

Weekly ETF Equity Select List



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About the ETFG ETP Weekly Select List

The ETF Global Weekly ETF Select List has been designed to support both Financial Professionals and Investors with their respective Exchange-Traded-Fund selection processes. Once the investor's risk tolerance, investment goals and resulting asset-allocation have been determined, the ETFG Weekly ETF Select List points to the highest-rated ETFs to fit the investment needs and goals of that specific portfolio.

Developed by the Research Policy Committee at ETF Global, the ETFG Weekly ETF Select List features the 5 most highly rated ETFs by Sector, Geographic Region and Strategy as ranked by the ETFG Quant model. This weekly reference guide enables you to quickly and easily identify ETFs which meet your chosen criteria. Because the list highlights just five ETFs per category and the ETFG Quant model is cross-sectional in its rankings, each ETF on the list has earned its respective spot by achieving the highest relative scoring versus its eligible peer group. The universe of equity ETFs reviewed by ETFG® Quant represents the broadest range of industry groups, sectors and geographic regions.

- The selection pool includes all U.S. listed, equity ETFs, excluding levered and inverse funds.
- The ETFG® Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics.
- ETFG® Quant has four primary drivers: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality.
- Selection is performed prior to trading on Monday of each week.

To best support the ETF selection process, ETF Global strongly encourages viewers to perform a more comprehensive review of the overall ETFG Quant rankings and to utilize the additional tools and resources available at www.etfg.com to further research and diligence exchange-traded-funds.

About the ETFG® Quant Model

The universe of equity ETFs reviewed by ETFG® Quant represents the broadest range of industry groups, sectors and geographic regions. The ETFG Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics to gauge how likely an equity ETF will outperform the market in the foreseeable future. ETFG Quant evaluates four primary categories that drive the results of the model: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality. For detailed information regarding the ETFG Quant Model, please review the ETFG Quant White Paper at (www.etfg.com/quant-white-paper) or review all the Equity ETFs ranked by ETFG Quant at <http://www.etfg.com/research/quant>.

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Equity ETF Select List - Sectors

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	SGDM	Sprott Gold Miners ETF	Basic Materials	Global	0.57%	6.59	8.32	64.30
2	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.57%	6.55	8.22	63.40
3	MXI	iShares Global Materials ETF	Basic Materials	Global	0.47%	6.02	7.50	61.60
4	IRV	SPDR S&P International Materials Sector ETF	Basic Materials	Developed Markets	0.40%	5.41	7.36	59.00
5	XME	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35%	5.78	6.26	58.50
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	4.37	7.94	64.50
2	PEJ	Powershares Dynamic Leisure & Entertainment Portfolio	Consumer Discretionary	North America	0.63%	4.32	8.18	64.30
3	ECON	EGShares Emerging Markets Consumer ETF	Consumer Discretionary	Emerging Markets	0.85%	6.50	7.92	61.80
4	FXD	First Trust Consumer Discretionary AlphaDEX Fund	Consumer Discretionary	North America	0.70%	3.76	6.84	57.30
5	IPD	SPDR S&P International Consumer Discretionary Sector ETF	Consumer Discretionary	Developed Markets	0.40%	4.79	7.24	57.20
1	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	Consumer Staples	North America	0.29%	3.22	7.49	64.10
2	IYK	iShares US Consumer Goods ETF	Consumer Staples	North America	0.43%	3.48	5.60	52.90
3	FSTA	Fidelity MSCI Consumer Staples Index ETF	Consumer Staples	North America	0.08%	1.68	5.75	52.90
4	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	2.22	5.27	52.70
5	FXG	First Trust Consumer Staples AlphaDEX Fund	Consumer Staples	North America	0.67%	3.56	3.75	44.60
1	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	6.02	9.12	71.00
2	IEO	iShares U.S. Oil & Gas Exploration & Production ETF	Energy	North America	0.43%	5.57	8.61	69.70
3	XOP	SPDR S&P Oil & Gas Exploration & Production ETF	Energy	North America	0.35%	5.64	8.30	69.70
4	PXJ	PowerShares Dynamic Oil & Gas Services Portfolio	Energy	North America	0.61%	6.76	8.89	69.20
5	PXI	PowerShares DWA Energy Momentum Portfolio	Energy	North America	0.60%	6.85	8.19	66.80
1	EUFN	iShares MSCI Europe Financials ETF	Financials	Europe	0.48%	5.08	7.09	58.40
2	IYG	iShares U.S. Financial Services ETF	Financials	North America	0.43%	4.19	6.52	55.10
3	KBWB	PowerShares KBW Bank Portfolio	Financials	North America	0.35%	3.69	6.15	55.00
4	CHIX	Global X China Financials ETF	Financials	Asia-Pacific	0.65%	4.64	7.14	54.80
5	FXO	First Trust Financial AlphaDEX Fund	Financials	North America	0.80%	3.74	6.29	54.40
1	XBI	SPDR S&P Biotech ETF	Health Care	North America	0.35%	4.95	8.32	65.20
2	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.48%	4.74	8.44	64.90
3	BBP	BioShares Biotechnology Products ETF	Health Care	North America	0.85%	6.80	8.80	64.90
4	PPH	VanEck Vectors Pharmaceutical ETF	Health Care	Global	0.35%	4.27	8.27	64.70
5	PBE	Powershares Dynamic Biotechnology & Genome Portfolio	Health Care	North America	0.59%	5.40	6.90	58.20
1	IYT	iShares Transportation Average ETF	Industrials	North America	0.43%	5.21	9.08	73.20
2	XTN	SPDR S&P Transportation ETF	Industrials	North America	0.35%	3.95	9.28	73.00
3	CARZ	First Trust NASDAQ Global Auto Index Fund	Industrials	Global	0.70%	5.46	9.17	67.80
4	FLM	First Trust ISE Global Engineering and Construction Index Fund	Industrials	Global	0.70%	7.40	8.15	65.90
5	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	4.76	7.57	64.10
1	WOOD	iShares Global Timber & Forestry ETF	Natural Resources	Global	0.47%	6.04	8.54	66.90
2	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	3.78	7.66	61.80
3	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.45%	5.33	7.61	60.10
4	SOIL	Global X Fertilizers/Potash ETF	Natural Resources	Global	0.69%	6.45	7.47	59.10

5	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70%	4.34	7.35	58.40
1	PXQ	Powershares Dynamic Networking Portfolio	Technology	North America	0.63%	5.48	8.48	65.40
2	IPK	SPDR S&P International Technology Sector ETF	Technology	Developed Markets	0.40%	5.03	8.39	64.50
3	IYW	iShares US Technology ETF	Technology	North America	0.43%	3.63	8.05	62.90
4	SOXX	iShares PHLX Semiconductor ETF	Technology	North America	0.47%	4.29	7.23	62.00
5	CQQQ	Guggenheim China Technology ETF	Technology	Asia-Pacific	0.70%	6.52	8.47	61.20
1	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	3.96	6.99	58.60
2	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	2.93	5.95	52.70
3	VOX	Vanguard Telecommunication Services ETF	Telecommunications	North America	0.10%	4.42	5.59	51.50
4	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.47%	5.43	4.76	46.40
5	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	4.30	4.35	45.20
1	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	3.48	5.60	54.20
2	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	2.82	5.76	53.20
3	DBU	WisdomTree Global ex-US Utility Fund	Utilities	Global Ex-U.S.	0.58%	5.99	4.87	48.30
4	JXI	iShares Global Utilities ETF	Utilities	Global	0.47%	5.43	4.30	46.60
5	RYU	Guggenheim S&P 500 Equal Weight Utilities ETF	Utilities	North America	0.40%	4.77	4.02	46.50

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Equity ETF Select List - Geography

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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	EWY	iShares MSCI South Korea Capped ETF	Asia-Pacific	Broad Equity	0.62%	4.59	9.28	71.80
2	FNI	First Trust ISE Chindia Index Fund	Asia-Pacific	Broad Equity	0.60%	5.55	10.00	69.50
3	EWH	iShares MSCI Hong Kong ETF	Asia-Pacific	Broad Equity	0.48%	2.30	8.63	66.80
4	EWJ	iShares MSCI Japan ETF	Asia-Pacific	Broad Equity	0.48%	1.32	8.13	66.40
5	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.73%	5.12	8.49	65.70
1	EWP	iShares MSCI Spain Capped ETF	Europe	Broad Equity	0.48%	5.81	8.85	67.40
2	FEZ	SPDR EURO STOXX 50 ETF	Europe	Large Cap	0.29%	4.55	7.95	65.40
3	HEWU	iShares Currency Hedged MSCI United Kingdom ETF	Europe	Large Cap	0.48%	4.11	8.14	64.60
4	HEWL	iShares Currency Hedged MSCI Switzerland ETF	Europe	Large Cap	0.51%	4.80	8.02	63.90
5	EWG	iShares MSCI Germany ETF	Europe	Broad Equity	0.48%	3.38	7.61	63.20
1	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	6.02	9.12	71.00
2	CARZ	First Trust NASDAQ Global Auto Index Fund	Global	Industrials	0.70%	5.46	9.17	67.80
3	WOOD	iShares Global Timber & Forestry ETF	Global	Natural Resources	0.47%	6.04	8.54	66.90
4	FLM	First Trust ISE Global Engineering and Construction Index Fund	Global	Industrials	0.70%	7.40	8.15	65.90
5	GHII	Guggenheim S&P High Income Infrastructure ETF	Global	High Dividend Yield	0.45%	6.24	8.35	65.20
1	TLTD	FlexShares Morningstar Developed Markets ex-US Factor Tilt Ind	Global Ex-U.S.	Broad Equity	0.42%	5.25	9.55	67.40
2	IVLU	iShares Edge MSCI Intl Value Factor ETF	Global Ex-U.S.	Large Cap	0.30%	4.64	7.73	61.40
3	IMTM	iShares Edge MSCI Intl Momentum Factor ETF	Global Ex-U.S.	Broad Equity	0.30%	5.78	7.50	60.30
4	IPKW	PowerShares International BuyBack Achievers Portfolio	Global Ex-U.S.	Alpha-Seeking	0.55%	3.53	7.49	60.10
5	JPIN	Diversified Return International Equity ETF	Global Ex-U.S.	Broad Equity	0.43%	4.58	7.14	60.00
1	FLN	First Trust Latin America AlphaDEX Fund	Latin America	Broad Equity	0.80%	7.27	8.94	67.60
2	EWZ	iShares MSCI Brazil Capped ETF	Latin America	Broad Equity	0.62%	6.55	7.87	63.00
3	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	6.53	7.39	60.90
4	BRF	VanEck Vectors Brazil Small-Cap ETF	Latin America	Small Cap	0.60%	7.62	7.55	59.40
5	EPU	iShares MSCI All Peru Capped ETF	Latin America	Broad Equity	0.62%	6.53	7.20	59.10
1	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.62%	6.98	8.12	61.50
2	NGE	Global X MSCI Nigeria ETF	Middle East & Africa	Broad Equity	0.68%	6.54	6.97	55.10
3	UAE	iShares MSCI UAE Capped ETF	Middle East & Africa	Broad Equity	0.63%	5.58	5.97	50.70
4	GAF	SPDR S&P Emerging Middle East & Africa ETF	Middle East & Africa	Broad Equity	0.49%	6.72	6.02	49.80
5	QAT	iShares MSCI Qatar Capped ETF	Middle East & Africa	Broad Equity	0.63%	6.18	5.66	49.30
1	IYT	iShares Transportation Average ETF	North America	Industrials	0.43%	5.21	9.08	73.20
2	XTN	SPDR S&P Transportation ETF	North America	Industrials	0.35%	3.95	9.28	73.00
3	IEO	iShares U.S. Oil & Gas Exploration & Production ETF	North America	Energy	0.43%	5.57	8.61	69.70
4	XOP	SPDR S&P Oil & Gas Exploration & Production ETF	North America	Energy	0.35%	5.64	8.30	69.70
5	PXSV	PowerShares Russell 2000 Pure Value Portfolio	North America	Small Cap	0.39%	3.63	9.49	69.50
1	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	6.36	9.44	71.00
2	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.69%	5.56	8.92	68.30

3	FEM	First Trust Emerging Markets AlphaDEX Fund	Emerging Markets	Broad Equity	0.80%	6.34	8.46	65.40
4	GMM	SPDR S&P Emerging Markets ETF	Emerging Markets	Broad Equity	0.59%	6.45	8.46	63.50
5	JPEM	JPMorgan Diversified Return Emerging Markets Equity ETF	Emerging Markets	Broad Equity	0.45%	5.32	8.47	63.00
1	FDT	First Trust Developed Markets ex-US AlphaDEX Fund	Developed Markets	Broad Equity	0.80%	5.42	8.08	65.00
2	IPK	SPDR S&P International Technology Sector ETF	Developed Markets	Technology	0.40%	5.03	8.39	64.50
3	DLS	WisdomTree International SmallCap Dividend Fund	Developed Markets	Small Cap	0.58%	5.53	8.34	64.40
4	IEFA	iShares Core MSCI EAFE ETF	Developed Markets	Broad Equity	0.12%	3.01	7.93	64.00
5	IPN	SPDR S&P International Industrials Sector ETF	Developed Markets	Industrials	0.40%	5.33	7.29	61.40

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Equity ETF Select List - Strategies

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return In	Alpha-Seeking	North America	0.75%	7.94	9.03	63.30
2	TTFS	Wilshire Buyback ETF	Alpha-Seeking	North America	0.90%	4.59	7.78	61.00
3	IPKW	PowerShares International BuyBack Achievers Portfolio	Alpha-Seeking	Global Ex-U.S.	0.55%	3.53	7.49	60.10
4	DWAQ	PowerShares DWA NASDAQ Momentum Portfolio	Alpha-Seeking	North America	0.60%	6.20	7.35	59.40
5	MOAT	VanEck Vectors Wide Moat ETF	Alpha-Seeking	North America	0.49%	3.40	7.10	59.40
1	EWY	iShares MSCI South Korea Capped ETF	Broad Equity	Asia-Pacific	0.62%	4.59	9.28	71.80
2	FNI	First Trust ISE Chindia Index Fund	Broad Equity	Asia-Pacific	0.60%	5.55	10.00	69.50
3	EEM	iShares MSCI Emerging Markets ETF	Broad Equity	Emerging Markets	0.69%	5.56	8.92	68.30
4	EWC	iShares MSCI Canada ETF	Broad Equity	North America	0.48%	3.68	8.41	67.90
5	FLN	First Trust Latin America AlphaDEX Fund	Broad Equity	Latin America	0.80%	7.27	8.94	67.60
1	GHII	Guggenheim S&P High Income Infrastructure ETF	High Dividend Yield	Global	0.45%	6.24	8.35	65.20
2	WDIV	SPDR S&P Global Dividend ETF	High Dividend Yield	Global	0.40%	4.70	7.95	64.80
3	DVYE	iShares Emerging Markets Dividend ETF	High Dividend Yield	Emerging Markets	0.49%	5.86	7.48	61.50
4	DGRO	iShares Core Dividend Growth ETF	High Dividend Yield	North America	0.12%	1.08	7.07	60.00
5	LVL	Guggenheim S&P Global Dividend Opportunities Index ETF	High Dividend Yield	Global	1.08%	6.00	7.16	59.40
1	HTUS	Hull Tactical US ETF	Long/Short	North America	1.00%	3.43	7.84	59.10
2	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.76%	2.36	5.87	51.70
3	CHEP	QuantShares U.S. Market Neutral Value Fund	Long/Short	North America	1.49%	6.89	6.26	51.10
4	DIVA	QuantShares Hedged Dividend Income Fund	Long/Short	North America	0.99%	7.16	6.14	50.80
5	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	0.99%	5.44	5.51	50.60
1	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.00	6.06	51.80
2	FPE	First Trust Preferred Securities and Income ETF	Preferred Stock	Global	0.87%	2.41	6.30	51.00
3	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.40%	2.26	6.00	50.70
4	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	3.94	5.32	50.00
5	PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.47%	2.54	4.56	45.60
1	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	6.36	9.44	71.00
2	ROBO	Robo-Stox Global Robotics & Automation Index ETF	Theme	Global	0.95%	5.86	8.03	62.40
3	PXR	PowerShares Emerging Markets Infrastructure Portfolio	Theme	Emerging Markets	0.76%	7.39	7.78	62.10
4	ARKQ	ARK Industrial Innovation ETF	Theme	Global	0.95%	5.81	7.89	60.50
5	USWD	WisdomTree Weak Dollar U.S. Equity Fund	Theme	North America	0.33%	6.59	6.93	58.30
1	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.73%	5.12	8.49	65.70
2	FEZ	SPDR EURO STOXX 50 ETF	Large Cap	Europe	0.29%	4.55	7.95	65.40
3	AIA	iShares Asia 50 ETF	Large Cap	Asia-Pacific	0.50%	4.56	8.28	65.20
4	HEWU	iShares Currency Hedged MSCI United Kingdom ETF	Large Cap	Europe	0.48%	4.11	8.14	64.60
5	ADRA	BLDRS Asia 50 ADR Index Fund	Large Cap	Asia-Pacific	0.30%	5.05	8.65	64.50
1	JKI	iShares Morningstar Mid-Cap Value ETF	Mid Cap	North America	0.30%	4.35	7.58	63.00
2	IVOV	Vanguard S&P Mid-Cap 400 Value ETF	Mid Cap	North America	0.20%	4.05	7.56	62.60

3	PXMV	PowerShares Russell Midcap Pure Value Portfolio	Mid Cap	North America	0.40%	3.46	7.86	62.40
4	FNK	First Trust Mid Cap Value AlphaDEX Fund	Mid Cap	North America	0.70%	3.40	7.59	62.30
5	IJH	iShares Core S&P Mid-Cap ETF	Mid Cap	North America	0.12%	3.99	7.12	61.40
1	PXSV	PowerShares Russell 2000 Pure Value Portfolio	Small Cap	North America	0.39%	3.63	9.49	69.50
2	HAO	Guggenheim China Small Cap ETF	Small Cap	Asia-Pacific	0.75%	6.29	9.04	65.40
3	IWN	iShares Russell 2000 Value ETF	Small Cap	North America	0.25%	3.95	8.11	64.60
4	DLS	WisdomTree International SmallCap Dividend Fund	Small Cap	Developed Markets	0.58%	5.53	8.34	64.40
5	IWM	iShares Russell 2000 ETF	Small Cap	North America	0.20%	3.93	7.94	64.20
1	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.27	7.52	60.00
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	4.98	7.59	60.00
3	PZI	Powershares Zacks Micro Cap Portfolio	Micro Cap	North America	0.91%	4.67	6.96	57.40
4	WMCR	Wilshire Micro-Cap ETF	Micro Cap	North America	0.58%	4.60	6.22	52.30

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Key

***ETF Global 10 Red Diamond Risk Rating:** An ETF 10 Red Diamond Risk Rating represents the ETFs with the highest risk rating. A 1 Red Diamond Risk Rating represents the ETFs with the lowest risk ratings. ETFG's Risk Rating measures two primary risk categories: Price Risk and Integrity Risk. Price and Integrity risk are equally weighted in the overall risk rating with Price Risk calculating 7 equally weighted underlying measurements covering such aspects as volatility and deviation. Integrity Risk calculates 8 equally weighted underlying measurements regarding the structure and trading characteristics of the security and its sponsor. The Overall Risk Rating Score is aggregated and carried to two decimal places to generate the ETFG Red Diamond Risk Rating. ◆◆◆◆◆◆◆◆◆◆

***ETF Global 10 Green Diamond Reward Rating:** An ETF Global 10 Green Diamond Reward Rating reflects an ETF with the most attractive reward rating and a Green Diamond Reward Rating of 1 reflects an individual ETF carrying the least attractive reward rating. ETFG's Green Diamond Reward Rating System is calculated utilizing the ETFG proprietary Model measuring two primary reward categories: Fundamental and Behavioral. Fundamental and Behavioral are equally weighted and driven by ETFG's proprietary algorithms in 25 underlying fields. The Overall Rating Score is aggregated and carried to two decimal places to generate the Reward Rating. ◆◆◆◆◆◆◆◆◆◆

***About the ETFGSM Quant Model:** The universe of equity ETFs reviewed by ETFGSM Quant represents the broadest range of industry groups, sectors and geographic regions. The ETFGSM Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics to gauge how likely an equity ETF will outperform the market in the foreseeable future. ETFGSM Quant evaluates four primary categories that drive the results of the model: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality. For detailed information regarding the ETFGSM Quant Model, please review the ETFGSM Quant White Paper at (www.etfg.com/quant-white-paper) or review all the Equity ETFs ranked by ETFG Quant at <http://www.etfg.com/research/quant>.

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