

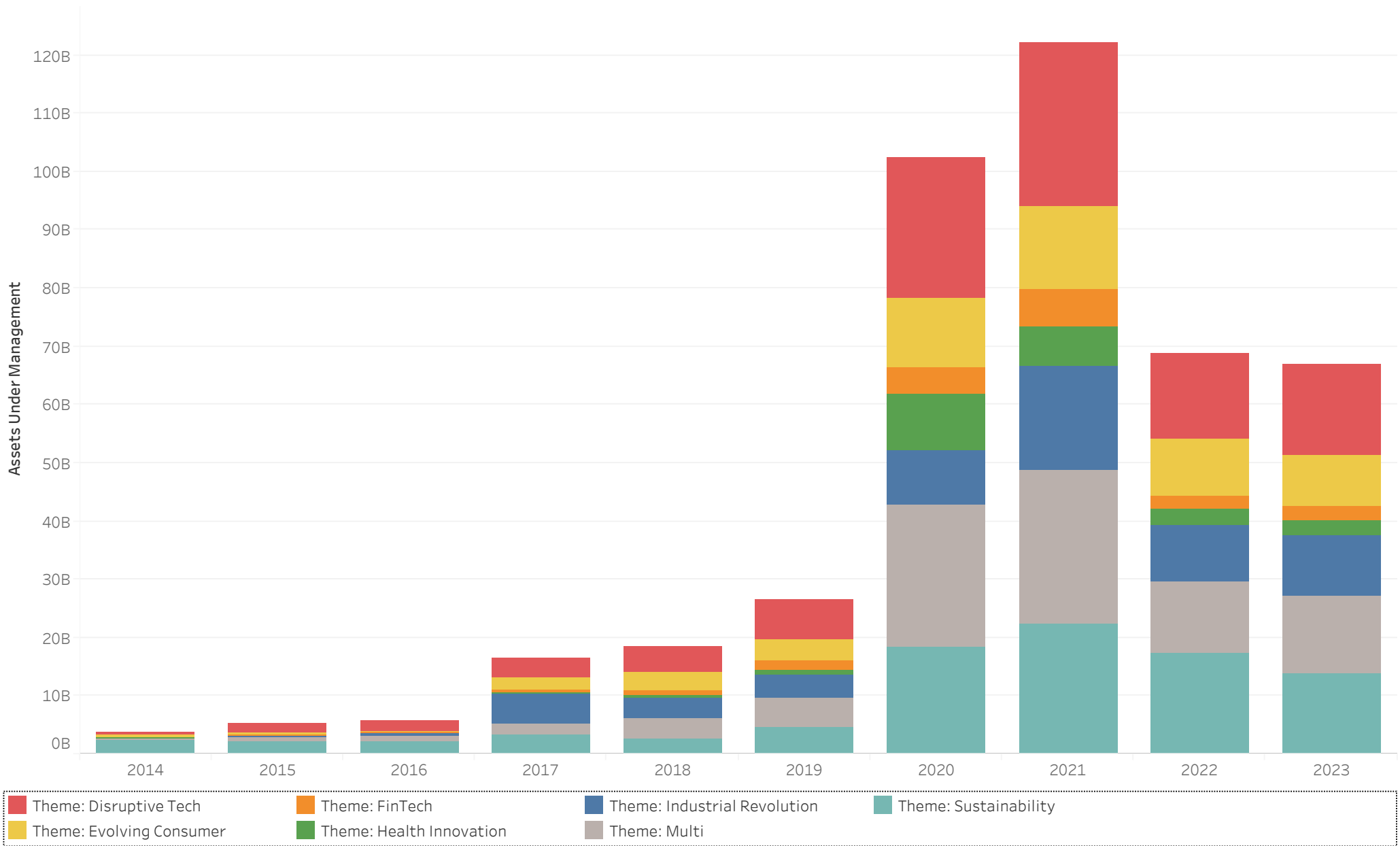
ETF Playbook

Global Themes



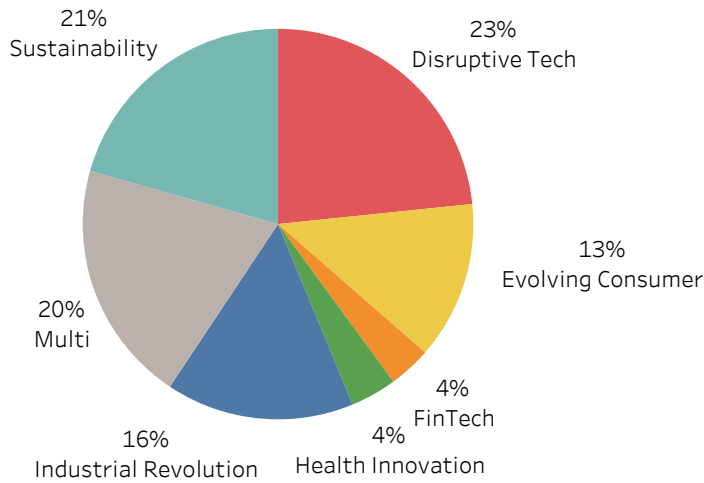
September 26, 2023

Annual AUM Growth



*Thematic landscape data is represented by Sub-asset class Equity > Thematic composite ETFs according to the ETF Action Classification System. Excludes inverse funds. **Flows delayed one day.

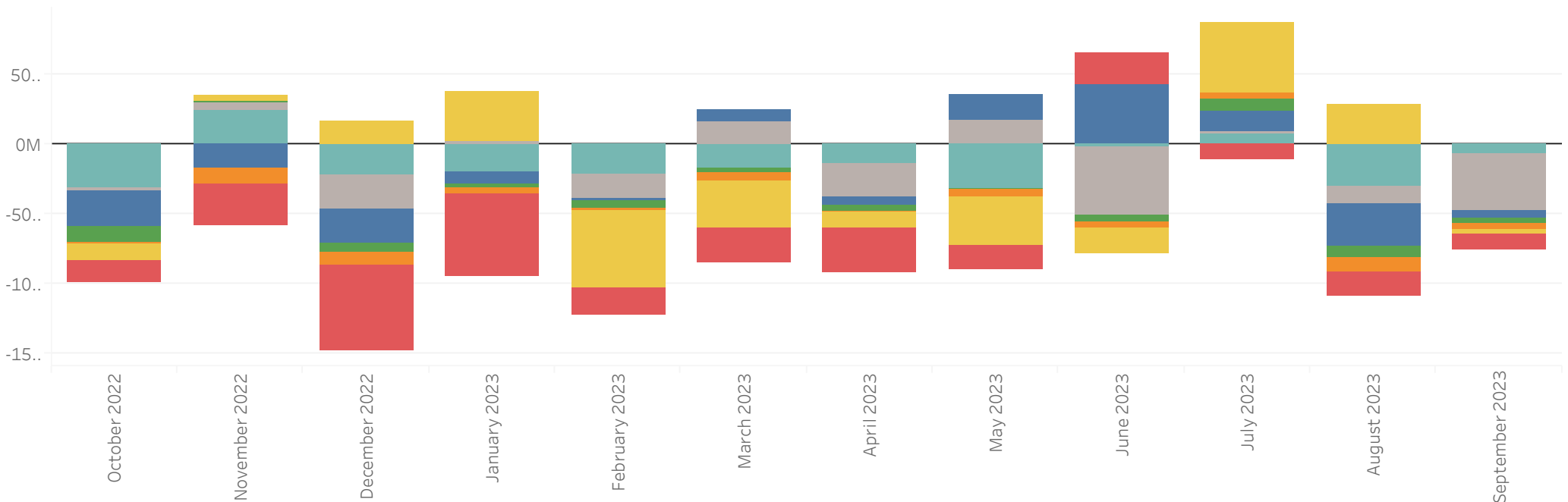
Thematic AUM Makeup



Landscape Assets & Flows

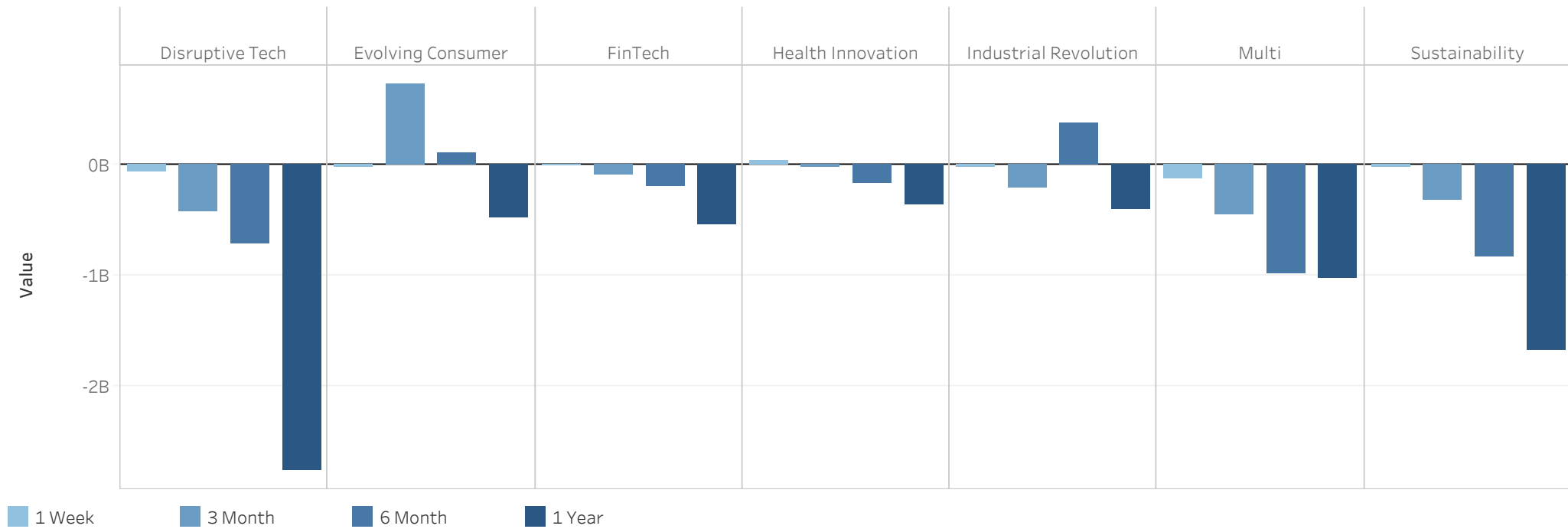
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15,613M	(\$55M)	(\$428M)	(\$712M)	(\$2,758M)
Evolving Consumer	40	\$8,735M	(\$24M)	\$729M	\$111M	(\$471M)
FinTech	17	\$2,365M	(\$1M)	(\$90M)	(\$189M)	(\$543M)
Health Innovation	18	\$2,543M	\$40M	(\$16M)	(\$158M)	(\$363M)
Industrial Revolution	30	\$10,415M	(\$22M)	(\$207M)	\$381M	(\$399M)
Multi	38	\$13,407M	(\$125M)	(\$445M)	(\$988M)	(\$1,018M)
Sustainability	40	\$13,765M	(\$22M)	(\$318M)	(\$832M)	(\$1,675M)

Monthly Flows



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Flows by Time Frames Bar Chart



Weekly Flows Leaders

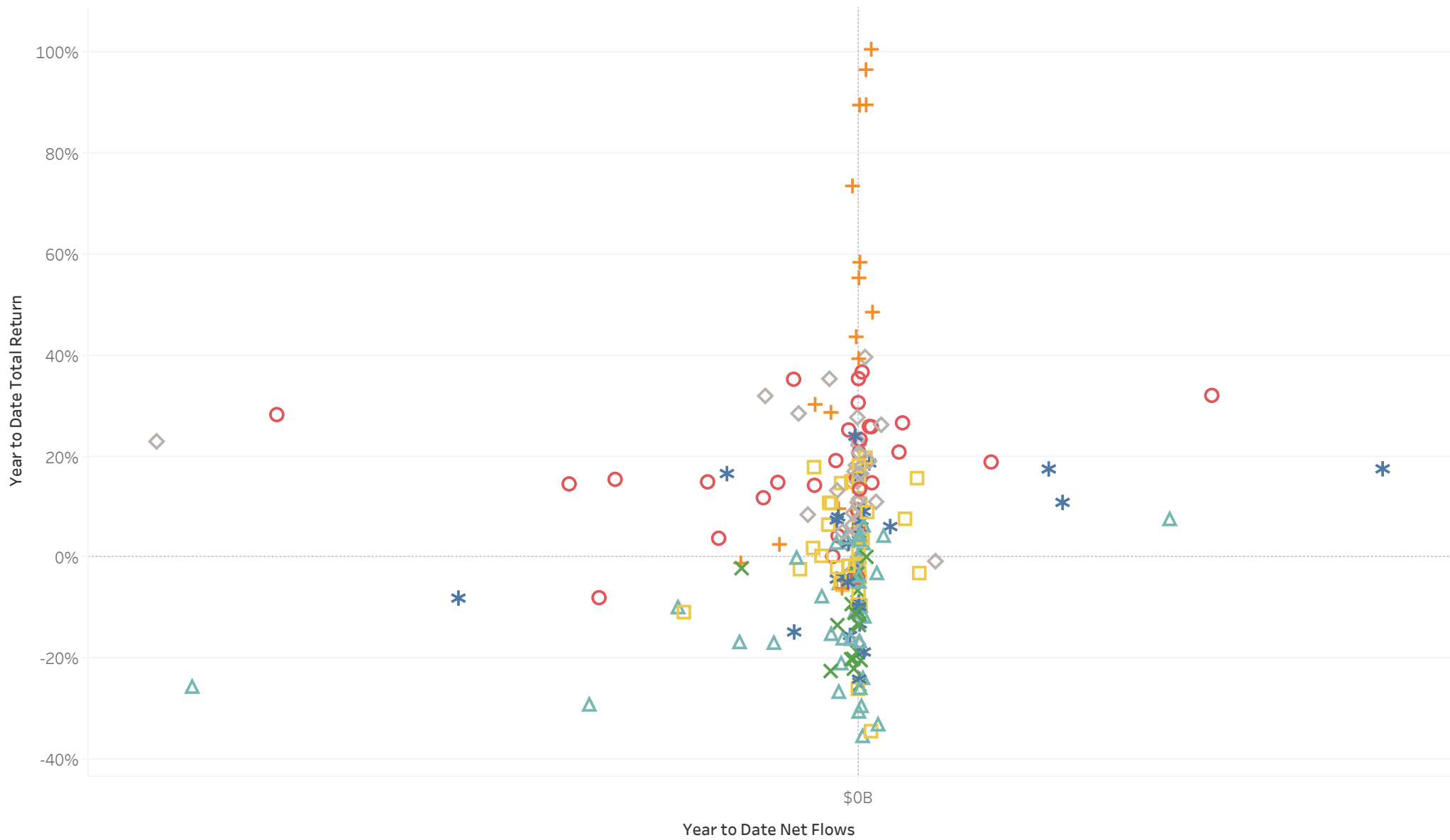
ETF	Description	AUM	1 Week
GNOM	Global X Genomics & Biotechnology ETF	\$135M	\$47M
AIQ	Global X Artificial Intelligence & Technology ETF	\$574M	\$13M
ROBT	First Trust Nasdaq Artificial Intelligence & Robot..	\$418M	\$8M
ARKG	ARK Genomic Revolution ETF	\$1,840M	\$6M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$1,662M	\$5M
THNQ	ROBO Global Artificial Intelligence ETF	\$77M	\$3M
DGIN	VanEck Digital India ETF	\$3M	\$1M
BITQ	Bitwise Crypto Industry Innovators ETF	\$78M	\$1M
NBCT	Neuberger Berman Carbon Transition Infrastruc..	\$25M	\$1M
PSIL	AdvisorShares Psychedelics ETF	\$7M	\$0M

Weekly Flows Laggards

ETF	Description	AUM	1 Week
ARKK	ARK Innovation ETF	\$7,315M	(\$171M)
SKYY	First Trust Cloud Computing ETF	\$2,728M	(\$19M)
HERO	Global X Video Games & Esports ETF	\$161M	(\$16M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$2,189M	(\$12M)
ESPO	VanEck Video Gaming and eSports ETF	\$248M	(\$10M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securi..	\$1,443M	(\$10M)
WCLD	WisdomTree Cloud Computing Fund	\$649M	(\$10M)
CLOU	Global X Cloud Computing ETF	\$550M	(\$10M)
BUG	Global X Cybersecurity ETF	\$613M	(\$9M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$1,308M	(\$9M)

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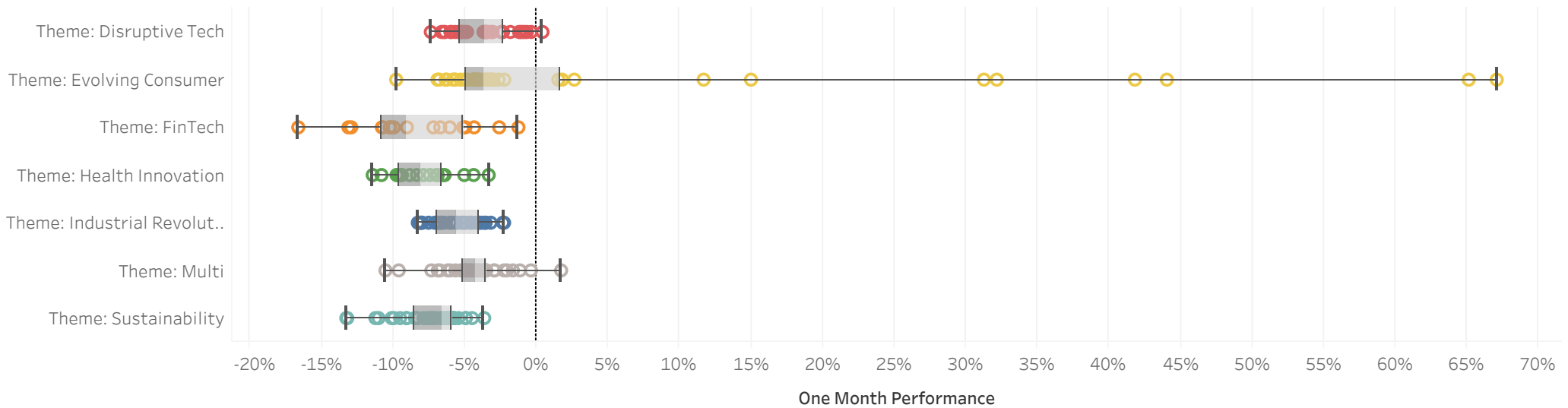
YTD Performance vs YTD Net Flows



■ Theme: Disruptive Tech
 + Theme: FinTech
 * Theme: Industrial Revolution
 ▲ Theme: Sustainability
■ Theme: Evolving Consumer
 × Theme: Health Innovation
 ◆ Theme: Multi

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One Month Performance Ranges - Box & Whisker Plot



One Month Performance Leaders

ETF Ticker	ETF Name	1 Mo	YTD
WEED	Roundhill Cannabis ETF	67.06%	10.72%
MSOS	AdvisorShares Pure US Cannabis ETF	65.10%	15.74%
YOLO	AdvisorShares Pure Cannabis ETF	44.02%	-1.03%
MJUS	ETFMG U.S. Alternative Harvest ETF	41.79%	-3.06%
MJ	ETFMG Alternative Harvest ETFMG Alternative..	32.15%	-9.47%
CNBS	Amplify Seymour Cannabis ETF	31.25%	-3.81%
THCX	AXS Cannabis ETF	14.98%	-26.00%
POTX	Global X Cannabis ETF	11.67%	-34.36%
PSIL	AdvisorShares Psychedelics ETF	2.64%	-9.50%
TOKE	Cambria Cannabis ETF	1.79%	-9.57%

One Month Performance Laggards

ETF Ticker	ETF Name	1 Mo	YTD
WGMI	Valkyrie Bitcoin Miners ETF	-16.64%	100.67%
HDRO	Defiance Next Gen H2 ETF	-13.28%	-30.45%
HYDR	Global X Hydrogen ETF	-13.21%	-33.00%
BKCH	Global X Blockchain ETF	-13.14%	73.60%
DAPP	VanEck Digital Transformation ETF	-12.94%	96.63%
EKG	First Trust Nasdaq Lux Digital Health Solutions ETF	-11.44%	-13.34%
CTEC	Global X CleanTech ETF	-11.25%	-26.56%
PBW	Invesco WilderHill Clean Energy ETF	-11.03%	-16.70%
EDOC	Global X Telemedicine & Digital Health ETF Registered	-10.82%	-22.45%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-10.80%	48.61%

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