084832042	1,184690411	7,577963458	33798,09	0,11605414	0,443872391	0,440073469
	9,042295553	1,19592601	7,471201466	32467,37	0,116324159	0,433749543	0,449926298
	8,938217391	1,223810707	7,215924771	29309,23	0,116358143	0,409707275	0,473934582
	9,220193905	1,150678778	7,919588578	38063,7	0,116373499	0,474719927	0,408906574
	9,187554353	1,158799004	7,835925749	37013,97	0,116457216	0,467095454	0,41644733
	9,128394855	1,173702628	7,686021347	35139,85	0,116459024	0,45344978	0,430091195
	8,978582741	1,212953467	7,313793634	30515,37	0,116503228	0,418848337	0,464648434
	9,033250577	1,198559647	7,447238194	32163,66	0,116845662	0,431059182	0,452095156
	9,101894692	1,180683637	7,618131574	34288,17	0,116853818	0,446880685	0,436265497
	8,992853615	1,209345796	7,347412333	30925,64	0,116970796	0,421597668	0,461431536
	9,102741625	1,18052386	7,619880067	34308,46	0,116971385	0,446939758	0,436088857
	8,993735079	1,209162935	7,349252465	30947,09	0,117084244	0,421669479	0,461246277
	9,151484166	1,168408922	7,740605709	35806,79	0,117580788	0,457474696	0,424944516
	8,924775955	1,228030008	7,18018656	28855,8	0,117595707	0,405173135	0,477231159
	8,96017454	1,21844332	7,265732427	29908,92	0,117661952	0,413260112	0,469077935
	9,220715488	1,151212761	7,916368198	38005,51	0,117665243	0,4733432	0,408991558
	9,190192229	1,158948486	7,837191162	37008,4	0,118051097	0,465856644	0,416092259
	9,235965709	1,147681348	7,954014699	38472,24	0,118067433	0,476394158	0,405538409
	9,112395841	1,178726764	7,639687773	34537,72	0,118369257	0,447546238	0,434084505
	8,943981548	1,223139057	7,224599771	29394,28	0,118373983	0,408700444	0,472925572
	9,02582974	1,20148671	7,422918847	31837,85	0,118933625	0,426927997	0,454138378
	8,921411293	1,229621994	7,168154066	28691,53	0,119184671	0,402555694	0,478259635
	9,101988445	1,181855154	7,610659411	34164,32	0,11934575	0,444014377	0,436639873
	9,102236936	1,181793926	7,611263978	34171,78	0,119351226	0,444065339	0,436583435
	9,190416191	1,159587244	7,83306719	36938,33	0,119468908	0,464265177	0,416265916
	9,155196688	1,168748596	7,741532544	35784,91	0,120229055	0,455261783	0,424509162
	9,042940003	1,197593138	7,461339181	32298,71	0,120291702	0,429300136	0,450408162
	9,237668552	1,148542308	7,949534895	38381,53	0,120667022	0,473774178	0,405558799

Table 7h: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 8

SPGSAGTR 8							
	9,115296154	1,179198151	7,639093353	34498,94	0,12098035	0,445189091	0,433830558
	9,00930779	1,206747386	7,376868181	31245,61	0,120991016	0,420733309	0,458275675
	9,064025713	1,192445431	7,511232033	32908,52	0,121096071	0,433230806	0,445673123
	9,077972541	1,188873855	7,545528151	33333,17	0,121191416	0,436336778	0,442471806
	9,138721329	1,173551852	7,695808173	35197,57	0,121650216	0,449815176	0,428534609
	9,09234364	1,185438153	7,579520046	33748,57	0,121805041	0,438939956	0,439255003
	8,997094515	1,210484283	7,344005405	30827,19	0,122213759	0,416499588	0,461286653
	8,929579756	1,228647226	7,180489382	28812,74	0,122367041	0,400751449	0,476881511
	8,951650031	1,222768366	7,23306137	29456,77	0,122579811	0,405594793	0,471825395
	9,226688961	1,152213262	7,914678528	37917,99	0,122798837	0,46877144	0,408429723
	9,057998909	1,19474886	7,491706257	32647,61	0,122840125	0,429819677	0,447340197
	8,960995171	1,220385861	7,254839683	29721,54	0,122917545	0,4073586	0,469723855
	9,160537749	1,168730478	7,74622252	35808,64	0,123157174	0,453100126	0,4237427
	9,215880172	1,155064699	7,885782313	37550,77	0,123257835	0,46574674	0,410995426
	9,021013307	1,204638122	7,399501765	31500,84	0,123400565	0,420640423	0,455959012
	8,995713379	1,211315584	7,337825172	30739,35	0,123402103	0,414803879	0,461794018
	8,93844917	1,226649126	7,199416348	29035,37	0,123460367	0,401529877	0,475009757
	9,058283418	1,1949507	7,49067892	32627,87	0,123516692	0,42910121	0,447382098
	9,055744133	1,195704687	7,483831781	32540,64	0,123752898	0,42824185	0,448005253
	8,973062246	1,217507678	7,281901387	30046	0,123853734	0,409056592	0,467089674
	9,232915792	1,151261363	7,926631335	38052,33	0,124063487	0,468741876	0,407194637
	9,111963703	1,181417509	7,621922174	34249,83	0,124161856	0,440733465	0,435104679
	8,973030953	1,217643373	7,281064186	30032,54	0,124201318	0,408646556	0,467152126
	9,071784973	1,191777839	7,521950215	33007,22	0,124318053	0,431286281	0,444395666
	9,102591701	1,183948083	7,597715163	33945,38	0,124509377	0,438169314	0,43732131
	9,136358109	1,175418554	7,681575794	34987,1	0,124600532	0,445851005	0,429548463
	9,237859095	1,150374831	7,93703709	38174,05	0,124782134	0,46904907	0,406168796
	9,147923263	1,172639681	7,709641772	35333,09	0,124917438	0,448150937	0,426931626
	9,146655869	1,173027573	7,706011928	35286,06	0,125086709	0,447662475	0,427250816
	9,25947217	1,145293605	7,991121866	38847,54	0,125112202	0,473651036	0,401236762
	9,022380515	1,205109662	7,397740971	31458,21	0,125592874	0,41841504	0,455992086
	9,011994347	1,207866799	7,372255744	31142,87	0,125682596	0,415915765	0,458401639
	9,045096095	1,199245755	7,452854979	32137,59	0,125763365	0,423456206	0,450780429
	9,065640004	1,193936924	7,503200904	32760,27	0,125795918	0,428156391	0,446047691
	9,238311125	1,15070722	7,935137253	38138,28	0,125810284	0,467961784	0,406227932
	9,108729845	1,182973572	7,609162756	34072,29	0,125993148	0,437865354	0,436141497
	9,064026185	1,194449395	7,498630604	32701,24	0,12605099	0,4274886	0,44646041
	9,167446674	1,168252104	7,75530833	35889	0,126123949	0,451255257	0,422620795
	9,205119864	1,158962533	7,849976341	37069,42	0,126182715	0,45987548	0,413941805
	9,164222014	1,169090462	7,746988713	35784,4	0,126211124	0,450410546	0,423378331
	9,019069428	1,206402141	7,387070803	31315,81	0,126786105	0,416268576	0,456945319
	9,167557121	1,168549852	7,753426783	35856,95	0,12693727	0,450338161	0,422724569
	9,235501589	1,151904893	7,924447799	37990,55	0,127045724	0,465882072	0,407072204
	9,217009711	1,156428188	7,877461318	37402,61	0,127102461	0,461551655	0,411345884
	9,15564389	1,171603316	7,723051284	35476,45	0,127152461	0,4473413	0,425506239
	9,010955272	1,208713226	7,366233516	31054,21	0,127326471	0,413771023	0,458902506
	9,229012582	1,153658325	7,906778799	37764,81	0,12748226	0,463879647	0,408638093
	9,261492008	1,145876103	7,988822337	38789,51	0,127634173	0,471194117	0,401171711
	9,241878057	1,150617902	7,938853244	38163,73	0,127675084	0,466623264	0,405701652
	8,98550436	1,215546715	7,303884627	30283,17	0,127738629	0,407423787	0,464837585
	9,123543653	1,179893015	7,641584567	34457,44	0,127756637	0,439238041	0,433005323
	9,218545162	1,156321813	7,879513869	37421,02	0,127768644	0,461133719	0,411097637
	9,156718537	1,171642084	7,72371295	35476,59	0,127949246	0,446665736	0,425385018
	9,064078639	1,195138501	7,494350851	32630,32	0,127991453	0,425251871	0,446756676
	9,042298671	1,20085146	7,440559946	31963,33	0,128241481	0,419939135	0,451819383
	9,24365368	1,150442368	7,94160797	38191,29	0,128304391	0,466303453	0,405392156
	9,205756868	1,159664828	7,845771684	36993,89	0,128319618	0,457545906	0,414134476
	9,065031814	1,195112157	7,495313608	32636,62	0,128623531	0,424739174	0,446637295
	9,01228406	1,208795819	7,366829472	31050,72	0,12863169	0,412564839	0,458803471
	9,067176824	1,194677217	7,499837862	32689,59	0,128964796	0,424838367	0,446196837
	9,241562868	1,151247762	7,93423603	38090,94	0,129064048	0,464940886	0,405995065
	8,974068824	1,218996751	7,273831877	29903,2	0,129119129	0,403186604	0,467694267
	9,093344218	1,188182867	7,562853385	33464,43	0,129537297	0,430209709	0,440252994
	9,057381325	1,19738852	7,474674909	32373,65	0,129541181	0,421911314	0,448547505
	9,220052022	1,156726739	7,878058249	37382,01	0,129753227	0,459181279	0,411065494
	9,143250649	1,175683449	7,685707629	34986,13	0,129790451	0,441425928	0,428783621
	9,204658564	1,160499313	7,839183584	36896,51	0,129800182	0,455576768	0,414623051
	9,143194559	1,175782431	7,685012914	34975,27	0,130030262	0,441135073	0,428834665
	9,075216865	1,193099005	7,516497318	32883,21	0,130417703	0,4250088	0,444573497
	8,989136496	1,215407415	7,307710148	30309,77	0,130419055	0,405155065	0,46442588
	9,212070145	1,158923398	7,856238611	37102,92	0,130429979	0,456556174	0,413013847
	8,998706646	1,212924408	7,330560084	30589,92	0,130510149	0,407256598	0,462233253
	9,200535934	1,161788883	7,826933683	36736,24	0,130560986	0,453744286	0,415694727
	9,044734658	1,201051948	7,44134613	31951,91	0,130812904	0,417520879	0,451666217
	9,204192952	1,161037567	7,835148331	36834,79	0,130955164	0,454130864	0,414913972
	9,250006094	1,149947113	7,950552329	38274,89	0,13098184	0,464665542	0,404352618
	9,215146252	1,158427572	7,86225663	37171,15	0,131122708	0,456462785	0,412414507
	9,06557443	1,195841699	7,491194729	32563,44	0,131287224	0,421777328	0,446935448
	9,162350194	1,171529754	7,729260623	35511,52	0,131511786	0,443835859	0,424652355
	9,109742809	1,18474588	7,598634918	33888,99	0,131699866	0,431485385	0,43681475
	9,208525058	1,160289783	7,843931572	36935,94	0,131821565	0,454125868	0,414052568
	9,11672722	1,183101738	7,615098123	34089,95	0,132058618	0,432680393	0,435260989
	9,042697455	1,202029824	7,433597635	31844,83	0,132337534	0,41528414	0,452378326
	9,055133211	1,199069862	7,462319	32192,89	0,133160043	0,417198904	0,449641053
	9,226993828	1,15638017	7,886422362	37450,17	0,133470914	0,456473752	0,410055334
	9,178652261	1,168213077	7,765159491	35938,98	0,133633977	0,445136069	0,421229954
	9,192154898	1,164950542	7,798497169	36352,31	0,13377886	0,448082189	0,418138951
	9,237624515	1,154038578	7,911635967	37758,59	0,134123194	0,458169504	0,407707301
	9,175328188	1,169209793	7,75569692	35816,58	0,134196567	0,443717467	0,422085967
	9,217044008	1,159042952	7,859719601	37110,44	0,134235161	0,453293394	0,412471446
	9,219075199	1,158586156	7,864571621	37169,94	0,134341574	0,453638511	0,412019915
	9,14663892	1,176458445	7,6835247	34916,35	0,134732016	0,436480505	0,428787479
	9,072589851	1,195066222	7,501926078	32669,8	0,134792721	0,419332688	0,445874591
	9,226123979	1,157161955	7,880342542	37358,86	0,135198912	0,454270546	0,410530541
	9,110088532	1,185711177	7,592740379	33788,58	0,135199378	0,427509491	0,437291132
	9,188243627	1,166409345	7,785390499	36175,84	0,135366943	0,445339709	0,419293348
	9,022871504	1,208024511	7,380297356	31166,37	0,135755031	0,406751229	0,45749374
	9,054856884	1,199983991	7,456404048	32098,36	0,136389133	0,413392945	0,450217922
	9,221294332	1,158787	7,865123563	37156,83	0,136672137	0,451449378	0,411878485
	9,084566887	1,192728691	7,526670198	32957,04	0,137512325	0,418943093	0,443544581

Table 7i: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 9

SPGSAGTR 9							
	9,201054505	1,163947253	7,812865302	36499,65	0,137575761	0,445734375	0,416689864
	9,273240656	1,146669377	7,993541509	38749,65	0,137594108	0,462360945	0,400044947
	9,119208346	1,18408433	7,610874263	33995,66	0,137646577	0,426776646	0,435576776
	9,087452614	1,192039479	7,533442792	33039,58	0,137667453	0,419428831	0,442903716
	9,026970878	1,207396101	7,387533781	31244,41	0,13766789	0,405479807	0,456852303
	9,269297018	1,147628714	7,983423131	38622,65	0,137679888	0,461352037	0,400968075
	9,142060319	1,178454636	7,666624277	34684,14	0,137805787	0,431862341	0,430331872
	9,013638496	1,210846516	7,35547155	30850,36	0,137808434	0,402242166	0,4599494
	9,031532159	1,206294638	7,398060543	31371,95	0,13798244	0,406167211	0,45585035
	9,046361148	1,202513334	7,433655409	31809,14	0,137991689	0,409576407	0,452431904
	9,065415314	1,197704623	7,479409985	32371,19	0,138117669	0,413824747	0,448057583
	9,076088396	1,195026336	7,505104054	32687,09	0,13819845	0,416192595	0,445608955
	9,019028862	1,209544029	7,367848754	31000,04	0,138215965	0,403013019	0,458771016
	9,203170159	1,163686319	7,816435251	36537,22	0,138466877	0,445189569	0,416343553
	9,075119774	1,195397605	7,501962812	32645,11	0,138765612	0,415311917	0,445922471
	9,077353785	1,194870898	7,507139394	32707,92	0,138929624	0,415637057	0,445433319
	9,047518424	1,202441792	7,43506013	31820,67	0,139055044	0,408610967	0,452333989
	9,156919476	1,175136512	7,700916435	35099,61	0,139138046	0,433745243	0,427116711
	9,205941644	1,163204004	7,822058915	36602	0,139150779	0,445036157	0,415813063
	9,258602938	1,150612443	7,953426543	38236,2	0,139187197	0,457138892	0,403673912
	9,132699128	1,181131257	7,641324941	34361,62	0,139246589	0,428033667	0,432719744
	9,23623468	1,155982416	7,897129884	37533,88	0,139349386	0,451792279	0,408858334
	9,158631183	1,174769648	7,704778382	35146,01	0,139349463	0,43389499	0,426755547
	9,246473909	1,153559274	7,922594629	37850,35	0,139415736	0,454076794	0,40650747
	9,077929917	1,194834736	7,507848783	32713,82	0,139432844	0,415186739	0,445380417
	9,067376768	1,197579277	7,481830674	32391,4	0,139853243	0,412265728	0,447881029
	9,143213247	1,178682154	7,666122556	34664,36	0,139855801	0,429752448	0,430391751
	9,136212025	1,180416286	7,648929228	34451,57	0,13989053	0,428097553	0,432011917
	9,060940574	1,199220444	7,466224599	32199,06	0,13993987	0,410680997	0,449379133
	9,203289624	1,164060951	7,8140223	36496,33	0,139965373	0,443480496	0,416554131
	9,118329749	1,184862805	7,605132267	33910	0,139983139	0,423866151	0,436150709
	9,110905942	1,186710216	7,587037195	33686,6	0,139997295	0,42213764	0,437865064
	9,217025452	1,160796229	7,847832224	36915,1	0,140128653	0,446459075	0,413412271
	9,030038	1,207115253	7,391793437	31283,8	0,140254876	0,403189068	0,456556056
	9,043671047	1,203659808	7,424339993	31682,82	0,140301773	0,406278822	0,453419405
	9,03372892	1,206188121	7,400535099	31390,68	0,140321883	0,403962626	0,45571549
	9,163086341	1,173958446	7,713897346	35251,46	0,140492446	0,433597838	0,425909716
	9,114817181	1,185877795	7,595661056	33789,33	0,140633212	0,422302693	0,437064095
	9,117206269	1,18532351	7,601228522	33857,02	0,140810405	0,422648322	0,436541273
	9,221717894	1,159850554	7,858276627	37039,97	0,140817475	0,44674298	0,412439545
	9,27331401	1,147610367	7,987051069	38642,16	0,140860457	0,458592451	0,400547092
	9,03397313	1,206267342	7,40025152	31383,57	0,141133899	0,403077892	0,455788209
	9,048071518	1,20273863	7,43368501	31792,52	0,141378658	0,406045659	0,452575683
	9,26639509	1,149637722	7,966947777	38380,68	0,142353898	0,455266018	0,402380084
	9,262752358	1,150502874	7,957790603	38266,48	0,142381965	0,454393391	0,403224644
	9,213764402	1,16218416	7,83565404	36747,4	0,142549416	0,442901549	0,414549035
	9,068027686	1,197933483	7,480161811	32357,44	0,142649886	0,409174782	0,448175332
	9,217778053	1,161360434	7,844667674	36855,52	0,143134122	0,443149569	0,413716309
	9,149405975	1,177912791	7,676387123	34771,27	0,143278013	0,427214595	0,429507392
	9,103617261	1,189229039	7,564838704	33394,35	0,143581694	0,416302696	0,44011561
	9,053247987	1,201795406	7,443826585	31907,57	0,143632237	0,404627776	0,451739987
	9,186604546	1,168961537	7,766990493	35889,58	0,143657126	0,435354106	0,420988768
	9,111757544	1,187232801	7,584414898	33634,95	0,143672942	0,418074289	0,438252769
	9,134222307	1,181736921	7,638697539	34303,17	0,143841121	0,42306029	0,433098589
	9,065733077	1,198708758	7,473409717	32269,32	0,143913967	0,407180633	0,4489054
	9,140702963	1,180172554	7,654314226	34495,24	0,143961207	0,424415713	0,43162308
	9,1558635	1,176484803	7,691193355	34950,24	0,144021049	0,42784274	0,428136211
	9,041520005	1,204801255	7,415520668	31559,26	0,144040935	0,401449381	0,454509684
	9,172312736	1,172587712	7,730783161	35436,94	0,144506431	0,431073808	0,424419762
	9,128967264	1,183183495	7,624916936	34129,05	0,14472309	0,420826228	0,434450682
	9,100831427	1,19010834	7,55690867	33291,77	0,14472382	0,414336594	0,440939587
	9,111447126	1,187505678	7,582410675	33605,09	0,144826525	0,416665798	0,438507677
	9,13914907	1,180712376	7,649498607	34431,56	0,144838672	0,423040444	0,432120884
	9,07580713	1,196399701	7,496253742	32544,33	0,145320864	0,407873477	0,446805658
	9,234263378	1,15802206	7,881518231	37296,8	0,145781216	0,443883726	0,410335058
	9,180152964	1,170955721	7,748253332	35645,9	0,14587512	0,431295759	0,422829121
	9,237441479	1,157322982	7,889025122	37388,5	0,146033151	0,4443247	0,409642148
	9,049210811	1,203195013	7,431812229	31750,32	0,146723059	0,400114717	0,453162224
	9,053981138	1,202060317	7,442796017	31883,29	0,147253066	0,400600636	0,452146298
	9,194231075	1,16785698	7,780866867	36041,56	0,147433529	0,432736446	0,419830025
	9,158726239	1,176423843	7,694025328	34968,19	0,147669353	0,424274892	0,428055755
	9,165243396	1,174891227	7,709609017	35159,35	0,147924569	0,425482129	0,426593301
	9,223291916	1,161041036	7,85157478	36913,99	0,147961199	0,438827039	0,413211762
	9,250041199	1,154766473	7,917401499	37729,25	0,14809349	0,444842743	0,407063767
	9,234683397	1,158432662	7,879087235	37252,62	0,148406231	0,440938432	0,410655338
	9,181877434	1,171003545	7,749409533	35647,67	0,148615728	0,428517339	0,422866933
	9,121422012	1,185616227	7,60290759	33842,48	0,148734022	0,414437798	0,43682818
	9,105433051	1,189537798	7,564401625	33369	0,148903197	0,410554307	0,440542496
	9,272702543	1,149633542	7,972463237	38408,33	0,148914898	0,449117045	0,401968057
	9,124882927	1,184809352	7,611006372	33941,09	0,149029259	0,414893813	0,436076928
	9,22561988	1,160680342	7,856020433	36963,84	0,149047298	0,43810523	0,412847472
	9,197098366	1,167470352	7,785899621	36095,67	0,149258457	0,43128278	0,419458763
	9,271661385	1,150007963	7,968962202	38361,15	0,149626384	0,44805238	0,402321237
	9,123218586	1,185293783	7,606491584	33883,47	0,149730463	0,413697343	0,436572194
	9,089833245	1,193486879	7,526301296	32898,31	0,150270314	0,405372255	0,444357432
	9,129918184	1,183760965	7,622000599	34071,57	0,150591486	0,414244579	0,435163935
	9,200383951	1,166908791	7,79246212	36170,76	0,150763036	0,430296839	0,418940125
	9,078337753	1,196366153	7,498579203	32557,27	0,151124766	0,401730888	0,447144346
	9,080644539	1,195811899	7,503983822	32623,1	0,15128805	0,402073656	0,446638295
	9,08255243	1,195356367	7,508439559	32677,32	0,151462415	0,402311586	0,446225999
	9,098671013	1,191437616	7,546664208	33144,87	0,151666018	0,405792955	0,442541027
	9,13525567	1,18258478	7,634094763	34217,13	0,151750728	0,414132069	0,434117202
	9,213074951	1,164046209	7,822527563	36538,38	0,15176555	0,432061858	0,416172592
	9,260160183	1,153068376	7,937836969	37964,2	0,151965479	0,442689125	0,405345396
	9,153547678	1,178239228	7,677775504	34752,69	0,152260387	0,41775999	0,429979624
	9,124849186	1,18515883	7,608733581	33904,04	0,152532281	0,410826337	0,436641381
	9,094865794	1,192434296	7,537165301	33026,68	0,152796602	0,403605134	0,443598264
	9,217017222	1,163311052	7,830859862	36636,01	0,153301628	0,43119086	0,415507512
	9,176155916	1,172987523	7,731424541	35409,06	0,153705336	0,421299415	0,424995249
	9,140411793	1,18152243	7,645322821	34350,25	0,153958348	0,412762756	0,433278896

Table 7j: Sorted MC Simulations results for SPGSINTR for the Expansion period – Part 10

SPGSAGTR 10							
	9,167529571	1,175062938	7,710427997	35149,96	0,154034436	0,418928578	0,427036986
	9,205901735	1,166017517	7,803150645	36291,39	0,154206563	0,427578626	0,418214811
	9,279295614	1,149012704	7,982508971	38507,63	0,154479901	0,444188214	0,401331885
	9,271672891	1,150829185	7,963285617	38267,66	0,154993148	0,441835426	0,403171426
	9,24837376	1,156224312	7,905976609	37558,01	0,155194778	0,436228425	0,408576798
	9,102570439	1,190672333	7,554789673	33239,53	0,155226344	0,40256615	0,442207506
	9,239573167	1,158282321	7,884331485	37289,98	0,155379775	0,433984404	0,410635821
	9,101995603	1,190821159	7,553362766	33221,81	0,155614432	0,40198382	0,442401748
	9,193208241	1,169176228	7,771212436	35892,99	0,156315642	0,42220697	0,421477389
	9,130529766	1,184003416	7,620956368	34048,28	0,156326228	0,407739563	0,435934209
	9,203110169	1,1669049	7,794824385	36182,35	0,156980545	0,423720024	0,419299431
	9,173615917	1,173838682	7,723654587	35306,65	0,157361767	0,41647615	0,426162084
	9,213536402	1,164501908	7,819862675	36489,93	0,157371137	0,425671898	0,416956965
	9,143657569	1,180924495	7,651942364	34426,68	0,157784646	0,409076967	0,433138387
	9,20317374	1,166976174	7,794402787	36174,78	0,158430741	0,422054035	0,419515224
	9,185597783	1,171079698	7,752082461	35654,43	0,158529803	0,4178858	0,423584397
	9,124013513	1,185539889	7,605236022	33854,87	0,158712698	0,403471052	0,437816249
	9,179587809	1,172493	7,737612428	35476,52	0,158737282	0,416259308	0,42500341
	9,22639413	1,161633068	7,850243748	36861,08	0,159132606	0,426595806	0,414271588
	9,1697706	1,174808059	7,714008375	35186,44	0,15933198	0,413306025	0,427361995
	9,187965855	1,17057779	7,757429307	35718,7	0,160143283	0,416562052	0,423294665
	9,265855101	1,15265477	7,945625992	38035,37	0,160206037	0,434452427	0,405341536
	9,274373537	1,1507263	7,966344506	38290,97	0,16031755	0,436287746	0,403394704
	9,267377583	1,152328235	7,949198772	38078,91	0,160514918	0,434445582	0,405039501
	9,197256244	1,168429162	7,779645648	35991,22	0,160537373	0,41824792	0,421214707
	9,179758192	1,172497608	7,737727336	35476,71	0,160713744	0,414008057	0,425278199
	9,212303566	1,164963931	7,815703066	36433,84	0,16109718	0,421069421	0,417833399
	9,181272408	1,172149863	7,741314738	35520,57	0,161257383	0,413727242	0,425015376
	9,141295437	1,181486626	7,646302413	34357,53	0,16134425	0,404406935	0,434248814
	9,246375969	1,157159269	7,897862306	37444,51	0,161430035	0,428541572	0,410028392
	9,249498839	1,156453199	7,905384713	37537,02	0,161578325	0,429089925	0,40933175
	9,131379334	1,18381006	7,622918778	34072,06	0,161584388	0,401841749	0,436573863
	9,214258863	1,164530196	7,820293109	36489,79	0,161844469	0,420654316	0,417501214
	9,227448691	1,161509269	7,851988387	36879,23	0,162149257	0,42334298	0,414507763
	9,252498904	1,155794935	7,912482769	37623,77	0,162216084	0,429042705	0,408741211
	9,230886054	1,160737405	7,860171141	36979,45	0,16287627	0,423293173	0,413830557
	9,215717672	1,164209992	7,823697048	36531,19	0,163092835	0,419544006	0,417363159
	9,249867788	1,156421666	7,905919321	37542,12	0,163182796	0,427315573	0,409501631
	9,231634005	1,160576814	7,861903232	37000,46	0,16370972	0,422499773	0,413790507
	9,151612555	1,178996259	7,671204286	34663,96	0,163827165	0,403908827	0,432264008
	9,158936387	1,177295006	7,688510479	34875,38	0,163827454	0,405597541	0,430575005
	9,275392784	1,150679007	7,967557702	38300,73	0,164119727	0,43211642	0,403763853
	9,18937168	1,170237265	7,760887947	35761,53	0,164684652	0,411623222	0,423692126
	9,164890635	1,175864087	7,702930417	35053,02	0,165017422	0,405591664	0,429390915
	9,250631715	1,156274942	7,907583207	37561,85	0,165231248	0,425117777	0,409650975
	9,214298264	1,164517759	7,820410466	36491,32	0,165271564	0,416691702	0,418036734
	9,226670259	1,161691261	7,850088204	36855,76	0,165923342	0,418789624	0,415287035
	9,270531424	1,151800837	7,95557681	38152,28	0,165969469	0,428851587	0,405178944
	9,171676329	1,174207602	7,71957609	35258,96	0,166681728	0,40522782	0,428090451
	9,255133564	1,15525187	7,918482892	37696,12	0,166837261	0,424294783	0,408867957
	9,254198178	1,155460139	7,916246067	37668,68	0,166961856	0,423934666	0,409103478
	9,277007654	1,150352974	7,971219674	38344,82	0,167238459	0,428874512	0,403887029
	9,179516383	1,172333357	7,738605177	35493,56	0,167850004	0,405681994	0,426468003
	9,279660216	1,149754033	7,977679186	38424,54	0,168147451	0,428432813	0,403419736
	9,223626286	1,162275132	7,843525716	36778,25	0,168736646	0,41482724	0,416436114
	9,2644855	1,15310891	7,941308947	37978,05	0,169090662	0,423840066	0,407069271
	9,226228892	1,161659316	7,849924131	36857,47	0,169276188	0,414802181	0,415921632
	9,234689994	1,159735506	7,870241578	37107,05	0,169713271	0,416246969	0,414039759
	9,268273392	1,15221399	7,950764421	38095,7	0,170467728	0,423117746	0,406414526
	9,288399041	1,14775567	7,999182997	38690,86	0,170752585	0,427429072	0,401818343
	9,281955381	1,149135181	7,983972759	38505,11	0,171667845	0,424882306	0,403449849
	9,229708772	1,160707721	7,859357879	36977,85	0,171713209	0,41278043	0,415506361
	9,180876116	1,171648581	7,744288577	35573,45	0,171803721	0,40141357	0,426782709
	9,208428431	1,165337131	7,809874752	36376,72	0,172935516	0,406456134	0,42060835
	9,279135948	1,149679482	7,97774049	38430,79	0,172973664	0,422718749	0,404307587
	9,211249378	1,164666867	7,816791425	36462,28	0,173299577	0,406684797	0,420015626
	9,209080193	1,165142607	7,811738017	36400,85	0,173367458	0,406105864	0,420526679
	9,227736328	1,160894227	7,856396147	36948,85	0,174273295	0,409358624	0,416368081
	9,291371094	1,14688948	8,007815795	38803,14	0,174606431	0,423648229	0,401745339
	9,284177362	1,148434909	7,990775875	38594,79	0,174883166	0,421668473	0,403448361
	9,236112046	1,158970916	7,876660686	37198,42	0,174911664	0,410550449	0,414537887
	9,224493392	1,161510204	7,849437709	36866,83	0,175122606	0,40762645	0,417250945
	9,24132622	1,157779168	7,889272047	37353,72	0,175288361	0,411316402	0,413395237
	9,210816096	1,164471175	7,817732974	36482,1	0,175600776	0,403917984	0,420481239
	9,237002288	1,158681194	7,879398522	37234,55	0,175699989	0,40984216	0,414457851
	9,196630579	1,167595512	7,784664374	36080,03	0,175730522	0,400496105	0,423773373
	9,2854046	1,148031482	7,994652885	38646,29	0,176389276	0,420206055	0,403404669
	9,262659558	1,152910943	7,941088785	37992,69	0,176981629	0,414274026	0,408744345
	9,230171945	1,160009812	7,864485674	37057,56	0,176995821	0,406765167	0,416239012
	9,208083998	1,164693952	7,813891866	36446,24	0,1780513	0,400447957	0,421500743
	9,286645079	1,147509664	7,999369392	38711,47	0,178690626	0,417825077	0,403484298
	9,2730665	1,150377173	7,967626028	38325,12	0,179154402	0,41415606	0,406689538
	9,293197988	1,146006593	8,015579186	38912,57	0,179451298	0,41845478	0,402093922
	9,251510649	1,154971291	7,917269739	37712,39	0,179600468	0,408667819	0,411731712
	9,302482767	1,143966409	8,037990712	39188,35	0,179862798	0,420119177	0,400018024
	9,248612569	1,155495497	7,911169882	37641,04	0,180241567	0,407256477	0,412501956
	9,23048492	1,159253229	7,869888384	37143,3	0,181164708	0,402005973	0,416829319
	9,257080312	1,15333048	7,933362616	37921,4	0,182221772	0,406914455	0,410863773
	9,283469066	1,147660698	7,995549284	38680,39	0,182395039	0,412799525	0,404805437
	9,244583249	1,155974231	7,904407907	37570,11	0,182426677	0,403794871	0,413778453
	9,290219923	1,146122115	8,012172877	38886,32	0,183019349	0,413632911	0,40334774
	9,26917208	1,150342355	7,964481742	38312,35	0,184396082	0,407183269	0,408420649
	9,264381806	1,15115309	7,954711229	38199,54	0,185408699	0,404904985	0,409686316
	9,299228202	1,143770278	8,036523577	39196,77	0,18557128	0,41275297	0,40167575
	9,253703828	1,153299922	7,930645148	37910,47	0,185938649	0,401828225	0,412233126
	9,258967968	1,151962877	7,944419697	38084,4	0,186929679	0,401893744	0,411176577
	9,283718607	1,146732193	8,00224086	38787,96	0,187045053	0,407468118	0,405486829
	9,301551673	1,142532461	8,047263944	39350,2	0,189248651	0,409027068	0,401724281
	9,272257522	1,148596468	7,979274167	38524,81	0,189366549	0,402134511	0,40849894
	9,271100717	1,148782377	7,976975889	38498,57	0,189589515	0,401609326	0,408801158
	9,311078487	1,138324131	8,085383449	39881,94	0,197833022	0,401275646	0,400891331

Table 8a: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 1

SPGSCITR 1	Mean Return	Sharpe Ratio	Standard Deviation	VaR	Commodity Weight	Stock Weight	Bond Weight
	3,871445446	0,550488496	12,71215432	170381,9	0,002895105	0,499177484	0,497927411
	3,887406059	0,553016912	12,68289482	169741	0,004403708	0,496746544	0,498849748
	3,869458694	0,551302385	12,6897836	170033,8	0,005067829	0,497156379	0,497775792
	3,897500642	0,554643811	12,66389306	169327,5	0,005410872	0,495156858	0,49943227
	3,885336201	0,554550297	12,64409291	169123,5	0,008121727	0,493209166	0,498669107
	3,817794341	0,547589064	12,68148704	170414	0,009616683	0,4957402	0,494643117
	3,858501714	0,553944323	12,60948203	168822,5	0,013386976	0,48961629	0,496996734
	3,75388654	0,542392676	12,68515619	171113,4	0,014084599	0,49512927	0,490786132
	3,742898362	0,541703898	12,68100094	171154,9	0,01532924	0,49455522	0,49011554
	3,708255325	0,537903934	12,70618073	171915,5	0,015565657	0,496375512	0,488058831
	3,727347886	0,540237865	12,68662862	171403	0,015985126	0,494831117	0,489183757
	3,702238965	0,537527037	12,70389723	171938,1	0,016253874	0,496054569	0,487691557
	3,837005472	0,55283849	12,59582115	168812,8	0,016350723	0,487972671	0,495676605
	3,874544674	0,557461315	12,55870812	167826,9	0,017082343	0,485027805	0,497889853
	3,840451384	0,553793796	12,58031547	168523,3	0,017602841	0,486535865	0,495861293
	3,703967658	0,53857942	12,68228356	171565,3	0,018234905	0,494001982	0,487763112
	3,695638599	0,537715995	12,68715816	171728,8	0,018409817	0,494323396	0,487266787
	3,794764404	0,549459696	12,59639921	169244,7	0,019588406	0,487288773	0,493122821
	3,702172832	0,5389912	12,66926456	171369,1	0,019664908	0,492700643	0,487634449
	3,684363181	0,537191131	12,6785646	171700,2	0,020154607	0,493274019	0,486571374
	3,771738857	0,547444419	12,60070958	169545,8	0,020982579	0,487280884	0,491736537
	3,707083534	0,540235831	12,64916618	170989,4	0,021281614	0,490818128	0,487900258
	3,770097024	0,547519342	12,5959866	169484,6	0,021588509	0,486781701	0,49162979
	3,749655081	0,545236739	12,61122713	169939,7	0,021688787	0,487894421	0,490416792
	3,573337878	0,525604192	12,74682976	173933,3	0,022236456	0,497804236	0,479959308
	3,600825009	0,528865989	12,720187	173220,2	0,022694961	0,495723933	0,481581106
	3,821798444	0,554041699	12,54101944	168063,4	0,023008258	0,482320151	0,494671591
	3,810391799	0,55278668	12,54885714	168306,4	0,023128482	0,482877785	0,493993734
	3,745463401	0,545444882	12,59872976	169776	0,023292177	0,486564442	0,490143382
	3,637242136	0,533232435	12,68432107	172266,1	0,023369663	0,492901593	0,483728744
	3,665957621	0,536487484	12,66088603	171593,5	0,023416053	0,491154184	0,485429763
	3,816942112	0,55368189	12,54039821	168101,8	0,023462842	0,482160453	0,494376706
	3,605699853	0,53005031	12,70096253	172855,2	0,024251514	0,493902758	0,481845728
	3,740055024	0,545292783	12,59232564	169724,8	0,024385814	0,48580837	0,489805816
	3,793996024	0,551656343	12,54484859	168404,4	0,024867633	0,482137402	0,492994965
	3,587846486	0,528407283	12,70666771	173127,6	0,025136171	0,494089926	0,480773904
	3,814650343	0,554159075	12,52546413	167879	0,025181912	0,480604003	0,494214084
	3,520351369	0,521060021	12,75630517	174619	0,025622238	0,497611346	0,476766416
	3,79655495	0,552336561	12,53403217	168200,9	0,025775771	0,481091777	0,493132452
	3,753958651	0,547518449	12,56653166	169161,5	0,025906202	0,48348773	0,490606068
	3,796082026	0,552487193	12,52975885	168135,4	0,026258118	0,480644978	0,493096904
	3,846612698	0,558707559	12,48070097	166823,1	0,02721392	0,476709521	0,496076558
	3,709054009	0,543125448	12,58549624	169922,5	0,027649126	0,484433132	0,487917742
	3,826304205	0,55666247	12,49007047	167180,3	0,027911345	0,477226498	0,494862157
	3,696130149	0,541867661	12,5908592	170139,9	0,028166262	0,484689956	0,487143782
	3,469509661	0,516471888	12,77118675	175372,2	0,028344699	0,497944328	0,473710973
	3,455084407	0,515204087	12,77461466	175572,9	0,029211584	0,497945833	0,472842583
	3,724444364	0,545608202	12,55643447	169290,5	0,029421839	0,481775995	0,488802166
	3,637637374	0,535902281	12,62186575	171234,8	0,029822684	0,486525773	0,483651543
	3,737314744	0,547360631	12,53974733	168887,3	0,030109101	0,480336722	0,489554176
	3,710014338	0,544369662	12,55849487	169468,7	0,030423406	0,4816452	0,487931393
	3,720352813	0,545587034	12,54942228	169216,1	0,03051446	0,480942885	0,488542654
	3,611999936	0,533345644	12,63430064	171695,8	0,030683213	0,487197993	0,482118794
	3,899870261	0,566567991	12,40154694	164988,6	0,03117716	0,469651922	0,499170918
	3,847677345	0,560630771	12,43978566	166139,5	0,031474176	0,472452603	0,49607322
	3,666137863	0,539907652	12,5810166	170277,9	0,03175569	0,482933908	0,485310403
	3,504551183	0,521830158	12,70720052	173969,3	0,032128135	0,492143251	0,475728614
	3,483109238	0,519692276	12,71821579	174364,9	0,032806741	0,492745923	0,474447336
	3,71744076	0,546503152	12,52305684	168811,5	0,033612242	0,478065983	0,488321775
	3,778962218	0,55359983	12,47365175	167383,7	0,033683817	0,474349627	0,491966556
	3,635668872	0,537350232	12,58419135	170634,8	0,034049921	0,482481111	0,483468969
	3,828504074	0,559581054	12,42885779	166151,5	0,03431001	0,47079724	0,49489275
	3,857499907	0,563007517	12,40471746	165464,4	0,034457	0,468934185	0,496608815
	3,828238834	0,559617639	12,42757129	166133	0,034474717	0,47065082	0,494874463
	3,829684233	0,559894626	12,42400477	166059,9	0,034742634	0,470301423	0,494955943
	3,661678204	0,540659294	12,55527752	169899,2	0,034944728	0,480058886	0,484996386
	3,676511901	0,542502406	12,53996497	169498,9	0,035330022	0,478800522	0,485869455
	3,473903268	0,519615314	12,70238264	174196,6	0,035341565	0,490796191	0,473862244
	3,698569168	0,545182199	12,51878446	168930	0,035731949	0,477097701	0,48717035
	3,535341365	0,526694362	12,64830443	172692,7	0,035842793	0,486661823	0,477495384
	3,474154498	0,519877428	12,69646153	174096,7	0,035971367	0,490161321	0,473867311
	3,559483598	0,529675941	12,62268559	172029,9	0,036531631	0,484553004	0,478915365
	3,884844107	0,567271275	12,35968343	164450,3	0,037084211	0,464727463	0,498188325
	3,713155977	0,547400918	12,49469087	168387,8	0,037125697	0,47486124	0,488013063
	3,878021831	0,566548448	12,36341062	164579,8	0,037266408	0,464952411	0,497781181
	3,852306736	0,563776898	12,37857746	165086,4	0,03783118	0,465920378	0,496248442
	3,461013902	0,519103525	12,69007598	174123	0,037860767	0,489080124	0,473059109
	3,621352354	0,537314597	12,55838138	170353,5	0,038182329	0,479261568	0,482556103
	3,48862615	0,522328655	12,66458457	173427,6	0,038219381	0,48709074	0,474689879
	3,520876576	0,526082419	12,63552175	172627,1	0,038566259	0,48483804	0,476595701
	3,810469039	0,55932025	12,40240865	165896,8	0,038859298	0,467387685	0,493753016
	3,797951835	0,558152639	12,40592739	166079,8	0,039582786	0,467417276	0,492999938
	3,786486146	0,556883472	12,41361213	166320,9	0,03973766	0,467944299	0,492318041
	3,346444457	0,507072754	12,76521698	176504,7	0,039862148	0,493899588	0,466238264
	3,251905339	0,496701107	12,84143426	178703,7	0,03997418	0,499391898	0,460633922
	3,728387404	0,550439284	12,45339291	167556,2	0,04044096	0,470695025	0,488864015
	3,327010439	0,505243211	12,7729766	176826,7	0,040778259	0,494149465	0,465072277
	3,541758585	0,52944273	12,59476707	171747,9	0,041294682	0,480914648	0,47779067
	3,287998975	0,501176389	12,79878381	177641,3	0,04146563	0,495784717	0,462749653
	3,50311105	0,525224277	12,62234176	172587,9	0,041696125	0,482809802	0,475494072
	3,75108145	0,553546367	12,42448895	166853,8	0,041706023	0,468104789	0,490189188
	3,446375525	0,518935913	12,66596631	173872,9	0,041941058	0,48593096	0,472127982
	3,745219679	0,552997286	12,42622545	166941	0,042042737	0,468120707	0,489836556
	3,902492483	0,571682268	12,29518938	163212,9	0,042919852	0,457936938	0,49914321
	3,34978873	0,50877358	12,72911617	175877,4	0,043694118	0,489929182	0,4663767
	3,250001168	0,497758357	12,81033328	178211,2	0,04371532	0,49582194	0,46046274
	3,754173065	0,554674891	12,40478422	166498,8	0,043726564	0,465932539	0,490340897
	3,219164465	0,494462445	12,83335834	178898,3	0,04397555	0,497393218	0,458631232
	3,363774293	0,510458203	12,71450538	175497,3	0,044072961	0,488727431	0,467199608

Table 8b: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 2

SPGSCITR 2							
	3,900164136	0,571949864	12,28536599	163074,6	0,044298904	0,456717373	0,498983723
	3,683665535	0,546746933	12,45569824	168041,3	0,04430437	0,469542173	0,486153456
	3,87034439	0,568513	12,30718322	163731,7	0,044475126	0,458311083	0,497213792
	3,523207752	0,528497892	12,58218269	171726,4	0,044492884	0,47886568	0,476641436
	3,507513522	0,526745155	12,59425499	172081,9	0,044555962	0,47973366	0,475710378
	3,571125699	0,53404461	12,54122754	170573,6	0,044794005	0,475729531	0,479476464
	3,467161376	0,52240883	12,62155282	172934,5	0,045167294	0,481523217	0,473309489
	3,328139399	0,507216567	12,72550838	176034,6	0,046187881	0,488757292	0,465054828
	3,154447179	0,488181967	12,86589198	180080,6	0,046394902	0,498846881	0,454758218
	3,768452894	0,557341055	12,37106455	165801,4	0,046405523	0,4624491	0,491145377
	3,754928665	0,555980023	12,37702373	166034,6	0,046973572	0,462691384	0,490335044
	3,522651133	0,529323718	12,56150097	171391,8	0,047006809	0,476423941	0,47656925
	3,323778049	0,507135526	12,71894197	175970,2	0,047393555	0,487828881	0,464777564
	3,226419084	0,496460844	12,796313	178216,4	0,047643193	0,493352842	0,459003966
	3,828444367	0,564876965	12,31222739	164233,7	0,047826315	0,457495236	0,494678449
	3,661375483	0,545502631	12,44324843	168059,5	0,047919059	0,467304807	0,484776134
	3,833444353	0,565500136	12,30750124	164105,9	0,047925247	0,457101537	0,494973216
	3,255634503	0,499773873	12,76994281	177490,5	0,047939623	0,491329664	0,460730713
	3,916697388	0,575476293	12,23881288	162143,6	0,04837874	0,451721358	0,499899902
	3,318537731	0,506931713	12,71371831	175936,7	0,04853469	0,487016093	0,464449217
	3,326570534	0,507883647	12,70570502	175724,5	0,048713803	0,486363732	0,464922466
	3,388001144	0,514828851	12,65362344	174253,6	0,048986797	0,482454481	0,468558722
	3,106070159	0,483865197	12,88069378	180807,9	0,049389379	0,498766026	0,451844596
	3,560251931	0,534502466	12,51014099	170171	0,049589033	0,471653676	0,47875729
	3,232901307	0,497848139	12,77367549	177779,3	0,049734006	0,49091048	0,459355514
	3,263854685	0,50132814	12,74674897	177026,8	0,04993355	0,488879682	0,461186767
	3,458944801	0,52316908	12,58750628	172456,6	0,05006848	0,477185389	0,472746131
	3,731720636	0,554560624	12,36685335	166099,4	0,050470979	0,460623872	0,488905149
	3,512942514	0,529443701	12,54031688	171140,4	0,050537799	0,473523365	0,475938836
	3,333625581	0,509481779	12,67969751	175226,2	0,051192705	0,483505385	0,465301909
	3,425069869	0,519930262	12,60076517	173013,4	0,051805169	0,477483283	0,470711548
	3,781600736	0,561076114	12,31214417	164700,7	0,052414539	0,455754614	0,491830847
	3,687260456	0,550108528	12,38611906	166860,9	0,052460925	0,461299764	0,486239312
	3,491168555	0,527646776	12,54175733	171381,9	0,052534836	0,472847841	0,474617323
	3,59980153	0,540054291	12,45476782	168864,7	0,052555338	0,46638983	0,481054832
	3,431470228	0,520922696	12,58904545	172756,7	0,052625074	0,476296863	0,471078062
	3,540218344	0,533289177	12,50103678	170221,6	0,052715052	0,469763637	0,477521311
	3,786437996	0,561787816	12,30515699	164537,4	0,052820292	0,455068521	0,492111187
	3,699536911	0,551680403	12,37308076	166523,7	0,052883667	0,460156084	0,486960249
	3,580368356	0,537946956	12,467433	169267,3	0,052910911	0,467191454	0,479897635
	3,762317323	0,55917695	12,31947526	165014,2	0,053410831	0,455916634	0,490672534
	3,716246797	0,55387585	12,35420549	166046,1	0,0536084	0,458452387	0,487939213
	3,378362682	0,515301015	12,62332454	173851,6	0,053706442	0,478379627	0,467913931
	3,788797375	0,562576088	12,2921091	164299,2	0,054256146	0,453515235	0,492228619
	3,55899279	0,536004358	12,47273825	169568,4	0,054404672	0,466987749	0,478607579
	3,350833855	0,512604794	12,63601745	174335,7	0,054922592	0,478813859	0,466263548
	3,31559013	0,508694832	12,66385856	175146	0,055016031	0,480810498	0,464173471
	3,696046739	0,552055766	12,35834572	166316,2	0,055127351	0,458154221	0,486718428
	3,380503438	0,516069848	12,60866671	173589,1	0,055350995	0,476633852	0,468015153
	3,18578568	0,494418058	12,76699919	178140,6	0,055358589	0,488165778	0,456475633
	3,301882232	0,507275813	12,672261	175421,3	0,055364251	0,481280069	0,463355681
	3,860327644	0,571445152	12,22650484	162504,8	0,055516018	0,448035968	0,496448014
	3,26523699	0,503311487	12,69926562	176232	0,05572245	0,483099133	0,461178418
	3,816391718	0,566560682	12,25436428	163402,4	0,056360323	0,449808568	0,493831109
	3,515764021	0,531746092	12,49132508	170306,4	0,056462069	0,467524265	0,476013666
	3,023657743	0,477114007	12,89022523	181788,8	0,056661326	0,496491412	0,446847262
	3,674907934	0,550249058	12,36050677	166563,2	0,057025206	0,457538692	0,485436102
	3,04348952	0,479451427	12,86874633	181237,1	0,057313197	0,494674432	0,448012372
	3,618153047	0,54379306	12,40288414	167827,8	0,05736216	0,460570411	0,482067429
	2,977506238	0,472397042	12,92123992	182760,4	0,057586209	0,49831599	0,444097801
	3,196627456	0,496288752	12,7407214	177599,9	0,057593665	0,485323047	0,457083288
	3,532416448	0,534057967	12,46843252	169763,3	0,057716342	0,465302691	0,476980967
	2,96587772	0,471210451	12,9290999	183006	0,057816331	0,498778588	0,443405081
	3,432479556	0,522724805	12,54757525	172064,5	0,057839385	0,471104046	0,471056569
	3,299294363	0,507757887	12,65513308	175165,5	0,057846719	0,478989673	0,463163608
	3,060096719	0,48145852	12,84959291	180756	0,058015652	0,492998751	0,448985597
	3,881212629	0,574814042	12,19118078	161715	0,058043704	0,444310007	0,497646289
	3,545541839	0,535700441	12,45470529	169406,3	0,058145617	0,46410227	0,477752113
	3,209054148	0,497849131	12,72574967	177229,4	0,058220127	0,48396992	0,457809953
	3,183964755	0,495162114	12,74413743	177782,8	0,05849677	0,485184443	0,456318786
	3,761832102	0,560916812	12,28039743	164376,2	0,058577088	0,450859692	0,49056322
	3,535738853	0,534734392	12,45887345	169572,8	0,058629335	0,464207042	0,477163624
	3,427647006	0,522527873	12,54305581	172038,4	0,058947569	0,47029953	0,470752901
	3,760124402	0,560849437	12,27882783	164367,5	0,058967726	0,450576347	0,490455927
	3,618960726	0,544577881	12,38649279	167550,1	0,059456428	0,458460934	0,482082637
	3,848019081	0,571381619	12,20632257	162295,9	0,059484477	0,444858823	0,4956567
	3,331846866	0,512065698	12,6122413	174134,4	0,060022908	0,474918285	0,465058807
	3,806941654	0,566822288	12,23203652	163129,7	0,06034435	0,446446696	0,493208954
	2,995204427	0,475085717	12,88536674	181993,4	0,060346051	0,49455035	0,445103599
	3,222022132	0,499920158	12,69897062	176659,3	0,060353083	0,481101713	0,458545204
	3,356086211	0,514914557	12,58953626	173518,6	0,060437888	0,473073299	0,466488813
	3,223079454	0,50007966	12,69703457	176616,8	0,060495995	0,48089837	0,458605635
	3,599464454	0,54274096	12,39249332	167843,7	0,060733365	0,458359301	0,480907334
	3,059628634	0,482275422	12,82685708	180386,7	0,06104781	0,490041614	0,448910576
	3,356356618	0,515178594	12,58360881	173418,4	0,061204704	0,472302415	0,466492881
	3,653467172	0,549172651	12,34569206	166533,9	0,061285153	0,454615797	0,484099049
	3,785400685	0,564694719	12,23997627	163475,7	0,061565106	0,446521541	0,491913353
	3,650940202	0,549315861	12,33787327	166430,6	0,062636127	0,453435643	0,483928229
	3,824866498	0,569724733	12,20118308	162442,9	0,062676455	0,443088691	0,494234854
	3,431444924	0,524142169	12,51167066	171484,2	0,062767171	0,466314414	0,470918414
	3,04626692	0,481344249	12,82391181	180471,9	0,062917256	0,488993163	0,448089581
	3,779084214	0,564426172	12,23460893	163450,6	0,062997349	0,445485959	0,491516692
	3,369423458	0,517216688	12,55928682	172887,7	0,063078638	0,469683333	0,46723803
	3,516537435	0,533952481	12,44115712	169473,4	0,063102652	0,460941396	0,475955952
	3,093480239	0,486551978	12,78368971	179338,2	0,063102997	0,486012353	0,450884649
	3,1303306	0,490718316	12,75024726	178419,6	0,063539085	0,483399232	0,453061683
	3,617460818	0,545742744	12,35730601	167085	0,063613792	0,454457285	0,481928923
	3,706323463	0,556096124	12,28703535	165040,5	0,063641444	0,449163869	0,487194687
	3,27472495	0,506753596	12,63172926	175026,2	0,06364677	0,474736101	0,461617129
	3,074710535	0,484657266	12,79493829	179710,9	0,063670634	0,486565902	0,449763464

Table 8c: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 3

SPGSCITR 3	3,55473423	0,538639341	12,40381642	168477,3	0,064065777	0,457729663	0,47820456
	3,241500089	0,503184422	12,6552991	175746,1	0,064116182	0,476242987	0,459640832
	3,238751509	0,502899951	12,65699225	175801,5	0,06419079	0,476332428	0,459476781
	3,489051966	0,531169491	12,45459566	169969,3	0,064282938	0,461408364	0,474308698
	2,956510775	0,472024184	12,88696694	182406,6	0,064425057	0,49282802	0,442746923
	3,592310458	0,543113469	12,3708214	167558,8	0,064510561	0,455064965	0,480424474
	3,048634397	0,482313441	12,80305117	180105,1	0,065500857	0,486309547	0,448189596
	2,900608457	0,466296541	12,92537515	183597,4	0,065516996	0,495066002	0,439417003
	3,287541082	0,50873383	12,60775278	174503,7	0,065529814	0,472122908	0,462347279
	3,773090976	0,564590453	12,22043379	163277,3	0,06567081	0,443209359	0,491119831
	3,540558395	0,537588024	12,40170422	168584,3	0,065952475	0,456712476	0,477335049
	3,502660499	0,533256762	12,43136561	169451,2	0,066025009	0,458886986	0,475088005
	3,483520953	0,531170952	12,44414854	169852,8	0,066378555	0,459673205	0,473948241
	3,694308929	0,555594333	12,27650787	164987,5	0,066481016	0,447080583	0,486438401
	3,431808314	0,52533346	12,48398987	171025,3	0,066594206	0,46252552	0,470880274
	3,541289421	0,537871695	12,39652274	168491,8	0,066609015	0,456022852	0,477368133
	3,456919812	0,528242118	12,46278716	170425,4	0,066751344	0,46088267	0,472365986
	3,535061503	0,537357947	12,39678469	168558,3	0,067282359	0,455729088	0,476988554
	3,640238925	0,549541939	12,31332447	166133,8	0,067310365	0,449468473	0,483221161
	2,931665658	0,470142131	12,8857095	182634,4	0,067442964	0,491329548	0,441227488
	3,823934979	0,571215957	12,16769973	161901,5	0,067577941	0,438318839	0,49410322
	3,042103214	0,482182614	12,79297989	180004,8	0,067657506	0,484573579	0,447768915
	3,175824104	0,496891985	12,68338705	176864,9	0,067665401	0,476641215	0,455693385
	3,775956227	0,565595154	12,2037918	162974,9	0,067762548	0,440980436	0,491257015
	3,819431346	0,570756688	12,16960006	161977,8	0,067813163	0,43835418	0,493832657
	3,879136584	0,577986436	12,1206752	160576	0,068203584	0,434431584	0,497364832
	3,864862816	0,576296747	12,13144464	160895,9	0,068244177	0,435237518	0,496518305
	3,416751069	0,524310902	12,47961908	171104	0,068959833	0,461089106	0,46995106
	2,797335085	0,456178843	12,9856622	185621,8	0,069105858	0,497653308	0,433240834
	2,975804122	0,475382953	12,83650024	181383,6	0,069236632	0,486948106	0,443815261
	3,335382125	0,515454431	12,53618363	172848	0,070246729	0,46464438	0,465108892
	3,660481638	0,552823877	12,27684114	165331,3	0,070337176	0,445289232	0,484373591
	3,377086362	0,520219662	12,50151833	171860,8	0,070412379	0,462009827	0,467577793
	3,756034362	0,564179365	12,19910557	163097,1	0,070776246	0,439194345	0,490029409
	3,921195047	0,583965705	12,06859283	159298,7	0,071168565	0,42902036	0,499811075
	3,107126379	0,490309321	12,71355731	178048,1	0,071407586	0,47702856	0,451563854
	2,989949862	0,477479568	12,80976097	180802,3	0,071409818	0,4839705	0,444619682
	3,617124326	0,548122376	12,30304381	166195,8	0,071529864	0,446684592	0,481785544
	2,860995316	0,463676632	12,91297465	183789,6	0,071923084	0,491107367	0,436969549
	3,703120089	0,558297427	12,23285123	164181,3	0,071931419	0,441193001	0,48687558
	3,173825426	0,497856599	12,65479801	176414,6	0,072046839	0,472446544	0,455506618
	3,7906506	0,568665087	12,16374986	162169,4	0,072058128	0,435881018	0,492060854
	3,082859467	0,48791808	12,72612963	178497,6	0,07248178	0,477409227	0,450108993
	2,786279686	0,455850454	12,97076465	185487,3	0,072570357	0,494897999	0,432531644
	3,286474493	0,510597955	12,55963464	173722,9	0,072619344	0,465207135	0,462173521
	3,32126702	0,514554408	12,53067934	172898,7	0,07275465	0,463012057	0,464233293
	3,250338449	0,506582846	12,58784771	174548,3	0,072769068	0,467201247	0,460029685
	2,932077784	0,471586211	12,84712512	181995,6	0,072937781	0,485895989	0,44116623
	3,469588665	0,531511798	12,40995584	169429,7	0,07304652	0,453934872	0,473018608
	3,440917147	0,528240044	12,43254179	170087,9	0,073088419	0,455592764	0,471318817
	2,977209611	0,476557154	12,80782134	180897,8	0,073239785	0,482924084	0,443836132
	3,357327877	0,518827597	12,49697816	171983,7	0,073465923	0,46017483	0,466359247
	3,016031714	0,48099416	12,77038578	179893,8	0,074056794	0,479819132	0,446124075
	3,268380717	0,509033857	12,56268105	173953,9	0,07436891	0,464557127	0,461073963
	3,60507176	0,547583696	12,29313634	166153,4	0,074510573	0,444464624	0,481024803
	3,167217318	0,497849274	12,64171088	176265,5	0,074821131	0,470107123	0,455071747
	3,835160115	0,574859803	12,11009946	160841,8	0,075056067	0,430292096	0,494651838
	3,117894098	0,49244999	12,68015738	177391,1	0,075085332	0,472770043	0,452144625
	3,429005728	0,527431117	12,42902587	170149,2	0,075089742	0,454328545	0,470581713
	3,778722593	0,568169245	12,15337142	162117,9	0,075129463	0,433564455	0,491306082
	3,360371883	0,519702272	12,48180258	171703,7	0,075420902	0,458069941	0,466509157
	3,093098429	0,489818997	12,69764492	177926,7	0,075506472	0,473824916	0,450668612
	3,818604841	0,573025616	12,11997146	161169,7	0,075524978	0,430811598	0,493663424
	3,223580418	0,504319562	12,59128174	174872,4	0,075539197	0,466060052	0,45840075
	3,165044582	0,497807844	12,63839838	176232,7	0,075598283	0,46947085	0,454930867
	3,1330524	0,494269195	12,66415494	176976,3	0,075642106	0,471323637	0,453034257
	2,958541367	0,475141084	12,80670277	181066,1	0,075718608	0,481590234	0,442691158
	3,079333728	0,488370523	12,70712034	178220,2	0,075778357	0,474372997	0,449848646
	3,685822264	0,557440676	12,22062155	164153,1	0,075950608	0,438261591	0,485787801
	3,810131345	0,57219022	12,12285771	161302	0,076115046	0,430732889	0,493152065
	3,540170858	0,540502314	12,3341195	167476,5	0,076120667	0,446725806	0,477153527
	3,560010627	0,542812907	12,31816675	167015,7	0,076163635	0,44550776	0,478328605
	2,702520174	0,447826047	13,01614653	187071,4	0,076226713	0,49626243	0,427510857
	2,743704301	0,452210609	12,98101693	186081,7	0,076327794	0,493722264	0,429949943
	3,573790397	0,544491893	12,30549024	166669,4	0,07644946	0,444409772	0,479140768
	3,284746169	0,511463561	12,53499943	173334,9	0,076605292	0,461385765	0,462008943
	3,74583865	0,564711551	12,16955437	162713	0,076631872	0,434034248	0,48933388
	3,221422111	0,504366268	12,58583649	174804,4	0,076653804	0,465090732	0,458255464
	2,903095519	0,469368266	12,84608531	182268,3	0,076695152	0,483914761	0,439390087
	3,136545699	0,49493283	12,65423222	176778,1	0,07673404	0,470041709	0,453224251
	3,710327321	0,560573561	12,19603825	163503,7	0,076823069	0,435950511	0,487226419
	2,974378818	0,477175602	12,78528924	180555,5	0,076999086	0,479391161	0,443609753
	3,57934914	0,545311727	12,29718357	166477,2	0,077076069	0,443463511	0,47946042
	3,847961228	0,576992843	12,08751649	160342,3	0,077106025	0,42751548	0,495378494
	3,501030616	0,536290062	12,35801361	168260,9	0,077249832	0,447933784	0,474816383
	3,400629298	0,524796803	12,43734438	170569,8	0,07734167	0,453793381	0,468864949
	2,62614268	0,440054767	13,07244549	188761,2	0,077409646	0,49962424	0,422966114
	3,503213418	0,536620717	12,35446653	168180,8	0,077540554	0,447518239	0,474941208
	3,265279116	0,509569308	12,54339359	173667,7	0,077753641	0,461408983	0,460837376
	2,864133303	0,465417112	12,87142741	183074,8	0,077758077	0,485177396	0,437064527
	2,898961258	0,469188637	12,84219193	182245,6	0,077820474	0,483051991	0,439127535
	2,779296966	0,456373604	12,94059557	185060,9	0,07796303	0,490003225	0,432033743
	3,637521335	0,552373993	12,24527348	165041,6	0,078073403	0,439034317	0,48289228
	3,604945385	0,548645791	12,26910836	165759,4	0,078357193	0,440685474	0,480957333
	2,610349475	0,438610723	13,07947673	189034,8	0,078363814	0,499620891	0,422015295
	2,936223421	0,473373334	12,80738111	181300,4	0,07844864	0,480225383	0,441325977
	2,792946922	0,457963068	12,92548811	184675,9	0,078540841	0,488625499	0,43283366
	3,085572764	0,489784792	12,68316645	177763,8	0,078711067	0,471116278	0,450172654
	3,588636898	0,546859036	12,27937316	166091,3	0,078775445	0,441240221	0,479984334
	3,185645409	0,500973443	12,59965925	175389,5	0,079044574	0,464857448	0,456097978

Table 8d: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 4

SPGSCITR 4							
	3,254927957	0,508805699	12,54187451	173746,2	0,079327494	0,460473104	0,460199402
	3,503420544	0,537138155	12,34295079	167989,3	0,079379361	0,44569583	0,474924809
	2,632734853	0,441180778	13,05402322	188392,2	0,079384476	0,497289537	0,423325986
	2,805510849	0,459545698	12,90831391	184267,8	0,079589079	0,486849041	0,43356188
	3,500774867	0,537017819	12,34079002	167980,2	0,080078748	0,445164137	0,474757115
	3,750189075	0,566271574	12,14371101	162244,4	0,080336163	0,430129903	0,489533934
	2,938261978	0,474038479	12,79371089	181055,2	0,080339763	0,47824294	0,441417298
	2,812528616	0,460472186	12,89758225	184021,1	0,080360824	0,485673442	0,433965735
	2,634478182	0,441585291	13,04601301	188243	0,080403846	0,49618275	0,423413404
	3,08295498	0,489973985	12,67292641	177621,5	0,08068766	0,469325643	0,449986697
	2,949410665	0,47533336	12,78231331	180756,2	0,080693894	0,477233635	0,442072471
	3,53469888	0,54111348	12,31007616	167135,7	0,080724821	0,442517727	0,476757452
	2,803809493	0,459699681	12,90028906	184152,8	0,08108067	0,485481534	0,433437795
	3,880883044	0,58217039	12,03656599	159175,1	0,081408848	0,421328734	0,497262418
	3,53353795	0,541179622	12,30642646	167087,3	0,081489202	0,441834064	0,476676733
	3,216766351	0,505075539	12,55894443	174408,6	0,081560999	0,460535967	0,457903034
	3,251574438	0,509040168	12,52950967	173576,3	0,081784303	0,458253341	0,459962356
	3,039163554	0,485532314	12,69866629	178482,8	0,082317562	0,470316332	0,447366106
	2,904541978	0,470863771	12,80835695	181633,3	0,08245694	0,478157098	0,439385963
	3,347260002	0,52003707	12,44855348	171287,9	0,082474566	0,451903306	0,465622129
	3,293144428	0,51391428	12,49156513	172536,5	0,0825341	0,455051707	0,462414193
	3,077614748	0,489823598	12,66591493	177559,6	0,082541279	0,467817401	0,44964132
	3,877033794	0,582046881	12,03250683	159146,8	0,082628609	0,420356108	0,497015283
	3,86907324	0,581148888	12,03740153	159306,9	0,082841248	0,420618545	0,496540208
	3,718030182	0,563165691	12,15358031	162728,3	0,082920154	0,429492012	0,487587834
	3,292860509	0,513999613	12,48893894	172496,2	0,083012801	0,454597296	0,462389903
	3,215642419	0,505338341	12,55018901	174275,8	0,083165162	0,459023424	0,457811414
	3,542388633	0,542663458	12,28908601	166713,6	0,083250848	0,439575377	0,477173775
	3,288391426	0,513688127	12,48781189	172522,3	0,083809314	0,454078051	0,462112635
	3,641989638	0,554448663	12,20751238	164375,8	0,083845338	0,433087583	0,483067078
	3,834284835	0,577258287	12,05826623	159998	0,083875695	0,421661865	0,49446244
	2,769662874	0,456684209	12,91069853	184665,5	0,083984735	0,484646357	0,431368908
	3,32425234	0,517805597	12,45776726	171669,5	0,084030449	0,451735168	0,464234383
	3,088068362	0,491334123	12,64825165	177164,5	0,084062018	0,465700872	0,45023711
	2,515247584	0,429915518	13,12280347	190698,4	0,084161053	0,499549996	0,416288951
	3,538758585	0,542500543	12,28608514	166700,5	0,084264219	0,438792933	0,476942848
	3,596500648	0,549251174	12,24021038	165368,5	0,084352564	0,435284044	0,480363392
	3,40824175	0,527469445	12,38875745	169694,5	0,084372323	0,446421229	0,469206449
	3,351240358	0,520978934	12,43368821	171003,6	0,084458514	0,449714409	0,465827077
	3,869436397	0,581639033	12,02788203	159146,7	0,084481469	0,418982378	0,496536153
	2,734069789	0,453001613	12,93708211	185455,4	0,084516729	0,486231983	0,429251288
	2,830993058	0,463384601	12,85636664	183158,5	0,084553539	0,480451862	0,4349946
	3,539068093	0,542616944	12,28401995	166663,5	0,08458176	0,438462001	0,476956239
	3,627423979	0,552951656	12,21422013	164631,8	0,084665265	0,433143635	0,4821911
	2,796014688	0,459666946	12,88425023	183966,9	0,084736862	0,482344292	0,432918846
	3,548714278	0,543835436	12,27423428	166406	0,084966171	0,437511931	0,477521899
	2,915440038	0,472618365	12,78386487	181121,5	0,08501817	0,474989962	0,439991868
	3,39905778	0,526578794	12,39227087	169844,1	0,085028597	0,44631945	0,468651953
	3,363533024	0,522557185	12,41965947	170649,9	0,085186788	0,448269001	0,466544211
	3,278435798	0,512905388	12,48745913	172616,1	0,085236931	0,453262688	0,461500381
	3,291699211	0,514451354	12,47571503	172290,3	0,085427751	0,452288825	0,462283425
	2,885748189	0,469487447	12,80587479	181780,4	0,085429698	0,476344455	0,438225847
	3,374878622	0,523922328	12,40895367	170360,3	0,085475621	0,447312307	0,467212073
	2,523593366	0,431074838	13,10687181	190352,9	0,085610166	0,497628891	0,416760944
	2,74516692	0,4544163	12,92122705	185083,6	0,085612942	0,484495223	0,429891835
	3,213408262	0,505699012	12,53682009	174078,3	0,08574561	0,456615615	0,457638775
	2,906240168	0,471778983	12,78710933	181266,8	0,085746476	0,474818218	0,439435307
	3,283468703	0,513606146	12,48022054	172446,7	0,085790993	0,452419004	0,461790003
	2,555711546	0,434462395	13,07860217	189566,7	0,085809001	0,495529762	0,418661237
	3,856896241	0,580513854	12,02959321	159300,2	0,085911499	0,418317804	0,495770697
	2,52884786	0,431715068	13,09960563	190180,9	0,086077483	0,496857467	0,41706505
	3,68737616	0,560533775	12,15595873	163074	0,086728172	0,427559998	0,48571183
	3,528697628	0,542002662	12,27880852	166681,5	0,086951804	0,43674349	0,476304706
	3,279396895	0,513426577	12,4766548	172428,7	0,086986289	0,451483652	0,46153006
	3,500681179	0,538822896	12,29927402	167298,2	0,087240022	0,438120083	0,474639895
	3,559722353	0,545730268	12,25178815	165926,8	0,087428851	0,434435289	0,47813586
	3,312923867	0,517339576	12,44709169	171607,2	0,087467464	0,449023097	0,463509439
	2,90497701	0,47201883	12,77793575	181128,6	0,087488606	0,47317811	0,439333284
	3,4496056	0,532989164	12,33806484	168447,1	0,087519961	0,44087136	0,471608679
	3,632630423	0,554294012	12,19403339	164247,7	0,087557997	0,429987464	0,482454538
	3,466415777	0,534981649	12,32353495	168040	0,087742735	0,439655851	0,472601413
	3,009963681	0,483557591	12,69013881	178634,6	0,087789131	0,466660531	0,445550338
	3,009906302	0,483553102	12,69013796	178635,1	0,087797447	0,466655745	0,445546808
	3,732052223	0,566106935	12,11520487	161956,9	0,087849794	0,423808264	0,488341942
	3,311130297	0,517226348	12,44634887	171612,9	0,087855374	0,448747527	0,463397099
	3,885448404	0,584462116	11,9971808	158481,6	0,087868715	0,414699043	0,497432241
	2,831040176	0,4641185	12,83613873	182825,3	0,087965078	0,477090727	0,434944195
	3,811586512	0,575642161	12,05268874	160133,2	0,08807104	0,418877091	0,493051869
	3,769742363	0,570654215	12,08471164	161078,4	0,0881064	0,421322058	0,490571541
	2,699566782	0,450091919	12,94405833	185915,1	0,088170508	0,484679902	0,42714959
	3,259926485	0,511567717	12,48393036	172743,1	0,088468541	0,451178372	0,460353087
	3,679094313	0,560042388	12,15183659	163089	0,088671184	0,426138084	0,485190732
	2,950202292	0,477201032	12,73394473	179952,7	0,088679639	0,4693255	0,441994861
	3,302286305	0,516428513	12,44845203	171736	0,088747459	0,448393467	0,462859074
	3,236422663	0,50898295	12,50114947	173261,4	0,088764769	0,452279651	0,45895558
	3,476185756	0,536394534	12,30928842	167707,9	0,088932443	0,437905705	0,473161852
	2,696416226	0,449955347	12,94098524	185896,1	0,089151196	0,483901215	0,426947589
	2,774680477	0,45833972	12,87501277	184028,3	0,08931308	0,479103744	0,431583176
	3,336415325	0,520466614	12,41744315	170884,6	0,089429737	0,445699267	0,464870996
	2,828536056	0,464164043	12,82948435	182740,9	0,089481899	0,475745958	0,434772143
	2,425688623	0,421711518	13,16572504	192300	0,089611026	0,499492466	0,410896507
	3,845774633	0,580143199	12,0181085	159222,5	0,089655632	0,415291145	0,495053223
	3,413833061	0,529390384	12,35436556	169072,9	0,089711789	0,440833669	0,469454542
	2,696303607	0,45006357	12,93762319	185841,9	0,089751388	0,483317056	0,426931556
	3,54638406	0,544793916	12,24836244	166003,8	0,089989726	0,432704802	0,477305471
	2,707325248	0,451290306	12,92687755	185555	0,090025508	0,482394044	0,427580448
	3,166278162	0,50140682	12,55014327	174768,7	0,090116641	0,455105776	0,454777583
	2,538372421	0,433519986	13,06703698	189549,9	0,090230598	0,492204667	0,417564735
	2,764450128	0,457485142	12,87670105	184158,4	0,090505503	0,478536188	0,430958309
	3,390077995	0,526855669	12,36871434	169546,5	0,09054398	0,441422232	0,468033788

Table 8e: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 5

SPGSCITR 5	3,432086667	0,531700267	12,33502473	168572,2	0,090619906	0,438857964	0,470522131
	3,661266028	0,558479879	12,15391199	163301,4	0,090896824	0,425003692	0,484099484
	3,493420009	0,538868423	12,28476006	167132,1	0,090971462	0,434877141	0,474151397
	3,731451243	0,566808099	12,0991576	161698,9	0,09097415	0,420768243	0,488257608
	2,771034296	0,458300875	12,86814817	183951,9	0,091054781	0,477605282	0,431339936
	3,81815664	0,577198369	12,03157577	159720,2	0,091144811	0,415461891	0,493393299
	2,942710189	0,476904905	12,72614182	179899,3	0,091160834	0,467326993	0,441512173
	3,905897142	0,587804609	11,96374833	157727,2	0,091308811	0,410100753	0,498590436
	2,825667531	0,46423011	12,82147942	182637,9	0,091321806	0,474104736	0,434573458
	3,751024086	0,56922073	12,08226088	161225,3	0,091322895	0,419265006	0,489412099
	3,021238109	0,485559742	12,66103191	178043,1	0,091336327	0,4625005	0,446163173
	3,657389649	0,558133387	12,15451195	163350	0,091360675	0,424776797	0,483862528
	2,588055857	0,438954039	13,01845892	188254	0,091432764	0,488076897	0,420490339
	3,885002627	0,585328432	11,97866278	158181,4	0,091504941	0,411145936	0,497349123
	2,451137537	0,424712589	13,13261476	191500,9	0,091613637	0,496012925	0,412373439
	3,173644691	0,502577262	12,53557302	174455,4	0,091700254	0,4531103	0,455189446
	2,879467148	0,470138746	12,77477441	181331,7	0,091751669	0,470493292	0,437755038
	3,762984493	0,570755837	12,07071977	160915,8	0,091778078	0,41810812	0,490113802
	3,599875172	0,551474436	12,19698321	164623,8	0,091804118	0,427748703	0,48044718
	3,071420621	0,491233226	12,61695985	176816,3	0,091935981	0,458936271	0,449127748
	3,554582921	0,546227093	12,23123548	165640,1	0,092024262	0,430216109	0,477759629
	3,498935634	0,539762006	12,27464111	166910,5	0,092072322	0,433466579	0,474461099
	3,516800868	0,541862934	12,2600195	166491,4	0,092185017	0,432296908	0,475518075
	3,680879481	0,561129164	12,13148272	162736,3	0,092295833	0,422464162	0,485240005
	2,771634212	0,458616183	12,86060916	183821,9	0,092318035	0,476326174	0,431355791
	3,704933695	0,563991534	12,11256296	162184,6	0,092355413	0,420980005	0,486664581
	3,119758034	0,496813903	12,57252922	175602,1	0,092918199	0,455104788	0,451977013
	2,837023803	0,465781053	12,80316799	182223,1	0,092943067	0,471835758	0,435221175
	2,454918796	0,425348148	13,12188167	191286,6	0,092943675	0,494479541	0,412576785
	3,353451023	0,523251907	12,38390193	170162,5	0,09317195	0,441005835	0,465822215
	2,506922872	0,430793284	13,07674086	190024	0,093179552	0,491165466	0,415654982
	2,678088723	0,448822974	12,93280053	185944,8	0,093307149	0,480896194	0,425796656
	2,666490903	0,447599364	12,94224399	186216,1	0,093345867	0,481545392	0,42510874
	2,404174122	0,42020353	13,16177281	192450,2	0,093476757	0,496962012	0,409561232
	2,851887987	0,46754678	12,7866077	181802,1	0,093738835	0,470171514	0,43608965
	3,348346593	0,522813652	12,38451948	170223,8	0,093835508	0,440655123	0,465509368
	3,574324602	0,548961226	12,20627899	165032,2	0,093886845	0,427212635	0,47890052
	2,916108053	0,474588593	12,73220094	180265	0,09405157	0,466057834	0,439890596
	3,627950376	0,555304102	12,16342472	163791	0,094103236	0,423821637	0,482075127
	3,314328192	0,519024921	12,40937999	170972,9	0,094261962	0,442251324	0,463486714
	3,119436833	0,49709222	12,5648438	175478,9	0,094422809	0,453642675	0,451934516
	3,339623681	0,521951857	12,38825547	170372,4	0,094457271	0,440559995	0,464982734
	3,745659309	0,569345941	12,07018103	161080,2	0,094552193	0,416403991	0,489043816
	2,934322463	0,476707092	12,71382751	179780,6	0,094702519	0,46433761	0,440959871
	3,190996383	0,505168947	12,50560964	173789	0,09472971	0,449099784	0,456170506
	2,515042516	0,431930075	13,06112288	189685,9	0,094768848	0,489119765	0,416111388
	3,32521781	0,520389975	12,39775436	170672,7	0,094839765	0,441037189	0,464123046
	2,897971418	0,472777721	12,74260699	180617,5	0,094888754	0,466308521	0,438802725
	3,198120819	0,506086709	12,49700886	173576,3	0,095288866	0,448127137	0,456583997
	3,534151271	0,544582456	12,23065574	165834,9	0,095290363	0,428211762	0,476497875
	3,816632877	0,578065827	12,01088496	159395,1	0,095557499	0,411208312	0,493234189
	3,868005591	0,584268453	11,97130331	158230,4	0,0956434	0,408079291	0,496277309
	3,201436209	0,50653967	12,49237888	173467	0,095673929	0,447551601	0,45677447
	3,754646882	0,570676532	12,05778716	160786,5	0,095680679	0,414760479	0,489558842
	3,787536014	0,574645247	12,03174537	160029,2	0,095850086	0,412644631	0,491505283
	2,721388143	0,453921318	12,88293188	184691,5	0,095877768	0,475799641	0,42832259
	3,833583203	0,580181331	11,99630547	158985,8	0,095900336	0,409866308	0,494233357
	2,613058053	0,442424938	12,97283863	187253,6	0,095914843	0,482183023	0,421902134
	2,533609052	0,434095678	13,03873456	189132	0,096021592	0,486786261	0,417192147
	3,471461171	0,537458618	12,27612735	167209,7	0,096035139	0,431193752	0,472771109
	3,802593509	0,57651776	12,0187846	159665,5	0,096151078	0,411455993	0,492392929
	3,54899724	0,546544033	12,2139226	165411,2	0,096332868	0,426305709	0,477361424
	2,757710674	0,457933438	12,84937824	183776,4	0,096537953	0,472997198	0,430464849
	2,526462563	0,43349689	13,04025926	189228,6	0,09685557	0,486388804	0,416755626
	3,275014435	0,51511779	12,4271843	171658,8	0,096933994	0,441950777	0,461115228
	3,734691333	0,568585872	12,06702618	161138	0,096957488	0,414686189	0,488356323
	3,869240579	0,584730846	11,96394871	158097	0,097006471	0,406664286	0,496329243
	2,408382439	0,421266492	13,13855201	192026,1	0,09705846 5	0,49318676	0,409754775
	2,971862316	0,481325911	12,66981778	178681,3	0,097274561	0,45958098	0,443144459
	3,070134736	0,492183181	12,58999546	176385,6	0,097282917	0,453748915	0,448968167
	2,925318564	0,47622819	12,70770602	179770	0,097291429	0,46232266	0,440385911
	3,399582235	0,52945494	12,32594319	168747,9	0,09742172	0,434088496	0,468489784
	2,338227189	0,414132725	13,19547123	193663,9	0,097514203	0,496895682	0,405590115
	3,684123913	0,56271666	12,1030239	162235,8	0,09758235	0,417067807	0,485349843
	3,829635926	0,580094784	11,99129072	158942,8	0,09760941	0,408417808	0,493972782
	3,246060831	0,511983699	12,44670507	172269,5	0,097656922	0,442954977	0,459388102
	2,472824177	0,428053618	13,08077589	190431,4	0,09770808	0,488728315	0,413563604
	2,720118677	0,454169453	12,87309816	184542,4	0,097954754	0,473830274	0,428214972
	3,153043965	0,501600041	12,5189249	174387,6	0,098124203	0,448007366	0,453868432
	3,561588562	0,548420193	12,19509771	164975,6	0,098205794	0,423715798	0,478078408
	3,627130656	0,556152579	12,14339406	163469,8	0,098370118	0,419660868	0,481960014
	2,667816003	0,448674563	12,9141827	185741,2	0,098398131	0,476493382	0,425108487
	3,901454525	0,588992817	11,93207046	157250,5	0,098629949	0,403157055	0,498212996
	3,830808458	0,580487539	11,98519738	158830,9	0,09874196	0,407233431	0,494024609
	3,707110852	0,565699626	12,0798385	161624,6	0,098754679	0,414551502	0,486693819
	3,345700739	0,523577835	12,36139037	169869,8	0,098902371	0,435824069	0,46527356
	2,42284869	0,423091835	13,11606016	191511,5	0,098998546	0,490419629	0,410581825
	3,175542454	0,504305476	12,49637774	173791,7	0,099036141	0,445776338	0,455187521
	3,581657059	0,550969683	12,17509154	164445,9	0,099139943	0,421606913	0,479253145
	3,184075911	0,505300475	12,48865873	173579,4	0,09921628	0,445093297	0,455690424
	2,774487918	0,460246843	12,82124426	183145,8	0,099310692	0,469273439	0,431415869
	3,227440601	0,510244072	12,4526481	172553,4	0,099487377	0,44225654	0,458256083
	2,378245524	0,418574543	13,15105013	192533,1	0,099506527	0,492562851	0,407930622
	3,784055281	0,575078236	12,01663377	159815,5	0,099675447	0,409085196	0,491239357
	2,520997805	0,433500482	13,02754508	189074,1	0,100167628	0,483452245	0,416380127
	3,028602505	0,488171223	12,60838716	177103,5	0,100356488	0,453184563	0,446458949
	2,869709464	0,470748775	12,73749196	180816	0,100415634	0,462542689	0,437041677
	2,501678375	0,431554102	13,04153436	189497,4	0,100598465	0,484173038	0,415228497
	2,971823647	0,481997255	12,65209056	178390,1	0,100843887	0,456069603	0,44308651
	2,873422595	0,471236404	12,73219091	180691,7	0,100875895	0,461869556	0,437254548

Table 8f: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 6

SPGSCITR 6							
	2,526559667	0,434204049	13,01924511	188881,9	0,10088413	0,482417307	0,416698562
	2,520872039	0,433642487	13,02298894	189000,4	0,101085215	0,48255642	0,416358365
	3,886752963	0,587751676	11,93225392	157400,6	0,101099505	0,401597254	0,497303241
	2,293304479	0,410141511	13,21435068	194423,7	0,101170536	0,495958582	0,402870882
	2,814803853	0,46493587	12,77865079	182042,1	0,101202312	0,465022105	0,433775583
	2,533901874	0,435076722	13,01000688	188656,6	0,101498776	0,481377131	0,417124093
	3,532912963	0,545751312	12,20219189	165379,1	0,101503535	0,422168858	0,476327607
	2,804934818	0,463938989	12,78483643	182242,5	0,101595302	0,465220104	0,433184595
	3,777547268	0,574728385	12,01262496	159814,6	0,101700552	0,407477348	0,4908221
	3,402439004	0,530659209	12,30335434	168347,8	0,101728439	0,429679634	0,468591927
	3,204178813	0,508058049	12,46044247	172914,3	0,101762045	0,441395886	0,456842069
	2,488892193	0,430473829	13,04455948	189675	0,102124134	0,483428897	0,414446969
	3,546298185	0,547461513	12,18852339	165020,4	0,102228022	0,42066243	0,477109547
	2,90635217	0,475096553	12,69805349	179800,9	0,102371025	0,458446262	0,439182713
	2,54822146	0,436752493	12,99287543	188231,6	0,102536897	0,479506587	0,417956516
	2,890030069	0,47334756	12,71048982	180168,7	0,102556462	0,459231	0,438212538
	2,945835088	0,479512111	12,66346402	178837,1	0,102882446	0,455602971	0,441514583
	2,897358986	0,474206933	12,70291055	179970,7	0,102891977	0,458466389	0,438641634
	2,561719342	0,438248785	12,97931406	187873,5	0,103003929	0,478246924	0,418749147
	3,870448571	0,586212021	11,93578022	157621,6	0,103161462	0,400533683	0,496304854
	2,309318513	0,412118204	13,18982693	193860,2	0,103330203	0,492883564	0,403786233
	3,434948479	0,534745048	12,27014216	167476,4	0,103434264	0,426073826	0,47049191
	3,675289806	0,562907096	12,08323563	161998,6	0,103489846	0,411775957	0,484734198
	3,061699323	0,492428525	12,56659248	176085,1	0,103532817	0,448096373	0,44837081
	3,417490182	0,53275069	12,28330544	167867,5	0,103555475	0,426989122	0,469455403
	2,413176719	0,422846317	13,10080229	191357,3	0,103604392	0,486458785	0,409936822
	3,086282307	0,495196758	12,54598598	175500,3	0,103706843	0,446468219	0,449824938
	3,575587813	0,55119133	12,15918453	164244,9	0,103729955	0,417448151	0,478821895
	2,852379314	0,469456294	12,73564476	180958,9	0,103741627	0,460295581	0,435962791
	2,6725784	0,450123548	12,88319107	185183,9	0,103830864	0,470863133	0,425306003
	3,210167275	0,509125343	12,44608354	172618,2	0,103847335	0,438988223	0,457164442
	2,945111627	0,479606017	12,65947608	178778,7	0,103858599	0,454684913	0,441456487
	3,220093447	0,510271901	12,43757046	172378,9	0,103980249	0,438269134	0,457750616
	3,576983772	0,551498332	12,15494709	164161,3	0,104463908	0,416642915	0,478893178
	3,526030899	0,545544505	12,19420251	165316,5	0,104534212	0,419593286	0,475872502
	3,653459694	0,56053079	12,09551569	162418,9	0,104551197	0,412024855	0,483423947
	3,660421291	0,561355147	12,0901547	162261,1	0,104552033	0,411611473	0,483836494
	3,317413245	0,52150049	12,35638822	170070,4	0,104864822	0,43163097	0,463504207
	3,285707226	0,51788561	12,38141469	170799,1	0,104880961	0,433494052	0,461624988
	2,888990571	0,473669832	12,69964739	180000,7	0,105051325	0,456836643	0,438112032
	2,618193356	0,44456433	12,92196031	186365,4	0,105157238	0,472780418	0,422062344
	3,020192396	0,488228474	12,5896829	176879,9	0,105820929	0,448303732	0,445875339
	2,374284743	0,41918039	13,12259388	192104,6	0,105856534	0,486546585	0,40759688
	3,730218541	0,569920168	12,03092679	160589	0,105930128	0,406118529	0,487951343
	2,778078812	0,461792483	12,78610696	182532	0,105985251	0,462490154	0,431524595
	2,660984273	0,449249442	12,88245015	185287,6	0,106021333	0,469393914	0,424584753
	3,14713201	0,50248044	12,48522487	173892,4	0,106369192	0,440241298	0,45338951
	3,183273054	0,506560597	12,45600697	173050,4	0,106448616	0,438021315	0,455530069
	3,091966251	0,496339981	12,52854043	175156,5	0,10657468	0,443308258	0,450117062
	3,605786237	0,555293734	12,12373758	163359,9	0,106599372	0,412833852	0,480566776
	2,537677733	0,436317707	12,98165744	188152,5	0,10670733	0,476026029	0,417266641
	2,55002618	0,437634332	12,97081841	187850,7	0,106825688	0,475177221	0,417996591
	3,727128151	0,569745177	12,02919778	160591,4	0,106942486	0,4053051	0,487752414
	2,75363254	0,459369807	12,80032281	183010,2	0,107273422	0,46267081	0,430055769
	3,624106127	0,557583867	12,10679827	162898	0,10729163	0,411066711	0,481641658
	3,075614021	0,494686601	12,53735858	175465,1	0,107565694	0,443301767	0,44913254
	2,34938942	0,416879935	13,13528965	192562,4	0,107602329	0,486303365	0,406094306
	2,593654057	0,442382158	12,93023063	186746,8	0,107762847	0,471669692	0,420567461
	3,091989161	0,496598621	12,52206141	175049,7	0,10806533	0,441839494	0,450095176
	3,008737488	0,487358771	12,58864541	176977,4	0,108159172	0,446680793	0,445160036
	3,566793519	0,550999998	12,14744613	164139,8	0,108181509	0,413587179	0,478231111
	2,78523663	0,462925177	12,77028384	182200,1	0,108190694	0,459894913	0,431914393
	3,622531098	0,557582082	12,1040123	162868	0,108290824	0,410176438	0,481532738
	3,271851603	0,516923921	12,37764517	170875,6	0,108322472	0,430927319	0,460750209
	2,944761841	0,48033893	12,63943172	178452,5	0,108379979	0,450254766	0,441365255
	2,820372195	0,466785988	12,7399314	181349,5	0,108552197	0,457456836	0,433990967
	3,413793866	0,533247955	12,26491932	167602	0,108567102	0,422274694	0,469158204
	2,535033311	0,436329021	12,97526021	188073,7	0,108578343	0,474340906	0,417080751
	2,328446221	0,414886095	13,14793521	192979,8	0,108677793	0,486485811	0,404836396
	3,588026316	0,553601811	12,12870959	163619,3	0,108768728	0,411750816	0,479480457
	3,248355776	0,514331159	12,39435905	171385,5	0,108778788	0,431870533	0,459350679
	3,600244887	0,555045362	12,11917911	163340,3	0,108796122	0,410999749	0,480204129
	2,788090746	0,463334393	12,76516508	182087,4	0,108820968	0,459105326	0,432073706
	2,473769956	0,429928187	13,02502695	189508,9	0,108946609	0,477632273	0,413421118
	2,720990308	0,45613383	12,81957003	183653,3	0,108974108	0,462931093	0,428094799
	2,404887163	0,422818445	13,08206038	191131,9	0,10901859	0,48162027	0,40936114
	3,068396087	0,494132164	12,5368187	175528,4	0,109048263	0,442270066	0,448681671
	2,535016631	0,436410523	12,97279878	188033,4	0,109126611	0,473802176	0,417071213
	2,813907639	0,466179042	12,74265116	181458,9	0,109138779	0,457262504	0,433598716
	3,164155005	0,504877969	12,45965294	173301,5	0,109175453	0,436469976	0,454354571
	2,92935062	0,478787701	12,64819433	178750,8	0,109245569	0,450315976	0,440438455
	3,630051016	0,558661988	12,09407555	162629,3	0,109349213	0,408688906	0,481961881
	2,332583833	0,415412845	13,14122366	192828,1	0,10937813	0,48555119	0,40507068
	3,541791083	0,548305944	12,16153212	164621,5	0,109507469	0,413763595	0,476728936
	3,352351151	0,526339255	12,30917201	168944,4	0,109538916	0,424959264	0,46550182
	3,097402759	0,497459938	12,51126284	174817,9	0,109593759	0,440014077	0,450392164
	2,311825964	0,413314211	13,15772622	193307,1	0,10959685	0,486566037	0,403837112
	3,169493784	0,505557874	12,45345661	173146,2	0,109643659	0,435692682	0,454663658
	2,660400657	0,449765714	12,86636519	185028,9	0,109686255	0,465820726	0,424493019
	3,591530245	0,554190802	12,12214186	163476,2	0,109756527	0,410570769	0,479672704
	2,983228011	0,484815228	12,6020738	177453,4	0,109838398	0,446539499	0,443622103
	2,71387971	0,455522969	12,82115147	183750,4	0,109948241	0,462393539	0,42765822
	2,773744438	0,461985997	12,77136914	182332,9	0,110096685	0,458699695	0,43120362
	3,269638679	0,51705431	12,37024395	170776	0,110563012	0,428852859	0,460584129
	3,13308833	0,501633654	12,47830475	173919	0,110665547	0,436844197	0,452490257
	3,056651425	0,493103265	12,53915992	175684,3	0,110749432	0,441291438	0,44795913
	3,017841754	0,488825952	12,56948614	176571,2	0,110961741	0,443382386	0,445655873
	3,375591397	0,529270115	12,28491933	168313	0,111054183	0,422090357	0,46685546
	2,629113868	0,446647803	12,88613334	185666,9	0,111081446	0,466301414	0,42261714
	3,671321927	0,563878325	12,05538659	161580,2	0,111203412	0,404417815	0,484378773

Table 8g: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 7

SPGSCITR 7	3,396591444	0,531727138	12,26764679	167818,9	0,111267904	0,42063546	0,468096636
	3,590671547	0,554357686	12,11694361	163399,3	0,11129049	0,409111614	0,479597896
	3,131820953	0,50159643	12,47670408	173905,3	0,111310363	0,436284543	0,452405094
	2,898382862	0,475749364	12,66387847	179318,4	0,111484718	0,449946959	0,438568322
	3,143014995	0,502882185	12,46706377	173634,8	0,111487052	0,435447225	0,453065723
	2,387201175	0,421350213	13,08567143	191368,1	0,111521139	0,480204854	0,408274007
	2,325468383	0,414999434	13,13716889	192832,5	0,111608824	0,483776957	0,404614219
	3,240933742	0,513982235	12,38833287	171360,6	0,11172467	0,429410433	0,458864897
	3,475097969	0,540921845	12,20425336	165991,1	0,111839886	0,415419929	0,472740186
	2,774058409	0,462301257	12,76333904	182197,7	0,111928256	0,456878078	0,431193667
	2,363447172	0,418967634	13,10339033	191897,1	0,112026287	0,481115297	0,406858416
	2,366595116	0,419298472	13,10055905	191819,1	0,112069108	0,48088659	0,407044302
	3,309951918	0,521905797	12,33249606	169752	0,11207465	0,424975742	0,462949608
	2,452231872	0,428231385	13,02725895	189757	0,112434054	0,475452313	0,412113633
	3,572049307	0,552418385	12,12577053	163730,7	0,11277447	0,408754369	0,478471162
	3,073643606	0,495323552	12,51725837	175154,1	0,112801986	0,438263897	0,448934118
	3,015160195	0,488820469	12,56414134	176510,1	0,112813318	0,441718595	0,445468086
	3,126373275	0,501236814	12,4747871	173928,3	0,11288644	0,435055884	0,452057677
	3,340130795	0,525520125	12,30510453	168999,7	0,113034843	0,422242055	0,464723102
	3,609932048	0,556983521	12,09439968	162835,9	0,11339341	0,405900066	0,480706525
	3,625004955	0,55876893	12,08273021	162493,2	0,113424227	0,404976475	0,481599298
	3,655125965	0,562338567	12,05959476	161811,4	0,113447061	0,40316896	0,483383979
	2,798382663	0,465202064	12,73603966	181505,4	0,11373465	0,453658342	0,432607008
	3,377203288	0,529906656	12,27320412	168104,2	0,113799185	0,419292634	0,466908181
	2,642607504	0,448484198	12,86345608	185158,9	0,113818012	0,462807858	0,42337413
	2,830575951	0,468718602	12,70917176	180741,5	0,113891673	0,451595923	0,434512404
	2,568095758	0,440593506	12,92471395	186911,7	0,113893736	0,467149044	0,41895722
	3,593015436	0,555092022	12,10513652	163181,6	0,114022121	0,406283673	0,479694205
	3,370038391	0,529120302	12,27790284	168253,1	0,114043512	0,419476725	0,466479763
	3,376955312	0,529931373	12,27216375	168089,6	0,114133121	0,418978602	0,466888278
	2,827774777	0,46845944	12,71022322	180786,8	0,114198634	0,451459752	0,434341614
	3,202694233	0,51007832	12,40817981	172069,5	0,114433035	0,429010458	0,456556508
	3,459248776	0,539505571	12,20691388	166193,4	0,114446036	0,413793674	0,47176029
	2,426822631	0,425867873	13,03989394	190218,9	0,114454993	0,474968694	0,410576313
	2,620939239	0,446276172	12,87854666	185623,8	0,114495982	0,463424569	0,42207945
	3,001889314	0,487627942	12,56765262	176700,6	0,114636554	0,440710251	0,444653194
	2,755673703	0,46071989	12,76724339	182445,7	0,114650247	0,455288049	0,430061704
	3,66578381	0,563837442	12,04643852	161488,4	0,114877113	0,401129601	0,483993287
	2,793594552	0,464862466	12,73504371	181536,9	0,114960125	0,452735731	0,432304144
	3,649122705	0,561874624	12,05886809	161859,5	0,1149605	0,402034888	0,483004613
	3,502048675	0,544591796	12,17149799	165182,8	0,115076547	0,410636579	0,474286874
	3,421122971	0,535191109	12,23408263	167021,5	0,115131918	0,415377906	0,469490176
	3,29399964	0,520611253	12,33252044	169911,9	0,115408055	0,422639683	0,461952263
	2,438603435	0,42723308	13,02580014	189869,3	0,115481337	0,473260198	0,411258465
	3,460348117	0,539864156	12,20084222	166082,5	0,115912918	0,412284516	0,471802566
	2,734931828	0,458693235	12,77843372	182837,2	0,116110299	0,455079973	0,428809728
	3,586821862	0,554702676	12,10246754	163199,7	0,116152512	0,404553547	0,479293941
	3,50131565	0,544698107	12,16777668	165129	0,116303534	0,409472166	0,4742243
	2,813206265	0,46720452	12,71318082	180981,2	0,116470106	0,450087062	0,433442832
	3,458665068	0,539774938	12,19974082	166081,2	0,116604563	0,411703398	0,471692039
	2,583557548	0,442616848	12,90056365	186359,8	0,116697519	0,463472681	0,419829799
	2,825054402	0,468525275	12,702631	180689,1	0,116709136	0,449149612	0,434141251
	3,099606465	0,498902977	12,47949205	174273,3	0,117298412	0,432298968	0,45040262
	3,381801953	0,530979777	12,25706045	167792,7	0,117306687	0,415567299	0,467126014
	2,942833085	0,481502436	12,60488402	177903,6	0,11735635	0,441532668	0,441110982
	3,411517621	0,534422403	12,23370662	167111,4	0,117370596	0,413743371	0,468886033
	3,230900934	0,513722198	12,37507398	171242,8	0,117394866	0,42442322	0,458181914
	3,502456784	0,545038048	12,1622813	165027,2	0,117660862	0,408068377	0,474270761
	2,454416964	0,42917866	13,00359676	189346	0,117720728	0,470118582	0,41216069
	2,809525888	0,466995924	12,71097852	180981,7	0,117839238	0,448957386	0,433203376
	2,784141322	0,464247677	12,73154586	181573,9	0,117862656	0,450438679	0,431698665
	2,658326574	0,450785382	12,83266067	184495,2	0,118330803	0,45743389	0,424235308
	3,000136169	0,4879742	12,55514213	176512,3	0,118364426	0,437144405	0,444491169
	3,201054632	0,510490205	12,39495654	171868,3	0,118442951	0,425160235	0,456396814
	2,950285973	0,482481145	12,59476212	177662,5	0,118481024	0,439983856	0,441535119
	3,499159082	0,544781856	12,16194754	165054,6	0,118528073	0,407410118	0,47406181
	2,792556317	0,46528448	12,72126159	181320,6	0,118784719	0,449032302	0,432182978
	2,932626861	0,480599055	12,60734092	178046	0,118934325	0,440584141	0,440481533
	3,454833054	0,539697099	12,19440003	166031,7	0,119073823	0,409499735	0,471426442
	2,756644827	0,461460034	12,74887024	182133,8	0,119227921	0,450724205	0,430047874
	3,079254447	0,496901356	12,48880416	174630	0,119239055	0,431594691	0,449166254
	3,448999828	0,539072779	12,19770197	166144,3	0,119445211	0,409479828	0,471074961
	2,508218926	0,435039768	12,95207615	187960,5	0,119487	0,46519143	0,41532157
	2,50644204	0,434868163	12,95310117	187995,1	0,11960478	0,465180788	0,415214432
	3,145732897	0,504433703	12,43410608	173065,5	0,119783042	0,427119528	0,45309743
	2,533738616	0,437762728	12,92980768	187339	0,119789739	0,463381058	0,416829202
	3,409676725	0,53456645	12,22696635	167018,9	0,119818207	0,411443022	0,468738772
	2,418371485	0,425707894	13,0249423	190057,5	0,119952469	0,470057775	0,409989756
	2,886171711	0,475661995	12,64053267	179056,5	0,120129452	0,442160684	0,437709863
	2,866107702	0,473481112	12,6563802	179517,9	0,120231592	0,443249175	0,436519233
	2,916037603	0,478971736	12,61553953	178346,8	0,1203872	0,440137037	0,439475762
	2,462405469	0,430363433	12,98636064	188982,6	0,120470077	0,466938688	0,412591235
	2,270757624	0,410545909	13,14641499	193531,7	0,120480006	0,478286386	0,401233609
	3,365670934	0,529593235	12,25869173	167980,8	0,120584961	0,413296103	0,466118936
	2,492659094	0,433560842	12,96036869	188252,5	0,120709691	0,464909914	0,414380395
	2,726223762	0,458400106	12,76760837	182746,2	0,12090025	0,450880772	0,428218978
	2,912750871	0,478712385	12,61550847	178379,1	0,121156589	0,439574425	0,439268986
	2,398287648	0,423783493	13,03669684	190451,7	0,121270419	0,469950589	0,408778992
	3,184891108	0,509055978	12,39812644	172082,1	0,121280833	0,423324491	0,455394676
	2,759943932	0,462106636	12,73817069	181924,8	0,121452815	0,448338492	0,430208693
	2,862809606	0,473309086	12,65401204	179511,9	0,121670826	0,442027836	0,436301339
	2,497567278	0,434207742	12,95236361	188071,7	0,121778584	0,463566819	0,414654597
	3,352302628	0,528239681	12,26479595	168214,9	0,121939785	0,41275464	0,465305574
	2,456867063	0,429972837	12,98527687	189020,1	0,122003003	0,465757883	0,412239114
	2,689980041	0,454647367	12,79327616	183530,9	0,122006109	0,45194004	0,426053851
	2,475660759	0,431955913	12,96917085	188567,3	0,122145849	0,464503509	0,413350642
	2,614673231	0,446637478	12,85409932	185284,4	0,122252837	0,456160006	0,421587157
	2,419789165	0,4261644	13,01431664	189868,6	0,12248523	0,467480493	0,410034277
	3,514960432	0,547222773	12,13657405	164479,3	0,122754513	0,402313159	0,474932328
	2,969743156	0,485202591	12,56422068	176965,6	0,122788947	0,434590033	0,44262102

Table 8h: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 8

SPGSCITR 8	2,25223935	0,40893076	13,15305462	193826,1	0,122836383	0,477064185	0,400099432
	2,64796421	0,450286396	12,82386841	184454,2	0,123087061	0,453365893	0,423547046
	2,902956261	0,477891846	12,61667379	178496,3	0,123140186	0,438202209	0,438657605
	3,29036865	0,521325155	12,30866737	169555,9	0,123370216	0,415016858	0,461612926
	2,309812393	0,414903965	13,10245775	192418,1	0,123471692	0,473026878	0,40350143
	3,469141303	0,541996463	12,16906572	165471,9	0,123681498	0,404115971	0,472202532
	3,399834112	0,533960314	12,22241282	167042,5	0,123737512	0,408168126	0,468094362
	3,079252566	0,497508035	12,47357107	174379,5	0,123815676	0,427089546	0,449094778
	3,481598092	0,543472417	12,15893788	165180,7	0,123867683	0,403194472	0,472937845
	2,366184736	0,420771464	13,05372271	191052,8	0,123932148	0,469232854	0,406834999
	3,050539559	0,494318785	12,49596215	175034,9	0,123950611	0,428658311	0,447391078
	2,879033197	0,475378765	12,63304739	179004,8	0,124015722	0,438758058	0,43722622
	2,60579305	0,445920939	12,85483999	185385,4	0,124131232	0,45483716	0,421031608
	2,893872779	0,477025077	12,62055673	178651	0,124182778	0,437714181	0,438103041
	3,296998657	0,522191422	12,30094493	169362,6	0,124209537	0,413797716	0,461992747
	2,90245516	0,477980951	12,61327344	178445,3	0,124300214	0,437089965	0,43860982
	3,091020817	0,49892202	12,46180734	174068,3	0,12459055	0,425629343	0,449780107
	3,384114929	0,532253957	12,23206349	167358,4	0,12459548	0,40825509	0,46714943
	3,153838523	0,505986267	12,41197281	172620,4	0,124641449	0,421856523	0,453502029
	3,411215081	0,535431542	12,21008446	166725,9	0,124944593	0,406305406	0,468750001
	3,33850517	0,527050005	12,26630183	168377,7	0,124992041	0,410567647	0,464440312
	2,756084901	0,462132404	12,72910993	181814,4	0,125042809	0,445033172	0,429924018
	3,355031727	0,528971933	12,25297714	167993,2	0,125159895	0,40942301	0,465417095
	3,24495489	0,516389056	12,33837953	170498,7	0,12530051	0,415807982	0,458891507
	3,086042687	0,498466566	12,46320694	174141,1	0,125418978	0,425108847	0,449472175
	2,782426593	0,4650271	12,70651939	181179,4	0,125420513	0,443100292	0,431479195
	3,244989764	0,516438304	12,33727047	170480,1	0,125668449	0,415443714	0,458887837
	2,423535568	0,426983387	12,99812827	189564,8	0,126207319	0,463594424	0,410198257
	2,449658103	0,429714233	12,9763153	188944,8	0,126257666	0,461996783	0,411745551
	3,397872331	0,534056558	12,21653682	166965,4	0,126309769	0,405752238	0,467937993
	2,380278504	0,422506643	13,03347029	190578,7	0,126376837	0,465991057	0,407632105
	3,011265546	0,490245005	12,51968864	175817,9	0,12638252	0,428591788	0,445025692
	2,784446316	0,465374289	12,70137979	181074,6	0,12651863	0,441899605	0,431581765
	2,43240877	0,427953982	12,98938269	189332,2	0,126620301	0,462662036	0,410717663
	3,283181618	0,520910106	12,30467756	169562,1	0,126625804	0,412237954	0,461136242
	2,262571787	0,410423375	13,13039506	193350,1	0,126752318	0,472596989	0,400650692
	3,405966527	0,535050075	12,20898025	166760,2	0,126782626	0,404807075	0,468410299
	2,554183457	0,440766226	12,88808532	186448,3	0,126864538	0,455204972	0,417930489
	3,052162671	0,494862174	12,48552076	174846,9	0,12693647	0,425622822	0,447440708
	2,384675891	0,423046473	13,02723346	190432,2	0,127143139	0,464976106	0,407880755
	3,184394508	0,509758326	12,38007003	171790,1	0,127299915	0,417428696	0,455271389
	3,089763593	0,499127987	12,45414609	173954,8	0,12747788	0,422861541	0,449660579
	3,318488542	0,525061107	12,27464333	168715	0,127542039	0,409243641	0,46321432
	3,083949136	0,498558448	12,45671082	174055,2	0,128186396	0,422508651	0,449304953
	2,652584658	0,451371095	12,80328757	184069,5	0,128189983	0,448068725	0,423741292
	2,29157715	0,413570771	13,10060284	192570	0,128394969	0,469261031	0,402343999
	2,368419908	0,421534177	13,0354061	190729,2	0,128762889	0,464344978	0,406892133
	3,079919974	0,498176809	12,45816572	174119,4	0,128798953	0,422144423	0,449056624
	3,174313548	0,508819935	12,38308955	171940,6	0,129056594	0,416296829	0,454646577
	2,908395323	0,479287773	12,59127593	178024,1	0,129980288	0,431146436	0,438873277
	2,690350311	0,455610716	12,76703856	183095,6	0,130001107	0,444047767	0,425951126
	2,49520149	0,434890372	12,92659282	187671,5	0,130019799	0,455594313	0,414385888
	2,54080788	0,439706849	12,88871702	186592,5	0,130147361	0,452766006	0,417086633
	3,106833739	0,501342968	12,43317132	173439,1	0,130162312	0,419207354	0,450630334
	2,730499018	0,459954863	12,73374576	182146,5	0,130245504	0,44142788	0,428326616
	3,199508955	0,511807362	12,36003757	171309,4	0,130293718	0,413585861	0,456120421
	2,553870987	0,441115744	12,87716508	186271,8	0,130423687	0,45171984	0,417856473
	2,663493795	0,452785793	12,78737795	183698,7	0,130508235	0,445140122	0,424351643
	2,798597152	0,467369601	12,67743219	180539,2	0,130691271	0,43695342	0,43235531
	2,765060425	0,463737256	12,70441316	181318,4	0,130719627	0,438912966	0,430367408
	2,726443255	0,45957896	12,73533613	182213,2	0,130829497	0,441093346	0,428077156
	3,020940222	0,491846417	12,49859567	175374,2	0,131084627	0,423389659	0,445525714
	2,902835955	0,478829264	12,59172251	178087	0,131418902	0,430059715	0,438521384
	3,143009822	0,505552031	12,40121433	172551,7	0,131491972	0,415754554	0,452753474
	3,147401082	0,506049121	12,3977102	172450,2	0,131514117	0,415472518	0,453013365
	3,242208284	0,516811264	12,3229852	170273	0,131749844	0,409621984	0,458628171
	2,671139445	0,453751101	12,77702401	183451,9	0,131939032	0,443278538	0,42478243
	3,136197384	0,504845607	12,40507309	172683,3	0,132076129	0,415583226	0,452340645
	2,62144019	0,448464832	12,81681206	184603,4	0,132168426	0,445998008	0,421833566
	2,26765416	0,411512877	13,1079821	192930,6	0,132349683	0,466785713	0,400864604
	3,208783696	0,513088999	12,34723992	171006,2	0,132481016	0,410883028	0,456635956
	2,847636835	0,47293063	12,6320558	179302,5	0,132851101	0,431921069	0,43522783
	2,469467188	0,432486108	12,93895077	188132,1	0,132975301	0,454209968	0,412814731
	2,953276835	0,484544085	12,54731262	176852,2	0,132991511	0,425522391	0,441486099
	3,137600357	0,505100176	12,40159859	172612,1	0,133026524	0,414564507	0,452408969
	2,52478171	0,438335654	12,89247392	186814,5	0,133343106	0,450569839	0,416087055
	3,311515243	0,524890791	12,26534096	168631,8	0,133351343	0,403938176	0,462710481
	2,891131414	0,477745136	12,59579688	178271,1	0,133401094	0,428802068	0,437796838
	2,358531709	0,420973417	13,02928108	190727,3	0,133409469	0,46035685	0,406233681
	2,416605168	0,427007825	12,98115426	189354,9	0,133445726	0,456879598	0,409674676
	3,162333703	0,507952257	12,3806576	172020,4	0,133669175	0,412466125	0,4538647
	2,569973713	0,443153607	12,85428551	185734,4	0,133775208	0,447466297	0,418758495
	2,99940022	0,489755293	12,50798017	175744	0,134064552	0,421732708	0,444202739
	3,144524568	0,505982849	12,39364902	172412,1	0,134067507	0,413129413	0,45280308
	2,734907047	0,460815779	12,71952173	181868,4	0,134072005	0,437399818	0,428528178
	2,815467155	0,46954568	12,6546078	179995,1	0,134090269	0,43260767	0,433302062
	2,513096931	0,437179803	12,89983245	187052,4	0,134133718	0,45048402	0,415382262
	3,128282369	0,504170049	12,40599607	172777,7	0,134228594	0,413933386	0,45183802
	3,107137047	0,501846406	12,4213031	173240,9	0,134771455	0,414652108	0,450576437
	2,340479856	0,419238368	13,04014506	191086,5	0,134828773	0,46002947	0,405141757
	2,915664504	0,48058296	12,57246777	177642	0,134882941	0,425889443	0,439227616
	2,543384102	0,440446775	12,87291383	186306,7	0,134906591	0,447928314	0,417165094
	2,91679707	0,480719526	12,57125209	177610,7	0,135009905	0,425697341	0,439292754
	2,294452059	0,414527909	13,07728915	192157,7	0,13519587	0,462395805	0,402408325
	2,399091788	0,425354531	12,99043657	189682,7	0,135271968	0,456119715	0,408608318
	2,496801292	0,435571365	12,91005564	187383,5	0,135275035	0,450326216	0,414398749
	3,17344188	0,509381044	12,36773773	171696,8	0,135488647	0,41001673	0,454494623
	2,536364917	0,439763837	12,87694375	186443,2	0,135541835	0,447718948	0,416739216
	2,368298864	0,422193086	13,01477528	190391	0,135666496	0,457556194	0,40677731
	2,414264701	0,426975322	12,97666092	189304,4	0,135730879	0,454768779	0,409500342

Table 8i: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 9

SPGSCITR 9							
	2,658853606	0,452803457	12,77663142	183568,3	0,135765121	0,440240196	0,423994683
	3,249923052	0,518106282	12,30707395	169934,1	0,136010696	0,404970379	0,459018925
	3,138016422	0,50543483	12,39421054	172486,5	0,136027475	0,411585694	0,452386831
	3,186302446	0,510885621	12,35648737	171383,1	0,136033887	0,408717846	0,455248267
	3,036052837	0,494018593	12,47423112	174822,3	0,136060431	0,417595838	0,446343732
	3,040193282	0,494502794	12,4703897	174717,7	0,136311316	0,417103493	0,446585191
	3,29764883	0,523626303	12,26847862	168822	0,136796342	0,40136865	0,461835008
	3,151718613	0,507078692	12,38105246	172133	0,137140693	0,409677813	0,453181494
	3,235083668	0,516531402	12,31586872	170227,2	0,137286488	0,404593895	0,458119617
	3,259030104	0,519264785	12,29715466	169679,9	0,137364068	0,403098407	0,459537525
	2,869652935	0,475775126	12,60280724	178601,2	0,13752639	0,426013961	0,436459649
	2,811430965	0,469425574	12,64924744	179947,3	0,137564781	0,42942653	0,433008689
	2,754957293	0,463307522	12,69439042	181254,6	0,137638575	0,43270064	0,429660785
	2,291000108	0,414391438	13,07326572	192126,1	0,137694239	0,460140964	0,402164797
	2,477898769	0,433802741	12,91911625	187721,6	0,137717111	0,449042425	0,413240465
	2,881579766	0,47712953	12,59202934	178304,7	0,138081513	0,424760683	0,437157803
	2,616132323	0,448488349	12,80430498	184450,8	0,138562174	0,440018515	0,421419311
	2,43567585	0,429479482	12,9508518	188665,8	0,138862567	0,450417053	0,41072038
	3,047037305	0,495493321	12,45927304	174466,4	0,138923955	0,414126002	0,446950043
	2,271842123	0,412545481	13,08532425	192516	0,139152377	0,459840908	0,401006715
	2,265154402	0,411904171	13,08946123	192650,9	0,139701865	0,459696317	0,400601818
	2,878878372	0,476980895	12,59028968	178303,1	0,1398443	0,423185475	0,436970225
	3,106279476	0,502195856	12,41095216	173079,2	0,139845354	0,409708149	0,450446497
	3,064975115	0,497573907	12,44322563	174023,1	0,139879374	0,412122447	0,447998179
	2,749489663	0,462906256	12,69358291	181296	0,13989428	0,430804132	0,429301587
	2,86840016	0,475837863	12,59851286	178543,1	0,139897566	0,423754001	0,436348433
	2,930306529	0,482654349	12,54884747	177107,1	0,140136706	0,419849883	0,440013411
	3,118472356	0,503590322	12,40079755	172790,2	0,140164045	0,408671851	0,451164104
	3,037777528	0,494573699	12,46371736	174632,1	0,140305792	0,413314466	0,446379741
	2,841908169	0,472997505	12,6181584	179131,2	0,140580526	0,424651664	0,43476781
	3,209941556	0,513952804	12,32874064	170690,3	0,14064304	0,40277966	0,4565773
	3,189628408	0,511672402	12,34398739	171144,2	0,140913784	0,403716939	0,455369277
	2,500532149	0,436445836	12,89273709	187061,3	0,140948126	0,444520488	0,414531386
	3,120983139	0,503944461	12,39706534	172703,7	0,141086216	0,407615265	0,451298519
	2,60785723	0,447821879	12,80488242	184543	0,141206917	0,437905412	0,42088767
	3,21578915	0,514673248	12,32284454	170534,9	0,141391496	0,401696333	0,456912171
	2,774437772	0,465726845	12,67027466	180663,1	0,141422573	0,427821191	0,430756236
	2,433018191	0,429412663	12,94667795	188623,7	0,141497311	0,447980892	0,410521797
	2,68630167	0,456229997	12,74083463	182705,1	0,14151984	0,432948579	0,42553158
	2,439580254	0,430121644	12,94059392	188458	0,14180424	0,447289866	0,410905894
	2,62913832	0,450145927	12,78604837	184020,4	0,141941914	0,435920713	0,422137374
	2,96012396	0,486087294	12,52156415	176360,2	0,141979502	0,416268776	0,441751722
	2,498911429	0,436358185	12,89161266	187059	0,142021831	0,443559572	0,414418596
	3,194202336	0,512286451	12,3381198	171002	0,142201154	0,402178582	0,455620264
	2,53468578	0,440175223	12,86109429	186199,3	0,142649167	0,440821953	0,416528881
	2,325096677	0,418301132	13,03258712	191116	0,142708317	0,453184435	0,404107248
	3,155111783	0,50792114	12,36719751	171871,2	0,142913422	0,403794013	0,453292565
	2,504417414	0,437032108	12,8843318	186884,2	0,143294251	0,441980697	0,414725052
	2,504097513	0,437003272	12,88444995	186889,4	0,143360567	0,441934373	0,41470506
	2,750757366	0,463312253	12,68519579	181145,3	0,143400161	0,427277793	0,429322046
	2,707371347	0,45867034	12,71898379	182135	0,143900377	0,429356528	0,426743095
	2,591293578	0,446267867	12,81235616	184831,6	0,143986559	0,436150713	0,419862728
	2,415158934	0,427753859	12,95513317	188941,4	0,144264967	0,446314771	0,409420262
	2,47435448	0,433946677	12,90666354	187552,2	0,144314633	0,442757822	0,412927545
	2,980408984	0,488507637	12,50104973	175819,9	0,144445564	0,412639033	0,442915403
	2,91240325	0,481025449	12,55412274	177372,9	0,144743881	0,416375536	0,438880583
	2,958367286	0,486099755	12,51762935	176313	0,144883768	0,413513901	0,441602331
	3,174602482	0,510273692	12,34837668	171366,7	0,145175834	0,400411818	0,454412348
	2,618827286	0,449291722	12,787408	184145,9	0,145347834	0,433178957	0,42147321
	2,860472445	0,47537599	12,59407679	178549,4	0,145391296	0,41881575	0,435792954
	2,469774112	0,433561961	12,9075516	187612,6	0,145702082	0,441663451	0,412634468
	2,299790737	0,415909395	13,04668775	191601	0,145767939	0,451672208	0,402559853
	2,369419594	0,423105576	12,9893558	189961,7	0,145814552	0,447499962	0,406685485
	2,934558277	0,483549042	12,53442159	176827,3	0,146039241	0,413787419	0,440173339
	2,911366744	0,481022968	12,55203269	177348,9	0,14644561	0,414761768	0,438792621
	2,3749404	0,423720509	12,98353409	189810,7	0,146450419	0,446546836	0,407002745
	2,63474458	0,451068423	12,772328	183738,7	0,14654582	0,431056357	0,422397823
	2,636416037	0,451248931	12,77092291	183698,8	0,146578435	0,430925196	0,422496368
	2,775572409	0,466221533	12,65926445	180470,6	0,146702318	0,422556534	0,430741148
	2,542461922	0,441297783	12,84599973	185873,3	0,146998908	0,436079207	0,416921885
	2,692846343	0,457338661	12,72425909	182367	0,147336288	0,426834977	0,425828735
	2,594712899	0,446868034	12,80280023	184640,2	0,147529835	0,432460051	0,420010114
	3,059450088	0,497522068	12,43341705	173917	0,148099393	0,404358029	0,447542577
	2,667189687	0,454634495	12,74350939	182940,2	0,148101266	0,427602398	0,424296337
	2,863025993	0,475828266	12,5874726	178415,2	0,148152193	0,415946575	0,435901231
	2,651984061	0,453010829	12,75561855	183291,4	0,148155619	0,42845001	0,42339437
	2,785454062	0,467382551	12,64896029	180202,3	0,148162973	0,420533046	0,431303981
	2,265373109	0,412550142	13,06949588	192320,3	0,148504737	0,451017749	0,400477514
	2,646940665	0,452498513	12,75891471	183396,1	0,148600169	0,428311275	0,423088556
	2,675601601	0,455571988	12,73574984	182728,4	0,14870762	0,42650699	0,42478539
	3,023289112	0,493541125	12,46043758	174723,1	0,148931254	0,405682118	0,445386627
	2,531317335	0,440241295	12,85151273	186075,4	0,148948526	0,434820442	0,416231032
	3,049368594	0,496530853	12,43793377	174092,1	0,150592017	0,402501725	0,446906258
	2,375476572	0,424031247	12,97528398	189669,7	0,150630262	0,442400396	0,406969342
	2,628236773	0,45062919	12,77033573	183771	0,150834275	0,42722044	0,421945285
	2,514767457	0,438614194	12,86145501	186404,4	0,151013688	0,433768265	0,415218047
	2,426631587	0,429410764	12,93186226	188443,9	0,151671869	0,438343472	0,409984659
	2,762476902	0,465101217	12,6616013	180640	0,151937066	0,41817948	0,429883453
	2,462907479	0,433231628	12,90154363	187582,4	0,152219046	0,435655038	0,412125915
	2,680900702	0,456333616	12,726106	182516,8	0,152253325	0,422702538	0,425044137
	2,513603503	0,438566136	12,86021039	186395,6	0,152421604	0,432451282	0,415127114
	2,726305641	0,461230585	12,68943367	181459,6	0,152611331	0,419659318	0,427729351
	2,615361421	0,449358245	12,77780202	184022,5	0,152779346	0,426068721	0,421151933
	2,829224991	0,472387269	12,6076096	179084,5	0,152825179	0,413349578	0,433825243
	2,414711223	0,428241676	12,93933029	188685,9	0,153086772	0,437657059	0,409256169
	2,614025127	0,449232389	12,77840722	184045,8	0,153113433	0,425819035	0,421067532
	2,28196501	0,414514968	13,04757295	191793,8	0,153165958	0,44544594	0,401388102
	2,968063006	0,487630856	12,49820883	175896,6	0,153181808	0,404770665	0,442047527
	2,672233079	0,455479303	12,73094587	182683,1	0,153797436	0,421696167	0,424506397
	2,798926299	0,469167488	12,62955281	179748,4	0,154472223	0,413523784	0,432003993

Table 8j: Sorted MC Simulations results for SPGSCITR for the Recession period – Part 10

SPGSCITR 10							
	2,507095483	0,438009026	12,8617093	186485,3	0,155079422	0,430220587	0,414699991
	2,624120133	0,450401231	12,76765915	183768,1	0,155152347	0,423213662	0,421633991
	2,566894585	0,444342002	12,81297702	185085,8	0,15557262	0,426191254	0,418236126
	2,26823816	0,413226073	13,05505095	192054,1	0,155629805	0,443833995	0,4005362
	2,619974203	0,449980402	12,77038612	183854,4	0,155635361	0,422983877	0,421380762
	2,566954175	0,444357993	12,81265003	185079,8	0,155798574	0,425965291	0,418236134
	2,992232629	0,49040907	12,47668992	175301	0,155834063	0,400727423	0,443438515
	2,472810896	0,434456102	12,88797681	187260,2	0,156155023	0,431193538	0,412651439
	2,854758192	0,475315188	12,58366578	178435,3	0,156269747	0,408445568	0,435284684
	2,840384171	0,473752119	12,59484275	178762,9	0,156386002	0,409182963	0,434431035
	2,727301729	0,461503746	12,68408122	181361,6	0,156401482	0,415869237	0,427729281
	2,771872492	0,466314511	12,64880595	180335,6	0,156407266	0,413222182	0,430370551
	2,269552481	0,413399063	13,05276724	192003,4	0,156480476	0,4429187	0,400600825
	2,664330294	0,454760296	12,73369645	182807,4	0,156776712	0,419231683	0,423991604
	2,513615968	0,438771736	12,85421275	186296,8	0,156867154	0,428074313	0,415058532
	2,718373961	0,460562169	12,69062816	181558,5	0,156904682	0,415902963	0,427192355
	2,676180586	0,45604909	12,72369572	182524,4	0,157316233	0,417998301	0,424685466
	2,427704464	0,429813365	12,9222453	188275	0,15793487	0,432114551	0,409950579
	2,800896295	0,469522549	12,62419789	179640,6	0,158203812	0,409733637	0,432062552
	2,490893116	0,43643606	12,8709401	186799,2	0,158220939	0,428088245	0,413690817
	2,318830628	0,418540399	13,0101656	190809,9	0,158292988	0,43821412	0,403492893
	2,571551	0,444946096	12,80604623	184925,2	0,15837166	0,42315991	0,418468429
	2,830565733	0,472760269	12,60049838	178954,1	0,158650883	0,40753526	0,433813856
	2,703504252	0,459039891	12,70032003	181866,6	0,159066558	0,41465601	0,426277433
	2,824552473	0,472125985	12,60469013	179083,2	0,159302645	0,407250021	0,433447334
	2,720575378	0,460883019	12,68656992	181469,8	0,159338711	0,413376428	0,427284861
	2,454451022	0,432661234	12,89900701	187625,3	0,15940844	0,429078899	0,411512661
	2,877983051	0,477968194	12,5624098	177853,4	0,159910214	0,403485513	0,436604273
	2,819460165	0,471593733	12,60811802	179190,5	0,160046225	0,406819817	0,433133958
	2,912239295	0,481726388	12,53551543	177068,5	0,160174445	0,401195302	0,438630253
	2,419381682	0,429039083	12,92616726	188422,7	0,160505121	0,430077604	0,409417274
	2,875521331	0,477721728	12,56373796	177899,9	0,160793433	0,402761953	0,436444614
	2,315891262	0,418342049	13,00930793	190825,2	0,161165764	0,435560332	0,403273903
	2,560565077	0,443892031	12,81170634	185128,2	0,161735406	0,420499666	0,417764928
	2,720695841	0,460980279	12,68415458	181428,8	0,162417276	0,410338728	0,427243995
	2,738358171	0,462891293	12,66994547	181018,5	0,162892862	0,40882385	0,428283288
	2,538776867	0,44163322	12,82789854	185612,4	0,163306776	0,420244017	0,416449208
	2,284121428	0,415147851	13,03287657	191530,5	0,163497835	0,435147376	0,401354789
	2,475069894	0,43495694	12,87833036	187079	0,164048479	0,423289293	0,412662227
	2,43396275	0,430666185	12,91118787	188030,5	0,164234609	0,425542165	0,410223225
	2,470389325	0,434483024	12,88160478	187179,7	0,164737671	0,422888229	0,4123741
	2,809824705	0,470653335	12,61283737	179364,5	0,165075756	0,402439731	0,432484513
	2,493803799	0,436953039	12,86237322	186629,2	0,165517519	0,420732948	0,413749532
	2,647806561	0,453242833	12,73987235	183074,2	0,165698633	0,411428118	0,42287325
	2,396287161	0,426788871	12,94020723	188884,6	0,166107547	0,425931171	0,407961282
	2,807435795	0,470410765	12,61426292	179411,8	0,166372504	0,401304775	0,43232272
	2,7242841	0,461438783	12,67932734	181313,5	0,166432528	0,406173439	0,427394033
	2,679016795	0,456587601	12,71490082	182351,3	0,166511165	0,408778668	0,424710167
	2,344796461	0,421466948	12,98143486	190077,6	0,166514011	0,428582497	0,404903492
	2,793819816	0,468938988	12,6248174	179721,6	0,166625983	0,401862163	0,431511855
	2,551111585	0,443004609	12,81603112	185293,8	0,166751764	0,416121765	0,417126472
	2,479847183	0,435515316	12,87278827	186940,1	0,166850268	0,420248081	0,412901651
	2,776752782	0,467102654	12,63791162	180107,6	0,167530761	0,401982922	0,430486317
	2,615942744	0,449882413	12,76420648	183793,1	0,167807843	0,411240116	0,420952041
	2,589560694	0,447091631	12,78487355	184396,8	0,168421915	0,412199078	0,419379007
	2,514390093	0,439166655	12,84441636	186127,9	0,168763558	0,416317537	0,414918905
	2,668483496	0,455488733	12,72245029	182580,9	0,168983248	0,406969359	0,424047392
	2,626614862	0,451029391	12,75540852	183541,7	0,169076953	0,409358343	0,421564704
	2,46554138	0,434052262	12,88321971	187254,7	0,169114455	0,418866994	0,412018552
	2,73632926	0,462759028	12,66918239	181026,2	0,16927607	0,402660415	0,428063515
	2,277264907	0,414581324	13,03414762	191620	0,169846927	0,42930362	0,400849453
	2,374565372	0,424608299	12,95550431	189353,4	0,170596099	0,422799891	0,40660401
	2,41838109	0,429157093	12,9202813	188335,9	0,171049819	0,41975663	0,409193551
	2,349900187	0,422064466	12,9751493	189923,2	0,171073028	0,423792111	0,40513486
	2,507891622	0,438508461	12,84887611	186266,3	0,171495034	0,414013767	0,414491199
	2,294373561	0,41635622	13,01967539	191210,9	0,171542668	0,426620424	0,401836908
	2,279413168	0,414827657	13,03158637	191556,4	0,172018979	0,427038127	0,400942895
	2,402792269	0,427547059	12,93247473	188692,4	0,172211537	0,419536855	0,408251608
	2,636309499	0,452074135	12,74737555	183312,6	0,17249189	0,40542213	0,42208598
	2,395538588	0,42679884	12,93815106	188858,3	0,172908621	0,41928051	0,407810869
	2,534577853	0,441317375	12,82756457	185648,9	0,173618721	0,410341711	0,416039568
	2,369006052	0,424056645	12,95924823	189470,6	0,173816599	0,419959066	0,406224335
	2,572290856	0,445283564	12,79800242	184785,5	0,175625118	0,406131645	0,418243237
	2,452194339	0,432690193	12,89292826	187547,9	0,175665008	0,41320956	0,411125432
	2,528187551	0,440637652	12,83284983	185799,7	0,176159271	0,408219479	0,415621249
	2,49056948	0,436690809	12,86269058	186666,7	0,176834355	0,409784252	0,413381393
	2,559600867	0,443914227	12,80889368	185091,5	0,178826457	0,403732262	0,417441281
	2,598677786	0,44803233	12,7783793	184198,9	0,179093727	0,401153376	0,419752898
	2,320272449	0,419026519	12,99851315	190603,8	0,179181329	0,41756605	0,403252621
	2,354414167	0,422536282	12,97134394	189815,5	0,179418212	0,415309548	0,40527224
	2,41864547	0,42917587	12,92033204	188334,1	0,179498927	0,411423604	0,409077469
	2,519007042	0,439639952	12,84109028	186027,1	0,179552784	0,40542294	0,415024276
	2,42049557	0,429360495	12,91908525	188295,1	0,180125423	0,410697236	0,409177341
	2,411237049	0,428388239	12,92679354	188514,5	0,181061333	0,4103246	0,408614067
	2,314154419	0,418380607	13,00395763	190754,5	0,181115462	0,416024644	0,402859894
	2,544903365	0,44231731	12,82190976	185452,6	0,181836938	0,40163973	0,416523332
	2,308365008	0,417772379	13,00903207	190895,9	0,182282785	0,415218617	0,402498598
	2,541251412	0,44191784	12,82523621	185543,8	0,182588651	0,401116162	0,416295188
	2,461039051	0,43349832	12,88929638	187399,7	0,184259525	0,404224902	0,411515573
	2,472052756	0,434643719	12,88066936	187147,6	0,184301602	0,403530786	0,412167613
	2,499595814	0,437508039	12,85929534	186520,6	0,184628321	0,401576899	0,41379478
	2,380446288	0,425134274	12,95330888	189258,5	0,184950831	0,40832048	0,406728689
	2,412771011	0,428456831	12,92830429	188524	0,18565805	0,405708654	0,408633295
	2,31815675	0,418671586	13,00447943	190723,1	0,187501551	0,409500949	0,402997501
	2,276261254	0,41438179	13,0380018	191693,4	0,187879329	0,411611881	0,400508791
	2,393475968	0,426399591	12,94542809	188998,6	0,187988345	0,404558163	0,407453492
	2,414743505	0,428481443	12,93216512	188567,8	0,191333368	0,400004939	0,408661693
	2,33381478	0,420108426	12,99727336	190448	0,192699777	0,403455851	0,403844372
	2,290185344	0,415598158	13,03334607	191477,6	0,19412611	0,404637335	0,401236555
	2,330722868	0,419690598	13,00284581	190570,6	0,195186951	0,401190693	0,403622356
	2,342266258	0,420863169	12,99404635	190310,4	0,195373035	0,400323424	0,404303541

Table 9a: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 1

SPGSAGTR 1	Mean Return	Sharpe Ratio	Standard Deviation	VaR	Commodity Weight	Stock Weight	Bond Weight
	3,814014023	0,545310397	12,72754625	171209,4	0,004434303	0,499530844	0,496034853
	3,807582532	0,544749073	12,72885472	171295,2	0,004704703	0,499552204	0,495743093
	3,801009736	0,544466145	12,72339718	171271,2	0,005467731	0,498926466	0,495605803
	3,821407132	0,548103134	12,67618442	170290,6	0,00770362	0,494742684	0,497553696
	3,747866679	0,540305245	12,72302279	171796,4	0,008522101	0,498011813	0,493466086
	3,793796581	0,54556012	12,68466224	170706,2	0,008666628	0,495097605	0,496235768
	3,726927724	0,539060246	12,71356411	171850,2	0,010407367	0,496744239	0,492848394
	3,679919589	0,534649749	12,73051915	172599,2	0,011886448	0,497562035	0,490551517
	3,728048748	0,540292719	12,68663778	171396,1	0,012300952	0,494158273	0,493540775
	3,615003561	0,528554741	12,75450263	173642,9	0,013904197	0,498724363	0,487371441
	3,767427932	0,546414047	12,61658121	169850	0,015157458	0,488023818	0,496818723
	3,750773229	0,544801571	12,62335292	170127,9	0,015626291	0,488387001	0,495986707
	3,74879344	0,544893564	12,6175884	170052,9	0,016167307	0,487784473	0,49604822
	3,644508384	0,533254525	12,69742185	172408,9	0,016366072	0,493700165	0,489933763
	3,632342564	0,531901171	12,70685647	172685,8	0,016383281	0,494398241	0,489218478
	3,686971019	0,53923877	12,63525673	170961,8	0,018474235	0,488378695	0,49314707
	3,577995437	0,527173391	12,71772215	173408	0,018772733	0,494439657	0,48678761
	3,781829439	0,550831542	12,54154524	168471,8	0,019893662	0,480868543	0,499237796
	3,656986983	0,537337516	12,62416276	171079,1	0,021067665	0,486704896	0,492227438
	3,761585971	0,549353639	12,53843563	168623,1	0,021318994	0,480171723	0,498509283
	3,471104998	0,516774799	12,76678794	175283,9	0,021466096	0,497190533	0,48134337
	3,745368074	0,548034777	12,53901692	168794,8	0,022233391	0,47991617	0,49785044
	3,424835096	0,512153192	12,79164998	176155,6	0,022376987	0,498720593	0,47890242
	3,719146233	0,54530845	12,5536208	169297,2	0,022685038	0,480869189	0,496445773
	3,517909104	0,522772922	12,70983653	173879,1	0,022921142	0,492480791	0,484598067
	3,533549207	0,524522821	12,69725209	173515,7	0,022929743	0,491542481	0,485527776
	3,75205017	0,549845357	12,50988001	168248,7	0,024041012	0,477115022	0,498843966
	3,484728409	0,520241179	12,70790924	174179,2	0,025050551	0,491613842	0,483335607
	3,561249861	0,529073982	12,64038559	172303,3	0,02554916	0,486415583	0,488035257
	3,466989358	0,518899052	12,70659217	174334,9	0,026216004	0,491114391	0,482669606
	3,718832963	0,547427248	12,50446021	168491,7	0,026434581	0,475898755	0,497666663
	3,438140457	0,515842938	12,7259467	174941,8	0,026495418	0,492452262	0,48105232
	3,513606082	0,524356442	12,66324741	173155,8	0,026683171	0,487730186	0,485586643
	3,499305265	0,522817977	12,67315745	173461,8	0,02679468	0,488429314	0,484776006
	3,672419562	0,542478848	12,53296577	169424,7	0,02703936	0,47784462	0,49511602
	3,572803486	0,531278146	12,60969007	171682,9	0,027181485	0,483558981	0,489259534
	3,351967439	0,506701251	12,78547607	176782,7	0,027219334	0,496595849	0,476184817
	3,634481656	0,538607876	12,55260317	170127,1	0,027819683	0,479054636	0,493125682
	3,651839066	0,541580328	12,51575804	169347,5	0,029598122	0,475659674	0,494742203
	3,709981245	0,548268831	12,46912123	167999	0,029680395	0,472104572	0,498215033
	3,42516483	0,516435085	12,68622969	174418,3	0,030293004	0,488168303	0,481538693
	3,425066152	0,516723857	12,678949	174299,5	0,03085491	0,4874265	0,481718589
	3,371657561	0,510828987	12,72070888	175520,5	0,030927387	0,490495176	0,478577437
	3,515293294	0,527128679	12,59985053	172096,2	0,031417442	0,481330958	0,487251599
	3,421831845	0,51675892	12,67182986	174214,7	0,031597112	0,486630627	0,481772261
	3,683459773	0,546784984	12,45445512	168023	0,032425131	0,470024253	0,497550617
	3,296372566	0,50334817	12,76019705	176922,8	0,032526463	0,49282906	0,474644477
	3,526913539	0,529541824	12,56437642	171396,5	0,033446158	0,477942986	0,488610856
	3,375572168	0,513211139	12,66929133	174635,6	0,034632622	0,485333144	0,480034234
	3,157248022	0,489315375	12,84181454	179656,6	0,034876892	0,497946495	0,467176613
	3,258619433	0,50055994	12,75585238	177228,9	0,035188486	0,491524409	0,473287106
	3,317578586	0,507219432	12,7046155	175796,5	0,035487699	0,487632238	0,476880063
	3,609647428	0,540118003	12,47152781	169041,9	0,035606824	0,470165096	0,494228081
	3,287344545	0,503948296	12,72708703	176468,5	0,035625353	0,489240816	0,47513383
	3,386420416	0,515078636	12,64441822	174118	0,035888188	0,483019645	0,481092167
	3,369066667	0,513191411	12,6571018	174500,1	0,035978072	0,483928471	0,480093458
	3,512121044	0,529277313	12,5427071	171188	0,036042213	0,475365411	0,488592376
	3,476080241	0,525284824	12,56942751	171987,9	0,036180932	0,477316694	0,486502375
	3,134008201	0,487441695	12,84350014	179916,7	0,036191873	0,497574075	0,466234052
	3,610653031	0,540866513	12,45612761	168778,5	0,03675538	0,468577277	0,494667344
	3,346729154	0,51119655	12,66279755	174817,2	0,036920748	0,483997952	0,4790813
	3,14121665	0,488807283	12,82236607	179497	0,037367727	0,49558234	0,467049933
	3,40257387	0,517731527	12,61082781	173403,9	0,037502253	0,479914743	0,482583004
	3,124658953	0,487490127	12,8230458	179673,7	0,038350736	0,495255632	0,466393633
	3,606684032	0,541333423	12,43805208	168520,9	0,038428779	0,466585927	0,494985294
	3,619823972	0,542929076	12,42569893	168186,3	0,03859367	0,465587828	0,495818502
	3,220359769	0,498092426	12,74223158	177387,5	0,038622849	0,489222128	0,472155023
	3,123379348	0,48753287	12,81929692	179624,9	0,038720765	0,494839117	0,466440118
	3,150610122	0,490641044	12,79358805	178929,7	0,039004641	0,492847647	0,468147712
	3,614319914	0,542743333	12,41981022	168144,5	0,039403123	0,464836984	0,495759894
	3,229070248	0,499476368	12,72436481	177006,5	0,039468123	0,487581236	0,47295064
	3,267772078	0,503894703	12,68959827	176047,6	0,039757007	0,484903304	0,475339689
	3,494719141	0,529549123	12,50340737	170715,6	0,040215683	0,470843626	0,488940691
	3,603736798	0,541984598	12,41767035	168215,1	0,040232066	0,464361202	0,495406732
	3,052601889	0,480742146	12,8531505	180889,5	0,040549187	0,496600716	0,462850097
	3,104663405	0,486545556	12,80684327	179607,2	0,040864238	0,493096242	0,46603952
	3,248809789	0,502538074	12,68612148	176180	0,041220581	0,484079676	0,474699744
	3,588651126	0,5408241	12,41642227	168345,5	0,041273157	0,463869977	0,494856866
	3,074438489	0,483462921	12,82598416	180224,3	0,04128195	0,494331646	0,464386405
	3,088106646	0,484988373	12,81382453	179887,6	0,041365589	0,493410354	0,465224057
	3,10937655	0,487467812	12,79228222	179320,6	0,041702207	0,491701962	0,466595832
	3,426166165	0,52266139	12,53701835	171953,9	0,041842638	0,472741462	0,4854159
	3,154776744	0,492549807	12,75246874	178211,7	0,041947396	0,488685208	0,469367397
	3,430565002	0,523216459	12,5321254	171829,5	0,041955075	0,472331174	0,485713752
	3,040303177	0,480162937	12,84304133	180846,2	0,042112968	0,495248859	0,462638174
	3,507717811	0,532297617	12,46326654	169925,3	0,0425982	0,466903211	0,490498589
	3,647947685	0,548441805	12,35207982	166694,2	0,04273103	0,458416142	0,498852828
	3,51322308	0,53310833	12,45464003	169728,4	0,042942892	0,466118323	0,490938785
	3,110088999	0,488259437	12,77300098	178996,3	0,043167023	0,489710713	0,467122265
	3,417721275	0,522548588	12,52356374	171817,1	0,043446226	0,471108252	0,485445522
	3,641382743	0,548109944	12,34758115	166685,8	0,043506553	0,457773314	0,498720133
	3,073336189	0,48460128	12,79358046	179702,3	0,043886221	0,490931827	0,465181952
	3,405391989	0,52142998	12,52678501	171993,4	0,043967692	0,47114507	0,484887238
	3,270204513	0,506701684	12,62410209	174946	0,044771406	0,478087185	0,477141409
	2,935740915	0,470168355	12,89365845	182724,4	0,044815179	0,497849989	0,457334832
	2,999271443	0,477227384	12,83606288	181141,7	0,045271576	0,493477766	0,461250658
	3,268195506	0,506833078	12,61686551	174847	0,045476121	0,477268576	0,477255303
	3,357154935	0,516848904	12,54448672	172766,9	0,04560826	0,471820826	0,482570913
	2,927437454	0,469666768	12,88974895	182743,1	0,045653309	0,497226887	0,457119805

Table 9b: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 2

SPGSAGTR 2							
	3,64208416	0,549545874	12,31659403	166169,1	0,045981453	0,454438739	0,499579807
	3,027359786	0,480729258	12,80098716	180283,9	0,046238777	0,490526268	0,463234955
	3,438197986	0,526493151	12,46862803	170708,7	0,046564188	0,465746117	0,487689695
	3,083521468	0,48708672	12,74920972	178870,6	0,046740285	0,486530716	0,466728998
	3,018952238	0,480085866	12,80062995	180362,1	0,046806397	0,490269265	0,462924338
	3,262228181	0,507064245	12,59934518	174618,5	0,047259915	0,475248765	0,47749132
	3,207965544	0,50104919	12,64230127	175867,7	0,047289474	0,478425159	0,474285368
	2,854776406	0,462663399	12,92781252	184095,8	0,047334407	0,499296135	0,453369458
	3,179387983	0,497926862	12,66418372	176513,4	0,047369694	0,480011989	0,472618317
	3,635277518	0,549614978	12,30266105	166008	0,04755464	0,452748893	0,499696466
	2,881448613	0,465667331	12,90169503	183399,5	0,047671106	0,497267483	0,455061411
	3,401562262	0,523019444	12,48139359	171285	0,047867392	0,466183237	0,485949371
	3,369276494	0,519528093	12,50312709	171965,4	0,048170783	0,467692881	0,484136335
	2,845286837	0,462165096	12,92121834	184082,3	0,048466954	0,498351584	0,453181462
	3,302478968	0,512483696	12,54464929	173316,3	0,049091007	0,470427035	0,480481958
	3,406645768	0,524300602	12,46059038	170892	0,049234133	0,464063444	0,486702423
	3,045717088	0,484193374	12,74731687	179217,5	0,049324779	0,485332258	0,465342962
	3,134976022	0,493986261	12,67530251	177140,4	0,049334966	0,480029024	0,47063601
	3,330482236	0,51581322	12,51796438	172597,4	0,049456188	0,468281604	0,482262208
	3,028746958	0,482700298	12,75158987	179457,5	0,05008074	0,485332092	0,464587167
	3,347777918	0,518080091	12,49657591	172072,6	0,050084415	0,466420729	0,483494856
	3,58326135	0,544966945	12,31214238	166684,1	0,050094968	0,452451423	0,497453609
	3,141775093	0,495153338	12,65915806	176806,9	0,050195686	0,478480855	0,471323459
	3,239670011	0,506066264	12,57961603	174519,6	0,050302936	0,472536685	0,477160379
	3,427033927	0,527284195	12,42874954	170164,4	0,050528657	0,461132753	0,48833859
	3,473973502	0,53270351	12,39042479	169064,6	0,050656871	0,458180414	0,491162715
	3,26592915	0,509245814	12,55263814	173813,2	0,050798528	0,470321095	0,478880377
	3,337476087	0,517308156	12,49530919	172154,8	0,050852348	0,466009456	0,483138196
	2,809495587	0,459626912	12,91470255	184333	0,051308663	0,496691583	0,451999754
	3,542937752	0,540996026	12,32797784	167347,8	0,051375702	0,453136992	0,495487306
	3,427268831	0,527768914	12,41777969	169981,6	0,051415511	0,459938818	0,488645671
	3,598608614	0,547483364	12,28358398	166060,9	0,051478611	0,449700888	0,498820501
	3,244679105	0,507261039	12,55986147	174144,5	0,051585695	0,470533046	0,47788126
	2,821043447	0,460983148	12,90175736	184004,6	0,051586174	0,495637986	0,45277584
	3,308547188	0,514530462	12,50654128	172628,8	0,051804479	0,466456977	0,481738544
	3,224484207	0,505277975	12,56918724	174499,9	0,052135237	0,47099864	0,476866123
	3,121369697	0,494048098	12,64617552	176797,4	0,052571559	0,476528878	0,470899563
	3,384792807	0,523553697	12,43662706	170716,4	0,052610592	0,460865911	0,486523497
	3,513666697	0,538298811	12,3353718	167762,1	0,052651768	0,453173775	0,494174457
	2,74118385	0,453049074	12,95142945	185620,2	0,052851245	0,498687386	0,448461369
	3,560327278	0,54378966	12,2966232	166658,2	0,052862289	0,450128455	0,497009256
	3,52416071	0,539660537	12,32369153	167465,1	0,052945091	0,452161592	0,494893317
	3,199914132	0,503061725	12,57572002	174853	0,05319998	0,47103801	0,47576201
	2,72314274	0,451344648	12,96036641	185947,6	0,053322488	0,499129524	0,447547988
	2,822070915	0,461932022	12,87747958	183595	0,053460823	0,49308276	0,453456417
	3,01851897	0,48317974	12,71776884	179003,5	0,053473291	0,481424228	0,465102481
	3,549888009	0,543113207	12,29271761	166698,3	0,053865608	0,449412132	0,496722261
	3,259913994	0,510158804	12,51838293	173309,9	0,053994415	0,466425241	0,479580343
	3,154289332	0,498589616	12,59701046	175659,5	0,054436088	0,472097118	0,473466794
	2,962974526	0,47758281	12,75050875	180097,5	0,054457933	0,483405787	0,46213628
	3,137215817	0,49682979	12,60726553	175998,9	0,054713342	0,472740028	0,47254663
	2,808913287	0,461095432	12,87230832	183641,5	0,054741782	0,492158114	0,453100103
	3,292881774	0,514269405	12,48242843	172388,9	0,054810052	0,463386244	0,481803704
	3,148529499	0,498192298	12,59549536	175692,2	0,054937835	0,471770852	0,473291312
	3,453282214	0,532726612	12,35104713	168623,8	0,055268918	0,453270013	0,49146107
	2,850448114	0,465859093	12,82983947	182527,6	0,055433895	0,488775771	0,455790334
	2,679922562	0,44769259	12,96955091	186530,9	0,055436106	0,498878546	0,445685347
	2,801721133	0,4606461	12,86925126	183663,1	0,055462679	0,491625139	0,452912182
	3,308869664	0,516485607	12,4598224	171857,1	0,055639134	0,461335621	0,483025245
	3,199367469	0,50423495	12,54537541	174359,4	0,055731318	0,467702306	0,476566377
	2,836933448	0,464560753	12,83660465	182774	0,055778071	0,489118732	0,455103197
	3,11858382	0,495408048	12,60583697	176161,7	0,056054493	0,472059718	0,47188579
	3,237996343	0,50878648	12,50906984	173375,9	0,056199947	0,464789533	0,47901052
	3,02462032	0,485192651	12,67758194	178281,5	0,056349906	0,477235135	0,466414959
	3,44665434	0,532551156	12,34267082	168552,3	0,056405656	0,452150295	0,491444049
	3,035006902	0,486407408	12,66727454	178008,1	0,056510428	0,476406019	0,467083553
	3,126846382	0,496573574	12,59288852	175866,1	0,056578012	0,470873486	0,472548503
	3,221024823	0,507080995	12,51767302	173687,2	0,056602119	0,465260188	0,478137693
	2,914960299	0,473401606	12,76170061	180761,7	0,056711523	0,483252674	0,460035803
	3,167423109	0,501207626	12,55741545	174876,9	0,056836978	0,468124249	0,475038773
	3,186029373	0,503297283	12,54224661	174441,3	0,056867891	0,466980469	0,47615164
	3,141811533	0,49839414	12,57691513	175453,7	0,056911478	0,469542921	0,473545602
	3,24652112	0,510094247	12,49371157	173038,1	0,056915654	0,463332045	0,479752302
	3,227570643	0,507995689	12,50801938	173462,9	0,056973305	0,464378383	0,478648312
	3,114120532	0,495479815	12,5950031	176028,2	0,057242978	0,470742868	0,472014154
	3,036478916	0,486981617	12,65536105	177797,4	0,05739307	0,475144375	0,467462555
	3,446028077	0,533230099	12,32578087	168280,8	0,057871698	0,450236749	0,491891553
	2,713098951	0,452278629	12,91139543	185242,6	0,057926648	0,493598622	0,44847473
	2,833075213	0,465281093	12,80843897	182349,3	0,058325821	0,485957441	0,455716738
	3,132036581	0,498011695	12,56694554	175387,5	0,058384772	0,468161897	0,473453331
	2,624724721	0,443188723	12,97680579	187202,2	0,058518868	0,498047887	0,443433245
	3,191582638	0,504782039	12,51635641	173959,9	0,058656182	0,464271939	0,477071879
	2,593997009	0,440030847	13,00010288	187892,7	0,058686945	0,499645242	0,441667813
	3,316181677	0,518851954	12,4170891	171081,1	0,058733621	0,45678489	0,484481489
	3,400831983	0,528557884	12,34922693	169118,4	0,058868179	0,45158929	0,489542532
	3,555400873	0,546388761	12,22911346	165597	0,058890793	0,442399109	0,498710098
	2,74416554	0,45608895	12,87164447	184278,1	0,059089388	0,490210451	0,450700162
	2,729445259	0,454521707	12,88364106	184622,6	0,059093789	0,49107695	0,44982926
	3,310888534	0,518500864	12,41528849	171104,4	0,059235841	0,456430339	0,484333821
	3,337406051	0,521615121	12,39200142	170456,2	0,059445528	0,454579851	0,485974621
	2,639533768	0,445155998	12,95272458	186658	0,059481614	0,495889278	0,444629108
	2,62455917	0,443589739	12,96470125	187004,8	0,059511091	0,496737484	0,443751425
	2,678761252	0,449341711	12,91936712	185717,1	0,059570335	0,493446522	0,446983143
	3,406928408	0,529634769	12,33562835	168833,7	0,059618779	0,450229282	0,490151939
	3,200309705	0,506331652	12,49528635	173526,1	0,05984199	0,462176963	0,477981047
	3,450236782	0,53478181	12,29788659	167779,9	0,059964413	0,447202846	0,492832741
	3,432666423	0,53276439	12,31147541	168179,1	0,059969588	0,448237219	0,491793194
	3,000124242	0,484214933	12,65259103	178115,4	0,060037639	0,473780071	0,466182291
	3,423136627	0,531753532	12,31695797	168364,6	0,060134007	0,448583206	0,491282788
	2,912062415	0,474658434	12,72180426	180134,4	0,060181836	0,478806944	0,46101122

Table 9c: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 3

SPGSAGTR 3							
	2,693630675	0,451278476	12,89687024	185198,3	0,060410287	0,49144772	0,448141993
	3,506743029	0,541540934	12,24873669	166406,4	0,060426238	0,443239675	0,496334087
	3,413513042	0,53080155	12,3209179	168525,9	0,060434935	0,448753117	0,490811949
	3,158515846	0,502157418	12,51592608	174283,5	0,060891343	0,463257531	0,475851126
	3,230877115	0,51029956	12,45802836	172607,6	0,060945673	0,458896953	0,480157373
	2,865777782	0,470003569	12,74932244	181049,9	0,0610036	0,480456465	0,458539935
	2,889589682	0,47258585	12,73004461	180494,7	0,061003677	0,479045218	0,459951106
	3,002529999	0,4849712	12,63761472	177845	0,061123551	0,472192626	0,466683822
	3,127884755	0,49900249	12,53367297	174881,7	0,061444785	0,464336408	0,474218808
	3,53907481	0,545823352	12,21187048	165476,6	0,061454638	0,439955272	0,498590089
	2,991335746	0,483930923	12,64185595	178026,7	0,06151938	0,472329348	0,466151272
	3,067671805	0,492410718	12,57917598	176232,3	0,061651272	0,467630016	0,470718713
	2,9629509	0,481062791	12,65822318	178579,7	0,062056878	0,473296321	0,4646468
	3,262760329	0,51449077	12,4185116	171638,7	0,062167474	0,455381803	0,482450723
	3,311895469	0,520198617	12,37670483	170459,7	0,06244516	0,452100468	0,485454372
	2,690961011	0,451956634	12,87161167	184809,6	0,062663862	0,48860741	0,448728729
	2,581185153	0,440348052	12,9616434	187388,2	0,062678324	0,495093725	0,442227951
	2,976981406	0,48289102	12,63935429	178129,1	0,062692595	0,471618982	0,465688423
	2,614696191	0,443919308	12,93285821	186579,6	0,062775151	0,492978953	0,444245896
	3,327521252	0,5221544	12,36027221	170033,2	0,06280526	0,450695315	0,486499425
	2,687837204	0,45176811	12,8700684	184815,4	0,063002166	0,488342098	0,448655435
	2,562519656	0,438656939	12,96906175	187696,9	0,063332905	0,495328922	0,441338172
	3,505560425	0,542900401	12,21588653	165877,8	0,063342617	0,439429336	0,497228047
	3,436389624	0,535037378	12,26613162	167396	0,063617943	0,443162212	0,493219845
	3,052267148	0,491691285	12,56625166	176173,8	0,063775361	0,465716698	0,470507941
	3,526996455	0,545662705	12,19333055	165292,5	0,063870787	0,437456228	0,498672985
	3,389883315	0,529932814	12,29652593	168361	0,064109355	0,445264424	0,490626221
	3,088389483	0,496477136	12,51787504	175016,8	0,065442307	0,461358034	0,473199659
	3,165421916	0,505102186	12,45663028	173239,1	0,065462842	0,456765601	0,477771558
	2,481202326	0,431056722	13,00908051	189168,3	0,065570492	0,497170719	0,437258789
	3,368246713	0,528200565	12,2958899	168566,9	0,065622598	0,444533192	0,489844209
	2,93863171	0,480023571	12,63496492	178440,4	0,065654678	0,469950435	0,464394887
	2,563525384	0,439944042	12,9334054	187100,3	0,066207109	0,491445016	0,442347875
	3,282651757	0,518720074	12,35560634	170405,1	0,066230645	0,448796694	0,484972661
	2,760545694	0,461011045	12,76974822	182438,2	0,066417111	0,479489739	0,45409315
	3,468727418	0,540442182	12,20329743	166039,1	0,066924616	0,436846071	0,496229313
	3,323140656	0,523679848	12,31590247	169347,2	0,066935309	0,445459634	0,487605057
	2,527538969	0,436675397	12,94780582	187697,1	0,06747408	0,491891866	0,440634054
	3,382338593	0,530748365	12,26341576	167891,9	0,067503963	0,441194805	0,491301232
	2,741564813	0,459476519	12,77108588	182650	0,067601913	0,479038135	0,453359951
	2,897420584	0,476538296	12,64089353	178950	0,067961354	0,469323522	0,462715123
	2,478733059	0,43176928	12,9818924	188745,8	0,067990188	0,494097498	0,437912314
	3,197069154	0,50993152	12,40072084	172003	0,06813675	0,451332316	0,480530934
	3,18899663	0,509207635	12,40249648	172112,9	0,068533813	0,451282395	0,480183792
	2,761370974	0,462017622	12,74371358	182001,7	0,06855605	0,476594841	0,454849109
	3,260377967	0,517320512	12,34597718	170469,5	0,068584314	0,446984986	0,4844307
	3,235304172	0,514531274	12,36417252	171019,5	0,068708127	0,448306173	0,4829857
	3,073185376	0,496381011	12,48966924	174704,9	0,06890065	0,457657525	0,473441825
	3,422601264	0,536182473	12,21421972	166680	0,069098086	0,436687672	0,494214242
	3,260194526	0,517711903	12,33628927	170312	0,069445285	0,445850281	0,484704433
	3,481000549	0,5431582	12,1648717	165284,3	0,069493243	0,432701021	0,497805736
	2,630131569	0,448603801	12,83221594	184769,9	0,070106509	0,482309395	0,447584096
	2,557650905	0,440946849	12,89066967	186456,1	0,070183275	0,486502616	0,443314109
	3,192236674	0,510422639	12,3793215	171699,4	0,07033536	0,448693314	0,480971327
	3,229615377	0,514666595	12,34986828	170841,1	0,070351168	0,446457136	0,483191696
	3,505218084	0,546516583	12,13443025	164541,4	0,070557354	0,429849973	0,499592674
	2,575925292	0,443056573	12,87053372	185942,2	0,070617187	0,484842289	0,444540524
	2,894849721	0,477476446	12,6106723	178478,6	0,070726511	0,465796666	0,463476823
	3,319478035	0,52512678	12,27499254	168710,9	0,070780856	0,440559951	0,488659193
	2,534111934	0,438714991	12,90259354	186887,7	0,070807777	0,487066649	0,442125574
	2,339243981	0,418444076	13,0619444	191457,4	0,070958678	0,498414168	0,430627154
	3,028738732	0,492499735	12,49785038	175284	0,071248754	0,457167233	0,471584013
	2,352506778	0,419956488	13,04648506	191070,5	0,071328761	0,497135767	0,431535472
	2,490133461	0,434404726	12,92937759	187768	0,071600431	0,488618234	0,439781335
	3,331590061	0,527004533	12,25423869	168248,4	0,071790446	0,438498844	0,48971071
	3,434756456	0,538929245	12,17452158	165905,5	0,071804084	0,432366832	0,495829084
	2,71583046	0,458595403	12,73950783	182388	0,072059117	0,474632625	0,453308258
	2,917402242	0,480556551	12,57677477	177695,5	0,072095836	0,462638182	0,465265981
	3,213485577	0,513724079	12,34112844	170858,6	0,072234301	0,444907399	0,4828583
	3,416876415	0,537213874	12,180113	166176,3	0,072535762	0,432452899	0,495011339
	2,360655803	0,421264981	13,02530551	190640,7	0,072537008	0,495045191	0,432417801
	3,180333831	0,51017359	12,36203368	171534	0,072679606	0,446279538	0,481040856
	2,406920254	0,426145027	12,98470983	189510,3	0,072727284	0,492050284	0,435222432
	2,955498337	0,485039005	12,53908974	176694,7	0,07272913	0,459537887	0,467732982
	2,424441803	0,427999804	12,96937762	189082,9	0,072798555	0,490917087	0,436284357
	2,358021201	0,421129822	13,02322987	190632,9	0,072895448	0,494724397	0,432380155
	2,302233685	0,415380003	13,06919668	191946,8	0,072929605	0,497985039	0,429085356
	2,454649038	0,431225052	12,94242595	188337,5	0,072968965	0,4889002	0,438130835
	3,257005956	0,519070791	12,29785097	169711,6	0,073063651	0,441224784	0,485711565
	2,95488242	0,485133338	12,53538196	176639,9	0,073095425	0,459087011	0,467817565
	3,012574941	0,491576429	12,488443	175290,9	0,073190795	0,455541129	0,471268076
	3,462970251	0,542995785	12,13530511	164978,3	0,073390557	0,42858392	0,498025523
	3,218996159	0,514960193	12,32220572	170492,3	0,073532327	0,442853725	0,483613947
	2,424379384	0,428400842	12,9570909	188881,4	0,07384247	0,489531794	0,436625736
	2,733562162	0,461355388	12,7017297	181589,2	0,074074147	0,470900684	0,455025169
	3,169365111	0,509637428	12,35351652	171503,6	0,074197603	0,44490978	0,480892617
	3,430818463	0,539688274	12,1501023	165543,2	0,074280361	0,429305366	0,496414273
	3,35137708	0,530529129	12,21012382	167324,9	0,074374651	0,433887778	0,491737571
	2,633196402	0,450902729	12,77358796	183774,9	0,074897798	0,475752661	0,449349541
	3,420331966	0,538779837	12,15112517	165664,9	0,074917323	0,429079301	0,496003375
	2,981029093	0,488861793	12,4932618	175685,6	0,074967128	0,455047085	0,469985787
	3,008157761	0,491944012	12,47013255	175033,8	0,075110667	0,453248393	0,47164094
	3,175165783	0,51072498	12,33856833	171199,7	0,075126337	0,443330281	0,481543381
	3,434541171	0,540598711	12,13652624	165282,7	0,075255955	0,427786662	0,496957383
	3,287539388	0,523618531	12,24935384	168608,5	0,075286335	0,436457887	0,488255777
	2,765510391	0,465436748	12,65899112	180566,8	0,07554554	0,467049583	0,457404877
	3,277244277	0,522735565	12,25034984	168727,9	0,075916372	0,436229695	0,487853932
	2,676962263	0,456019385	12,72623867	182558,4	0,075919482	0,471799586	0,452280932
	2,756816812	0,464667737	12,66123214	180690,6	0,07596088	0,467012148	0,457026972
	3,230735893	0,517512789	12,28411221	169748,3	0,07612649	0,438706309	0,4851672

Table 9d: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 4

SPGSAGTR 4							
	2,964373029	0,487615798	12,4910274	175815,4	0,076332458	0,454217504	0,469450038
	2,527049678	0,440193084	12,8432253	185981,8	0,076360585	0,480096819	0,443542595
	2,238049908	0,410083632	13,08147598	192790,6	0,076403277	0,497166775	0,426429947
	2,235509082	0,409849088	13,08276268	192837,2	0,076473755	0,497223575	0,42630267
	2,555376892	0,443313774	12,81671471	185262,4	0,07664986	0,478033189	0,445316951
	3,156449261	0,509312897	12,33602873	171345,1	0,076665487	0,442391529	0,480942983
	2,94794344	0,485967489	12,49958658	176120,5	0,076729612	0,454662719	0,468607668
	3,018908618	0,493973024	12,44067508	174441,8	0,076970815	0,450136232	0,472892953
	3,116402758	0,504991781	12,36228442	172177,5	0,077122406	0,444156814	0,47872078
	3,294785193	0,525405696	12,2214786	168077,6	0,077304815	0,433342774	0,489352411
	2,790155702	0,46914139	12,61156039	179540,2	0,077966005	0,462368469	0,459665525
	3,256113295	0,521409392	12,2409812	168785,1	0,078252562	0,434373519	0,487373919
	2,484694672	0,436467026	12,85582555	186612,6	0,07826785	0,480069137	0,441663013
	2,959807291	0,487992116	12,47203872	175548,7	0,078343474	0,451812299	0,469844227
	2,377880107	0,425287925	12,94259503	189107,9	0,078358939	0,486278002	0,435363059
	2,935776495	0,485437572	12,48816763	176054,3	0,078604457	0,452889163	0,46850638
	2,77111715	0,467418397	12,61731772	179825,2	0,07880671	0,462378127	0,458815164
	3,371078418	0,535003449	12,14483328	166053,9	0,078951136	0,426630938	0,494417926
	3,32746634	0,529952679	12,17828661	167040,3	0,078952967	0,42921305	0,491833984
	2,172132786	0,40430373	13,10544935	193844,1	0,079041597	0,497562722	0,423395681
	2,155220538	0,402609582	13,11858943	194229,4	0,07912643	0,498452103	0,422421467
	2,426765671	0,430726127	12,8926819	187798,1	0,079192785	0,482271453	0,438535762
	2,825513879	0,473541907	12,56903152	178487	0,079223652	0,458599689	0,462176658
	2,412034822	0,429209133	12,90392881	188130,4	0,079267693	0,483044766	0,437687541
	3,295146977	0,526373832	12,19968748	167715,5	0,079272901	0,430702674	0,490024425
	3,337731163	0,531398789	12,16446212	166710,3	0,079500095	0,427876746	0,492623159
	2,723755974	0,462561585	12,64740835	180793,8	0,079512559	0,464245678	0,456241763
	2,714143206	0,461747349	12,64889228	180914,3	0,080065821	0,464079203	0,455854977
	2,476158974	0,436441562	12,83701814	186388,6	0,080511198	0,477590068	0,441898734
	2,226166103	0,410490554	13,03955796	192220	0,080829515	0,491981653	0,427188832
	2,355135947	0,423858449	12,93258453	189170,7	0,080845806	0,484316941	0,434837253
	3,080577244	0,502653431	12,34852114	172309,3	0,080906215	0,441245322	0,477848463
	2,705294416	0,46118665	12,64508347	180940,2	0,081035277	0,46331368	0,455651043
	2,671238867	0,457528184	12,67176176	181719,5	0,081103554	0,465241039	0,453655406
	3,35662909	0,534348988	12,13266705	165998,3	0,081105049	0,424621323	0,494273628
	3,222012247	0,51886416	12,23530552	169032,7	0,081193348	0,432481524	0,486325127
	2,789132431	0,470407618	12,57543771	178956,2	0,08124591	0,458064995	0,460689095
	2,628027795	0,452942856	12,70464251	182692,5	0,081283956	0,467561787	0,451154257
	2,869090562	0,479213566	12,5112064	177100,1	0,081286407	0,453272617	0,465440976
	3,403833151	0,539984621	12,09346002	164881,4	0,081400443	0,421430867	0,49716869
	2,504598262	0,43982248	12,80300073	185544,6	0,081455324	0,474648476	0,4438962
	2,359228594	0,424519568	12,92208483	188957,1	0,081465331	0,483250087	0,435284583
	2,299428984	0,418356932	12,96949528	190334,9	0,081634898	0,486568323	0,431796779
	2,755019236	0,466903931	12,59674232	179647,8	0,081783578	0,459371217	0,458845205
	3,375791164	0,536931831	12,10999247	165433,7	0,081854815	0,422488127	0,495657058
	3,104476218	0,505811931	12,31866058	171579,2	0,081928188	0,438469217	0,479602594
	2,216433024	0,409894915	13,03476111	192238,4	0,081941864	0,491078408	0,426979728
	3,339271892	0,532747382	12,13656112	166235,9	0,081981039	0,42448439	0,493534571
	3,294249193	0,527598681	12,16966359	167230,7	0,082114473	0,426974992	0,490910535
	2,537593604	0,443598536	12,7683985	184645,5	0,082134777	0,471789045	0,446076178
	2,600519213	0,450329367	12,71728851	183175,6	0,082136495	0,46805765	0,449805855
	3,387066766	0,538383682	12,09827908	165128,3	0,082146468	0,421431847	0,496421685
	2,623924553	0,452876086	12,69745524	182615,3	0,082215224	0,466565844	0,451218932
	2,717763611	0,463076206	12,62041283	180409,7	0,082340192	0,460838458	0,45682135
	2,28757909	0,417453972	12,96916241	190447,9	0,082515646	0,486098684	0,43138567
	2,941132943	0,487791792	12,43887724	175190	0,082663232	0,447171278	0,470165491
	3,164376252	0,513053852	12,26153063	170040,5	0,082896514	0,433630993	0,483472493
	2,406040272	0,430025755	12,86548418	187558	0,083049905	0,478367549	0,438582545
	3,413883017	0,542077224	12,06531469	164317,9	0,083329503	0,418268556	0,49840194
	2,094842192	0,398068427	13,11656769	194799,9	0,083633615	0,496033169	0,420333216
	2,124360414	0,401098548	13,09107129	194085,4	0,08370575	0,494187874	0,422106376
	3,260521129	0,524606665	12,17477936	167652,1	0,084058968	0,42638652	0,489554512
	3,114308432	0,50792407	12,2867926	170956,7	0,084160433	0,4349164	0,480923167
	2,937681834	0,488074551	12,42460009	174989,7	0,084214378	0,445311902	0,47047372
	2,510566075	0,441613542	12,76458896	184853,1	0,084421096	0,470348667	0,445230236
	3,201007423	0,517945081	12,21646257	168932,9	0,08445051	0,429392462	0,486157028
	2,912053576	0,485352794	12,44147127	175523,5	0,084522237	0,446421063	0,469056699
	2,399383786	0,429894216	12,85393674	187434,6	0,084548541	0,476768001	0,438683459
	2,058404747	0,394789956	13,13319637	195437,8	0,084833567	0,496595921	0,418570512
	3,309897012	0,530688947	12,12828402	166393,5	0,084870636	0,422380423	0,492748941
	2,847705407	0,478405648	12,4876341	176926,2	0,084960698	0,449651078	0,465388224
	3,371443256	0,537944756	12,07910749	164969,2	0,085080949	0,418453223	0,496465828
	3,4212789	0,543930891	12,03779428	163791,3	0,085413149	0,415057841	0,49952901
	3,133992537	0,510821059	12,25564548	170247,5	0,085636937	0,431785297	0,482577766
	2,482157432	0,439077228	12,77362236	185285,8	0,085676599	0,470361702	0,443961699
	2,167420547	0,406205666	13,0324864	192691,1	0,0856839	0,489003985	0,425312115
	2,546633397	0,445964556	12,72092723	183774,3	0,085704971	0,466502964	0,447792065
	2,670334846	0,459343355	12,61971913	180872,6	0,085829408	0,459006574	0,455164018
	2,503159478	0,441380907	12,75453618	184761,9	0,085855398	0,468879172	0,44526543
	2,812203637	0,474874748	12,50572479	177578,8	0,085884232	0,450526171	0,463589597
	2,797327585	0,473241473	12,51745081	177920,5	0,08589412	0,451394603	0,462711277
	2,600515701	0,451862549	12,67413064	182465,7	0,085993529	0,462925836	0,451080635
	2,56214141	0,447788463	12,70374552	183336,6	0,086119926	0,465031802	0,448848272
	3,177010504	0,515951663	12,21715177	169184,2	0,086124066	0,428587803	0,485288131
	3,138491071	0,5116044	12,24567329	170038,5	0,086244375	0,430710471	0,483045155
	3,159740005	0,514047927	12,22879998	169548,5	0,086284097	0,429398359	0,484317544
	3,026510496	0,498944045	12,33196352	172577,6	0,086325454	0,437238804	0,476435742
	3,026753136	0,499029263	12,33034386	172548,6	0,086458559	0,43704732	0,476494121
	2,147523467	0,404480879	13,03886789	192995,1	0,086574299	0,488998399	0,424427302
	2,431030336	0,434125067	12,80156348	186256,7	0,086903998	0,471758475	0,441337526
	2,13487534	0,40336608	13,04354747	193198,5	0,087087067	0,489065686	0,423847247
	2,938488775	0,489500752	12,39004849	174413,3	0,087341531	0,441103211	0,471555258
	3,217520925	0,521253233	12,17061075	168013,5	0,087572635	0,424259656	0,488167709
	2,093020479	0,399261874	13,07279781	194098,2	0,08757946	0,490890938	0,421529603
	2,977576721	0,493993072	12,3565012	173470,6	0,087607836	0,438432438	0,473959725
	2,843875624	0,479170782	12,45970148	176505,1	0,08780466	0,446093972	0,466101368
	3,018298754	0,498662299	12,32246359	172503,5	0,087811232	0,435748531	0,476440237
	3,151650772	0,513815467	12,21858906	169461,4	0,087837025	0,427811478	0,484351497
	2,68330926	0,461574487	12,58682769	180201,8	0,087873686	0,455517644	0,45660867
	2,849870212	0,479940809	12,45220114	176321,8	0,088059587	0,445399524	0,466540889

Table 9e: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 5

SPGSAGTR 5							
	2,525089058	0,444648458	12,71012692	183812,1	0,088250879	0,464392241	0,44735688
	2,004582582	0,39054737	13,13805249	196055,9	0,088338614	0,49512186	0,416539526
	2,334390899	0,424524412	12,86343028	188240,7	0,088443	0,475437803	0,436119196
	3,200899077	0,519762892	12,17352844	168227,7	0,088511259	0,423995807	0,487492935
	1,931037563	0,38324085	13,19662773	197754,8	0,088615583	0,499111774	0,412272643
	1,943539501	0,384508502	13,18563502	197449	0,088657459	0,498315163	0,413027378
	2,36184562	0,42756889	12,83604822	187515,7	0,088880994	0,473227998	0,437891007
	2,756562114	0,470054096	12,515605	178297,8	0,089043103	0,449620537	0,46133636
	2,193669868	0,410105768	12,97255381	191442,8	0,08905033	0,48296915	0,42798052
	2,854666998	0,480894404	12,43748362	176031,7	0,089073452	0,443766245	0,467160302
	2,848934605	0,480269996	12,44171805	176158,7	0,089100913	0,444069422	0,466829665
	2,416806452	0,433453196	12,7885912	186185,5	0,089111528	0,469664159	0,441224313
	2,669084498	0,460528765	12,58452069	180306,1	0,089128636	0,454690846	0,456180518
	2,834769381	0,478732847	12,45207779	176470,8	0,089179127	0,444804815	0,466016058
	2,725287471	0,466709667	12,53828056	178983,5	0,089250014	0,451198634	0,459551352
	3,213183235	0,521508578	12,1563341	167822,1	0,08925245	0,42228162	0,48846593
	3,165954402	0,516085569	12,19255885	168890,2	0,089261721	0,425068168	0,485670111
	3,11122215	0,509913526	12,23280245	170099,5	0,089454314	0,428055465	0,482490221
	2,193349272	0,410288067	12,96600847	191338,4	0,089656523	0,482181572	0,428161905
	2,570968416	0,45012866	12,65730934	182484,5	0,089683213	0,459767522	0,450549266
	2,523692826	0,445059658	12,69524658	183581,3	0,08970495	0,462540254	0,447754796
	3,350113609	0,53771807	12,0445327	164613,8	0,08996199	0,413222738	0,496815271
	2,5616335	0,449267099	12,66080419	182635,4	0,090051897	0,459830172	0,450117931
	2,77394142	0,47249191	12,48781315	177666,8	0,090338582	0,446866887	0,462794531
	2,441552986	0,436571668	12,75392489	185367,9	0,090426304	0,466448235	0,443125461
	2,575753449	0,451074782	12,6413689	182174,5	0,090790715	0,45801035	0,451198935
	3,212370672	0,522132098	12,140261	167565,8	0,090857836	0,420193708	0,488948455
	2,199815982	0,411424364	12,94591598	190943,2	0,090974842	0,480044236	0,428980922
	2,233366856	0,414935015	12,91724232	190136,1	0,091064773	0,477936279	0,430998948
	2,866436163	0,483080038	12,40557456	175389,2	0,091189708	0,440252971	0,468557322
	2,629143734	0,457095006	12,59167773	180823,2	0,091417974	0,454011718	0,454570308
	3,262017821	0,5281345	12,09628814	166346,1	0,091441572	0,416474814	0,492083615
	2,900888509	0,487026873	12,3757807	174554,6	0,09144401	0,437872885	0,470683106
	2,479547039	0,441037311	12,71093435	184280,8	0,091535658	0,462720561	0,445743782
	1,930622489	0,38418935	13,16296708	197205,3	0,091603604	0,495160626	0,41323577
	2,364753754	0,428883962	12,8034702	186950,8	0,091609189	0,469425625	0,438965186
	3,344412029	0,53789813	12,02990109	164430,1	0,091812777	0,411098041	0,497089182
	2,299394489	0,42210411	12,85427845	188440,1	0,091850111	0,472978396	0,435171493
	2,529263134	0,446507589	12,66655383	183053,6	0,091920347	0,459262423	0,44881723
	2,33369385	0,425749511	12,82477838	187611,9	0,091978799	0,470774514	0,437246687
	2,22153436	0,414033065	12,91680324	190247,2	0,091981827	0,477417302	0,430600871
	2,451745817	0,438249702	12,72834885	184845,2	0,092004496	0,463744303	0,4442512
	1,932096198	0,38448377	13,15672042	197087,8	0,092046871	0,494483497	0,413469632
	2,745560711	0,470074108	12,49166862	178014,1	0,092081176	0,446230161	0,461688663
	2,960830858	0,494109736	12,31969273	173032,6	0,092311391	0,433166465	0,474522144
	2,011437809	0,392611209	13,08645033	195138,6	0,092391677	0,489322754	0,418285569
	1,936181889	0,385025063	13,14883537	196917,3	0,092442085	0,493715514	0,413842401
	3,252903858	0,527555405	12,09229035	166371,4	0,092508195	0,415595719	0,491896086
	2,706096594	0,465969374	12,51701548	178825,6	0,09264533	0,447818249	0,45953642
	2,797080449	0,476132481	12,4409276	176664,2	0,093013833	0,441936031	0,465050136
	2,055860078	0,397361326	13,04180606	193960	0,09307371	0,485782705	0,421143584
	2,121023096	0,404075406	12,98636912	192396,5	0,093194818	0,48175986	0,425045322
	2,603121316	0,454967127	12,59337269	181111,3	0,093195941	0,453188169	0,45361589
	1,852081779	0,376851174	13,21086783	198778,6	0,093207484	0,49768106	0,409111456
	3,285846981	0,531801046	12,05769772	165473	0,093443118	0,412399464	0,494157417
	2,828257595	0,479773418	12,4114981	175868,4	0,093470145	0,439481253	0,467048601
	2,015185426	0,393387071	13,07016695	194833,3	0,093567255	0,487536483	0,418896262
	3,195968452	0,521445777	12,1247846	167475,3	0,09358062	0,417542908	0,488876472
	3,297455184	0,533255991	12,04656781	165173,9	0,093672061	0,411406914	0,494921025
	3,184033724	0,52018997	12,13111239	167698,7	0,093854717	0,417885484	0,488259799
	2,214861312	0,41406654	12,89964309	190031,6	0,094032906	0,475083675	0,430883419
	3,297436288	0,533425831	12,04269681	165110,4	0,094055707	0,41089757	0,495046723
	2,622194235	0,45740533	12,56794167	180502,3	0,094144231	0,450796107	0,455059662
	2,317812293	0,424933053	12,81204541	187561,3	0,094325134	0,468593746	0,43708112
	2,197096162	0,41237931	12,90934174	190368,8	0,094480584	0,475540813	0,429978603
	3,087844233	0,509477539	12,19738464	169750,7	0,094598071	0,422596805	0,482805124
	2,748661399	0,471463249	12,46143933	177485,8	0,09469598	0,44256725	0,46273677
	3,374668963	0,542763757	11,97780462	163270,7	0,09471005	0,405449948	0,499840002
	2,062237024	0,398597384	13,01736164	193494,2	0,094796081	0,483113073	0,422090846
	2,943797008	0,493288065	12,30568244	172972,5	0,094926566	0,430696277	0,474377157
	2,632760678	0,458908559	12,54979852	180098,2	0,095054474	0,448958783	0,455986743
	2,958207292	0,494977295	12,29279934	172616,5	0,095086073	0,429630059	0,475283869
	3,004355677	0,500213831	12,25636832	171555,8	0,095140446	0,426822857	0,478036697
	1,817198377	0,374000879	13,21827816	199249,3	0,095158943	0,49715179	0,407689267
	1,880993706	0,38039525	13,16378945	197715,1	0,09523404	0,493271218	0,411494742
	3,236581397	0,526889653	12,07659067	166276,4	0,095273161	0,412884066	0,491842773
	3,270245305	0,530839239	12,050154	165504,9	0,09535898	0,410774882	0,493866138
	3,0549652	0,506065879	12,21464384	170363,4	0,095388139	0,423494055	0,481117806
	2,644239209	0,460328369	12,53602617	179756,9	0,095489146	0,447700181	0,456810672
	2,619020759	0,45760174	12,5556123	180331,2	0,095540131	0,449126844	0,455333025
	2,97939002	0,497568234	12,27136074	172052	0,095565966	0,427736196	0,476697838
	1,789738752	0,371466996	13,23452172	199791,1	0,095774314	0,497960319	0,406265367
	1,963095975	0,388931866	13,08595588	195613,9	0,096053405	0,487315442	0,416631153
	2,837142203	0,481855127	12,37631632	175200,9	0,096160522	0,435375021	0,468464458
	2,401278529	0,43443773	12,72386678	185276,2	0,096194718	0,461159757	0,442645525
	2,030938777	0,395909262	13,02669209	193960,6	0,096304296	0,482961103	0,420734601
	2,538553985	0,449186283	12,61170137	182058,5	0,096326001	0,452849833	0,450824166
	3,221559047	0,52570221	12,0752932	166405,3	0,096535289	0,412094984	0,491369727
	1,893759974	0,382100817	13,13844155	197170,5	0,096547932	0,490766446	0,412685622
	2,52303539	0,44767431	12,61963113	182344,1	0,096752252	0,453202345	0,450045403
	1,88735094	0,38159595	13,13902889	197244,3	0,096978636	0,490573182	0,412448182
	1,909696888	0,38385172	13,1200302	196708,3	0,09700491	0,489213953	0,413781137
	2,643118056	0,460795304	12,52089004	179519,1	0,09700687	0,445747199	0,457245932
	3,244168156	0,528573442	12,05247356	165803,9	0,097098169	0,410006173	0,492895658
	2,944190112	0,49432773	12,28059648	172555,9	0,097327917	0,427477835	0,475194248
	2,408764896	0,435688337	12,70452683	184883,2	0,097432882	0,459068645	0,443498473
	2,776274745	0,475689171	12,40878368	176343,6	0,097642523	0,437010266	0,465347212
	3,09283783	0,511356222	12,16233779	169124,3	0,097659494	0,418227462	0,484113044
	1,829876658	0,376178496	13,17546321	198418,3	0,098040664	0,492566141	0,409393196
	1,992357844	0,392735152	13,03373811	194462,3	0,09858157	0,482217441	0,41920099

Table 9f: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 6

SPGSAGTR 6							
	2,872799735	0,486855434	12,32244437	173958,2	0,098672678	0,429919298	0,471408024
	2,226745145	0,416938953	12,83927631	188919,9	0,098683671	0,468191283	0,433125046
	2,853410595	0,484759142	12,33573408	174370,7	0,098854355	0,430826609	0,470319036
	1,789397987	0,372400033	13,20044797	199234,1	0,098856927	0,493878906	0,407264166
	3,110864558	0,513938235	12,13631018	168515,9	0,098871192	0,41554692	0,485581888
	2,964215477	0,497227002	12,24926385	171840,3	0,098874082	0,424233821	0,476892097
	2,090478046	0,402904482	12,94829806	192075,8	0,098962345	0,475895976	0,425141678
	2,172630657	0,411428939	12,87969667	190125,9	0,09905004	0,47091075	0,43003921
	1,888429929	0,382426099	13,11332886	196810,8	0,099224397	0,487521115	0,413254488
	3,026291719	0,504454649	12,19681691	170356,9	0,099315284	0,419967999	0,480716716
	3,028907464	0,504754402	12,19475592	170296,8	0,099319754	0,419807037	0,480873209
	2,214889596	0,415942744	12,84152433	189075,4	0,099377073	0,467971254	0,432651673
	1,931209153	0,386803266	13,07553185	195761,3	0,099413896	0,484733784	0,41585232
	3,031077089	0,505046354	12,1920024	170229,8	0,099427108	0,41953562	0,481037273
	2,894097887	0,489622342	12,29630808	173315,3	0,099605026	0,427416576	0,472978398
	2,698186554	0,467916255	12,44803052	177770	0,099802633	0,438763783	0,461433584
	3,015666078	0,503449403	12,20006483	170516,5	0,099805898	0,419944907	0,480249196
	2,693604392	0,467428351	12,45122093	177868,3	0,09984452	0,438979599	0,461175881
	2,365985918	0,43202001	12,71338147	185456,7	0,099854706	0,458381435	0,441763859
	1,997620094	0,393723704	13,01437864	194091,3	0,099955388	0,480077638	0,419966974
	2,158155689	0,410274776	12,88064798	190286,2	0,100065387	0,470417586	0,429517027
	3,163208222	0,520479193	12,08435913	167137,9	0,100072674	0,410846273	0,489081053
	2,327288174	0,428087841	12,73976255	186277,6	0,100325822	0,4600479	0,439626279
	2,478328175	0,444269518	12,6157146	182726,8	0,100524669	0,450832359	0,448642972
	1,855861372	0,379569399	13,1262179	197348,5	0,100532909	0,487710143	0,411756948
	3,297766862	0,536381286	11,97695799	164025,8	0,100641958	0,402114566	0,497243476
	2,248363046	0,420017818	12,79662931	188002,2	0,101017997	0,463804194	0,435177809
	2,471024145	0,443670817	12,61627585	182809	0,101031157	0,450591299	0,448377544
	2,769667887	0,476304574	12,37887998	175917,8	0,101050407	0,432867403	0,46608219
	3,189958443	0,52400217	12,05416328	166373,8	0,101071126	0,407932494	0,490996379
	2,084618483	0,403021745	12,92999156	191833,3	0,101103803	0,473393885	0,425502312
	2,154669484	0,410306545	12,87115407	190164,9	0,101217367	0,469091405	0,429691227
	2,387482408	0,43480751	12,68131656	184714,3	0,101244595	0,455258173	0,443497232
	2,784061927	0,478041166	12,3640214	175529,4	0,101399737	0,431549575	0,467050688
	2,140835737	0,409049015	12,87690429	190397,9	0,101741514	0,469213814	0,429044672
	1,777470303	0,372185913	13,1759946	198951,1	0,101989497	0,490417689	0,407592813
	1,814758482	0,375929385	13,14397849	198051,6	0,102056977	0,488118124	0,409824899
	2,472332276	0,444191676	12,60442699	182601,1	0,102065896	0,449136992	0,448797112
	2,247783838	0,420324169	12,78592455	187831,9	0,102071202	0,462437165	0,435491633
	3,213085215	0,52714066	12,0262673	165683,6	0,102129801	0,40515332	0,49271688
	3,014600879	0,504293753	12,17752574	170156,5	0,102140077	0,416902264	0,48095766
	2,20340222	0,415727991	12,82052593	188844,9	0,102223474	0,464864709	0,432911817
	2,221863579	0,417713432	12,80378469	188384,9	0,102380576	0,463561615	0,434057809
	2,59047147	0,457194351	12,50435559	179773,6	0,102620793	0,441397479	0,455981727
	3,022358321	0,505425009	12,16561801	169883	0,102738996	0,415645642	0,481615362
	1,857279404	0,380433144	13,10014322	196905,4	0,102817026	0,484586949	0,412596025
	2,582779543	0,456434546	12,50831879	179915,7	0,102829961	0,441575009	0,45559503
	2,270899857	0,423024908	12,7589393	187156,9	0,10284506	0,460037594	0,437117347
	2,111572048	0,406393489	12,88903848	190890,1	0,102856992	0,469463832	0,427679176
	2,45436704	0,442625449	12,60843976	182846,7	0,10306658	0,448870179	0,44806324
	2,360347441	0,432575559	12,68401923	185030,1	0,103077287	0,454427741	0,442494972
	2,894287265	0,49109954	12,25970713	172711,4	0,103217623	0,42259857	0,474183807
	2,63392033	0,462205267	12,46279525	178655,5	0,103313186	0,437901333	0,458785481
	2,635751118	0,462452644	12,46008746	178592,7	0,103436454	0,437628821	0,458934725
	1,741420981	0,369054049	13,19012829	199544,1	0,103469392	0,49058496	0,405945648
	3,089335909	0,513417025	12,1066986	168244,1	0,103514971	0,41064392	0,485841109
	2,770565807	0,477385539	12,35273086	175478,7	0,103556894	0,429479154	0,466963952
	2,511004298	0,448915228	12,55794683	181449,8	0,103565055	0,444850479	0,451584465
	2,125515915	0,408196904	12,86625433	190375,9	0,103924366	0,467217281	0,428858353
	2,052555017	0,400667464	12,92594172	192087,3	0,103951969	0,471504376	0,424543655
	2,671195531	0,466566914	12,42618075	177680,5	0,104016426	0,434756619	0,461226955
	1,70984287	0,366101036	13,2102662	200191,1	0,104059268	0,491671482	0,40426925
	2,31035715	0,427634556	12,71367421	186017,8	0,104108913	0,456017633	0,439873454
	1,807490505	0,37585165	13,12735962	197850,9	0,104147207	0,48576766	0,410085132
	2,622096467	0,461237762	12,46330248	178782,1	0,104181218	0,437447071	0,458371711
	3,013922893	0,505057141	12,15777714	169838,4	0,104188744	0,414216565	0,481594692
	2,455620054	0,443282607	12,59257466	182573,2	0,10450395	0,446883414	0,448612636
	2,819880578	0,483259142	12,30464016	174194,5	0,104509684	0,425288908	0,470201409
	2,241556377	0,420546952	12,76434325	187539,2	0,1046027	0,459437904	0,435959396
	2,902760663	0,492680108	12,23757533	172262,6	0,104781649	0,420015385	0,475202966
	2,698018173	0,469820037	12,39723084	176936,1	0,104789727	0,432138126	0,463072147
	2,968888114	0,500195049	12,18592108	170751,7	0,104845001	0,416012234	0,479142765
	1,750128719	0,370386882	13,1661736	199063	0,10500239	0,488029172	0,406968438
	1,830828242	0,378469588	13,0982189	197138,2	0,105040422	0,483196138	0,41176344
	2,401060239	0,437625497	12,63068435	183745,7	0,105054181	0,449384632	0,445561187
	2,04049472	0,399791777	12,92408771	192177,4	0,105061978	0,47074216	0,424195861
	2,14982311	0,411107027	12,83430357	189607,3	0,105065421	0,46425854	0,430676039
	1,809147083	0,376360864	13,11399995	197614,6	0,105257071	0,484192746	0,410550183
	3,137476284	0,519716275	12,05258687	166872,6	0,105311885	0,405400111	0,489288004
	2,340715583	0,431319049	12,67545422	185085,5	0,105425002	0,452467388	0,44210761
	1,737283774	0,369243422	13,17215895	199289,9	0,105445877	0,488200304	0,406353818
	1,721943164	0,367734669	13,18448557	199646,1	0,105497304	0,489040996	0,4054617
	2,589256165	0,458146093	12,47572669	179314,9	0,105518208	0,437614312	0,45686748
	2,985414499	0,502370904	12,16603853	170259,4	0,105576068	0,414060114	0,480363818
	2,285799751	0,42554916	12,71826978	186338,9	0,105577659	0,455518701	0,43890364
	1,855070389	0,381084677	13,07194954	196463,7	0,105603992	0,481009631	0,413386378
	2,66643689	0,466652676	12,41369965	177522,8	0,105622052	0,432902243	0,461475706
	2,10406715	0,406552621	12,86553364	190578,5	0,105658733	0,4661807	0,428160567
	1,676379068	0,363338871	13,21859211	200662,7	0,105887245	0,491222384	0,402890371
	2,209573576	0,417692673	12,77499748	188034,3	0,106073758	0,459375941	0,434550301
	2,290024166	0,426329125	12,70491064	186076,9	0,10653707	0,453991798	0,439471132
	2,320116083	0,429557858	12,67946856	185357,5	0,106646144	0,452063355	0,441290501
	2,33556421	0,431201034	12,66697676	184997,6	0,106648986	0,451144084	0,44220693
	1,713355954	0,367299567	13,17672455	199604,3	0,106885737	0,487702497	0,405411766
	2,806867317	0,482782596	12,28983114	174081,1	0,107019666	0,422720415	0,470259919
	1,832155674	0,379259842	13,07442656	196733,6	0,107159326	0,480298139	0,412542535
	2,203749801	0,417551407	12,76537208	187934,2	0,107456188	0,457881663	0,434662149
	2,492812342	0,448594408	12,52637462	181112,4	0,108083228	0,439916867	0,451999905
	2,854483374	0,488567436	12,24177506	172814,4	0,108150548	0,418393875	0,473455577
	2,110511959	0,408125883	12,83173023	189958,1	0,108387424	0,462168074	0,429444501

Table 9g: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 7

SPGSAGTR 7							
	2,695564701	0,470931481	12,36276232	176393,7	0,108431359	0,427438108	0,464130533
	2,226909792	0,420318489	12,73643488	187226,6	0,108437364	0,455203636	0,436359
	3,134569338	0,520698482	12,024269	166435,9	0,108495811	0,401335973	0,490168216
	2,199795517	0,417510402	12,75715472	187838,6	0,108562549	0,456643921	0,43479353
	2,206886016	0,418257784	12,75131149	187671,5	0,108570716	0,456212855	0,435216429
	2,617405687	0,462383058	12,4222868	178154,4	0,108622021	0,431816295	0,459561684
	1,762795569	0,372765138	13,1161537	198113,6	0,108677004	0,482389206	0,40893379
	2,300509493	0,428215878	12,67341787	185454,1	0,108777733	0,450389074	0,440833193
	2,142935028	0,411644174	12,80082322	189125,5	0,10881545	0,459677097	0,431507453
	2,680620127	0,469436885	12,37028787	176666,9	0,108854476	0,427760773	0,463384751
	1,927600181	0,389489432	12,97608878	194161,7	0,108965837	0,472238214	0,418795949
	1,628562366	0,3595563	13,22466506	201240,8	0,109062504	0,489831229	0,401106267
	2,301402232	0,428475297	12,66782833	185353,2	0,10925501	0,449701121	0,441043868
	2,435111934	0,442795429	12,56011432	182244,4	0,109298681	0,441719084	0,448982234
	2,958517845	0,500803466	12,15040936	170271,3	0,109311204	0,41068424	0,480004556
	2,792723859	0,48210345	12,27780704	174024,7	0,109362939	0,420440718	0,470196342
	2,525304762	0,452635992	12,48631159	180128,5	0,109502177	0,436103296	0,454394527
	1,98638988	0,395683314	12,92154348	192676,6	0,109542729	0,467986617	0,422470654
	2,28684404	0,427087551	12,67490306	185615,2	0,109712971	0,449954527	0,440332502
	2,480460513	0,447901284	12,51818198	181101,2	0,109875922	0,438263573	0,451860504
	2,501533887	0,45019718	12,5011515	180610,3	0,109904499	0,436976696	0,453118805
	2,761041629	0,478882968	12,29421654	174611,5	0,110204766	0,421198175	0,468597059
	2,148684948	0,412711022	12,78166549	188752,8	0,11022032	0,457467079	0,432312601
	1,823115274	0,379331466	13,04812542	196391,4	0,110355684	0,476580942	0,413063375
	1,711188508	0,368142654	13,14066089	199032,8	0,110435345	0,483107972	0,406456682
	2,286700388	0,427475086	12,66307638	185422,1	0,110889504	0,44839759	0,440712906
	2,448485717	0,444843084	12,53236297	181654,2	0,111002422	0,438659593	0,450337985
	1,818487123	0,379099995	13,04388408	196367,9	0,111126517	0,475829575	0,413043908
	2,52256838	0,452950351	12,47160453	179914	0,111198014	0,434009044	0,454792942
	2,49182325	0,449616908	12,49568782	180617,5	0,111226476	0,435793198	0,452980326
	3,018586036	0,508436331	12,08614516	168613,5	0,11124084	0,404556968	0,484202192
	2,454311638	0,445592226	12,52436777	181464,4	0,11133928	0,437866125	0,450794595
	2,826580784	0,486737339	12,23047746	172907,6	0,111539409	0,415538356	0,472922235
	2,268765087	0,425853128	12,66919038	185702	0,111714454	0,448362829	0,439922717
	2,885347754	0,493446007	12,18329249	171543,9	0,11173731	0,411792377	0,476470313
	2,31185394	0,43045353	12,63389154	184690,5	0,111776356	0,445726924	0,44249672
	1,751756542	0,372641891	13,09086801	197808,1	0,111943955	0,478696523	0,409359522
	1,808978095	0,378431103	13,04181217	196428,9	0,112080266	0,475124079	0,412795655
	2,635612104	0,465681805	12,3733874	177168	0,112129503	0,426070422	0,461800075
	2,22703221	0,421579083	12,69864113	186603,7	0,112133025	0,450279076	0,437587899
	2,916259565	0,497138301	12,1549855	170769,1	0,112218185	0,409320641	0,478461174
	2,90044985	0,495409934	12,16547896	171099,8	0,112389287	0,410029898	0,477580815
	2,687582238	0,47154687	12,32970014	175929,7	0,112441384	0,42257558	0,464983035
	2,729262312	0,476184665	12,2971444	174977,4	0,112449592	0,420094607	0,467455801
	2,798267974	0,483961841	12,24211652	173382,2	0,112605778	0,415797365	0,471596857
	2,003077011	0,398393642	12,87552247	191752,7	0,112666546	0,46284127	0,424492184
	2,751253006	0,478736429	12,27753295	174434,9	0,112711124	0,418443405	0,46884547
	2,712218196	0,474389805	12,30774229	175322,2	0,112725594	0,420737441	0,466536965
	2,730426725	0,476454267	12,29262997	174891,5	0,112823437	0,419528178	0,467648385
	2,707434527	0,47399343	12,30794232	175373,3	0,113090601	0,420535268	0,466374132
	2,320588694	0,431901385	12,61176313	184239,2	0,113285916	0,443200721	0,443513363
	1,826077582	0,380572749	13,01335122	195789,8	0,113452674	0,472284652	0,414262674
	3,023151077	0,509912897	12,06009965	168139,5	0,113643768	0,40108919	0,485267042
	2,550238037	0,456854654	12,42558712	178880,3	0,113655441	0,429099522	0,457245037
	2,537594743	0,455473292	12,43551295	179170	0,113659495	0,429843397	0,456497108
	2,890356891	0,494860655	12,15858667	171087,4	0,113933323	0,408573593	0,477493084
	1,999035726	0,398403337	12,86506542	191621,1	0,114012661	0,461289676	0,424697663
	1,670190457	0,365161501	13,1356666	199360,6	0,114172868	0,480564602	0,40526253
	2,105183571	0,409467329	12,77667955	189105,8	0,11418474	0,45477016	0,4310451
	2,741637631	0,478223871	12,27058551	174416,8	0,114212669	0,417015336	0,468771995
	2,802351845	0,485105614	12,22167081	173005,1	0,114417489	0,413144753	0,472437758
	1,88914238	0,387287047	12,95057941	194126,7	0,114483533	0,467175673	0,418340795
	1,703119587	0,368598454	13,10252067	198486,1	0,114714023	0,47789311	0,407392867
	2,355347156	0,436151505	12,56856017	183180,9	0,114837813	0,439075964	0,446086223
	1,996409442	0,398398549	12,85862793	191541,5	0,114856471	0,460322574	0,424820955
	2,47677586	0,449283002	12,47148259	180369,9	0,114895572	0,431802981	0,453301447
	2,985585317	0,506105566	12,07660021	168786,5	0,114931575	0,401601912	0,483466513
	2,282780939	0,428437999	12,62546791	184842,7	0,11495694	0,443217891	0,441825169
	2,598451347	0,462672068	12,37356004	177542,4	0,115113659	0,424302047	0,460584295
	1,984560791	0,397276636	12,86511613	191766,7	0,115172988	0,460603606	0,424223406
	2,441835957	0,445590732	12,49641169	181129,3	0,115176757	0,433499461	0,451323781
	2,550286875	0,457465418	12,40910444	178608,7	0,11534804	0,42684452	0,45780744
	2,188505985	0,418709313	12,69366381	186907,1	0,11573012	0,447776068	0,436493812
	2,980252887	0,505923649	12,07040266	168737,9	0,116036677	0,400447517	0,483515806
	2,324851141	0,433338091	12,57978592	183670,6	0,116171742	0,43910835	0,444719908
	2,902453296	0,497186305	12,12604312	170431,1	0,116419899	0,404548192	0,47903191
	2,369498015	0,438261367	12,54034169	182575,3	0,11656326	0,435941539	0,447495201
	2,724529753	0,477224308	12,26043796	174421	0,116675449	0,414752305	0,468572245
	2,642076113	0,468066067	12,32416914	176293,8	0,116710225	0,419592418	0,463697357
	2,635645838	0,467359003	12,32905556	176438,5	0,116723579	0,419955722	0,4633207
	2,687238773	0,473144612	12,28733858	175236,3	0,116888632	0,416678598	0,46643277
	1,710746331	0,370058508	13,07143464	197898,5	0,117107914	0,474255912	0,408636173
	2,831423309	0,489429676	12,17309223	171915,3	0,117204022	0,40771426	0,475081718
	2,688168463	0,473367628	12,28351367	175164,1	0,117216651	0,416187053	0,466596296
	2,381811032	0,439830338	12,52360245	182176,8	0,117276127	0,434263329	0,448460544
	2,64724923	0,468888529	12,31358447	176067,9	0,117400264	0,418367708	0,464232028
	2,208776362	0,421534821	12,65666647	186095,9	0,117817475	0,443797446	0,438385079
	2,244876896	0,425374899	12,62727579	185251,4	0,117857204	0,441605188	0,440537608
	2,767101214	0,482440496	12,21611896	173266,3	0,117892505	0,410610059	0,471497436
	2,925875493	0,500445339	12,09387778	169667,8	0,117969695	0,401098042	0,480932263
	2,900634384	0,497597541	12,11236625	170224,4	0,118047931	0,402489787	0,479462282
	2,103629903	0,410559758	12,73889873	188499,9	0,118085661	0,449671818	0,43224521
	2,679376407	0,472762568	12,28063742	175204,7	0,118245326	0,415339374	0,4664153
	1,63591566	0,36296923	13,1205748	199455,1	0,11839723	0,476975028	0,404627742
	2,870471293	0,494322919	12,13158512	170842,1	0,118458495	0,403731037	0,477810468
	1,69249899	0,36865036	13,07186643	198088,1	0,118548085	0,473421054	0,408030861
	2,826734763	0,489437839	12,16330975	171801,3	0,118644838	0,406075018	0,475280143
	2,070685379	0,407302262	12,75989637	189174,8	0,118662213	0,450857045	0,430480742
	1,963626797	0,396259291	12,84531664	191650,4	0,118839963	0,456965064	0,424194973
	2,724237928	0,477999047	12,23995578	174087	0,118881086	0,411834864	0,46928405

Table 9h: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 8

SPGSAGTR 8							
	2,318434341	0,433570312	12,55824824	183380,5	0,118903989	0,435853201	0,445242811
	2,709328983	0,476346982	12,25110785	174419,5	0,118920691	0,412665704	0,468413605
	1,590640452	0,358643685	13,15257989	200434,3	0,118966385	0,478900841	0,402132775
	2,460915746	0,448980422	12,4445627	180085,7	0,118978742	0,427309977	0,453711282
	1,756649375	0,375357062	13,00920948	196416	0,119473953	0,468387436	0,41213861
	1,878710865	0,387900722	12,90319882	193451,6	0,120008281	0,460442849	0,41954887
	1,992153318	0,399586881	12,80973635	190779,9	0,120076894	0,453628706	0,426294399
	2,652502747	0,470523809	12,28195451	175495,1	0,120331062	0,414156766	0,465512172
	1,560482708	0,356069228	13,16297959	200906,9	0,120415035	0,478760536	0,400824429
	2,674744713	0,47309081	12,26232651	174949,9	0,120588659	0,412495909	0,466915432
	2,109743935	0,412000946	12,70917762	187949,9	0,120601853	0,445961539	0,433436608
	2,097844013	0,410753905	12,71879153	188227,1	0,12060202	0,446666531	0,432731448
	1,693275798	0,369355873	13,04900076	197704,2	0,120734673	0,470465629	0,408799698
	1,918289405	0,392213172	12,86223676	192382,1	0,12086407	0,456958658	0,422177272
	2,13461538	0,414711631	12,68607934	187321,3	0,12091227	0,444074573	0,435013157
	2,505104776	0,454499926	12,39065998	178757,2	0,120997106	0,42200568	0,456997214
	2,532355066	0,457496795	12,36905789	178129,3	0,121024619	0,42035416	0,458621221
	2,31793161	0,434280238	12,53656144	183028,8	0,12197102	0,432831865	0,445971033
	2,363013976	0,439135061	12,50062621	181986,9	0,121212644	0,430139506	0,44864785
	2,776190957	0,484836226	12,1745033	172490,8	0,121640579	0,405084338	0,473275083
	2,06657972	0,407838487	12,73305282	188774,3	0,121729839	0,447018689	0,431251471
	1,828044831	0,383249004	12,92761118	194359,8	0,121734143	0,461149064	0,417116793
	1,596794945	0,360032837	13,11892619	199819,2	0,121760706	0,474818095	0,403421199
	2,39952007	0,443266672	12,46646702	181059,9	0,121768064	0,427237054	0,450994882
	1,751076231	0,375518837	12,98876386	196135,4	0,12196394	0,465404633	0,412631427
	2,379436949	0,441292063	12,47673976	181429,7	0,12235918	0,427640707	0,450000113
	2,745039801	0,481619788	12,19112922	173075,8	0,122436954	0,405870797	0,471692248
	2,81089318	0,489069341	12,14008311	171577,7	0,122506418	0,401875756	0,475617826
	2,019506241	0,403179098	12,76344815	189745	0,122523226	0,448752717	0,428724057
	1,822004741	0,382871949	12,92456662	194370,2	0,122540303	0,460434367	0,41702533
	2,631556929	0,469016774	12,27675964	175619,2	0,122643295	0,412321492	0,465035213
	2,409316197	0,444637434	12,45006615	180692,2	0,122686149	0,425434945	0,451878906
	2,10220955	0,411964144	12,69202403	187743,1	0,122991179	0,443228898	0,433779924
	2,43066054	0,447096024	12,42934295	180137,9	0,123102633	0,423615875	0,453281492
	2,381839633	0,441801072	12,46780339	181258,7	0,123104786	0,426506245	0,45038897
	2,362618954	0,43975465	12,48211526	181686,3	0,123197774	0,427521578	0,449280648
	1,938503498	0,395067112	12,82048698	191493,2	0,123426156	0,452351713	0,424222131
	2,199930351	0,422480317	12,60740302	185374	0,123630819	0,436586669	0,439782513
	1,572110253	0,358128737	13,11975009	200079,6	0,123719221	0,473675039	0,40260574
	2,483528076	0,453073738	12,38204044	178831,2	0,12372498	0,419654757	0,456620262
	2,300410886	0,433251329	12,52589386	183028,5	0,123781372	0,430431651	0,445786977
	1,958328255	0,397241899	12,80020447	190961,3	0,123850319	0,450612479	0,425537202
	2,429157497	0,44730421	12,42019782	180002,5	0,124207404	0,422234982	0,453557613
	2,723992635	0,480065564	12,18675604	173214,4	0,12469933	0,404107868	0,471192802
	2,677720814	0,474976895	12,21989986	174222,3	0,124965639	0,406495697	0,468538664
	2,430813208	0,447746034	12,41163978	179845,2	0,12498793	0,421098324	0,453913746
	2,086990565	0,411005158	12,68460926	187773,3	0,125036268	0,441409691	0,433554041
	2,482113865	0,453415255	12,36959516	178640,6	0,125188775	0,417790898	0,457020327
	1,662236054	0,367564557	13,02814766	197671,6	0,125390425	0,466110347	0,408499228
	1,559659543	0,357388887	13,11207198	200077,8	0,125521825	0,47201442	0,402463755
	1,779591295	0,379442357	12,92960702	194877,2	0,125564216	0,458924378	0,415511406
	2,096464868	0,412170541	12,67173079	187466,8	0,125585958	0,440116826	0,434297216
	1,557697373	0,357238615	13,11209497	200097,8	0,125683442	0,471915661	0,402400897
	1,639470032	0,365390789	13,04334823	198149,3	0,125760497	0,466967108	0,407272396
	2,435203945	0,44849116	12,40080901	179623,1	0,12578605	0,419776171	0,454437779
	2,442775727	0,449361537	12,39363972	179429,5	0,12591993	0,419149316	0,454930755
	1,788752658	0,380499283	12,91776923	194590,9	0,126004698	0,457795368	0,416199935
	2,424183703	0,447369098	12,40727847	179839,7	0,126021501	0,420115973	0,453862526
	2,375380385	0,442097922	12,44482134	180945,3	0,126109447	0,422891147	0,450999406
	2,143358402	0,417343701	12,62702099	186262,4	0,126330494	0,436347162	0,437322344
	2,14860806	0,417910397	12,62246016	186134,9	0,126368259	0,435985807	0,437645934
	2,528808884	0,458987136	12,32116919	177377,1	0,126500397	0,413278455	0,460221149
	2,240114934	0,427805398	12,54440506	183936	0,126906755	0,429846407	0,443246838
	1,937894221	0,396171375	12,78321407	190886,2	0,127326324	0,447198406	0,42547527
	1,507252366	0,352760342	13,1355515	200988,1	0,127554902	0,47241505	0,400030048
	2,196397513	0,423366717	12,57266235	184837,9	0,127605214	0,431507855	0,440886932
	2,204520245	0,424310742	12,5638335	184611,5	0,12785791	0,430690255	0,441451835
	1,940673593	0,396704659	12,77303594	190691	0,128154735	0,445931442	0,425913822
	1,768442117	0,379065913	12,91303496	194716,1	0,128204608	0,456071899	0,415723494
	2,184771478	0,422345065	12,57554826	185001,6	0,128288146	0,431288156	0,440423699
	1,501935901	0,3525008	13,13014092	200952,2	0,12854944	0,471406821	0,400043739
	1,687998875	0,371034517	12,97574193	196552	0,128559631	0,460366762	0,411073608
	2,022188565	0,405333017	12,70224142	188711,4	0,128670771	0,44041407	0,43091516
	2,059584105	0,40936406	12,66851167	187782,6	0,129057205	0,437683753	0,433259042
	2,037559038	0,407159966	12,68299621	188241,1	0,129399977	0,438532928	0,432067095
	2,355019674	0,44102462	12,42894092	180887,7	0,129580844	0,419478859	0,450940297
	1,953731126	0,398557326	12,74642334	190122,7	0,129844037	0,442909904	0,427246059
	2,100765922	0,413958248	12,62739715	186694,5	0,129922408	0,434092022	0,43598557
	2,115112396	0,415636369	12,61093123	186280,2	0,130459735	0,432526872	0,437013393
	2,111656287	0,415349264	12,61132742	186321,3	0,130714867	0,43239222	0,436892913
	2,547769424	0,462525996	12,26789142	176311,2	0,130794451	0,406441308	0,462764241
	1,845611002	0,387688392	12,82488818	192494,5	0,130821896	0,448016238	0,421161866
	2,345094573	0,440357867	12,42522107	180925,8	0,130849216	0,418379396	0,450771388
	2,551188967	0,462925283	12,26469681	176224,4	0,130856974	0,406155467	0,462987559
	2,005260369	0,404255926	12,69421006	188748,6	0,130976574	0,438349258	0,430674168
	2,369701818	0,443077061	12,4045038	180338,9	0,131006761	0,416711493	0,452281746
	2,423133802	0,448940188	12,36151991	179097,6	0,131142887	0,413363872	0,455493241
	1,527995193	0,355765092	13,08291503	199914,9	0,131153508	0,466397617	0,402448875
	2,206079182	0,425547843	12,53097283	184055,4	0,13127983	0,426044794	0,442675376
	1,789910818	0,382168759	12,8643694	193700,9	0,131446008	0,450486734	0,418067258
	2,517787371	0,459584688	12,28116774	176829,4	0,131912861	0,406729996	0,461357143
	2,332502692	0,43941774	12,42314877	181017,6	0,132174502	0,417362243	0,450463255
	2,428184366	0,449968532	12,34449355	178767	0,132610697	0,411111553	0,45627775
	1,625399308	0,365909119	12,9864175	197353,6	0,132800271	0,458434116	0,408765613
	2,394044121	0,446352868	12,36800253	179495,1	0,132958295	0,412672278	0,454369427
	1,71116585	0,374608193	12,91379955	195301,4	0,133023587	0,453054267	0,413922146
	2,15768648	0,420933149	12,55338471	184907,9	0,133031462	0,426581997	0,440386541
	1,663761004	0,369837257	12,95221125	196407,3	0,133075641	0,455794321	0,411130038
	1,968163548	0,40105384	12,70306456	189265,2	0,13323456	0,437543307	0,429222133
	2,480437643	0,455924281	12,29784671	177477,2	0,133299684	0,40709817	0,459602146

Table 9i: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 9

SPGSAGTR 9	2,22839791	0,428563953	12,49486139	183238,2	0,133309868	0,422021046	0,444669086
	1,546422583	0,358180673	13,04613065	199125,5	0,133377161	0,462346862	0,404275977
	1,965918824	0,400882892	12,70288207	189284,6	0,133449478	0,437390372	0,429160149
	2,455165096	0,453218844	12,31549492	178020,2	0,133519782	0,408303023	0,458177196
	2,192752603	0,42490751	12,51849344	183983,4	0,133813503	0,423463348	0,442723149
	1,622384417	0,365884151	12,97906368	197262,8	0,133830694	0,457241743	0,408927562
	2,045093189	0,409290923	12,63537051	187382,4	0,133881372	0,432123665	0,433994963
	1,629288835	0,366645538	12,97094226	197060,1	0,134086849	0,456491743	0,409421408
	1,805574354	0,384540541	12,82575723	192909,2	0,13418763	0,445910581	0,419901789
	2,197479424	0,425578849	12,50985266	183794	0,134357217	0,422459781	0,443183002
	1,515910569	0,355413845	13,06184298	199689,1	0,134373855	0,462828908	0,402797237
	2,033457043	0,408317726	12,63698826	187525,4	0,134722447	0,431694147	0,433583407
	1,814529647	0,385686094	12,8108817	192575	0,135002102	0,444296166	0,420701732
	1,55337646	0,359303824	13,02470338	198703,5	0,135016141	0,459753997	0,405229863
	1,839340109	0,388245496	12,79033352	191988,9	0,135046941	0,442766182	0,422186877
	1,597684826	0,363778231	12,98630235	197628,8	0,135210407	0,456869702	0,407919891
	2,052168135	0,410540133	12,6141563	186962,7	0,135588872	0,429432454	0,434978674
	2,508543367	0,459920044	12,25211362	176443,9	0,136060791	0,40175874	0,462180469
	2,142872987	0,420282511	12,53757205	184796	0,136083352	0,42339915	0,440517498
	2,006322916	0,405872218	12,64627623	187949,5	0,136086897	0,43148669	0,432426414
	1,742116836	0,378617998	12,85878148	194087	0,136186178	0,447012022	0,416801801
	2,230626969	0,429763033	12,46518624	182727,8	0,136431649	0,417735226	0,445833126
	2,004460559	0,405862969	12,64197579	187897,4	0,136725627	0,430747187	0,432527186
	1,608380877	0,365392323	12,95820916	197059,8	0,137258714	0,453510432	0,409230854
	2,110382201	0,41721123	12,5519907	185358,1	0,137351312	0,423637525	0,439011162
	1,769479109	0,381810169	12,82293866	193223,8	0,137652881	0,443438934	0,418908185
	2,008111173	0,406586592	12,62845491	187638,5	0,137901432	0,428966362	0,433132206
	2,158192463	0,422461857	12,5091571	184175,4	0,137913702	0,42005589	0,442030408
	2,037302863	0,409763887	12,60177458	186907,7	0,138280603	0,426731889	0,434987508
	1,90626628	0,396098182	12,70572747	189928	0,138382204	0,434362217	0,427255579
	2,368765735	0,445321251	12,33988945	179285,5	0,138414037	0,406911129	0,454674833
	1,63181037	0,368190223	12,92337315	196252,5	0,138936042	0,449890161	0,411173797
	1,594114584	0,364508241	12,95049969	197075,6	0,139343108	0,45158247	0,409074422
	1,551682053	0,360351842	12,98212131	198020,1	0,139691969	0,453632934	0,406675098
	1,958669323	0,401943184	12,6513368	188509,3	0,139757559	0,429426704	0,430815737
	1,49807145	0,355042143	13,02527268	199266	0,139801391	0,456664422	0,403534187
	1,541522514	0,359446831	12,98654315	198194,4	0,140115891	0,453670955	0,406213154
	1,805617845	0,386189931	12,77109195	192009,6	0,140124429	0,438008727	0,421866844
	1,636844974	0,369023764	12,9078252	195946,4	0,140174636	0,447943774	0,411881591
	1,865328407	0,392408647	12,72086566	190586,3	0,140354545	0,434163964	0,425481491
	2,0512658	0,411908598	12,57005824	186246,4	0,140603895	0,422813131	0,436582974
	2,35193575	0,444182538	12,33363437	179350,9	0,140666763	0,404911121	0,454422116
	1,848231535	0,390761263	12,73074196	190919,8	0,140787036	0,434601706	0,424611258
	1,61719662	0,367207553	12,91815992	196312,9	0,140798725	0,448277789	0,410923486
	1,702865892	0,375885693	12,84782915	194299,3	0,140848171	0,443135049	0,41601678
	1,49197784	0,35474685	13,01893761	199222,7	0,141022939	0,455400198	0,403576863
	2,231499418	0,431275251	12,42350143	182033,4	0,141125069	0,411438638	0,447436293
	1,780379944	0,38389001	12,78186224	192439,1	0,141190653	0,438085703	0,420723644
	1,768493159	0,382698045	12,79061259	192701,9	0,141286619	0,438662452	0,420050929
	2,119879846	0,419417387	12,50861144	184549,6	0,141421961	0,417658426	0,440919614
	1,797699163	0,385754672	12,76497421	191988,1	0,141512024	0,436631724	0,421856252
	1,718028168	0,377656317	12,82774104	193817,3	0,141704211	0,441097485	0,417198304
	2,028161013	0,409840129	12,5771244	186593,7	0,141887233	0,422474811	0,435637956
	1,433822518	0,349321064	13,05467166	200392	0,142348221	0,45708324	0,400568539
	1,498825107	0,355780795	13,00034867	198848,5	0,142424907	0,45312901	0,404446084
	1,801934129	0,386445087	12,75312733	191750,9	0,142452753	0,435129053	0,422418194
	2,062498323	0,41367087	12,54366205	185699,9	0,14260376	0,419486523	0,437909717
	1,423933224	0,348451786	13,05885831	200559,8	0,142779437	0,457095542	0,400125021
	1,52348882	0,358357723	12,97568825	198196,2	0,142902492	0,451031928	0,406065581
	1,668193099	0,372923351	12,85691111	194795,4	0,142957333	0,442383465	0,414659202
	1,505810116	0,356668772	12,98756647	198568,4	0,143191801	0,451694662	0,405113537
	1,764459393	0,382822687	12,77591123	192500,4	0,14328812	0,436238381	0,420473499
	2,016271357	0,408990405	12,57418407	186664,2	0,14330493	0,421293086	0,435401985
	1,426399763	0,348852146	13,05094173	200404,9	0,14341659	0,456101598	0,400481812
	2,042025344	0,411874849	12,54865313	185986,7	0,143896661	0,418979512	0,437123826
	1,774708342	0,384144116	12,75864293	192113,9	0,144299678	0,434285065	0,421415257
	1,51301497	0,357755121	12,96826787	198178,9	0,144660144	0,449313966	0,40602589
	1,597346061	0,36625308	12,89762623	196173,6	0,144843418	0,444072464	0,411084119
	1,68423355	0,375046245	12,8269057	194141,5	0,144849906	0,438914687	0,416235406
	2,11609942	0,420023607	12,48155725	184142,4	0,144909932	0,413241501	0,441848567
	1,798583398	0,386778825	12,73345993	191460,9	0,144973835	0,43197317	0,423052995
	1,537090518	0,360269474	12,94458767	197548,6	0,145096346	0,447306803	0,407596851
	1,564084611	0,36301191	12,921157	196893,3	0,145246235	0,445507637	0,409246128
	1,785210334	0,385500112	12,74100695	191718,8	0,145338621	0,432280317	0,422381062
	1,500019259	0,356634133	12,97259039	198379,9	0,145359791	0,449153197	0,405487012
	1,711873854	0,378054189	12,79796196	193389	0,145588452	0,436293981	0,418117566
	2,157485931	0,424665624	12,44257812	183087,3	0,145679866	0,409764401	0,444555733
	1,858432679	0,393186912	12,67814823	189952,7	0,145807204	0,427317521	0,426875275
	1,714877699	0,378468833	12,79187755	193258,9	0,14600196	0,43556577	0,418432271
	2,182767367	0,427473069	12,42000261	182463,2	0,146014546	0,407820855	0,446164599
	2,060038745	0,414485261	12,5130819	185221,5	0,146388645	0,414596261	0,439015094
	2,089893677	0,417662847	12,48936309	184532,8	0,146415701	0,412790992	0,440793307
	1,604935823	0,367470894	12,87553702	195734,4	0,146621908	0,441256286	0,412121805
	2,060008263	0,41463872	12,50837726	185144,4	0,146946333	0,413856029	0,439197638
	1,593093539	0,366435684	12,87959391	195919,5	0,147249962	0,441122422	0,411627616
	1,946630396	0,402888403	12,59177389	187649,9	0,147675487	0,419604865	0,432719648
	1,6228426	0,369564048	12,85106573	195152,8	0,147741522	0,438705376	0,413553102
	2,10757197	0,419942774	12,46365355	183933,1	0,147821918	0,409872279	0,442305803
	2,07062078	0,416111304	12,48961515	184729,7	0,148182666	0,41158209	0,440235244
	1,942301053	0,40278031	12,58440446	187572	0,148946153	0,418170732	0,432883115
	2,168224128	0,426775071	12,4062387	182382,2	0,14903046	0,404669859	0,44629968
	1,893000592	0,397651381	12,62273967	188695,6	0,149039884	0,420967671	0,429992445
	2,095509303	0,419037345	12,46179759	184023,2	0,149176874	0,408784287	0,442038839
	1,639935727	0,371673447	12,82412032	194538,7	0,149233004	0,435707891	0,415059104
	1,506142794	0,358212579	12,93252203	197659,6	0,149277442	0,443577627	0,407144931
	2,118399411	0,421524843	12,44256127	183477,9	0,149337614	0,407213894	0,443448492
	1,838157562	0,392118428	12,66098832	189873,1	0,149677323	0,423369637	0,42695304
	1,401685902	0,347982302	13,01254447	200020,5	0,14990445	0,448933698	0,401161852
	2,128421086	0,422856514	12,42707677	183123	0,15026616	0,405384501	0,44434934
	1,977246878	0,406817119	12,54543114	186581,5	0,150293802	0,414306636	0,435399562

Table 9j: Sorted MC Simulations results for SPGSAGTR for the Recession period – Part 10

SPGSAGTR 10							
	1,65793101	0,373776451	12,80011158	193963,8	0,150321065	0,43319372	0,416485216
	2,199389961	0,430608361	12,36817422	181444,5	0,150722531	0,400571499	0,44870597
	1,509645047	0,358919845	12,91679574	197365,9	0,150738474	0,441426082	0,407835444
	2,098896158	0,419849991	12,44574381	183725,3	0,150798459	0,406425955	0,442775585
	1,501387445	0,358231437	12,9185667	197477,6	0,151304976	0,44116168	0,407533344
	1,730419163	0,381557336	12,72906579	192070,3	0,151801275	0,426928402	0,421270323
	1,501411906	0,358378784	12,9133235	197391,2	0,151903145	0,44036433	0,407732525
	1,768766212	0,38557921	12,69574539	191138,8	0,152109087	0,424246309	0,423644604
	1,929725612	0,4023665	12,56609305	187396,6	0,152315892	0,414432335	0,433251773
	1,923770001	0,401754438	12,57041314	187527,2	0,152362258	0,414723585	0,432914157
	2,07948716	0,418308716	12,44520192	183910,5	0,15271737	0,405022946	0,442259684
	1,812456213	0,390611853	12,64402359	189851,1	0,154121394	0,418979645	0,426898961
	1,461552753	0,354964015	12,92525954	197986,1	0,15427128	0,439575521	0,406153199
	2,034758353	0,413980387	12,46727571	184720,9	0,154301859	0,405565412	0,440132728
	1,40596093	0,349499032	12,96830544	199250	0,154540761	0,442511454	0,402947786
	1,945837346	0,404763939	12,53146867	186665,9	0,154981768	0,409930406	0,435087826
	1,791640515	0,388782297	12,64998388	190157,3	0,155398147	0,418514431	0,426087423
	1,706334111	0,380080651	12,71515236	192082,3	0,155742442	0,423111769	0,421145789
	1,869901011	0,397043453	12,58388784	188287,5	0,155892991	0,413218121	0,430888888
	1,479446813	0,357199182	12,89447547	197300,8	0,156163672	0,435997135	0,407839193
	2,061552976	0,417510846	12,42602989	183774,5	0,156841867	0,400597868	0,442560265
	1,931279632	0,403742443	12,52711721	186739,9	0,156931096	0,408199427	0,434869477
	1,844596571	0,394870221	12,58906237	188625,7	0,157714119	0,412294594	0,429991286
	1,761317865	0,386403864	12,64937437	190450,5	0,158408539	0,416305905	0,425285556
	1,888723387	0,399773201	12,54504466	187460,4	0,158863634	0,408150043	0,432986324
	1,816874747	0,392354455	12,59912805	189068,5	0,159179838	0,411987221	0,428832941
	1,73486966	0,383889163	12,66333983	190944,7	0,15927504	0,416720351	0,424004609
	1,335034456	0,343669049	12,9819189	200183,2	0,159718514	0,439825392	0,400456094
	1,97037285	0,408619874	12,47326046	185463,1	0,159853278	0,401994534	0,438152188
	1,502684642	0,360472004	12,84186806	196203,1	0,160184404	0,429270179	0,410545417
	1,406848086	0,35092577	12,91810904	198415,5	0,160348876	0,434730824	0,404920301
	1,783460028	0,389247581	12,61384667	189644,7	0,160636618	0,412029115	0,427334267
	1,908755014	0,402334394	12,51497352	186765,4	0,16067251	0,404556103	0,434771387
	1,457937917	0,35616722	12,87144613	197137,1	0,160978449	0,430865442	0,408156109
	1,42699836	0,353298668	12,88838042	197725	0,161957924	0,431395736	0,40664634
	1,949325979	0,406957885	12,47248286	185660,8	0,162053379	0,400314448	0,437632173
	1,44760656	0,355393609	12,87039418	197223,1	0,162116691	0,4299632	0,407920109
	1,352419038	0,345932537	12,94723056	199438,8	0,162162033	0,43554389	0,402294076
	1,69764482	0,380788232	12,66870583	191405,2	0,162278792	0,414929699	0,422791509
	1,767345622	0,388114348	12,60915737	189728,7	0,16282749	0,410069001	0,42710351
	1,389085265	0,349750074	12,91074648	198472	0,162970124	0,432295755	0,404734121
	1,71389448	0,382718321	12,64727473	190890,2	0,163351998	0,412538742	0,42410926
	1,403749052	0,351322308	12,89470727	198061,6	0,163475118	0,430754821	0,405770061
	1,366533522	0,347664627	12,92332451	198904,4	0,163663926	0,432709074	0,403627
	1,562627798	0,367405919	12,76266066	194300,8	0,163985283	0,420660512	0,415354205
	1,857731055	0,397950049	12,52463804	187434,7	0,164554221	0,40241504	0,43303074
	1,714682891	0,383147643	12,63516101	190683,1	0,164809084	0,410553276	0,42463764
	1,636272515	0,3751657	12,69498195	192451,1	0,165106541	0,414804262	0,420089197
	1,839328471	0,39619335	12,53372309	187768,1	0,165243668	0,402588264	0,432168067
	1,737185231	0,385600388	12,61314732	190096	0,165351665	0,408497801	0,426150534
	1,373377609	0,348802583	12,90078428	198465,2	0,165741894	0,429538614	0,404719492
	1,445325393	0,356094601	12,83865203	196723,8	0,166245236	0,424605103	0,409149661
	1,768507862	0,389141975	12,57884641	189218,5	0,166596433	0,404985312	0,428418255
	1,79532515	0,391931166	12,55775209	188603,4	0,166602459	0,403388043	0,430009498
	1,412039536	0,352911885	12,86011893	197409,7	0,166911001	0,425691855	0,407397144
	1,373624134	0,349386656	12,8799235	198119,6	0,168307203	0,426110703	0,405582094
	1,556497591	0,367909088	12,72854358	193800,9	0,168917752	0,414460847	0,416621401
	1,63569374	0,376011706	12,66487966	191961,8	0,169023295	0,409627079	0,421349626
	1,474325867	0,359724125	12,78973196	195629,1	0,169479724	0,418582786	0,41193749
	1,695822847	0,382951644	12,5923787	190168	0,172338839	0,40165216	0,426009001
	1,509898831	0,364032048	12,73609874	194391,2	0,17274901	0,412124667	0,415126323
	1,567995227	0,370223503	12,68002832	192888	0,174075172	0,406917208	0,419007621
	1,670008101	0,380680316	12,59969893	190546,5	0,174078896	0,400866746	0,425054358
	1,285413083	0,34191508	12,90338628	199387,7	0,174365475	0,423277378	0,402357146
	1,447055276	0,3581767	12,76884997	195558,3	0,175020372	0,412826727	0,412152901
	1,559434123	0,369580778	12,67891533	192955,3	0,175129231	0,406022066	0,418848703
	1,366066391	0,35008697	12,83257032	197416,3	0,175146376	0,417458649	0,407394974
	1,286388807	0,342197551	12,89558637	199249,6	0,175272788	0,422012319	0,402714893
	1,350868832	0,348724352	12,83913234	197676,2	0,175882224	0,417380199	0,406737577
	1,355096197	0,349303153	12,82995996	197483,1	0,176644837	0,416114973	0,40724019
	1,409093542	0,354723688	12,78612893	196222,2	0,176739958	0,412788407	0,410471635
	1,255711592	0,339512495	12,9072153	199747,7	0,176976165	0,42156387	0,401459965
	1,372507233	0,351126648	12,81291674	197028,7	0,177058946	0,414532159	0,408408895
	1,415034896	0,355477144	12,77574168	195991,9	0,177495386	0,411431166	0,411073448
	1,526228806	0,366891448	12,68134785	193327,3	0,178350644	0,403703598	0,417945758
	1,525870298	0,36719528	12,66987848	193142,3	0,179968248	0,401572521	0,41845923
	1,276947408	0,342278941	12,86493601	198839,9	0,180317903	0,415859	0,403823096
	1,30856179	0,345485278	12,83704789	198065	0,18066825	0,413519305	0,405812445
	1,296440198	0,344374611	12,8432507	198288,3	0,181139039	0,413611243	0,405249718
	1,477189493	0,362525012	12,69881694	194105,1	0,181272032	0,402722688	0,41600528
	1,236277892	0,338518085	12,88772258	199621,4	0,181636981	0,416514051	0,401848968
	1,2567833	0,340580122	12,86990137	199123,2	0,181824809	0,415048938	0,403126253
	1,494086099	0,364478444	12,67711562	193579,1	0,182445015	0,400160633	0,417394353
	1,207131307	0,335812551	12,90476062	200193,1	0,182493439	0,417101771	0,40040479
	1,295603196	0,34459049	12,83277571	198124,3	0,182655588	0,411642984	0,405701428
	1,228886335	0,338004901	12,88542146	199657,5	0,182749509	0,415471804	0,401778687
	1,432056511	0,358392167	12,71932316	194893,7	0,183377196	0,402596317	0,414026487
	1,307387601	0,346070762	12,81193721	197663,7	0,184233086	0,408845655	0,406921258
	1,411077875	0,356458693	12,72946131	195270,2	0,184278305	0,402640575	0,413081119
	1,289036853	0,344309253	12,82418664	198048,7	0,184559179	0,409499275	0,405941546
	1,236028079	0,339146007	12,86312462	199219,3	0,18501972	0,412027913	0,402952367
	1,24577527	0,340465151	12,84191503	198773	0,186889365	0,408962594	0,404148041
	1,332314417	0,349101764	12,77210302	196759,3	0,187049004	0,403621686	0,40932931
	1,210611204	0,337043245	12,86796438	199553,1	0,187166541	0,410677694	0,402155765
	1,213026409	0,337309054	12,8649843	199479,9	0,187313892	0,410338505	0,402347603
	1,216128668	0,337937574	12,85023707	199206,3	0,189044116	0,407852488	0,403103396
	1,183975283	0,334947384	12,86896019	199835,8	0,190021431	0,408457591	0,401520978
	1,234052093	0,340266145	12,81497272	198447	0,192067946	0,402766915	0,405165139
	1,238731276	0,340903907	12,80472433	198231,7	0,193025191	0,401215942	0,405758867
	1,161364783	0,333330806	12,86353969	199972,8	0,193390191	0,405315195	0,401294614
	1,197308513	0,336914353	12,83340334	199117,6	0,193626695	0,402870407	0,403502897

Table 10a: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 1

SPGSINTR 1	Mean Return	Sharpe Ratio	Standard Deviation	VaR	Commodity Weight	Stock Weight	Bond Weight
	3,763195893	0,541096082	12,73275745	171803,3	0,009085892	0,496199131	0,494714978
	3,828661507	0,548622586	12,67740513	170238,1	0,009410861	0,491881592	0,498707547
	3,726053842	0,537235622	12,7551168	172542,5	0,009774242	0,497472684	0,492753074
	3,76551923	0,541722838	12,72231485	171608,3	0,009905857	0,494956525	0,495137618
	3,820747352	0,548303013	12,67036012	170201,4	0,010685803	0,490632592	0,498681605
	3,709083903	0,535955622	12,75391636	172692,4	0,011186291	0,496575595	0,492238113
	3,706603092	0,535737767	12,75447202	172726,4	0,011323294	0,496538	0,492138706
	3,627638375	0,528142077	12,7883915	174073,9	0,014158293	0,497397404	0,488444303
	3,615849687	0,527159013	12,78987704	174216,3	0,014937462	0,497046082	0,488016456
	3,603808545	0,525938087	12,7966732	174448,5	0,015218904	0,497380417	0,487400678
	3,809006141	0,549101971	12,63054182	169663,9	0,015465944	0,484887067	0,499646989
	3,752579382	0,542764133	12,67406639	170944	0,015586417	0,488068701	0,496344882
	3,570427323	0,52246411	12,81786914	175130,9	0,015773319	0,498611576	0,485615104
	3,556765334	0,521421317	12,81730223	175258,2	0,016913462	0,497884851	0,485201687
	3,7735524	0,545821379	12,64150129	170198,7	0,017161849	0,484702867	0,498135284
	3,724626126	0,54044716	12,67667943	171266,6	0,017529135	0,487107421	0,495363444
	3,612879435	0,528214699	12,7586921	173733	0,018253603	0,49275354	0,488992858
	3,605994648	0,527455449	12,76400487	173889,3	0,018274645	0,493133192	0,488592163
	3,696334155	0,537628903	12,69050714	171776,9	0,018397793	0,487613531	0,493988676
	3,656613343	0,53318412	12,72180164	172688,9	0,018439777	0,489910898	0,491649324
	3,767641309	0,545893891	12,62899382	170052	0,018879888	0,48273808	0,498382032
	3,564304003	0,52307435	12,79120888	174753,6	0,018903476	0,494756509	0,486340015
	3,719374952	0,540569859	12,66408792	171112	0,019206101	0,485158872	0,495635028
	3,764788941	0,546362383	12,61294414	169816,6	0,020727705	0,480417147	0,498855148
	3,646627422	0,53327215	12,70097584	172446,2	0,021340588	0,486593786	0,492065626
	3,687829322	0,538122876	12,66305318	171410,4	0,021852531	0,483462217	0,494685252
	3,604180516	0,528745346	12,72943553	173338,8	0,021902032	0,488352725	0,489745243
	3,445801202	0,51117828	12,85706128	177021,8	0,02190958	0,49772846	0,48036196
	3,449709727	0,511722646	12,85102203	176883,4	0,02220082	0,49710438	0,4806948
	3,716818519	0,541604251	12,63518109	170662	0,022341961	0,481084737	0,496573302
	3,681921363	0,537690629	12,66224528	171456,2	0,022415592	0,483053599	0,494530808
	3,570241221	0,525200752	12,75072526	174028,4	0,022508428	0,489546912	0,48794466
	3,461201501	0,513241438	12,83538366	176511,3	0,022844677	0,495555742	0,481599581
	3,437314594	0,511267	12,83823103	176797	0,024534491	0,494694275	0,480771234
	3,615093334	0,531178715	12,69166556	172608,4	0,024880468	0,483692506	0,491427026
	3,514657092	0,519997873	12,77141062	174924,4	0,024977407	0,489513951	0,485508642
	3,340014053	0,500790079	12,91252282	178992	0,025032218	0,499789821	0,475177961
	3,466193074	0,514692004	12,80890764	176025,9	0,025146643	0,492157986	0,482695371
	3,365566326	0,504151707	12,87710725	178153,9	0,026540574	0,496242998	0,477216428
	3,497934323	0,518994371	12,76388333	174967,9	0,027161416	0,487561982	0,485276601
	3,696796685	0,541349717	12,60413692	170351,6	0,027211902	0,475708933	0,497079166
	3,612848594	0,532123026	12,66492434	172191	0,027860176	0,479810318	0,492329506
	3,737150079	0,546428967	12,56082632	169235,7	0,028403127	0,471712303	0,499884571
	3,273477695	0,494798483	12,93441105	180017,4	0,028405485	0,499187367	0,472407148
	3,5736043	0,528140928	12,68610936	172931,9	0,028942032	0,480678198	0,49037977
	3,535189582	0,523850665	12,71667539	173818,8	0,028971423	0,482915133	0,488113443
	3,559105287	0,526614766	12,695342	173228,7	0,029196186	0,481194964	0,48960885
	3,475946265	0,5173381	12,76224492	175160,8	0,029200026	0,486117976	0,484681998
	3,603586172	0,53170049	12,65756862	172162,6	0,029422536	0,478253918	0,492323546
	3,399940986	0,509380708	12,81240173	176745,8	0,030404253	0,488999495	0,480596252
	3,592486245	0,530841263	12,65714627	172266,7	0,030414381	0,477575193	0,492010426
	3,346509143	0,503591643	12,85358584	177957,6	0,030642591	0,491844818	0,477512591
	3,19943201	0,488158435	12,95866429	181156,7	0,032266787	0,498372295	0,469360918
	3,429384887	0,513509417	12,76672627	175700,1	0,032741892	0,48410457	0,483153538
	3,467247089	0,51785445	12,73272125	174762,2	0,033111203	0,481363119	0,485525678
	3,590820587	0,531709636	12,63334236	171891,8	0,033124002	0,474022635	0,492853363
	3,598346064	0,532692043	12,6241708	171665,7	0,033467408	0,473113913	0,493418679
	3,629234551	0,536279262	12,59732437	170915,2	0,033706351	0,470961413	0,495332236
	3,481917411	0,519771459	12,71398529	174307,3	0,033861162	0,479483138	0,486655699
	3,61487833	0,534741548	12,60670247	171213	0,033932949	0,471506848	0,494560203
	3,616087616	0,534964572	12,60370731	171151,7	0,034155067	0,471135875	0,494709058
	3,151033634	0,4836201	12,98019437	181994,9	0,034233564	0,498590217	0,467176218
	3,230079675	0,492271861	12,91263924	180093,2	0,034515087	0,493526418	0,471958495
	3,699304359	0,544646969	12,53243664	169147,2	0,034712863	0,465452627	0,49983451
	3,683944947	0,543050658	12,54099247	169441,5	0,035112996	0,465823672	0,499063332
	3,634054247	0,537470251	12,57837714	170555,4	0,035365098	0,468440593	0,49619431
	3,450551685	0,516861545	12,72487966	174800,1	0,035435404	0,479220618	0,485343978
	3,211402192	0,490598343	12,91861573	180378,3	0,035531052	0,493264253	0,471204695
	3,493070521	0,52174603	12,68724516	173755,9	0,03580627	0,476201109	0,487992621
	3,524438762	0,525277814	12,66165799	173021,4	0,035847893	0,47428607	0,489866037
	3,242424489	0,494431418	12,88120764	179452,8	0,036845267	0,489654873	0,47349986
	3,407674267	0,512784179	12,74244371	175517,8	0,037321176	0,479220512	0,483458312
	3,447335107	0,517209945	12,71008891	174589	0,037356049	0,476823132	0,485820819
	3,231857158	0,493481394	12,88459202	179614,1	0,037425851	0,489498768	0,473075381
	3,324089766	0,503683698	12,80672584	177411	0,037712726	0,483646292	0,478640982
	3,085543255	0,477883258	12,998975	182958,7	0,038085282	0,497281055	0,464633664
	3,415471721	0,513953113	12,72863386	175212,7	0,038156273	0,477633107	0,484210619
	3,659260811	0,541429909	12,5329428	169556	0,038194166	0,46313457	0,498671264
	3,511428368	0,524792058	12,6485863	172936,4	0,038463922	0,471531944	0,490004134
	3,269210679	0,497966653	12,8435507	178565,5	0,038590912	0,485715173	0,475693915
	3,641131721	0,539603391	12,54176884	169882,4	0,038823152	0,46336137	0,497815479
	3,387133913	0,511092408	12,74443345	175755,9	0,038953115	0,478238709	0,482808177
	3,547301819	0,529068554	12,61415187	172011,3	0,039102372	0,46854568	0,492351948
	3,345556212	0,506579379	12,77589604	176689,2	0,039205216	0,480362983	0,480431801
	3,590703712	0,534039601	12,57800541	170982,7	0,039267127	0,465751578	0,494981295
	3,395244144	0,51212724	12,73451773	175511,7	0,039329154	0,477251359	0,483419488
	3,533342611	0,527586515	12,62312757	172298,5	0,039351004	0,469037897	0,491611099
	3,138026509	0,483996444	12,94322687	181516,9	0,039468119	0,49230738	0,4682245
	3,099076852	0,479853387	12,97380886	182409,4	0,03963795	0,494386772	0,465975278
	3,483646726	0,522177186	12,65872233	173381	0,039835742	0,47132979	0,488834468
	3,506975978	0,524807115	12,63973955	172835,5	0,039863224	0,469910215	0,490226561
	3,271016131	0,498608451	12,83063973	178335,1	0,03987012	0,483884421	0,47624546
	3,071105272	0,477073908	12,99076398	182968	0,04032485	0,495118818	0,464556332
	3,291543128	0,501070535	12,80856077	177766,6	0,040471667	0,481857349	0,477670984
	3,286979543	0,500631456	12,81067887	177847,1	0,040652229	0,481884485	0,477463285
	3,445468367	0,518227947	12,68151916	174137,7	0,040734702	0,472380957	0,486884342
	3,603974998	0,536125	12,55383404	170452,4	0,040811643	0,462883827	0,496304531
	3,646216725	0,541171937	12,51481374	169388,2	0,04143318	0,459542955	0,499023864
	3,142276007	0,485126078	12,92184766	181122,7	0,041475853	0,489350085	0,469174062

Table 10b: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 2

SPGSINTR 2							
	3,517878689	0,526725024	12,61441485	172309,9	0,041751602	0,466719469	0,491528929
	3,091068188	0,479835215	12,95760975	182223	0,042202327	0,491405834	0,466391839
	3,235891881	0,495706996	12,83488273	178756,1	0,04263706	0,482237454	0,475125487
	3,456402128	0,520222529	12,6539145	173574,4	0,042885518	0,468834731	0,488279752
	3,528518932	0,528383691	12,59495385	171883,4	0,043011032	0,464391798	0,49259717
	3,090646899	0,480069841	12,95039939	182108,6	0,043061293	0,490273327	0,46666538
	3,044351792	0,47535331	12,98150437	183083,2	0,043875423	0,49191982	0,464204757
	3,595659023	0,536413083	12,53158902	170169,7	0,044146585	0,458882749	0,496970667
	3,025103881	0,473410617	12,99411743	183483,2	0,044254884	0,492549162	0,463195954
	3,347313597	0,508627964	12,72789411	175882,1	0,044516562	0,473101691	0,482381747
	3,126445996	0,484427193	12,90781228	181050,2	0,044562644	0,486128694	0,469308663
	3,428685995	0,517713233	12,66171086	173979,8	0,044567283	0,468211037	0,48722168
	3,59531006	0,53664246	12,52558236	170074,4	0,044882597	0,457911638	0,497205765
	3,495450317	0,525407819	12,60335181	172352,2	0,045116643	0,463514164	0,491369193
	3,000974367	0,471200895	13,00384551	183884,5	0,045434843	0,492389111	0,462176045
	3,199465667	0,492750024	12,83797998	179171,3	0,045713057	0,480251184	0,47403576
	3,20543147	0,493510653	12,83028178	178985	0,046041484	0,479455074	0,474503442
	3,565137342	0,533634547	12,53964282	170607,4	0,046057797	0,458116133	0,495826069
	2,971265732	0,468314879	13,0205451	184456,3	0,046353862	0,492911314	0,460734824
	2,941827271	0,465192517	13,04465639	185147,2	0,046394475	0,494601175	0,45900435
	3,502674093	0,526683544	12,58653976	172003,4	0,046414136	0,461337669	0,492248195
	2,89877619	0,460850764	13,07413577	186062,6	0,047133957	0,49615601	0,456710033
	3,382586489	0,513478716	12,67634969	174681,5	0,047213454	0,467377227	0,485409319
	3,30076718	0,504403266	12,74221815	176583,2	0,047258954	0,472164706	0,48057634
	2,915101832	0,462621181	13,05939146	185656,9	0,047266649	0,495009712	0,45772364
	3,355600143	0,510496625	12,69753627	175299,9	0,047287263	0,468877038	0,483835699
	3,059353087	0,47809369	12,93847311	182225,4	0,047421739	0,486252078	0,466326182
	3,210245049	0,494657959	12,81025444	178607,5	0,047930986	0,47662367	0,475445344
	3,52430658	0,530082021	12,54665427	171131	0,049110926	0,456421703	0,494467372
	3,130070678	0,4863032	12,86547148	180317,5	0,049167505	0,479708745	0,47112375
	3,276875836	0,502403634	12,74537975	176874,1	0,049188446	0,470980531	0,479831023
	3,613415295	0,540318849	12,47386536	169042,7	0,049335782	0,450837926	0,499826292
	3,465475938	0,523626789	12,58897624	172415,5	0,04968524	0,459134236	0,491180525
	2,94028756	0,466035084	13,0177685	184720,4	0,049694247	0,490245913	0,46005984
	2,823702779	0,453722341	13,11408215	187470,4	0,049800673	0,497011571	0,453187755
	3,205666689	0,494832219	12,79649084	178426,9	0,050013856	0,474088285	0,475897859
	3,148781979	0,488613731	12,84292857	179759,6	0,05002527	0,477444017	0,472530713
	3,570564546	0,535730358	12,50071743	169912,9	0,050209416	0,452200116	0,497590468
	2,847991224	0,456420172	13,08978186	186827,8	0,050272781	0,49493601	0,454791209
	3,382087765	0,514518757	12,64975659	174249,1	0,050444245	0,463053226	0,486502528
	3,436713842	0,520786908	12,60239653	172923,8	0,050856554	0,459260372	0,489883075
	3,470195258	0,524621586	12,57410046	172123,6	0,051031853	0,45703997	0,491928177
	3,600681651	0,539657237	12,46556232	169033,4	0,051584688	0,448562105	0,499853208
	3,127050923	0,486860667	12,84453771	180003,3	0,051975973	0,476103236	0,471920792
	3,342255642	0,510725383	12,66572042	174910	0,052416053	0,462756716	0,484827232
	3,461182219	0,524130346	12,56868933	172124,7	0,052581143	0,455486404	0,491932454
	3,123300666	0,486735502	12,84013579	179968,4	0,05288451	0,475101213	0,472014278
	3,058407658	0,479714085	12,89279828	181483,6	0,052965751	0,47883744	0,468196809
	3,130321186	0,487628028	12,83103124	179748,5	0,053293345	0,474134248	0,472572408
	3,039326717	0,477785695	12,90489868	181873,4	0,053406877	0,479373792	0,467219331
	2,946725723	0,467854295	12,98091106	184049,7	0,05347494	0,484769815	0,461755246
	3,027286033	0,476547642	12,91315865	182129,7	0,053610632	0,479812786	0,466576582
	2,943685216	0,467653604	12,97998014	184064,8	0,053895198	0,484383695	0,461721107
	3,151651036	0,490284758	12,80500813	179107,1	0,054344098	0,471454283	0,474201619
	2,903438949	0,463514236	13,00906801	184945,7	0,054423627	0,486056709	0,459519664
	2,997603743	0,473595397	12,93098085	182719,7	0,054428476	0,480469762	0,465101762
	3,140484003	0,489153698	12,81178758	179330,3	0,0546351	0,471723935	0,473640965
	3,341032686	0,511342746	12,64803696	174631,4	0,054723327	0,459720093	0,485556581
	2,791071738	0,451789564	13,09795862	187531,5	0,055014895	0,49191909	0,453066015
	3,369748922	0,514738089	12,62039538	173889,5	0,055283716	0,457263169	0,487453114
	2,860377818	0,459215829	13,03706605	185836,9	0,055383926	0,487314583	0,457301491
	3,392456379	0,517330686	12,60104191	173344,1	0,055418978	0,455735208	0,488845814
	3,522679831	0,532119911	12,49554651	170306,7	0,055579766	0,447801216	0,496619018
	2,761830179	0,449098088	13,11134384	188044,1	0,056376829	0,491816776	0,451806395
	3,059858565	0,480917863	12,86354347	180987,9	0,05642098	0,474095466	0,469483554
	3,455417219	0,524764455	12,54251584	171751,9	0,056431517	0,450639595	0,492928889
	2,715676022	0,444405436	13,14593572	189074,6	0,056886894	0,49386465	0,449248456
	3,29156041	0,506530351	12,67053331	175496,1	0,056918553	0,459693818	0,48338763
	3,241079356	0,500958338	12,71069498	176661,5	0,057015326	0,462555031	0,480429643
	3,007684558	0,475498719	12,90042136	182116,2	0,057181988	0,476161939	0,466656073
	2,968829299	0,471513205	12,92705805	182942,9	0,057864977	0,477544245	0,464590778
	2,856659233	0,459538795	13,01981154	185590,3	0,05790459	0,48413831	0,4579571
	3,451556267	0,524858789	12,53290537	171632,4	0,058052141	0,44868458	0,49326328
	2,815035188	0,455225704	13,05173327	186531,6	0,058252073	0,486136801	0,455611125
	3,099874701	0,485830728	12,81582991	179802,9	0,058287943	0,469208252	0,472503805
	2,934129592	0,467954291	12,95121976	183687,3	0,058437425	0,478829241	0,462733334
	2,987012426	0,473666971	12,90666666	182425,7	0,058540694	0,47555613	0,465903175
	3,415420556	0,520957269	12,55740196	172396,7	0,058622564	0,450057404	0,491320032
	2,748548276	0,448342198	13,10382465	188053,3	0,058691787	0,489484438	0,451823774
	2,827946128	0,456742727	13,03665072	186154,4	0,058792382	0,484643594	0,456564024
	3,022846276	0,477612312	12,87507754	181547,7	0,058798852	0,473084665	0,468116483
	2,864429588	0,460664208	13,00487157	185266,8	0,058967523	0,482245498	0,458786979
	2,612179043	0,43422786	13,21570734	191257,3	0,059048795	0,497084903	0,443866302
	2,718434682	0,44533905	13,12457095	188695,6	0,059256736	0,490507756	0,450235508
	3,303222306	0,508632923	12,64108414	174895,1	0,059473435	0,455559953	0,484966612
	2,7334902	0,447018857	13,10893128	188287,8	0,059634955	0,489105875	0,45125917
	3,549971121	0,53664107	12,44112829	169138,6	0,059786834	0,440514766	0,4996984
	2,683379191	0,441867146	13,14836037	189437,5	0,059968383	0,491626262	0,448405354
	2,59612065	0,432916694	13,21863999	191466,1	0,060381573	0,496240614	0,443377813
	3,023185279	0,478204922	12,85983114	181293,5	0,060707696	0,47049237	0,468799934
	3,250205559	0,503191267	12,67242747	175940,8	0,060968489	0,456687227	0,482344284
	2,78045104	0,452336957	13,05862857	186990,8	0,061027305	0,484446654	0,454526041
	3,394266016	0,519339835	12,55577725	172581,5	0,061036446	0,448058315	0,490905239
	2,772070998	0,45148562	13,06469135	187174,3	0,061147243	0,484781654	0,454071103
	3,301192417	0,509020588	12,62746898	174691,5	0,061454458	0,45301078	0,485534761
	3,391242058	0,519146702	12,5546234	172592,8	0,061506222	0,447604488	0,49088929
	3,148210202	0,492144154	12,74963733	178230,8	0,061711231	0,461730835	0,476557934
	2,565937756	0,430183089	13,23247514	191995,5	0,061859671	0,496037552	0,442102777
	2,670521736	0,441033068	13,14407336	189495,6	0,061882346	0,489809121	0,448308533
	2,606870043	0,434460499	13,19641103	190992,9	0,062046799	0,493359656	0,444593545

Table 10c: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 3

SPGSINTR 3	3,464681186	0,527673452	12,4909268	170810,7	0,062162424	0,442368079	0,495469497
	2,497639546	0,423258687	13,28759219	193585	0,0622137	0,499607992	0,438178308
	2,546714867	0,428322695	13,24507016	192394,9	0,062327618	0,496546175	0,441126208
	3,436945282	0,524684843	12,50921318	171388,8	0,062673926	0,443322511	0,494003563
	2,592034513	0,433096759	13,20370948	191261,3	0,062714342	0,493339314	0,443946344
	3,168086399	0,494642224	12,72543135	177633,9	0,062758267	0,459142026	0,478099706
	3,513922871	0,53348967	12,44704914	169596,5	0,062786982	0,438608305	0,498604713
	3,32698536	0,512335962	12,59609925	173917,5	0,062846882	0,449605915	0,487547203
	2,488139837	0,422477341	13,28968105	193714,4	0,062975351	0,499144626	0,437880023
	2,503905725	0,424113841	13,27557475	193324,7	0,06306693	0,498086899	0,43884617
	2,661738582	0,440453499	13,14142779	189539,9	0,063168194	0,488596924	0,448234882
	3,05703761	0,48262287	12,81225418	180172,5	0,063273157	0,465029196	0,471697646
	2,926394983	0,468516008	12,91918345	183237,7	0,063361458	0,472652377	0,463986164
	3,158300433	0,493764084	12,72824394	177778	0,063437128	0,458807186	0,477755686
	2,575303747	0,431596937	13,21082828	191545,8	0,063614807	0,493117421	0,443267772
	2,92925158	0,468993361	12,91212491	183093	0,063975575	0,471655554	0,46436887
	2,637293029	0,438132988	13,15523473	190011,4	0,064041224	0,488869196	0,447089581
	2,868411749	0,462592974	12,95925652	184476,7	0,064403424	0,474684521	0,460912055
	3,264817316	0,505928321	12,63275116	175142,1	0,064644067	0,450868387	0,484487546
	3,11037277	0,488946779	12,75562559	178707,6	0,064989332	0,459555858	0,47545481
	2,718245198	0,446859054	13,0795033	187956,2	0,065050939	0,482711182	0,45223788
	2,95349549	0,471906185	12,88379968	182384,7	0,065068888	0,468745546	0,466185566
	2,642375452	0,439181934	13,13538714	189634,1	0,066072302	0,485831081	0,448096616
	3,13669052	0,492152306	12,7260194	177957,5	0,066079534	0,456527142	0,477393324
	2,844814031	0,460548085	12,96555886	184816,3	0,066156679	0,473720428	0,460122893
	3,203434362	0,499599421	12,66991788	176367,3	0,066329605	0,45223478	0,481435615
	2,631716703	0,438219377	13,1399164	189815,2	0,066656564	0,485675438	0,447667998
	2,815629609	0,457605264	12,98516285	185430,6	0,066775364	0,474616271	0,458608366
	2,58015723	0,432932539	13,18128343	191011,2	0,066930328	0,488362063	0,444707609
	2,792733465	0,45522389	13,0027946	185949,6	0,066965367	0,475717113	0,45731752
	2,386576589	0,413172491	13,34315809	195609,7	0,06724431	0,49941098	0,433344711
	3,323573204	0,513308281	12,56559209	173449,9	0,067330581	0,443766253	0,488903166
	2,437037757	0,41836283	13,29823453	194366,1	0,067498221	0,496078389	0,43642339
	2,646433155	0,440090913	13,117477	189299	0,067992224	0,48300348	0,449004296
	3,253870442	0,505824842	12,61369387	174938,1	0,068437042	0,446406014	0,485156945
	2,87005837	0,463997642	12,92357353	183873,3	0,068983783	0,468414813	0,462601403
	2,350651487	0,409966506	13,35987375	196243,9	0,069085371	0,499059112	0,431855516
	3,07212062	0,485920092	12,75635643	179102,2	0,069118965	0,456258002	0,474623033
	2,972502585	0,475078508	12,83777681	181437,6	0,069153439	0,46211513	0,468731431
	2,610268214	0,4366386	13,13836542	190004,2	0,069267117	0,48342875	0,447304133
	2,384187972	0,413429788	13,32907644	195401,9	0,069374427	0,496682159	0,433943415
	2,758172946	0,452192756	13,01352606	186471,7	0,069394221	0,474492316	0,456113463
	3,432632056	0,526281267	12,46307202	170673	0,06945283	0,434443414	0,496103756
	3,311445716	0,512631455	12,55852509	173454,9	0,069660623	0,441345176	0,488994201
	3,014157994	0,479745839	12,79970928	180394,9	0,069682414	0,458933735	0,471383851
	2,607567471	0,436470228	13,13724597	190012,8	0,069724047	0,48297308	0,447302873
	2,619520673	0,437717114	13,12713112	189726,9	0,069732189	0,482253735	0,448014076
	2,834303756	0,460378404	12,94750793	184624,5	0,069760512	0,469487052	0,460752435
	3,158617876	0,495740962	12,67812755	176950,5	0,070195105	0,449681864	0,480123031
	2,966935123	0,474766783	12,83447919	181439	0,070235421	0,460987078	0,468777501
	2,865908769	0,463891311	12,91759061	183816,4	0,070270101	0,466927389	0,46280251
	3,14298625	0,494047113	12,68995478	177301,3	0,070316367	0,450444826	0,479238807
	2,306742123	0,405821173	13,38814176	197147,9	0,070321876	0,499995062	0,429683061
	2,542566832	0,429887846	13,18719792	191484,4	0,070378114	0,485943792	0,443678094
	2,55702418	0,431383944	13,17497679	191138,8	0,070380431	0,485083895	0,444535674
	3,271932024	0,508424705	12,58471753	174280,9	0,070444496	0,442630561	0,486924944
	2,469161111	0,422373399	13,24801799	193218,9	0,070554076	0,490056864	0,439389061
	2,7386704	0,450495144	13,01927389	186761,3	0,070827716	0,473716417	0,455455867
	2,681467042	0,44450652	13,06598678	188101,7	0,070977932	0,476903994	0,452118074
	2,550921196	0,430920647	13,17497898	191199,9	0,071078654	0,484504702	0,444416644
	3,312211465	0,513154206	12,54722395	173261,4	0,07116532	0,439272187	0,489562493
	3,426803114	0,526163062	12,4547937	170595,1	0,071283884	0,432321467	0,496394649
	2,318024842	0,407195724	13,3706564	196747,5	0,0713733	0,49790961	0,430717091
	2,8087202	0,458083118	12,95653396	185028,8	0,071437129	0,468743915	0,459818956
	3,315918405	0,51366484	12,54196739	173137,8	0,071489146	0,438616144	0,48989471
	2,604491258	0,436604926	13,12614721	189861	0,071584078	0,480648954	0,447766968
	2,801909966	0,457422641	12,96035374	185159,7	0,071691072	0,468805312	0,459503616
	2,791044499	0,456268443	12,96932509	185416	0,071699077	0,469438436	0,458862487
	3,244504886	0,505734218	12,59743543	174764,3	0,071769546	0,442470421	0,485760033
	2,31094564	0,406615867	13,37231367	196845,5	0,07196734	0,497528657	0,430504003
	3,214157052	0,502419297	12,62014886	175441,4	0,072022535	0,443927993	0,484049472
	2,937504535	0,472060786	12,84570545	181918	0,072039416	0,460300279	0,467660304
	2,420705918	0,417779701	13,27770395	194191,7	0,072106717	0,490836209	0,437057073
	2,987244694	0,477533423	12,80265145	180712,4	0,072343586	0,456942693	0,47071372
	3,074796553	0,48711378	12,73059002	178651,6	0,072404761	0,451671744	0,475923495
	2,761261673	0,453339074	12,98743321	186011,6	0,072624048	0,469957015	0,457418937
	2,24663918	0,400431032	13,41826187	198244,4	0,073208458	0,499667169	0,427124374
	2,327279405	0,408628234	13,34643137	196256,5	0,073592246	0,49437109	0,432036664
	2,349670897	0,410908355	13,32686498	195710,7	0,073655078	0,492959453	0,433385469
	2,682941814	0,445385394	13,04351505	187717,3	0,073916505	0,472856809	0,453226685
	3,067172272	0,486689535	12,72602163	178652,7	0,073938107	0,450057362	0,476004532
	3,07157786	0,487249985	12,72042548	178516,6	0,0742252	0,449409413	0,476365387
	3,139469446	0,494762331	12,66450238	176917,8	0,07432775	0,44524782	0,480424429
	2,869571479	0,465334302	12,88540458	183250,3	0,074339048	0,461227342	0,46443361
	2,411797167	0,41739093	13,26872732	194133,2	0,074380361	0,488300381	0,437319258
	3,370428761	0,520655983	12,47825484	171544,7	0,074386487	0,431481516	0,494131997
	3,371288306	0,520757681	12,47746852	171523,2	0,074401186	0,43141077	0,494188044
	3,245192178	0,506552631	12,57843915	174445	0,074416254	0,438863199	0,486720547
	2,904949739	0,469193077	12,85483376	182393,7	0,074535194	0,458866438	0,466598368
	2,222442499	0,398316246	13,42875624	198659	0,074615092	0,499205649	0,426179259
	2,386737842	0,414896848	13,28809111	194702,3	0,074649344	0,489422992	0,435927664
	2,599000595	0,436795869	13,10783888	189614,8	0,074761258	0,476693029	0,448545713
	2,398652894	0,416151929	13,27664679	194394,9	0,074831567	0,48847133	0,436697103
	3,053425085	0,485425629	12,73083659	178869,4	0,07485662	0,449634336	0,475509045
	2,560549104	0,432832766	13,13902001	190512,2	0,07492362	0,478752962	0,446323417
	2,643159423	0,441557608	13,0664914	188493,1	0,075367817	0,47325873	0,451373453
	3,459346631	0,531132275	12,39954002	169360,8	0,075569524	0,424617882	0,499812594
	2,565627069	0,433518344	13,12995499	190312,3	0,075597535	0,477543918	0,446858548
	3,192126285	0,501015035	12,6115488	175520,3	0,075828735	0,440104654	0,484066611
	2,740439693	0,451929392	12,98187078	186128,4	0,075849846	0,466844145	0,45730601

Table 10d: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 4

SPGSINTR 4							
	3,073020295	0,487849028	12,70776247	178293,9	0,075884844	0,447087528	0,477027628
	3,353258519	0,519178068	12,480704	171756,7	0,076044069	0,430265437	0,493690494
	2,844075647	0,463044816	12,89405411	183647,6	0,0761139	0,460346631	0,463539468
	3,031445127	0,483387531	12,7390427	179224,2	0,076266529	0,449037035	0,474696436
	3,114882991	0,492572162	12,67089931	177268,9	0,07629711	0,444051116	0,479651774
	2,192386802	0,395721976	13,44084079	199158,3	0,076517246	0,498423625	0,425059129
	3,357009186	0,519772648	12,47364301	171603,1	0,076649131	0,429227831	0,494123038
	2,799914904	0,458471185	12,92636128	184620,6	0,076726155	0,462138669	0,461135176
	2,949080766	0,474534153	12,80314599	181102,2	0,076750933	0,453265383	0,469983683
	3,373236391	0,521747381	12,45753385	171175,8	0,077123807	0,427626537	0,495249657
	3,218476848	0,50434723	12,58047184	174745,6	0,077278376	0,436589642	0,486131983
	3,209222624	0,503390908	12,58598793	174928,9	0,077567133	0,436748961	0,485683906
	2,952100519	0,475084081	12,79468212	180932,8	0,077625458	0,451907986	0,470466555
	2,589859659	0,436592972	13,09299347	189462	0,077963167	0,472920105	0,449116728
	2,406380624	0,417736925	13,24477098	193793,3	0,078401662	0,483202593	0,438395744
	2,577046813	0,43538896	13,09977196	189701,6	0,078537373	0,472905668	0,448556959
	2,291301562	0,406086012	13,34138747	196533,3	0,078591797	0,489766221	0,431641982
	2,838746599	0,463118958	12,88048301	183477,6	0,078728318	0,457139462	0,46413222
	3,123302915	0,49416973	12,64697492	176791,2	0,078829038	0,440140309	0,481030653
	2,357855821	0,412909137	13,28211124	194892,7	0,078957371	0,485329451	0,435713178
	3,393766609	0,524596638	12,42900813	170501,3	0,078969409	0,423922885	0,497107706
	2,988122112	0,479364514	12,75557786	179929,4	0,079043975	0,447861788	0,473094237
	2,75781883	0,454655058	12,94226908	185303,2	0,079497142	0,460899414	0,459603444
	2,577595316	0,43566646	13,09268696	189579,6	0,079499351	0,471576878	0,448923771
	3,032075654	0,484290759	12,71658566	178848,5	0,079508	0,444631721	0,475860278
	2,315169039	0,40873379	13,31335566	195833,5	0,079690189	0,486871676	0,433438135
	2,163465101	0,393500845	13,4432097	199486,5	0,079690438	0,495861649	0,424447913
	2,481227513	0,425730326	13,17189883	191846,2	0,079776675	0,476914145	0,44330918
	2,092099928	0,38645401	13,5036746	201194,7	0,07983272	0,499899178	0,420268102
	2,478513718	0,425480077	13,17326778	191895,8	0,079910749	0,476894303	0,443194948
	2,595428105	0,437626505	13,07479623	189107	0,079927911	0,469942574	0,450129515
	2,439189983	0,421439476	13,20625992	192831,7	0,079946125	0,479177044	0,440876831
	3,250076878	0,508756193	12,53355977	173657,9	0,080527011	0,430339353	0,489133635
	2,549495295	0,432987968	13,10878128	190125,3	0,080597958	0,471761752	0,44764029
	3,258967396	0,509777734	12,52588382	173442,8	0,080610853	0,429699503	0,489689644
	2,574181087	0,435609588	13,0865585	189512,9	0,080817936	0,470002393	0,449179671
	3,174501129	0,500457706	12,59037541	175348,2	0,08113674	0,433996516	0,484866744
	2,265709398	0,404042015	13,34553951	196857,5	0,08113892	0,487850569	0,431010511
	3,032178142	0,48476729	12,70429655	178645,3	0,081352653	0,442139941	0,476507406
	2,891216858	0,46942889	12,81912183	181943,6	0,081429987	0,450389406	0,468180606
	3,385475181	0,524338574	12,41931221	170424,8	0,081485895	0,421023238	0,497490867
	3,219860347	0,505626749	12,5513724	174253,1	0,081520458	0,430791361	0,48768818
	3,297835606	0,514453156	12,48759931	172424,4	0,081721376	0,425899636	0,492378988
	2,05598108	0,38330754	13,52029328	201829,2	0,081922842	0,499223179	0,418853979
	3,4156181	0,527950847	12,39143267	169664,7	0,082111292	0,418394168	0,49949454
	2,225849183	0,40024686	13,37249329	197699,4	0,082177354	0,488813463	0,429009184
	3,313399458	0,516352066	12,47181749	172009,1	0,082245772	0,424270654	0,493483574
	3,052202256	0,487239311	12,68093808	178060,8	0,08243605	0,43949337	0,47807058
	3,158590556	0,499041717	12,5942173	175570,5	0,082525593	0,433067904	0,484406503
	2,31111716	0,408945415	13,29655801	195597,7	0,082640347	0,483136403	0,43422325
	3,391747619	0,525371194	12,40684105	170156,9	0,082665025	0,419062618	0,498272357
	2,723355481	0,451744202	12,9493743	185764,7	0,082707621	0,458615603	0,458676776
	2,277319904	0,405541433	13,32482635	196400,7	0,082719142	0,485033125	0,432247733
	2,138402179	0,391634198	13,44328834	199738,4	0,082792532	0,493166799	0,424040669
	3,311423939	0,516277692	12,4697877	171995,5	0,082812365	0,423624232	0,493563403
	2,854589193	0,465832097	12,83947264	182644,6	0,082916739	0,450556615	0,466526646
	3,171448121	0,500613138	12,58036779	175214,2	0,083068746	0,431574027	0,485357227
	2,972943484	0,478737149	12,74058795	179834,6	0,083196309	0,443165954	0,473637737
	2,882545001	0,468967336	12,81324692	181933,7	0,083412018	0,448232494	0,468355488
	2,772292549	0,457122672	12,9040675	184530,1	0,083427221	0,45474581	0,461826969
	3,302140506	0,515398736	12,47304142	172141,9	0,083468436	0,42329032	0,493241244
	2,942151676	0,475467981	12,76342718	180518,2	0,083557162	0,444504487	0,471938351
	2,648396594	0,444032876	13,00544662	187436,6	0,083664354	0,461768614	0,454567032
	2,60404828	0,439402341	13,04157266	188474,3	0,083802647	0,46421044	0,451986913
	2,919326835	0,473046697	12,78050592	181027,3	0,083806642	0,445520958	0,4706724
	3,395231296	0,526075488	12,39685314	169957,8	0,083815485	0,4173059	0,498878615
	2,677453491	0,447191588	12,9785598	186703,8	0,084071892	0,459497472	0,456430635
	2,611731681	0,440289587	13,03274283	188252,2	0,084168131	0,463262608	0,452569261
	2,716329038	0,451336146	12,94551382	185771,5	0,084183331	0,457043457	0,458773212
	2,879981274	0,468874146	12,81032575	181911,3	0,084187855	0,447338971	0,468473175
	2,815051197	0,461971118	12,86119464	183397,3	0,084587036	0,450648965	0,464763999
	3,189567892	0,503064772	12,55507743	174617	0,084757807	0,428224167	0,487018026
	2,717863597	0,451631328	12,94045056	185672,8	0,084765411	0,456168151	0,459066438
	2,09312694	0,387537531	13,46856961	200607	0,084806345	0,493136255	0,422057399
	2,466957801	0,425375329	13,14934529	191617,9	0,084913371	0,470837999	0,44424863
	2,317119815	0,410097513	13,27384077	195164,1	0,085267287	0,479240818	0,435491895
	2,228880271	0,401233409	13,34716757	197252,6	0,085549188	0,48409022	0,430360592
	2,526869115	0,431755273	13,09380276	190105,2	0,085699167	0,466228648	0,448072185
	2,183653343	0,396756966	13,38376657	198306,8	0,085862758	0,486347926	0,427789317
	3,246738541	0,509766027	12,50218233	173175,2	0,085888126	0,423312981	0,490798893
	2,552592108	0,434484368	13,07076111	189469	0,085924593	0,464400481	0,449674926
	2,76810913	0,457250206	12,89131929	184362,2	0,085930304	0,451620774	0,462448922
	2,911421004	0,472733995	12,77223626	180970,4	0,086112265	0,442882602	0,471005133
	2,124518173	0,390948744	13,43134496	199680,8	0,086335187	0,489215797	0,424449016
	2,460801821	0,425049295	13,1449485	191607,1	0,086377396	0,469230013	0,444392591
	2,068223469	0,385388428	13,47905738	201028,5	0,086442806	0,492406927	0,421150268
	2,963399621	0,478480652	12,72747157	179714,3	0,086473423	0,439315567	0,47421101
	2,068107259	0,385399331	13,47837454	201018,5	0,086560487	0,492255236	0,421184277
	2,403296546	0,419178333	13,19186939	192954	0,086624523	0,472304893	0,441070584
	3,057267189	0,488860305	12,64925052	177489	0,086775525	0,433345681	0,479878794
	2,291511463	0,407804881	13,28566917	195614,7	0,086777394	0,478723526	0,43449908
	2,388622083	0,417717737	13,20286611	193281,6	0,086841449	0,472882223	0,440276329
	2,907690313	0,472567549	12,76884034	180951,8	0,08713643	0,441723608	0,471139962
	3,133170753	0,49737744	12,58525121	175677,3	0,087203885	0,428270246	0,484525869
	2,179790061	0,396643937	13,37784053	198248	0,087260498	0,484693389	0,428046113
	3,325853373	0,51918379	12,42778139	171160,3	0,087741833	0,416126556	0,496131611
	2,96820651	0,479328146	12,71499666	179461	0,087844277	0,437183448	0,474972275
	2,897128725	0,471628132	12,7718802	181107,4	0,088034515	0,441139324	0,470826161
	1,975911227	0,37661683	13,54788235	203083,7	0,088083895	0,495666152	0,416249953
	2,596405715	0,439536704	13,02019816	188199,1	0,088091642	0,458883848	0,453024509

Table 10e: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 5

SPGSINTR 5							
	2,911064999	0,47316392	12,7598788	180770,7	0,088130363	0,440184272	0,471685365
	2,343138127	0,413355283	13,23217006	194218,4	0,088263877	0,473660951	0,438075172
	3,279388743	0,514050601	12,46149309	172179,4	0,088282259	0,418151916	0,493565824
	2,351184938	0,414212948	13,22419841	194006,9	0,088442979	0,472942735	0,438614285
	3,24877456	0,510647601	12,48458589	172865,4	0,088503024	0,419668695	0,491828281
	2,26987939	0,406040972	13,29010873	195904	0,088928404	0,477106962	0,433964635
	2,481342598	0,427724476	13,11075748	190839,3	0,089009138	0,464466397	0,446524465
	2,466377837	0,426206801	13,12233191	191179,4	0,089167924	0,465139275	0,445692802
	2,144632998	0,39351325	13,39492957	198880,7	0,089258404	0,484084655	0,426656941
	2,927520216	0,475217886	12,73935529	180268,5	0,0892772	0,437663714	0,473059086
	2,866258359	0,468611915	12,78821012	181684,8	0,08948439	0,441015034	0,469500576
	3,113000405	0,495686502	12,5874916	175915,8	0,089503518	0,426366784	0,484129698
	2,863565804	0,468353353	12,78952106	181733,2	0,089630384	0,44097787	0,469391746
	2,149760424	0,394098116	13,38806119	198716,4	0,089641992	0,4832639	0,427094108
	2,558517425	0,435968842	13,03984631	188901,2	0,08999725	0,458561347	0,451441403
	2,536743167	0,433701855	13,05780083	189414,3	0,09003898	0,459795505	0,450165515
	3,074878803	0,491586624	12,61492434	176748,3	0,090056651	0,427880595	0,482062754
	3,293502726	0,516170988	12,43764596	171646	0,090400079	0,414461686	0,495138235
	2,267542261	0,406108627	13,28213975	195796,3	0,090486441	0,475145978	0,434367581
	2,850357625	0,467149411	12,79420837	181942,4	0,090635852	0,440405728	0,46895842
	2,186940014	0,398020155	13,3495483	197711,1	0,090689742	0,479648693	0,429661566
	2,011706237	0,380628846	13,49912272	201923,7	0,090821945	0,489855284	0,419322771
	2,269647489	0,406390571	13,27810522	195708,9	0,090840696	0,474543852	0,434615452
	2,552475755	0,435524637	13,0392739	188952,2	0,090900303	0,457702508	0,451397189
	1,955317494	0,375112969	13,54729693	203280	0,090904843	0,493085297	0,416009859
	3,315299725	0,518776927	12,41718486	171091,5	0,090937031	0,412446395	0,496616574
	3,238850564	0,510122515	12,47798255	172856	0,090943174	0,416968662	0,492088164
	2,389977619	0,418707862	13,17488251	192807,8	0,091044511	0,467138181	0,441817309
	3,278735051	0,514713229	12,4441805	171901,2	0,091288707	0,414139407	0,494571886
	2,536804001	0,434022875	13,04828294	189257,1	0,091562442	0,457739005	0,450698553
	2,635541862	0,44444411	12,96448982	186891,5	0,091800513	0,451566777	0,45663271
	3,017799334	0,48571185	12,64998704	177895,8	0,091919359	0,428753214	0,479327427
	3,232136349	0,509612096	12,47730512	172912	0,09197489	0,415976303	0,492048807
	2,168827921	0,396465355	13,35621669	198001,9	0,092080702	0,478847708	0,42907159
	3,353531596	0,52341979	12,38008381	170098,9	0,092113861	0,408594888	0,499291251
	2,42510987	0,422612479	13,13628776	191821,6	0,092489868	0,463108518	0,444401614
	2,245244223	0,404243792	13,28825228	196119,9	0,092529215	0,473714731	0,433756054
	2,351676359	0,415088258	13,19749601	193562,7	0,09260939	0,467299291	0,440091319
	2,191841089	0,398888445	13,33277617	197386,2	0,092684894	0,476669737	0,430645369
	1,830838399	0,363341605	13,64360041	206108,9	0,092725648	0,498008631	0,409265721
	2,234548703	0,403232148	13,29506589	196338,9	0,092896308	0,473853905	0,433249787
	2,673549745	0,448727419	12,9254393	185869,1	0,093038003	0,447646804	0,459315193
	2,560828767	0,436839294	13,01915401	188537,7	0,093042136	0,454321328	0,452636537
	2,373358635	0,417405065	13,17618873	192995,4	0,093094294	0,465360934	0,441544772
	2,830529294	0,465557189	12,79537445	182159,9	0,0931466	0,438197515	0,468655885
	2,22333841	0,402178125	13,30203547	196565,6	0,093310539	0,473960067	0,432729394
	3,03975081	0,488498821	12,62275325	177228,3	0,093531651	0,425279726	0,481188623
	2,525648427	0,433287058	13,04469542	189309,7	0,093676692	0,455551114	0,450772194
	3,124484349	0,497949284	12,55335396	175239,5	0,093725282	0,419997308	0,48627741
	2,115901886	0,391507897	13,39015432	199089,4	0,093893649	0,479541239	0,426565112
	3,093692165	0,494576688	12,57669759	175931,3	0,093971174	0,421490776	0,48453805
	2,000151927	0,380063732	13,48879349	201869,4	0,094021505	0,486228546	0,419749948
	2,87352387	0,470422413	12,75443724	181056,6	0,094118516	0,434339886	0,471541598
	2,963789243	0,480275873	12,68070885	178941,2	0,094149416	0,428948924	0,47690166
	2,186321906	0,398613862	13,32811447	197364,8	0,094194064	0,474963178	0,430842757
	2,202673347	0,400288927	13,31319019	196955,8	0,094354222	0,47377834	0,431867438
	1,907449422	0,371079844	13,56554061	204058,8	0,094553628	0,491005255	0,414441118
	3,27988912	0,515656792	12,42364784	171551,9	0,094711021	0,409459378	0,495829601
	2,22177148	0,402281132	13,29473426	196461,2	0,094711997	0,472164434	0,433123569
	3,266112897	0,514157492	12,43308182	171844,9	0,094978717	0,409915062	0,495106221
	2,452492778	0,425942947	13,09786227	190915,7	0,095023165	0,458072079	0,446904756
	2,472045042	0,427972755	13,08142693	190449,9	0,095029158	0,456905294	0,448065548
	2,874637461	0,470742408	12,74813281	180941,8	0,095043138	0,433027946	0,471928916
	2,828268605	0,465744261	12,78538112	182018,1	0,095160812	0,435617298	0,46922189
	2,217571109	0,401945434	13,29538771	196514	0,095190143	0,471769046	0,433040811
	2,817976794	0,464657646	12,79313086	182248,5	0,095278512	0,43606861	0,468652878
	3,029528004	0,487783608	12,6203037	177290,2	0,09538993	0,423381483	0,481228587
	3,044289433	0,489424734	12,6081464	176942,7	0,095431538	0,422450621	0,482117841
	3,040776465	0,489070844	12,61008669	177009,7	0,09558871	0,422447015	0,481964275
	3,324363411	0,520923032	12,38342765	170445,6	0,09560483	0,405619309	0,498775861
	2,765514533	0,459092901	12,83392487	183444,1	0,095671229	0,438648444	0,465680327
	3,155229886	0,501862223	12,51674039	174329,8	0,095826332	0,415344054	0,488829614
	3,315605052	0,519981834	12,38899881	170624,8	0,095849277	0,405808951	0,498341772
	2,372974076	0,417902032	13,15959943	192726,4	0,095881233	0,461628268	0,442490499
	2,110344222	0,391320429	13,38236676	199016,9	0,095931726	0,477124249	0,426944025
	1,803356805	0,361250238	13,64651302	206431,6	0,096055601	0,495150072	0,408794327
	3,076789049	0,493165471	12,57841169	176128,6	0,096055727	0,419683515	0,484260758
	3,271167833	0,515010475	12,42230483	171617,1	0,096191777	0,407980872	0,495827351
	2,106583264	0,391019991	13,38303069	199065,4	0,096351418	0,476781588	0,426866994
	3,028306977	0,487870172	12,61556168	177224,5	0,096398678	0,422094535	0,481506786
	2,528269721	0,434107183	13,02608944	188977,4	0,096427659	0,451688788	0,451883553
	2,452188715	0,426190884	13,08952912	190781,7	0,096464111	0,456148395	0,447387494
	2,674971499	0,44959092	12,90377654	185498,5	0,096500231	0,442897127	0,460602642
	2,69843245	0,452160436	12,88233392	184911,2	0,096855239	0,441028398	0,462116362
	1,942766776	0,374946813	13,519827	202953,7	0,097008753	0,48560394	0,417387307
	1,693886329	0,350983538	13,73379399	208961,9	0,097376907	0,499857046	0,402766047
	3,111002823	0,497265009	12,543517	175212,5	0,097378532	0,415873426	0,486748042
	2,506844733	0,432079206	13,03764199	189381,7	0,09750954	0,451500623	0,450989837
	2,292469963	0,409980119	13,21751709	194484,1	0,097572221	0,464120479	0,438307301
	1,850860035	0,366090345	13,59584971	205123,2	0,097580908	0,490279545	0,412139547
	2,225637554	0,403215481	13,27351522	196073,5	0,097683792	0,467930769	0,434385439
	2,54456569	0,436129478	13,00305355	188435,5	0,098046988	0,448540975	0,453412037
	2,761657192	0,459178383	12,82313516	183305,2	0,098100079	0,435604115	0,466295806
	2,433434635	0,424561549	13,09558983	191068,9	0,09811031	0,455041517	0,446848173
	3,294436813	0,518157997	12,39175334	170881,8	0,098410959	0,40361151	0,497977531
	2,071473963	0,387898697	13,40020803	199699,1	0,098490694	0,475979525	0,425529781
	2,373410064	0,418444345	13,14358625	192458,7	0,098528781	0,458034807	0,443436412
	2,024508771	0,383265939	13,43964471	200817,4	0,098631503	0,478573043	0,422795455
	3,259375971	0,514242977	12,41791435	171662,8	0,098708256	0,405288678	0,496003066
	2,293769032	0,410343761	13,20896971	194330,5	0,098837518	0,462338479	0,438824002

Table 10f: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 6

SPGSINTR 6	3,18558152	0,505975096	12,47498314	173339,4	0,099003301	0,40926432	0,491732379
	2,24382715	0,405339956	13,24882074	195485,4	0,099253716	0,46473731	0,436008974
	3,259083949	0,514348927	12,41478864	171614,3	0,09933391	0,404462903	0,496203187
	1,683663446	0,350343954	13,72968666	208996,6	0,099505073	0,49759513	0,402899796
	2,177407527	0,398692933	13,30311215	197042,6	0,099616714	0,468184336	0,432198951
	2,766971753	0,460098529	12,80904124	183020,3	0,09983102	0,432956685	0,467212295
	2,439422519	0,425531193	13,0798209	190749,7	0,099972471	0,452177363	0,447850166
	2,875786271	0,47189926	12,71931545	180456,3	0,099972631	0,426317274	0,473710095
	3,211938245	0,50917482	12,44835224	172637,8	0,100056502	0,406283154	0,493660344
	2,742503456	0,457532261	12,82740743	183567	0,10014047	0,43398974	0,46586979
	3,098123182	0,496522125	12,53634458	175223,3	0,10058973	0,412309548	0,487100722
	2,827633922	0,466815447	12,75468331	181519,5	0,100682192	0,42821474	0,471103068
	2,921013025	0,476998573	12,67815594	179327	0,100776529	0,42255377	0,476669702
	3,081271974	0,494774703	12,54656151	175559,9	0,101206392	0,412477223	0,486316385
	1,989969838	0,380288162	13,45405832	201399,9	0,101211387	0,47714345	0,421645163
	3,02539328	0,488589074	12,59103587	176850,2	0,101286779	0,415680395	0,483032827
	3,061995264	0,492648843	12,56157326	175999,5	0,101292438	0,413503654	0,485203907
	2,886924775	0,473426892	12,70180073	180056,8	0,101522037	0,423569327	0,474908636
	1,900125805	0,371548237	13,5287281	203526,5	0,101673683	0,481844852	0,416481466
	1,764436492	0,358420724	13,64565559	206806,7	0,101779257	0,489743834	0,408476909
	1,911997893	0,372767112	13,51634038	203204	0,102040445	0,480647066	0,417312489
	2,360866307	0,417794661	13,13400119	192426,4	0,102042402	0,454043503	0,443914095
	1,684273463	0,350798099	13,71365109	208726,8	0,102089459	0,494076469	0,403834073
	1,717658507	0,35398904	13,68434395	207910,8	0,102121951	0,492054213	0,405823836
	1,798828909	0,361818172	13,61257826	205918,7	0,102324183	0,486971366	0,410704451
	2,186035802	0,400037518	13,27996708	196575,7	0,102354735	0,463983466	0,433661798
	2,451390292	0,427236868	13,05561385	190231,8	0,102489494	0,448076387	0,449434119
	1,954179597	0,376985915	13,47697268	202134,7	0,102562508	0,477443796	0,419993696
	2,227307567	0,404279899	13,24269856	195549,9	0,102753753	0,460999927	0,43624632
	2,727168805	0,45641334	12,82525633	183685	0,102829547	0,43127492	0,465895533
	1,620276539	0,344851711	13,76454184	210203,8	0,102942879	0,496719066	0,400338055
	2,088839782	0,390413375	13,358377	198837,4	0,103118886	0,468713807	0,428167307
	2,699670093	0,453532394	12,84609313	184302,7	0,103155311	0,43246558	0,464379109
	1,79268751	0,361360392	13,61282776	205984,2	0,103193617	0,486163738	0,410642644
	2,966700026	0,482504815	12,62816269	178047,8	0,103210074	0,416567007	0,480222919
	1,829678052	0,364940764	13,58063504	205084,8	0,10321685	0,483940292	0,412842858
	2,883235827	0,473379247	12,69528637	179986,5	0,103299506	0,421392766	0,475307727
	2,222883056	0,403928712	13,24325845	195603,4	0,103319491	0,46049979	0,436180719
	2,404653833	0,422550764	13,08979555	191261,4	0,103378431	0,449648232	0,446973337
	2,372675386	0,419252448	13,11649981	192020,5	0,103399133	0,451515449	0,445085418
	1,729930825	0,355364182	13,66592454	207485,1	0,103439232	0,489551867	0,407008901
	2,596952476	0,442680237	12,92897508	186693,2	0,103500471	0,438087742	0,458411787
	2,946741082	0,480399914	12,64194721	178474,1	0,103656059	0,417148844	0,479195097
	2,502829043	0,432832453	13,00567524	188896	0,103764634	0,443309738	0,452925628
	2,149368809	0,396610138	13,30227741	197309,3	0,10391963	0,464047706	0,432032664
	2,167699642	0,398455245	13,28668396	196869,5	0,103922113	0,462958035	0,433119852
	2,956764835	0,481591052	12,63149322	178201,9	0,104106571	0,415947741	0,479945689
	2,792684185	0,463760995	12,76332748	182011,2	0,104379211	0,425304131	0,470316657
	2,747994705	0,458978046	12,79896506	183044,3	0,104552029	0,427719652	0,467728318
	1,632702705	0,34629061	13,74323137	209729	0,10472725	0,493578188	0,401694562
	1,721551162	0,354758374	13,66564057	207564,3	0,104746418	0,488287005	0,406966577
	2,452626344	0,427791293	13,0415829	189988,7	0,104856995	0,444812882	0,450330123
	2,954821365	0,481536789	12,62888065	178178,4	0,104913057	0,414976159	0,480110784
	1,623951077	0,345498232	13,74942013	209918,3	0,104979533	0,493756872	0,401263595
	1,688277352	0,351617939	13,69306309	208348,1	0,105015613	0,489896138	0,405088249
	1,752294956	0,357761546	13,63686032	206783,4	0,105104262	0,485982859	0,40891288
	2,621303498	0,445582075	12,89942548	185963,6	0,10525414	0,434281543	0,460464317
	2,232645034	0,405269717	13,22352519	195181,2	0,105384049	0,457139241	0,43747671
	2,047083284	0,386688546	13,37906854	199595,3	0,105780723	0,46760151	0,426617766
	2,542745525	0,4373871	12,96150434	187770,3	0,105805457	0,43819415	0,456000393
	1,619707503	0,345231132	13,74776588	209933,6	0,105910285	0,492754149	0,401335566
	2,176064452	0,399635175	13,26838592	196484,9	0,10594032	0,459742744	0,434316936
	2,674252346	0,451384104	12,85092136	184636,3	0,10617969	0,429896481	0,463923829
	2,041523054	0,386213511	13,38112775	199684,7	0,106266296	0,467276702	0,426457001
	2,083349803	0,390398546	13,34482194	198669,3	0,106376479	0,464694484	0,428974037
	2,168717026	0,398981614	13,27170504	196613	0,106472454	0,459461107	0,434066439
	1,888338624	0,371159726	13,51113156	203355	0,106525559	0,476005386	0,417469055
	2,419451205	0,424638272	13,06029353	190628,2	0,106529487	0,444525197	0,448945316
	1,738804068	0,356679567	13,64040387	206976,6	0,106541052	0,484846255	0,408612694
	2,992954462	0,486083802	12,58919493	177144,3	0,106671197	0,410347179	0,482981624
	2,263137643	0,408597089	13,1904682	194332,5	0,10672537	0,453524725	0,439749905
	2,307714071	0,413155527	13,1528274	193267,6	0,106742904	0,450859401	0,442397695
	3,107043721	0,49878405	12,49737835	174493,1	0,10676099	0,403465002	0,489774008
	2,920397163	0,478166303	12,64590666	178802,7	0,107024702	0,414170729	0,478804569
	1,632280005	0,346584344	13,73036424	209521,6	0,107035671	0,490492595	0,402471734
	1,921840607	0,374558905	13,47795985	202474,3	0,107306328	0,472967882	0,419725789
	2,963494715	0,482970963	12,60933774	177770,2	0,107382223	0,411134907	0,48148287
	2,469681912	0,430032685	13,0132694	189352,4	0,10749854	0,440242596	0,452258864
	2,642963716	0,448290932	12,86979631	185259,7	0,107501174	0,429969988	0,462528838
	2,31071024	0,413606637	13,14572598	193120,8	0,107599092	0,44952811	0,442872798
	2,433454252	0,426304342	13,04209922	190188,9	0,107757461	0,442040626	0,450201913
	3,129665654	0,501561339	12,47327981	173870,5	0,107997329	0,400458384	0,491544286
	3,042081337	0,491787538	12,54308037	175894,5	0,108016685	0,405622741	0,486360574
	2,461911621	0,429322708	13,01669069	189486,4	0,108080413	0,439918996	0,452000591
	1,85076891	0,367739937	13,53461424	204116,9	0,108131218	0,476068191	0,41580059
	2,061467442	0,388521084	13,3529863	199022,4	0,108299858	0,46335449	0,428345653
	2,977582503	0,484707975	12,59321506	177364,1	0,108344973	0,409002708	0,482652319
	2,131865447	0,395615117	13,29149088	197306,9	0,108597292	0,458781751	0,432620957
	1,69292501	0,352635699	13,66672261	207868,3	0,108964243	0,484299849	0,406735907
	2,887853078	0,474984461	12,66210337	179394,5	0,109049983	0,413370255	0,477579761
	3,032816495	0,490957438	12,54541696	176025,6	0,109055475	0,404772006	0,48617252
	3,023769017	0,489960087	12,55248836	176232,4	0,109091252	0,405259969	0,485648779
	2,009432694	0,383486017	13,39261859	200194,6	0,109187987	0,465241411	0,425570602
	2,839965416	0,469833076	12,69900949	180480,5	0,10943244	0,415692815	0,474874745
	2,407611998	0,423929333	13,05420702	190646,5	0,109573174	0,441125385	0,449301441
	2,458457683	0,429236002	13,01127334	189431,8	0,109682704	0,437964564	0,452352732
	2,629803648	0,447279169	12,8694858	185386,2	0,109684856	0,427807327	0,462507817
	1,677202996	0,351236849	13,67639041	208184,6	0,109690418	0,484253036	0,406056546
	2,987008408	0,486006577	12,57896079	177035,4	0,109710915	0,406603475	0,48368561
	2,642967944	0,448698853	12,85810556	185067,3	0,109794751	0,426879097	0,463326153

Table 10g: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 7

SPGSINTR 7							
	2,03117756	0,385746445	13,37051036	199613,5	0,109849071	0,463061938	0,427088991
	2,111244926	0,393789551	13,3007445	197665,3	0,110151572	0,457909344	0,431939083
	1,664913077	0,35013085	13,68449065	208440,7	0,110162839	0,484344767	0,405492395
	2,074258488	0,390109171	13,33141628	198539,7	0,110298033	0,459903882	0,429798084
	1,989422498	0,381679644	13,4035751	200575	0,110338103	0,464877455	0,424784442
	1,731954553	0,356596595	13,62436964	206781,4	0,110508715	0,479905667	0,409585618
	2,486085939	0,432281471	12,98352021	188699	0,11062412	0,435058676	0,454317204
	2,713341413	0,456375832	12,79601214	183342,3	0,11067658	0,421520328	0,467803092
	1,713229502	0,354824679	13,63963403	207219,7	0,11068898	0,480772443	0,408538577
	1,998560621	0,382663703	13,39298673	200309,4	0,110862031	0,463629905	0,425508063
	1,610924945	0,345134223	13,72617926	209666,3	0,11114186	0,486224972	0,402633169
	1,92493882	0,375457197	13,45396528	202048,6	0,111249142	0,467471256	0,421279602
	2,098330233	0,392665229	13,30593879	197879,9	0,111253129	0,457190327	0,431556543
	2,52813957	0,436800956	12,94545893	187652,5	0,111262502	0,431706254	0,457031244
	2,475670434	0,431356691	12,98720947	188863,9	0,111609394	0,434348245	0,45404236
	2,380201771	0,421502185	13,06434755	191087,4	0,112074991	0,439378527	0,448546482
	2,792962772	0,465210892	12,72414758	181364	0,1121055	0,414876294	0,473018207
	1,936135342	0,376688872	13,43969781	201702	0,112135478	0,46561337	0,422251152
	2,201098796	0,403167719	13,2142228	195343,6	0,112165263	0,449870918	0,437963819
	2,67750714	0,452829503	12,81708981	184047,3	0,112361787	0,421373096	0,466265117
	1,892030291	0,3723926	13,47631388	202745,3	0,112367483	0,4679145	0,419718017
	1,737247666	0,357368617	13,60974831	206488	0,112376302	0,477075374	0,410548324
	2,459990476	0,429850148	12,99624946	189169,4	0,112407808	0,434201595	0,453390596
	1,794940891	0,362972659	13,5585699	205069,2	0,112621407	0,473326063	0,41405253
	1,876864145	0,371016739	13,48541154	203046,6	0,113118958	0,467800652	0,41908039
	2,274609981	0,410818728	13,1470619	193503,8	0,113209184	0,44410778	0,442683036
	2,854779029	0,47215088	12,66804438	179823	0,113369452	0,409509726	0,477120822
	2,923546456	0,479732219	12,61119327	178200,2	0,113669704	0,405029822	0,481300474
	2,893118165	0,476406414	12,63536188	178902	0,113741	0,406736996	0,479522004
	2,993751318	0,487531058	12,55345786	176548,5	0,11397766	0,40045435	0,485567989
	2,806230167	0,46699777	12,70387102	180897,8	0,114111998	0,411386243	0,47450176
	2,897086643	0,476935005	12,62967879	178768,9	0,114277896	0,405778337	0,479943767
	2,380430475	0,421908942	13,05229447	190886,8	0,114470208	0,43613737	0,449392422
	2,84074119	0,470834054	12,67365946	180055,7	0,114600528	0,408682739	0,476716733
	1,827840363	0,366469951	13,51895189	204088,6	0,114783851	0,468462431	0,416753717
	2,949143867	0,482802987	12,58400071	177497	0,115117518	0,401561905	0,483320577
	2,130296725	0,396481403	13,25849324	196779,8	0,115252829	0,449906248	0,434840923
	2,954391542	0,483418147	12,57884267	177359,6	0,115327748	0,400967627	0,483704625
	1,631491207	0,347669708	13,68523163	208787,1	0,115473788	0,47916881	0,405357402
	2,876534651	0,474915029	12,64012204	179146,2	0,1156143	0,405195463	0,479190238
	2,027281755	0,386232604	13,34359392	199209,8	0,115711936	0,455392485	0,428895579
	2,152940274	0,39887997	13,23553436	196175,8	0,116027743	0,447520129	0,436452128
	1,89399459	0,373129511	13,45496327	202374,5	0,116196851	0,462637941	0,421165207
	2,827748731	0,469690479	12,67685479	180238,2	0,116197044	0,407301363	0,476501592
	1,588042712	0,3436497	13,71888871	209775,2	0,116274897	0,480664152	0,403060951
	1,816599315	0,365641826	13,51882698	204198,9	0,116710643	0,466532211	0,416757146
	2,821967831	0,469150011	12,67913667	180333,6	0,116726422	0,406930605	0,476342973
	1,747578376	0,358997181	13,57678529	205842,5	0,117012608	0,470215639	0,412771753
	2,897800495	0,477481563	12,61671704	178548,5	0,117014736	0,402048086	0,480937178
	2,793093047	0,466084406	12,70058008	180975	0,117152938	0,408067049	0,474780013
	2,382108736	0,422501374	13,03796472	190634,3	0,117164838	0,432406845	0,450428317
	2,707124356	0,456810111	12,77023754	182980,5	0,117188994	0,413113157	0,46969785
	2,234349613	0,407341688	13,16044745	194126,6	0,117378876	0,440874954	0,44174617
	1,826578857	0,366704774	13,50685478	203902,2	0,11738762	0,465028562	0,417583819
	2,567455018	0,441981576	12,88267339	186226,6	0,117594817	0,420843414	0,46156177
	2,185760826	0,402447302	13,19976571	195259,2	0,117698527	0,443323697	0,438977776
	1,63229172	0,348084429	13,67122628	208548,7	0,118075407	0,475615636	0,406308957
	2,05643276	0,389479245	13,30720983	198319,8	0,11807948	0,450474619	0,431445901
	2,684769312	0,454572766	12,78391277	183429	0,118195152	0,413082147	0,468722701
	2,812328142	0,468367416	12,67974077	180439,9	0,118339634	0,405328039	0,476332327
	2,131291951	0,397037566	13,24242761	196505,6	0,118379395	0,445634159	0,435986447
	2,548815805	0,440149735	12,89394181	186598,3	0,118482782	0,420751463	0,460765755
	2,174633237	0,401461307	13,20446681	195447,8	0,118678379	0,442662771	0,438658849
	2,25251824	0,409413526	13,13822619	193579,4	0,118854035	0,437810436	0,443335529
	1,578443663	0,343073492	13,71395064	209790	0,118885197	0,477715581	0,403399221
	1,840833315	0,368298613	13,48710643	203434,8	0,118907349	0,462135945	0,418956706
	1,540168334	0,339477502	13,7464709	210707,6	0,119047301	0,479765423	0,401187276
	1,59873467	0,345037314	13,69470415	209270,5	0,119205154	0,476081943	0,404712902
	1,817139069	0,366048281	13,50529041	203970,9	0,119348821	0,462945226	0,417705953
	2,616330735	0,447449223	12,83448426	184945,2	0,119386486	0,415532621	0,465080893
	1,712276419	0,355949048	13,59387171	206476,5	0,119703274	0,468681984	0,411614742
	2,11532042	0,395627027	13,249271	196777,9	0,119780533	0,444692605	0,435526862
	2,233941986	0,407653138	13,14939286	193948,8	0,119798197	0,437639028	0,442562775
	2,575544757	0,443181667	12,86604221	185872,1	0,119803867	0,417387258	0,462808875
	1,602106483	0,345453227	13,68797678	209126,1	0,119969299	0,474852421	0,405178279
	2,016172791	0,385750796	13,33146196	199121,3	0,120151666	0,450068202	0,429780132
	2,685090741	0,454916445	12,77496136	183278,5	0,120157322	0,410419036	0,469423642
	2,391845314	0,423983718	13,01534553	190164,9	0,120309338	0,427592558	0,452098104
	1,663570028	0,351357125	13,63290782	207605,7	0,120330397	0,470723371	0,408946232
	2,299276708	0,414427512	13,09209892	192353,1	0,120372402	0,432993397	0,446634201
	1,931968937	0,37745628	13,40133539	201112,7	0,120526568	0,454553119	0,424920313
	2,283078445	0,412790483	13,10477818	192723,6	0,120557675	0,433703681	0,445738643
	2,569468918	0,442675396	12,86703132	185949,1	0,120706391	0,416531157	0,462762452
	2,082482688	0,392476685	13,27195259	197479,4	0,120862088	0,445181224	0,433956688
	1,964859651	0,380765833	13,37123365	200288,6	0,120966246	0,452011467	0,427022286
	2,539291231	0,439559142	12,88959769	186622,1	0,121208043	0,417643567	0,46114839
	1,668939685	0,351982014	13,62396022	207404,8	0,121213606	0,469215011	0,409571383
	2,228935154	0,40736479	13,14640971	193949,8	0,121361158	0,435829623	0,442809219
	2,619498082	0,448113569	12,82252479	184716,8	0,121521821	0,412467511	0,466010668
	2,16284299	0,400675152	13,20094905	195507,9	0,121566066	0,439470272	0,438963662
	1,786685384	0,363394841	13,5201002	204519	0,121704967	0,461575025	0,416720009
	1,525666834	0,338462678	13,74484223	210825,9	0,121928469	0,476742383	0,401329148
	2,572469966	0,44319578	12,85869472	185782	0,122054964	0,414536079	0,463408957
	1,870496078	0,37161846	13,44644005	202469,3	0,12209144	0,456087439	0,421821121
	2,029958116	0,387392827	13,31053915	198639,3	0,122128574	0,446587331	0,431284096
	1,879248605	0,372504219	13,43796291	202242,3	0,122304073	0,455282217	0,422413709
	2,509199965	0,436558681	12,90925935	187246,4	0,122371683	0,417858812	0,459769504
	2,068228544	0,391254548	13,27697747	197704,6	0,122384542	0,443974419	0,433641039
	2,42206334	0,427454374	12,98036223	189287,3	0,122546882	0,422786637	0,454666482
	1,896187994	0,374220954	13,42158211	201803,5	0,122715104	0,45372448	0,423560416

Table 10h: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 8

SPGSINTR 8							
	2,208618495	0,405491879	13,15702741	194327,7	0,122781017	0,435120345	0,442098639
	1,857441364	0,370430432	13,45432289	202729,5	0,122793233	0,45591541	0,421291357
	1,65173456	0,350535085	13,63111436	207694,5	0,122822644	0,468066414	0,409110942
	2,08874686	0,393400802	13,25669928	197165,8	0,123033019	0,441884622	0,435082359
	1,545868578	0,340530981	13,7206836	210226,5	0,123290823	0,473709384	0,402999793
	2,186408674	0,403309289	13,17316038	194815,1	0,12333841	0,435685449	0,440976141
	2,263780215	0,411221665	13,10784413	192967	0,12346752	0,430926264	0,445606217
	2,621175746	0,448627052	12,81158814	184520,1	0,123772047	0,409335864	0,466892089
	2,328070327	0,417882002	13,05277464	191418,3	0,123813709	0,426649793	0,449536498
	2,123469663	0,397023189	13,2232048	196267,7	0,123976297	0,438555787	0,437467916
	1,651871689	0,350695382	13,62527483	207597,1	0,124033488	0,466426651	0,409539861
	2,371927333	0,4225158	13,01342246	190332,5	0,124498711	0,423127677	0,452373612
	1,934069951	0,378192161	13,3808147	200754,1	0,124569316	0,448980924	0,42644976
	2,755369996	0,463178403	12,69882022	181323,3	0,124711799	0,400116884	0,475171317
	1,530260088	0,339240995	13,72684735	210483,9	0,124852018	0,472530636	0,402617346
	1,79762327	0,364860012	13,49578573	204009,7	0,124907718	0,45661105	0,418481232
	1,727669586	0,358101808	13,5551364	205685,5	0,125063698	0,460546472	0,414389829
	1,938084359	0,37868809	13,37389203	200600,1	0,125350823	0,447689925	0,426959252
	2,5488057	0,441236865	12,86215052	186075,5	0,12583975	0,410838401	0,463321849
	1,735284712	0,358942052	13,54462078	205436,3	0,125932922	0,458923887	0,415143191
	2,00203598	0,385124147	13,31644689	199015,7	0,126072195	0,442927949	0,430999856
	1,62791875	0,348681315	13,6352819	208001,2	0,126343533	0,464733323	0,408923144
	2,598755962	0,446624501	12,81883375	184863,5	0,126459825	0,407042675	0,4664975
	1,660376847	0,351807884	13,60636397	207201	0,126539695	0,462545452	0,410914853
	2,058012033	0,390781224	13,26691504	197641,2	0,126583825	0,438921253	0,434494922
	2,426313806	0,428507511	12,95837981	188883,2	0,126907148	0,416659199	0,456433653
	2,130180451	0,398108577	13,20401023	195884,8	0,127089346	0,433963196	0,438947459
	2,096848614	0,394807395	13,22999001	196645,5	0,127566446	0,435295611	0,437137943
	1,812076555	0,366665546	13,46874795	203420,4	0,128192438	0,45132829	0,420479271
	1,56633292	0,343063768	13,67903763	209336,8	0,128448104	0,465547082	0,406004813
	1,588264752	0,345150551	13,65987685	208802,3	0,128488414	0,464193035	0,40731855
	2,14958938	0,400276616	13,18098146	195312	0,128694633	0,430649824	0,440655544
	2,064090219	0,391682418	13,25190831	197333,6	0,128905278	0,435432842	0,435661879
	2,427523204	0,428909062	12,94906769	188718	0,128965831	0,41381341	0,457220758
	1,809486681	0,366506372	13,46753108	203426,3	0,128982117	0,450417665	0,420600218
	1,982425703	0,383556609	13,31974174	199266	0,129162908	0,4399253	0,430911793
	2,168151988	0,402221098	13,16341008	194837,3	0,129186459	0,428887017	0,441926524
	2,351669837	0,421062235	13,01023613	190482,6	0,12931903	0,417832704	0,452848265
	2,102264846	0,395617123	13,21660215	196371,1	0,129678292	0,432128879	0,438192829
	1,621410444	0,348489251	13,62412098	207882,7	0,130104349	0,460051244	0,409844406
	2,300965033	0,415930232	13,04885746	191625	0,130161837	0,419701883	0,45013628
	1,881602774	0,373747487	13,39956045	201587,1	0,130512399	0,444081821	0,42540578
	2,397089955	0,425937366	12,96796117	189333,1	0,130531715	0,413506892	0,455961393
	1,712263531	0,357313177	13,54193777	205622,4	0,131040876	0,453405102	0,415554021
	1,457121333	0,333071481	13,76152226	211785,7	0,131221657	0,468281782	0,40049656
	2,056765812	0,391232479	13,24842737	197349,6	0,131246457	0,432712117	0,436041426
	1,786566504	0,36454037	13,47728861	203816	0,131288069	0,448668648	0,420043283
	2,011462857	0,386708828	13,28625509	198424,8	0,131325698	0,435290092	0,433384211
	1,604873504	0,347059869	13,63258386	208187,3	0,131447264	0,459221655	0,409331081
	2,038216857	0,389404281	13,26299267	197774,6	0,131503656	0,433464788	0,435031555
	2,208779663	0,406682284	13,11891161	193699,1	0,131818882	0,422932089	0,445249029
	2,027836071	0,388430597	13,26951426	197985,7	0,132053536	0,433339002	0,434607462
	1,460617037	0,333496725	13,75445684	211634,5	0,132147849	0,466826557	0,401025594
	1,92952127	0,37869104	13,35117553	200312,1	0,132387666	0,438715106	0,428897228
	1,530758329	0,340126465	13,69257636	209915,3	0,132393651	0,462338608	0,405267741
	2,432243671	0,429859885	12,93140657	188380,3	0,132530876	0,408729696	0,458739428
	1,697363271	0,356077568	13,5470835	205856,1	0,132857027	0,451840826	0,415302148
	2,012514362	0,386997401	13,27906497	198296	0,132891769	0,433117465	0,433990766
	2,343856748	0,420718262	13,0023023	190430,3	0,133018913	0,413310059	0,453671028
	2,24021168	0,410042453	13,08806177	192877,3	0,133030422	0,419436785	0,447532793
	1,975730726	0,383361393	13,30906055	199157,3	0,133147313	0,434952993	0,431899694
	2,100746249	0,395898903	13,20335944	196168,5	0,133296658	0,427343053	0,439360288
	1,740572277	0,360302234	13,50816369	204783,8	0,133320707	0,448655346	0,418023947
	2,048468912	0,390647299	13,24703433	197409,6	0,133342878	0,430378842	0,436278281
	1,837545531	0,36977698	13,42429375	202434,5	0,133606618	0,442523228	0,423870154
	1,805229955	0,366619408	13,45176802	203209,6	0,133615108	0,44442688	0,421958012
	2,380233612	0,424572072	12,96996022	189534,5	0,133650948	0,410302607	0,456046445
	2,089441044	0,394801284	13,211432	196414,3	0,133655652	0,427529273	0,438815075
	2,185120872	0,404494448	13,1313796	194140,8	0,133684242	0,421820551	0,444495207
	2,171737247	0,403140979	13,14226734	194453,7	0,133753595	0,422520239	0,443726165
	2,177963918	0,403819679	13,13559855	194281,7	0,134140677	0,421629633	0,44422969
	2,369545127	0,423532935	12,9765455	189749,7	0,134247893	0,410131634	0,455620473
	1,54069419	0,341276142	13,67556322	209536,1	0,134394014	0,459054258	0,406551728
	2,080780014	0,39402826	13,21537011	196565,7	0,134514338	0,426885448	0,438600214
	1,790977081	0,365337347	13,45996076	203486,9	0,134596632	0,443948913	0,421454455
	1,834561162	0,369597351	13,42274347	202438,9	0,134627344	0,44132464	0,424048016
	1,547410259	0,341945234	13,66844472	209351,8	0,134712341	0,458227297	0,407060362
	1,712316588	0,357732417	13,52621577	205363,3	0,134825602	0,448301965	0,416872433
	1,801724657	0,366429472	13,44917453	203202	0,135005884	0,442760513	0,422233603
	1,586275867	0,345669116	13,63363091	208390,5	0,135026395	0,455500842	0,409472763
	1,735177768	0,359973601	13,50550993	204794,1	0,135113311	0,446559467	0,418327222
	2,511971105	0,438573468	12,85627331	186347,2	0,135256924	0,40033147	0,464411606
	2,475601839	0,434806818	12,88400015	187166,9	0,135803736	0,401749952	0,462446312
	1,510331023	0,338555351	13,69578202	210172,3	0,135857988	0,458880911	0,405261101
	2,221286705	0,408448284	13,0928105	193144,7	0,135949205	0,416625202	0,447425593
	1,988784895	0,384985856	13,28681063	198660,7	0,13603557	0,43028739	0,43367704
	2,114451365	0,397617555	13,18075768	195659,7	0,136218614	0,422593465	0,441187921
	1,764874683	0,362977152	13,47556984	204004,7	0,136273272	0,443236493	0,420490236
	2,341324831	0,420847173	12,99230326	190291,1	0,136304278	0,409033011	0,454662711
	2,023961589	0,388551689	13,25540721	197792,4	0,136520369	0,427549466	0,435930165
	1,552088663	0,342589436	13,65639871	209106,9	0,136680569	0,455297817	0,408021613
	2,445673357	0,431775286	12,9051449	187814	0,136745169	0,40225498	0,460999851
	1,728351926	0,359487853	13,50477117	204850,2	0,136774313	0,444725748	0,418499939
	2,031691893	0,389375339	13,247221	197580,5	0,136974536	0,426479353	0,436546112
	2,149166486	0,40121913	13,14896366	194789,5	0,136988614	0,419498579	0,443512806
	1,597355238	0,346954725	13,61504593	207974	0,137277369	0,451811021	0,41091161
	1,941567997	0,380428665	13,32185963	199709,4	0,137286693	0,431399655	0,431313653
	1,796474554	0,366170793	13,44433776	203174,9	0,13738982	0,439859244	0,422750936
	2,255184669	0,41209646	13,05916082	192252,2	0,137488299	0,412542374	0,449969327
	2,323524112	0,419184027	13,00138611	190618,5	0,137879903	0,407964736	0,454155362

Table 10i: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 9

SPGSINTR 9	2,405394348	0,427694667	12,93409538	188693	0,137900234	0,403085528	0,459014237
	1,781882695	0,364807532	13,45457956	203489,3	0,137957411	0,43995915	0,42208344
	1,512348639	0,338982684	13,68446865	209966	0,138243677	0,45554658	0,406209743
	1,978168194	0,38417392	13,28725661	198774,2	0,138304543	0,427859073	0,433836384
	2,064081819	0,392793727	13,21439404	196716,6	0,138527264	0,422467522	0,439005214
	1,995851513	0,385995388	13,27036785	198319,6	0,138860202	0,426062359	0,435077439
	2,333123831	0,420334828	12,98862891	190312,7	0,139289823	0,405495939	0,455214238
	2,071660329	0,39363745	13,20532281	196491,6	0,139290162	0,420990383	0,439719455
	2,040955231	0,390599162	13,22943061	197195,2	0,139731101	0,42221586	0,438053039
	1,988134858	0,385317828	13,27367631	198451,2	0,139739038	0,425335416	0,434925546
	1,607476941	0,348205936	13,59519101	207546,2	0,140165649	0,447319172	0,412515179
	1,719428201	0,358979956	13,49901963	204844,8	0,140284052	0,440525144	0,419190804
	1,952012412	0,381781414	13,30201392	199278,5	0,140302304	0,426717099	0,432980597
	2,088663457	0,395489944	13,18646103	196011,3	0,140618145	0,418193256	0,441188599
	1,826869046	0,369476376	13,40631943	202245,6	0,140668205	0,43364031	0,425691485
	1,862621248	0,372993082	13,37577226	201385,7	0,140750742	0,431410336	0,427838922
	2,093219599	0,395983315	13,18153739	195884,8	0,140943433	0,417484918	0,441571649
	1,550575049	0,342863066	13,64108529	208870,1	0,140955162	0,449627419	0,40941742
	1,957389291	0,382400158	13,2945514	199102	0,14113241	0,425279869	0,433587721
	1,906455056	0,377354043	13,33735365	200315,4	0,141149291	0,428275597	0,430575113
	2,109783543	0,397717625	13,16570472	195458,7	0,141538231	0,4157018	0,442759969
	1,817157715	0,368721175	13,40743988	202361,2	0,142659281	0,43153281	0,425807908
	2,012821364	0,388086544	13,2425891	197693	0,142721612	0,419853361	0,437425027
	1,656976036	0,353194132	13,54333179	206198,2	0,142739714	0,440917143	0,416343143
	2,0490672	0,391722316	13,21220737	196830,8	0,142750044	0,417667041	0,439582915
	1,892088235	0,37610405	13,3434817	200559,9	0,142856772	0,42682614	0,430317087
	1,79608591	0,366686283	13,42437777	202850,5	0,142916955	0,43243435	0,424648694
	2,256633012	0,412843916	13,03902534	191906,6	0,143077829	0,404924539	0,451997632
	1,84205544	0,37120989	13,38462375	201736,9	0,143165101	0,429375714	0,427459185
	1,974057003	0,384262923	13,27348013	198588,7	0,143184407	0,421526997	0,435288596
	2,1624342	0,403262886	13,11522498	194101,9	0,14357356	0,409838959	0,44658748
	1,736881306	0,361002061	13,47175293	204221,8	0,143731604	0,43484519	0,421423206
	1,517647904	0,340016339	13,65845296	209485,1	0,143924432	0,447577603	0,408497965
	1,449310709	0,333586237	13,71687281	211129,4	0,144046779	0,45146255	0,404490671
	1,740676724	0,361399736	13,46743098	204112,8	0,144046833	0,434195487	0,421757679
	1,407752812	0,3297212	13,75162437	212116,6	0,144360917	0,453502054	0,402137029
	2,290439028	0,416455007	13,00713934	191044	0,144368492	0,401181926	0,454449582
	1,402166524	0,329212347	13,75591116	212242,9	0,144510141	0,453632027	0,401857831
	1,87247367	0,374349878	13,3536118	200922,6	0,144734801	0,425457861	0,429807338
	1,433520312	0,33216578	13,72799325	211470,2	0,144738471	0,451466255	0,403795275
	1,676933018	0,355300146	13,5192241	205602,1	0,144744633	0,43703278	0,418222587
	1,459106963	0,334582688	13,70530034	210841,1	0,144911315	0,449717022	0,405371663
	1,504373781	0,338879341	13,66510876	209727,3	0,145255105	0,446571147	0,408173747
	1,502518585	0,338723822	13,66590583	209759	0,145480865	0,446376875	0,40814226
	2,092623003	0,396390077	13,16650587	195643,5	0,145639674	0,411191995	0,443168331
	1,529929921	0,341336977	13,64159029	209084,9	0,145700287	0,444456743	0,40984297
	1,378005166	0,327070475	13,77212186	212751,2	0,145808774	0,453313949	0,400877277
	1,751733747	0,36264718	13,45159508	203741,7	0,145937567	0,430992423	0,42307001
	1,957623965	0,382903725	13,27768028	198822,2	0,146079961	0,418599038	0,435321001
	1,558617383	0,344116826	13,61475608	208356,6	0,14634491	0,441888018	0,411767071
	1,89547147	0,37678657	13,3282902	200276,2	0,146549461	0,42164967	0,431800869
	1,80623493	0,368037668	13,40266126	202391,8	0,146791204	0,42661227	0,426596526
	1,639376818	0,351876022	13,544049	206386	0,146844068	0,436429413	0,41672652
	1,979691483	0,385201702	13,25575856	198240,9	0,147168996	0,415823773	0,437007232
	1,904771138	0,377772172	13,31813401	200016,1	0,147281582	0,420112004	0,432606414
	1,381545149	0,327546656	13,76290779	212564,2	0,147552881	0,450753943	0,401693176
	1,41272984	0,330465284	13,73572152	211805,2	0,14762945	0,448802691	0,403567859
	1,718385832	0,359636291	13,47148558	204402,4	0,148483257	0,429538325	0,421978418
	1,459614841	0,334938837	13,6922435	210621,2	0,148537489	0,444800582	0,406661928
	1,549250501	0,343415903	13,61526863	208458,7	0,148563911	0,439452973	0,411983116
	2,007334844	0,388090934	13,22830208	197512,9	0,148590288	0,412270346	0,439139366
	2,208892396	0,408495313	13,06096179	192744,8	0,148751484	0,40010839	0,451140127
	1,746324481	0,362400984	13,44580719	203700,6	0,149115385	0,427030814	0,423853801
	2,175676415	0,405147437	13,08690417	193503,7	0,149235457	0,401424678	0,449339865
	2,000811199	0,387507724	13,2313762	197628,7	0,14937236	0,411603094	0,439024546
	1,802512468	0,367901308	13,39751077	202344,3	0,149385621	0,423336843	0,427277536
	2,165038513	0,404083636	13,09503112	193743,7	0,149457088	0,401756451	0,448786461
	1,624117709	0,350640007	13,54827428	206608,1	0,149507629	0,433744498	0,416747872
	1,823256792	0,369948245	13,37945546	201839,9	0,149572422	0,421855771	0,428571807
	1,889957545	0,376511717	13,32337505	200250,4	0,149585967	0,417884686	0,432529348
	1,464527174	0,335487467	13,68449464	210444,6	0,149592669	0,443087591	0,40731974
	2,102384107	0,397774659	13,1452149	195195,7	0,149996699	0,404742352	0,445260949
	2,025107812	0,390006734	13,20889267	197015,9	0,150136306	0,409133792	0,440729903
	1,357322453	0,325527718	13,77385541	212986,5	0,150487276	0,448235277	0,401277447
	1,536908447	0,342453291	13,61750007	208618,9	0,15112545	0,436732665	0,412141885
	1,374954894	0,327236137	13,75582844	212513,7	0,151342359	0,446038098	0,402619543
	1,961659307	0,38380901	13,25687634	198439,6	0,15179808	0,410654615	0,437547305
	1,349934437	0,324944573	13,77583773	213093	0,151825332	0,44687005	0,401304618
	1,847379656	0,372518172	13,35190952	201145,6	0,151983138	0,417177709	0,430839153
	1,872264879	0,374971682	13,33091107	200551,3	0,152028511	0,415641815	0,432329674
	1,543821587	0,343186478	13,60855152	208402,5	0,152092142	0,43502034	0,412887518
	1,567179959	0,345423058	13,58805998	207831,9	0,152273148	0,433392163	0,414334689
	1,961282908	0,383839103	13,25485636	198410,2	0,152616653	0,409573878	0,437809469
	1,514958861	0,340490095	13,63155113	209069,5	0,152625459	0,436012154	0,411362388
	1,555774099	0,344376891	13,59621827	208080,1	0,152781947	0,433382483	0,413835571
	1,533104035	0,342244241	13,61470187	208610,9	0,153062359	0,4343481	0,412589542
	1,984702914	0,386230004	13,23344155	197823,7	0,153305211	0,407258112	0,439436677
	1,938753928	0,381667739	13,27123746	198904,9	0,153468233	0,409761474	0,436770293
	1,925979701	0,380405612	13,28168883	199204,5	0,153540033	0,41042175	0,436038217
	1,783326714	0,366395226	13,40021823	202580,7	0,153880588	0,418416775	0,427702637
	1,831414167	0,371103112	13,35980023	201435	0,153890745	0,41555332	0,430555935
	1,449107084	0,334384512	13,68351761	210582,8	0,154053493	0,43799037	0,407956137
	2,037789024	0,391614866	13,18703333	196529,5	0,154173025	0,402942715	0,44288426
	1,429309518	0,332542051	13,69979757	211048,5	0,154280971	0,438857086	0,406861943
	2,050973853	0,392950063	13,17577885	196212,5	0,154301199	0,401988636	0,443710165
	1,531757367	0,342232289	13,6112424	208567,4	0,154587046	0,432373359	0,413039595
	1,806283783	0,368697971	13,37879089	201998,7	0,154634477	0,416040407	0,429325115
	1,481203997	0,337462643	13,65381729	209773,3	0,154787134	0,435099641	0,410113225
	1,349292923	0,325156994	13,7648652	212919	0,155493424	0,44196524	0,402541336
	1,534288581	0,342580587	13,60479263	208436	0,156049656	0,430252458	0,413697886

Table 10j: Sorted MC Simulations results for SPGSINTR for the Recession period – Part 10

SPGSINTR 10							
	1,402222214	0,330134242	13,71766666	211613,3	0,156062432	0,438061784	0,405875783
	1,730065297	0,36138602	13,43857897	203744,3	0,156181155	0,418473104	0,425345742
	1,756743223	0,363995767	13,41552001	203098,2	0,15640261	0,416593696	0,427003694
	1,313074547	0,321885331	13,79225266	213731,6	0,156757986	0,442407598	0,400834416
	1,999569754	0,387993769	13,2116014	197315,8	0,156883009	0,401555915	0,441561075
	1,454834706	0,335144307	13,66958617	210296,3	0,157094121	0,433553632	0,409352248
	1,371454905	0,327349294	13,74038149	212294,6	0,157317613	0,438193742	0,404488646
	1,30025824	0,320741658	13,80147358	214011,5	0,157372214	0,442339435	0,40028835
	1,542132229	0,343430195	13,59397505	208179,7	0,157504792	0,427826802	0,414668406
	1,854796614	0,373680267	13,33023529	200714,9	0,157572358	0,409206578	0,433221064
	1,312157798	0,321863083	13,79035777	213709,6	0,157665419	0,441239143	0,401095439
	1,604902978	0,349432311	13,54011091	206666	0,157710753	0,423829333	0,418459914
	1,456885498	0,335390875	13,66565135	210211,1	0,157858211	0,432402471	0,409739318
	1,430877243	0,332971602	13,6868324	210819,6	0,158230335	0,433442332	0,408327333
	1,943163368	0,382476634	13,25469894	198588,8	0,158341581	0,402933226	0,438725192
	1,322010428	0,322841445	13,77908498	213425,7	0,158627837	0,439358377	0,402013786
	1,79323595	0,36778662	13,376466	202090,9	0,159621407	0,410093663	0,43028493
	1,609364667	0,350021027	13,53008413	206456,4	0,160043849	0,42042103	0,419535121
	1,545469413	0,343954302	13,58296338	207965,2	0,160521151	0,423564429	0,41591442
	1,63504255	0,352522265	13,50692508	205818,7	0,160610268	0,418136042	0,421253691
	1,307179438	0,321616658	13,7854449	213678,6	0,160903204	0,437171191	0,401925605
	1,825161535	0,37100887	13,34634078	201276,2	0,16102133	0,406315259	0,432663411
	1,662489237	0,3552194	13,48163561	205128,3	0,16146098	0,415363139	0,423175881
	1,654128858	0,354421316	13,48840466	205323,2	0,161570899	0,415710475	0,422718626
	1,718300533	0,360629373	13,43415197	203789,1	0,161687882	0,411749884	0,426562234
	1,629566366	0,352077665	13,50842758	205898,2	0,161846157	0,416795187	0,421358656
	1,436265393	0,333729458	13,67189668	210520	0,162037744	0,427992459	0,409969797
	1,503381356	0,340069399	13,61437003	208902,6	0,162194495	0,423803794	0,41400171
	1,756190225	0,364373407	13,40009839	202850,1	0,162646731	0,408212389	0,429140879
	1,327345828	0,323669912	13,76030005	213063,3	0,163855259	0,431998134	0,404146607
	1,487635775	0,338684542	13,62354778	209211,1	0,163869154	0,422480276	0,41365057
	1,348372658	0,325641312	13,74156708	212544,9	0,164142258	0,4303653	0,405492442
	1,579407727	0,347429489	13,54478288	206997,8	0,164304685	0,416454782	0,419240533
	1,382358266	0,328820317	13,71207101	211719,9	0,164320569	0,428110962	0,40756847
	1,358612621	0,326619334	13,73177098	212281,4	0,164554882	0,429202439	0,406242679
	1,258957459	0,317407057	13,81634919	214669,1	0,164882512	0,434666734	0,400450754
	1,637301886	0,353040642	13,49349224	205575,2	0,165382574	0,41157137	0,423046056
	1,549870939	0,344691018	13,56670169	207653,7	0,165596404	0,416464579	0,417939016
	1,533753184	0,343158864	13,58030624	208038,6	0,165605654	0,417407288	0,416987057
	1,744593117	0,363431799	13,4029064	203012,3	0,165680045	0,404812209	0,429507746
	1,262115518	0,317751427	13,8113142	214554,7	0,165804437	0,433237268	0,400958295
	1,646637761	0,353976284	13,48420006	205329	0,166024874	0,410152594	0,423822532
	1,72841562	0,361887778	13,41538782	203379,3	0,166156459	0,405128945	0,428714596
	1,330607345	0,324166901	13,74926498	212849,2	0,167199467	0,427298461	0,405502071
	1,437400112	0,334152441	13,65798606	210279,9	0,167330937	0,420792529	0,411876533
	1,627406729	0,352216704	13,49696352	205731,2	0,16757312	0,409205975	0,423220905
	1,409972146	0,33164765	13,6784368	210890,5	0,168591021	0,420719982	0,410688996
	1,265765738	0,318245294	13,80135101	214354,4	0,168641908	0,429197399	0,402160693
	1,739083073	0,363071755	13,40102137	203036,4	0,168777465	0,400964911	0,430257624
	1,570116207	0,346805301	13,54236934	207051	0,168872804	0,410849786	0,42027741
	1,283892394	0,319936575	13,78504995	213905	0,168981942	0,427664972	0,403353086
	1,28352048	0,319940596	13,78371423	213886,7	0,169709805	0,426706202	0,403583993
	1,48086012	0,338394613	13,61519721	209141,5	0,170046461	0,414557772	0,415395767
	1,483425837	0,338652199	13,61241746	209070,1	0,170338564	0,414012107	0,415649329
	1,456115546	0,336077554	13,63543851	209721,8	0,170375089	0,415581357	0,414043555
	1,681576099	0,357588288	13,44570148	204346,3	0,170452588	0,402115638	0,427431774
	1,229676	0,315031523	13,82758533	215146,8	0,170698947	0,428564256	0,400736798
	1,346391931	0,325825812	13,72770677	212336,8	0,170786316	0,421529682	0,407684002
	1,456719676	0,336158793	13,63394041	209691,2	0,170848542	0,414907567	0,414243891
	1,507410276	0,340950554	13,59100166	208478	0,170904828	0,411827684	0,417267488
	1,511498957	0,341342712	13,58736562	208377,3	0,170997281	0,411460798	0,417541921
	1,527169453	0,342889579	13,57177064	207964,1	0,172203389	0,408906875	0,418889736
	1,538939417	0,344025808	13,56115902	207671,8	0,172571484	0,407713346	0,41971517
	1,58957597	0,348865262	13,51818525	206458,6	0,172816086	0,404382907	0,422801007
	1,52818799	0,34303088	13,5691494	207910,8	0,173124624	0,407605133	0,419270244
	1,549103299	0,345030156	13,55114181	207405,4	0,173353917	0,406056668	0,420589415
	1,248485655	0,316921278	13,80448466	214578,7	0,173996331	0,423006263	0,402997406
	1,40026639	0,331040725	13,6741957	210917,8	0,174646916	0,413134728	0,412218356
	1,421230154	0,333017383	13,6559821	210408,6	0,1749071	0,411541766	0,413551134
	1,41767416	0,332707964	13,65799417	210477,3	0,175446297	0,411025924	0,41352778
	1,252522857	0,317367399	13,79780074	214428,4	0,175636175	0,420557287	0,403806538
	1,517995003	0,342180642	13,57307722	208077,3	0,175679769	0,404766081	0,419554149
	1,380077973	0,329230141	13,68807616	211348	0,176385939	0,41198777	0,411626292
	1,249011584	0,317089306	13,7988282	214480,4	0,176671839	0,419369795	0,403958366
	1,205195732	0,313159264	13,83208322	215465,6	0,17892076	0,418935952	0,402143288
	1,180776008	0,310968858	13,85098593	216020,7	0,180022511	0,418898488	0,401079002
	1,169181114	0,309923012	13,86031441	216290,1	0,180350945	0,419143055	0,400506
	1,225859829	0,315123925	13,81142072	214919,1	0,180717357	0,415290403	0,40399224
	1,311820541	0,323066049	13,73796421	212851,2	0,181056149	0,409739653	0,409204198
	1,181109197	0,311041242	13,8488338	215982	0,181129608	0,417386907	0,401483485
	1,269382817	0,319149151	13,77359796	213861,7	0,181252597	0,411989888	0,406757515
	1,422991641	0,333441231	13,6439063	210192,4	0,1812586	0,402878603	0,415862797
	1,295124219	0,32153896	13,75128378	213237,2	0,18157522	0,410029655	0,408395125
	1,275453779	0,319723598	13,76783909	213706,3	0,181642023	0,41110535	0,407252627
	1,274621905	0,319652622	13,76829369	213722,1	0,181802876	0,410937897	0,407259228
	1,420079365	0,333200708	13,64501494	210239,7	0,182179448	0,401810329	0,416010222
	1,280935025	0,320295108	13,76038592	213528,9	0,183512645	0,408259819	0,408227536
	1,19252255	0,312186831	13,83457402	215633,3	0,184032484	0,412798843	0,403168673
	1,285180479	0,320718242	13,75546874	213405,5	0,184449212	0,406746182	0,408804606
	1,278303581	0,320150854	13,75836672	213522	0,186639964	0,404201639	0,409158397
	1,232774556	0,315975681	13,79607383	214597,5	0,187230071	0,406104608	0,406665321
	1,299874555	0,322179321	13,73869626	212982,7	0,18785993	0,401279283	0,410860724
	1,234231113	0,31613339	13,79379884	214545,5	0,188072963	0,404882476	0,407044561
	1,215541094	0,314420996	13,80947972	214990,3	0,18816838	0,405861511	0,405970109
	1,239884205	0,316706222	13,78669939	214372,2	0,19009361	0,401824599	0,408081791
	1,200886514	0,313144683	13,8189662	215292,9	0,190681303	0,40334376	0,405974937
	1,120891987	0,305862367	13,88644607	217202,8	0,190882947	0,407812692	0,401304361
	1,16872772	0,310245416	13,84444948	216033,7	0,19228285	0,403091443	0,404625706
	1,150868961	0,308677737	13,85690548	216417,1	0,195071929	0,400391453	0,404536618
	1,09054436	0,303227763	13,90701692	217844,6	0,196062018	0,402632257	0,401305725
	1,07214525	0,301584122	13,92180232	218271,8	0,196999161	0,40245981	0,400541029