Calamos Alternatives Snapshot

January 27, 2020 (data as of January 24, 2020 unless indicated)

	$C \wedge L \wedge M \cap S^{\circ}$
	INVESTMENTS

MORNINGSTAR ALTERNATIVE CATEGORIES¹

Does Alphabetical Order Offer an Unfair Advantage in	
401(k) Options?	S&P 500
Though suspected for a while, a new bias in 401(k)	Russell 3000
investing—"alphabeticity bias"—has been confirmed by a	Russell 2000
recent paper in the academic journal <i>The Financial Review</i> ,	Russell 1000
as reported by Pensions & Investments. Investments that	Russell Mid Cap
appear higher up on alphabetically listed lineups are what participants select the most. The bias exists regardless of	MSCI EM
the length of the lineup, surfacing even in plans with fewer	
the length of the lineap, surfacing even in plans with lewer	MSCI ACWI

BROAD INDEX PERFORMANCE1

-2.21

-0.33

PROFESSIONAL USE ONLY.

1.47

Study sponsors expressed surprise at the magnitude of the bias: Funds that appear at the top of the list receive roughly a 20% higher allocation than those that appear at the bottom.

Since at least 2007, most plan lineups are typically organized by asset class, which are then alphabetized (there is no word whether the order advantages Alternatives). Two ideas proposed by the study: that sponsors and record keepers list investments options in ascending order by expense ratio or by the level of fund volatility.

Economic Releases vs. Consensus (week of 1/20)

Existing Home Sales (Dec): 5.54M vs. 5.43M Initial Jobless Claims: 211K vs. 215K

Economic Releases (week of 1/27)

New Home Sales (1/27)

WEEKLY HEADLINES

than 10 fund choices.

FOMC Announcement (1/29)

GDP (1/30)

MORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL) ¹							
	Last	2 Wks	3 Wks	4 Wks	Weekly		
	Week	Ago	Ago	Ago	Streak		
Market Neutral	307	121	111	59	3		
Long-Short Equity	189	(4)	(60)	(48)	1		
Multialternative	176	87	195	111	5		
Commodities Broad	37	24	(56)	(45)	2		
Energy LPs	36	81	136	(71)	3		
Managed Futures	23	18	7	(57)	3		
Convertibles	15	17	80	15	4		
Options-based	13	(3)	65	3	1		
Nontraditional Bond	4	58	42	93	4		
Bear Market	(0)	1	(0)	3	(1)		
Multicurrency	(1)	(3)	(9)	(11)	(11)		
Long-Short Credit	(4)	(15)	(15)	(37)	(3)		
Real Estate	(13)	(38)	(55)	(21)	(3)		

	IVISCI AC	VVI		-1.01	1.50	1.5	0 1	1.50
ı	MSCI Wo	SCI World		-0.82	1.64	1.6	4 1	1.64
١	MSCI EAF	E		-0.61	0.43	0.4	3 ().43
ı	ICE BofAI	VIL Glob	al Cv Index	· -0.05	2.40	2.4	0 2	2.40
ı	ICE BofAI	ML All U	.S. Cv (VXA	(0. 09	3.61	3.6	1 3	3.61
ICE BofAML US HY Master II			-0.42	0.33	0.3	3 ().33	
BBgBarc US Agg Bond			0.79	1.30	1.3	0 1	1.30	
BBgBarc US Govt/Credit			1.02	1.60	1.6	0 1	1.60	
(соммо	DITIES	2					
				1.24.20	1.17.20	12.31	.19 1.	24.
(Gold			1562	1557	152	3 1	28
Oil			58.3	58.2	61.	7 5	52.9	
(Gasoline			2.54	2.57	2.5	7 2	2.25
L								
MARKET PULSE ¹								
ı	MARK	ET PUL	SE ¹					
		ET PUL		As of	YEAF	R-TO-DA	ATE	-
				As of 1/24/2020	YEAF VALUE		ATE GROWTH	
	MON VALUE	NTH-TO- CORE	DATE GROWTH	1/24/2020	VALUE	CORE	GROWTH	
	MON	NTH-TO-	DATE					
	MON VALUE 0.17	OTH-TO- CORE 2.20	DATE GROWTH 4.12	1/24/2020 LARGE	0.17	2.20	GROWTH 4.12	1
	MON VALUE	NTH-TO- CORE	DATE GROWTH	1/24/2020	VALUE	CORE	GROWTH	4

SMALL

Past performance is not indicative of future results. This material is provided for internal and educational purposes only and should not be construed as investment advice or an offer or solicitation to buy or sell securities. Source: 1Morningstar (Net Flows as of previous Wed.), 2St. Louis Federal Reserve (FRED Database). FOR INVESTMENT

-2.21

-0.33

1.47

1 week

-1.01

-1.05

-2.19

-0.97

-1.07

-2.39

-1 01

MTD

2.10

2.04

-0.33

2.20

1.66

0.46

1 50

OTD

2.10

2.04

-0.33

2.20

1.66

0.46

1 50

YTD

2.10

2.04

-0.33

2.20

1.66

0.46

1 50

		1 week	MTD	QTD	YTD
	Bear Market	2.52	-1.39	-1.39	-1.39
	Real Estate	0.58	2.63	2.63	2.63
	Long-Short Credit	0.29	1.09	1.09	1.09
	Commodities Precious Metals	0.23	3.87	3.87	3.87
	Multicurrency	-0.08	-0.26	-0.26	-0.26
	Market Neutral	-0.11	-0.02	-0.02	-0.02
	Nontraditional Bond	-0.11	0.31	0.31	0.31
	Convertibles	-0.18	2.89	2.89	2.89
	Multialternative	-0.38	0.58	0.58	0.58
	Options-based	-0.53	0.58	0.58	0.58
	Managed Futures	-0.61	1.94	1.94	1.94
	Long-Short Equity	-0.81	0.72	0.72	0.72
	Commodities Broad Basket	-3.25	-4.06	-4.06	-4.06
	Energy Limited Partnership	-4.57	-2.15	-2.15	-2.15
	BOND RATES ²				
9		1.24.20	1.17.20	12.31.19	1.24.1
	Effective Fed Funds Rate	1.55	1.54	1.55	2.40
	2-Year Treasury	1.51	1.58	1.58	2.56
	10-Year Treasury	1.74	1.81	1.92	2.72
	ICE BofAML US Corp. AAA	2.40	2.50	2.55	3.42

LIQUID ALTERNATIVES THE YEAR IN REVIEW REA





Definitions and Disclosures

The Nontraditional Bond category contains funds that pursue strategies divergent in one or more ways from conventional practice in the broader bond-fund universe. Multialternative funds offer investors exposure to several different alternative investment tactics. Funds in this category have a majority of their assets exposed to alternative strategies. Bear Market funds dedicate a majority of the fund's assets to equities. Most of the portfolio is dedicated to short stock positions in an attempt to take advantage of anticipated market or stock declines. Managed Futures funds primarily trade liquid global futures, options, swaps, and foreign exchange contracts, both listed and over-the-counter. Commodities Broad-basket portfolios can invest in a diversified basket of commodity goods including but not limited to grains, minerals, metals, livestock, cotton, oils, sugar, coffee, and cocoa. Commodities Precious Metals can invest in precious metals such as gold, silver, platinum, and palladium. Energy Limited Partnership strategies invest a significant amount of their portfolio in energy master limited partnerships, also known as MLPs. Multicurrency portfolios invest in multiple currencies through the use of short-term money market instruments; derivative instruments including and not limited to forward currency contracts, index swaps, and options; and cash deposits. Market Neutral funds attempt to reduce systematic risk created by factors such as exposures to sectors, market-cap ranges, investment styles, currencies, and/or countries. Real Estate portfolios invest primarily in real estate investment trusts of various types. REITs are companies that develop and manage real estate properties. Convertible-bond portfolios are designed to offer some of the capital-appreciation potential of stock portfolios while also supplying some of the safety and yield of bond portfolios. Options-based funds use options are a central component of their investment strategies. Long-Short Credit funds seek to profit from changes in the cr

The S&P 500 Index is considered generally representative of the U.S. equity market. The MSCI World Index is considered generally representative of the market for developed market equities. The MSCI Emerging Markets Index is a free float adjusted market capitalization index cited as a measure of the performance of emerging market equities. The MSCI ACWI Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. The MSCI EAFE Index (Europe, Australasia, Far East) is a free float-adjusted market capitalization index that is designed to measure the equity market performance of developed markets, excluding the US & Canada. The Russell 3000 Index measures the performance of 3,000 publicly held US companies based on total market capitalization, which represents approximately 98% of the investable US equity market. The Russell 2000 Index measures the performance of the small-cap segment of the U.S. equity universe and includes approximately 2000 of the smallest securities based on a combination of their market cap and current index membership. The Russell 1000 Index measures the performance of the large-cap segment of the U.S. equity universe and includes approximately 1000 of the largest securities based on a combination of their market cap and current index membership. The Russell Midcap Index measures the performance of the mid-cap segment of the U.S. equity universe and includes approximately 800 of the smallest securities based on a combination of their market cap and current index membership. The ICE BofA U.S. High Yield Master II Index tracks the performance of U.S. dollar denominated below investment grade rated corporate debt publically issued in the U.S. domestic market. The Bloomberg Barclays Capital U.S. Aggregate Bond Index covers the U.S.-denominated, investment-grade, fixed-rate, taxable bond market of SEC registered securities. The Bloomberg Barclays U.S. Government/Credit Index is comprised of long-term government and investment-grade corporate debt securities and is generally considered representative of the performance of the broad U.S. bond market. The ICE BofA Global 300 Cv Index (VG00) is a \$US/Local-denominated unmanaged index generally indicative of the overall global convertible market. The ICE BofA All U.S. Convertibles Index (VXAO) is comprised of approximately 700 issues of only convertible bonds and preferreds of all qualities. Source ICE Data Indices, LLC, used with permission. ICE permits use of the ICE BofA Indices and related data on an 'as is' basis, makes no warranties regarding same, does not guarantee the suitability, quality, accuracy, timeliness, and/or completeness of the ICE BofA Indices or data included in, related to, or derived therefrom, assumes no liability in connection with the use of the foregoing and does not sponsor, endorse or recommend Calamos Advisors LLC or any of its products or services.

Oil - West Texas Intermediate (WTI - Cushing): A crude stream produced in Texas and southern Oklahoma which serves as a reference or "marker" for pricing a number of other crude streams and which is traded in the domestic spot market at Cushing, Oklahoma. Gasoline: Weighted average based on sampling of approximately 900 retail outlets, 8:00AM Monday. The price represents self-service unless only full-service is available and includes all taxes. Gold - Gold Fixings Price: The Fixings are an open process at which market participants can transact business on the basis of a single quoted price. Orders can be changed throughout the proceedings as the price is moved higher and lower until such time as buyers' and sellers' orders are satisfied and the price is said to be 'fixed'. Orders executed at the fixings are conducted as principal-to-principal transactions between the client and the dealer through whom the order is placed.

Calamos is the #2 manager of assets in the Alternatives category, as ranked by AUM (Morningstar, 12/31/19).

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