

**Biblically Responsible Investing**  
**Passive Versus Active Funds**  
**December 31, 2024**  
**Appendix B<sup>1</sup>**

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<sup>1</sup>Please see the disclosures at the end of the current BRIQ Newsletter.

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## Appendix B: Introduction: 5 Year History

In the following pages, we review each BRI fund with at least five years of price data. We cover BRI funds by Cap and Style categories. One and three year analysis are also performed but not reported here.

In Part 1 of this appendix, we provide tabular data on each fund by category. Specifically, we report the mean, standard deviation, correlation with SPY (S&P 500 Index fund), beta with respect to SPY, Treynor's index with respect to SPY, and Jensen's alpha with respect to SPY. Mean, standard deviation, Treynor's index and Jensen's alpha are annualized and mean, standard deviation, and Jensen's alpha is reported in percent.

In Part 2 of this appendix, we provide a dump of numerous statistics. In this future, additional statistics will be computed and the data dump will be organized based on those who give the gift of feedback.

## Part 1. Tabular Data on BRI-Related Funds and Benchmark Funds by Category

Table B1. Panel LC\_V: Large Cap, Value, Selected Statistics

Name	Mean	Std Dev.	SPY Cor	Beta	Treynor	Jensen
CMT1M	2.57	0.15	0.01	0.00	0.00	0.00
SPY	17.01	20.93	1.00	1.00	0.14	0.00
SGISX	9.16	19.93	0.92	0.88	0.08	-6.10
GVEYX	9.65	20.46	0.91	0.89	0.08	-5.73
VIDI	6.53	20.82	0.82	0.82	0.05	-7.82
MVIIX	10.11	20.38	0.92	0.89	0.08	-5.36
EFA	6.77	19.85	0.87	0.82	0.05	-7.69
VVIAX	11.99	20.05	0.92	0.88	0.11	-3.23
VTMGX	6.36	19.17	0.87	0.80	0.05	-7.73

**Table B1. Panel LC\_B: Large Cap, Blend, Selected Statistics**

Name	Mean	Std Dev.	SPY Cor	Beta	Treynor	Jensen
CMT1M	2.57	0.15	0.01	0.00	0.00	0.00
SPY	17.01	20.93	1.00	1.00	0.14	0.00
WWJD	7.79	21.25	0.83	0.84	0.06	-6.90
TPIF	5.07	18.94	0.85	0.77	0.03	-8.61
SCJIX	9.78	16.62	0.95	0.76	0.10	-3.72
SNTCX	4.73	22.52	0.83	0.90	0.02	-10.77
GDMYX	5.62	12.72	0.94	0.57	0.05	-5.23
GEQYX	16.13	21.27	0.99	1.00	0.14	-0.94
GIIYX	5.81	19.37	0.84	0.78	0.04	-8.01
GIEYX	4.81	18.95	0.85	0.77	0.03	-8.84
GEMYX	4.50	21.13	0.70	0.71	0.03	-8.28
GMTYX	3.15	8.61	0.86	0.35	0.02	-4.54
GMWYX	4.11	10.69	0.89	0.46	0.03	-5.03
GMHYX	6.48	14.29	0.92	0.63	0.06	-5.15
GMYYX	8.71	16.78	0.93	0.75	0.08	-4.64
GMGYX	9.60	17.57	0.93	0.78	0.09	-4.30
GCAYX	2.40	6.05	0.83	0.24	-0.01	-3.64
GBAYX	3.80	10.03	0.88	0.42	0.03	-4.89
GGRYX	6.77	14.58	0.92	0.64	0.07	-5.07
GAGYX	9.65	18.81	0.93	0.83	0.09	-4.96
VUSE	16.84	24.12	0.90	1.04	0.14	-0.69
MPLIX	5.96	18.85	0.87	0.78	0.04	-7.92
MBAPX	5.81	12.66	0.95	0.58	0.06	-5.09
MCONX	2.19	7.55	0.81	0.29	-0.01	-4.62
MGAFX	8.36	16.50	0.97	0.76	0.08	-5.25
VEU	6.47	19.71	0.87	0.82	0.05	-7.93
EFA	6.77	19.85	0.87	0.82	0.05	-7.69
VBIAX	8.53	13.49	0.97	0.63	0.10	-3.09
VFIAX	16.95	21.27	1.00	1.02	0.14	-0.28
VTMGX	6.36	19.17	0.87	0.80	0.05	-7.73
VTWNX	3.47	10.61	0.88	0.45	0.02	-5.53
VTTVX	4.89	12.28	0.92	0.54	0.04	-5.50
VTTHX	7.69	14.80	0.96	0.68	0.08	-4.71
VTIVX	9.88	17.57	0.97	0.81	0.09	-4.45
VFFVX	10.25	17.84	0.97	0.83	0.09	-4.27
VSCGX	3.36	9.03	0.88	0.38	0.02	-4.68
ACWI	12.28	19.95	0.98	0.93	0.10	-3.77
VIGAX	22.11	25.36	0.95	1.15	0.17	2.89

**Table B1. Panel LC\_G: Large Cap, Growth, Selected Statistics**

Name	Mean	Std Dev.	SPY Cor	Beta	Treynor	Jensen
CMT1M	2.57	0.15	0.01	0.00	0.00	0.00
SPY	17.01	20.93	1.00	1.00	0.14	0.00
GGEYX	15.65	26.83	0.85	1.09	0.12	-2.69
MMDEX	19.85	23.80	0.97	1.10	0.16	1.43
AWEWX	8.20	21.39	0.94	0.96	0.06	-8.24
VIGAX	22.11	25.36	0.95	1.15	0.17	2.89
ACWI	12.28	19.95	0.98	0.93	0.10	-3.77

**Table B1. Panel MC\_V: Mid Cap, Value, Selected Statistics**

Name	Mean	Std Dev.	SPY Cor	Beta	Treynor	Jensen
CMT1M	2.57	0.15	0.01	0.00	0.00	0.00
SPY	17.01	20.93	1.00	1.00	0.14	0.00
TPHD	11.12	21.52	0.86	0.89	0.10	-4.26
VMVAX	11.48	22.96	0.89	0.98	0.09	-5.25

**Table B1. Panel MC\_B: Mid Cap, Blend, Selected Statistics**

Name	Mean	Std Dev.	SPY Cor	Beta	Treynor	Jensen
CMT1M	2.57	0.15	0.01	0.00	0.00	0.00
SPY	17.01	20.93	1.00	1.00	0.14	0.00
BIBL	12.68	23.76	0.95	1.08	0.09	-5.51
BLES	9.82	21.90	0.91	0.95	0.08	-6.52
TPLC	13.07	21.57	0.93	0.96	0.11	-3.33
ETIDX	14.96	20.97	0.93	0.93	0.13	-1.07
ETIMX	8.21	12.22	0.91	0.53	0.11	-2.02
GREYX	3.39	21.09	0.79	0.80	0.01	-10.66
PPTY	6.93	25.25	0.77	0.92	0.05	-8.98
AVEDX	11.60	21.11	0.93	0.94	0.10	-4.53
VIMAX	12.58	22.71	0.96	1.04	0.10	-4.96
VT	12.19	20.20	0.98	0.94	0.10	-4.00
VSMAX	12.85	25.68	0.90	1.11	0.09	-5.74
VBIAX	8.53	13.49	0.97	0.63	0.10	-3.09
VGSNX	6.26	25.66	0.80	0.98	0.04	-10.50
VFIAX	16.95	21.27	1.00	1.02	0.14	-0.28

**Table B1. Panel MC\_G: Mid Cap, Growth, Selected Statistics**

Name	Mean	Std Dev.	SPY Cor	Beta	Treynor	Jensen
CMT1M	2.57	0.15	0.01	0.00	0.00	0.00
SPY	17.01	20.93	1.00	1.00	0.14	0.00
ETILX	10.72	27.09	0.83	1.08	0.08	-7.45
AVEGX	11.49	22.86	0.95	1.03	0.09	-5.98
VOT	13.99	24.87	0.93	1.10	0.10	-4.53
VMGMX	13.96	24.89	0.93	1.11	0.10	-4.58

**Table B1. Panel SC\_V: Small Cap, Value, Selected Statistics**

NA

**Table B1. Panel SC\_B: Small Cap, Blend, Selected Statistics**

Name	Mean	Std Dev.	SPY Cor	Beta	Treynor	Jensen
CMT1M	2.57	0.15	0.01	0.00	0.00	0.00
SPY	17.01	20.93	1.00	1.00	0.14	0.00
ISMD	13.12	27.90	0.83	1.10	0.10	-5.33
TPSC	13.97	25.89	0.81	1.01	0.11	-3.14
SCECX	11.82	27.87	0.82	1.10	0.08	-6.59
GSCYX	11.98	28.07	0.81	1.09	0.09	-6.35
MMSIX	9.10	27.69	0.83	1.09	0.06	-9.26
VIOO	12.43	27.34	0.84	1.09	0.09	-5.94
VSMAX	12.85	25.68	0.90	1.11	0.09	-5.74
VB	12.87	25.42	0.90	1.10	0.09	-5.56

**Table B1. Panel SC\_G: Small Cap, Growth, Selected Statistics**

Name	Mean	Std Dev.	SPY Cor	Beta	Treynor	Jensen
CMT1M	2.57	0.15	0.01	0.00	0.00	0.00
SPY	17.01	20.93	1.00	1.00	0.14	0.00
ETIHX	2.82	30.20	0.63	0.91	0.00	-12.92
AVEMX	12.51	21.96	0.80	0.84	0.12	-2.17
XBI	5.39	35.35	0.64	1.09	0.03	-12.89
VBK	11.61	26.75	0.89	1.14	0.08	-7.44

## Part 2. Statistical Dump on BRI-Related Funds and Benchmark Funds by Category

### Key Definitions

#### *Univariate Key*

TRMax	Maximum total return, initialized at 1.0
TRMin	Minimum total return, initialized at 1.0
AMean	Annualized, geometrically compounded average rate of return (decimal), periods per year 260
StdDev	Annualized, discretely compounded rate of return standard deviation (decimal), Periods per year 260
Skewness	Discretely compounded rate of return normalized skewness, periods per year 260
Kurtosis	Discretely compounded rate of return normalized kurtosis, periods per year 260
GMean	Annualized, geometric compounded mean rate of return (decimal), periods per year 365.25
Count	Number of observations
SC1	Serial correlation, lag 1
SC2	Serial correlation, lag 2
SC3	Serial correlation, lag 3
SC4	Serial correlation, lag 4
SC5	Serial correlation, lag 5
Sharpe	Sharpe ratio, annualized, periods per year 260

#### *Multivariate Key*

Mean	Annualized Mean (%)
Std Dev.	Annualized Std Dev (%)
CMT1M Cor	Correlations
SPY Cor	Correlations
BRI or Benchmark Cor	Correlations
Beta	Beta wrt SPY
Treynor	Treynor index wrt SPY Annualized
Jensen	Jensen's alpha wrt SPY Annualized, in %

## Large Cap, Value

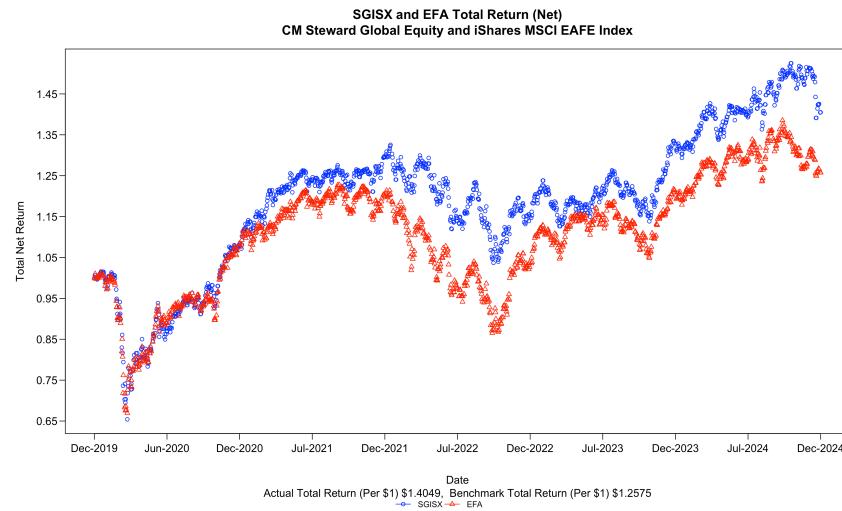
*Pair 1. Univariate Statistics (SGISX and EFA, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	SGISX	EFA
TRMax	1.136	2.030	1.525	1.385
TRMin	1.000	0.697	0.654	0.670
AMean	2.574	17.010	9.161	6.765
StdDev	0.151	20.927	19.926	19.851
Skewness	0.174	-0.549	-0.697	-0.862
Kurtosis	1.211	15.009	18.866	16.128
GMean	2.585	14.531	7.033	4.687
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.159	-0.127
SC2	0.998	0.110	0.149	0.137
SC3	0.997	-0.035	-0.060	-0.003
SC4	0.997	-0.050	-0.057	-0.008
SC5	0.996	0.052	0.073	0.084
Sharpe	0.000	0.690	0.331	0.211

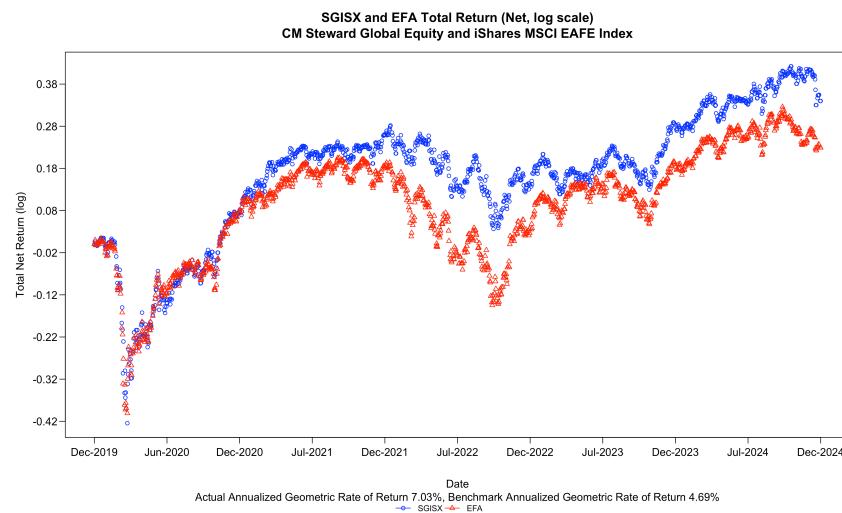
*Pair 1. Multivariate Statistics (SGISX and EFA, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	SGISX	EFA
Mean	2.574	17.010	9.161	6.765
Std Dev.	0.151	20.927	19.926	19.851
CMT1M Cor	1.000	0.008	-0.002	0.007
SPY Cor	0.008	1.000	0.923	0.867
SGISX Cor	-0.002	0.923	1.000	0.894
GVEYX Cor	-0.006	0.908	0.938	0.846
VIDI Cor	0.006	0.819	0.877	0.929
MVIIIX Cor	-0.002	0.917	0.931	0.844
EFA Cor	0.007	0.867	0.894	1.000
VVIAX Cor	-0.002	0.915	0.946	0.845
VTMGX Cor	0.005	0.871	0.902	0.988
Beta	0.000	1.000	0.879	0.823
Treynor	0.000	0.144	0.075	0.051
Jensen	-0.001	0.000	-6.100	-7.686

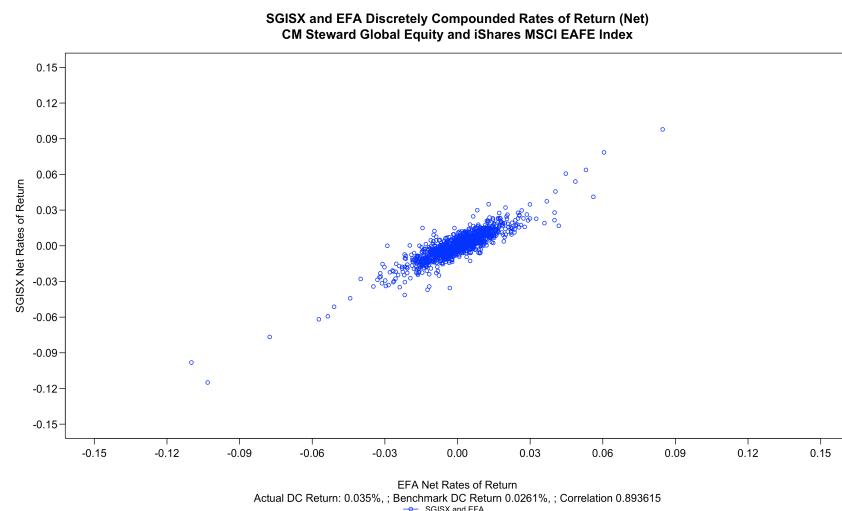
### **Pair 1a. Total Return (SGISX and EFA, 2019-12-31 – 2024-12-31)**



### **Pair 1b. Log Total Return (SGISX and EFA, 2019-12-31 – 2024-12-31)**



### **Pair 1c. Rate of Return (SGISX and EFA, 2019-12-31 – 2024-12-31)**



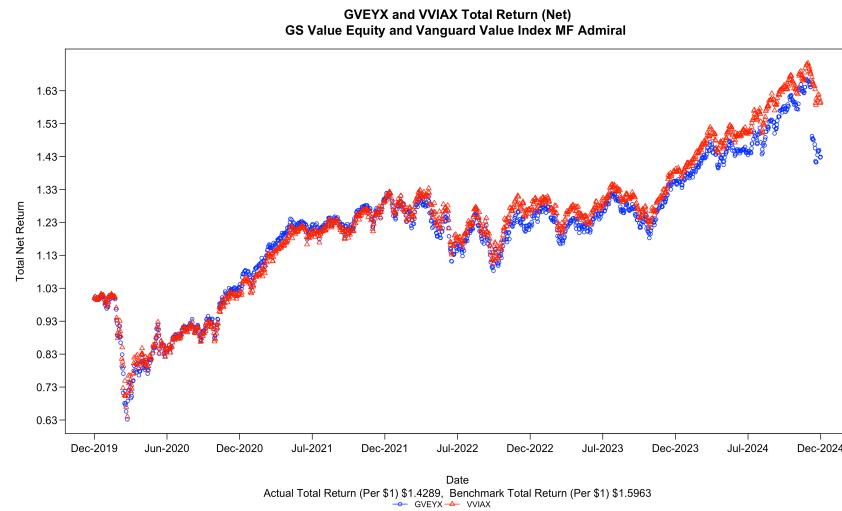
*Pair 2. Univariate Statistics (GVEYX and VVIAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	GVEYX	VVIAX
TRMax	1.136	2.030	1.666	1.714
TRMin	1.000	0.697	0.632	0.640
AMean	2.574	17.010	9.653	11.994
StdDev	0.151	20.927	20.456	20.045
Skewness	0.174	-0.549	-0.965	-0.501
Kurtosis	1.211	15.009	19.026	20.258
GMean	2.585	14.531	7.396	9.801
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.143	-0.165
SC2	0.998	0.110	0.144	0.151
SC3	0.997	-0.035	-0.037	-0.053
SC4	0.997	-0.050	-0.064	-0.075
SC5	0.996	0.052	0.084	0.076
Sharpe	0.000	0.690	0.346	0.470

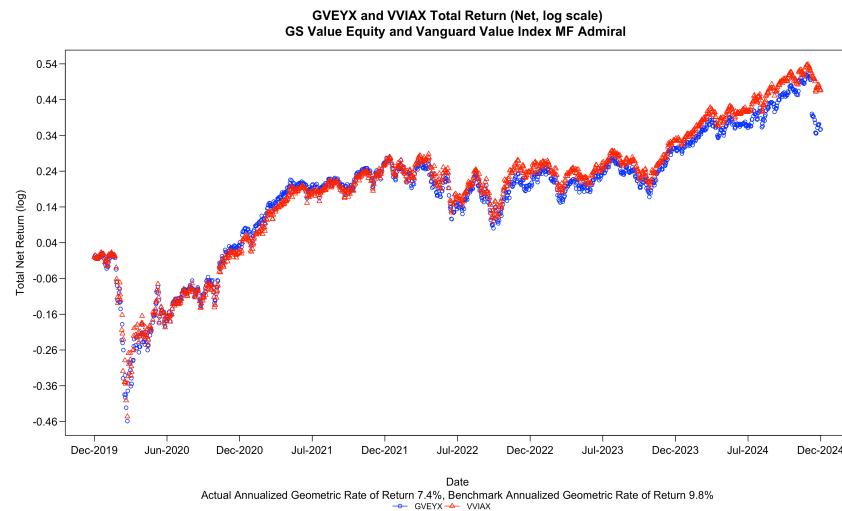
*Pair 2. Multivariate Statistics (GVEYX and VVIAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	GVEYX	VVIAX
Mean	2.574	17.010	9.653	11.994
Std Dev.	0.151	20.927	20.456	20.045
CMT1M Cor	1.000	0.008	-0.006	-0.002
SPY Cor	0.008	1.000	0.908	0.915
SGISX Cor	-0.002	0.923	0.938	0.946
GVEYX Cor	-0.006	0.908	1.000	0.961
VIDI Cor	0.006	0.819	0.819	0.826
MVIIIX Cor	-0.002	0.917	0.948	0.974
EFA Cor	0.007	0.867	0.846	0.845
VVIAX Cor	-0.002	0.915	0.961	1.000
VTMGX Cor	0.005	0.871	0.851	0.849
Beta	0.000	1.000	0.887	0.876
Treynor	0.000	0.144	0.080	0.107
Jensen	-0.001	0.000	-5.731	-3.230

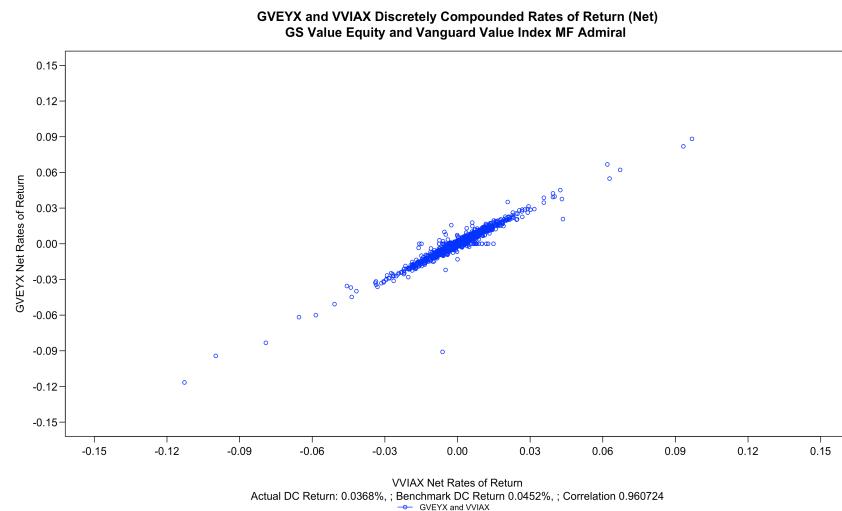
**Pair 2a. Total Return (GVEYX and VVIAX, 2019-12-31 – 2024-12-31)**



**Pair 2b. Log Total Return (GVEYX and VVIAX, 2019-12-31 – 2024-12-31)**



**Pair 2c. Rate of Return (GVEYX and VVIAX, 2019-12-31 – 2024-12-31)**



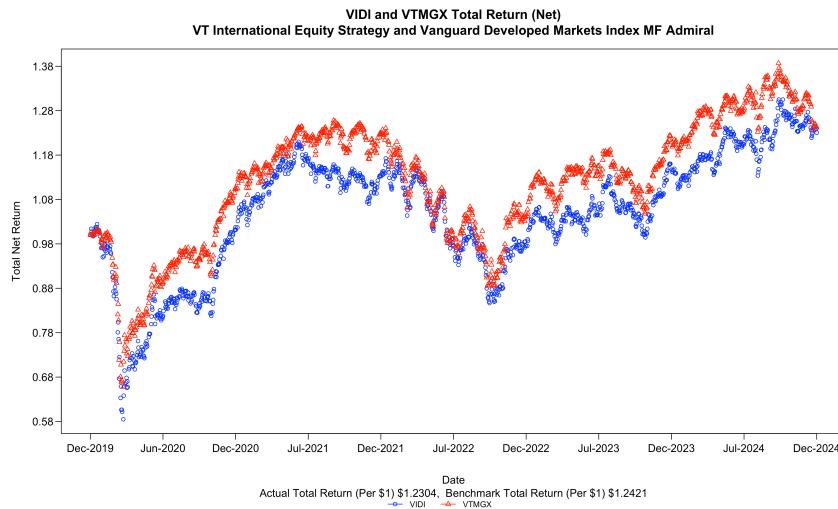
*Pair 3. Univariate Statistics (VIDI and VTMGX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	VIDI	VTMGX
TRMax	1.136	2.030	1.305	1.387
TRMin	1.000	0.697	0.585	0.658
AMean	2.574	17.010	6.525	6.362
StdDev	0.151	20.927	20.817	19.171
Skewness	0.174	-0.549	-1.331	-0.981
Kurtosis	1.211	15.009	20.927	18.031
GMean	2.585	14.531	4.232	4.429
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.144	-0.083
SC2	0.998	0.110	0.176	0.144
SC3	0.997	-0.035	-0.009	0.002
SC4	0.997	-0.050	0.004	-0.007
SC5	0.996	0.052	0.102	0.081
Sharpe	0.000	0.690	0.190	0.198

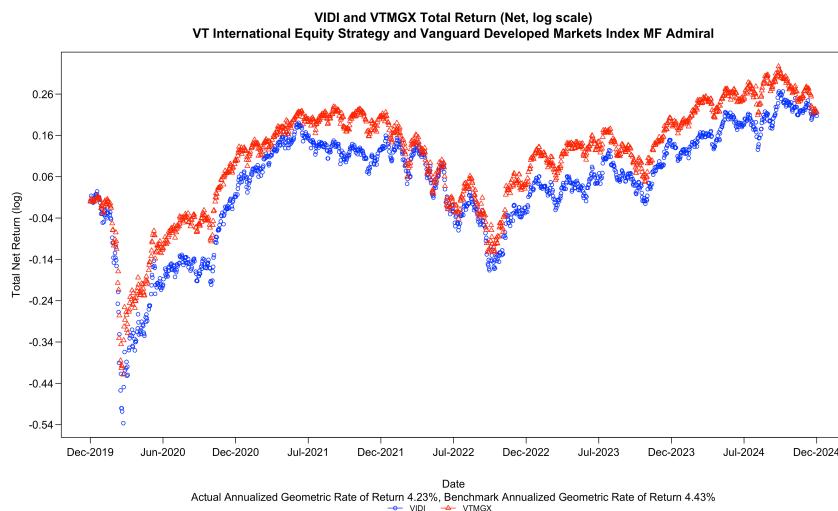
*Pair 3. Multivariate Statistics (VIDI and VTMGX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	VIDI	VTMGX
Mean	2.574	17.010	6.525	6.362
Std Dev.	0.151	20.927	20.817	19.171
CMT1M Cor	1.000	0.008	0.006	0.005
SPY Cor	0.008	1.000	0.819	0.871
SGISX Cor	-0.002	0.923	0.877	0.902
GVEYX Cor	-0.006	0.908	0.819	0.851
VIDI Cor	0.006	0.819	1.000	0.939
MVIIX Cor	-0.002	0.917	0.820	0.847
EFA Cor	0.007	0.867	0.929	0.988
VVIAIX Cor	-0.002	0.915	0.826	0.849
VTMGX Cor	0.005	0.871	0.939	1.000
Beta	0.000	1.000	0.815	0.798
Treynor	0.000	0.144	0.048	0.047
Jensen	-0.001	0.000	-7.815	-7.730

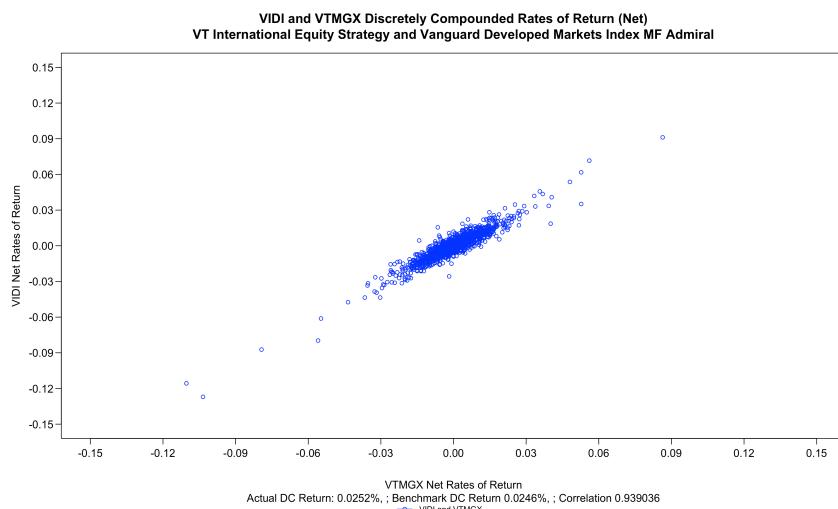
**Pair 3a. Total Return (VIDI and VTMGX, 2019-12-31 – 2024-12-31)**



**Pair 3b. Log Total Return (VIDI and VTMGX, 2019-12-31 – 2024-12-31)**



**Pair 3c. Rate of Return (VIDI and VTMGX, 2019-12-31 – 2024-12-31)**



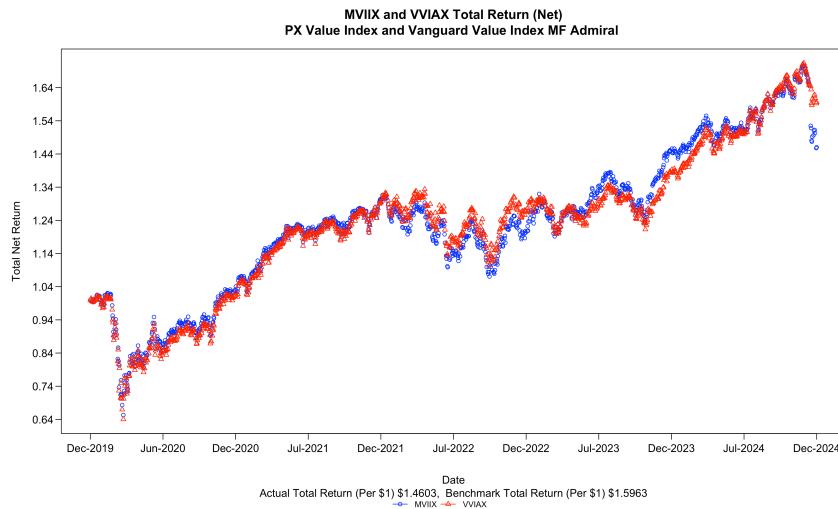
*Pair 4. Univariate Statistics (MVIIX and VVIAZ, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	MVIIX	VVIAZ
TRMax	1.136	2.030	1.706	1.714
TRMin	1.000	0.697	0.653	0.640
AMean	2.574	17.010	10.106	11.994
StdDev	0.151	20.927	20.384	20.045
Skewness	0.174	-0.549	-0.654	-0.501
Kurtosis	1.211	15.009	18.517	20.258
GMean	2.585	14.531	7.864	9.801
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.148	-0.165
SC2	0.998	0.110	0.148	0.151
SC3	0.997	-0.035	-0.045	-0.053
SC4	0.997	-0.050	-0.078	-0.075
SC5	0.996	0.052	0.064	0.076
Sharpe	0.000	0.690	0.369	0.470

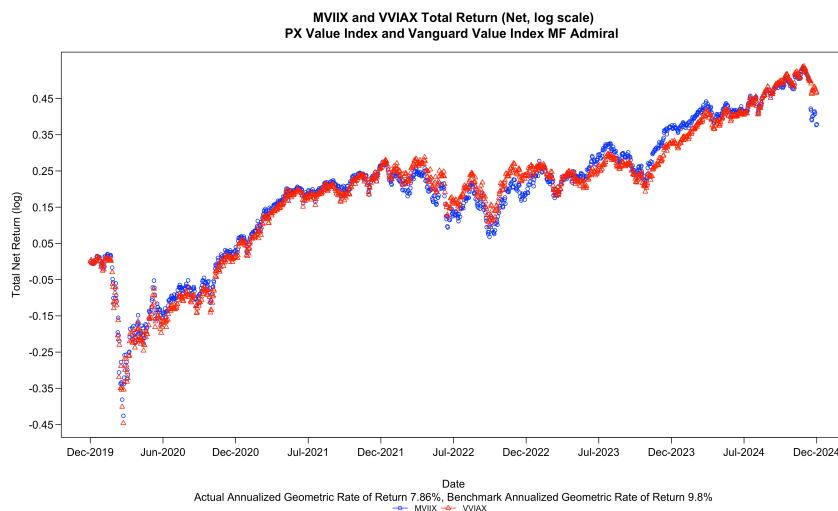
*Pair 4. Multivariate Statistics (MVIIX and VVIAZ, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	MVIIX	VVIAZ
Mean	2.574	17.010	10.106	11.994
Std Dev.	0.151	20.927	20.384	20.045
CMT1M Cor	1.000	0.008	-0.002	-0.002
SPY Cor	0.008	1.000	0.917	0.915
SGISX Cor	-0.002	0.923	0.931	0.946
GVEYX Cor	-0.006	0.908	0.948	0.961
VIDI Cor	0.006	0.819	0.820	0.826
MVIIX Cor	-0.002	0.917	1.000	0.974
EFA Cor	0.007	0.867	0.844	0.845
VVIAZ Cor	-0.002	0.915	0.974	1.000
VTMGX Cor	0.005	0.871	0.847	0.849
Beta	0.000	1.000	0.893	0.876
Treynor	0.000	0.144	0.084	0.107
Jensen	-0.001	0.000	-5.357	-3.230

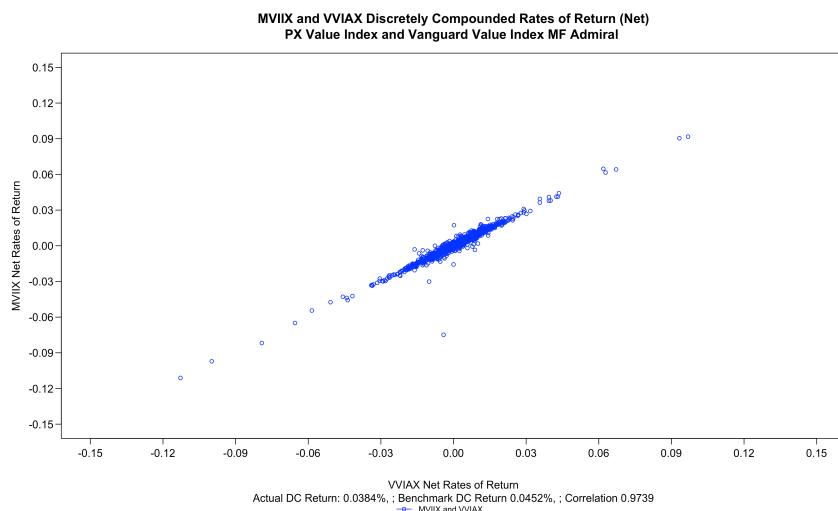
#### **Pair 4a. Total Return (MVIIIX and VVIAX, 2019-12-31 – 2024-12-31)**



#### **Pair 4b. Log Total Return (MVIIIX and VVIAX, 2019-12-31 – 2024-12-31)**



#### **Pair 4c. Rate of Return (MVIIIX and VVIAX, 2019-12-31 – 2024-12-31)**



## Large Cap, Blend

*Pair 1. Univariate Statistics (WWJD and VEU, 2019-12-31 – 2024-12-31)*

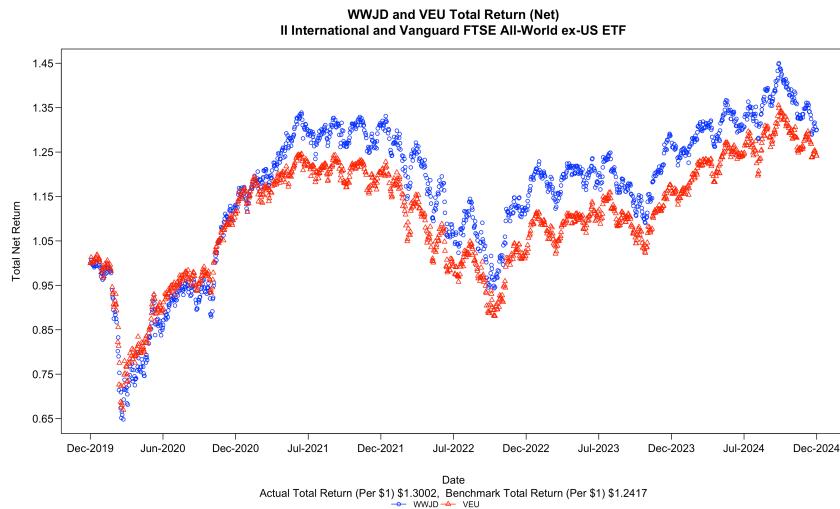
Name	CMT1M	SPY	WWJD	VEU
TRMax	1.136	2.030	1.450	1.355
TRMin	1.000	0.697	0.648	0.669
AMean	2.574	17.010	7.786	6.469
StdDev	0.151	20.927	21.253	19.705
Skewness	0.174	-0.549	-0.738	-1.038
Kurtosis	1.211	15.009	12.226	17.949
GMean	2.585	14.531	5.388	4.423
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.115	-0.160
SC2	0.998	0.110	0.144	0.142
SC3	0.997	-0.035	-0.019	-0.006
SC4	0.997	-0.050	-0.017	-0.014
SC5	0.996	0.052	0.069	0.093
Sharpe	0.000	0.690	0.245	0.198

*Pair 1. Multivariate Statistics (WWJD and VEU, 2019-12-31 – 2024-12-31)*

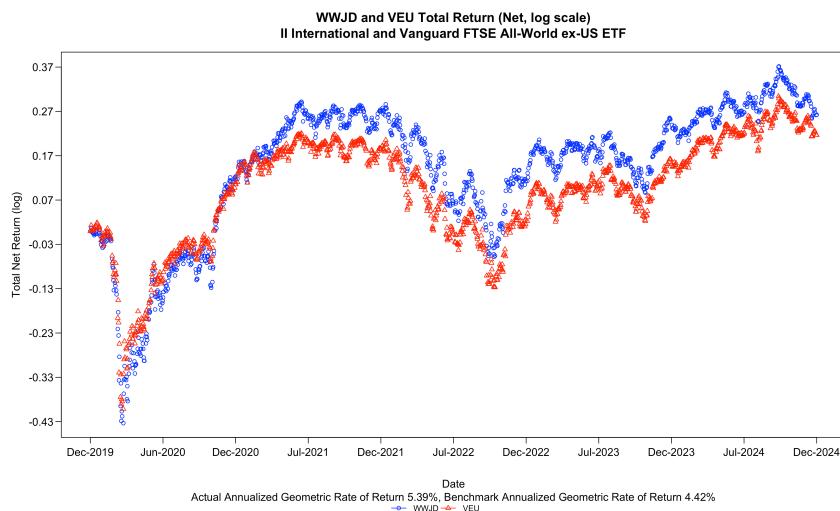
Name	CMT1M	SPY	WWJD	VEU
Mean	2.574	17.010	7.786	6.469
Std Dev.	0.151	20.927	21.253	19.705
CMT1M Cor	1.000	0.008	-0.003	0.006
SPY Cor	0.008	1.000	0.826	0.870
WWJD Cor	-0.003	0.826	1.000	0.949
TPIF Cor	0.008	0.851	0.943	0.968
SCJIX Cor	0.004	0.953	0.794	0.846
SNTCX Cor	-0.001	0.833	0.878	0.919
GDMYX Cor	0.001	0.942	0.808	0.847
GEQYX Cor	0.007	0.988	0.817	0.861
GIIYX Cor	0.008	0.842	0.932	0.960
GIEYX Cor	0.007	0.847	0.919	0.948
GEMYX Cor	0.007	0.700	0.748	0.828
GMTYX Cor	0.013	0.862	0.803	0.830
GMWYX Cor	0.009	0.890	0.826	0.856
GMHYX Cor	0.007	0.919	0.849	0.883
GMYYX Cor	0.007	0.930	0.858	0.894
GMGYX Cor	0.008	0.934	0.860	0.897
GCAYX Cor	0.022	0.832	0.783	0.809
GBAYX Cor	0.016	0.884	0.835	0.865
GGRYX Cor	0.013	0.921	0.864	0.899
GAGYX Cor	0.010	0.928	0.865	0.904
VUSE Cor	-0.003	0.899	0.839	0.840
MPLIX Cor	0.006	0.869	0.937	0.984
MBAPX Cor	0.008	0.954	0.887	0.915
MCONX Cor	0.019	0.812	0.765	0.790
MGAFX Cor	0.005	0.969	0.898	0.927
VEU Cor	0.006	0.870	0.949	1.000
EFA Cor	0.007	0.867	0.952	0.982
VBIAX Cor	0.012	0.973	0.825	0.865
VFIAX Cor	0.008	0.999	0.825	0.869

Name	CMT1M	SPY	WWJD	VEU
VTMGX Cor	0.005	0.871	0.950	0.981
VTWNX Cor	0.005	0.879	0.818	0.857
VTTVX Cor	0.007	0.924	0.856	0.898
VTTHX Cor	0.008	0.963	0.890	0.934
VTIVX Cor	0.007	0.970	0.894	0.938
VFFVX Cor	0.008	0.971	0.894	0.938
VSCGX Cor	0.016	0.877	0.821	0.859
ACWI Cor	0.009	0.979	0.900	0.947
VIGAX Cor	0.015	0.951	0.737	0.801
Beta	0.000	1.000	0.839	0.819
Treynor	0.000	0.144	0.062	0.048
Jensen	-0.001	0.000	-6.898	-7.930

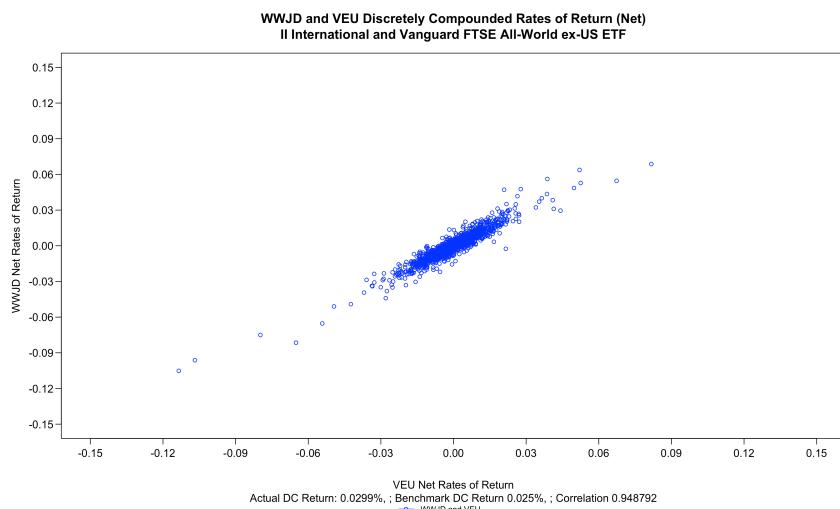
**Pair 1a. Total Return (WWJD and VEU, 2019-12-31 – 2024-12-31)**



**Pair 1b. Log Total Return (WWJD and VEU, 2019-12-31 – 2024-12-31)**



**Pair 1c. Rate of Return (WWJD and VEU, 2019-12-31 – 2024-12-31)**



*Pair 2. Univariate Statistics (TPIF and EFA, 2019-12-31 – 2024-12-31)*

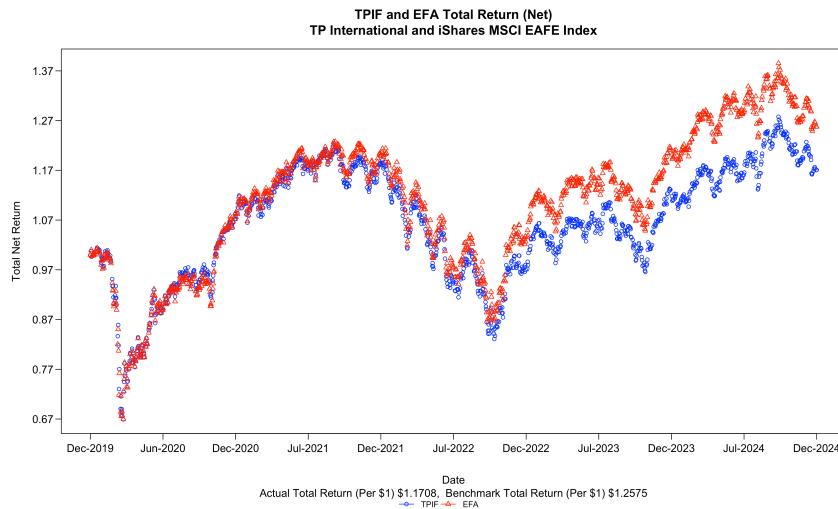
Name	CMT1M	SPY	TPIF	EFA
TRMax	1.136	2.030	1.278	1.385
TRMin	1.000	0.697	0.669	0.670
AMean	2.574	17.010	5.071	6.765
StdDev	0.151	20.927	18.936	19.851
Skewness	0.174	-0.549	-1.006	-0.862
Kurtosis	1.211	15.009	16.911	16.128
GMean	2.585	14.531	3.203	4.687
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.106	-0.127
SC2	0.998	0.110	0.141	0.137
SC3	0.997	-0.035	0.001	-0.003
SC4	0.997	-0.050	-0.003	-0.008
SC5	0.996	0.052	0.082	0.084
Sharpe	0.000	0.690	0.132	0.211

*Pair 2. Multivariate Statistics (TPIF and EFA, 2019-12-31 – 2024-12-31)*

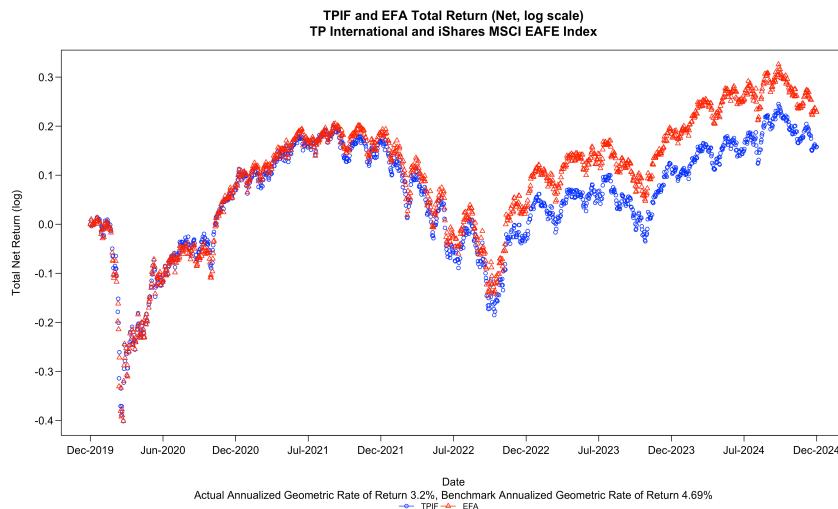
Name	CMT1M	SPY	TPIF	EFA
Mean	2.574	17.010	5.071	6.765
Std Dev.	0.151	20.927	18.936	19.851
CMT1M Cor	1.000	0.008	0.008	0.007
SPY Cor	0.008	1.000	0.851	0.867
WWJD Cor	-0.003	0.826	0.943	0.952
TPIF Cor	0.008	0.851	1.000	0.979
SCJIX Cor	0.004	0.953	0.824	0.838
SNTCX Cor	-0.001	0.833	0.886	0.897
GDMYX Cor	0.001	0.942	0.833	0.846
GEQYX Cor	0.007	0.988	0.842	0.858
GIIYX Cor	0.008	0.842	0.958	0.971
GIEYX Cor	0.007	0.847	0.940	0.955
GEMYX Cor	0.007	0.700	0.754	0.756
GMTYX Cor	0.013	0.862	0.830	0.831
GMWYX Cor	0.009	0.890	0.852	0.856
GMHYX Cor	0.007	0.919	0.875	0.881
GMYYX Cor	0.007	0.930	0.883	0.892
GMGYX Cor	0.008	0.934	0.885	0.894
GCAYX Cor	0.022	0.832	0.806	0.805
GBAYX Cor	0.016	0.884	0.858	0.860
GGRYX Cor	0.013	0.921	0.886	0.893
GAGYX Cor	0.010	0.928	0.886	0.896
VUSE Cor	-0.003	0.899	0.828	0.843
MPLIX Cor	0.006	0.869	0.956	0.965
MBAPX Cor	0.008	0.954	0.901	0.911
MCONX Cor	0.019	0.812	0.786	0.789
MGAFX Cor	0.005	0.969	0.910	0.923
VEU Cor	0.006	0.870	0.968	0.982
EFA Cor	0.007	0.867	0.979	1.000
VBIAX Cor	0.012	0.973	0.849	0.861
VFIAX Cor	0.008	0.999	0.850	0.866
VTMGX Cor	0.005	0.871	0.978	0.988

Name	CMT1M	SPY	TPIF	EFA
VTWNX Cor	0.005	0.879	0.838	0.848
VTTVX Cor	0.007	0.924	0.877	0.889
VTTHX Cor	0.008	0.963	0.913	0.924
VTIVX Cor	0.007	0.970	0.916	0.928
VFFVX Cor	0.008	0.971	0.916	0.929
VSCGX Cor	0.016	0.877	0.844	0.852
ACWI Cor	0.009	0.979	0.922	0.937
VIGAX Cor	0.015	0.951	0.775	0.788
Beta	0.000	1.000	0.770	0.823
Treynor	0.000	0.144	0.032	0.051
Jensen	-0.001	0.000	-8.614	-7.686

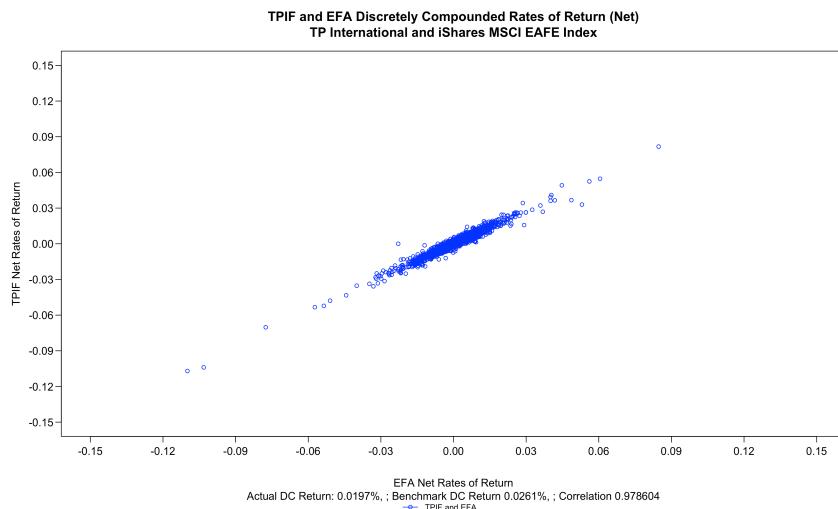
### **Pair 2a. Total Return (TPIF and EFA, 2019-12-31 – 2024-12-31)**



### **Pair 2b. Log Total Return (TPIF and EFA, 2019-12-31 – 2024-12-31)**



### **Pair 2c. Rate of Return (TPIF and EFA, 2019-12-31 – 2024-12-31)**



*Pair 3. Univariate Statistics (SCJIX and VBIAX, 2019-12-31 – 2024-12-31)*

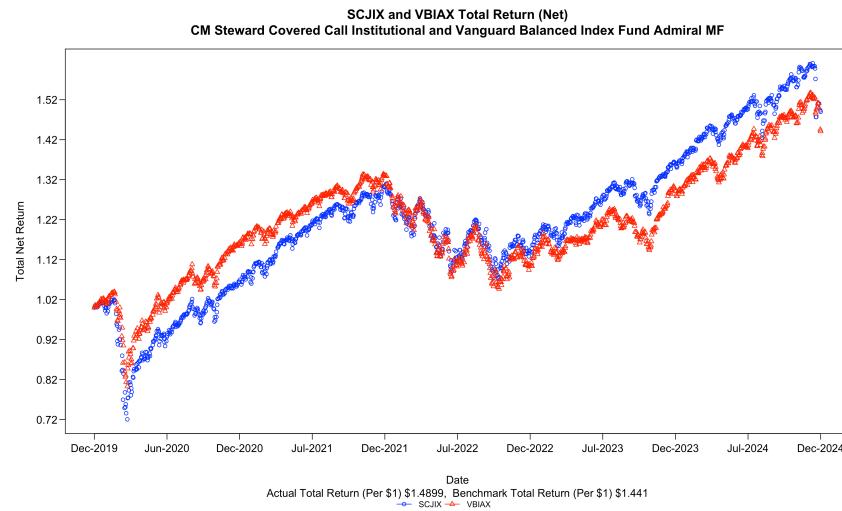
Name	CMT1M	SPY	SCJIX	VBIAX
TRMax	1.136	2.030	1.611	1.537
TRMin	1.000	0.697	0.721	0.803
AMean	2.574	17.010	9.777	8.530
StdDev	0.151	20.927	16.616	13.488
Skewness	0.174	-0.549	-1.027	-0.713
Kurtosis	1.211	15.009	24.591	14.600
GMean	2.585	14.531	8.298	7.578
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.237	-0.112
SC2	0.998	0.110	0.163	0.126
SC3	0.997	-0.035	-0.046	-0.017
SC4	0.997	-0.050	-0.037	-0.037
SC5	0.996	0.052	0.089	0.044
Sharpe	0.000	0.690	0.433	0.442

*Pair 3. Multivariate Statistics (SCJIX and VBIAX, 2019-12-31 – 2024-12-31)*

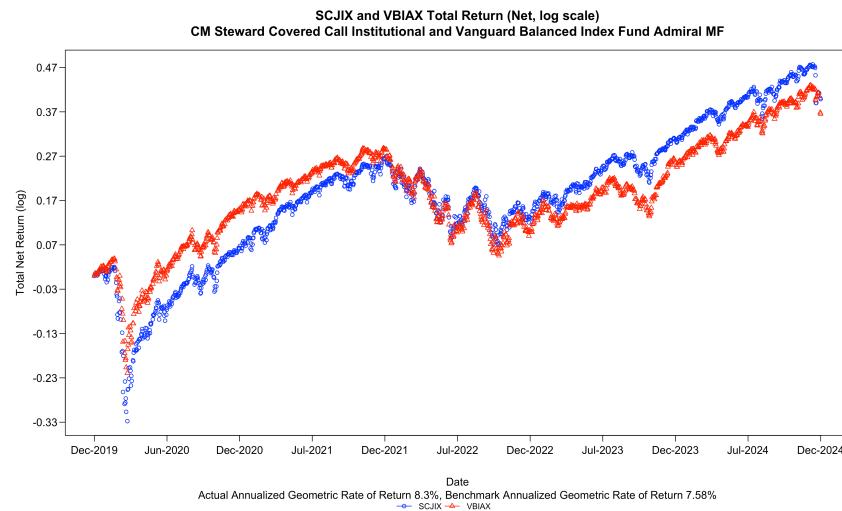
Name	CMT1M	SPY	SCJIX	VBIAX
Mean	2.574	17.010	9.777	8.530
Std Dev.	0.151	20.927	16.616	13.488
CMT1M Cor	1.000	0.008	0.004	0.012
SPY Cor	0.008	1.000	0.953	0.973
WWJD Cor	-0.003	0.826	0.794	0.825
TPIF Cor	0.008	0.851	0.824	0.849
SCJIX Cor	0.004	0.953	1.000	0.926
SNTCX Cor	-0.001	0.833	0.865	0.825
GDMYX Cor	0.001	0.942	0.920	0.932
GEQYX Cor	0.007	0.988	0.952	0.965
GIIYX Cor	0.008	0.842	0.821	0.839
GIEYX Cor	0.007	0.847	0.824	0.842
GEMYX Cor	0.007	0.700	0.686	0.692
GMTYX Cor	0.013	0.862	0.817	0.904
GMWYX Cor	0.009	0.890	0.847	0.917
GMHYX Cor	0.007	0.919	0.878	0.930
GMYYX Cor	0.007	0.930	0.888	0.931
GMGYX Cor	0.008	0.934	0.893	0.932
GCAYX Cor	0.022	0.832	0.782	0.875
GBAYX Cor	0.016	0.884	0.839	0.920
GGRYX Cor	0.013	0.921	0.877	0.929
GAGYX Cor	0.010	0.928	0.886	0.922
VUSE Cor	-0.003	0.899	0.856	0.889
MPLIX Cor	0.006	0.869	0.842	0.873
MBAPX Cor	0.008	0.954	0.908	0.977
MCONX Cor	0.019	0.812	0.767	0.893
MGAFX Cor	0.005	0.969	0.926	0.974
VEU Cor	0.006	0.870	0.846	0.865
EFA Cor	0.007	0.867	0.838	0.861
VBIAX Cor	0.012	0.973	0.926	1.000
VFIAX Cor	0.008	0.999	0.956	0.972
VTMGX Cor	0.005	0.871	0.843	0.868

Name	CMT1M	SPY	SCJIX	VBIAX
VTWNX Cor	0.005	0.879	0.846	0.943
VTTVX Cor	0.007	0.924	0.888	0.968
VTTHX Cor	0.008	0.963	0.924	0.978
VTIVX Cor	0.007	0.970	0.932	0.972
VFFVX Cor	0.008	0.971	0.931	0.972
VSCGX Cor	0.016	0.877	0.837	0.951
ACWI Cor	0.009	0.979	0.938	0.962
VIGAX Cor	0.015	0.951	0.901	0.935
Beta	0.000	1.000	0.757	0.627
Treynor	0.000	0.144	0.095	0.095
Jensen	-0.001	0.000	-3.722	-3.093

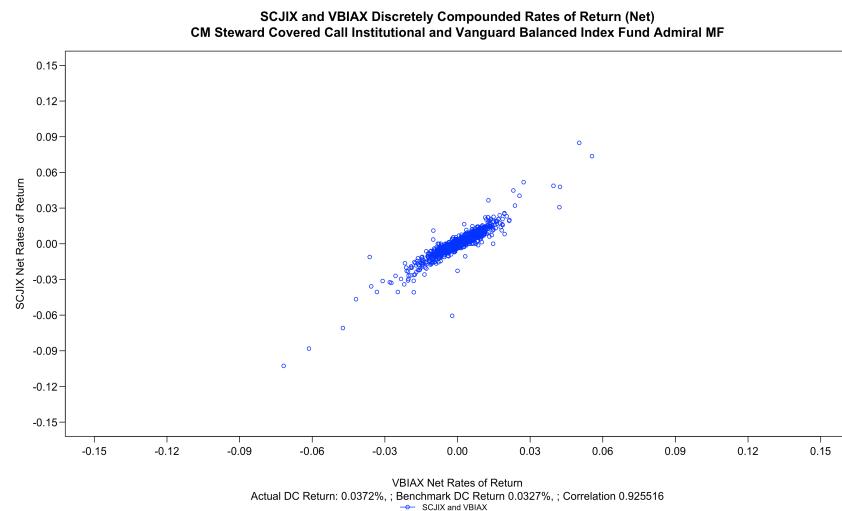
**Pair 3a. Total Return (SCJIX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 3b. Log Total Return (SCJIX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 3c. Rate of Return (SCJIX and VBIAX, 2019-12-31 – 2024-12-31)**



*Pair 4. Univariate Statistics (SNTCX and EFA, 2019-12-31 – 2024-12-31)*

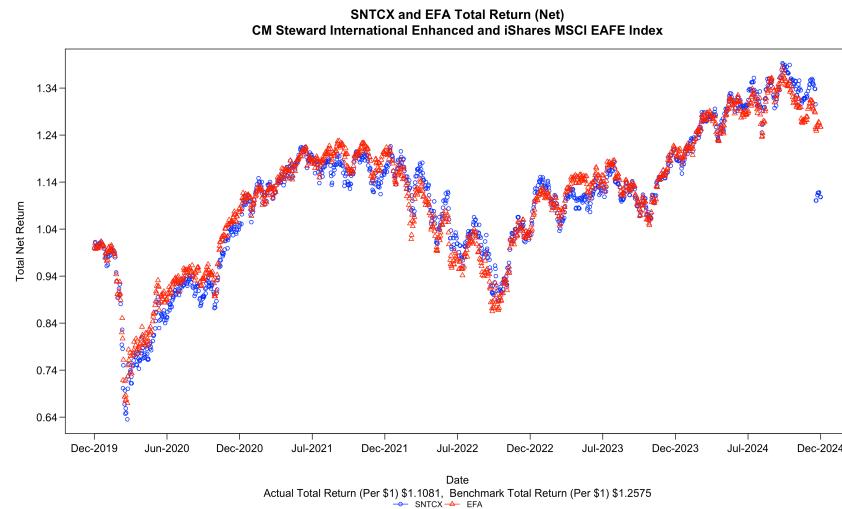
Name	CMT1M	SPY	SNTCX	EFA
TRMax	1.136	2.030	1.393	1.385
TRMin	1.000	0.697	0.635	0.670
AMean	2.574	17.010	4.734	6.765
StdDev	0.151	20.927	22.516	19.851
Skewness	0.174	-0.549	-1.800	-0.862
Kurtosis	1.211	15.009	25.526	16.128
GMean	2.585	14.531	2.074	4.687
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.105	-0.127
SC2	0.998	0.110	0.105	0.137
SC3	0.997	-0.035	-0.011	-0.003
SC4	0.997	-0.050	-0.007	-0.008
SC5	0.996	0.052	0.072	0.084
Sharpe	0.000	0.690	0.096	0.211

*Pair 4. Multivariate Statistics (SNTCX and EFA, 2019-12-31 – 2024-12-31)*

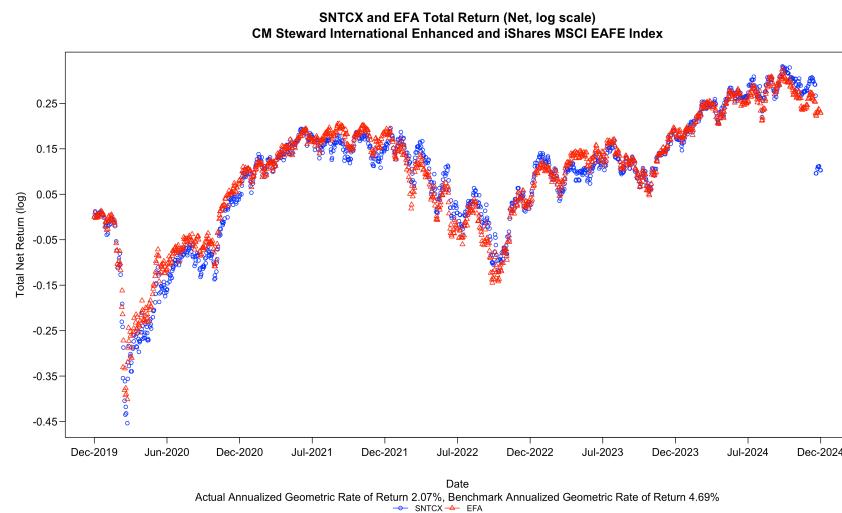
Name	CMT1M	SPY	SNTCX	EFA
Mean	2.574	17.010	4.734	6.765
Std Dev.	0.151	20.927	22.516	19.851
CMT1M Cor	1.000	0.008	-0.001	0.007
SPY Cor	0.008	1.000	0.833	0.867
WWJD Cor	-0.003	0.826	0.878	0.952
TPIF Cor	0.008	0.851	0.886	0.979
SCJIX Cor	0.004	0.953	0.865	0.838
SNTCX Cor	-0.001	0.833	1.000	0.897
GDMYX Cor	0.001	0.942	0.810	0.846
GEQYX Cor	0.007	0.988	0.828	0.858
GIIYX Cor	0.008	0.842	0.885	0.971
GIEYX Cor	0.007	0.847	0.882	0.955
GEMYX Cor	0.007	0.700	0.784	0.756
GMTYX Cor	0.013	0.862	0.780	0.831
GMWYX Cor	0.009	0.890	0.806	0.856
GMHYX Cor	0.007	0.919	0.834	0.881
GMYYX Cor	0.007	0.930	0.846	0.892
GMGYX Cor	0.008	0.934	0.850	0.894
GCAYX Cor	0.022	0.832	0.756	0.805
GBAYX Cor	0.016	0.884	0.815	0.860
GGRYX Cor	0.013	0.921	0.850	0.893
GAGYX Cor	0.010	0.928	0.858	0.896
VUSE Cor	-0.003	0.899	0.817	0.843
MPLIX Cor	0.006	0.869	0.918	0.965
MBAPX Cor	0.008	0.954	0.867	0.911
MCONX Cor	0.019	0.812	0.737	0.789
MGAFX Cor	0.005	0.969	0.881	0.923
VEU Cor	0.006	0.870	0.919	0.982
EFA Cor	0.007	0.867	0.897	1.000
VBIAX Cor	0.012	0.973	0.825	0.861
VFIAX Cor	0.008	0.999	0.832	0.866
VTMGX Cor	0.005	0.871	0.907	0.988

Name	CMT1M	SPY	SNTCX	EFA
VTWNX Cor	0.005	0.879	0.806	0.848
VTTVX Cor	0.007	0.924	0.846	0.889
VTTHX Cor	0.008	0.963	0.882	0.924
VTIVX Cor	0.007	0.970	0.888	0.928
VFFVX Cor	0.008	0.971	0.888	0.929
VSCGX Cor	0.016	0.877	0.805	0.852
ACWI Cor	0.009	0.979	0.892	0.937
VIGAX Cor	0.015	0.951	0.763	0.788
Beta	0.000	1.000	0.896	0.823
Treynor	0.000	0.144	0.024	0.051
Jensen	-0.001	0.000	-10.772	-7.686

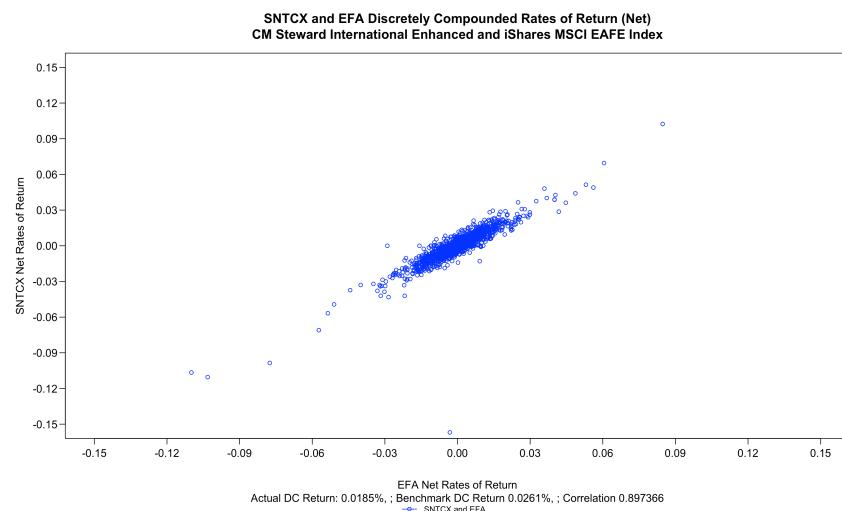
#### **Pair 4a. Total Return (SNTCX and EFA, 2019-12-31 – 2024-12-31)**



#### **Pair 4b. Log Total Return (SNTCX and EFA, 2019-12-31 – 2024-12-31)**



#### **Pair 4c. Rate of Return (SNTCX and EFA, 2019-12-31 – 2024-12-31)**



*Pair 5. Univariate Statistics (GDMYX and VBIAX, 2019-12-31 – 2024-12-31)*

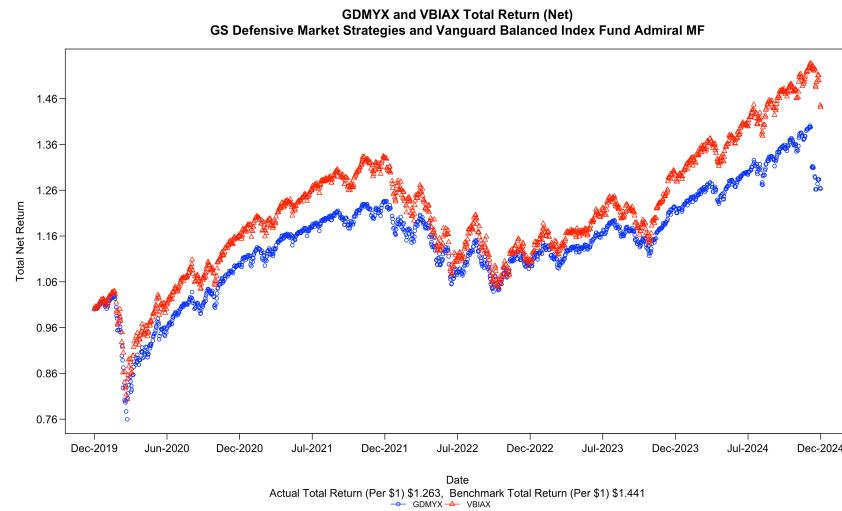
Name	CMT1M	SPY	GDMYX	VBIAX
TRMax	1.136	2.030	1.401	1.537
TRMin	1.000	0.697	0.760	0.803
AMean	2.574	17.010	5.616	8.530
StdDev	0.151	20.927	12.722	13.488
Skewness	0.174	-0.549	-1.517	-0.713
Kurtosis	1.211	15.009	26.637	14.600
GMean	2.585	14.531	4.779	7.578
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.166	-0.112
SC2	0.998	0.110	0.184	0.126
SC3	0.997	-0.035	-0.025	-0.017
SC4	0.997	-0.050	-0.046	-0.037
SC5	0.996	0.052	0.093	0.044
Sharpe	0.000	0.690	0.239	0.442

*Pair 5. Multivariate Statistics (GDMYX and VBIAX, 2019-12-31 – 2024-12-31)*

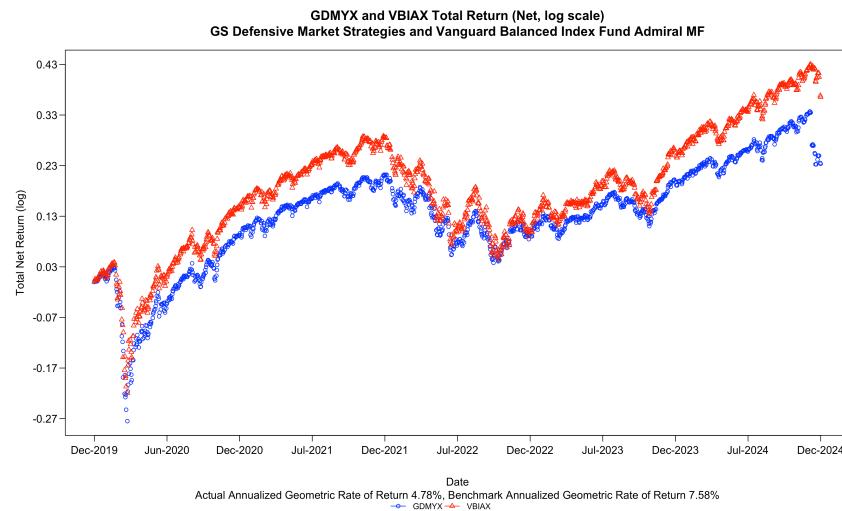
Name	CMT1M	SPY	GDMYX	VBIAX
Mean	2.574	17.010	5.616	8.530
Std Dev.	0.151	20.927	12.722	13.488
CMT1M Cor	1.000	0.008	0.001	0.012
SPY Cor	0.008	1.000	0.942	0.973
WWJD Cor	-0.003	0.826	0.808	0.825
TPIF Cor	0.008	0.851	0.833	0.849
SCJIX Cor	0.004	0.953	0.920	0.926
SNTCX Cor	-0.001	0.833	0.810	0.825
GDMYX Cor	0.001	0.942	1.000	0.932
GEQYX Cor	0.007	0.988	0.960	0.965
GIIYX Cor	0.008	0.842	0.840	0.839
GIEYX Cor	0.007	0.847	0.872	0.842
GEMYX Cor	0.007	0.700	0.674	0.692
GMTYX Cor	0.013	0.862	0.877	0.904
GMWYX Cor	0.009	0.890	0.909	0.917
GMHYX Cor	0.007	0.919	0.925	0.930
GMYYX Cor	0.007	0.930	0.924	0.931
GMGYX Cor	0.008	0.934	0.921	0.932
GCAYX Cor	0.022	0.832	0.827	0.875
GBAYX Cor	0.016	0.884	0.877	0.920
GGRYX Cor	0.013	0.921	0.903	0.929
GAGYX Cor	0.010	0.928	0.908	0.922
VUSE Cor	-0.003	0.899	0.882	0.889
MPLIX Cor	0.006	0.869	0.845	0.873
MBAPX Cor	0.008	0.954	0.927	0.977
MCONX Cor	0.019	0.812	0.802	0.893
MGAFX Cor	0.005	0.969	0.938	0.974
VEU Cor	0.006	0.870	0.847	0.865
EFA Cor	0.007	0.867	0.846	0.861
VBIAX Cor	0.012	0.973	0.932	1.000
VFIAX Cor	0.008	0.999	0.944	0.972
VTMGX Cor	0.005	0.871	0.853	0.868

Name	CMT1M	SPY	GDMYX	VBIAX
VTWNX Cor	0.005	0.879	0.867	0.943
VTTVX Cor	0.007	0.924	0.902	0.968
VTTHX Cor	0.008	0.963	0.931	0.978
VTIVX Cor	0.007	0.970	0.935	0.972
VFFVX Cor	0.008	0.971	0.933	0.972
VSCGX Cor	0.016	0.877	0.859	0.951
ACWI Cor	0.009	0.979	0.934	0.962
VIGAX Cor	0.015	0.951	0.871	0.935
Beta	0.000	1.000	0.573	0.627
Treynor	0.000	0.144	0.053	0.095
Jensen	-0.001	0.000	-5.226	-3.093

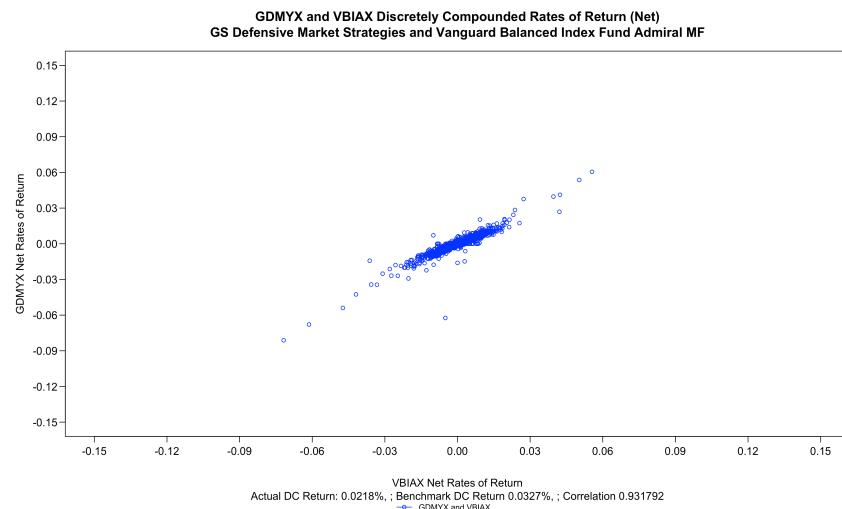
**Pair 5a. Total Return (GDMYX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 5b. Log Total Return (GDMYX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 5c. Rate of Return (GDMYX and VBIAX, 2019-12-31 – 2024-12-31)**



*Pair 6. Univariate Statistics (GEQYX and VFIAZ, 2019-12-31 – 2024-12-31)*

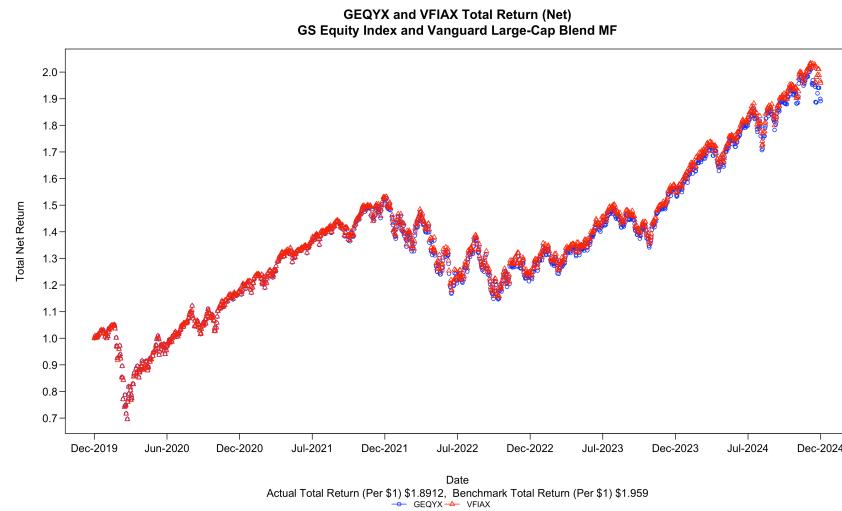
Name	CMT1M	SPY	GEQYX	VFIAZ
TRMax	1.136	2.030	2.013	2.033
TRMin	1.000	0.697	0.697	0.695
AMean	2.574	17.010	16.132	16.951
StdDev	0.151	20.927	21.267	21.271
Skewness	0.174	-0.549	-0.498	-0.516
Kurtosis	1.211	15.009	16.319	16.692
GMean	2.585	14.531	13.586	14.389
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.177	-0.183
SC2	0.998	0.110	0.124	0.127
SC3	0.997	-0.035	-0.044	-0.042
SC4	0.997	-0.050	-0.053	-0.052
SC5	0.996	0.052	0.061	0.059
Sharpe	0.000	0.690	0.638	0.676

*Pair 6. Multivariate Statistics (GEQYX and VFIAZ, 2019-12-31 – 2024-12-31)*

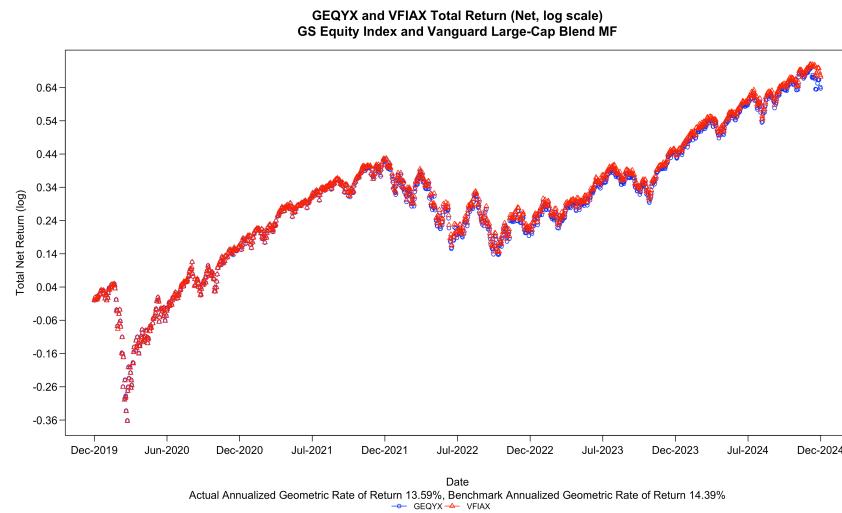
Name	CMT1M	SPY	GEQYX	VFIAZ
Mean	2.574	17.010	16.132	16.951
Std Dev.	0.151	20.927	21.267	21.271
CMT1M Cor	1.000	0.008	0.007	0.008
SPY Cor	0.008	1.000	0.988	0.999
WWJD Cor	-0.003	0.826	0.817	0.825
TPIF Cor	0.008	0.851	0.842	0.850
SCJIX Cor	0.004	0.953	0.952	0.956
SNTCX Cor	-0.001	0.833	0.828	0.832
GDMYX Cor	0.001	0.942	0.960	0.944
GEQYX Cor	0.007	0.988	1.000	0.989
GIIYX Cor	0.008	0.842	0.844	0.841
GIEYX Cor	0.007	0.847	0.858	0.846
GEMYX Cor	0.007	0.700	0.699	0.699
GMTYX Cor	0.013	0.862	0.869	0.864
GMWYX Cor	0.009	0.890	0.900	0.893
GMHYX Cor	0.007	0.919	0.929	0.922
GMYYX Cor	0.007	0.930	0.941	0.933
GMGYX Cor	0.008	0.934	0.944	0.937
GCAYX Cor	0.022	0.832	0.831	0.834
GBAYX Cor	0.016	0.884	0.887	0.885
GGRYX Cor	0.013	0.921	0.926	0.923
GAGYX Cor	0.010	0.928	0.935	0.930
VUSE Cor	-0.003	0.899	0.891	0.900
MPLIX Cor	0.006	0.869	0.863	0.868
MBAPX Cor	0.008	0.954	0.946	0.953
MCONX Cor	0.019	0.812	0.806	0.810
MGAFX Cor	0.005	0.969	0.962	0.969
VEU Cor	0.006	0.870	0.861	0.869
EFA Cor	0.007	0.867	0.858	0.866
VBIAX Cor	0.012	0.973	0.965	0.972
VFIAZ Cor	0.008	0.999	0.989	1.000
VTMGX Cor	0.005	0.871	0.863	0.870

Name	CMT1M	SPY	GEQYX	VFIAX
VTWNX Cor	0.005	0.879	0.879	0.878
VTTVX Cor	0.007	0.924	0.921	0.923
VTTHX Cor	0.008	0.963	0.956	0.962
VTIVX Cor	0.007	0.970	0.963	0.970
VFFVX Cor	0.008	0.971	0.962	0.970
VSCGX Cor	0.016	0.877	0.873	0.875
ACWI Cor	0.009	0.979	0.968	0.978
VIGAX Cor	0.015	0.951	0.942	0.951
Beta	0.000	1.000	1.004	1.015
Treynor	0.000	0.144	0.135	0.142
Jensen	-0.001	0.000	-0.943	-0.279

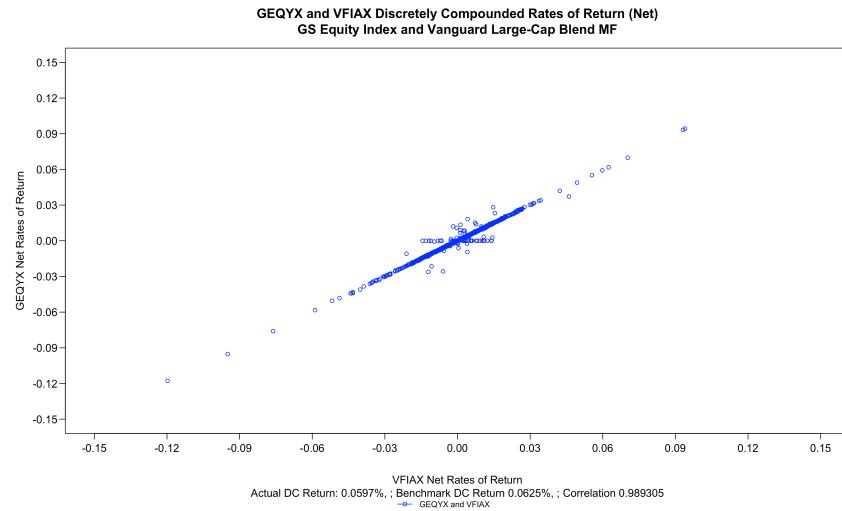
**Pair 6a. Total Return (GEQYX and VFIAX, 2019-12-31 – 2024-12-31)**



**Pair 6b. Log Total Return (GEQYX and VFIAX, 2019-12-31 – 2024-12-31)**



**Pair 6c. Rate of Return (GEQYX and VFIAX, 2019-12-31 – 2024-12-31)**



*Pair 7. Univariate Statistics (GIIYX and EFA, 2019-12-31 – 2024-12-31)*

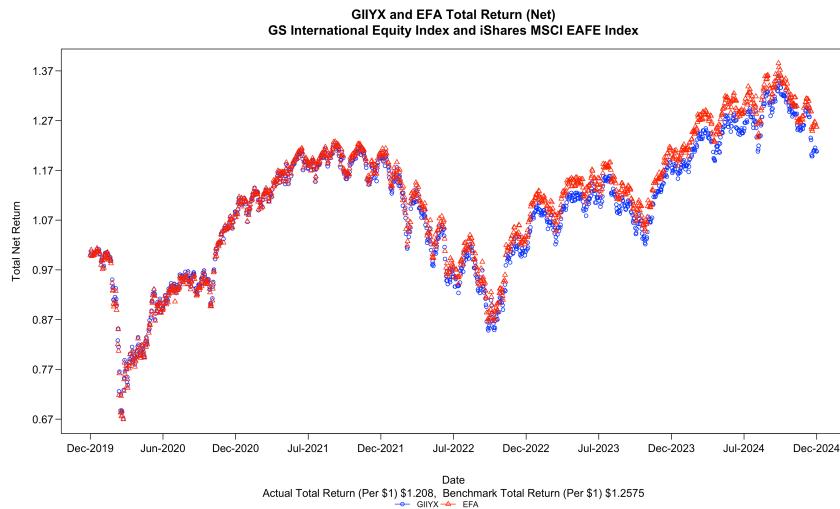
Name	CMT1M	SPY	GIIYX	EFA
TRMax	1.136	2.030	1.359	1.385
TRMin	1.000	0.697	0.671	0.670
AMean	2.574	17.010	5.814	6.765
StdDev	0.151	20.927	19.368	19.851
Skewness	0.174	-0.549	-0.871	-0.862
Kurtosis	1.211	15.009	17.059	16.128
GMean	2.585	14.531	3.851	4.687
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.100	-0.127
SC2	0.998	0.110	0.143	0.137
SC3	0.997	-0.035	-0.012	-0.003
SC4	0.997	-0.050	0.003	-0.008
SC5	0.996	0.052	0.088	0.084
Sharpe	0.000	0.690	0.167	0.211

*Pair 7. Multivariate Statistics (GIIYX and EFA, 2019-12-31 – 2024-12-31)*

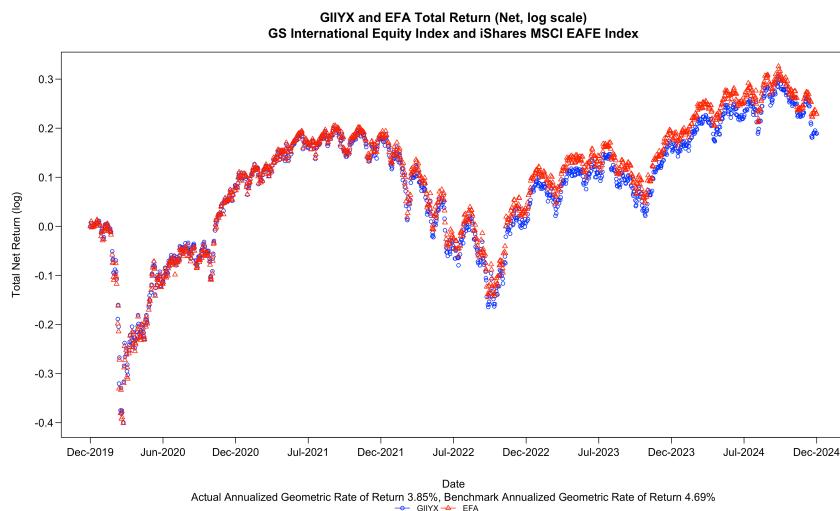
Name	CMT1M	SPY	GIIYX	EFA
Mean	2.574	17.010	5.814	6.765
Std Dev.	0.151	20.927	19.368	19.851
CMT1M Cor	1.000	0.008	0.008	0.007
SPY Cor	0.008	1.000	0.842	0.867
WWJD Cor	-0.003	0.826	0.932	0.952
TPIF Cor	0.008	0.851	0.958	0.979
SCJIX Cor	0.004	0.953	0.821	0.838
SNTCX Cor	-0.001	0.833	0.885	0.897
GDMYX Cor	0.001	0.942	0.840	0.846
GEQYX Cor	0.007	0.988	0.844	0.858
GIIYX Cor	0.008	0.842	1.000	0.971
GIEYX Cor	0.007	0.847	0.977	0.955
GEMYX Cor	0.007	0.700	0.768	0.756
GMTYX Cor	0.013	0.862	0.836	0.831
GMWYX Cor	0.009	0.890	0.858	0.856
GMHYX Cor	0.007	0.919	0.882	0.881
GMYYX Cor	0.007	0.930	0.891	0.892
GMGYX Cor	0.008	0.934	0.894	0.894
GCAYX Cor	0.022	0.832	0.810	0.805
GBAYX Cor	0.016	0.884	0.864	0.860
GGRYX Cor	0.013	0.921	0.893	0.893
GAGYX Cor	0.010	0.928	0.895	0.896
VUSE Cor	-0.003	0.899	0.814	0.843
MPLIX Cor	0.006	0.869	0.957	0.965
MBAPX Cor	0.008	0.954	0.897	0.911
MCONX Cor	0.019	0.812	0.790	0.789
MGAFX Cor	0.005	0.969	0.904	0.923
VEU Cor	0.006	0.870	0.960	0.982
EFA Cor	0.007	0.867	0.971	1.000
VBIAX Cor	0.012	0.973	0.839	0.861
VFIAX Cor	0.008	0.999	0.841	0.866
VTMGX Cor	0.005	0.871	0.977	0.988

Name	CMT1M	SPY	GIIYX	EFA
VTWNX Cor	0.005	0.879	0.835	0.848
VTTVX Cor	0.007	0.924	0.873	0.889
VTTHX Cor	0.008	0.963	0.906	0.924
VTIVX Cor	0.007	0.970	0.909	0.928
VFFVX Cor	0.008	0.971	0.910	0.929
VSCGX Cor	0.016	0.877	0.842	0.852
ACWI Cor	0.009	0.979	0.912	0.937
VIGAX Cor	0.015	0.951	0.767	0.788
Beta	0.000	1.000	0.779	0.823
Treynor	0.000	0.144	0.042	0.051
Jensen	-0.001	0.000	-8.007	-7.686

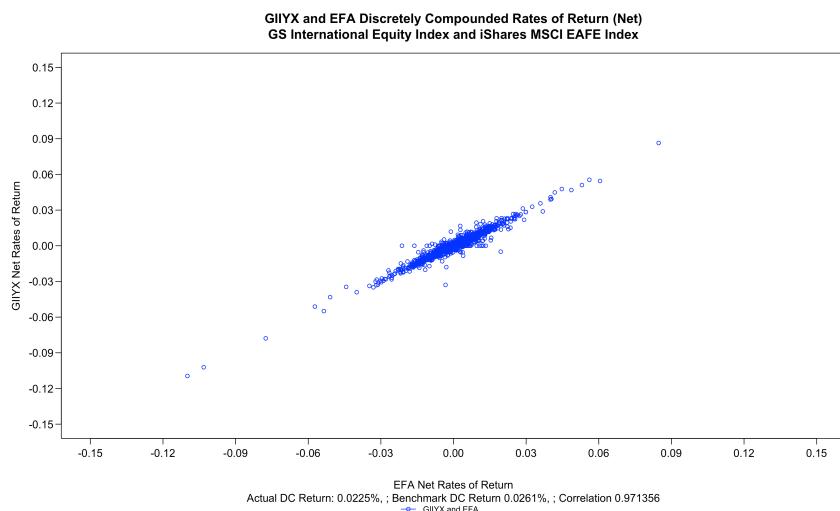
**Pair 7a. Total Return (GIIYX and EFA, 2019-12-31 – 2024-12-31)**



**Pair 7b. Log Total Return (GIIYX and EFA, 2019-12-31 – 2024-12-31)**



**Pair 7c. Rate of Return (GIIYX and EFA, 2019-12-31 – 2024-12-31)**



*Pair 8. Univariate Statistics (GIEYX and EFA, 2019-12-31 – 2024-12-31)*

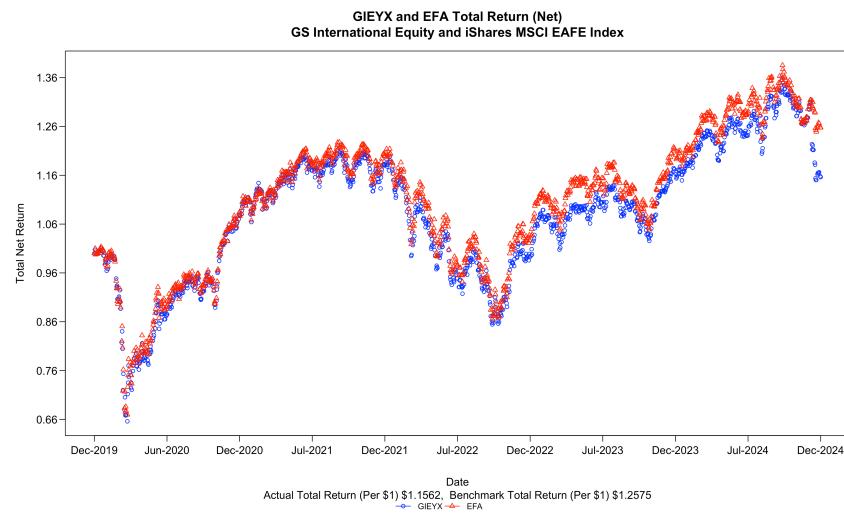
Name	CMT1M	SPY	GIEYX	EFA
TRMax	1.136	2.030	1.360	1.385
TRMin	1.000	0.697	0.656	0.670
AMean	2.574	17.010	4.812	6.765
StdDev	0.151	20.927	18.953	19.851
Skewness	0.174	-0.549	-1.023	-0.862
Kurtosis	1.211	15.009	17.147	16.128
GMean	2.585	14.531	2.944	4.687
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.067	-0.127
SC2	0.998	0.110	0.140	0.137
SC3	0.997	-0.035	-0.009	-0.003
SC4	0.997	-0.050	0.000	-0.008
SC5	0.996	0.052	0.091	0.084
Sharpe	0.000	0.690	0.118	0.211

*Pair 8. Multivariate Statistics (GIEYX and EFA, 2019-12-31 – 2024-12-31)*

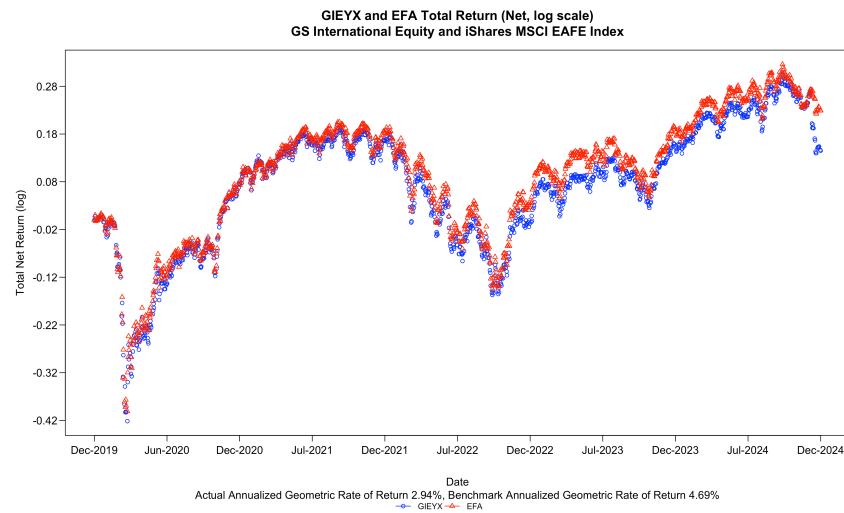
Name	CMT1M	SPY	GIEYX	EFA
Mean	2.574	17.010	4.812	6.765
Std Dev.	0.151	20.927	18.953	19.851
CMT1M Cor	1.000	0.008	0.007	0.007
SPY Cor	0.008	1.000	0.847	0.867
WWJD Cor	-0.003	0.826	0.919	0.952
TPIF Cor	0.008	0.851	0.940	0.979
SCJIX Cor	0.004	0.953	0.824	0.838
SNTCX Cor	-0.001	0.833	0.882	0.897
GDMYX Cor	0.001	0.942	0.872	0.846
GEQYX Cor	0.007	0.988	0.858	0.858
GIYX Cor	0.008	0.842	0.977	0.971
GIEYX Cor	0.007	0.847	1.000	0.955
GEMYX Cor	0.007	0.700	0.776	0.756
GMTYX Cor	0.013	0.862	0.847	0.831
GMWYX Cor	0.009	0.890	0.876	0.856
GMHYX Cor	0.007	0.919	0.896	0.881
GMYYX Cor	0.007	0.930	0.901	0.892
GMGYX Cor	0.008	0.934	0.899	0.894
GCAYX Cor	0.022	0.832	0.810	0.805
GBAYX Cor	0.016	0.884	0.866	0.860
GGRYX Cor	0.013	0.921	0.897	0.893
GAGYX Cor	0.010	0.928	0.903	0.896
VUSE Cor	-0.003	0.899	0.822	0.843
MPLIX Cor	0.006	0.869	0.949	0.965
MBAPX Cor	0.008	0.954	0.893	0.911
MCONX Cor	0.019	0.812	0.778	0.789
MGAFX Cor	0.005	0.969	0.903	0.923
VEU Cor	0.006	0.870	0.948	0.982
EFA Cor	0.007	0.867	0.955	1.000
VBIAX Cor	0.012	0.973	0.842	0.861
VFIAX Cor	0.008	0.999	0.846	0.866
VTMGX Cor	0.005	0.871	0.962	0.988

Name	CMT1M	SPY	GIEYX	EFA
VTWNX Cor	0.005	0.879	0.833	0.848
VTTVX Cor	0.007	0.924	0.872	0.889
VTTHX Cor	0.008	0.963	0.906	0.924
VTIVX Cor	0.007	0.970	0.910	0.928
VFFVX Cor	0.008	0.971	0.910	0.929
VSCGX Cor	0.016	0.877	0.838	0.852
ACWI Cor	0.009	0.979	0.912	0.937
VIGAX Cor	0.015	0.951	0.776	0.788
Beta	0.000	1.000	0.767	0.823
Treynor	0.000	0.144	0.029	0.051
Jensen	-0.001	0.000	-8.839	-7.686

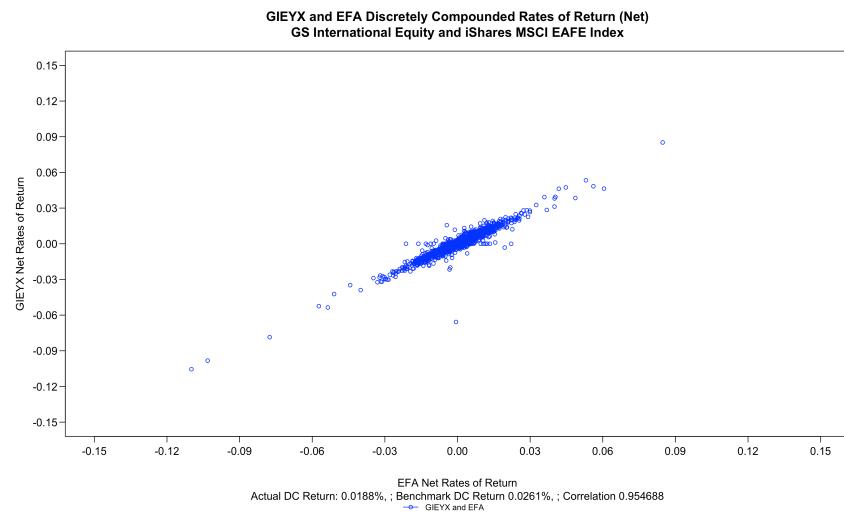
**Pair 8a. Total Return (GIEYX and EFA, 2019-12-31 – 2024-12-31)**



**Pair 8b. Log Total Return (GIEYX and EFA, 2019-12-31 – 2024-12-31)**



**Pair 8c. Rate of Return (GIEYX and EFA, 2019-12-31 – 2024-12-31)**



*Pair 9. Univariate Statistics (GEMYX and VTMGX, 2019-12-31 – 2024-12-31)*

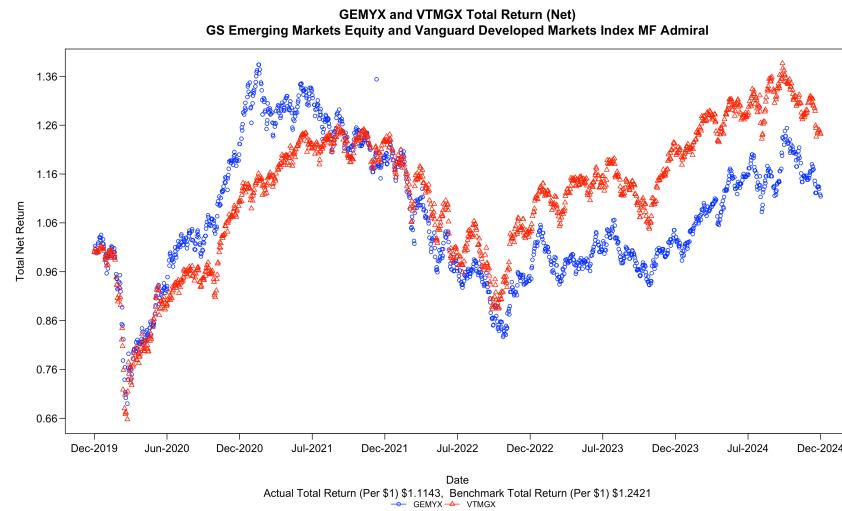
Name	CMT1M	SPY	GEMYX	VTMGX
TRMax	1.136	2.030	1.384	1.387
TRMin	1.000	0.697	0.690	0.658
AMean	2.574	17.010	4.499	6.362
StdDev	0.151	20.927	21.127	19.171
Skewness	0.174	-0.549	-0.601	-0.981
Kurtosis	1.211	15.009	21.747	18.031
GMean	2.585	14.531	2.188	4.429
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.118	-0.083
SC2	0.998	0.110	0.077	0.144
SC3	0.997	-0.035	0.001	0.002
SC4	0.997	-0.050	-0.026	-0.007
SC5	0.996	0.052	0.055	0.081
Sharpe	0.000	0.690	0.091	0.198

*Pair 9. Multivariate Statistics (GEMYX and VTMGX, 2019-12-31 – 2024-12-31)*

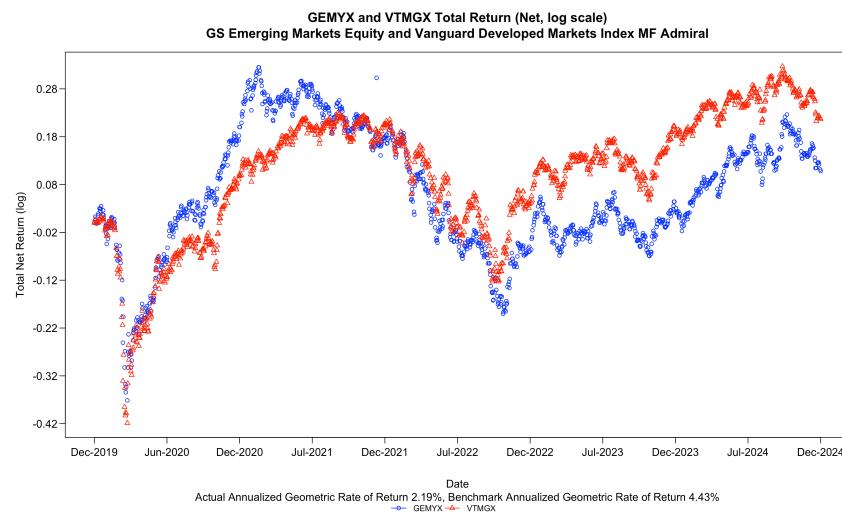
Name	CMT1M	SPY	GEMYX	VTMGX
Mean	2.574	17.010	4.499	6.362
Std Dev.	0.151	20.927	21.127	19.171
CMT1M Cor	1.000	0.008	0.007	0.005
SPY Cor	0.008	1.000	0.700	0.871
WWJD Cor	-0.003	0.826	0.748	0.950
TPIF Cor	0.008	0.851	0.754	0.978
SCJIX Cor	0.004	0.953	0.686	0.843
SNTCX Cor	-0.001	0.833	0.784	0.907
GDMYX Cor	0.001	0.942	0.674	0.853
GEQYX Cor	0.007	0.988	0.699	0.863
GIIYX Cor	0.008	0.842	0.768	0.977
GIEYX Cor	0.007	0.847	0.776	0.962
GEMYX Cor	0.007	0.700	1.000	0.781
GMTYX Cor	0.013	0.862	0.670	0.845
GMWYX Cor	0.009	0.890	0.694	0.868
GMHYX Cor	0.007	0.919	0.722	0.892
GMYYX Cor	0.007	0.930	0.734	0.901
GMGYX Cor	0.008	0.934	0.739	0.904
GCAYX Cor	0.022	0.832	0.660	0.820
GBAYX Cor	0.016	0.884	0.711	0.874
GGRYX Cor	0.013	0.921	0.748	0.904
GAGYX Cor	0.010	0.928	0.757	0.906
VUSE Cor	-0.003	0.899	0.652	0.849
MPLIX Cor	0.006	0.869	0.836	0.976
MBAPX Cor	0.008	0.954	0.735	0.919
MCONX Cor	0.019	0.812	0.627	0.800
MGAFX Cor	0.005	0.969	0.747	0.929
VEU Cor	0.006	0.870	0.828	0.981
EFA Cor	0.007	0.867	0.756	0.988
VBIAX Cor	0.012	0.973	0.692	0.868
VFIAX Cor	0.008	0.999	0.699	0.870
VTMGX Cor	0.005	0.871	0.781	1.000

Name	CMT1M	SPY	GEMYX	VTMGX
VTWNX Cor	0.005	0.879	0.703	0.857
VTTVX Cor	0.007	0.924	0.739	0.897
VTTHX Cor	0.008	0.963	0.768	0.933
VTIVX Cor	0.007	0.970	0.772	0.936
VFFVX Cor	0.008	0.971	0.773	0.937
VSCGX Cor	0.016	0.877	0.702	0.863
ACWI Cor	0.009	0.979	0.774	0.939
VIGAX Cor	0.015	0.951	0.668	0.793
Beta	0.000	1.000	0.707	0.798
Treynor	0.000	0.144	0.027	0.047
Jensen	-0.001	0.000	-8.277	-7.730

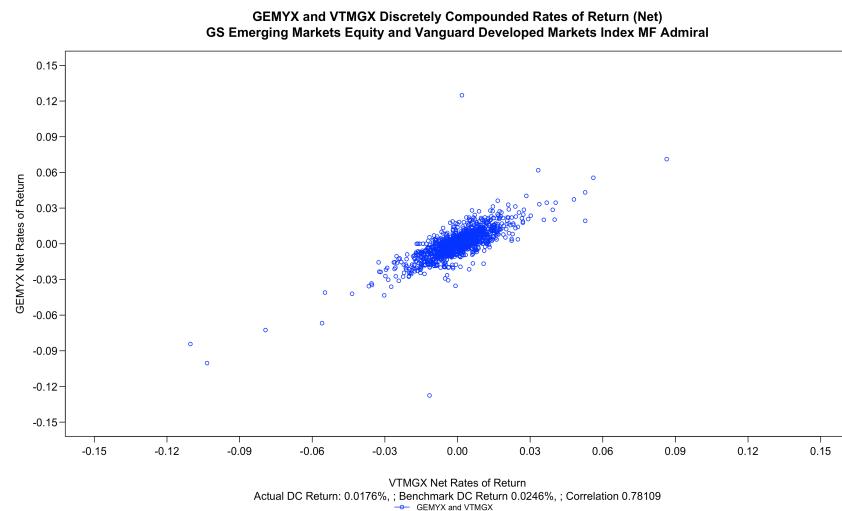
**Pair 9a. Total Return (GEMYX and VTMGX, 2019-12-31 – 2024-12-31)**



**Pair 9b. Log Total Return (GEMYX and VTMGX, 2019-12-31 – 2024-12-31)**



**Pair 9c. Rate of Return (GEMYX and VTMGX, 2019-12-31 – 2024-12-31)**



*Pair 10. Univariate Statistics (GMTYX and VTWNX, 2019-12-31 – 2024-12-31)*

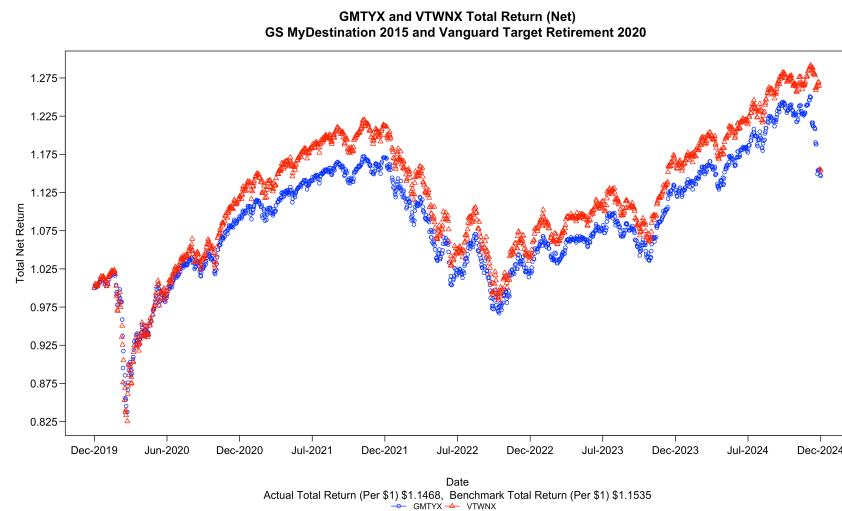
Name	CMT1M	SPY	GMTYX	VTWNX
TRMax	1.136	2.030	1.251	1.292
TRMin	1.000	0.697	0.837	0.825
AMean	2.574	17.010	3.147	3.471
StdDev	0.151	20.927	8.606	10.606
Skewness	0.174	-0.549	-1.195	-2.609
Kurtosis	1.211	15.009	16.873	37.768
GMean	2.585	14.531	2.776	2.897
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.025	-0.074
SC2	0.998	0.110	0.170	0.142
SC3	0.997	-0.035	-0.010	0.010
SC4	0.997	-0.050	0.039	-0.029
SC5	0.996	0.052	0.032	0.056
Sharpe	0.000	0.690	0.067	0.085

*Pair 10. Multivariate Statistics (GMTYX and VTWNX, 2019-12-31 – 2024-12-31)*

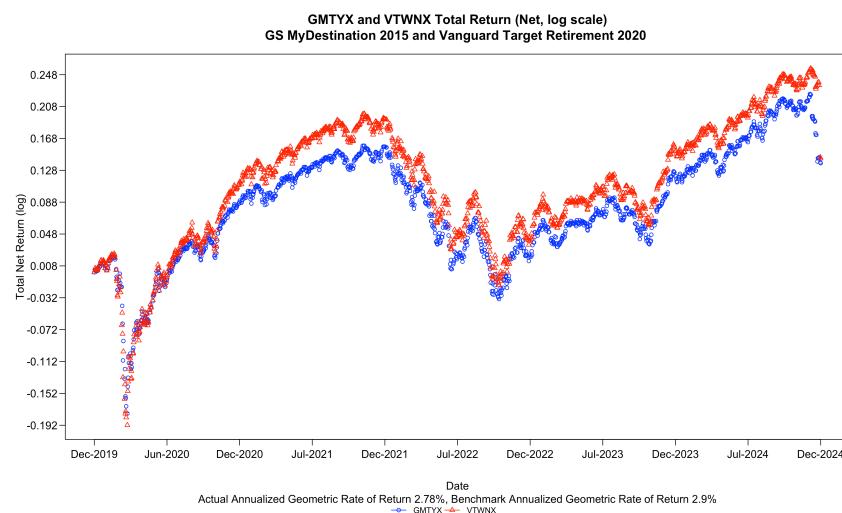
Name	CMT1M	SPY	GMTYX	VTWNX
Mean	2.574	17.010	3.147	3.471
Std Dev.	0.151	20.927	8.606	10.606
CMT1M Cor	1.000	0.008	0.013	0.005
SPY Cor	0.008	1.000	0.862	0.879
WWJD Cor	-0.003	0.826	0.803	0.818
TPIF Cor	0.008	0.851	0.830	0.838
SCJIX Cor	0.004	0.953	0.817	0.846
SNTCX Cor	-0.001	0.833	0.780	0.806
GDMYX Cor	0.001	0.942	0.877	0.867
GEQYX Cor	0.007	0.988	0.869	0.879
GIIYX Cor	0.008	0.842	0.836	0.835
GIEYX Cor	0.007	0.847	0.847	0.833
GEMYX Cor	0.007	0.700	0.670	0.703
GMTYX Cor	0.013	0.862	1.000	0.864
GMWYX Cor	0.009	0.890	0.989	0.871
GMHYX Cor	0.007	0.919	0.971	0.876
GMYYX Cor	0.007	0.930	0.953	0.873
GMGYX Cor	0.008	0.934	0.946	0.873
GCAYX Cor	0.022	0.832	0.977	0.838
GBAYX Cor	0.016	0.884	0.985	0.877
GGRYX Cor	0.013	0.921	0.956	0.876
GAGYX Cor	0.010	0.928	0.931	0.864
VUSE Cor	-0.003	0.899	0.806	0.821
MPLIX Cor	0.006	0.869	0.839	0.880
MBAPX Cor	0.008	0.954	0.920	0.927
MCONX Cor	0.019	0.812	0.900	0.869
MGAFX Cor	0.005	0.969	0.899	0.917
VEU Cor	0.006	0.870	0.830	0.857
EFA Cor	0.007	0.867	0.831	0.848
VBIAX Cor	0.012	0.973	0.904	0.943
VFIAX Cor	0.008	0.999	0.864	0.878
VTMGX Cor	0.005	0.871	0.845	0.857

Name	CMT1M	SPY	GMTYX	VTWNX
VTWNX Cor	0.005	0.879	0.864	1.000
VTTVX Cor	0.007	0.924	0.886	0.991
VTTHX Cor	0.008	0.963	0.897	0.952
VTIVX Cor	0.007	0.970	0.886	0.933
VFFVX Cor	0.008	0.971	0.885	0.930
VSCGX Cor	0.016	0.877	0.897	0.983
ACWI Cor	0.009	0.979	0.879	0.898
VIGAX Cor	0.015	0.951	0.820	0.831
Beta	0.000	1.000	0.354	0.445
Treynor	0.000	0.144	0.016	0.020
Jensen	-0.001	0.000	-4.543	-5.531

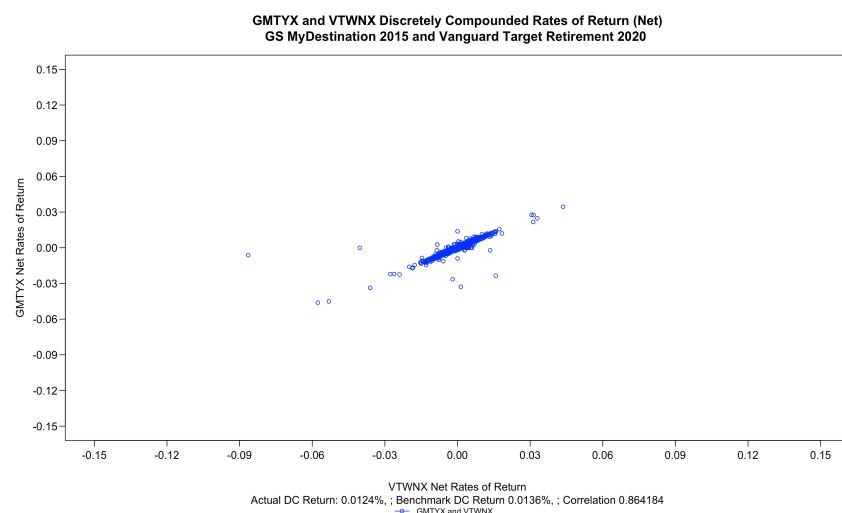
**Pair 10a. Total Return (GMTYX and VTWNX, 2019-12-31 – 2024-12-31)**



**Pair 10b. Log Total Return (GMTYX and VTWNX, 2019-12-31 – 2024-12-31)**



**Pair 10c. Rate of Return (GMTYX and VTWNX, 2019-12-31 – 2024-12-31)**



*Pair 11. Univariate Statistics (GMWYX and VTTVX, 2019-12-31 – 2024-12-31)*

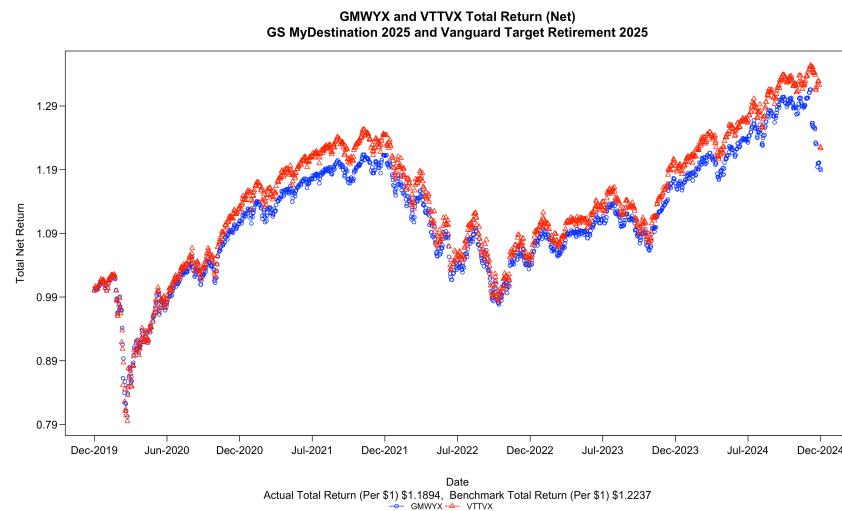
Name	CMT1M	SPY	GMWYX	VTTVX
TRMax	1.136	2.030	1.316	1.354
TRMin	1.000	0.697	0.802	0.795
AMean	2.574	17.010	4.109	4.894
StdDev	0.151	20.927	10.694	12.281
Skewness	0.174	-0.549	-1.182	-1.605
Kurtosis	1.211	15.009	18.348	23.228
GMean	2.585	14.531	3.528	4.118
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.058	-0.092
SC2	0.998	0.110	0.179	0.145
SC3	0.997	-0.035	-0.037	0.005
SC4	0.997	-0.050	0.035	-0.034
SC5	0.996	0.052	0.027	0.061
Sharpe	0.000	0.690	0.144	0.189

*Pair 11. Multivariate Statistics (GMWYX and VTTVX, 2019-12-31 – 2024-12-31)*

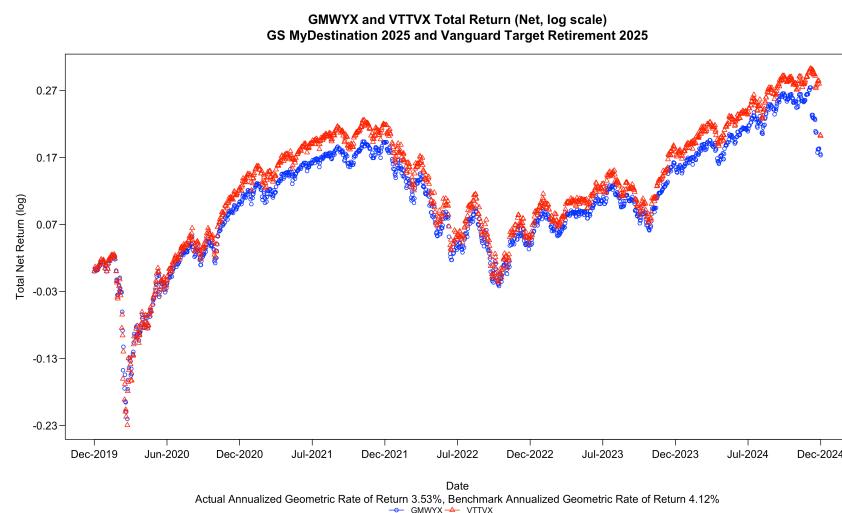
Name	CMT1M	SPY	GMWYX	VTTVX
Mean	2.574	17.010	4.109	4.894
Std Dev.	0.151	20.927	10.694	12.281
CMT1M Cor	1.000	0.008	0.009	0.007
SPY Cor	0.008	1.000	0.890	0.924
WWJD Cor	-0.003	0.826	0.826	0.856
TPIF Cor	0.008	0.851	0.852	0.877
SCJIX Cor	0.004	0.953	0.847	0.888
SNTCX Cor	-0.001	0.833	0.806	0.846
GDMYX Cor	0.001	0.942	0.909	0.902
GEQYX Cor	0.007	0.988	0.900	0.921
GIIYX Cor	0.008	0.842	0.858	0.873
GIEYX Cor	0.007	0.847	0.876	0.872
GEMYX Cor	0.007	0.700	0.694	0.739
GMTYX Cor	0.013	0.862	0.989	0.886
GMWYX Cor	0.009	0.890	1.000	0.899
GMHYX Cor	0.007	0.919	0.990	0.911
GMYYX Cor	0.007	0.930	0.978	0.912
GMGYX Cor	0.008	0.934	0.972	0.913
GCAYX Cor	0.022	0.832	0.962	0.858
GBAYX Cor	0.016	0.884	0.984	0.904
GGRYX Cor	0.013	0.921	0.974	0.914
GAGYX Cor	0.010	0.928	0.959	0.907
VUSE Cor	-0.003	0.899	0.838	0.862
MPLIX Cor	0.006	0.869	0.863	0.914
MBAPX Cor	0.008	0.954	0.931	0.957
MCONX Cor	0.019	0.812	0.875	0.876
MGAFX Cor	0.005	0.969	0.921	0.954
VEU Cor	0.006	0.870	0.856	0.898
EFA Cor	0.007	0.867	0.856	0.889
VBIAX Cor	0.012	0.973	0.917	0.968
VFIAX Cor	0.008	0.999	0.893	0.923
VTMGX Cor	0.005	0.871	0.868	0.897

Name	CMT1M	SPY	GMWYX	VTTVX
VTWNX Cor	0.005	0.879	0.871	0.991
VTTVX Cor	0.007	0.924	0.899	1.000
VTTHX Cor	0.008	0.963	0.917	0.982
VTIVX Cor	0.007	0.970	0.912	0.970
VFFVX Cor	0.008	0.971	0.911	0.969
VSCGX Cor	0.016	0.877	0.893	0.982
ACWI Cor	0.009	0.979	0.907	0.943
VIGAX Cor	0.015	0.951	0.843	0.874
Beta	0.000	1.000	0.455	0.542
Treynor	0.000	0.144	0.034	0.043
Jensen	-0.001	0.000	-5.032	-5.504

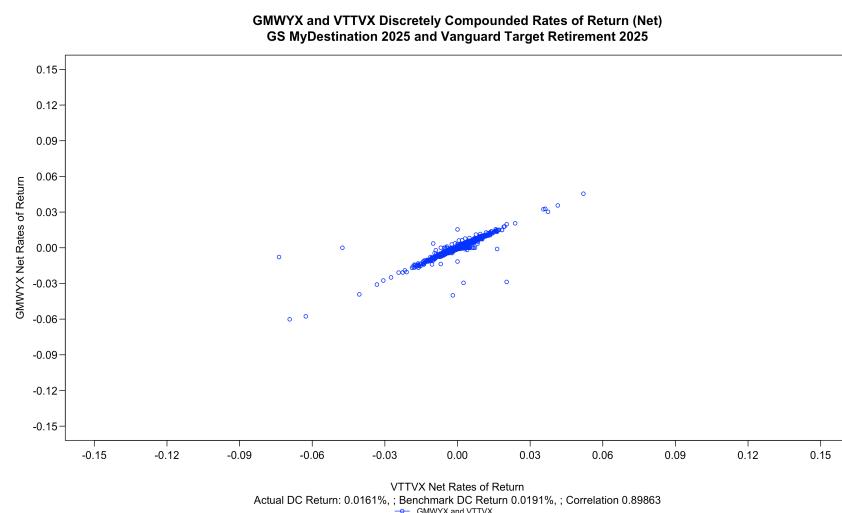
**Pair 11a. Total Return (GMWYX and VTTVX, 2019-12-31 – 2024-12-31)**



**Pair 11b. Log Total Return (GMWYX and VTTVX, 2019-12-31 – 2024-12-31)**



**Pair 11c. Rate of Return (GMWYX and VTTVX, 2019-12-31 – 2024-12-31)**



*Pair 12. Univariate Statistics (GMHYX and VTTHX, 2019-12-31 – 2024-12-31)*

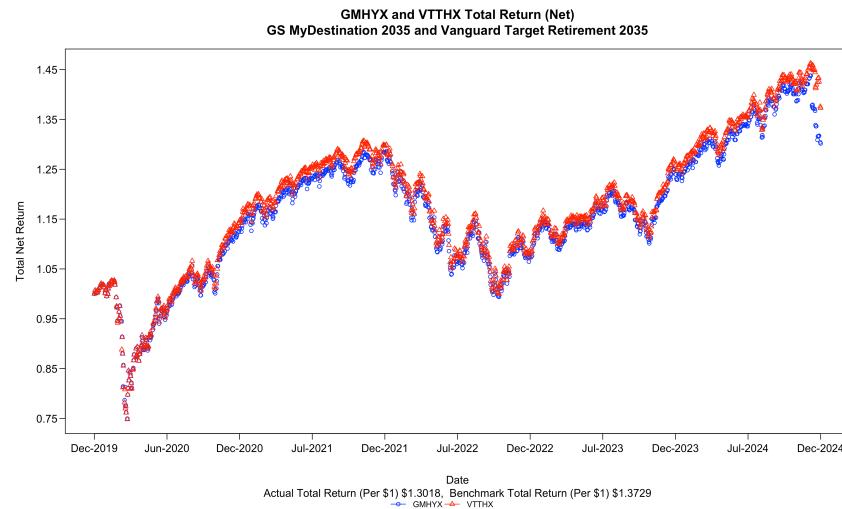
Name	CMT1M	SPY	GMHYX	VTTHX
TRMax	1.136	2.030	1.438	1.463
TRMin	1.000	0.697	0.750	0.748
AMean	2.574	17.010	6.476	7.691
StdDev	0.151	20.927	14.285	14.797
Skewness	0.174	-0.549	-0.890	-0.988
Kurtosis	1.211	15.009	18.100	18.640
GMean	2.585	14.531	5.414	6.540
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.097	-0.122
SC2	0.998	0.110	0.176	0.151
SC3	0.997	-0.035	-0.057	-0.010
SC4	0.997	-0.050	0.021	-0.037
SC5	0.996	0.052	0.025	0.069
Sharpe	0.000	0.690	0.273	0.346

*Pair 12. Multivariate Statistics (GMHYX and VTTHX, 2019-12-31 – 2024-12-31)*

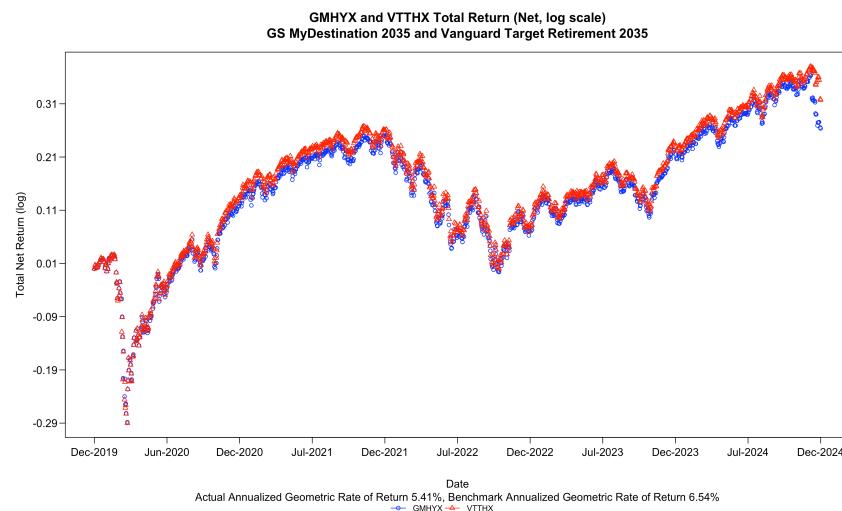
Name	CMT1M	SPY	GMHYX	VTTHX
Mean	2.574	17.010	6.476	7.691
Std Dev.	0.151	20.927	14.285	14.797
CMT1M Cor	1.000	0.008	0.007	0.008
SPY Cor	0.008	1.000	0.919	0.963
WWJD Cor	-0.003	0.826	0.849	0.890
TPIF Cor	0.008	0.851	0.875	0.913
SCJIX Cor	0.004	0.953	0.878	0.924
SNTCX Cor	-0.001	0.833	0.834	0.882
GDMYX Cor	0.001	0.942	0.925	0.931
GEQYX Cor	0.007	0.988	0.929	0.956
GIIYX Cor	0.008	0.842	0.882	0.906
GIEYX Cor	0.007	0.847	0.896	0.906
GEMYX Cor	0.007	0.700	0.722	0.768
GMTYX Cor	0.013	0.862	0.971	0.897
GMWYX Cor	0.009	0.890	0.990	0.917
GMHYX Cor	0.007	0.919	1.000	0.937
GMYYX Cor	0.007	0.930	0.995	0.943
GMGYX Cor	0.008	0.934	0.992	0.945
GCAYX Cor	0.022	0.832	0.940	0.869
GBAYX Cor	0.016	0.884	0.978	0.920
GGRYX Cor	0.013	0.921	0.989	0.942
GAGYX Cor	0.010	0.928	0.984	0.941
VUSE Cor	-0.003	0.899	0.864	0.899
MPLIX Cor	0.006	0.869	0.890	0.939
MBAPX Cor	0.008	0.954	0.943	0.977
MCONX Cor	0.019	0.812	0.853	0.867
MGAFX Cor	0.005	0.969	0.943	0.983
VEU Cor	0.006	0.870	0.883	0.934
EFA Cor	0.007	0.867	0.881	0.924
VBIAX Cor	0.012	0.973	0.930	0.978
VFIAX Cor	0.008	0.999	0.922	0.962
VTMGX Cor	0.005	0.871	0.892	0.933

Name	CMT1M	SPY	GMHYX	VTTHX
VTWNX Cor	0.005	0.879	0.876	0.952
VTTVX Cor	0.007	0.924	0.911	0.982
VTTHX Cor	0.008	0.963	0.937	1.000
VTIVX Cor	0.007	0.970	0.937	0.997
VFFVX Cor	0.008	0.971	0.937	0.997
VSCGX Cor	0.016	0.877	0.889	0.953
ACWI Cor	0.009	0.979	0.936	0.981
VIGAX Cor	0.015	0.951	0.869	0.909
Beta	0.000	1.000	0.627	0.681
Treynor	0.000	0.144	0.062	0.075
Jensen	-0.001	0.000	-5.154	-4.708

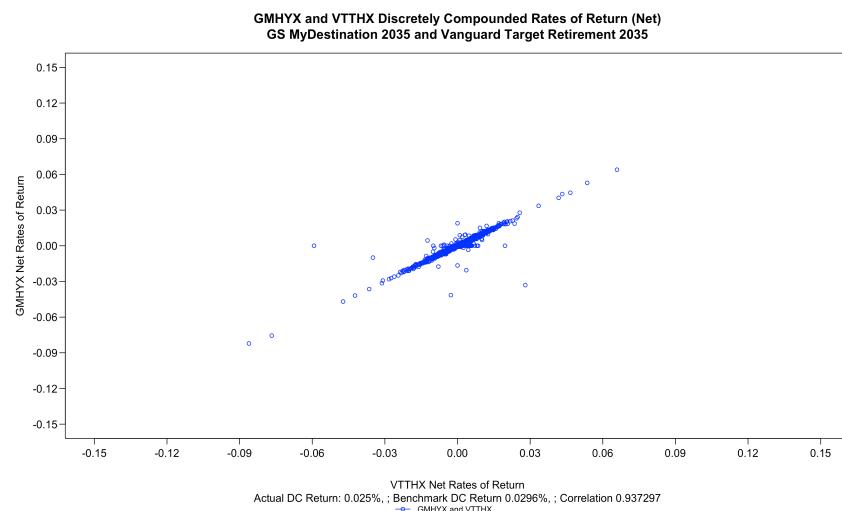
**Pair 12a. Total Return (GMHYX and VTTHX, 2019-12-31 – 2024-12-31)**



**Pair 12b. Log Total Return (GMHYX and VTTHX, 2019-12-31 – 2024-12-31)**



**Pair 12c. Rate of Return (GMHYX and VTTHX, 2019-12-31 – 2024-12-31)**



*Pair 13. Univariate Statistics (GMYYX and VTIVX, 2019-12-31 – 2024-12-31)*

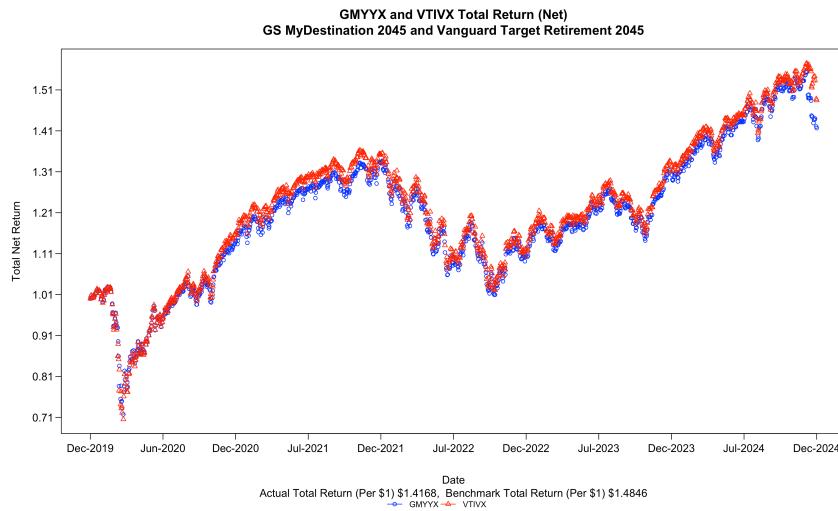
Name	CMT1M	SPY	GMYYX	VTIVX
TRMax	1.136	2.030	1.554	1.575
TRMin	1.000	0.697	0.717	0.705
AMean	2.574	17.010	8.708	9.877
StdDev	0.151	20.927	16.777	17.567
Skewness	0.174	-0.549	-0.744	-0.902
Kurtosis	1.211	15.009	17.188	18.654
GMean	2.585	14.531	7.213	8.220
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.109	-0.137
SC2	0.998	0.110	0.164	0.148
SC3	0.997	-0.035	-0.070	-0.020
SC4	0.997	-0.050	0.018	-0.039
SC5	0.996	0.052	0.026	0.068
Sharpe	0.000	0.690	0.366	0.416

*Pair 13. Multivariate Statistics (GMYYX and VTIVX, 2019-12-31 – 2024-12-31)*

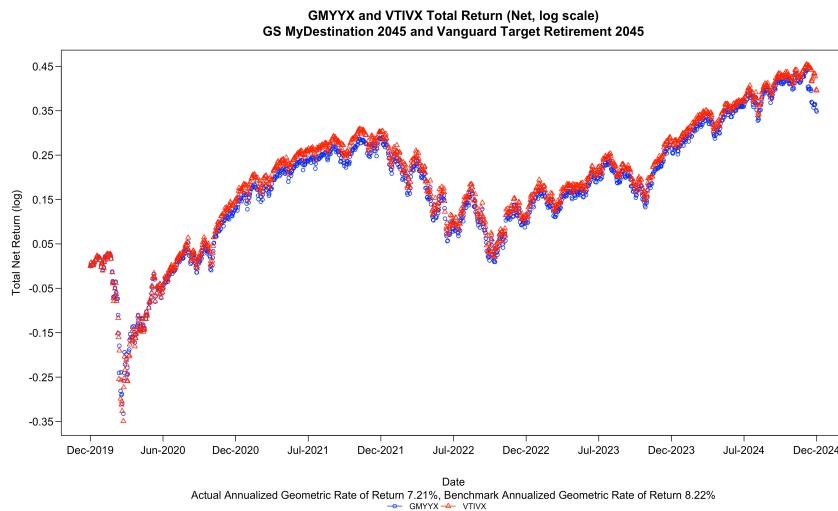
Name	CMT1M	SPY	GMYYX	VTIVX
Mean	2.574	17.010	8.708	9.877
Std Dev.	0.151	20.927	16.777	17.567
CMT1M Cor	1.000	0.008	0.007	0.007
SPY Cor	0.008	1.000	0.930	0.970
WWJD Cor	-0.003	0.826	0.858	0.894
TPIF Cor	0.008	0.851	0.883	0.916
SCJIX Cor	0.004	0.953	0.888	0.932
SNTCX Cor	-0.001	0.833	0.846	0.888
GDMYX Cor	0.001	0.942	0.924	0.935
GEQYX Cor	0.007	0.988	0.941	0.963
GIIYX Cor	0.008	0.842	0.891	0.909
GIEYX Cor	0.007	0.847	0.901	0.910
GEMYX Cor	0.007	0.700	0.734	0.772
GMTYX Cor	0.013	0.862	0.953	0.886
GMWYX Cor	0.009	0.890	0.978	0.912
GMHYX Cor	0.007	0.919	0.995	0.937
GMYYX Cor	0.007	0.930	1.000	0.946
GMGYX Cor	0.008	0.934	0.998	0.949
GCAYX Cor	0.022	0.832	0.921	0.858
GBAYX Cor	0.016	0.884	0.968	0.912
GGRYX Cor	0.013	0.921	0.992	0.944
GAGYX Cor	0.010	0.928	0.992	0.947
VUSE Cor	-0.003	0.899	0.873	0.908
MPLIX Cor	0.006	0.869	0.900	0.940
MBAPX Cor	0.008	0.954	0.943	0.973
MCONX Cor	0.019	0.812	0.833	0.842
MGAFX Cor	0.005	0.969	0.950	0.984
VEU Cor	0.006	0.870	0.894	0.938
EFA Cor	0.007	0.867	0.892	0.928
VBIAX Cor	0.012	0.973	0.931	0.972
VFIAX Cor	0.008	0.999	0.933	0.970
VTMGX Cor	0.005	0.871	0.901	0.936

Name	CMT1M	SPY	GMYYX	VTIVX
VTWNX Cor	0.005	0.879	0.873	0.933
VTTVX Cor	0.007	0.924	0.912	0.970
VTTHX Cor	0.008	0.963	0.943	0.997
VTIVX Cor	0.007	0.970	0.946	1.000
VFFVX Cor	0.008	0.971	0.946	1.000
VSCGX Cor	0.016	0.877	0.881	0.932
ACWI Cor	0.009	0.979	0.947	0.988
VIGAX Cor	0.015	0.951	0.881	0.915
Beta	0.000	1.000	0.746	0.814
Treynor	0.000	0.144	0.082	0.090
Jensen	-0.001	0.000	-4.635	-4.454

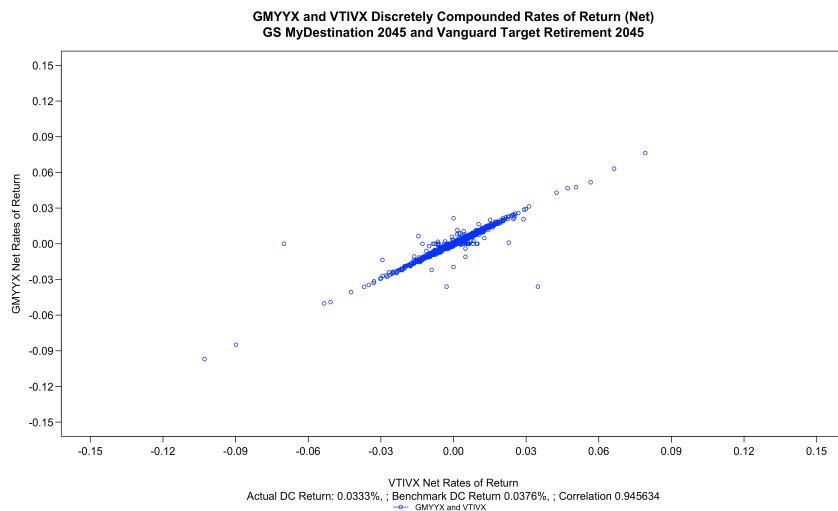
**Pair 13a. Total Return (GMYYX and VTIVX, 2019-12-31 – 2024-12-31)**



**Pair 13b. Log Total Return (GMYYX and VTIVX, 2019-12-31 – 2024-12-31)**



**Pair 13c. Rate of Return (GMYYX and VTIVX, 2019-12-31 – 2024-12-31)**



*Pair 14. Univariate Statistics (GMGYX and VFFVX, 2019-12-31 – 2024-12-31)*

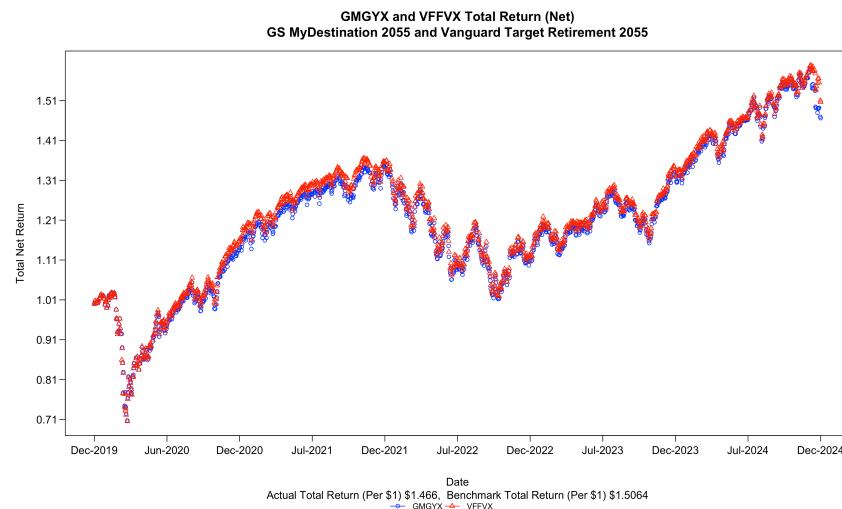
Name	CMT1M	SPY	GMGYX	VFFVX
TRMax	1.136	2.030	1.589	1.599
TRMin	1.000	0.697	0.707	0.705
AMean	2.574	17.010	9.599	10.249
StdDev	0.151	20.927	17.565	17.839
Skewness	0.174	-0.549	-0.715	-0.864
Kurtosis	1.211	15.009	17.334	17.654
GMean	2.585	14.531	7.948	8.536
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.116	-0.131
SC2	0.998	0.110	0.166	0.142
SC3	0.997	-0.035	-0.075	-0.021
SC4	0.997	-0.050	0.015	-0.038
SC5	0.996	0.052	0.027	0.067
Sharpe	0.000	0.690	0.400	0.430

*Pair 14. Multivariate Statistics (GMGYX and VFFVX, 2019-12-31 – 2024-12-31)*

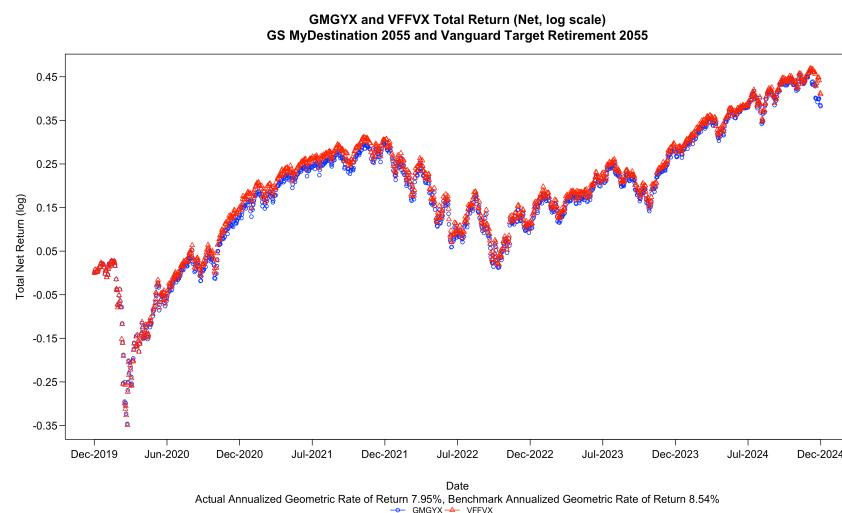
Name	CMT1M	SPY	GMGYX	VFFVX
Mean	2.574	17.010	9.599	10.249
Std Dev.	0.151	20.927	17.565	17.839
CMT1M Cor	1.000	0.008	0.008	0.008
SPY Cor	0.008	1.000	0.934	0.971
WWJD Cor	-0.003	0.826	0.860	0.894
TPIF Cor	0.008	0.851	0.885	0.916
SCJIX Cor	0.004	0.953	0.893	0.931
SNTCX Cor	-0.001	0.833	0.850	0.888
GDMYX Cor	0.001	0.942	0.921	0.933
GEQYX Cor	0.007	0.988	0.944	0.962
GIIYX Cor	0.008	0.842	0.894	0.910
GIEYX Cor	0.007	0.847	0.899	0.910
GEMYX Cor	0.007	0.700	0.739	0.773
GMTYX Cor	0.013	0.862	0.946	0.885
GMWYX Cor	0.009	0.890	0.972	0.911
GMHYX Cor	0.007	0.919	0.992	0.937
GMYYX Cor	0.007	0.930	0.998	0.946
GMGYX Cor	0.008	0.934	1.000	0.950
GCAYX Cor	0.022	0.832	0.915	0.857
GBAYX Cor	0.016	0.884	0.965	0.912
GGRYX Cor	0.013	0.921	0.993	0.944
GAGYX Cor	0.010	0.928	0.995	0.948
VUSE Cor	-0.003	0.899	0.877	0.907
MPLIX Cor	0.006	0.869	0.904	0.941
MBAPX Cor	0.008	0.954	0.944	0.972
MCONX Cor	0.019	0.812	0.827	0.840
MGAFX Cor	0.005	0.969	0.952	0.984
VEU Cor	0.006	0.870	0.897	0.938
EFA Cor	0.007	0.867	0.894	0.929
VBIAX Cor	0.012	0.973	0.932	0.972
VFIAX Cor	0.008	0.999	0.937	0.970
VTMGX Cor	0.005	0.871	0.904	0.937

Name	CMT1M	SPY	GMGYX	VFFVX
VTWNX Cor	0.005	0.879	0.873	0.930
VTTVX Cor	0.007	0.924	0.913	0.969
VTTHX Cor	0.008	0.963	0.945	0.997
VTIVX Cor	0.007	0.970	0.949	1.000
VFFVX Cor	0.008	0.971	0.950	1.000
VSCGX Cor	0.016	0.877	0.879	0.930
ACWI Cor	0.009	0.979	0.951	0.988
VIGAX Cor	0.015	0.951	0.884	0.917
Beta	0.000	1.000	0.784	0.827
Treynor	0.000	0.144	0.090	0.093
Jensen	-0.001	0.000	-4.298	-4.268

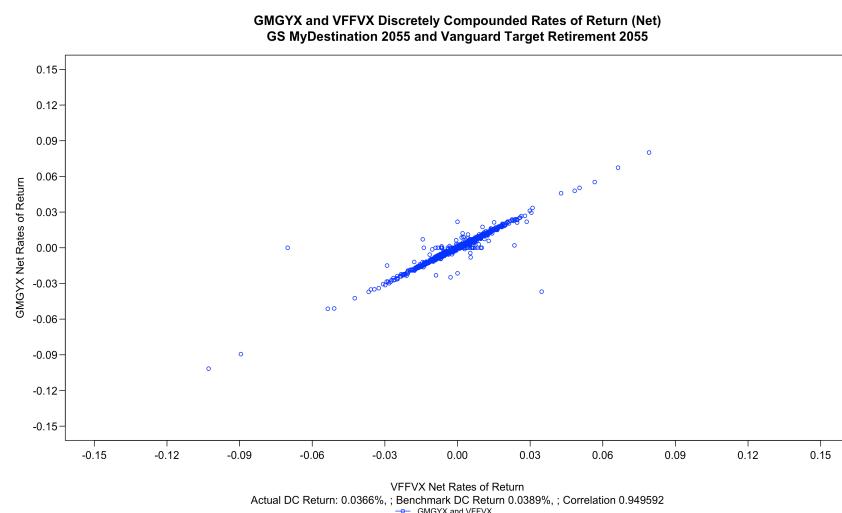
**Pair 14a. Total Return (GMGYX and VFFVX, 2019-12-31 – 2024-12-31)**



**Pair 14b. Log Total Return (GMGYX and VFFVX, 2019-12-31 – 2024-12-31)**



**Pair 14c. Rate of Return (GMGYX and VFFVX, 2019-12-31 – 2024-12-31)**



*Pair 15. Univariate Statistics (GCAYX and VSCGX, 2019-12-31 – 2024-12-31)*

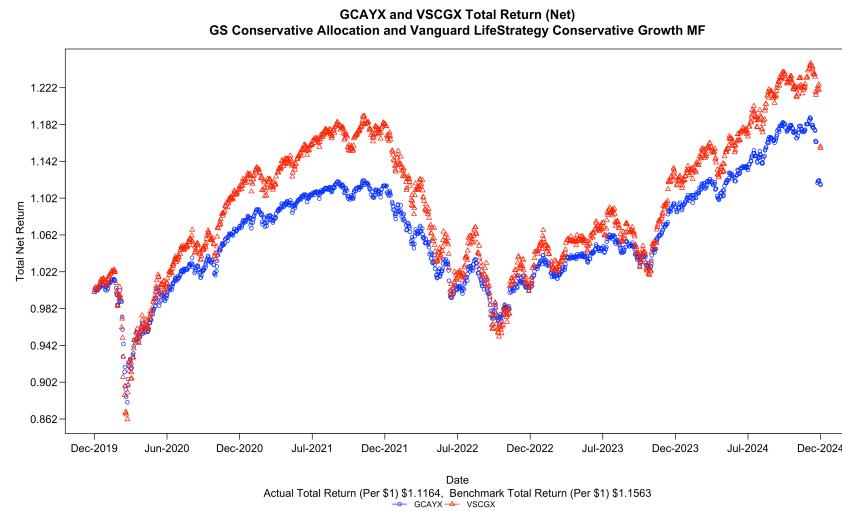
Name	CMT1M	SPY	GCAYX	VSCGX
TRMax	1.136	2.030	1.190	1.249
TRMin	1.000	0.697	0.880	0.862
AMean	2.574	17.010	2.404	3.356
StdDev	0.151	20.927	6.051	9.026
Skewness	0.174	-0.549	-1.771	-1.359
Kurtosis	1.211	15.009	22.040	18.082
GMean	2.585	14.531	2.225	2.946
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.005	-0.030
SC2	0.998	0.110	0.168	0.128
SC3	0.997	-0.035	0.010	0.026
SC4	0.997	-0.050	0.046	-0.012
SC5	0.996	0.052	0.036	0.045
Sharpe	0.000	0.690	-0.028	0.087

*Pair 15. Multivariate Statistics (GCAYX and VSCGX, 2019-12-31 – 2024-12-31)*

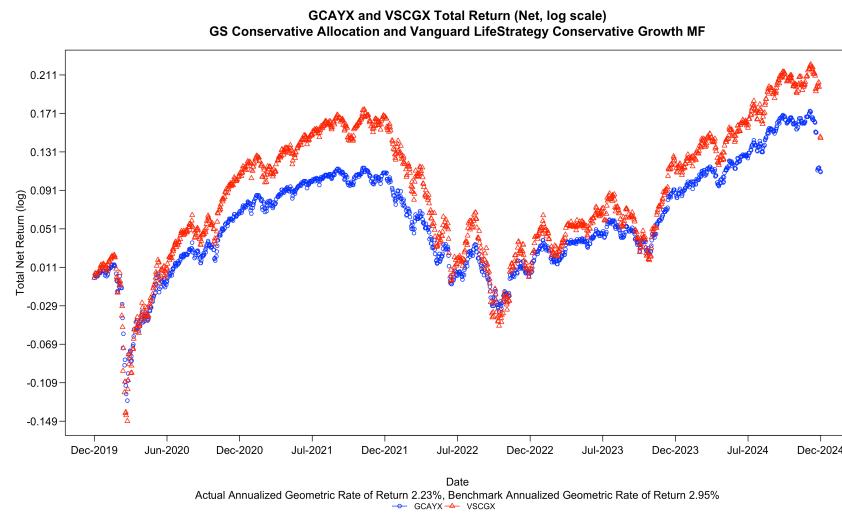
Name	CMT1M	SPY	GCAYX	VSCGX
Mean	2.574	17.010	2.404	3.356
Std Dev.	0.151	20.927	6.051	9.026
CMT1M Cor	1.000	0.008	0.022	0.016
SPY Cor	0.008	1.000	0.832	0.877
WWJD Cor	-0.003	0.826	0.783	0.821
TPIF Cor	0.008	0.851	0.806	0.844
SCJIX Cor	0.004	0.953	0.782	0.837
SNTCX Cor	-0.001	0.833	0.756	0.805
GDMYX Cor	0.001	0.942	0.827	0.859
GEQYX Cor	0.007	0.988	0.831	0.873
GIIYX Cor	0.008	0.842	0.810	0.842
GIEYX Cor	0.007	0.847	0.810	0.838
GEMYX Cor	0.007	0.700	0.660	0.702
GMTYX Cor	0.013	0.862	0.977	0.897
GMWYX Cor	0.009	0.890	0.962	0.893
GMHYX Cor	0.007	0.919	0.940	0.889
GMYYX Cor	0.007	0.930	0.921	0.881
GMGYX Cor	0.008	0.934	0.915	0.879
GCAYX Cor	0.022	0.832	1.000	0.870
GBAYX Cor	0.016	0.884	0.975	0.906
GGRYX Cor	0.013	0.921	0.938	0.889
GAGYX Cor	0.010	0.928	0.907	0.869
VUSE Cor	-0.003	0.899	0.782	0.811
MPLIX Cor	0.006	0.869	0.818	0.878
MBAPX Cor	0.008	0.954	0.894	0.943
MCONX Cor	0.019	0.812	0.877	0.925
MGAFX Cor	0.005	0.969	0.872	0.920
VEU Cor	0.006	0.870	0.809	0.859
EFA Cor	0.007	0.867	0.805	0.852
VBIAX Cor	0.012	0.973	0.875	0.951
VFIAX Cor	0.008	0.999	0.834	0.875
VTMGX Cor	0.005	0.871	0.820	0.863

Name	CMT1M	SPY	GCAYX	VSCGX
VTWNX Cor	0.005	0.879	0.838	0.983
VTTVX Cor	0.007	0.924	0.858	0.982
VTTHX Cor	0.008	0.963	0.869	0.953
VTIVX Cor	0.007	0.970	0.858	0.932
VFFVX Cor	0.008	0.971	0.857	0.930
VSCGX Cor	0.016	0.877	0.870	1.000
ACWI Cor	0.009	0.979	0.852	0.899
VIGAX Cor	0.015	0.951	0.794	0.841
Beta	0.000	1.000	0.241	0.378
Treynor	0.000	0.144	-0.007	0.021
Jensen	-0.001	0.000	-3.643	-4.682

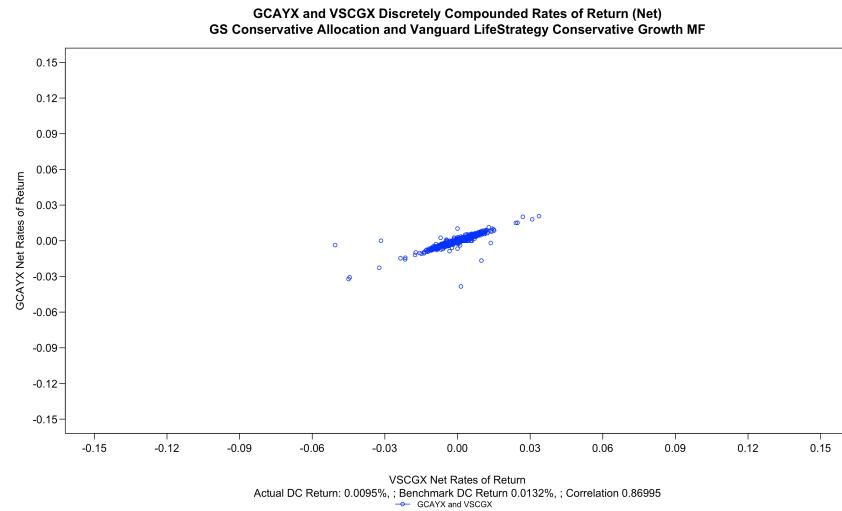
**Pair 15a. Total Return (GCAYX and VSCGX, 2019-12-31 – 2024-12-31)**



**Pair 15b. Log Total Return (GCAYX and VSCGX, 2019-12-31 – 2024-12-31)**



**Pair 15c. Rate of Return (GCAYX and VSCGX, 2019-12-31 – 2024-12-31)**



*Pair 16. Univariate Statistics (GBAYX and VBIAX, 2019-12-31 – 2024-12-31)*

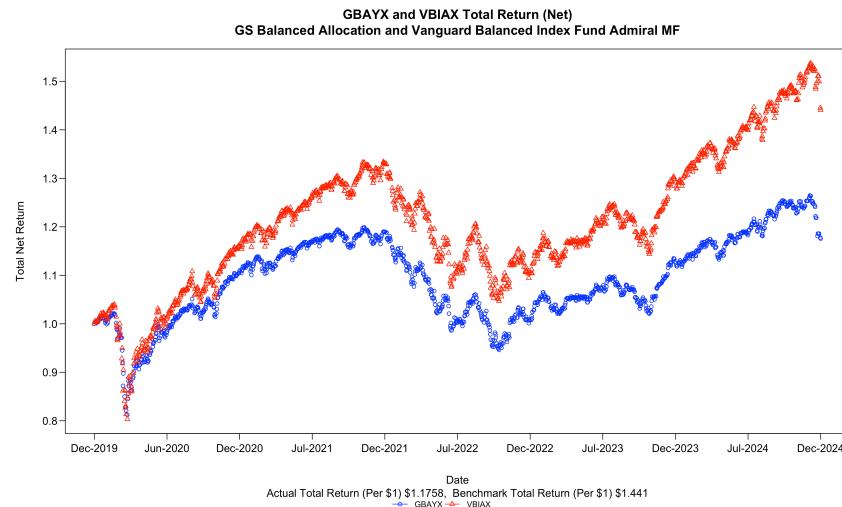
Name	CMT1M	SPY	GBAYX	VBIAX
TRMax	1.136	2.030	1.265	1.537
TRMin	1.000	0.697	0.812	0.803
AMean	2.574	17.010	3.798	8.530
StdDev	0.151	20.927	10.026	13.488
Skewness	0.174	-0.549	-1.019	-0.713
Kurtosis	1.211	15.009	15.674	14.600
GMean	2.585	14.531	3.290	7.578
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.029	-0.112
SC2	0.998	0.110	0.177	0.126
SC3	0.997	-0.035	-0.020	-0.017
SC4	0.997	-0.050	0.039	-0.037
SC5	0.996	0.052	0.030	0.044
Sharpe	0.000	0.690	0.122	0.442

*Pair 16. Multivariate Statistics (GBAYX and VBIAX, 2019-12-31 – 2024-12-31)*

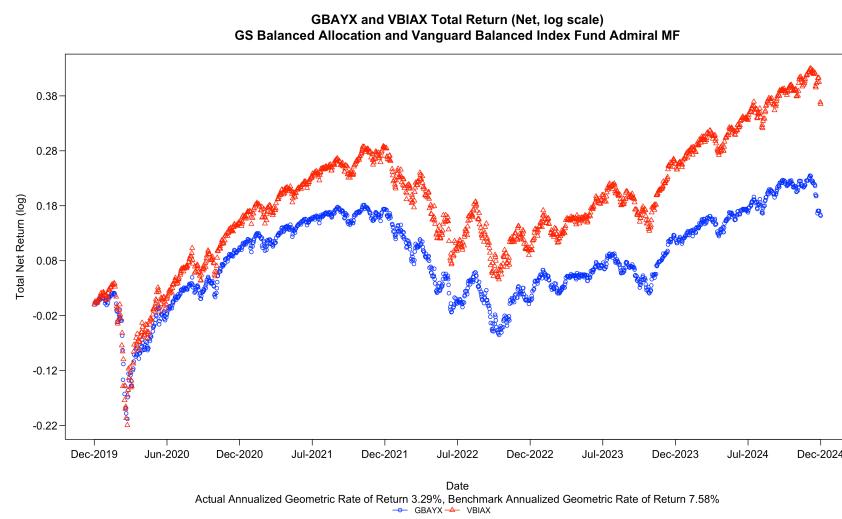
Name	CMT1M	SPY	GBAYX	VBIAX
Mean	2.574	17.010	3.798	8.530
Std Dev.	0.151	20.927	10.026	13.488
CMT1M Cor	1.000	0.008	0.016	0.012
SPY Cor	0.008	1.000	0.884	0.973
WWJD Cor	-0.003	0.826	0.835	0.825
TPIF Cor	0.008	0.851	0.858	0.849
SCJIX Cor	0.004	0.953	0.839	0.926
SNTCX Cor	-0.001	0.833	0.815	0.825
GDMYX Cor	0.001	0.942	0.877	0.932
GEQYX Cor	0.007	0.988	0.887	0.965
GIIYX Cor	0.008	0.842	0.864	0.839
GIEYX Cor	0.007	0.847	0.866	0.842
GEMYX Cor	0.007	0.700	0.711	0.692
GMTYX Cor	0.013	0.862	0.985	0.904
GMWYX Cor	0.009	0.890	0.984	0.917
GMHYX Cor	0.007	0.919	0.978	0.930
GMYYX Cor	0.007	0.930	0.968	0.931
GMGYX Cor	0.008	0.934	0.965	0.932
GCAYX Cor	0.022	0.832	0.975	0.875
GBAYX Cor	0.016	0.884	1.000	0.920
GGRYX Cor	0.013	0.921	0.981	0.929
GAGYX Cor	0.010	0.928	0.961	0.922
VUSE Cor	-0.003	0.899	0.836	0.889
MPLIX Cor	0.006	0.869	0.874	0.873
MBAPX Cor	0.008	0.954	0.939	0.977
MCONX Cor	0.019	0.812	0.897	0.893
MGAFX Cor	0.005	0.969	0.924	0.974
VEU Cor	0.006	0.870	0.865	0.865
EFA Cor	0.007	0.867	0.860	0.861
VBIAX Cor	0.012	0.973	0.920	1.000
VFIAX Cor	0.008	0.999	0.885	0.972
VTMGX Cor	0.005	0.871	0.874	0.868

Name	CMT1M	SPY	GBAYX	VBIAX
VTWNX Cor	0.005	0.879	0.877	0.943
VTTVX Cor	0.007	0.924	0.904	0.968
VTTHX Cor	0.008	0.963	0.920	0.978
VTIVX Cor	0.007	0.970	0.912	0.972
VFFVX Cor	0.008	0.971	0.912	0.972
VSCGX Cor	0.016	0.877	0.906	0.951
ACWI Cor	0.009	0.979	0.907	0.962
VIGAX Cor	0.015	0.951	0.842	0.935
Beta	0.000	1.000	0.423	0.627
Treynor	0.000	0.144	0.029	0.095
Jensen	-0.001	0.000	-4.888	-3.093

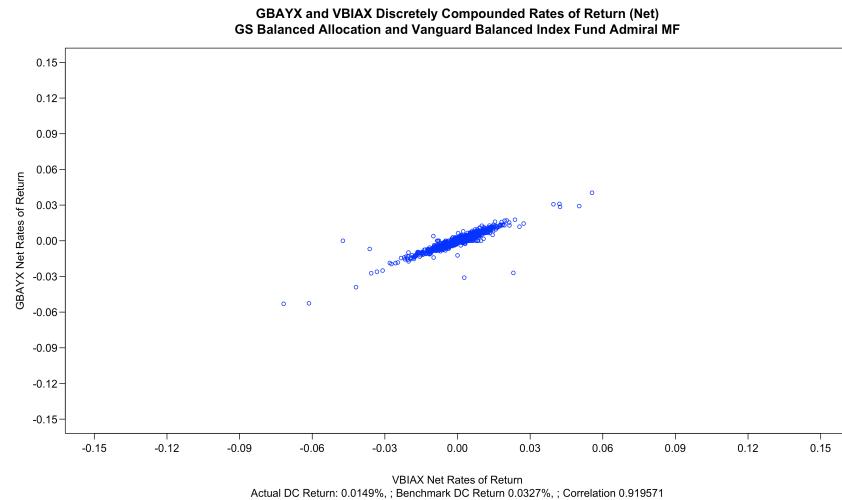
**Pair 16a. Total Return (GBAYX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 16b. Log Total Return (GBAYX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 16c. Rate of Return (GBAYX and VBIAX, 2019-12-31 – 2024-12-31)**



*Pair 17. Univariate Statistics (GGRYX and VBIAX, 2019-12-31 – 2024-12-31)*

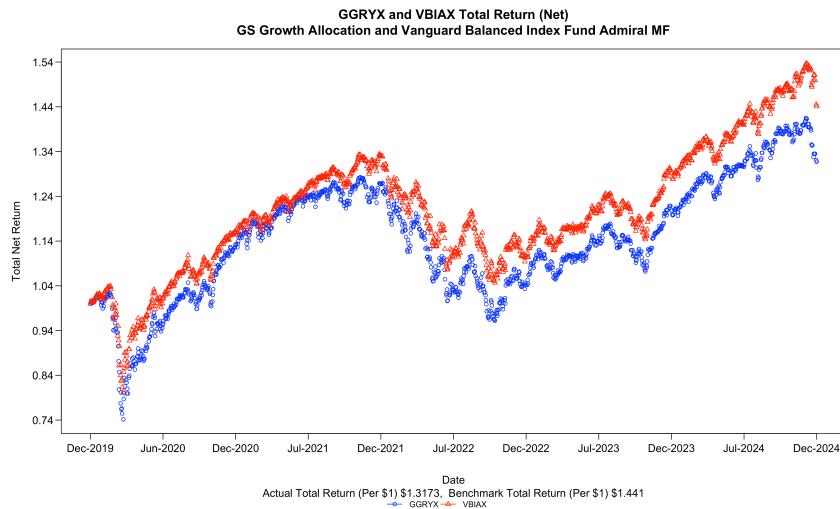
Name	CMT1M	SPY	GGRYX	VBIAX
TRMax	1.136	2.030	1.415	1.537
TRMin	1.000	0.697	0.742	0.803
AMean	2.574	17.010	6.774	8.530
StdDev	0.151	20.927	14.582	13.488
Skewness	0.174	-0.549	-0.816	-0.713
Kurtosis	1.211	15.009	15.552	14.600
GMean	2.585	14.531	5.665	7.578
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.077	-0.112
SC2	0.998	0.110	0.166	0.126
SC3	0.997	-0.035	-0.051	-0.017
SC4	0.997	-0.050	0.021	-0.037
SC5	0.996	0.052	0.030	0.044
Sharpe	0.000	0.690	0.288	0.442

*Pair 17. Multivariate Statistics (GGRYX and VBIAX, 2019-12-31 – 2024-12-31)*

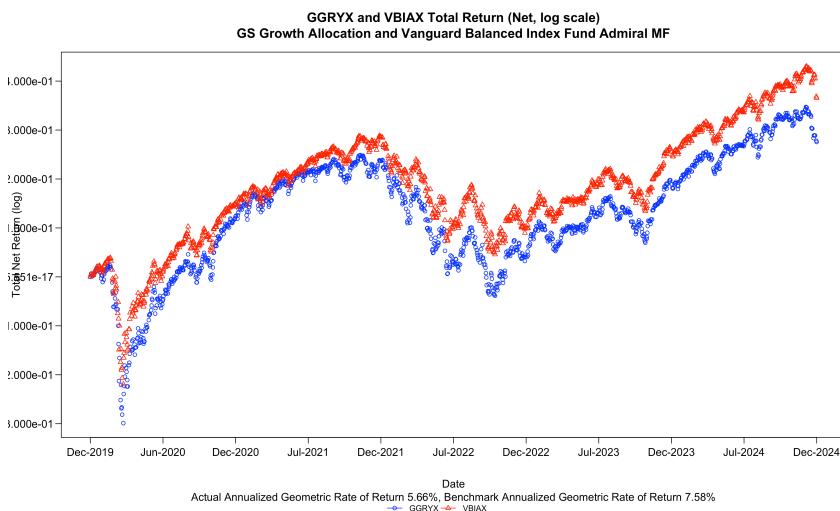
Name	CMT1M	SPY	GGRYX	VBIAX
Mean	2.574	17.010	6.774	8.530
Std Dev.	0.151	20.927	14.582	13.488
CMT1M Cor	1.000	0.008	0.013	0.012
SPY Cor	0.008	1.000	0.921	0.973
WWJD Cor	-0.003	0.826	0.864	0.825
TPIF Cor	0.008	0.851	0.886	0.849
SCJIX Cor	0.004	0.953	0.877	0.926
SNTCX Cor	-0.001	0.833	0.850	0.825
GDMYX Cor	0.001	0.942	0.903	0.932
GEQYX Cor	0.007	0.988	0.926	0.965
GIIYX Cor	0.008	0.842	0.893	0.839
GIEYX Cor	0.007	0.847	0.897	0.842
GEMYX Cor	0.007	0.700	0.748	0.692
GMTYX Cor	0.013	0.862	0.956	0.904
GMWYX Cor	0.009	0.890	0.974	0.917
GMHYX Cor	0.007	0.919	0.989	0.930
GMYYX Cor	0.007	0.930	0.992	0.931
GMGYX Cor	0.008	0.934	0.993	0.932
GCAYX Cor	0.022	0.832	0.938	0.875
GBAYX Cor	0.016	0.884	0.981	0.920
GGRYX Cor	0.013	0.921	1.000	0.929
GAGYX Cor	0.010	0.928	0.994	0.922
VUSE Cor	-0.003	0.899	0.872	0.889
MPLIX Cor	0.006	0.869	0.907	0.873
MBAPX Cor	0.008	0.954	0.948	0.977
MCONX Cor	0.019	0.812	0.848	0.893
MGAFX Cor	0.005	0.969	0.950	0.974
VEU Cor	0.006	0.870	0.899	0.865
EFA Cor	0.007	0.867	0.893	0.861
VBIAX Cor	0.012	0.973	0.929	1.000
VFIAX Cor	0.008	0.999	0.923	0.972
VTMGX Cor	0.005	0.871	0.904	0.868

Name	CMT1M	SPY	GGRYX	VBIAX
VTWNX Cor	0.005	0.879	0.876	0.943
VTTVX Cor	0.007	0.924	0.914	0.968
VTTHX Cor	0.008	0.963	0.942	0.978
VTIVX Cor	0.007	0.970	0.944	0.972
VFFVX Cor	0.008	0.971	0.944	0.972
VSCGX Cor	0.016	0.877	0.889	0.951
ACWI Cor	0.009	0.979	0.944	0.962
VIGAX Cor	0.015	0.951	0.874	0.935
Beta	0.000	1.000	0.642	0.627
Treynor	0.000	0.144	0.065	0.095
Jensen	-0.001	0.000	-5.065	-3.093

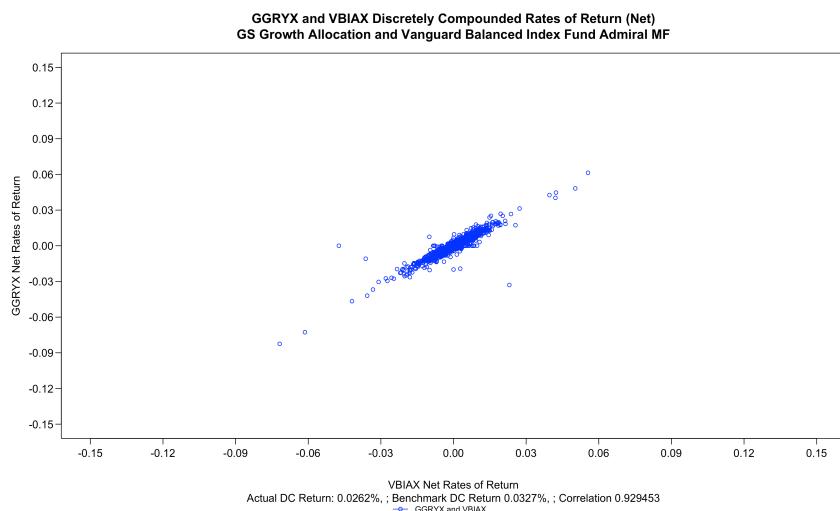
**Pair 17a. Total Return (GGRYX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 17b. Log Total Return (GGRYX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 17c. Rate of Return (GGRYX and VBIAX, 2019-12-31 – 2024-12-31)**



*Pair 18. Univariate Statistics (GAGYX and VFFVX, 2019-12-31 – 2024-12-31)*

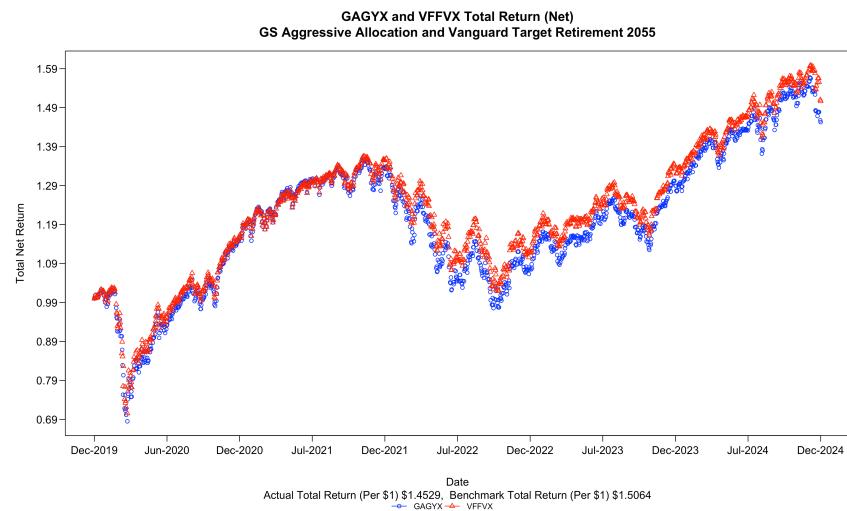
Name	CMT1M	SPY	GAGYX	VFFVX
TRMax	1.136	2.030	1.568	1.599
TRMin	1.000	0.697	0.685	0.705
AMean	2.574	17.010	9.652	10.249
StdDev	0.151	20.927	18.806	17.839
Skewness	0.174	-0.549	-0.664	-0.864
Kurtosis	1.211	15.009	15.445	17.654
GMean	2.585	14.531	7.754	8.536
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.104	-0.131
SC2	0.998	0.110	0.160	0.142
SC3	0.997	-0.035	-0.074	-0.021
SC4	0.997	-0.050	0.015	-0.038
SC5	0.996	0.052	0.030	0.067
Sharpe	0.000	0.690	0.376	0.430

*Pair 18. Multivariate Statistics (GAGYX and VFFVX, 2019-12-31 – 2024-12-31)*

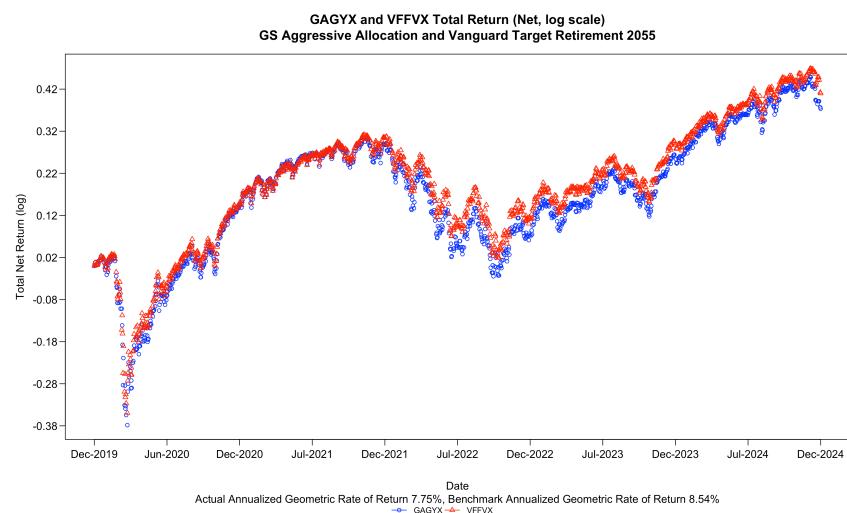
Name	CMT1M	SPY	GAGYX	VFFVX
Mean	2.574	17.010	9.652	10.249
Std Dev.	0.151	20.927	18.806	17.839
CMT1M Cor	1.000	0.008	0.010	0.008
SPY Cor	0.008	1.000	0.928	0.971
WWJD Cor	-0.003	0.826	0.865	0.894
TPIF Cor	0.008	0.851	0.886	0.916
SCJIX Cor	0.004	0.953	0.886	0.931
SNTCX Cor	-0.001	0.833	0.858	0.888
GDMYX Cor	0.001	0.942	0.908	0.933
GEQYX Cor	0.007	0.988	0.935	0.962
GIIYX Cor	0.008	0.842	0.895	0.910
GIEYX Cor	0.007	0.847	0.903	0.910
GEMYX Cor	0.007	0.700	0.757	0.773
GMTYX Cor	0.013	0.862	0.931	0.885
GMWYX Cor	0.009	0.890	0.959	0.911
GMHYX Cor	0.007	0.919	0.984	0.937
GMYYX Cor	0.007	0.930	0.992	0.946
GMGYX Cor	0.008	0.934	0.995	0.950
GCAYX Cor	0.022	0.832	0.907	0.857
GBAYX Cor	0.016	0.884	0.961	0.912
GGRYX Cor	0.013	0.921	0.994	0.944
GAGYX Cor	0.010	0.928	1.000	0.948
VUSE Cor	-0.003	0.899	0.877	0.907
MPLIX Cor	0.006	0.869	0.911	0.941
MBAPX Cor	0.008	0.954	0.938	0.972
MCONX Cor	0.019	0.812	0.812	0.840
MGAFX Cor	0.005	0.969	0.950	0.984
VEU Cor	0.006	0.870	0.904	0.938
EFA Cor	0.007	0.867	0.896	0.929
VBIAX Cor	0.012	0.973	0.922	0.972
VFIAX Cor	0.008	0.999	0.930	0.970
VTMGX Cor	0.005	0.871	0.906	0.937

Name	CMT1M	SPY	GAGYX	VFFVX
VTWNX Cor	0.005	0.879	0.864	0.930
VTTVX Cor	0.007	0.924	0.907	0.969
VTTHX Cor	0.008	0.963	0.941	0.997
VTIVX Cor	0.007	0.970	0.947	1.000
VFFVX Cor	0.008	0.971	0.948	1.000
VSCGX Cor	0.016	0.877	0.869	0.930
ACWI Cor	0.009	0.979	0.950	0.988
VIGAX Cor	0.015	0.951	0.882	0.917
Beta	0.000	1.000	0.834	0.827
Treynor	0.000	0.144	0.085	0.093
Jensen	-0.001	0.000	-4.958	-4.268

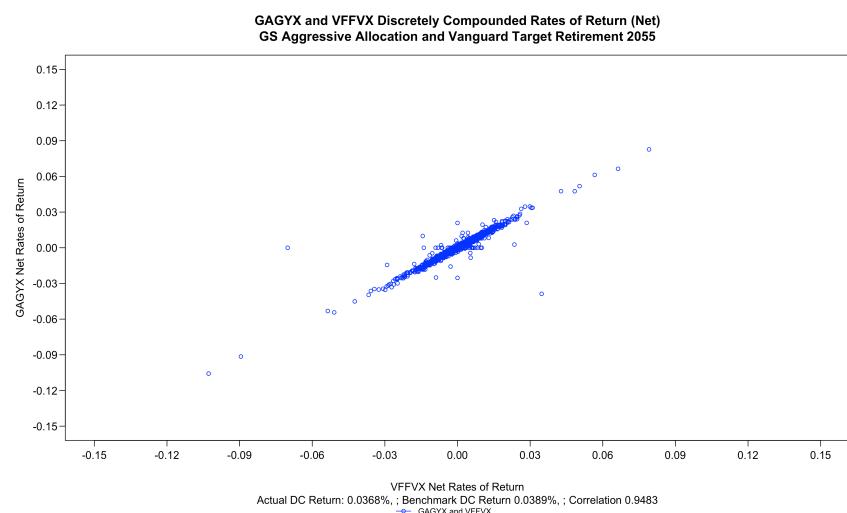
**Pair 18a. Total Return (GAGYX and VFFVX, 2019-12-31 – 2024-12-31)**



**Pair 18b. Log Total Return (GAGYX and VFFVX, 2019-12-31 – 2024-12-31)**



**Pair 18c. Rate of Return (GAGYX and VFFVX, 2019-12-31 – 2024-12-31)**



*Pair 19. Univariate Statistics (VUSE and VFIAX, 2019-12-31 – 2024-12-31)*

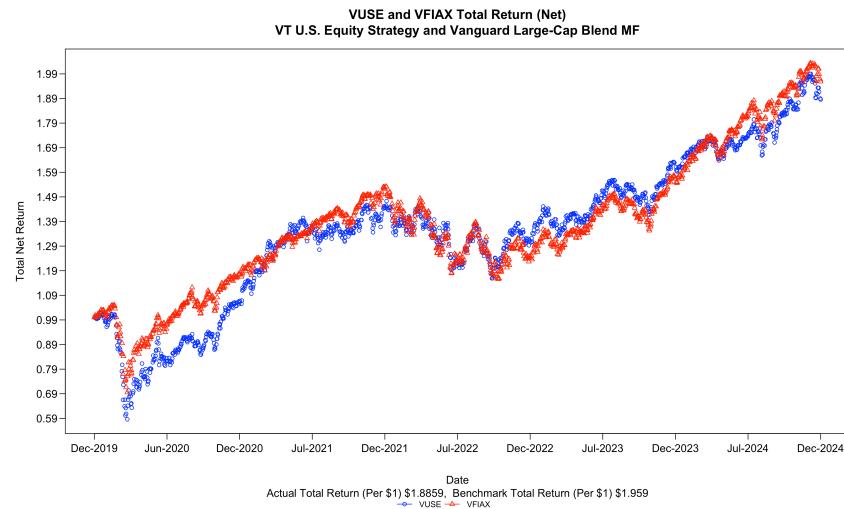
Name	CMT1M	SPY	VUSE	VFIAX
TRMax	1.136	2.030	1.990	2.033
TRMin	1.000	0.697	0.586	0.695
AMean	2.574	17.010	16.835	16.951
StdDev	0.151	20.927	24.121	21.271
Skewness	0.174	-0.549	-0.729	-0.516
Kurtosis	1.211	15.009	15.830	16.692
GMean	2.585	14.531	13.522	14.389
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.110	-0.183
SC2	0.998	0.110	0.122	0.127
SC3	0.997	-0.035	-0.055	-0.042
SC4	0.997	-0.050	-0.022	-0.052
SC5	0.996	0.052	0.028	0.059
Sharpe	0.000	0.690	0.591	0.676

*Pair 19. Multivariate Statistics (VUSE and VFIAX, 2019-12-31 – 2024-12-31)*

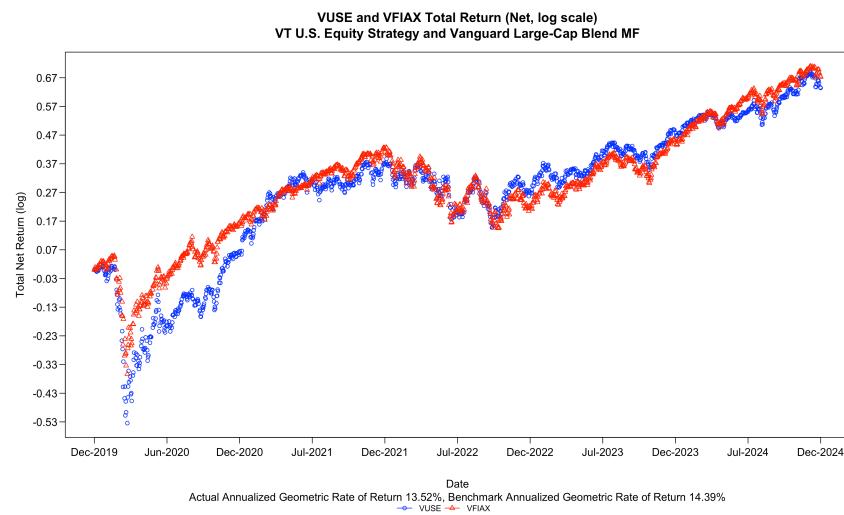
Name	CMT1M	SPY	VUSE	VFIAX
Mean	2.574	17.010	16.835	16.951
Std Dev.	0.151	20.927	24.121	21.271
CMT1M Cor	1.000	0.008	-0.003	0.008
SPY Cor	0.008	1.000	0.899	0.999
WWJD Cor	-0.003	0.826	0.839	0.825
TPIF Cor	0.008	0.851	0.828	0.850
SCJIX Cor	0.004	0.953	0.856	0.956
SNTCX Cor	-0.001	0.833	0.817	0.832
GDMYX Cor	0.001	0.942	0.882	0.944
GEQYX Cor	0.007	0.988	0.891	0.989
GIIYX Cor	0.008	0.842	0.814	0.841
GIEYX Cor	0.007	0.847	0.822	0.846
GEMYX Cor	0.007	0.700	0.652	0.699
GMTYX Cor	0.013	0.862	0.806	0.864
GMWYX Cor	0.009	0.890	0.838	0.893
GMHYX Cor	0.007	0.919	0.864	0.922
GMYYX Cor	0.007	0.930	0.873	0.933
GMGYX Cor	0.008	0.934	0.877	0.937
GCAYX Cor	0.022	0.832	0.782	0.834
GBAYX Cor	0.016	0.884	0.836	0.885
GGRYX Cor	0.013	0.921	0.872	0.923
GAGYX Cor	0.010	0.928	0.877	0.930
VUSE Cor	-0.003	0.899	1.000	0.900
MPLIX Cor	0.006	0.869	0.835	0.868
MBAPX Cor	0.008	0.954	0.909	0.953
MCONX Cor	0.019	0.812	0.748	0.810
MGAFX Cor	0.005	0.969	0.932	0.969
VEU Cor	0.006	0.870	0.840	0.869
EFA Cor	0.007	0.867	0.843	0.866
VBIAX Cor	0.012	0.973	0.889	0.972
VFIAX Cor	0.008	0.999	0.900	1.000
VTMGX Cor	0.005	0.871	0.849	0.870

Name	CMT1M	SPY	VUSE	VFIAX
VTWNX Cor	0.005	0.879	0.821	0.878
VTTVX Cor	0.007	0.924	0.862	0.923
VTTHX Cor	0.008	0.963	0.899	0.962
VTIVX Cor	0.007	0.970	0.908	0.970
VFFVX Cor	0.008	0.971	0.907	0.970
VSCGX Cor	0.016	0.877	0.811	0.875
ACWI Cor	0.009	0.979	0.901	0.978
VIGAX Cor	0.015	0.951	0.786	0.951
Beta	0.000	1.000	1.036	1.015
Treynor	0.000	0.144	0.138	0.142
Jensen	-0.001	0.000	-0.692	-0.279

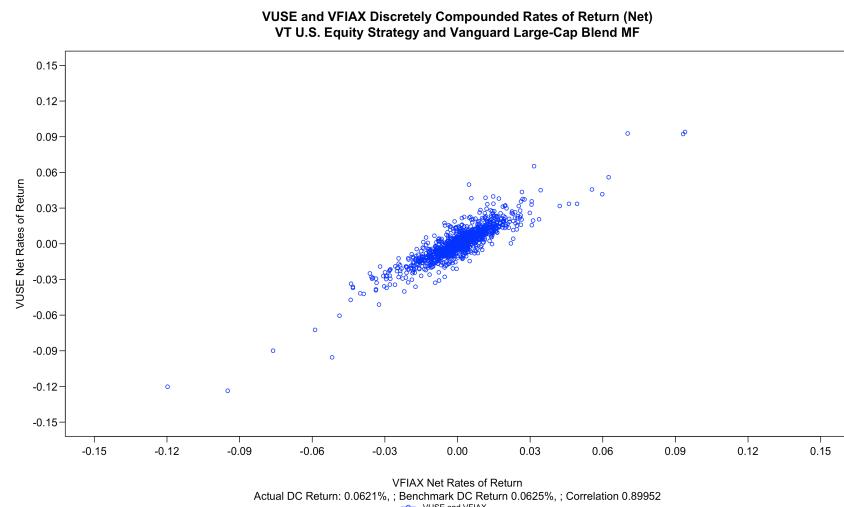
**Pair 19a. Total Return (VUSE and VFIAZ, 2019-12-31 – 2024-12-31)**



**Pair 19b. Log Total Return (VUSE and VFIAZ, 2019-12-31 – 2024-12-31)**



**Pair 19c. Rate of Return (VUSE and VFIAZ, 2019-12-31 – 2024-12-31)**



*Pair 20. Univariate Statistics (MPLIX and ACWI, 2019-12-31 – 2024-12-31)*

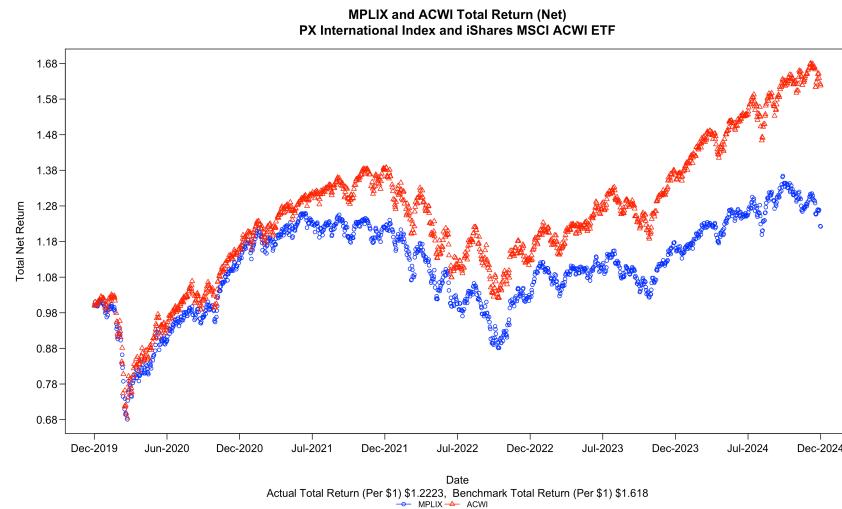
Name	CMT1M	SPY	MPLIX	ACWI
TRMax	1.136	2.030	1.364	1.681
TRMin	1.000	0.697	0.681	0.686
AMean	2.574	17.010	5.955	12.280
StdDev	0.151	20.927	18.851	19.951
Skewness	0.174	-0.549	-0.836	-0.818
Kurtosis	1.211	15.009	14.832	16.425
GMean	2.585	14.531	4.095	10.098
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.110	-0.151
SC2	0.998	0.110	0.126	0.131
SC3	0.997	-0.035	-0.018	-0.036
SC4	0.997	-0.050	-0.014	-0.035
SC5	0.996	0.052	0.072	0.068
Sharpe	0.000	0.690	0.179	0.486

*Pair 20. Multivariate Statistics (MPLIX and ACWI, 2019-12-31 – 2024-12-31)*

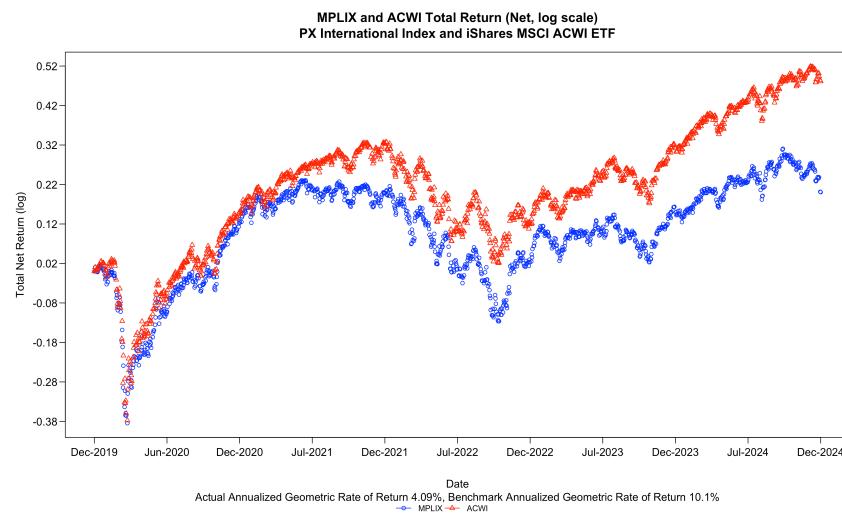
Name	CMT1M	SPY	MPLIX	ACWI
Mean	2.574	17.010	5.955	12.280
Std Dev.	0.151	20.927	18.851	19.951
CMT1M Cor	1.000	0.008	0.006	0.009
SPY Cor	0.008	1.000	0.869	0.979
WWJD Cor	-0.003	0.826	0.937	0.900
TPIF Cor	0.008	0.851	0.956	0.922
SCJIX Cor	0.004	0.953	0.842	0.938
SNTCX Cor	-0.001	0.833	0.918	0.892
GDMYX Cor	0.001	0.942	0.845	0.934
GEQYX Cor	0.007	0.988	0.863	0.968
GIYX Cor	0.008	0.842	0.957	0.912
GIEYX Cor	0.007	0.847	0.949	0.912
GEMYX Cor	0.007	0.700	0.836	0.774
GMTYX Cor	0.013	0.862	0.839	0.879
GMWYX Cor	0.009	0.890	0.863	0.907
GMHYX Cor	0.007	0.919	0.890	0.936
GMYYX Cor	0.007	0.930	0.900	0.947
GMGYX Cor	0.008	0.934	0.904	0.951
GCAYX Cor	0.022	0.832	0.818	0.852
GBAYX Cor	0.016	0.884	0.874	0.907
GGRYX Cor	0.013	0.921	0.907	0.944
GAGYX Cor	0.010	0.928	0.911	0.950
VUSE Cor	-0.003	0.899	0.835	0.901
MPLIX Cor	0.006	0.869	1.000	0.942
MBAPX Cor	0.008	0.954	0.920	0.968
MCONX Cor	0.019	0.812	0.799	0.830
MGAFX Cor	0.005	0.969	0.931	0.983
VEU Cor	0.006	0.870	0.984	0.947
EFA Cor	0.007	0.867	0.965	0.937
VBIAX Cor	0.012	0.973	0.873	0.962
VFIAX Cor	0.008	0.999	0.868	0.978
VTMGX Cor	0.005	0.871	0.976	0.939

Name	CMT1M	SPY	MPLIX	ACWI
VTWNX Cor	0.005	0.879	0.880	0.898
VTTVX Cor	0.007	0.924	0.914	0.943
VTTHX Cor	0.008	0.963	0.939	0.981
VTIVX Cor	0.007	0.970	0.940	0.988
VFFVX Cor	0.008	0.971	0.941	0.988
VSCGX Cor	0.016	0.877	0.878	0.899
ACWI Cor	0.009	0.979	0.942	1.000
VIGAX Cor	0.015	0.951	0.810	0.927
Beta	0.000	1.000	0.783	0.933
Treynor	0.000	0.144	0.043	0.104
Jensen	-0.001	0.000	-7.920	-3.766

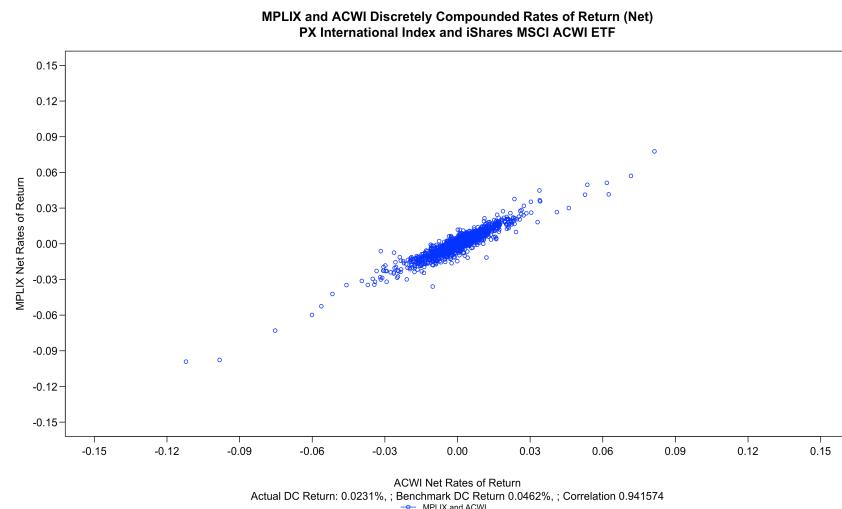
**Pair 20a. Total Return (MPLIX and ACWI, 2019-12-31 – 2024-12-31)**



**Pair 20b. Log Total Return (MPLIX and ACWI, 2019-12-31 – 2024-12-31)**



**Pair 20c. Rate of Return (MPLIX and ACWI, 2019-12-31 – 2024-12-31)**



*Pair 21. Univariate Statistics (MBAPX and VBIAX, 2019-12-31 – 2024-12-31)*

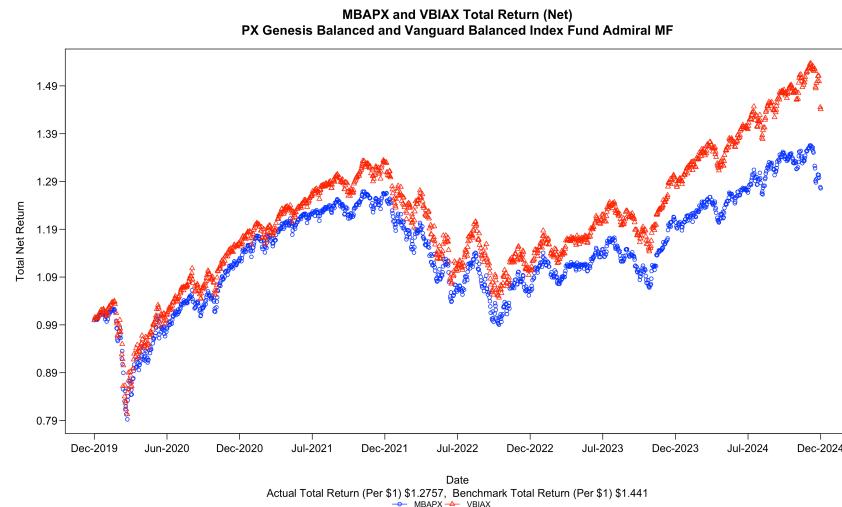
Name	CMT1M	SPY	MBAPX	VBIAX
TRMax	1.136	2.030	1.365	1.537
TRMin	1.000	0.697	0.792	0.803
AMean	2.574	17.010	5.814	8.530
StdDev	0.151	20.927	12.658	13.488
Skewness	0.174	-0.549	-0.732	-0.713
Kurtosis	1.211	15.009	13.991	14.600
GMean	2.585	14.531	4.988	7.578
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.104	-0.112
SC2	0.998	0.110	0.147	0.126
SC3	0.997	-0.035	-0.018	-0.017
SC4	0.997	-0.050	-0.024	-0.037
SC5	0.996	0.052	0.054	0.044
Sharpe	0.000	0.690	0.256	0.442

*Pair 21. Multivariate Statistics (MBAPX and VBIAX, 2019-12-31 – 2024-12-31)*

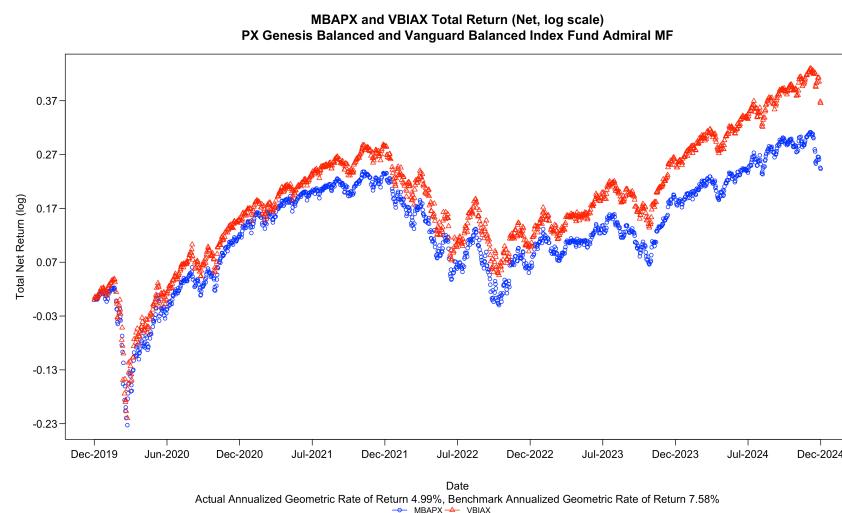
Name	CMT1M	SPY	MBAPX	VBIAX
Mean	2.574	17.010	5.814	8.530
Std Dev.	0.151	20.927	12.658	13.488
CMT1M Cor	1.000	0.008	0.008	0.012
SPY Cor	0.008	1.000	0.954	0.973
WWJD Cor	-0.003	0.826	0.887	0.825
TPIF Cor	0.008	0.851	0.901	0.849
SCJIX Cor	0.004	0.953	0.908	0.926
SNTCX Cor	-0.001	0.833	0.867	0.825
GDMYX Cor	0.001	0.942	0.927	0.932
GEQYX Cor	0.007	0.988	0.946	0.965
GIIYX Cor	0.008	0.842	0.897	0.839
GIEYX Cor	0.007	0.847	0.893	0.842
GEMYX Cor	0.007	0.700	0.735	0.692
GMTYX Cor	0.013	0.862	0.920	0.904
GMWYX Cor	0.009	0.890	0.931	0.917
GMHYX Cor	0.007	0.919	0.943	0.930
GMYYX Cor	0.007	0.930	0.943	0.931
GMGYX Cor	0.008	0.934	0.944	0.932
GCAYX Cor	0.022	0.832	0.894	0.875
GBAYX Cor	0.016	0.884	0.939	0.920
GGRYX Cor	0.013	0.921	0.948	0.929
GAGYX Cor	0.010	0.928	0.938	0.922
VUSE Cor	-0.003	0.899	0.909	0.889
MPLIX Cor	0.006	0.869	0.920	0.873
MBAPX Cor	0.008	0.954	1.000	0.977
MCONX Cor	0.019	0.812	0.923	0.893
MGAFX Cor	0.005	0.969	0.992	0.974
VEU Cor	0.006	0.870	0.915	0.865
EFA Cor	0.007	0.867	0.911	0.861
VBIAX Cor	0.012	0.973	0.977	1.000
VFIAX Cor	0.008	0.999	0.953	0.972
VTMGX Cor	0.005	0.871	0.919	0.868

Name	CMT1M	SPY	MBAPX	VBIAX
VTWNX Cor	0.005	0.879	0.927	0.943
VTTVX Cor	0.007	0.924	0.957	0.968
VTTHX Cor	0.008	0.963	0.977	0.978
VTIVX Cor	0.007	0.970	0.973	0.972
VFFVX Cor	0.008	0.971	0.972	0.972
VSCGX Cor	0.016	0.877	0.943	0.951
ACWI Cor	0.009	0.979	0.968	0.962
VIGAX Cor	0.015	0.951	0.892	0.935
Beta	0.000	1.000	0.577	0.627
Treynor	0.000	0.144	0.056	0.095
Jensen	-0.001	0.000	-5.088	-3.093

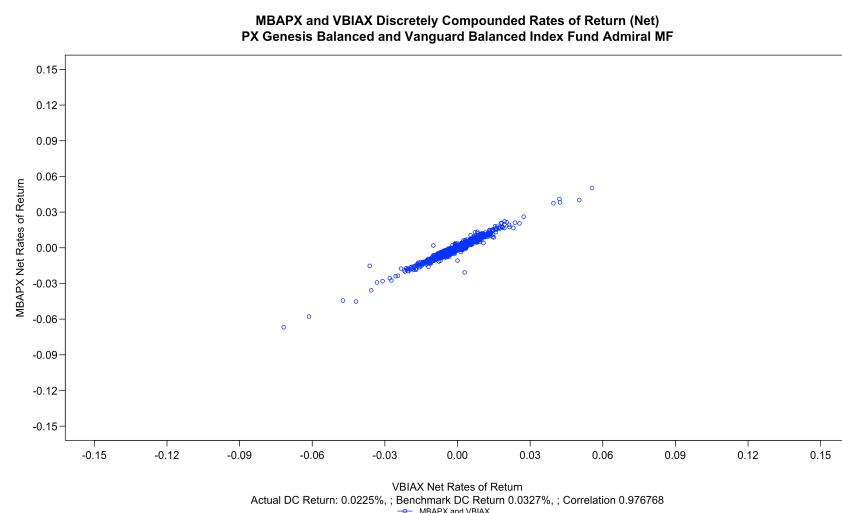
**Pair 21a. Total Return (MBAPX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 21b. Log Total Return (MBAPX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 21c. Rate of Return (MBAPX and VBIAX, 2019-12-31 – 2024-12-31)**



*Pair 22. Univariate Statistics (MCONX and VSCGX, 2019-12-31 – 2024-12-31)*

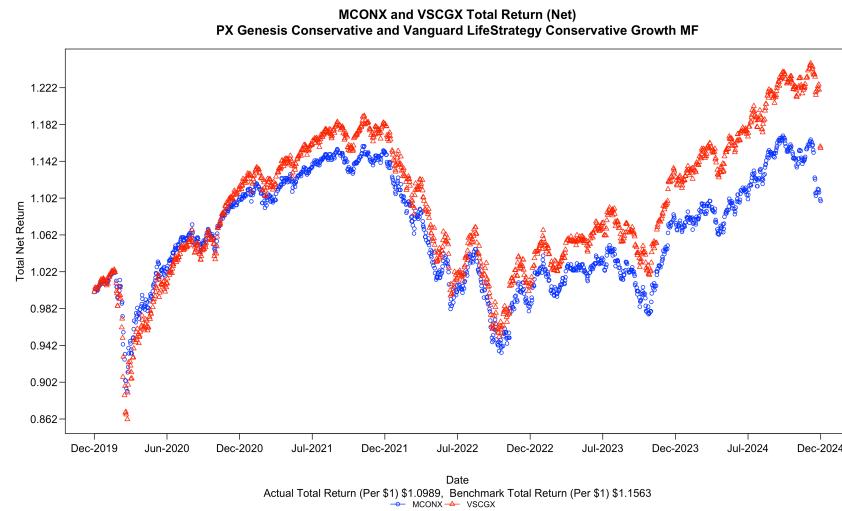
Name	CMT1M	SPY	MCONX	VSCGX
TRMax	1.136	2.030	1.170	1.249
TRMin	1.000	0.697	0.892	0.862
AMean	2.574	17.010	2.186	3.356
StdDev	0.151	20.927	7.552	9.026
Skewness	0.174	-0.549	-0.577	-1.359
Kurtosis	1.211	15.009	10.425	18.082
GMean	2.585	14.531	1.903	2.946
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.005	-0.030
SC2	0.998	0.110	0.122	0.128
SC3	0.997	-0.035	0.031	0.026
SC4	0.997	-0.050	0.021	-0.012
SC5	0.996	0.052	0.030	0.045
Sharpe	0.000	0.690	-0.051	0.087

*Pair 22. Multivariate Statistics (MCONX and VSCGX, 2019-12-31 – 2024-12-31)*

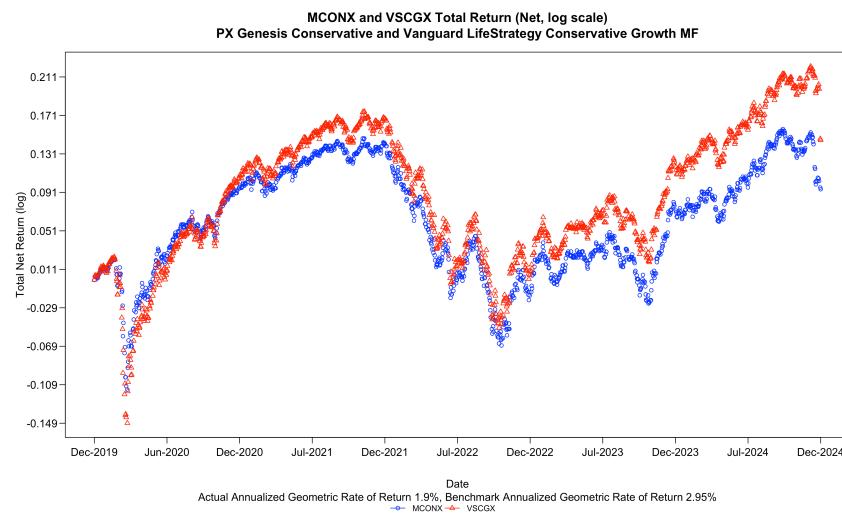
Name	CMT1M	SPY	MCONX	VSCGX
Mean	2.574	17.010	2.186	3.356
Std Dev.	0.151	20.927	7.552	9.026
CMT1M Cor	1.000	0.008	0.019	0.016
SPY Cor	0.008	1.000	0.812	0.877
WWJD Cor	-0.003	0.826	0.765	0.821
TPIF Cor	0.008	0.851	0.786	0.844
SCJIX Cor	0.004	0.953	0.767	0.837
SNTCX Cor	-0.001	0.833	0.737	0.805
GDMYX Cor	0.001	0.942	0.802	0.859
GEQYX Cor	0.007	0.988	0.806	0.873
GIIYX Cor	0.008	0.842	0.790	0.842
GIEYX Cor	0.007	0.847	0.778	0.838
GEMYX Cor	0.007	0.700	0.627	0.702
GMTYX Cor	0.013	0.862	0.900	0.897
GMWYX Cor	0.009	0.890	0.875	0.893
GMHYX Cor	0.007	0.919	0.853	0.889
GMYYX Cor	0.007	0.930	0.833	0.881
GMGYX Cor	0.008	0.934	0.827	0.879
GCAYX Cor	0.022	0.832	0.877	0.870
GBAYX Cor	0.016	0.884	0.897	0.906
GGRYX Cor	0.013	0.921	0.848	0.889
GAGYX Cor	0.010	0.928	0.812	0.869
VUSE Cor	-0.003	0.899	0.748	0.811
MPLIX Cor	0.006	0.869	0.799	0.878
MBAPX Cor	0.008	0.954	0.923	0.943
MCONX Cor	0.019	0.812	1.000	0.925
MGAFX Cor	0.005	0.969	0.872	0.920
VEU Cor	0.006	0.870	0.790	0.859
EFA Cor	0.007	0.867	0.789	0.852
VBIAX Cor	0.012	0.973	0.893	0.951
VFIAX Cor	0.008	0.999	0.810	0.875
VTMGX Cor	0.005	0.871	0.800	0.863

Name	CMT1M	SPY	MCONX	VSCGX
VTWNX Cor	0.005	0.879	0.869	0.983
VTTVX Cor	0.007	0.924	0.876	0.982
VTTHX Cor	0.008	0.963	0.867	0.953
VTIVX Cor	0.007	0.970	0.842	0.932
VFFVX Cor	0.008	0.971	0.840	0.930
VSCGX Cor	0.016	0.877	0.925	1.000
ACWI Cor	0.009	0.979	0.830	0.899
VIGAX Cor	0.015	0.951	0.779	0.841
Beta	0.000	1.000	0.293	0.378
Treynor	0.000	0.144	-0.013	0.021
Jensen	-0.001	0.000	-4.621	-4.682

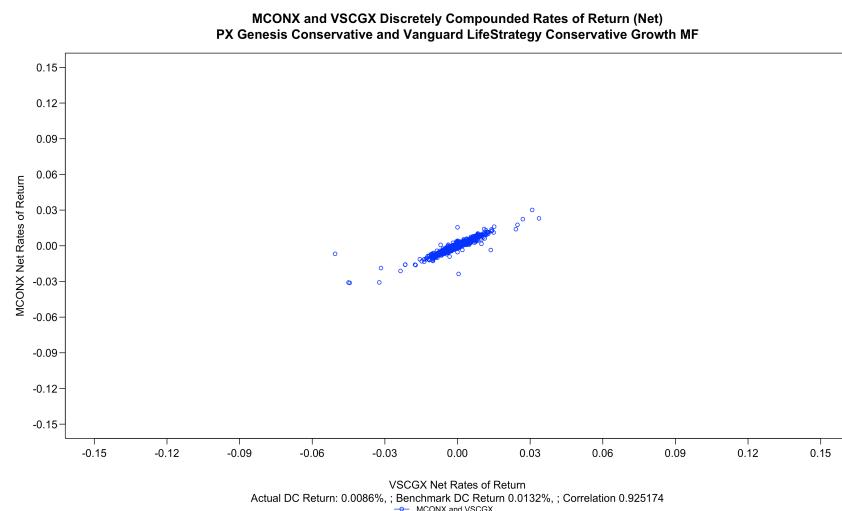
**Pair 22a. Total Return (MCONX and VSCGX, 2019-12-31 – 2024-12-31)**



**Pair 22b. Log Total Return (MCONX and VSCGX, 2019-12-31 – 2024-12-31)**



**Pair 22c. Rate of Return (MCONX and VSCGX, 2019-12-31 – 2024-12-31)**



*Pair 23. Univariate Statistics (MGAFX and VIGAX, 2019-12-31 – 2024-12-31)*

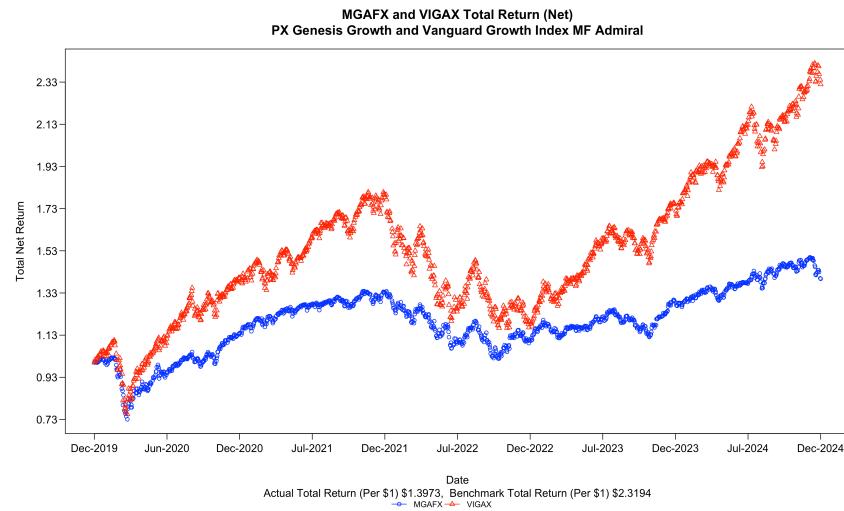
Name	CMT1M	SPY	MGAFX	VIGAX
TRMax	1.136	2.030	1.499	2.419
TRMin	1.000	0.697	0.731	0.755
AMean	2.574	17.010	8.358	22.108
StdDev	0.151	20.927	16.497	25.357
Skewness	0.174	-0.549	-0.738	-0.394
Kurtosis	1.211	15.009	15.193	10.329
GMean	2.585	14.531	6.917	18.316
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.135	-0.142
SC2	0.998	0.110	0.146	0.082
SC3	0.997	-0.035	-0.035	-0.040
SC4	0.997	-0.050	-0.038	-0.020
SC5	0.996	0.052	0.063	0.030
Sharpe	0.000	0.690	0.351	0.770

*Pair 23. Multivariate Statistics (MGAFX and VIGAX, 2019-12-31 – 2024-12-31)*

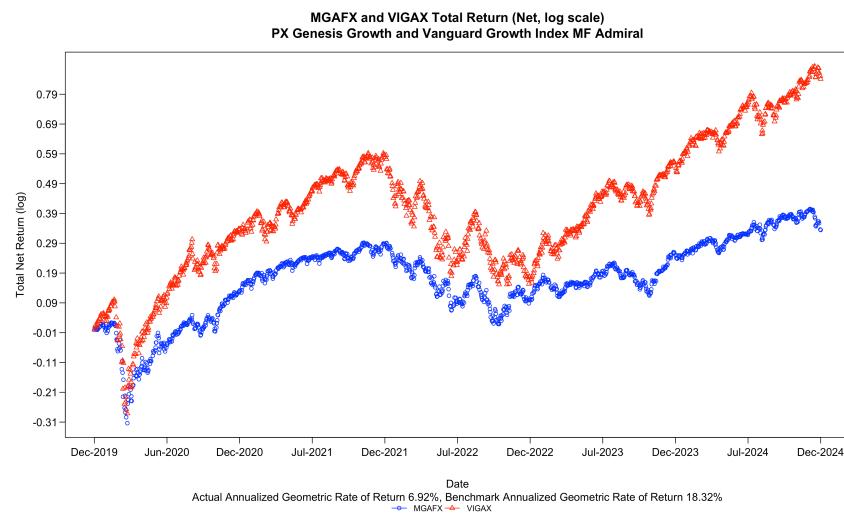
Name	CMT1M	SPY	MGAFX	VIGAX
Mean	2.574	17.010	8.358	22.108
Std Dev.	0.151	20.927	16.497	25.357
CMT1M Cor	1.000	0.008	0.005	0.015
SPY Cor	0.008	1.000	0.969	0.951
WWJD Cor	-0.003	0.826	0.898	0.737
TPIF Cor	0.008	0.851	0.910	0.775
SCJIX Cor	0.004	0.953	0.926	0.901
SNTCX Cor	-0.001	0.833	0.881	0.763
GDMYX Cor	0.001	0.942	0.938	0.871
GEQYX Cor	0.007	0.988	0.962	0.942
GIIYX Cor	0.008	0.842	0.904	0.767
GIEYX Cor	0.007	0.847	0.903	0.776
GEMYX Cor	0.007	0.700	0.747	0.668
GMTYX Cor	0.013	0.862	0.899	0.820
GMWYX Cor	0.009	0.890	0.921	0.843
GMHYX Cor	0.007	0.919	0.943	0.869
GMYYX Cor	0.007	0.930	0.950	0.881
GMGYX Cor	0.008	0.934	0.952	0.884
GCAYX Cor	0.022	0.832	0.872	0.794
GBAYX Cor	0.016	0.884	0.924	0.842
GGRYX Cor	0.013	0.921	0.950	0.874
GAGYX Cor	0.010	0.928	0.950	0.882
VUSE Cor	-0.003	0.899	0.932	0.786
MPLIX Cor	0.006	0.869	0.931	0.810
MBAPX Cor	0.008	0.954	0.992	0.892
MCONX Cor	0.019	0.812	0.872	0.779
MGAFX Cor	0.005	0.969	1.000	0.900
VEU Cor	0.006	0.870	0.927	0.801
EFA Cor	0.007	0.867	0.923	0.788
VBIAX Cor	0.012	0.973	0.974	0.935
VFIAX Cor	0.008	0.999	0.969	0.951
VTMGX Cor	0.005	0.871	0.929	0.793

Name	CMT1M	SPY	MGAFX	VIGAX
VTWNX Cor	0.005	0.879	0.917	0.831
VTTVX Cor	0.007	0.924	0.954	0.874
VTTHX Cor	0.008	0.963	0.983	0.909
VTIVX Cor	0.007	0.970	0.984	0.915
VFFVX Cor	0.008	0.971	0.984	0.917
VSCGX Cor	0.016	0.877	0.920	0.841
ACWI Cor	0.009	0.979	0.983	0.927
VIGAX Cor	0.015	0.951	0.900	1.000
Beta	0.000	1.000	0.764	1.153
Treynor	0.000	0.144	0.076	0.169
Jensen	-0.001	0.000	-5.247	2.893

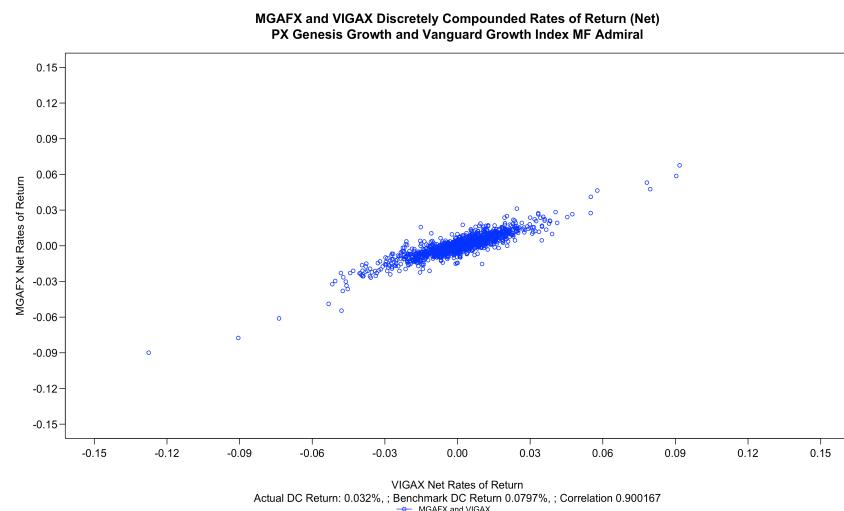
**Pair 23a. Total Return (MGAFX and VIGAX, 2019-12-31 – 2024-12-31)**



**Pair 23b. Log Total Return (MGAFX and VIGAX, 2019-12-31 – 2024-12-31)**



**Pair 23c. Rate of Return (MGAFX and VIGAX, 2019-12-31 – 2024-12-31)**



## Large Cap, Growth

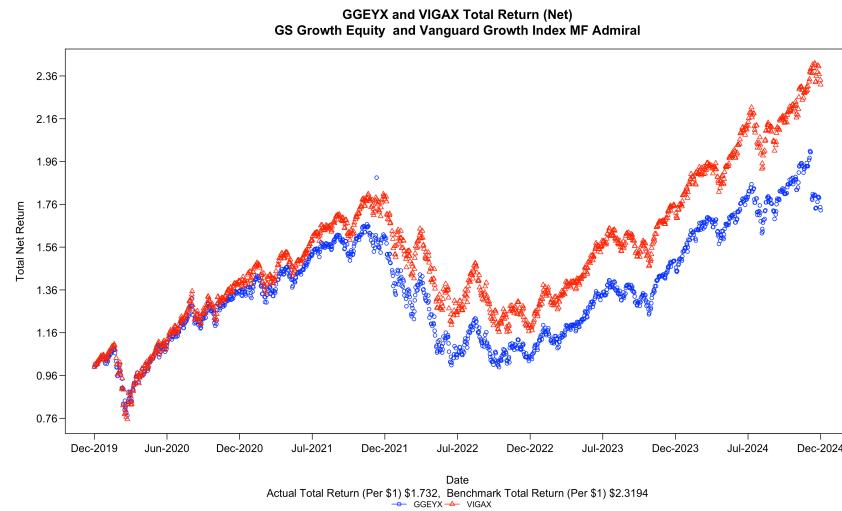
*Pair 1. Univariate Statistics (GGEYX and VIGAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	GGEYX	VIGAX
TRMax	1.136	2.030	2.009	2.419
TRMin	1.000	0.697	0.774	0.755
AMean	2.574	17.010	15.654	22.108
StdDev	0.151	20.927	26.828	25.357
Skewness	0.174	-0.549	-0.124	-0.394
Kurtosis	1.211	15.009	23.956	10.329
GMean	2.585	14.531	11.607	18.316
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.176	-0.142
SC2	0.998	0.110	0.053	0.082
SC3	0.997	-0.035	-0.015	-0.040
SC4	0.997	-0.050	-0.034	-0.020
SC5	0.996	0.052	0.007	0.030
Sharpe	0.000	0.690	0.488	0.770

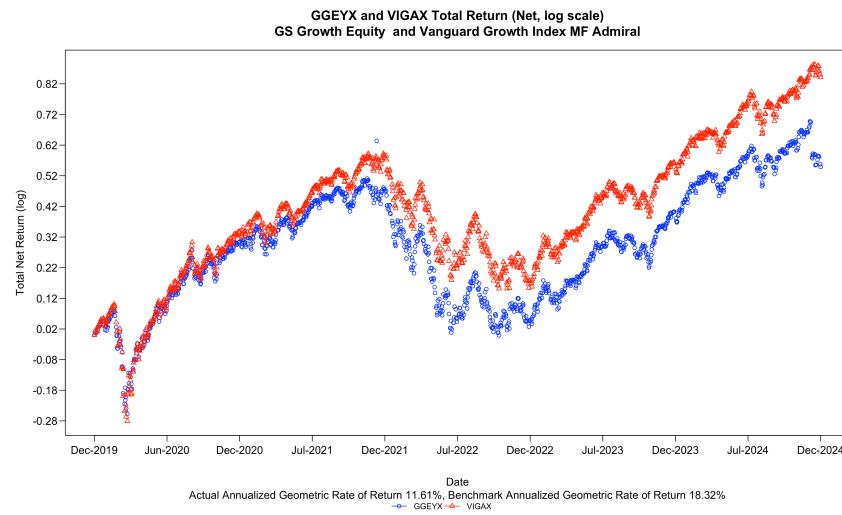
*Pair 1. Multivariate Statistics (GGEYX and VIGAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	GGEYX	VIGAX
Mean	2.574	17.010	15.654	22.108
Std Dev.	0.151	20.927	26.828	25.357
CMT1M Cor	1.000	0.008	0.015	0.015
SPY Cor	0.008	1.000	0.852	0.951
GGEYX Cor	0.015	0.852	1.000	0.892
MMDEX Cor	0.009	0.965	0.885	0.990
AVEWX Cor	0.008	0.940	0.773	0.855
VIGAX Cor	0.015	0.951	0.892	1.000
ACWI Cor	0.009	0.979	0.832	0.927
Beta	0.000	1.000	1.092	1.153
Treynor	0.000	0.144	0.120	0.169
Jensen	-0.001	0.000	-2.685	2.893

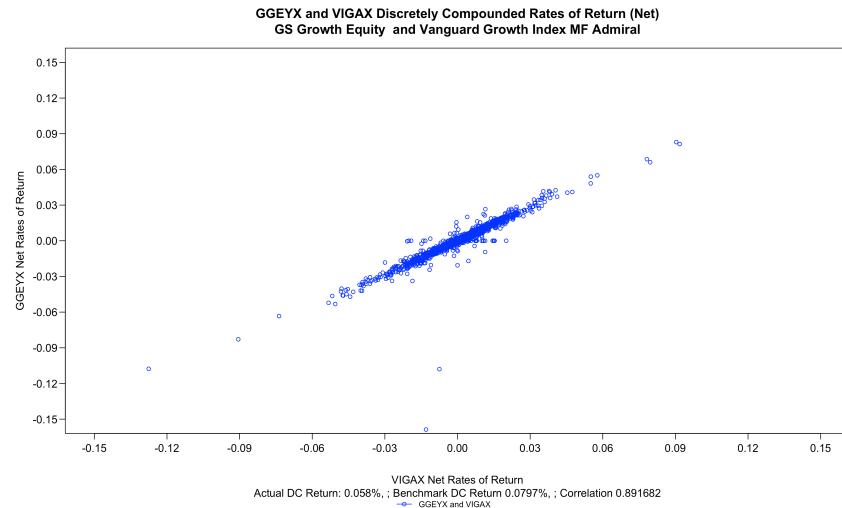
### **Pair 1a. Total Return (GGEYX and VIGAX, 2019-12-31 – 2024-12-31)**



### **Pair 1b. Log Total Return (GGEYX and VIGAX, 2019-12-31 – 2024-12-31)**



### **Pair 1c. Rate of Return (GGEYX and VIGAX, 2019-12-31 – 2024-12-31)**



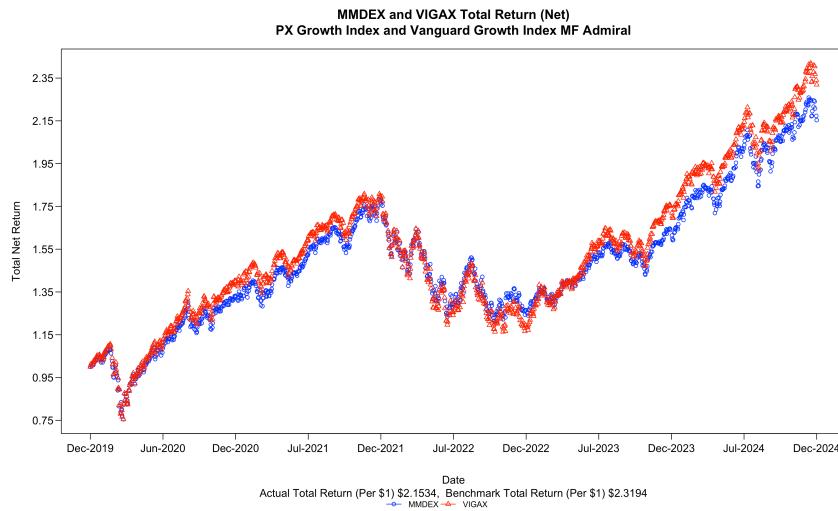
*Pair 2. Univariate Statistics (MMDEX and VIGAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	MMDEX	VIGAX
TRMax	1.136	2.030	2.259	2.419
TRMin	1.000	0.697	0.754	0.755
AMean	2.574	17.010	19.850	22.108
StdDev	0.151	20.927	23.797	25.357
Skewness	0.174	-0.549	-0.300	-0.394
Kurtosis	1.211	15.009	11.312	10.329
GMean	2.585	14.531	16.573	18.316
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.163	-0.142
SC2	0.998	0.110	0.087	0.082
SC3	0.997	-0.035	-0.045	-0.040
SC4	0.997	-0.050	-0.023	-0.020
SC5	0.996	0.052	0.041	0.030
Sharpe	0.000	0.690	0.726	0.770

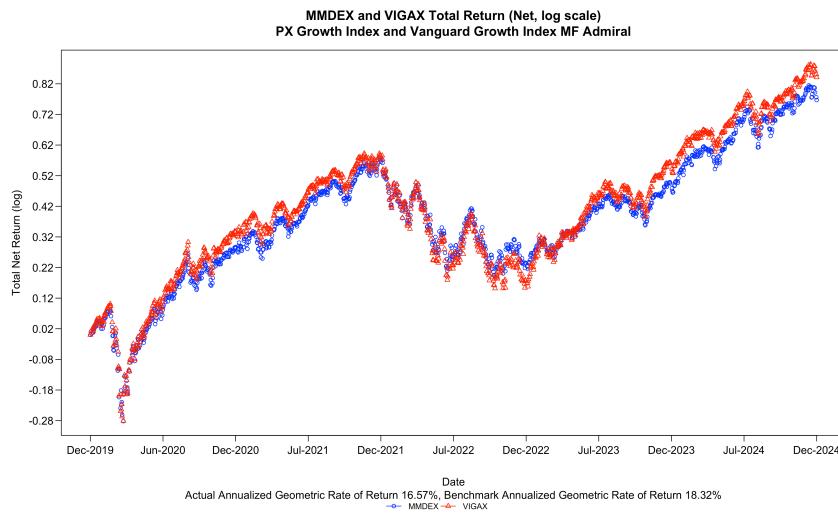
*Pair 2. Multivariate Statistics (MMDEX and VIGAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	MMDEX	VIGAX
Mean	2.574	17.010	19.850	22.108
Std Dev.	0.151	20.927	23.797	25.357
CMT1M Cor	1.000	0.008	0.009	0.015
SPY Cor	0.008	1.000	0.965	0.951
GGEYX Cor	0.015	0.852	0.885	0.892
MMDEX Cor	0.009	0.965	1.000	0.990
AVEWX Cor	0.008	0.940	0.872	0.855
VIGAX Cor	0.015	0.951	0.990	1.000
ACWI Cor	0.009	0.979	0.938	0.927
Beta	0.000	1.000	1.098	1.153
Treynor	0.000	0.144	0.157	0.169
Jensen	-0.001	0.000	1.428	2.893

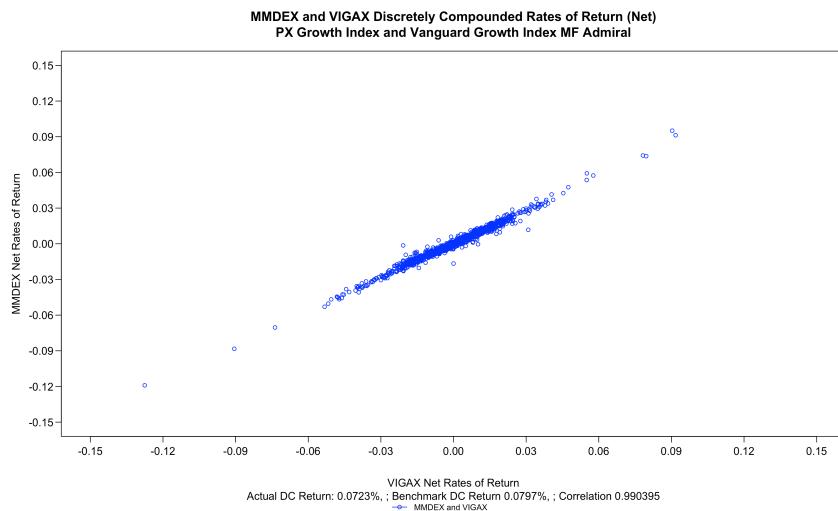
### **Pair 2a. Total Return (MMDEX and VIGAX, 2019-12-31 – 2024-12-31)**



### **Pair 2b. Log Total Return (MMDEX and VIGAX, 2019-12-31 – 2024-12-31)**



### **Pair 2c. Rate of Return (MMDEX and VIGAX, 2019-12-31 – 2024-12-31)**



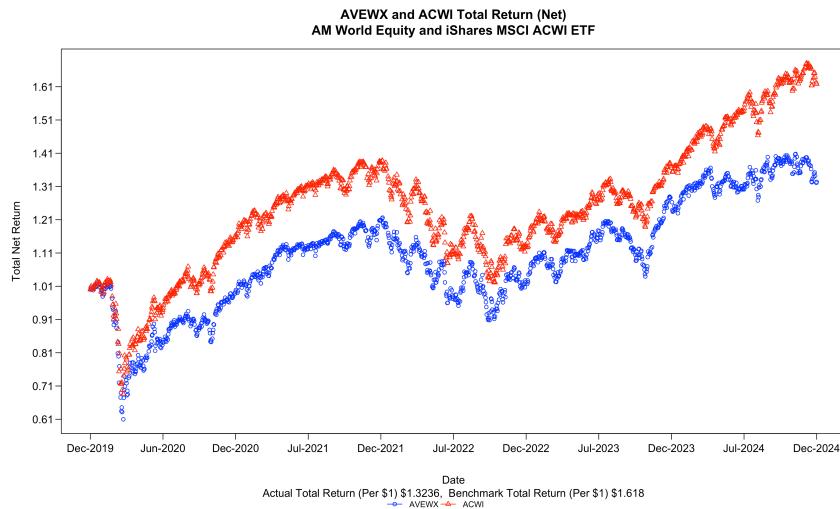
*Pair 3. Univariate Statistics (AVEWX and ACWI, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	AVEWX	ACWI
TRMax	1.136	2.030	1.408	1.681
TRMin	1.000	0.697	0.610	0.686
AMean	2.574	17.010	8.204	12.280
StdDev	0.151	20.927	21.389	19.951
Skewness	0.174	-0.549	-0.761	-0.818
Kurtosis	1.211	15.009	17.943	16.425
GMean	2.585	14.531	5.765	10.098
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.090	-0.151
SC2	0.998	0.110	0.138	0.131
SC3	0.997	-0.035	-0.023	-0.036
SC4	0.997	-0.050	-0.039	-0.035
SC5	0.996	0.052	0.058	0.068
Sharpe	0.000	0.690	0.263	0.486

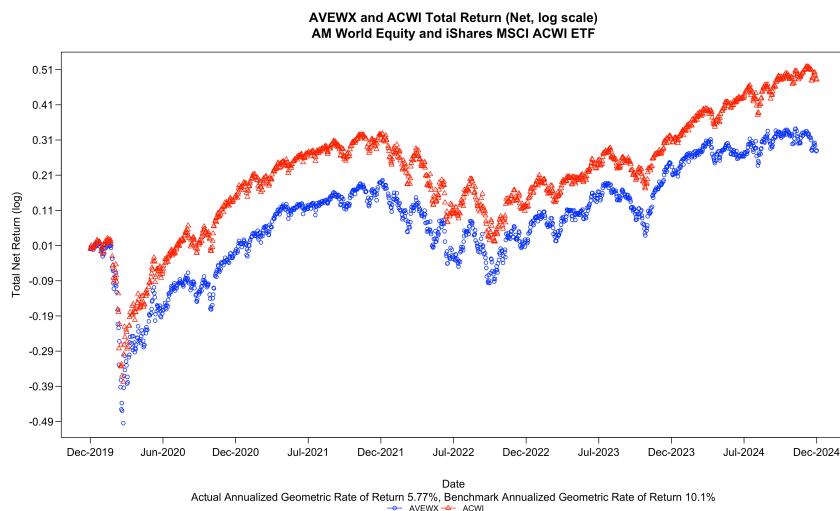
*Pair 3. Multivariate Statistics (AVEWX and ACWI, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	AVEWX	ACWI
Mean	2.574	17.010	8.204	12.280
Std Dev.	0.151	20.927	21.389	19.951
CMT1M Cor	1.000	0.008	0.008	0.009
SPY Cor	0.008	1.000	0.940	0.979
GGEYX Cor	0.015	0.852	0.773	0.832
MMDEX Cor	0.009	0.965	0.872	0.938
AVEWX Cor	0.008	0.940	1.000	0.956
VIGAX Cor	0.015	0.951	0.855	0.927
ACWI Cor	0.009	0.979	0.956	1.000
Beta	0.000	1.000	0.961	0.933
Treynor	0.000	0.144	0.059	0.104
Jensen	-0.001	0.000	-8.240	-3.766

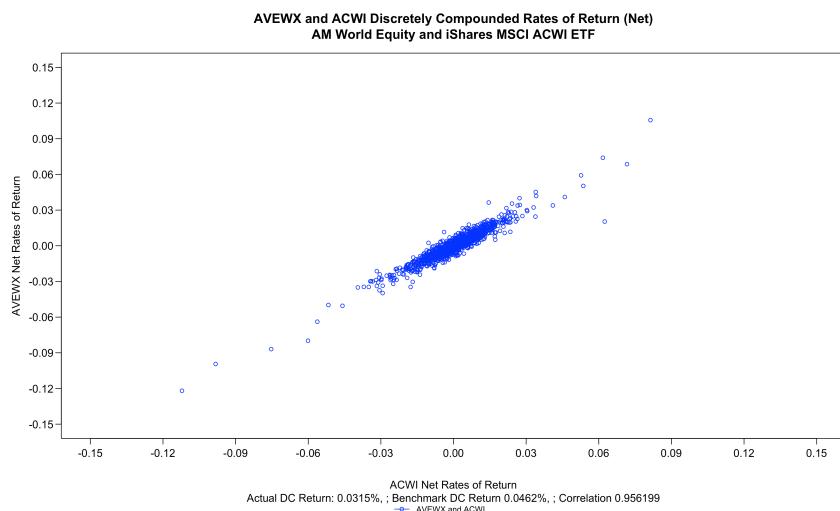
### **Pair 3a. Total Return (AVEWX and ACWI, 2019-12-31 – 2024-12-31)**



### **Pair 3b. Log Total Return (AVEWX and ACWI, 2019-12-31 – 2024-12-31)**



### **Pair 3c. Rate of Return (AVEWX and ACWI, 2019-12-31 – 2024-12-31)**



## Mid Cap, Value

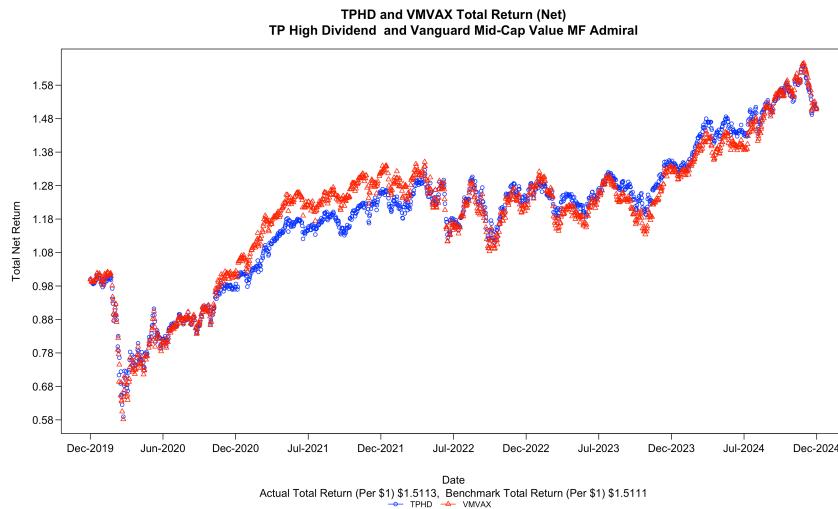
*Pair 1. Univariate Statistics (TPHD and VMVAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	TPHD	VMVAX
TRMax	1.136	2.030	1.638	1.645
TRMin	1.000	0.697	0.590	0.582
AMean	2.574	17.010	11.123	11.483
StdDev	0.151	20.927	21.524	22.958
Skewness	0.174	-0.549	-0.407	-0.600
Kurtosis	1.211	15.009	19.585	17.453
GMean	2.585	14.531	8.607	8.604
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.102	-0.087
SC2	0.998	0.110	0.140	0.136
SC3	0.997	-0.035	-0.049	-0.043
SC4	0.997	-0.050	-0.083	-0.067
SC5	0.996	0.052	0.054	0.047
Sharpe	0.000	0.690	0.397	0.388

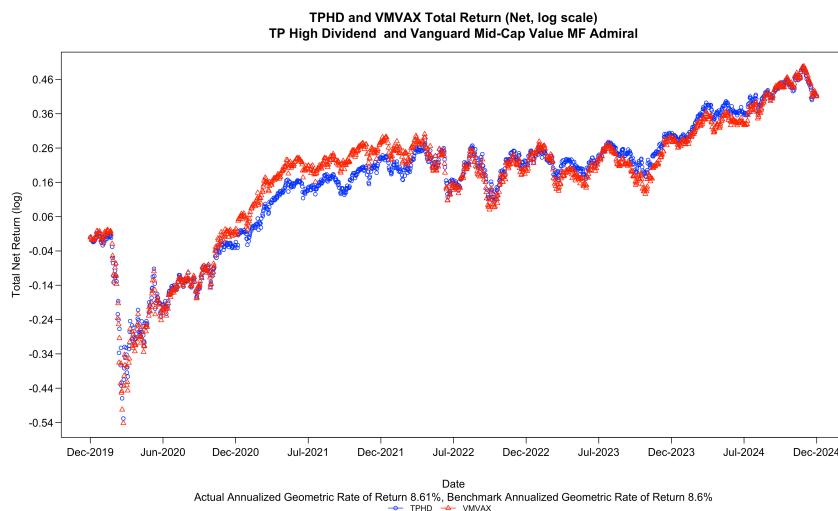
*Pair 1. Multivariate Statistics (TPHD and VMVAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	TPHD	VMVAX
Mean	2.574	17.010	11.123	11.483
Std Dev.	0.151	20.927	21.524	22.958
CMT1M Cor	1.000	0.008	-0.006	-0.005
SPY Cor	0.008	1.000	0.863	0.894
TPHD Cor	-0.006	0.863	1.000	0.971
VMVAX Cor	-0.005	0.894	0.971	1.000
Beta	0.000	1.000	0.887	0.981
Treynor	0.000	0.144	0.096	0.091
Jensen	-0.001	0.000	-4.258	-5.247

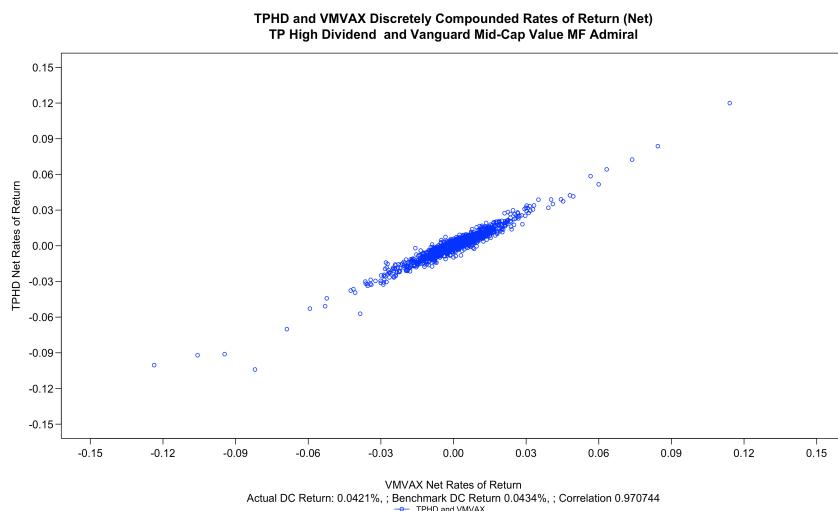
### **Pair 1a. Total Return (TPHD and VMVAX, 2019-12-31 – 2024-12-31)**



### **Pair 1b. Log Total Return (TPHD and VMVAX, 2019-12-31 – 2024-12-31)**



### **Pair 1c. Rate of Return (TPHD and VMVAX, 2019-12-31 – 2024-12-31)**



## Mid Cap, Blend

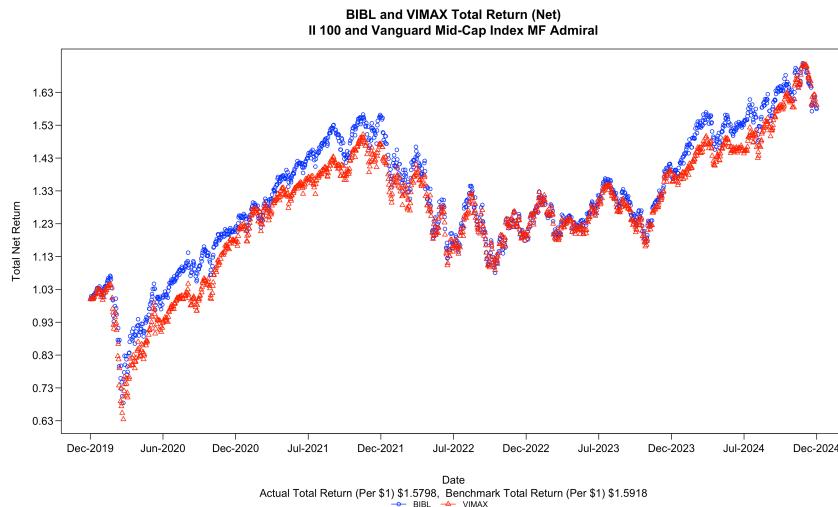
*Pair 1. Univariate Statistics (BIBL and VIMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	BIBL	VIMAX
TRMax	1.136	2.030	1.719	1.716
TRMin	1.000	0.697	0.684	0.634
AMean	2.574	17.010	12.683	12.579
StdDev	0.151	20.927	23.762	22.711
Skewness	0.174	-0.549	-0.515	-0.628
Kurtosis	1.211	15.009	15.403	16.030
GMean	2.585	14.531	9.573	9.739
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.147	-0.099
SC2	0.998	0.110	0.137	0.134
SC3	0.997	-0.035	-0.038	-0.032
SC4	0.997	-0.050	-0.059	-0.062
SC5	0.996	0.052	0.034	0.041
Sharpe	0.000	0.690	0.425	0.441

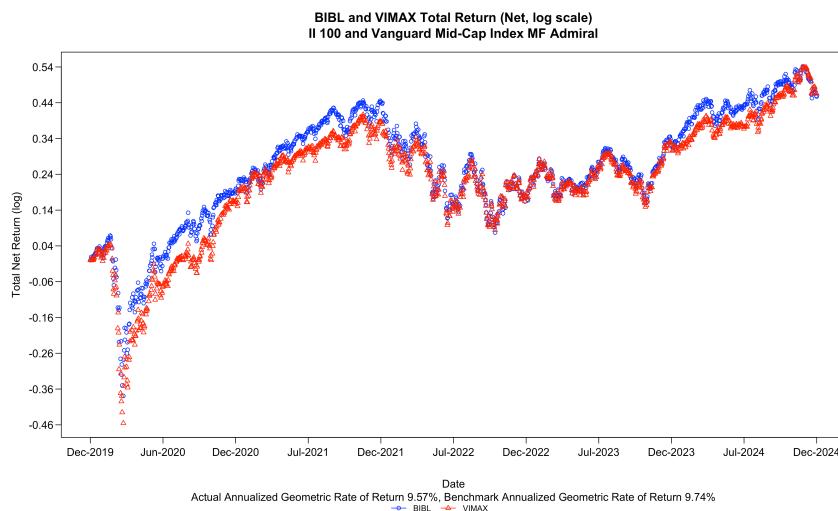
*Pair 1. Multivariate Statistics (BIBL and VIMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	BIBL	VIMAX
Mean	2.574	17.010	12.683	12.579
Std Dev.	0.151	20.927	23.762	22.711
CMT1M Cor	1.000	0.008	0.001	-0.001
SPY Cor	0.008	1.000	0.953	0.955
BIBL Cor	0.001	0.953	1.000	0.969
BLES Cor	-0.004	0.911	0.924	0.943
TPLC Cor	-0.002	0.929	0.957	0.969
ETIDX Cor	0.002	0.930	0.953	0.963
ETIMX Cor	0.004	0.908	0.932	0.947
GREYX Cor	0.003	0.789	0.813	0.845
PPTY Cor	0.002	0.765	0.799	0.832
AVEDX Cor	-0.005	0.930	0.931	0.955
VIMAX Cor	-0.001	0.955	0.969	1.000
VT Cor	0.008	0.977	0.951	0.961
VSMAX Cor	0.000	0.904	0.930	0.970
VBIAX Cor	0.012	0.973	0.944	0.952
VGSNX Cor	-0.002	0.801	0.834	0.861
VFIAX Cor	0.008	0.999	0.954	0.955
Beta	0.000	1.000	1.082	1.037
Treynor	0.000	0.144	0.093	0.097
Jensen	-0.001	0.000	-5.506	-4.959

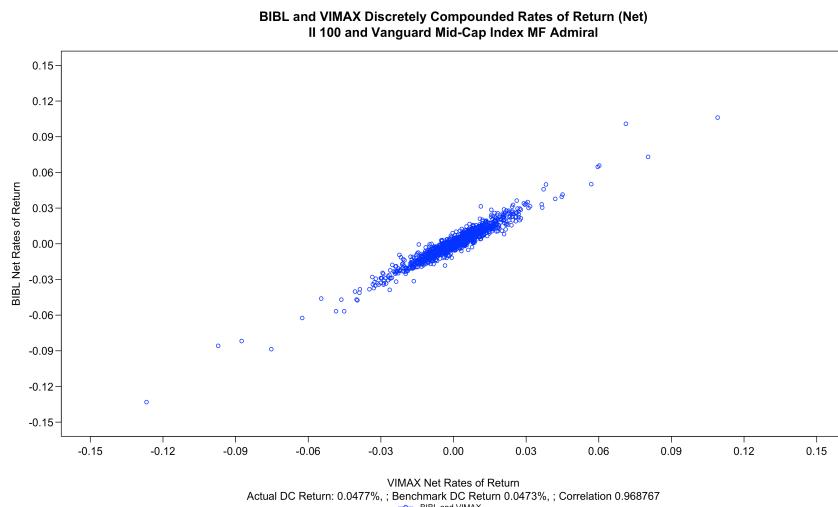
**Pair 1a. Total Return (BIBL and VIMAX, 2019-12-31 – 2024-12-31)**



**Pair 1b. Log Total Return (BIBL and VIMAX, 2019-12-31 – 2024-12-31)**



**Pair 1c. Rate of Return (BIBL and VIMAX, 2019-12-31 – 2024-12-31)**



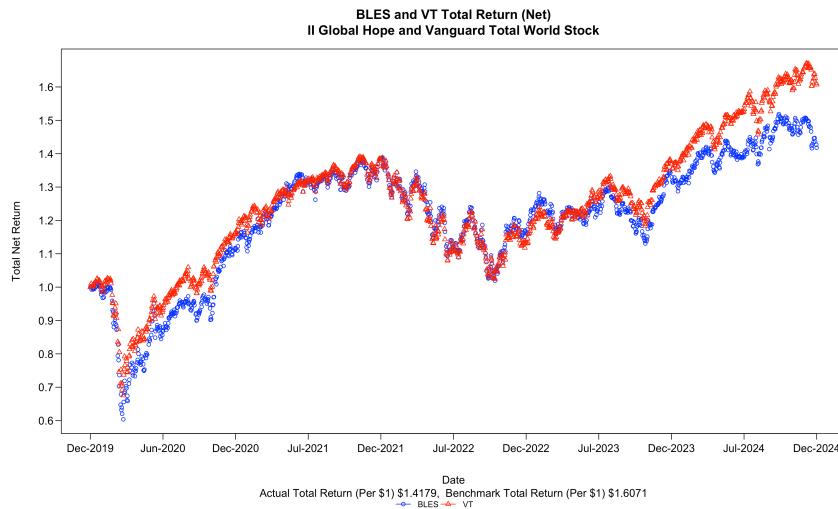
*Pair 2. Univariate Statistics (BLES and VT, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	BLES	VT
TRMax	1.136	2.030	1.519	1.671
TRMin	1.000	0.697	0.604	0.675
AMean	2.574	17.010	9.821	12.186
StdDev	0.151	20.927	21.897	20.196
Skewness	0.174	-0.549	-0.879	-0.844
Kurtosis	1.211	15.009	15.206	18.236
GMean	2.585	14.531	7.230	9.949
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.080	-0.162
SC2	0.998	0.110	0.135	0.138
SC3	0.997	-0.035	-0.017	-0.025
SC4	0.997	-0.050	-0.038	-0.042
SC5	0.996	0.052	0.070	0.077
Sharpe	0.000	0.690	0.331	0.476

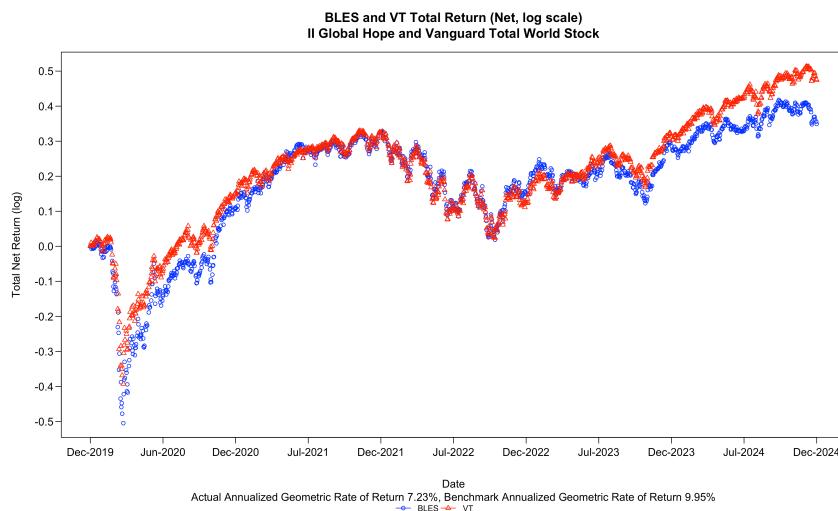
*Pair 2. Multivariate Statistics (BLES and VT, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	BLES	VT
Mean	2.574	17.010	9.821	12.186
Std Dev.	0.151	20.927	21.897	20.196
CMT1M Cor	1.000	0.008	-0.004	0.008
SPY Cor	0.008	1.000	0.911	0.977
BIBL Cor	0.001	0.953	0.924	0.951
BLES Cor	-0.004	0.911	1.000	0.953
TPLC Cor	-0.002	0.929	0.929	0.935
ETIDX Cor	0.002	0.930	0.903	0.930
ETIMX Cor	0.004	0.908	0.891	0.914
GREYX Cor	0.003	0.789	0.853	0.825
PPTY Cor	0.002	0.765	0.823	0.778
AVEDX Cor	-0.005	0.930	0.930	0.932
VIMAX Cor	-0.001	0.955	0.943	0.961
VT Cor	0.008	0.977	0.953	1.000
VSMAX Cor	0.000	0.904	0.934	0.928
VBIAX Cor	0.012	0.973	0.905	0.962
VGSNX Cor	-0.002	0.801	0.829	0.810
VFIAX Cor	0.008	0.999	0.910	0.976
Beta	0.000	1.000	0.953	0.943
Treynor	0.000	0.144	0.076	0.102
Jensen	-0.001	0.000	-6.515	-3.996

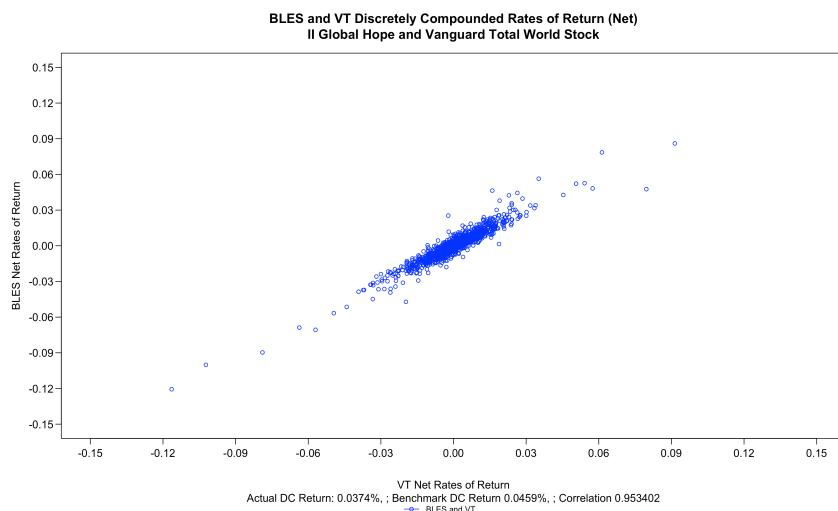
**Pair 2a. Total Return (BLES and VT, 2019-12-31 – 2024-12-31)**



**Pair 2b. Log Total Return (BLES and VT, 2019-12-31 – 2024-12-31)**



**Pair 2c. Rate of Return (BLES and VT, 2019-12-31 – 2024-12-31)**



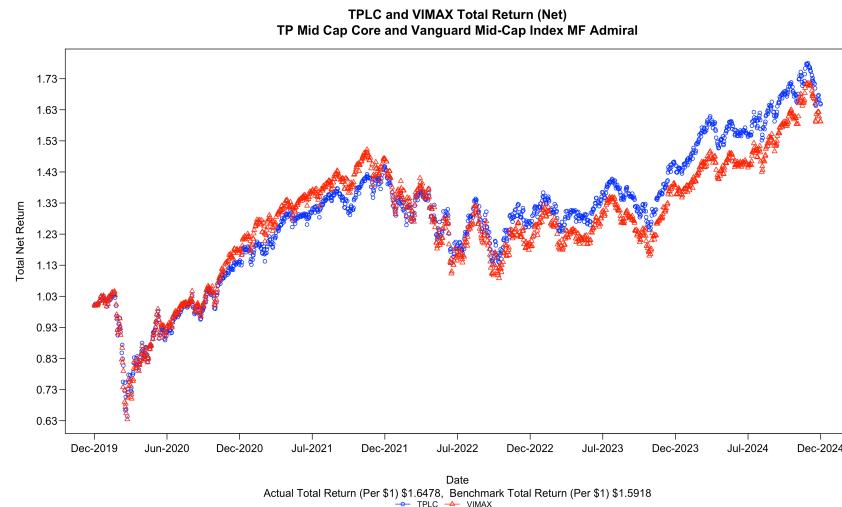
*Pair 3. Univariate Statistics (TPLC and VIMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	TPLC	VIMAX
TRMax	1.136	2.030	1.780	1.716
TRMin	1.000	0.697	0.644	0.634
AMean	2.574	17.010	13.069	12.579
StdDev	0.151	20.927	21.571	22.711
Skewness	0.174	-0.549	-0.642	-0.628
Kurtosis	1.211	15.009	17.969	16.030
GMean	2.585	14.531	10.501	9.739
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.120	-0.099
SC2	0.998	0.110	0.146	0.134
SC3	0.997	-0.035	-0.045	-0.032
SC4	0.997	-0.050	-0.040	-0.062
SC5	0.996	0.052	0.025	0.041
Sharpe	0.000	0.690	0.487	0.441

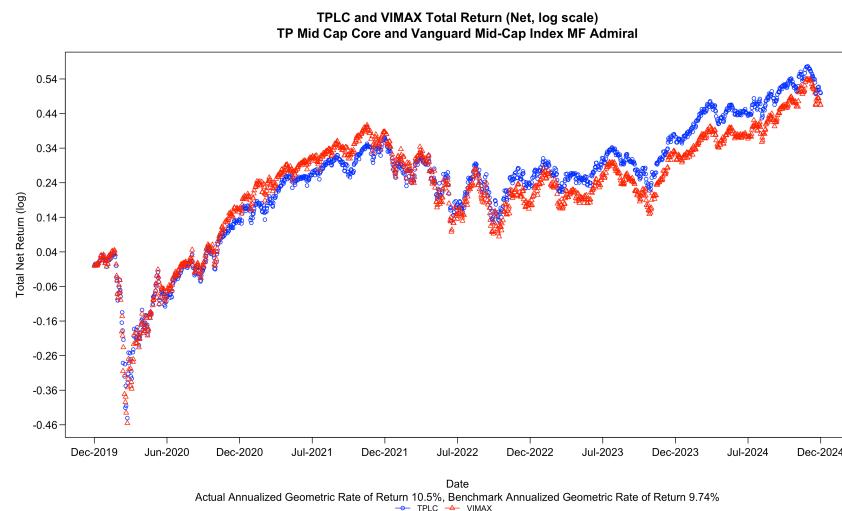
*Pair 3. Multivariate Statistics (TPLC and VIMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	TPLC	VIMAX
Mean	2.574	17.010	13.069	12.579
Std Dev.	0.151	20.927	21.571	22.711
CMT1M Cor	1.000	0.008	-0.002	-0.001
SPY Cor	0.008	1.000	0.929	0.955
BIBL Cor	0.001	0.953	0.957	0.969
BLES Cor	-0.004	0.911	0.929	0.943
TPLC Cor	-0.002	0.929	1.000	0.969
ETIDX Cor	0.002	0.930	0.946	0.963
ETIMX Cor	0.004	0.908	0.930	0.947
GREYX Cor	0.003	0.789	0.821	0.845
PPTY Cor	0.002	0.765	0.815	0.832
AVEDX Cor	-0.005	0.930	0.951	0.955
VIMAX Cor	-0.001	0.955	0.969	1.000
VT Cor	0.008	0.977	0.935	0.961
VSMAX Cor	0.000	0.904	0.947	0.970
VBIAX Cor	0.012	0.973	0.924	0.952
VGSNX Cor	-0.002	0.801	0.839	0.861
VFIAX Cor	0.008	0.999	0.930	0.955
Beta	0.000	1.000	0.958	1.037
Treynor	0.000	0.144	0.110	0.097
Jensen	-0.001	0.000	-3.329	-4.959

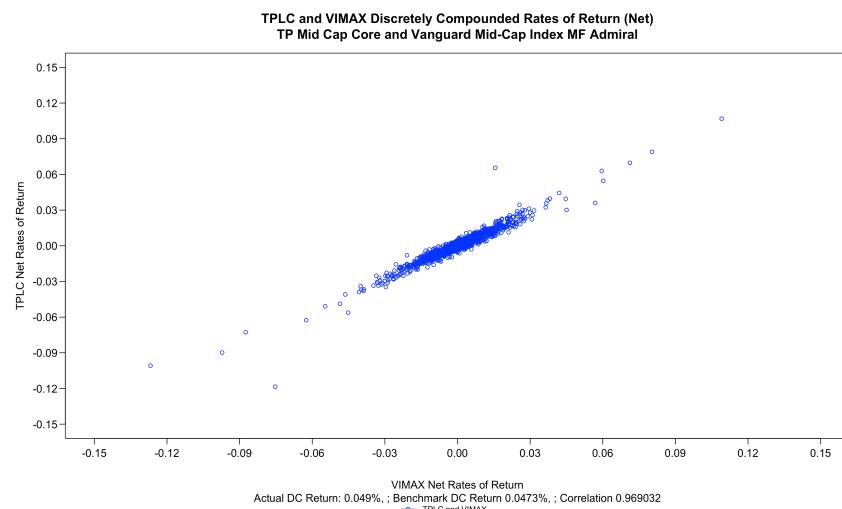
**Pair 3a. Total Return (TPLC and VIMAX, 2019-12-31 – 2024-12-31)**



**Pair 3b. Log Total Return (TPLC and VIMAX, 2019-12-31 – 2024-12-31)**



**Pair 3c. Rate of Return (TPLC and VIMAX, 2019-12-31 – 2024-12-31)**



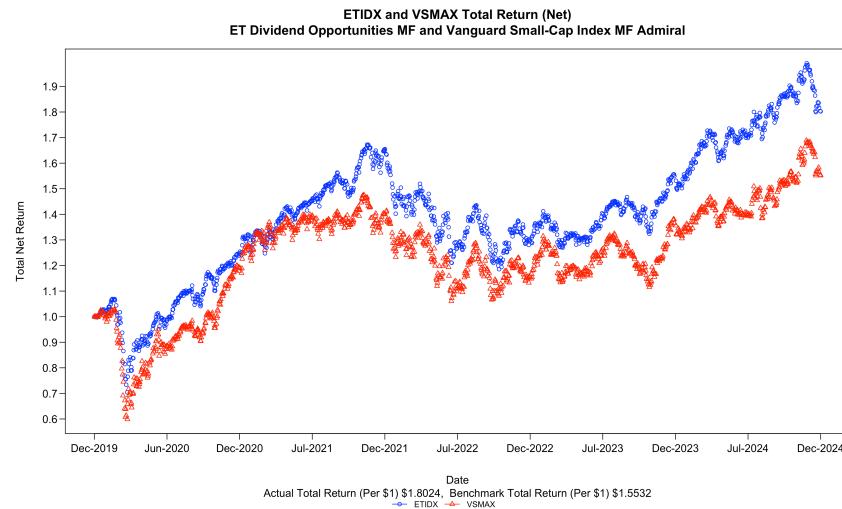
*Pair 4. Univariate Statistics (ETIDX and VSMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ETIDX	VSMAX
TRMax	1.136	2.030	1.991	1.689
TRMin	1.000	0.697	0.704	0.599
AMean	2.574	17.010	14.956	12.852
StdDev	0.151	20.927	20.971	25.681
Skewness	0.174	-0.549	-0.654	-0.759
Kurtosis	1.211	15.009	12.309	13.300
GMean	2.585	14.531	12.499	9.202
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.082	-0.092
SC2	0.998	0.110	0.104	0.128
SC3	0.997	-0.035	-0.017	-0.037
SC4	0.997	-0.050	-0.050	-0.042
SC5	0.996	0.052	0.051	0.031
Sharpe	0.000	0.690	0.590	0.400

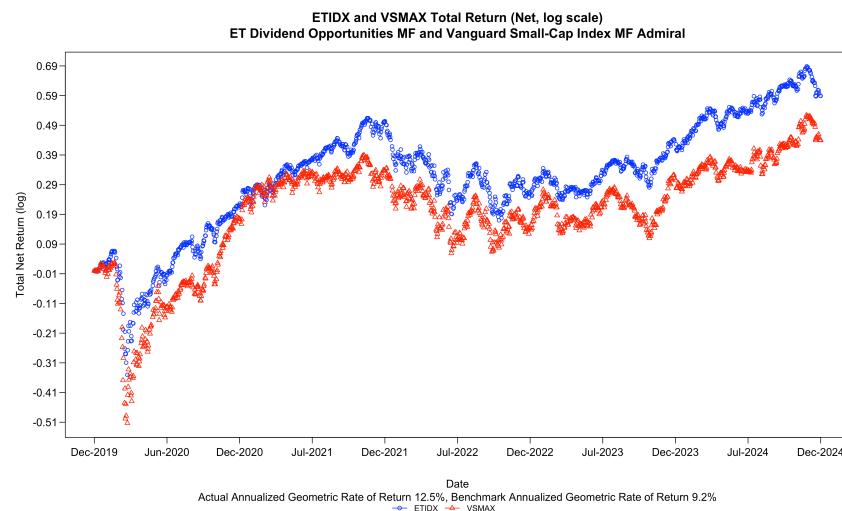
*Pair 4. Multivariate Statistics (ETIDX and VSMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ETIDX	VSMAX
Mean	2.574	17.010	14.956	12.852
Std Dev.	0.151	20.927	20.971	25.681
CMT1M Cor	1.000	0.008	0.002	0.000
SPY Cor	0.008	1.000	0.930	0.904
BIBL Cor	0.001	0.953	0.953	0.930
BLES Cor	-0.004	0.911	0.903	0.934
TPLC Cor	-0.002	0.929	0.946	0.947
ETIDX Cor	0.002	0.930	1.000	0.930
ETIMX Cor	0.004	0.908	0.981	0.914
GREYX Cor	0.003	0.789	0.830	0.827
PPTY Cor	0.002	0.765	0.799	0.833
AVEDX Cor	-0.005	0.930	0.922	0.930
VIMAX Cor	-0.001	0.955	0.963	0.970
VT Cor	0.008	0.977	0.930	0.928
VSMAX Cor	0.000	0.904	0.930	1.000
VBIAX Cor	0.012	0.973	0.928	0.914
VGSNX Cor	-0.002	0.801	0.841	0.834
VFIAX Cor	0.008	0.999	0.930	0.904
Beta	0.000	1.000	0.932	1.109
Treynor	0.000	0.144	0.133	0.093
Jensen	-0.001	0.000	-1.070	-5.739

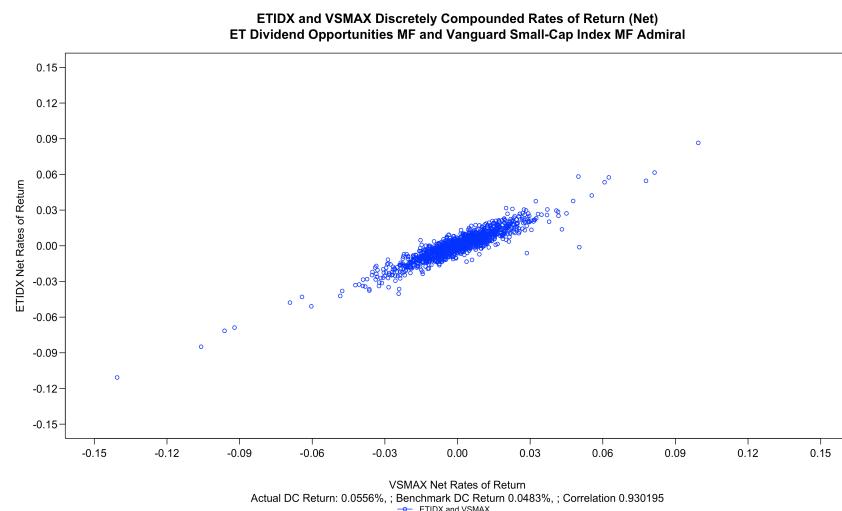
#### **Pair 4a. Total Return (ETIDX and VS MAX, 2019-12-31 – 2024-12-31)**



#### **Pair 4b. Log Total Return (ETIDX and VS MAX, 2019-12-31 – 2024-12-31)**



#### **Pair 4c. Rate of Return (ETIDX and VS MAX, 2019-12-31 – 2024-12-31)**



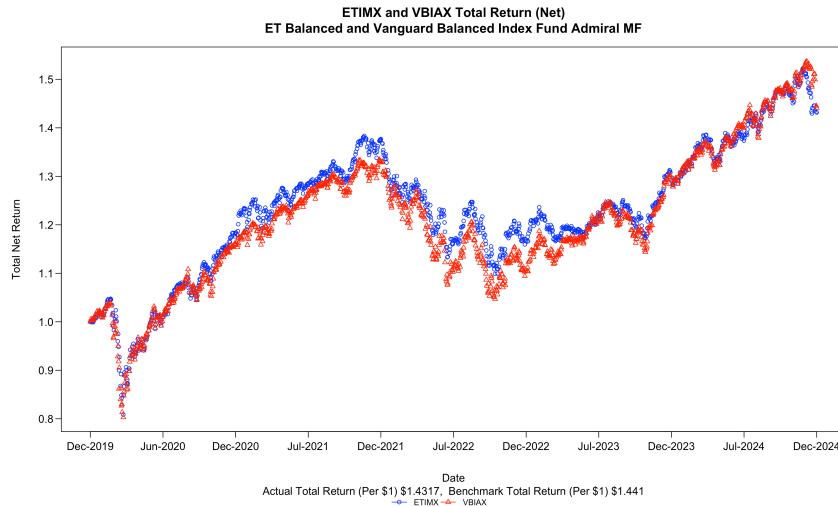
*Pair 5. Univariate Statistics (ETIMX and VBIAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ETIMX	VBIAX
TRMax	1.136	2.030	1.523	1.537
TRMin	1.000	0.697	0.809	0.803
AMean	2.574	17.010	8.213	8.530
StdDev	0.151	20.927	12.219	13.488
Skewness	0.174	-0.549	-0.747	-0.713
Kurtosis	1.211	15.009	13.363	14.600
GMean	2.585	14.531	7.438	7.578
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.051	-0.112
SC2	0.998	0.110	0.123	0.126
SC3	0.997	-0.035	0.013	-0.017
SC4	0.997	-0.050	-0.053	-0.037
SC5	0.996	0.052	0.034	0.044
Sharpe	0.000	0.690	0.461	0.442

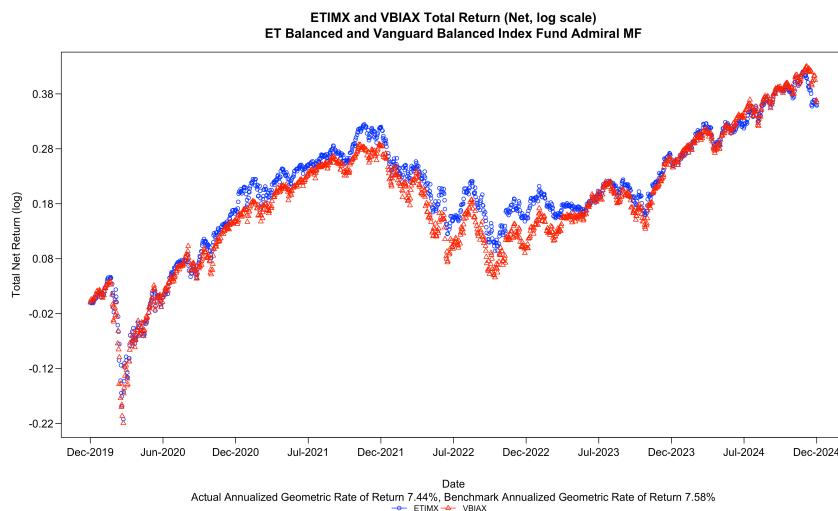
*Pair 5. Multivariate Statistics (ETIMX and VBIAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ETIMX	VBIAX
Mean	2.574	17.010	8.213	8.530
Std Dev.	0.151	20.927	12.219	13.488
CMT1M Cor	1.000	0.008	0.004	0.012
SPY Cor	0.008	1.000	0.908	0.973
BIBL Cor	0.001	0.953	0.932	0.944
BLES Cor	-0.004	0.911	0.891	0.905
TPLC Cor	-0.002	0.929	0.930	0.924
ETIDX Cor	0.002	0.930	0.981	0.928
ETIMX Cor	0.004	0.908	1.000	0.929
GREYX Cor	0.003	0.789	0.836	0.812
PPTY Cor	0.002	0.765	0.798	0.778
AVEDX Cor	-0.005	0.930	0.903	0.923
VIMAX Cor	-0.001	0.955	0.947	0.952
VT Cor	0.008	0.977	0.914	0.962
VSMAX Cor	0.000	0.904	0.914	0.914
VBIAX Cor	0.012	0.973	0.929	1.000
VGSNX Cor	-0.002	0.801	0.846	0.817
VFIAX Cor	0.008	0.999	0.908	0.972
Beta	0.000	1.000	0.530	0.627
Treynor	0.000	0.144	0.106	0.095
Jensen	-0.001	0.000	-2.015	-3.093

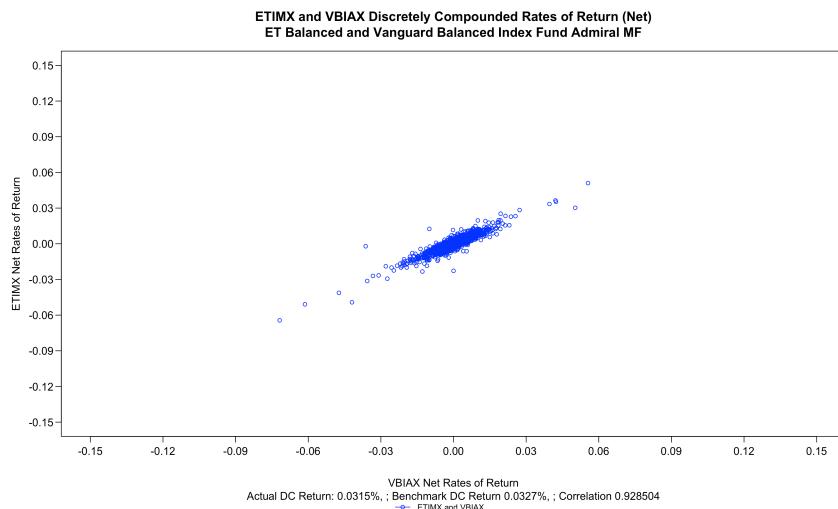
**Pair 5a. Total Return (ETIMX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 5b. Log Total Return (ETIMX and VBIAX, 2019-12-31 – 2024-12-31)**



**Pair 5c. Rate of Return (ETIMX and VBIAX, 2019-12-31 – 2024-12-31)**



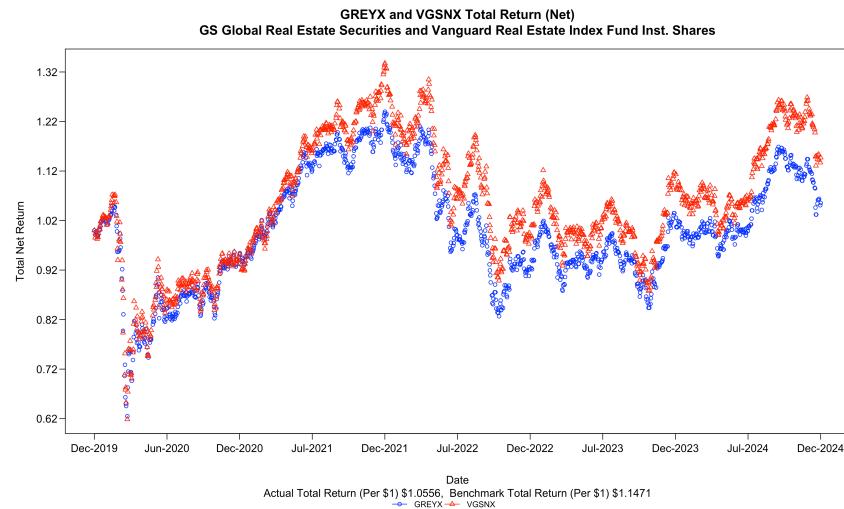
*Pair 6. Univariate Statistics (GREYX and VGSNX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	GREYX	VGSNX
TRMax	1.136	2.030	1.240	1.338
TRMin	1.000	0.697	0.625	0.619
AMean	2.574	17.010	3.387	6.257
StdDev	0.151	20.927	21.092	25.659
Skewness	0.174	-0.549	-1.385	-1.128
Kurtosis	1.211	15.009	23.231	20.978
GMean	2.585	14.531	1.088	2.782
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	0.008	-0.087
SC2	0.998	0.110	0.143	0.120
SC3	0.997	-0.035	0.026	-0.002
SC4	0.997	-0.050	-0.074	-0.077
SC5	0.996	0.052	0.028	0.012
Sharpe	0.000	0.690	0.039	0.144

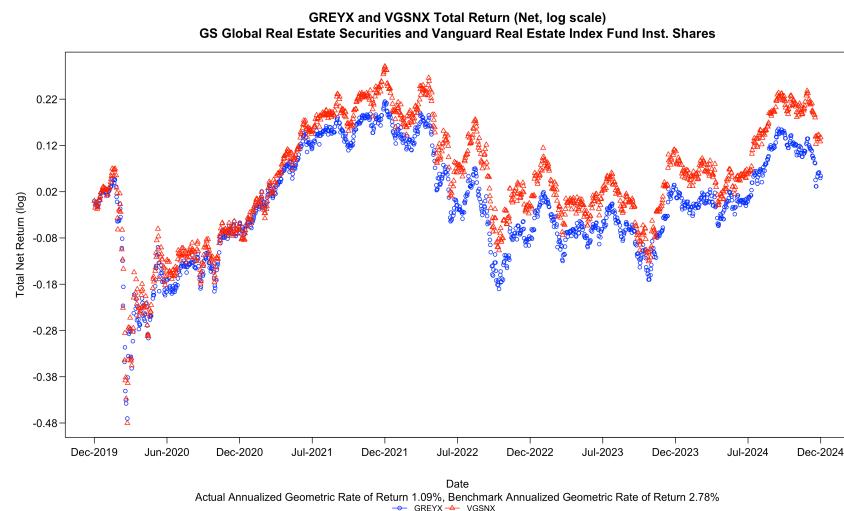
*Pair 6. Multivariate Statistics (GREYX and VGSNX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	GREYX	VGSNX
Mean	2.574	17.010	3.387	6.257
Std Dev.	0.151	20.927	21.092	25.659
CMT1M Cor	1.000	0.008	0.003	-0.002
SPY Cor	0.008	1.000	0.789	0.801
BIBL Cor	0.001	0.953	0.813	0.834
BLES Cor	-0.004	0.911	0.853	0.829
TPLC Cor	-0.002	0.929	0.821	0.839
ETIDX Cor	0.002	0.930	0.830	0.841
ETIMX Cor	0.004	0.908	0.836	0.846
GREYX Cor	0.003	0.789	1.000	0.950
PPTY Cor	0.002	0.765	0.932	0.960
AVEDX Cor	-0.005	0.930	0.822	0.834
VIMAX Cor	-0.001	0.955	0.845	0.861
VT Cor	0.008	0.977	0.825	0.810
VSMAX Cor	0.000	0.904	0.827	0.834
VBIAX Cor	0.012	0.973	0.812	0.817
VGSNX Cor	-0.002	0.801	0.950	1.000
VFIAX Cor	0.008	0.999	0.789	0.803
Beta	0.000	1.000	0.795	0.982
Treynor	0.000	0.144	0.010	0.038
Jensen	-0.001	0.000	-10.662	-10.495

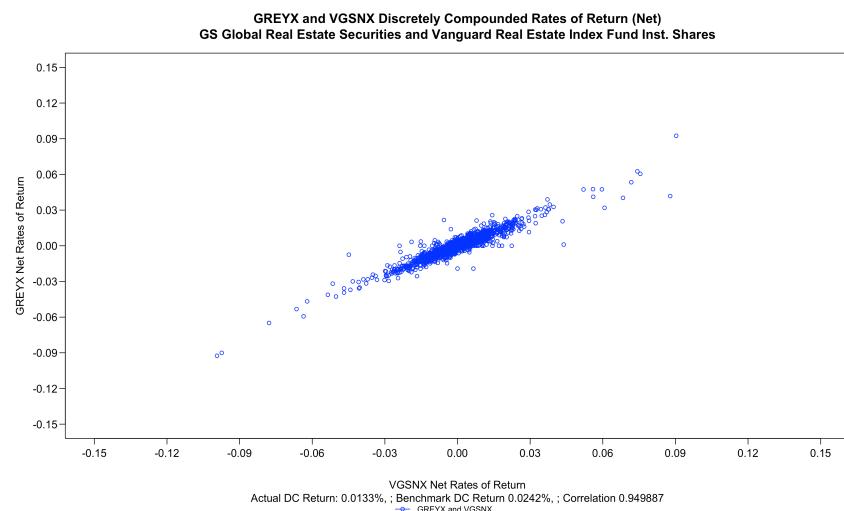
**Pair 6a. Total Return (GREYX and VGSNX, 2019-12-31 – 2024-12-31)**



**Pair 6b. Log Total Return (GREYX and VGSNX, 2019-12-31 – 2024-12-31)**



**Pair 6c. Rate of Return (GREYX and VGSNX, 2019-12-31 – 2024-12-31)**



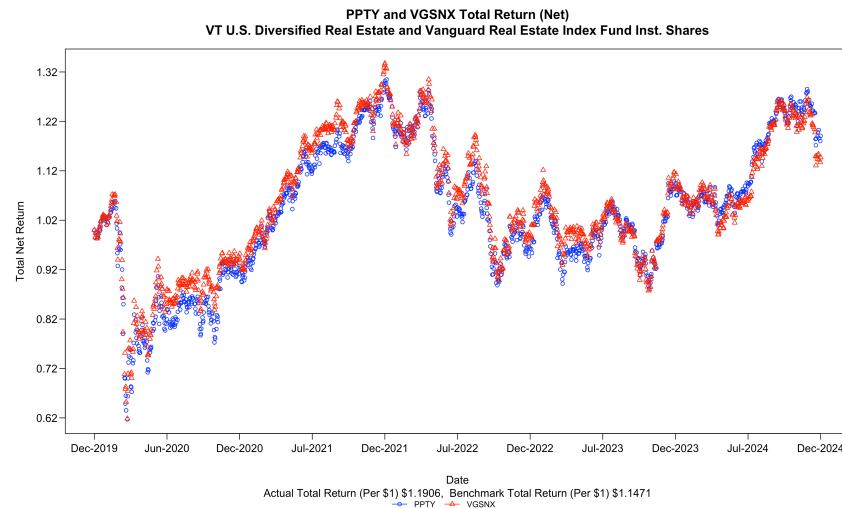
*Pair 7. Univariate Statistics (PPTY and VGSNX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	PPTY	VGSNX
TRMax	1.136	2.030	1.305	1.338
TRMin	1.000	0.697	0.617	0.619
AMean	2.574	17.010	6.929	6.257
StdDev	0.151	20.927	25.254	25.659
Skewness	0.174	-0.549	-1.012	-1.128
Kurtosis	1.211	15.009	19.588	20.978
GMean	2.585	14.531	3.549	2.782
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.023	-0.087
SC2	0.998	0.110	0.070	0.120
SC3	0.997	-0.035	0.008	-0.002
SC4	0.997	-0.050	-0.053	-0.077
SC5	0.996	0.052	-0.024	0.012
Sharpe	0.000	0.690	0.172	0.144

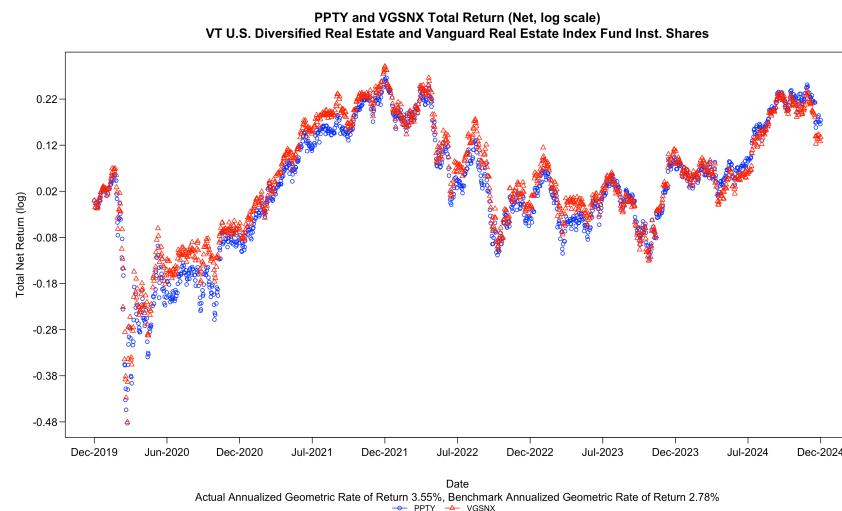
*Pair 7. Multivariate Statistics (PPTY and VGSNX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	PPTY	VGSNX
Mean	2.574	17.010	6.929	6.257
Std Dev.	0.151	20.927	25.254	25.659
CMT1M Cor	1.000	0.008	0.002	-0.002
SPY Cor	0.008	1.000	0.765	0.801
BIBL Cor	0.001	0.953	0.799	0.834
BLES Cor	-0.004	0.911	0.823	0.829
TPLC Cor	-0.002	0.929	0.815	0.839
ETIDX Cor	0.002	0.930	0.799	0.841
ETIMX Cor	0.004	0.908	0.798	0.846
GREYX Cor	0.003	0.789	0.932	0.950
PPTY Cor	0.002	0.765	1.000	0.960
AVEDX Cor	-0.005	0.930	0.814	0.834
VIMAX Cor	-0.001	0.955	0.832	0.861
VT Cor	0.008	0.977	0.778	0.810
VSMAX Cor	0.000	0.904	0.833	0.834
VBIAX Cor	0.012	0.973	0.778	0.817
VGSNX Cor	-0.002	0.801	0.960	1.000
VFIAX Cor	0.008	0.999	0.765	0.803
Beta	0.000	1.000	0.924	0.982
Treynor	0.000	0.144	0.047	0.038
Jensen	-0.001	0.000	-8.978	-10.495

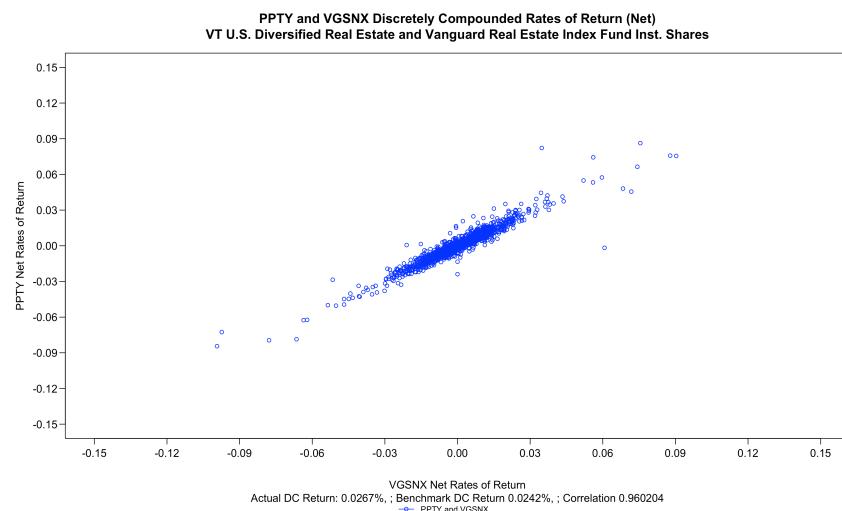
**Pair 7a. Total Return (PPTY and VGSNX, 2019-12-31 – 2024-12-31)**



**Pair 7b. Log Total Return (PPTY and VGSNX, 2019-12-31 – 2024-12-31)**



**Pair 7c. Rate of Return (PPTY and VGSNX, 2019-12-31 – 2024-12-31)**



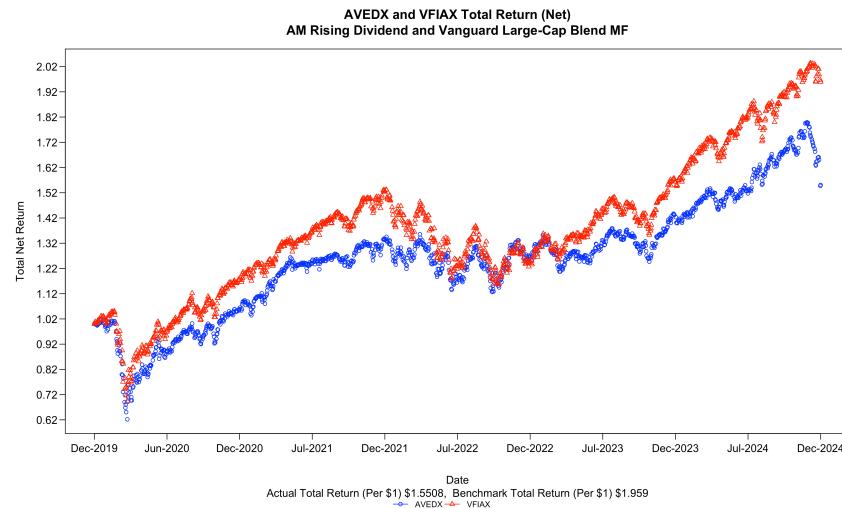
*Pair 8. Univariate Statistics (AVEDX and VFIAZ, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	AVEDX	VFIAZ
TRMax	1.136	2.030	1.799	2.033
TRMin	1.000	0.697	0.622	0.695
AMean	2.574	17.010	11.598	16.951
StdDev	0.151	20.927	21.112	21.271
Skewness	0.174	-0.549	-0.512	-0.516
Kurtosis	1.211	15.009	18.110	16.692
GMean	2.585	14.531	9.168	14.389
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.124	-0.183
SC2	0.998	0.110	0.135	0.127
SC3	0.997	-0.035	-0.039	-0.042
SC4	0.997	-0.050	-0.069	-0.052
SC5	0.996	0.052	0.061	0.059
Sharpe	0.000	0.690	0.427	0.676

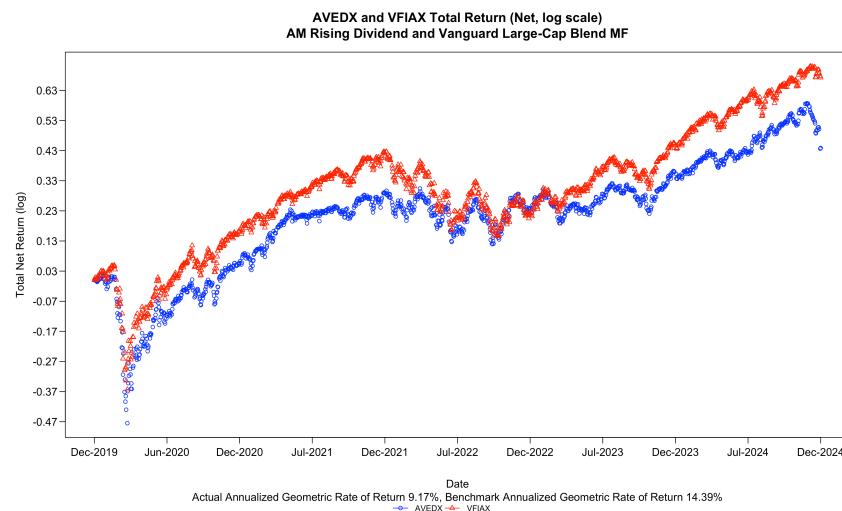
*Pair 8. Multivariate Statistics (AVEDX and VFIAZ, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	AVEDX	VFIAZ
Mean	2.574	17.010	11.598	16.951
Std Dev.	0.151	20.927	21.112	21.271
CMT1M Cor	1.000	0.008	-0.005	0.008
SPY Cor	0.008	1.000	0.930	0.999
BIBL Cor	0.001	0.953	0.931	0.954
BLES Cor	-0.004	0.911	0.930	0.910
TPLC Cor	-0.002	0.929	0.951	0.930
ETIDX Cor	0.002	0.930	0.922	0.930
ETIMX Cor	0.004	0.908	0.903	0.908
GREYX Cor	0.003	0.789	0.822	0.789
PPTY Cor	0.002	0.765	0.814	0.765
AVEDX Cor	-0.005	0.930	1.000	0.931
VIMAX Cor	-0.001	0.955	0.955	0.955
VT Cor	0.008	0.977	0.932	0.976
VSMAX Cor	0.000	0.904	0.930	0.904
VBIAX Cor	0.012	0.973	0.923	0.972
VGSNX Cor	-0.002	0.801	0.834	0.803
VFIAZ Cor	0.008	0.999	0.931	1.000
Beta	0.000	1.000	0.938	1.015
Treynor	0.000	0.144	0.096	0.142
Jensen	-0.001	0.000	-4.525	-0.279

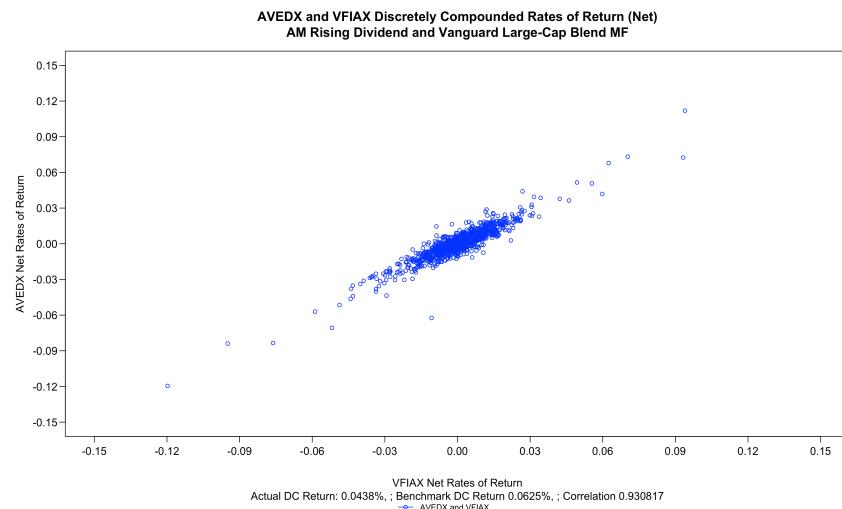
### **Pair 8a. Total Return (AVEDX and VFIAX, 2019-12-31 – 2024-12-31)**



### **Pair 8b. Log Total Return (AVEDX and VFIAX, 2019-12-31 – 2024-12-31)**



### **Pair 8c. Rate of Return (AVEDX and VFIAX, 2019-12-31 – 2024-12-31)**



## Mid Cap, Growth

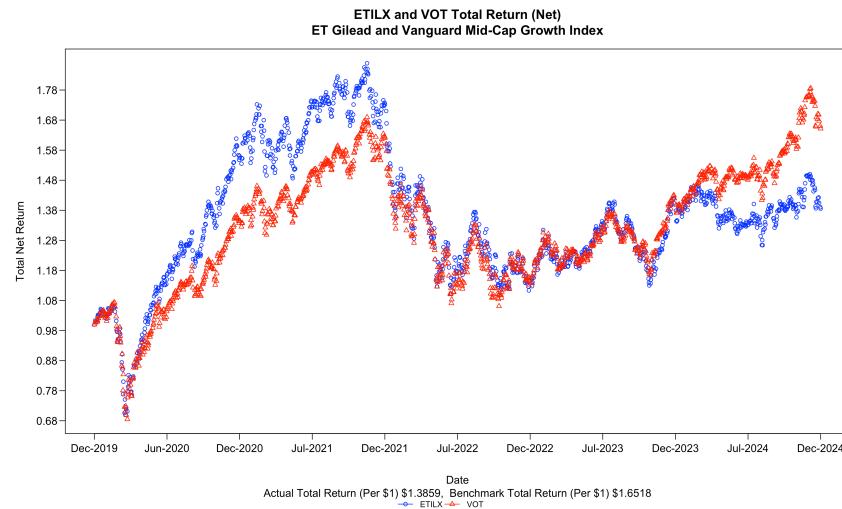
*Pair 1. Univariate Statistics (ETILX and VOT, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ETILX	VOT
TRMax	1.136	2.030	1.869	1.786
TRMin	1.000	0.697	0.699	0.685
AMean	2.574	17.010	10.719	13.994
StdDev	0.151	20.927	27.093	24.868
Skewness	0.174	-0.549	-0.428	-0.492
Kurtosis	1.211	15.009	8.336	11.432
GMean	2.585	14.531	6.741	10.553
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.047	-0.079
SC2	0.998	0.110	0.078	0.103
SC3	0.997	-0.035	-0.035	-0.034
SC4	0.997	-0.050	-0.051	-0.055
SC5	0.996	0.052	0.008	0.022
Sharpe	0.000	0.690	0.301	0.459

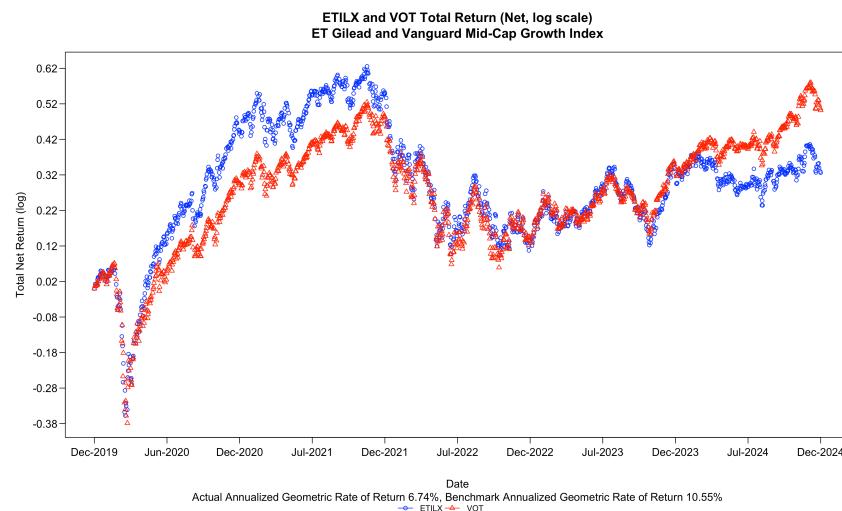
*Pair 1. Multivariate Statistics (ETILX and VOT, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ETILX	VOT
Mean	2.574	17.010	10.719	13.994
Std Dev.	0.151	20.927	27.093	24.868
CMT1M Cor	1.000	0.008	-0.008	0.004
SPY Cor	0.008	1.000	0.834	0.929
ETILX Cor	-0.008	0.834	1.000	0.951
AVEGX Cor	0.010	0.945	0.841	0.928
VOT Cor	0.004	0.929	0.951	1.000
VMGMX Cor	0.004	0.930	0.952	0.999
Beta	0.000	1.000	1.080	1.104
Treynor	0.000	0.144	0.075	0.103
Jensen	-0.001	0.000	-7.447	-4.525

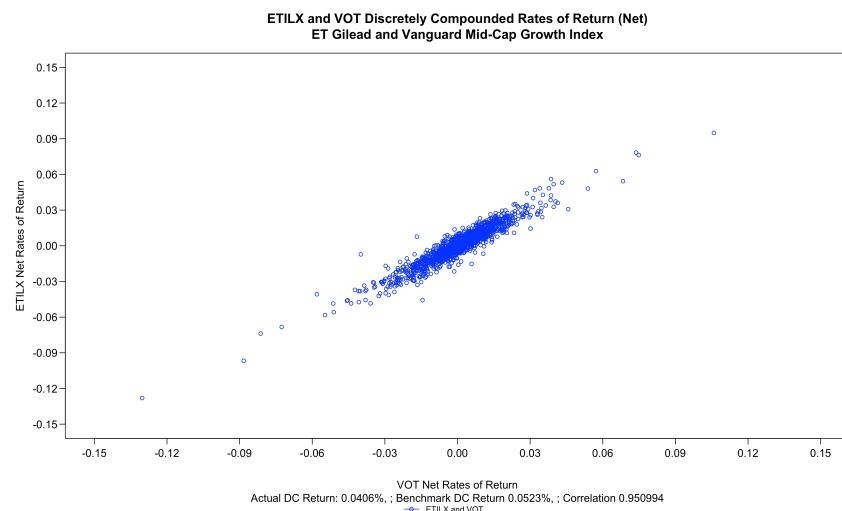
**Pair 1a. Total Return (ETILX and VOT, 2019-12-31 – 2024-12-31)**



**Pair 1b. Log Total Return (ETILX and VOT, 2019-12-31 – 2024-12-31)**



**Pair 1c. Rate of Return (ETILX and VOT, 2019-12-31 – 2024-12-31)**



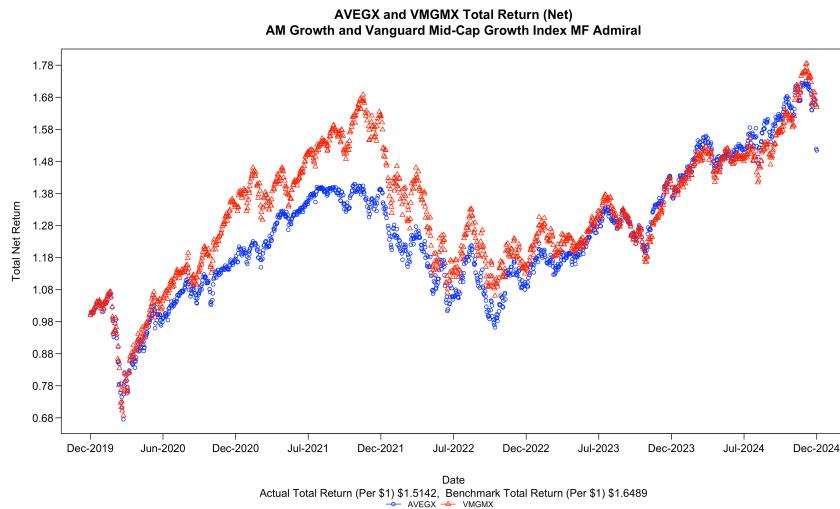
*Pair 2. Univariate Statistics (AVEGX and VMGMX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	AVEGX	VMGMX
TRMax	1.136	2.030	1.731	1.786
TRMin	1.000	0.697	0.675	0.687
AMean	2.574	17.010	11.492	13.958
StdDev	0.151	20.927	22.855	24.887
Skewness	0.174	-0.549	-0.292	-0.471
Kurtosis	1.211	15.009	13.835	11.317
GMean	2.585	14.531	8.648	10.514
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.100	-0.082
SC2	0.998	0.110	0.096	0.104
SC3	0.997	-0.035	-0.038	-0.035
SC4	0.997	-0.050	-0.061	-0.053
SC5	0.996	0.052	0.042	0.023
Sharpe	0.000	0.690	0.390	0.457

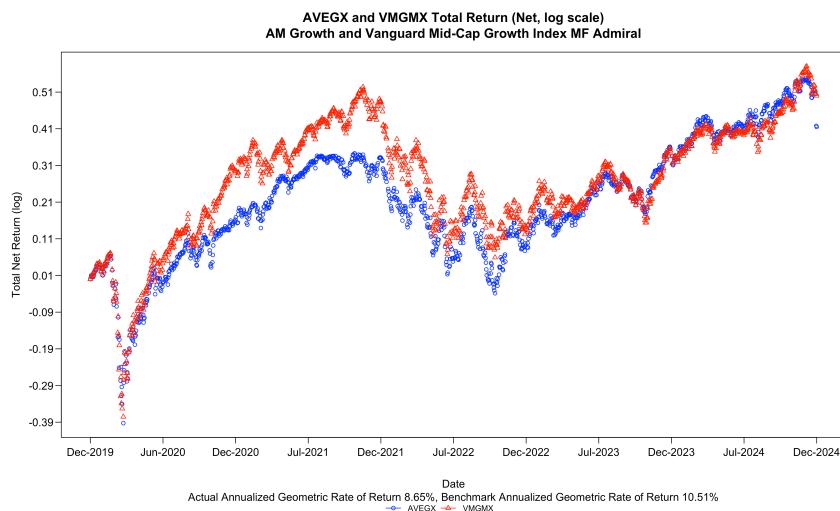
*Pair 2. Multivariate Statistics (AVEGX and VMGMX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	AVEGX	VMGMX
Mean	2.574	17.010	11.492	13.958
Std Dev.	0.151	20.927	22.855	24.887
CMT1M Cor	1.000	0.008	0.010	0.004
SPY Cor	0.008	1.000	0.945	0.930
ETILX Cor	-0.008	0.834	0.841	0.952
AVEGX Cor	0.010	0.945	1.000	0.929
VOT Cor	0.004	0.929	0.928	0.999
VMGMX Cor	0.004	0.930	0.929	1.000
Beta	0.000	1.000	1.032	1.106
Treynor	0.000	0.144	0.086	0.103
Jensen	-0.001	0.000	-5.975	-4.578

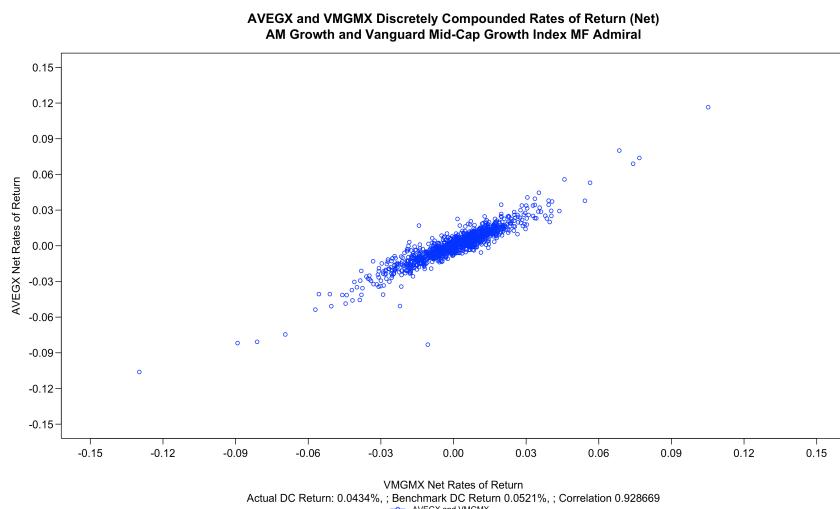
**Pair 2a. Total Return (AVEGX and VMGMX, 2019-12-31 – 2024-12-31)**



**Pair 2b. Log Total Return (AVEGX and VMGMX, 2019-12-31 – 2024-12-31)**



**Pair 2c. Rate of Return (AVEGX and VMGMX, 2019-12-31 – 2024-12-31)**



**Small Cap, Value**  
NA

**Small Cap, Blend**

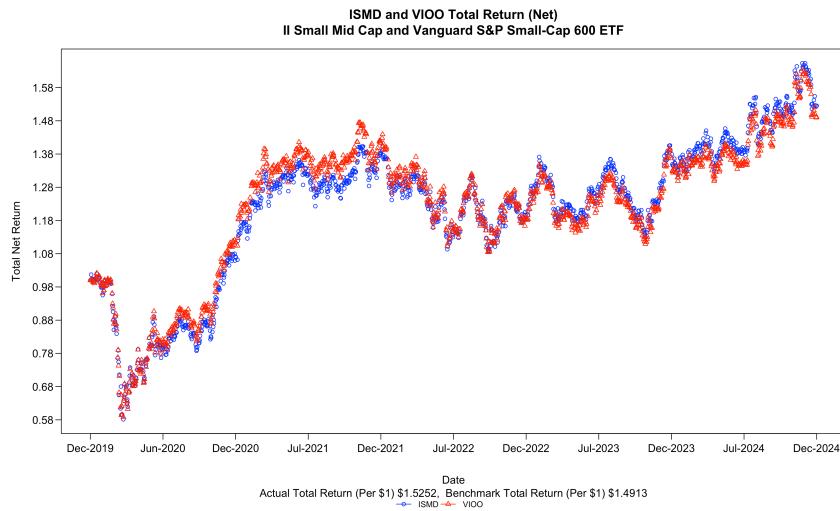
*Pair 1. Univariate Statistics (ISMD and VIOO, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ISMD	VIOO
TRMax	1.136	2.030	1.653	1.635
TRMin	1.000	0.697	0.582	0.589
AMean	2.574	17.010	13.115	12.430
StdDev	0.151	20.927	27.895	27.340
Skewness	0.174	-0.549	-0.600	-0.524
Kurtosis	1.211	15.009	14.682	10.582
GMean	2.585	14.531	8.805	8.318
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.153	-0.090
SC2	0.998	0.110	0.146	0.112
SC3	0.997	-0.035	-0.082	-0.050
SC4	0.997	-0.050	-0.051	-0.050
SC5	0.996	0.052	0.075	0.040
Sharpe	0.000	0.690	0.378	0.360

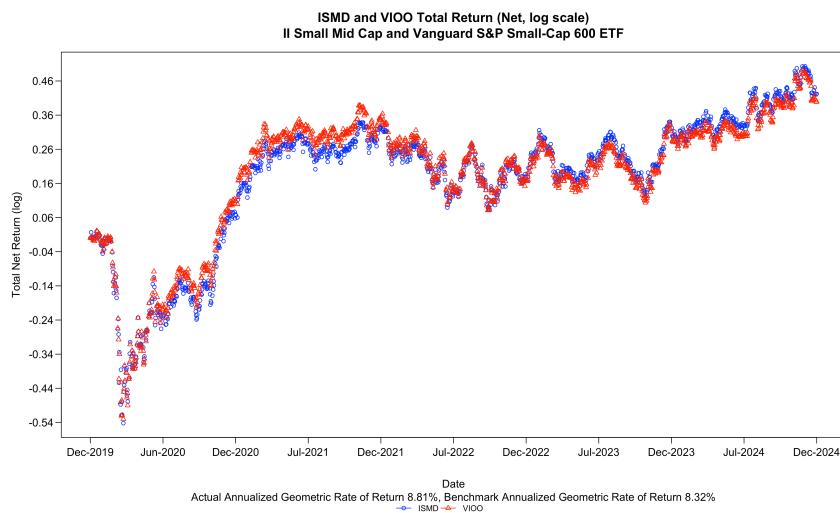
*Pair 1. Multivariate Statistics (ISMD and VIOO, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ISMD	VIOO
Mean	2.574	17.010	13.115	12.430
Std Dev.	0.151	20.927	27.895	27.340
CMT1M Cor	1.000	0.008	-0.005	-0.005
SPY Cor	0.008	1.000	0.825	0.838
ISMD Cor	-0.005	0.825	1.000	0.960
TPSC Cor	-0.004	0.814	0.953	0.976
SCECX Cor	-0.008	0.824	0.895	0.925
GSCYX Cor	-0.008	0.814	0.879	0.908
MMSIX Cor	0.000	0.827	0.950	0.985
VIOO Cor	-0.005	0.838	0.960	1.000
VSMAX Cor	0.000	0.904	0.940	0.967
VB Cor	0.000	0.904	0.937	0.966
Beta	0.000	1.000	1.099	1.094
Treynor	0.000	0.144	0.096	0.090
Jensen	-0.001	0.000	-5.326	-5.944

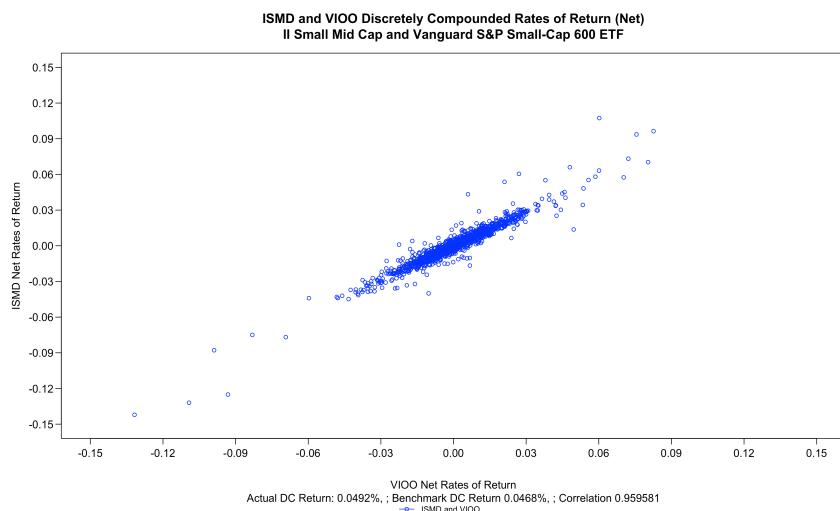
**Pair 1a. Total Return (ISMD and VIOO, 2019-12-31 – 2024-12-31)**



**Pair 1b. Log Total Return (ISMD and VIOO, 2019-12-31 – 2024-12-31)**



**Pair 1c. Rate of Return (ISMD and VIOO, 2019-12-31 – 2024-12-31)**



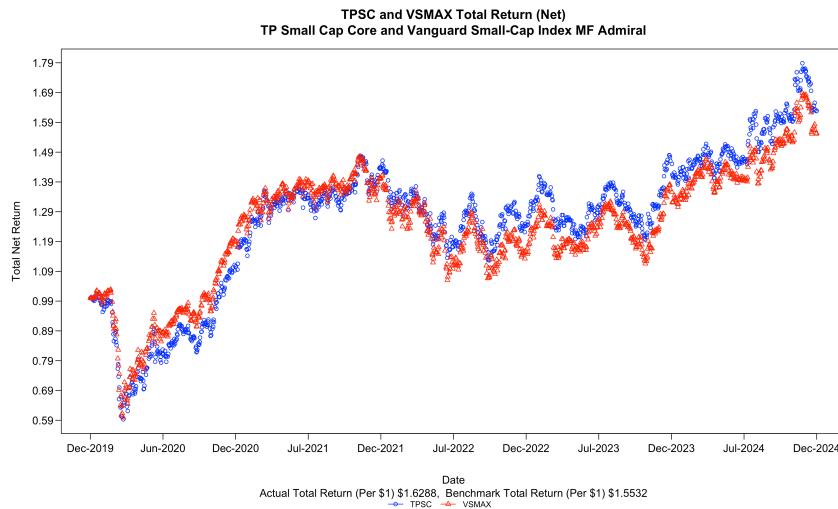
*Pair 2. Univariate Statistics (TPSC and VS MAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	TPSC	VS MAX
TRMax	1.136	2.030	1.788	1.689
TRMin	1.000	0.697	0.593	0.599
AMean	2.574	17.010	13.966	12.852
StdDev	0.151	20.927	25.888	25.681
Skewness	0.174	-0.549	-0.302	-0.759
Kurtosis	1.211	15.009	9.407	13.300
GMean	2.585	14.531	10.245	9.202
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.091	-0.092
SC2	0.998	0.110	0.105	0.128
SC3	0.997	-0.035	-0.050	-0.037
SC4	0.997	-0.050	-0.038	-0.042
SC5	0.996	0.052	0.059	0.031
Sharpe	0.000	0.690	0.440	0.400

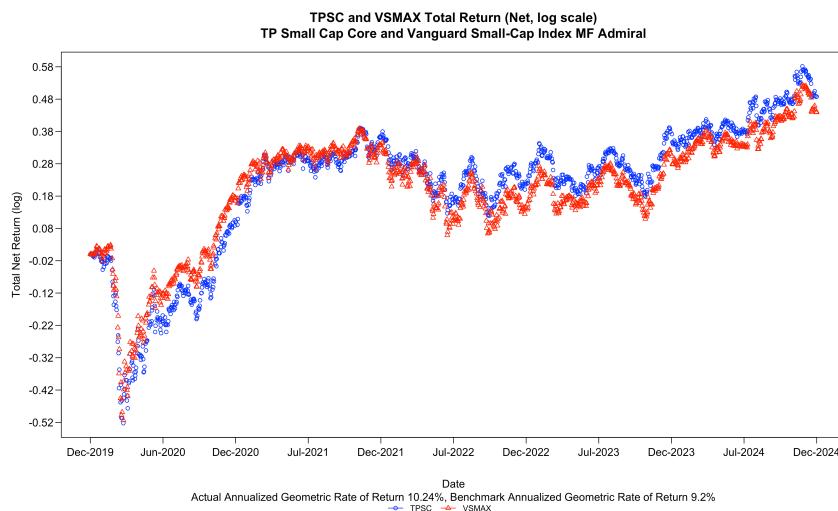
*Pair 2. Multivariate Statistics (TPSC and VS MAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	TPSC	VS MAX
Mean	2.574	17.010	13.966	12.852
Std Dev.	0.151	20.927	25.888	25.681
CMT1M Cor	1.000	0.008	-0.004	0.000
SPY Cor	0.008	1.000	0.814	0.904
ISMD Cor	-0.005	0.825	0.953	0.940
TPSC Cor	-0.004	0.814	1.000	0.943
SCECX Cor	-0.008	0.824	0.904	0.930
GSCYX Cor	-0.008	0.814	0.889	0.913
MMSIX Cor	0.000	0.827	0.963	0.956
VIOO Cor	-0.005	0.838	0.976	0.967
VS MAX Cor	0.000	0.904	0.943	1.000
VB Cor	0.000	0.904	0.941	0.998
Beta	0.000	1.000	1.007	1.109
Treynor	0.000	0.144	0.113	0.093
Jensen	-0.001	0.000	-3.141	-5.739

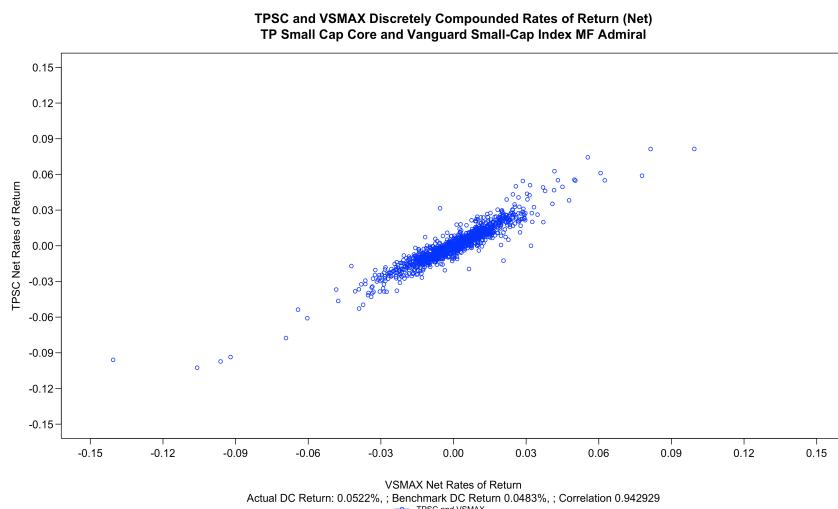
**Pair 2a. Total Return (TPSC and VS MAX, 2019-12-31 – 2024-12-31)**



**Pair 2b. Log Total Return (TPSC and VS MAX, 2019-12-31 – 2024-12-31)**



**Pair 2c. Rate of Return (TPSC and VS MAX, 2019-12-31 – 2024-12-31)**



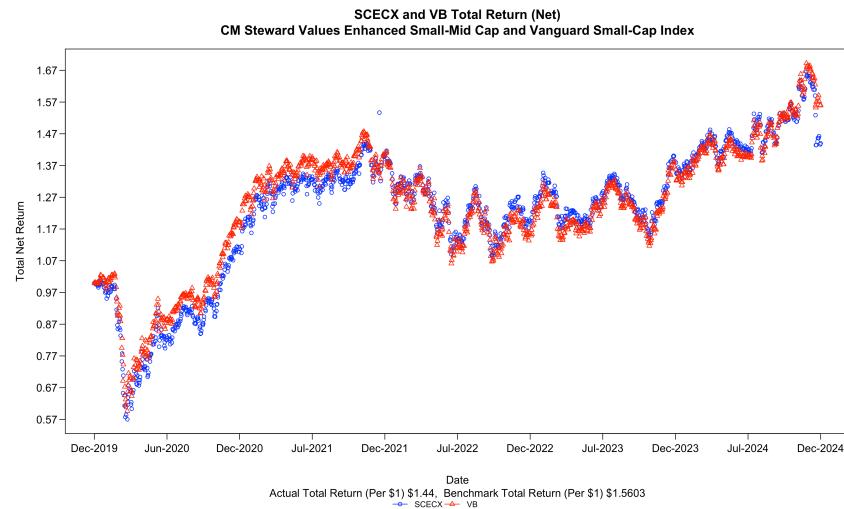
*Pair 3. Univariate Statistics (SCECX and VB, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	SCECX	VB
TRMax	1.136	2.030	1.665	1.692
TRMin	1.000	0.697	0.570	0.596
AMean	2.574	17.010	11.823	12.873
StdDev	0.151	20.927	27.874	25.417
Skewness	0.174	-0.549	-0.581	-0.669
Kurtosis	1.211	15.009	17.062	12.268
GMean	2.585	14.531	7.563	9.302
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.156	-0.067
SC2	0.998	0.110	0.137	0.109
SC3	0.997	-0.035	-0.052	-0.025
SC4	0.997	-0.050	-0.034	-0.052
SC5	0.996	0.052	0.039	0.028
Sharpe	0.000	0.690	0.332	0.405

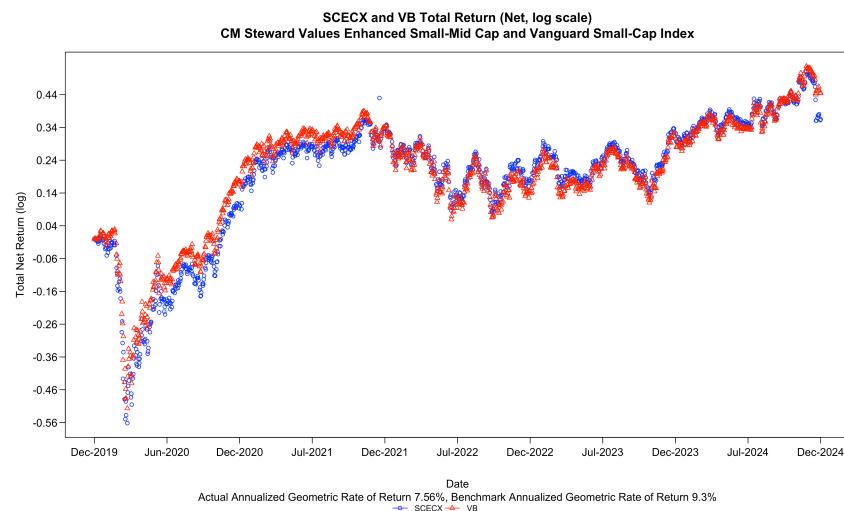
*Pair 3. Multivariate Statistics (SCECX and VB, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	SCECX	VB
Mean	2.574	17.010	11.823	12.873
Std Dev.	0.151	20.927	27.874	25.417
CMT1M Cor	1.000	0.008	-0.008	0.000
SPY Cor	0.008	1.000	0.824	0.904
ISMD Cor	-0.005	0.825	0.895	0.937
TPSC Cor	-0.004	0.814	0.904	0.941
SCECX Cor	-0.008	0.824	1.000	0.928
GSCYX Cor	-0.008	0.814	0.866	0.910
MMSIX Cor	0.000	0.827	0.916	0.953
VIOO Cor	-0.005	0.838	0.925	0.966
VSMAX Cor	0.000	0.904	0.930	0.998
VB Cor	0.000	0.904	0.928	1.000
Beta	0.000	1.000	1.097	1.098
Treynor	0.000	0.144	0.084	0.094
Jensen	-0.001	0.000	-6.589	-5.556

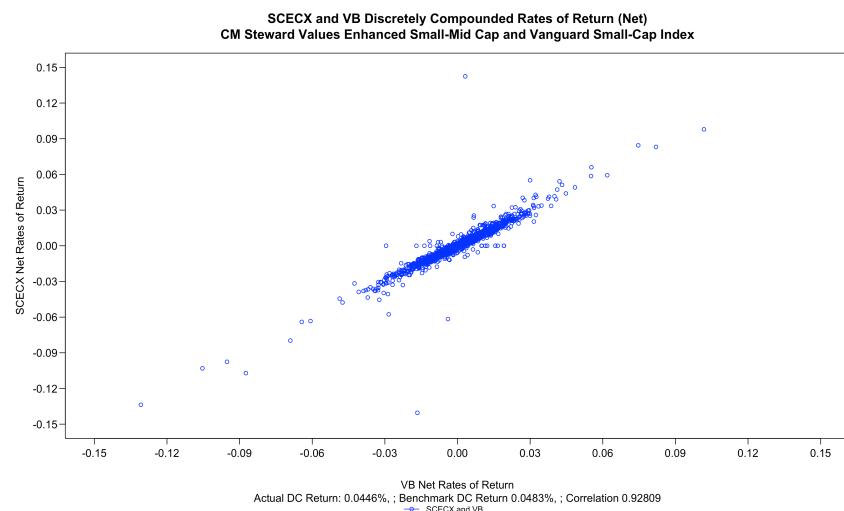
**Pair 3a. Total Return (SCECX and VB, 2019-12-31 – 2024-12-31)**



**Pair 3b. Log Total Return (SCECX and VB, 2019-12-31 – 2024-12-31)**



**Pair 3c. Rate of Return (SCECX and VB, 2019-12-31 – 2024-12-31)**



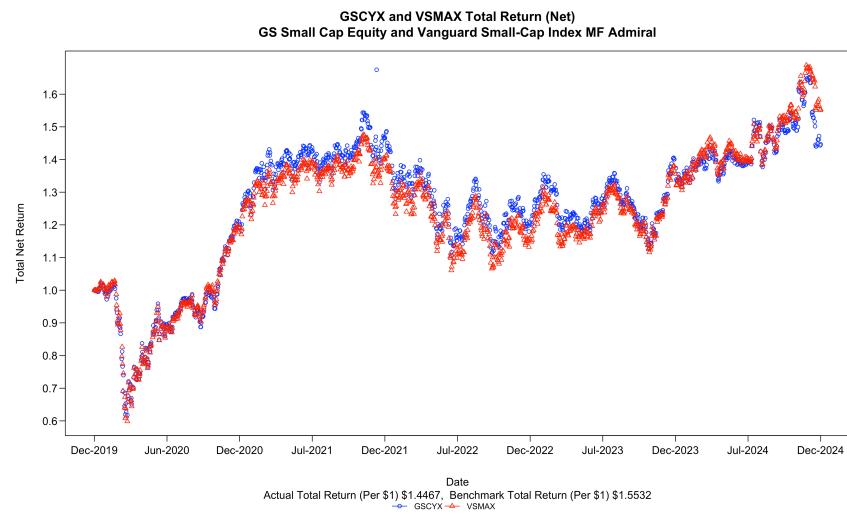
*Pair 4. Univariate Statistics (GSCYX and VSMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	GSCYX	VSMAX
TRMax	1.136	2.030	1.675	1.689
TRMin	1.000	0.697	0.618	0.599
AMean	2.574	17.010	11.976	12.852
StdDev	0.151	20.927	28.070	25.681
Skewness	0.174	-0.549	-0.343	-0.759
Kurtosis	1.211	15.009	18.665	13.300
GMean	2.585	14.531	7.662	9.202
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.159	-0.092
SC2	0.998	0.110	0.114	0.128
SC3	0.997	-0.035	-0.027	-0.037
SC4	0.997	-0.050	-0.037	-0.042
SC5	0.996	0.052	0.032	0.031
Sharpe	0.000	0.690	0.335	0.400

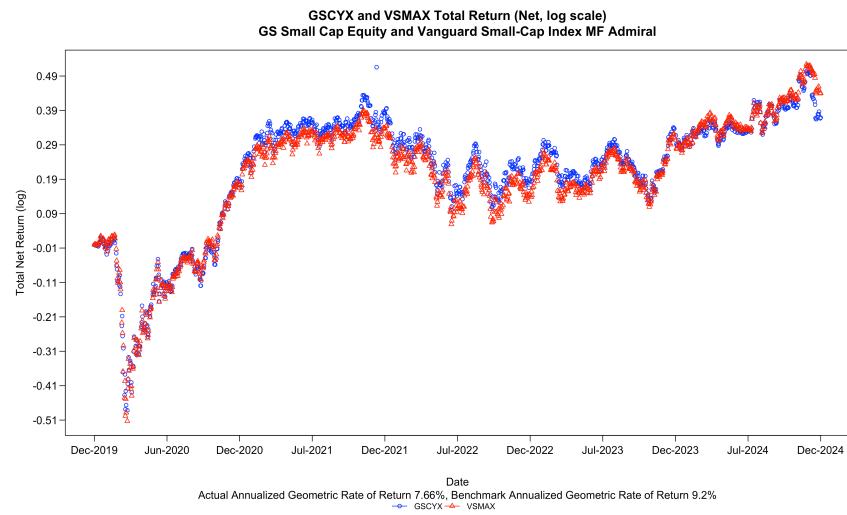
*Pair 4. Multivariate Statistics (GSCYX and VSMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	GSCYX	VSMAX
Mean	2.574	17.010	11.976	12.852
Std Dev.	0.151	20.927	28.070	25.681
CMT1M Cor	1.000	0.008	-0.008	0.000
SPY Cor	0.008	1.000	0.814	0.904
ISMD Cor	-0.005	0.825	0.879	0.940
TPSC Cor	-0.004	0.814	0.889	0.943
SCECX Cor	-0.008	0.824	0.866	0.930
GSCYX Cor	-0.008	0.814	1.000	0.913
MMSIX Cor	0.000	0.827	0.896	0.956
VIOO Cor	-0.005	0.838	0.908	0.967
VSMAX Cor	0.000	0.904	0.913	1.000
VB Cor	0.000	0.904	0.910	0.998
Beta	0.000	1.000	1.091	1.109
Treynor	0.000	0.144	0.086	0.093
Jensen	-0.001	0.000	-6.354	-5.739

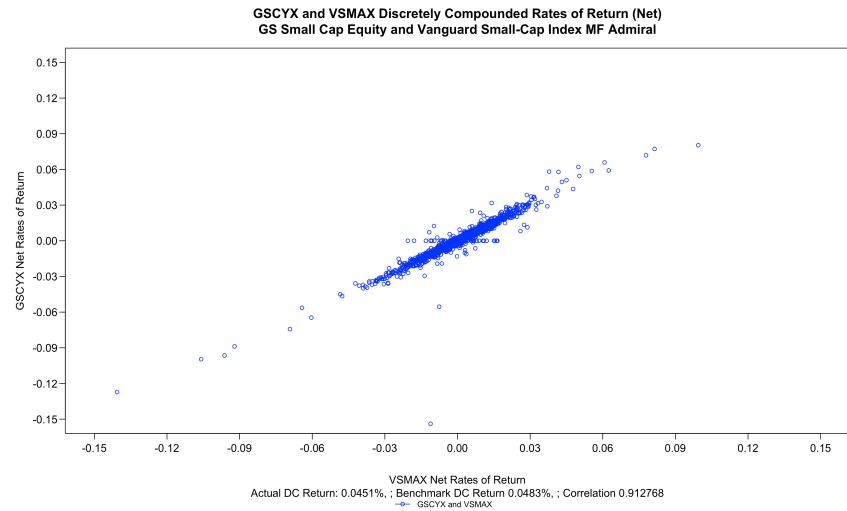
**Pair 4a. Total Return (GSCYX and VS MAX, 2019-12-31 – 2024-12-31)**



**Pair 4b. Log Total Return (GSCYX and VS MAX, 2019-12-31 – 2024-12-31)**



**Pair 4c. Rate of Return (GSCYX and VS MAX, 2019-12-31 – 2024-12-31)**



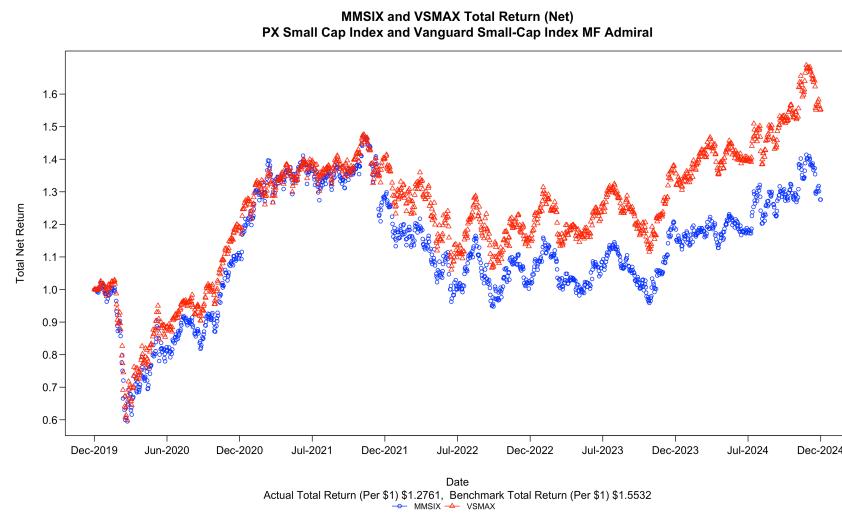
*Pair 5. Univariate Statistics (MMSIX and VSMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	MMSIX	VSMAX
TRMax	1.136	2.030	1.470	1.689
TRMin	1.000	0.697	0.595	0.599
AMean	2.574	17.010	9.104	12.852
StdDev	0.151	20.927	27.694	25.681
Skewness	0.174	-0.549	-0.550	-0.759
Kurtosis	1.211	15.009	10.587	13.300
GMean	2.585	14.531	4.994	9.202
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.106	-0.092
SC2	0.998	0.110	0.121	0.128
SC3	0.997	-0.035	-0.051	-0.037
SC4	0.997	-0.050	-0.046	-0.042
SC5	0.996	0.052	0.036	0.031
Sharpe	0.000	0.690	0.236	0.400

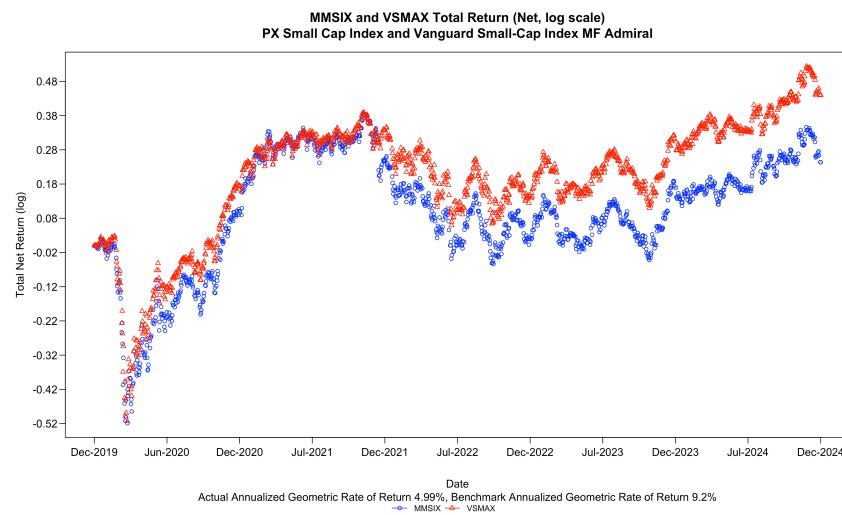
*Pair 5. Multivariate Statistics (MMSIX and VSMAX, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	MMSIX	VSMAX
Mean	2.574	17.010	9.104	12.852
Std Dev.	0.151	20.927	27.694	25.681
CMT1M Cor	1.000	0.008	0.000	0.000
SPY Cor	0.008	1.000	0.827	0.904
ISMD Cor	-0.005	0.825	0.950	0.940
TPSC Cor	-0.004	0.814	0.963	0.943
SCECX Cor	-0.008	0.824	0.916	0.930
GSCYX Cor	-0.008	0.814	0.896	0.913
MMSIX Cor	0.000	0.827	1.000	0.956
VIOO Cor	-0.005	0.838	0.985	0.967
VSMAX Cor	0.000	0.904	0.956	1.000
VB Cor	0.000	0.904	0.953	0.998
Beta	0.000	1.000	1.094	1.109
Treynor	0.000	0.144	0.060	0.093
Jensen	-0.001	0.000	-9.263	-5.739

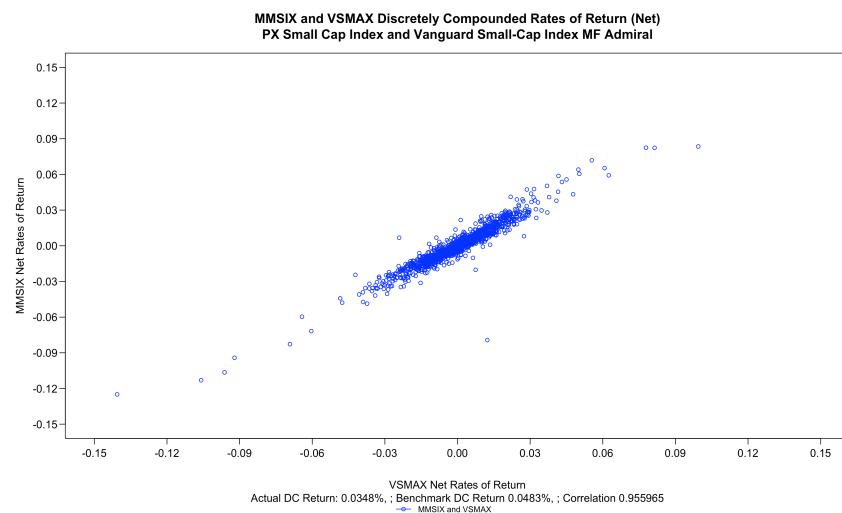
### **Pair 5a. Total Return (MMSIX and VS MAX, 2019-12-31 – 2024-12-31)**



### **Pair 5b. Log Total Return (MMSIX and VS MAX, 2019-12-31 – 2024-12-31)**



### **Pair 5c. Rate of Return (MMSIX and VS MAX, 2019-12-31 – 2024-12-31)**



## Small Cap, Growth

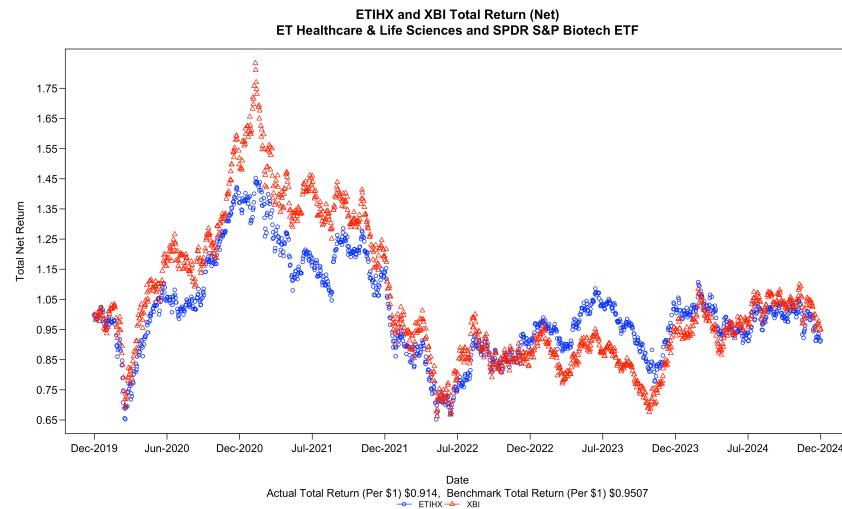
*Pair 1. Univariate Statistics (ETIHX and XBI, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ETIHX	XBI
TRMax	1.136	2.030	1.453	1.833
TRMin	1.000	0.697	0.652	0.662
AMean	2.574	17.010	2.821	5.393
StdDev	0.151	20.927	30.200	35.349
Skewness	0.174	-0.549	-0.210	-0.125
Kurtosis	1.211	15.009	6.340	4.676
GMean	2.585	14.531	-1.782	-1.005
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.054	-0.076
SC2	0.998	0.110	0.029	0.045
SC3	0.997	-0.035	-0.023	-0.045
SC4	0.997	-0.050	-0.005	-0.012
SC5	0.996	0.052	0.012	0.003
Sharpe	0.000	0.690	0.008	0.080

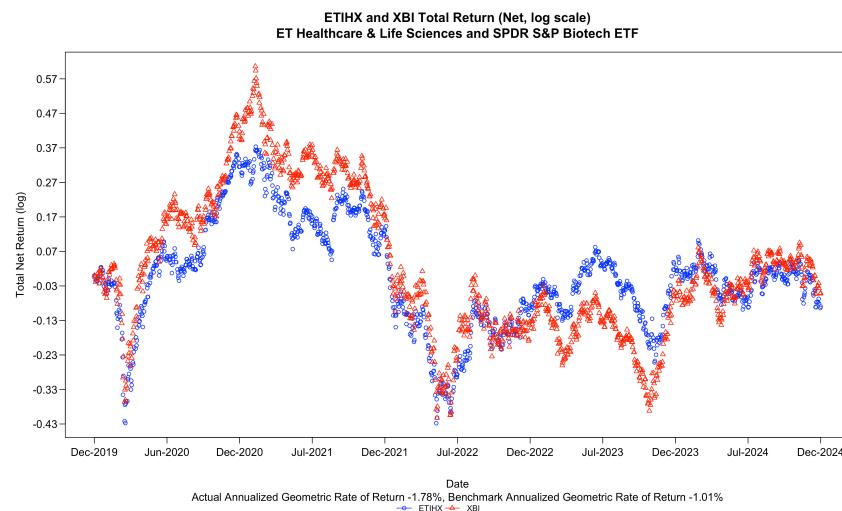
*Pair 1. Multivariate Statistics (ETIHX and XBI, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	ETIHX	XBI
Mean	2.574	17.010	2.821	5.393
Std Dev.	0.151	20.927	30.200	35.349
CMT1M Cor	1.000	0.008	0.005	0.006
SPY Cor	0.008	1.000	0.632	0.644
ETIHX Cor	0.005	0.632	1.000	0.917
AVEMX Cor	-0.008	0.799	0.553	0.549
XBI Cor	0.006	0.644	0.917	1.000
VBK Cor	0.006	0.893	0.785	0.798
Beta	0.000	1.000	0.912	1.088
Treynor	0.000	0.144	0.003	0.026
Jensen	-0.001	0.000	-12.919	-12.888

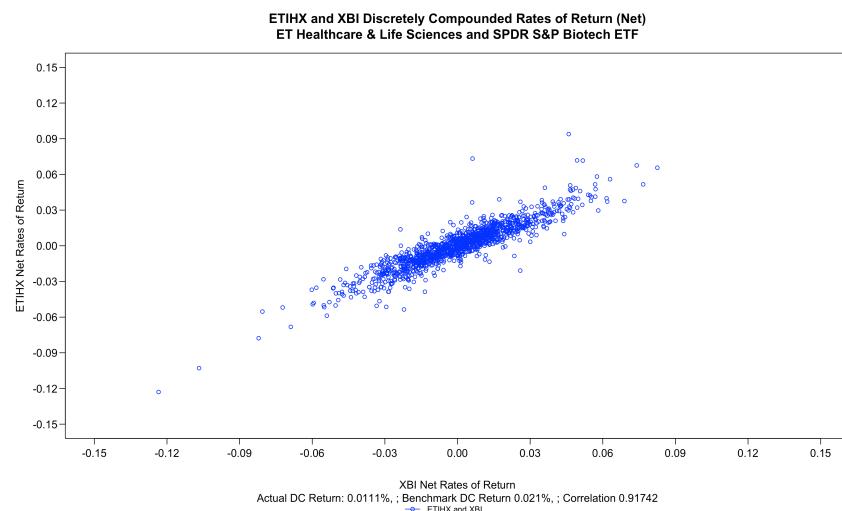
**Pair 1a. Total Return (ETIHX and XBI, 2019-12-31 – 2024-12-31)**



**Pair 1b. Log Total Return (ETIHX and XBI, 2019-12-31 – 2024-12-31)**



**Pair 1c. Rate of Return (ETIHX and XBI, 2019-12-31 – 2024-12-31)**



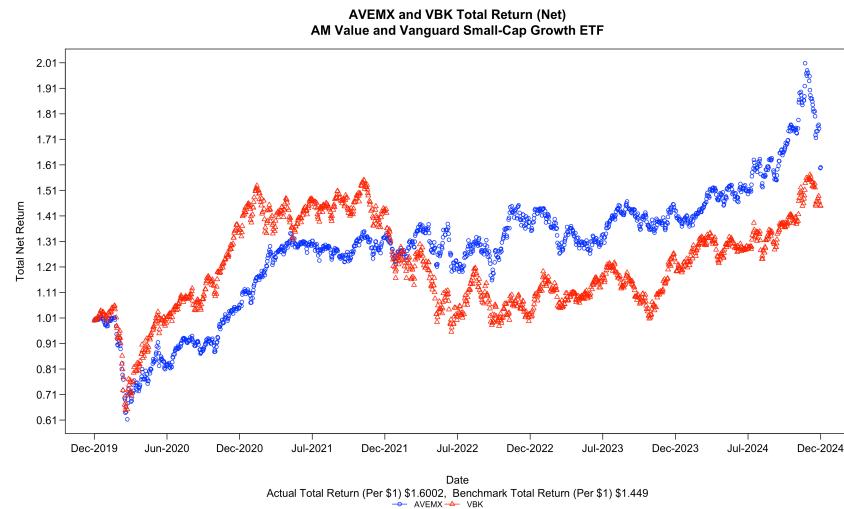
*Pair 2. Univariate Statistics (AVEMX and VBK, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	AVEMX	VBK
TRMax	1.136	2.030	2.008	1.572
TRMin	1.000	0.697	0.613	0.649
AMean	2.574	17.010	12.506	11.609
StdDev	0.151	20.927	21.961	26.745
Skewness	0.174	-0.549	-0.633	-0.609
Kurtosis	1.211	15.009	12.107	10.298
GMean	2.585	14.531	9.855	7.696
Count	1306.000	1306.000	1306.000	1306.000
SC1	0.999	-0.158	-0.003	-0.066
SC2	0.998	0.110	0.077	0.105
SC3	0.997	-0.035	-0.005	-0.027
SC4	0.997	-0.050	-0.025	-0.046
SC5	0.996	0.052	0.006	0.021
Sharpe	0.000	0.690	0.452	0.338

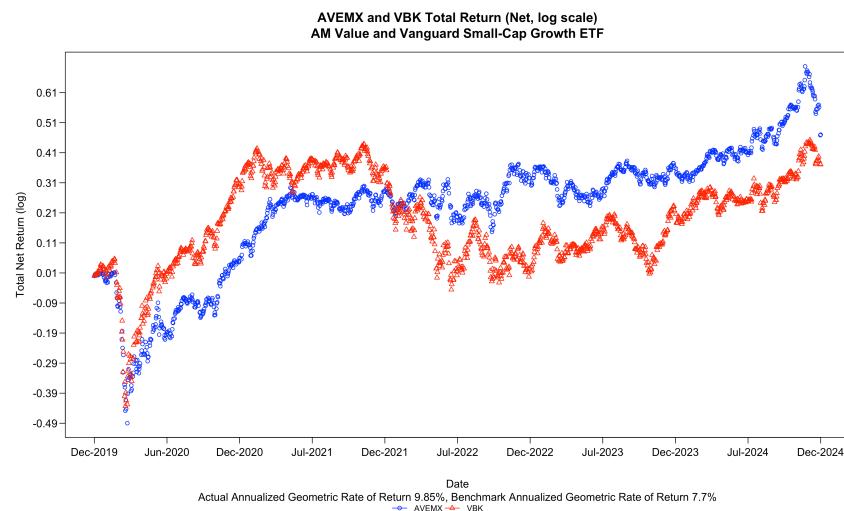
*Pair 2. Multivariate Statistics (AVEMX and VBK, 2019-12-31 – 2024-12-31)*

Name	CMT1M	SPY	AVEMX	VBK
Mean	2.574	17.010	12.506	11.609
Std Dev.	0.151	20.927	21.961	26.745
CMT1M Cor	1.000	0.008	-0.008	0.006
SPY Cor	0.008	1.000	0.799	0.893
ETIHX Cor	0.005	0.632	0.553	0.785
AVEMX Cor	-0.008	0.799	1.000	0.802
XBI Cor	0.006	0.644	0.549	0.798
VBK Cor	0.006	0.893	0.802	1.000
Beta	0.000	1.000	0.838	1.141
Treynor	0.000	0.144	0.119	0.079
Jensen	-0.001	0.000	-2.166	-7.440

**Pair 2a. Total Return (AVEMX and VBK, 2019-12-31 – 2024-12-31)**



**Pair 2b. Log Total Return (AVEMX and VBK, 2019-12-31 – 2024-12-31)**



**Pair 2c. Rate of Return (AVEMX and VBK, 2019-12-31 – 2024-12-31)**

