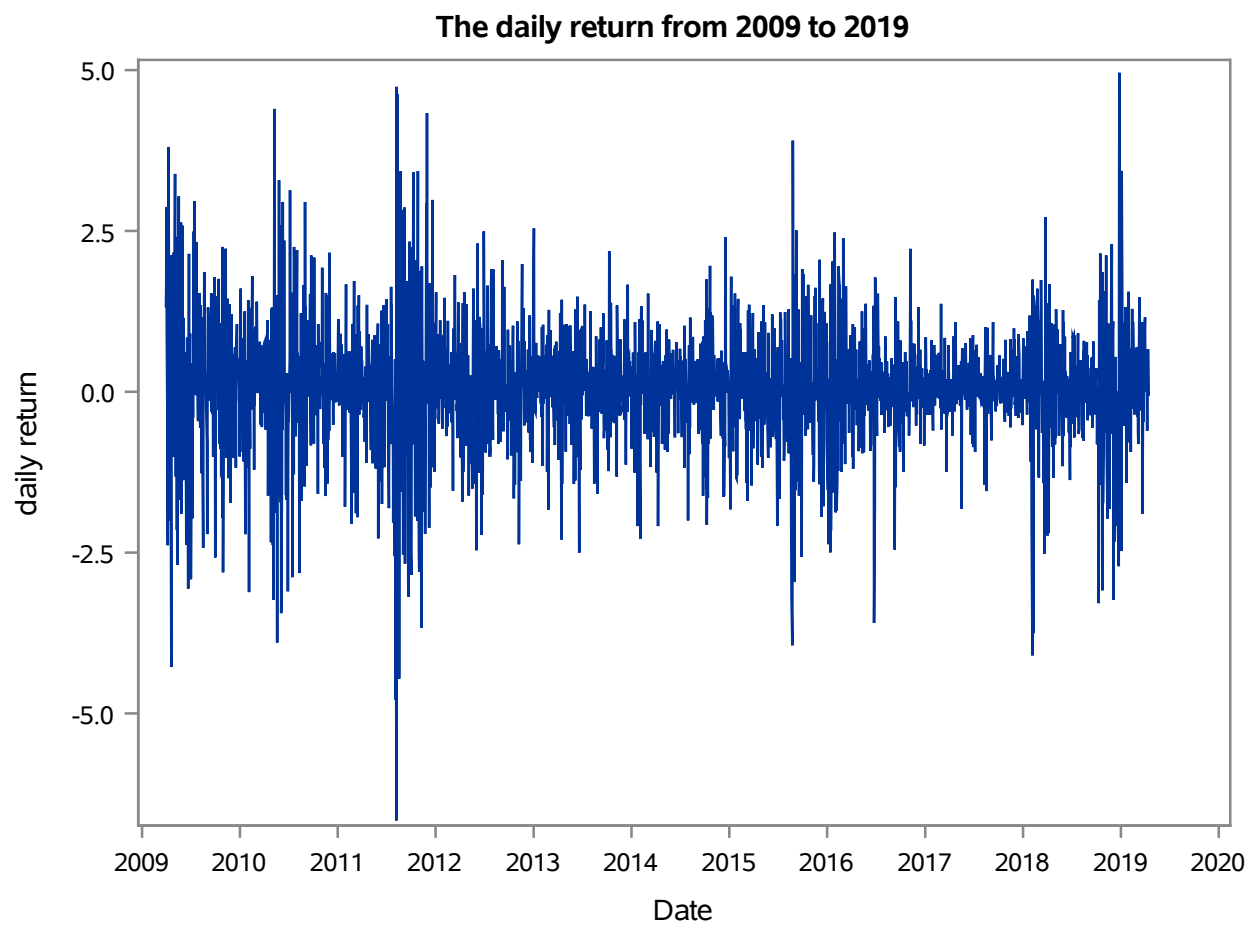


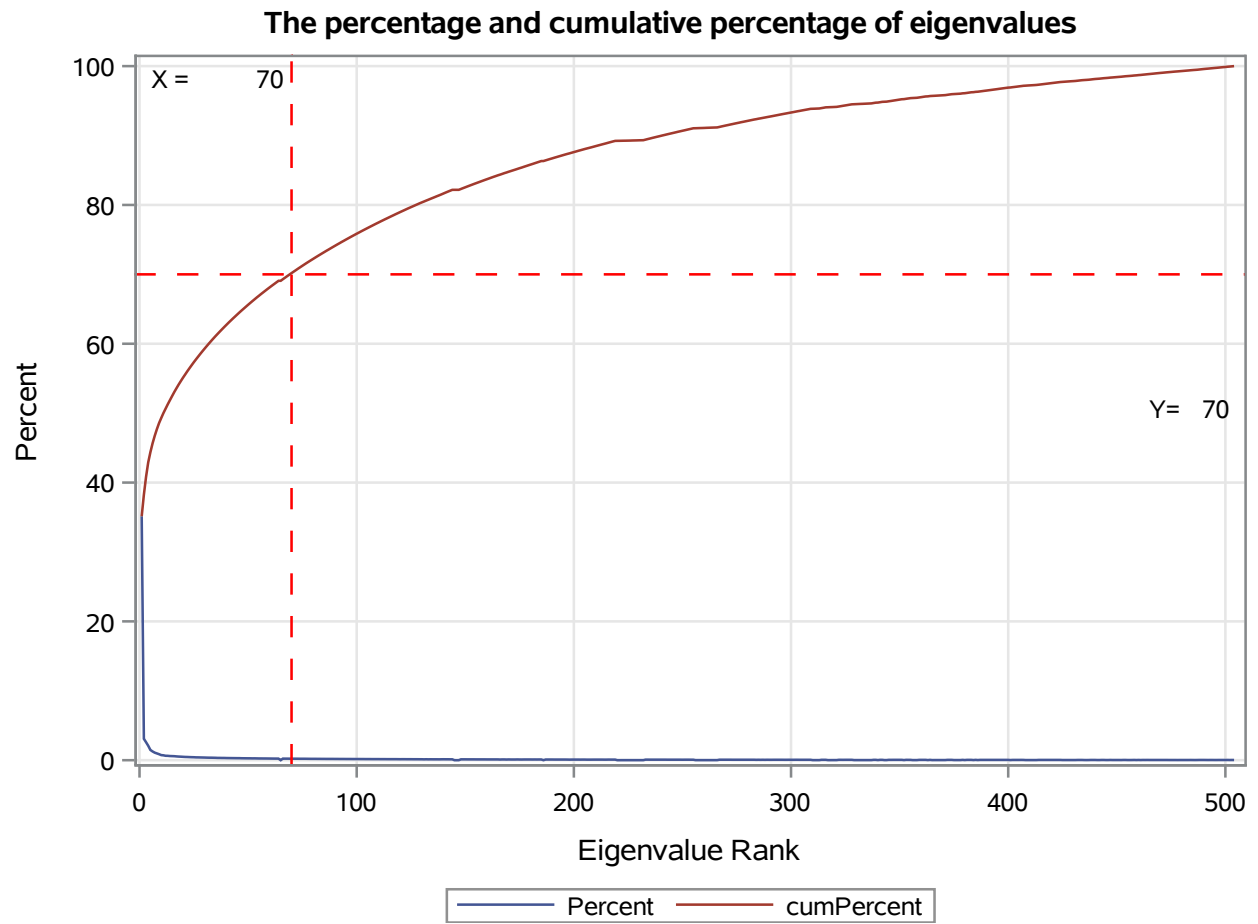
The count and percentage of sectors in SP 500 Index

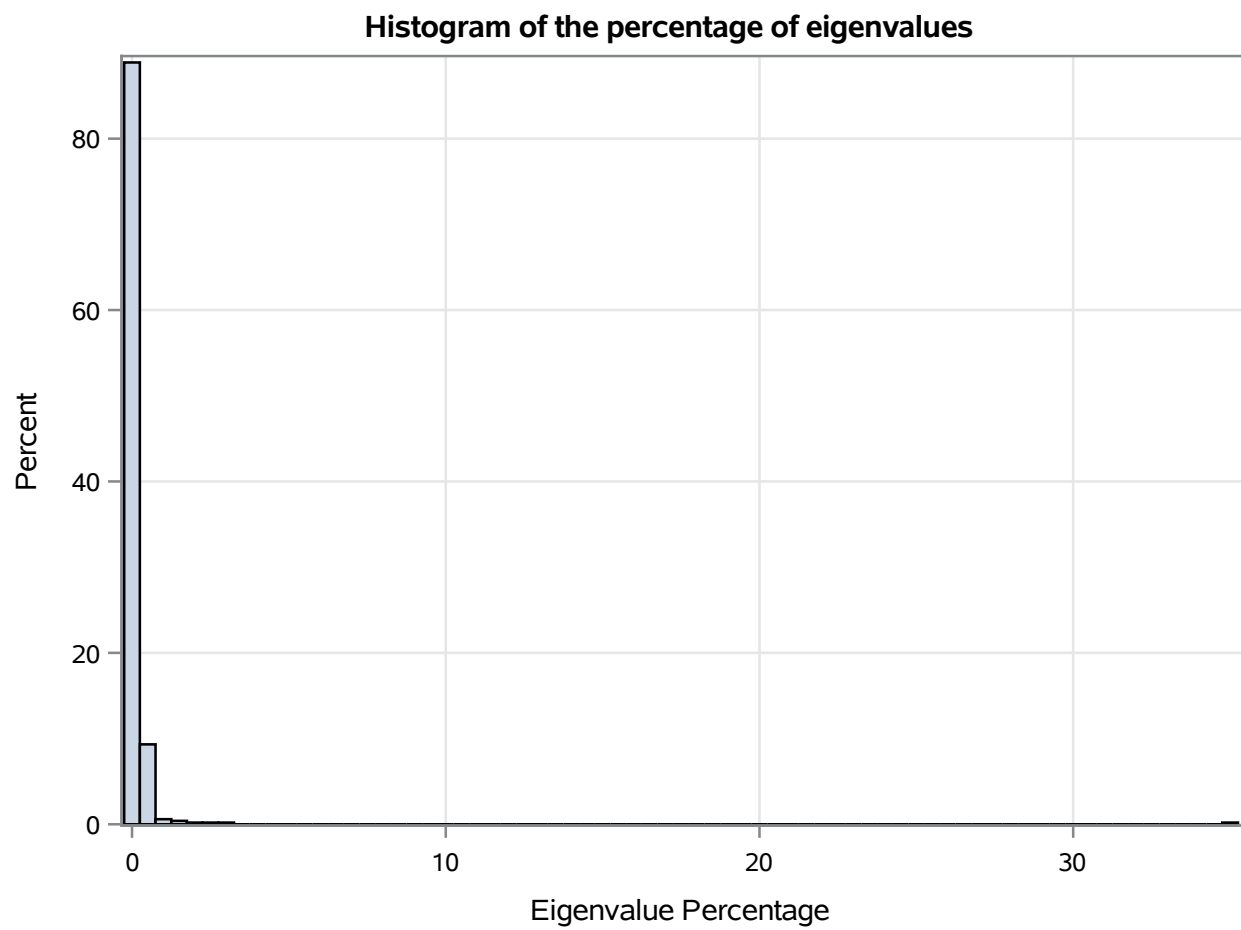
1

Sector	N	Percentage
Industrials	70	13.9%
Information Technology	68	13.5%
Financials	67	13.3%
Consumer Discretionary	64	12.7%
Health Care	62	12.3%
Consumer Staples	32	6.3%
Real Estate	32	6.3%
Energy	29	5.8%
Utilities	28	5.6%
Materials	26	5.2%
Communication Services	26	5.2%



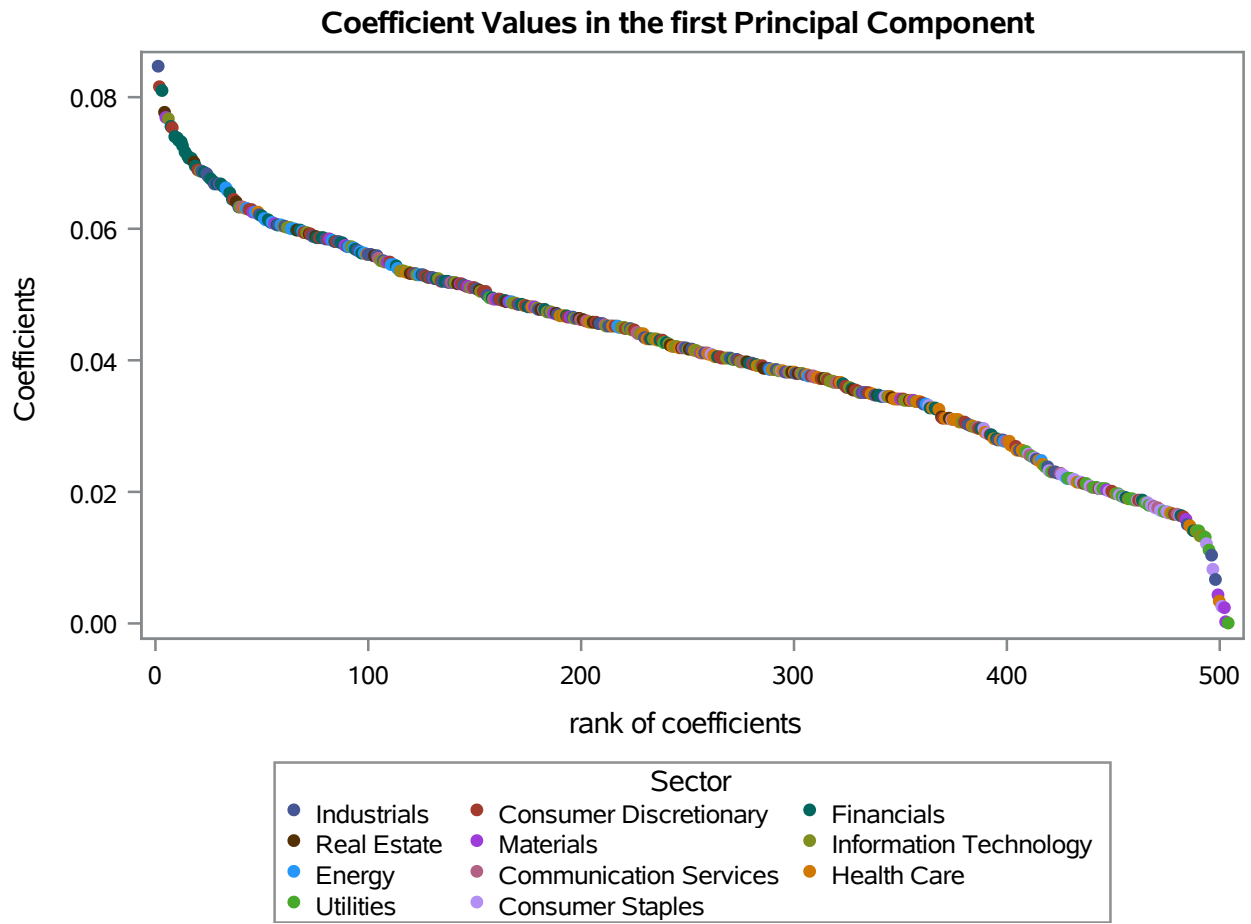
Rank	eigenvalue	Percentage	Cumulative Percentage
1	578.42	35.147	35.147
2	50.80	3.0867	38.234
3	42.63	2.5902	40.824
4	34.26	2.0815	42.906
5	24.28	1.4752	44.381

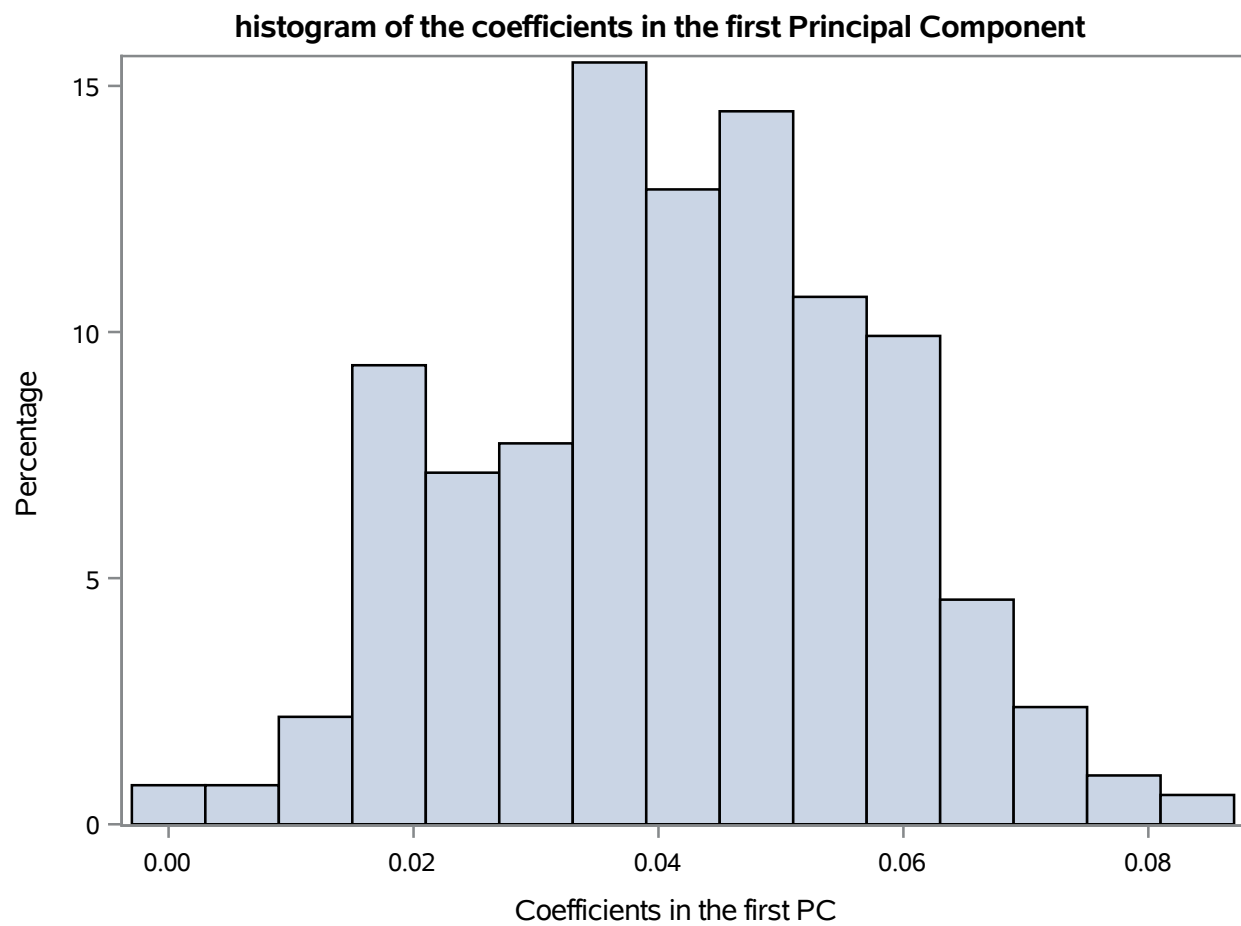




Summary Table of the percentage eigenvalues

Analysis Variable : Percent				
N	Mean	Std Dev	Minimum	Maximum
504	0.1984127	1.5794137	-2.12612E-16	35.1472497

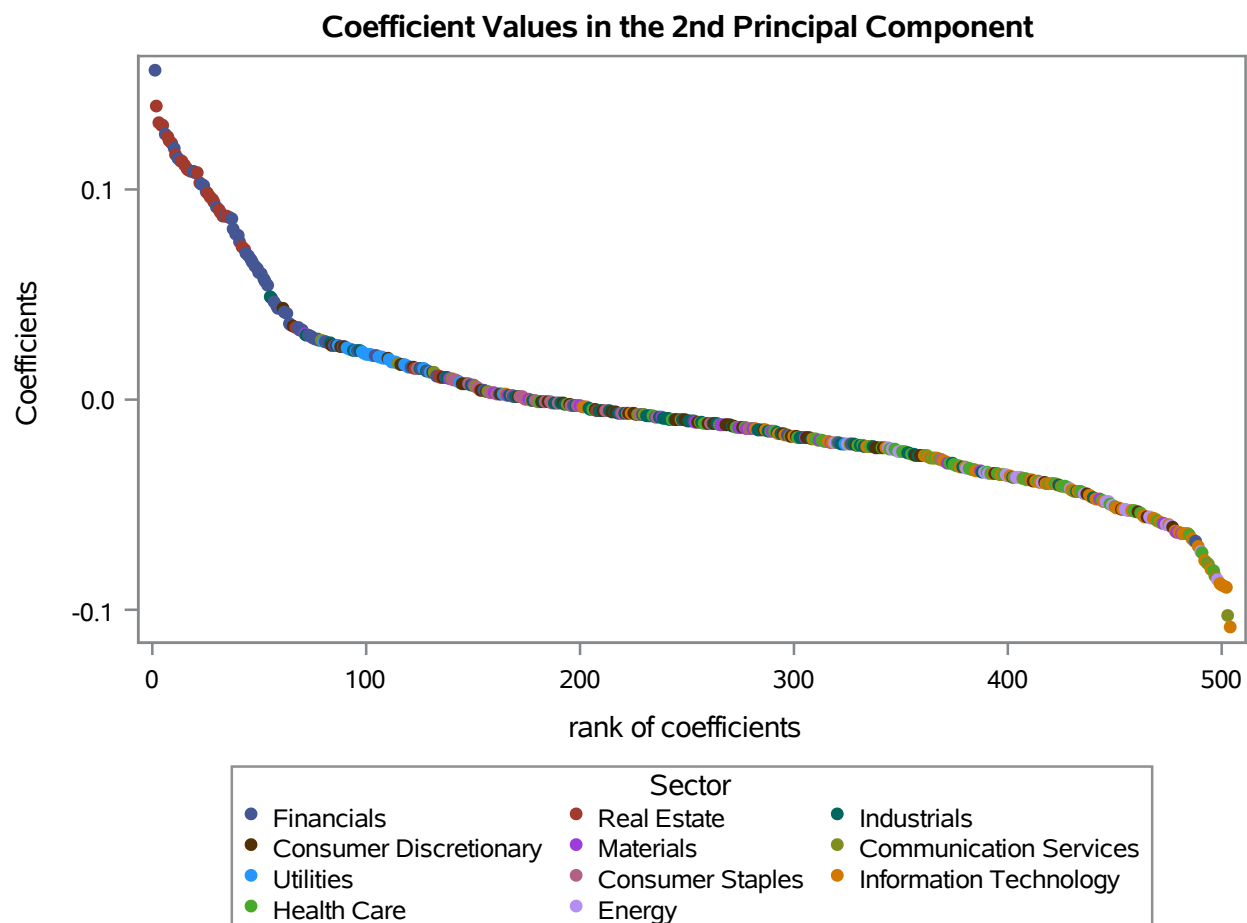


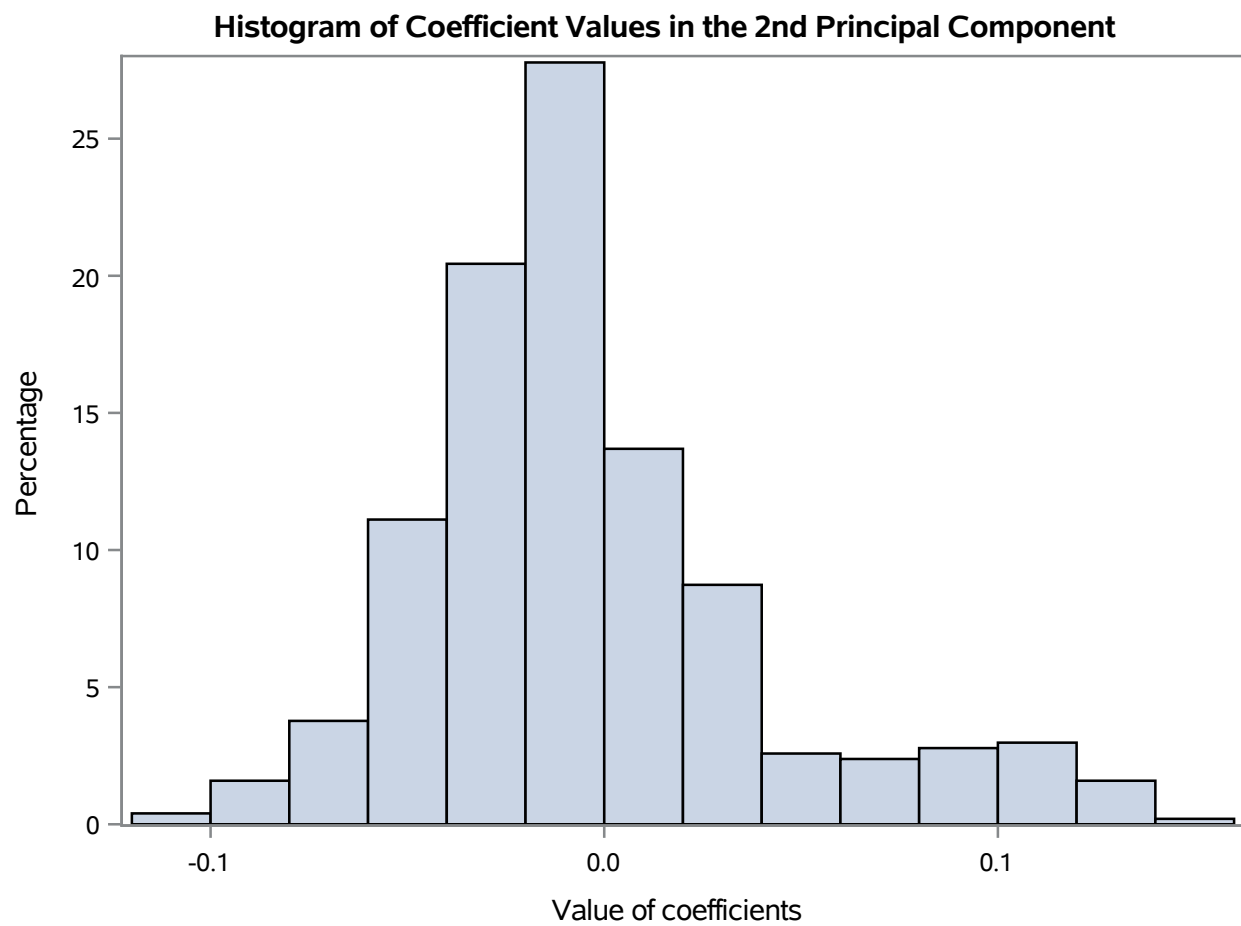


2 Variables:	Sp500	PC1
---------------------	-------	-----

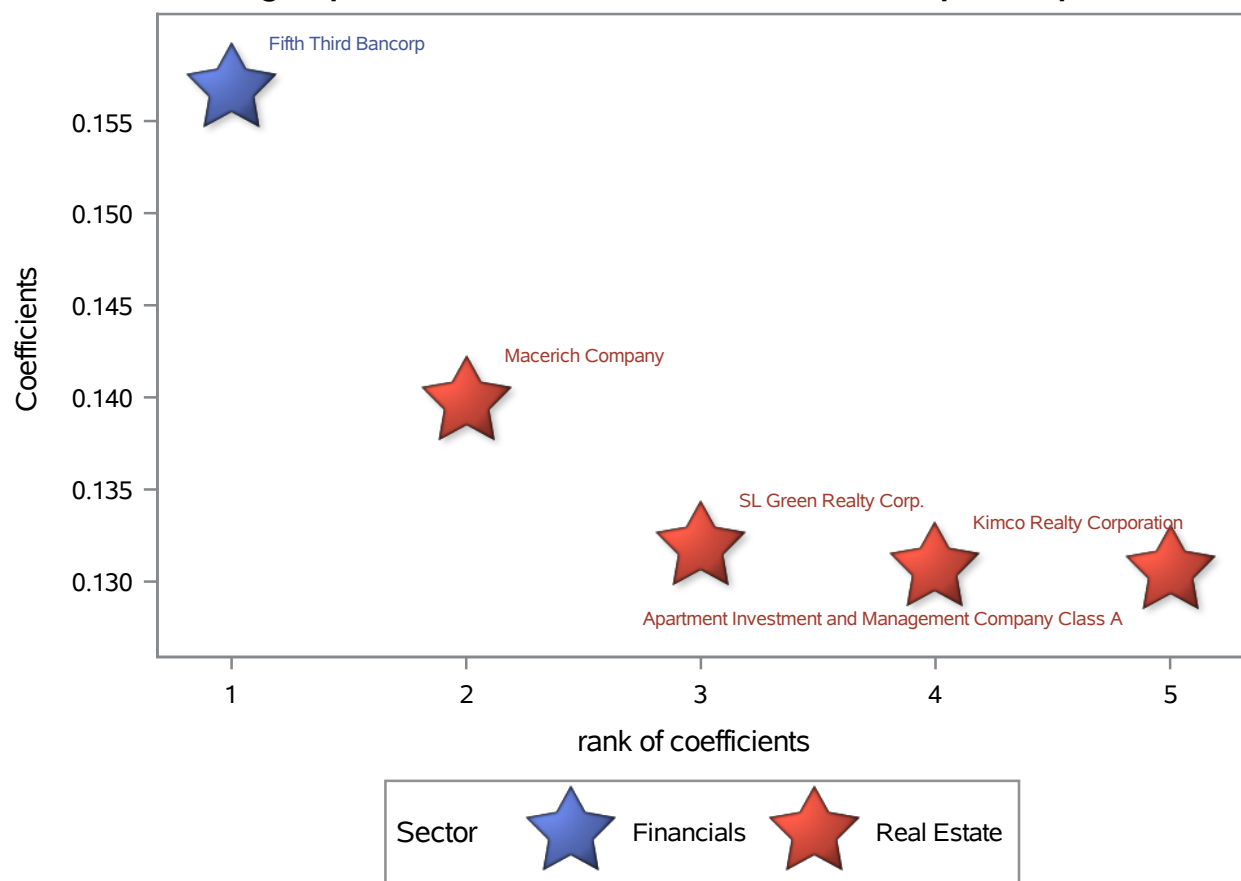
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
Sp500	2528	0.05639	0.97231	142.55049	-6.66345	4.95937
PC1	2528	0.09136	1.25784	230.96273	-8.45449	8.26167

Pearson Correlation Coefficients, N = 2528 Prob > r under H0: Rho=0		
	Sp500	PC1
Sp500	1.00000	0.96606 <.0001
PC1	0.96606 <.0001	1.00000

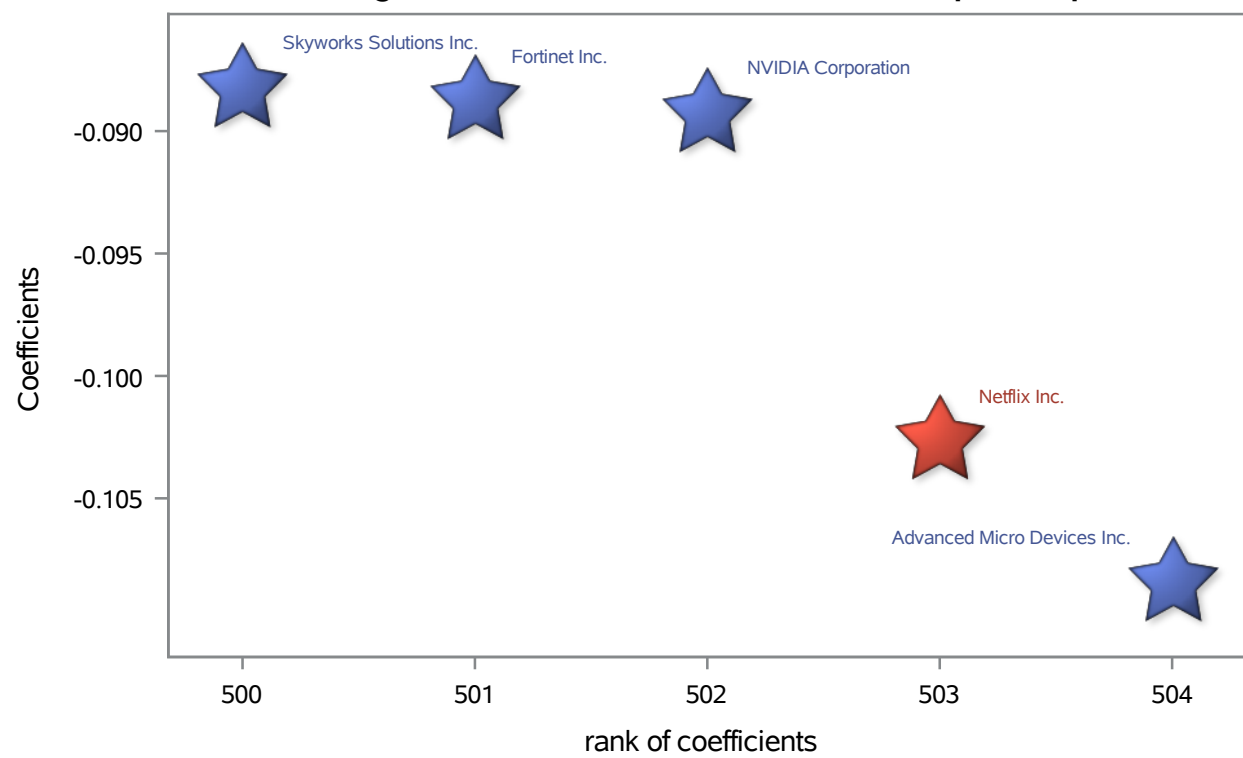




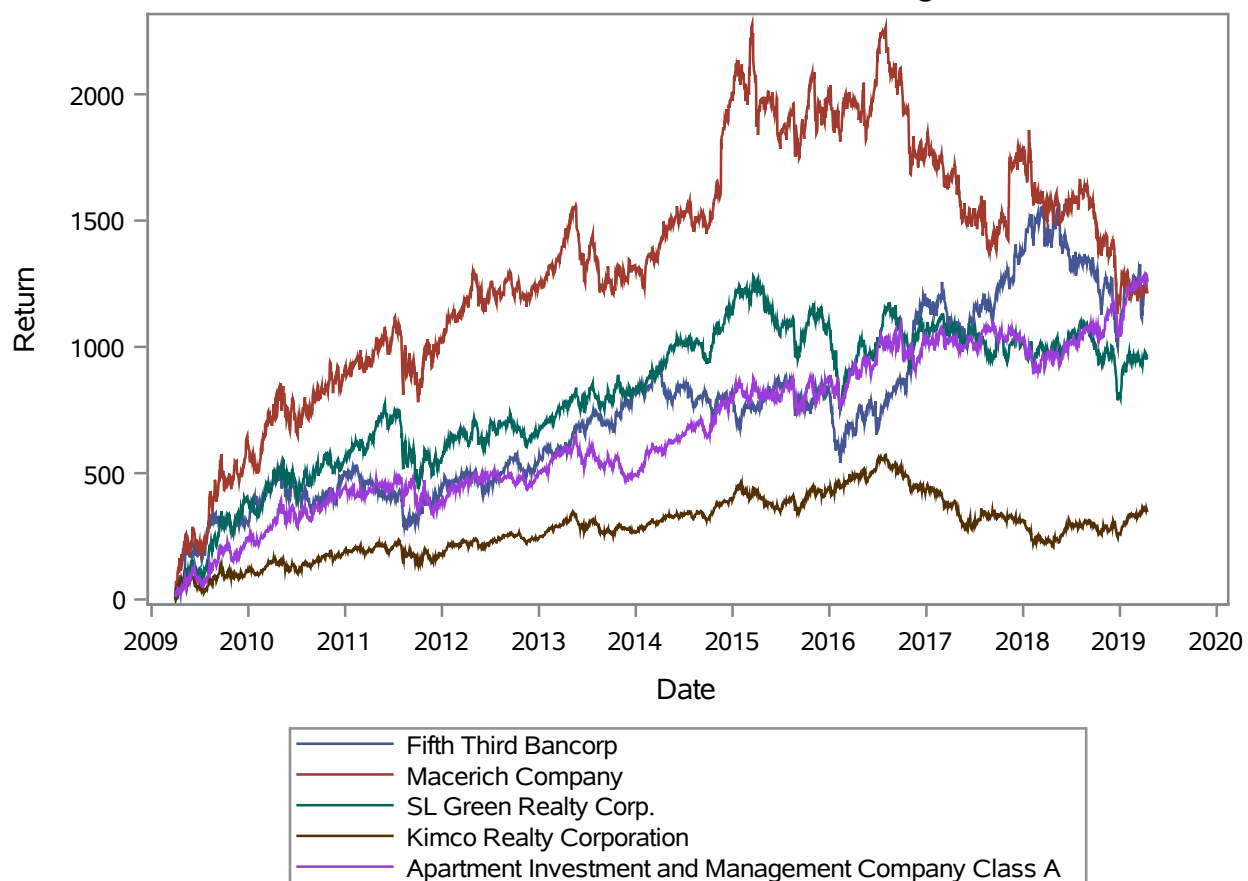
5 largest positive Coefficient Values in the 2nd Principal Component



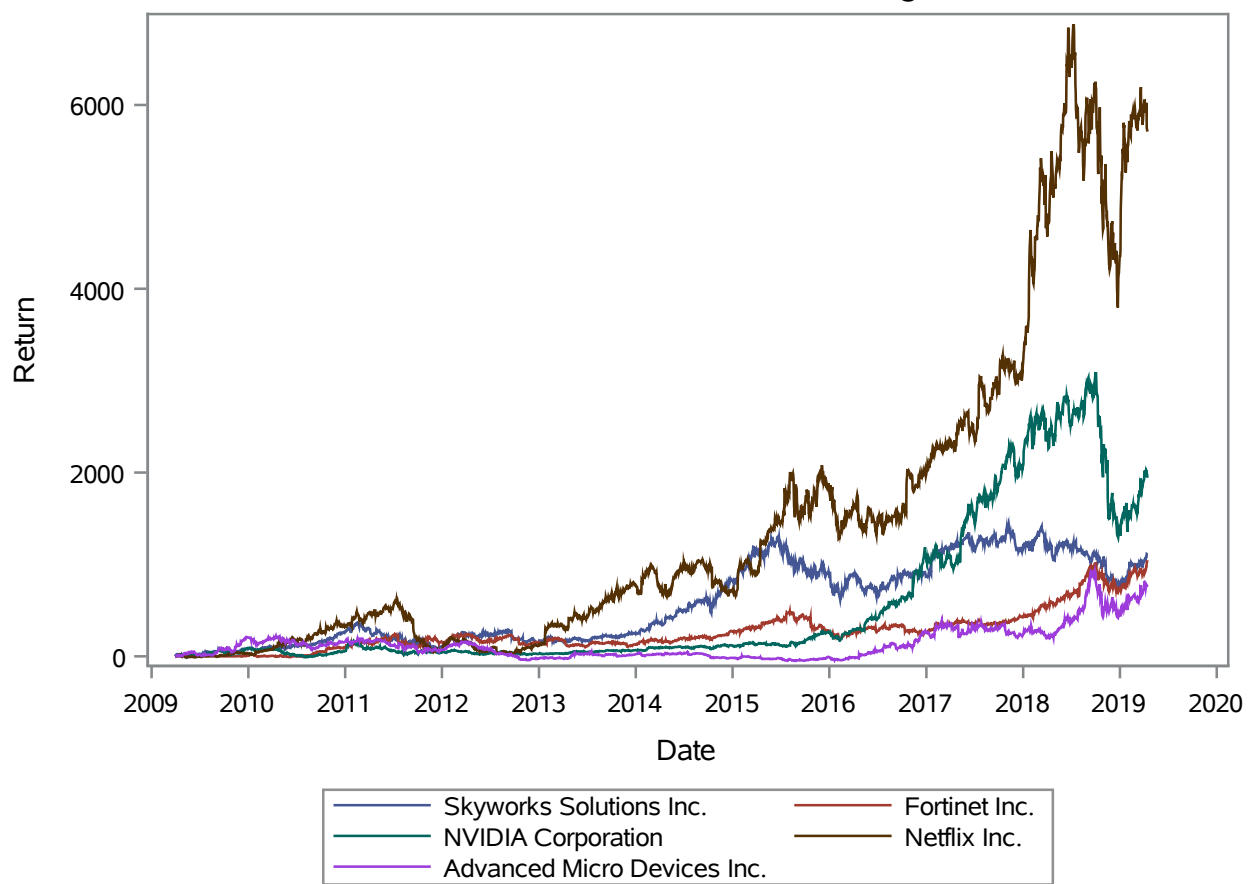
5 smallest negative Coefficient Values in the 2nd Principal Component

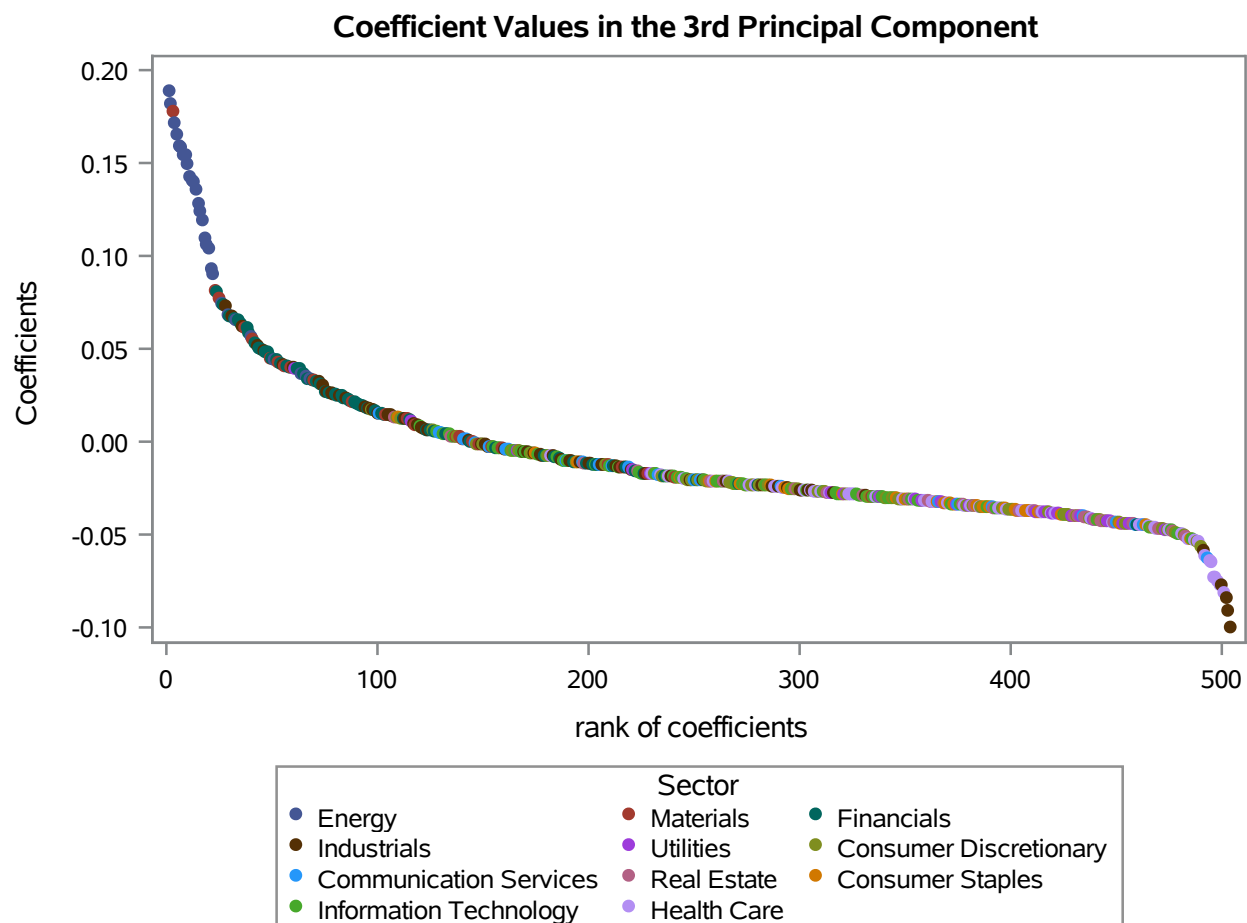


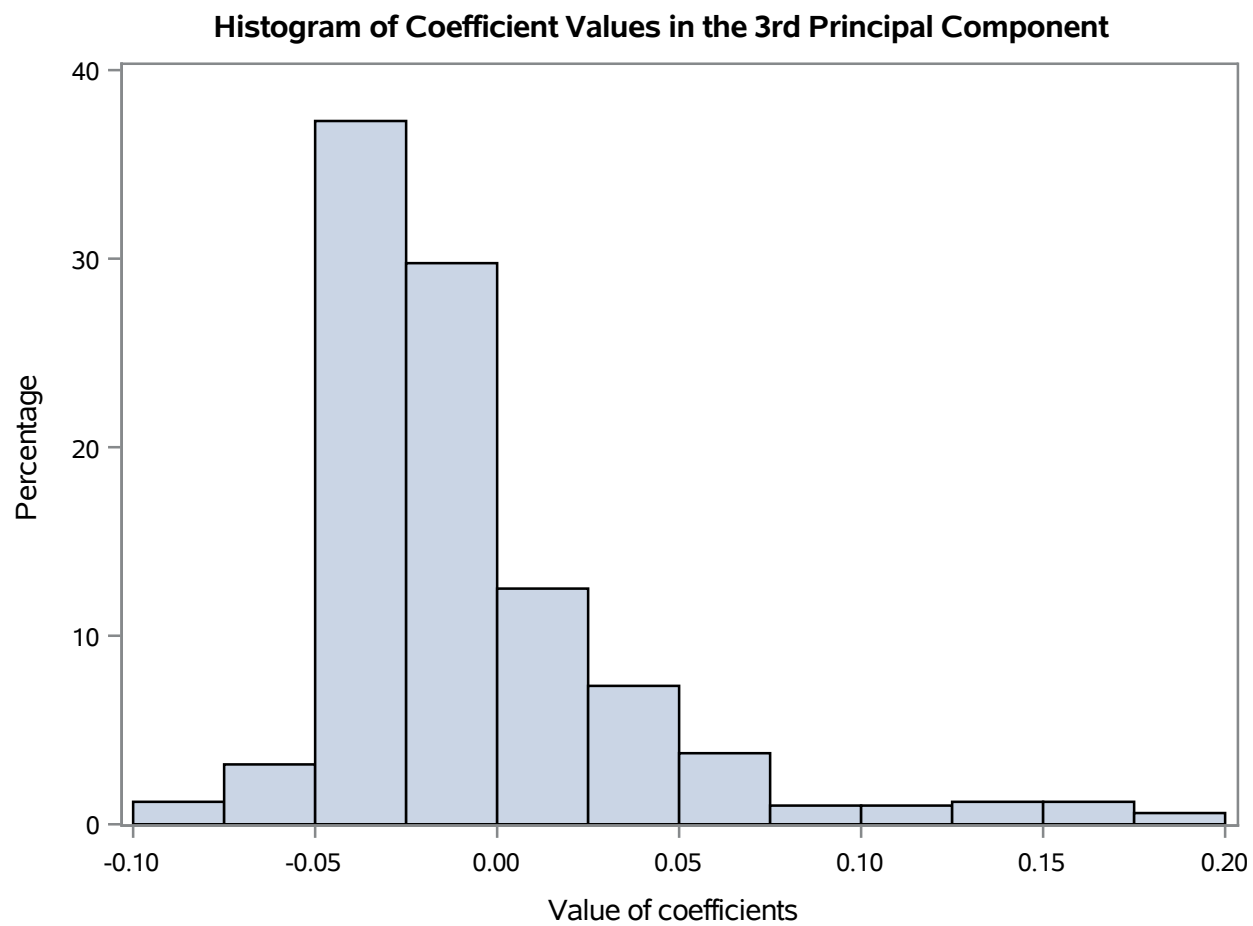
The return from the start date for the stocks with 5 largest coefficients



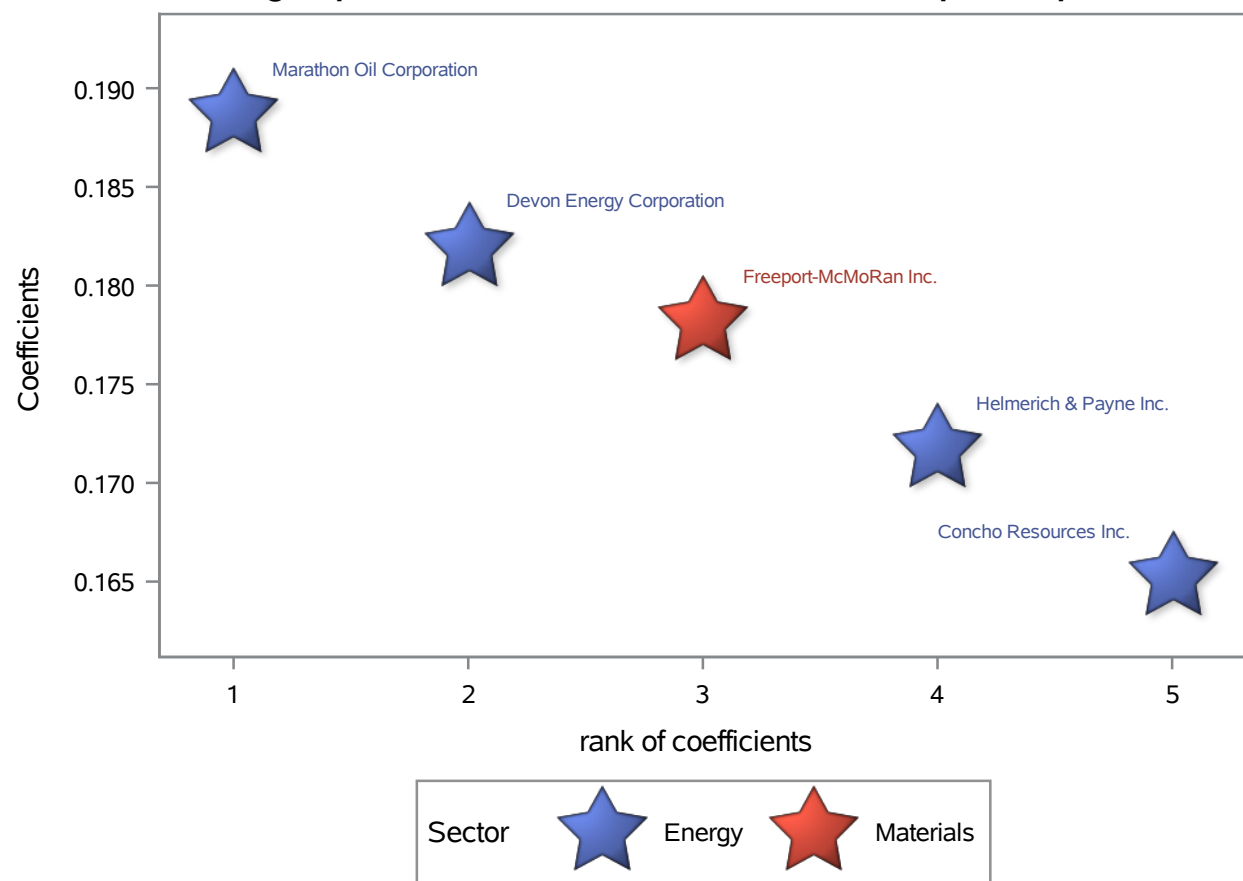
The return from the start date for the stocks with 5 smallest negative coefficients



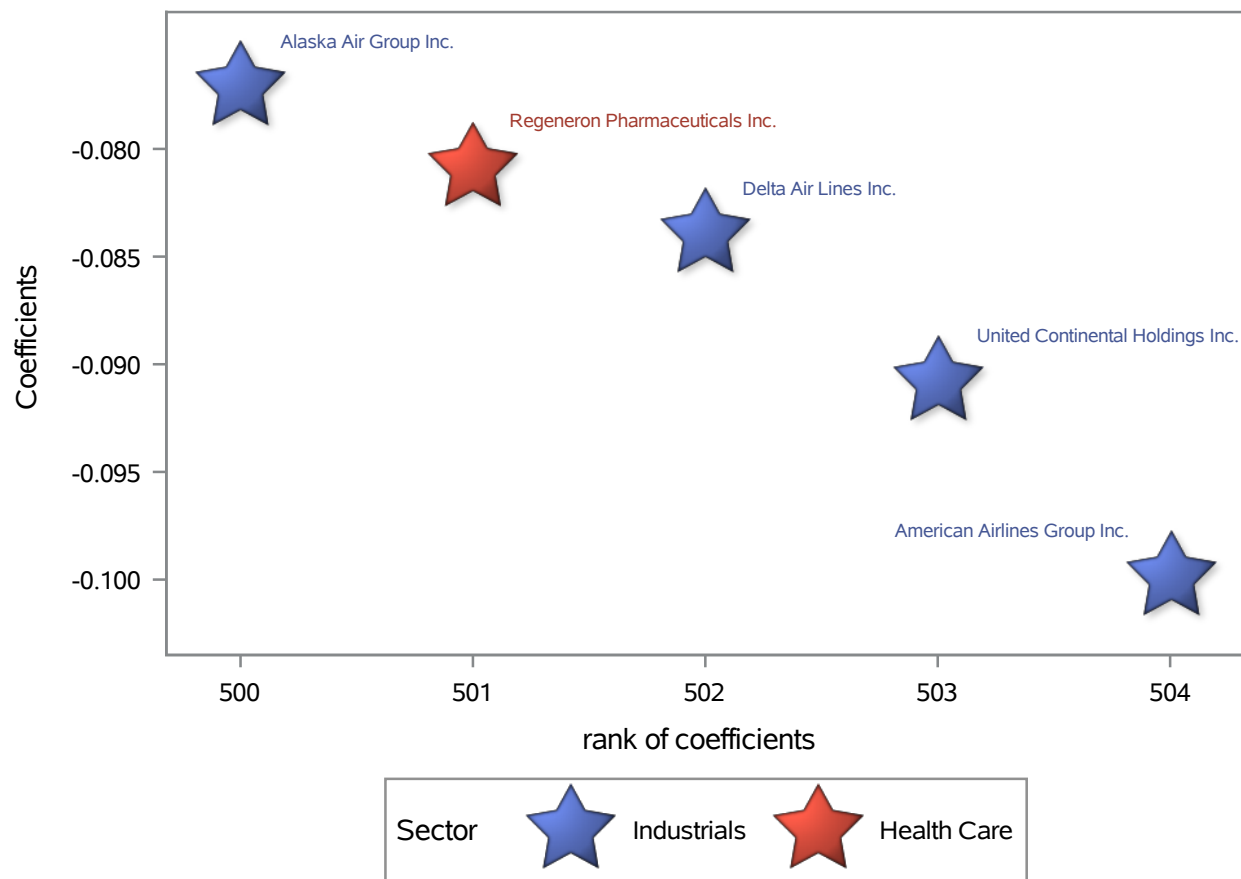




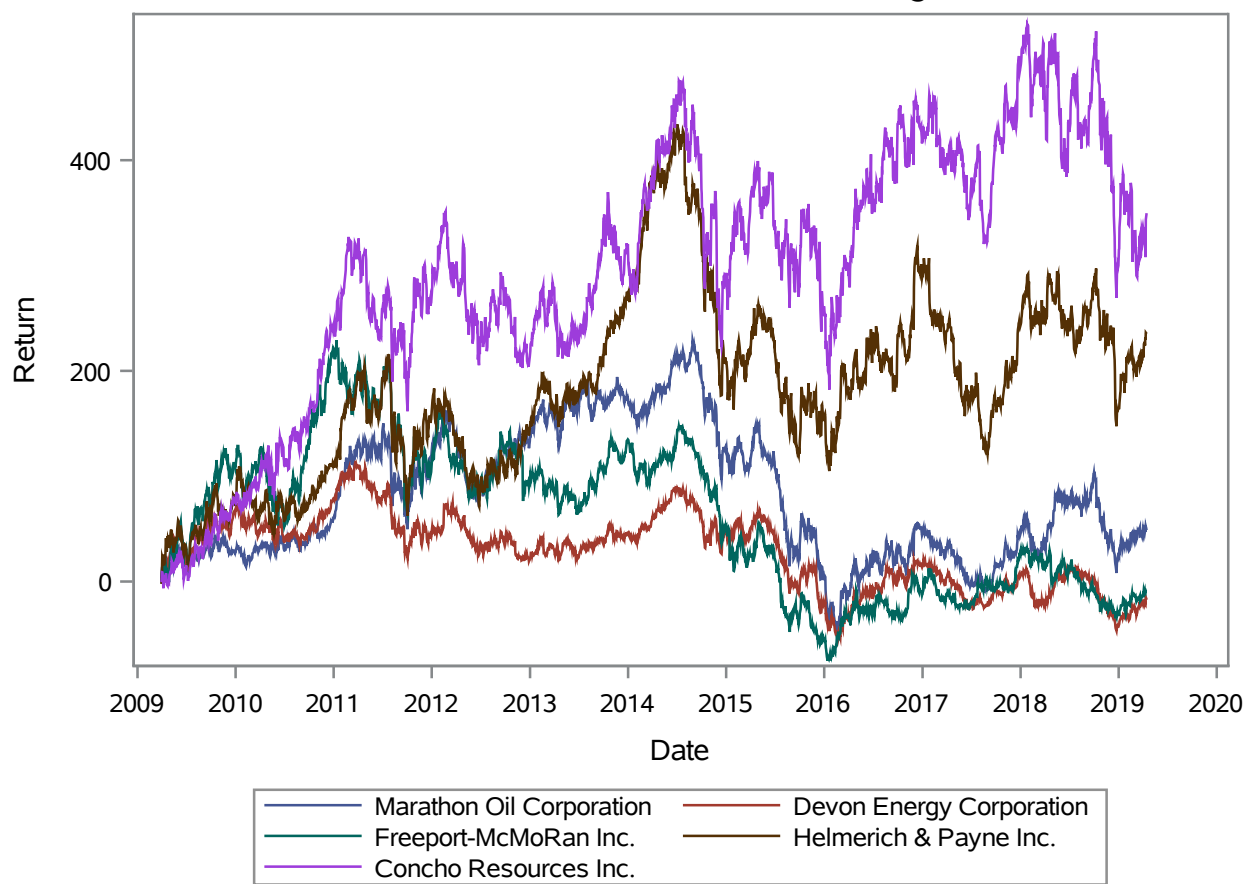
5 largest positive Coefficient Values in the 3rd Principal Component



5 smallest negative Coefficient Values in the 3rd Principal Component



The return from the start date for the stocks with 5 largest coefficients



The return from the start date for the stocks with 5 smallest negative coefficients

