



# GSR Market Update - November 19, 2021

## Crypto Leaderboard

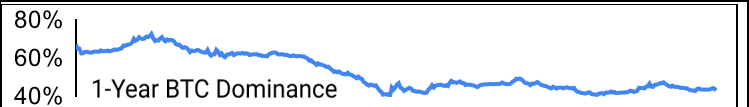
Rank	Name	Ticker	Price	1h	24h	7d	24h Vol \$m	MC \$m	1-Year Chart
1	Bitcoin	BTC	\$57,070	-1%	-3%	-12%	42,901	1,075,505	
2	Ethereum	ETH	\$4,153	0%	0%	-12%	25,801	491,505	
3	Binance	BNB	\$566.71	0%	1%	-10%	3,309	95,145	
4	Tether	USDT	\$1.00	0%	0%	0%	85,668	73,851	
5	Solana	SOL	\$204.88	0%	0%	-13%	4,238	62,136	
6	Cardano	ADA	\$1.85	1%	2%	-11%	2,243	59,202	
7	Ripple	XRP	\$1.06	0%	-2%	-13%	4,264	49,745	
8	Polkadot	DOT	\$40.66	1%	1%	-15%	1,990	42,902	
9	USD//Coin	USDC	\$1.00	0%	0%	0%	5,759	34,480	
10	Dogecoin	DOGE	\$0.23	1%	1%	-12%	1,675	30,159	

## Top & Bottom Performers - Top 100 Tokens

24h		7 Days		30 Days		90 Days		365 Days	
LRC	16%	GALA	161%	MANA	387%	SHIB	473%	KICK	99,600%
AR	11%	SAND	74%	CRO	168%	MANA	352%	DREP	65,586%
BAT	8%	WAXP	65%	HNT	88%	CRO	230%	SHIB	51,602%
MANA	7%	MANA	47%	AVAX	82%	SOL	177%	AXS	28,990%
KLAY	-5%	DASH	-21%	XDC	-24%	DCR	-40%	CCXX	-20%
WAVES	-6%	KSM	-21%	WAVES	-26%	FLOW	-47%	KLAY	-48%
NEXO	-8%	ZEC	-23%	XTZ	-28%	CCXX	-47%	CTC	-63%
GALA	-13%	NEAR	-24%	HEX	-30%	XDC	-51%	ICP	-91%

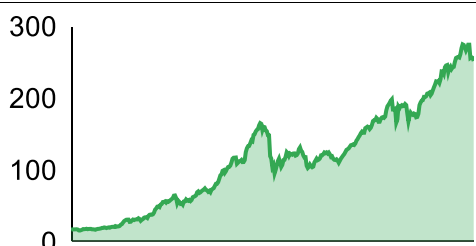
## Category Performance

Category	1d	7d	30d	90d	365d	Ecosystem	1d	7d	30d	90d	365d
Gaming	5%	5%	156%	166%	12,107%	Avalanche	3%	14%	41%	-10%	670%
CEXs	2%	-1%	29%	47%	1,078%	Polygon	4%	-7%	30%	36%	1,345%
NFTs	5%	-2%	72%	87%	5,938%	Solana	4%	-9%	-7%	12%	519%
DAOs	3%	-9%	-1%	-13%	292%	Cosmos	3%	-9%	4%	15%	1,129%
Dist. Computing	5%	-10%	13%	3%	1,097%	Polkadot	4%	-11%	-8%	11%	1,435%
Smart Contract	4%	-10%	-3%	40%	2,327%	xDAI	4%	-12%	8%	23%	497%
Defi	3%	-10%	1%	-4%	1,388%	BSC	6%	-14%	-16%	4%	4,243%
Meme	6%	-11%	25%	223%	29,694%	Terra	1%	-15%	-8%	74%	1,437%
IoT	3%	-12%	2%	-3%	537%						
DEX / B&L	4%	-12%	-1%	-7%	933%						
Privacy	4%	-14%	-4%	-16%	380%						

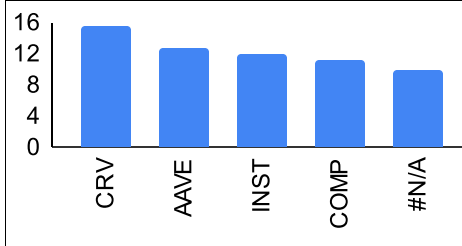


## Defi

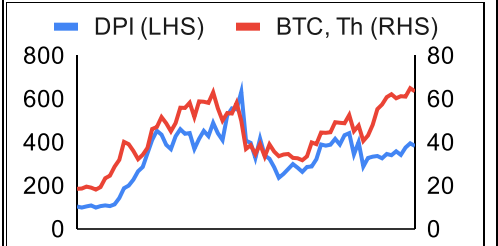
### Total Value Locked, LTM, \$b



### Top TVL By Protocol, \$b



### DefiPulse Index, LTM



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## Trading Volume

Aggregate Volumes by Product, \$b					Top Derivatives Exchanges, \$m and bps				Top Spot Exchanges, \$m			
	1d	7d	30d	O/I	Exchange	1d Vol	O/I	Mkr	Tkr	Exchange	Score	1d Vol
Spot	107	556	2,520	n/a	Binance	113,873	20,483	2.0	4.0	Binance	9.9	40,058
Perpetuals	235	930	3,160	33	OKEx	30,318	4,264	2.0	5.0	Coinbase	8.6	8,586
Futures	11	51	229	6	CoinTiger	21,498	8,298	0.0	0.0	FTX	8.4	4,567
Options	0	6	37	19	FTX	18,584	6,009	2.0	7.0	Kraken	8.0	2,080

20 Day Volume - Top 100 Tokens, \$b				Top Volume, 1d, \$m		Top Volume, %20d Avg		Low Volume, %20d Avg	
				USDT	95,838	ALGO	190%	PRIV	0%
				BTC	43,077	SC	189%	AMP	33%
				ETH	23,750	UST	180%	TEL	53%
				BUSD	8,657	HBTC	180%	DGB	53%
				MANA	6,625	AVAX	178%	BTG	53%

## Traditional Finance

Global Equity Markets							SPX vs. BTC, Last 12 Months	
	SPX	N100	FTSE	DAX	NIKKEI	HSI		
1D	0%	-1%	-1%	-1%	1%	-1%		
7D	0%	0%	-2%	0%	0%	0%		
90D	5%	5%	1%	-1%	8%	1%		
365D	31%	27%	14%	15%	17%	-4%		

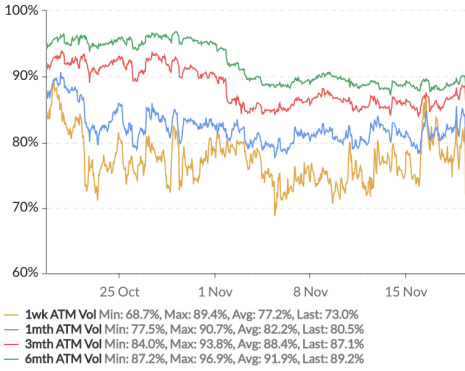
10-Year Treasury Yields							Commodities & FX					
	US	Brazil	UK	Ger	Japan	HK	Last	WTI	Gas	Gold	EUR/USD	USD/JPY
Last	1.53%	11.75%	0.86%	-0.35%	0.07%	1.47%	Last	76	5.0	1,864	1.13	113.8
1d Chg	-0.058	0	-0.064	-0.066	-0.007	-0.024	1d % Chg	-3.01%	+1.22%	+0.13%	-0.87%	-0.42%

## Crypto News

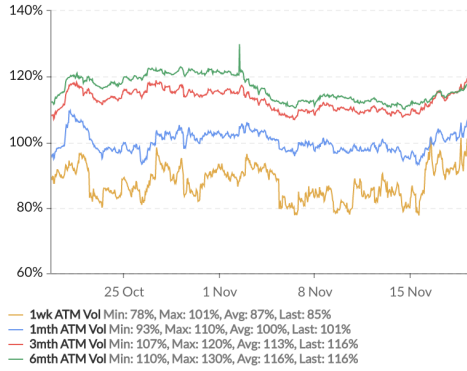
- [Bitcoin Attempts Price Recovery After a Derivatives-Led Slide to Sub-\\$56K](#)
- ['Fear' returns to Bitcoin, while long-term holders own just 3% of BTC unrealized losses - Cointelegraph](#)
- [Cryptocurrency Group Loses Bid for Rare Copy of U.S. Constitution - The New York Times](#)
- [A radical cryptocurrency experiment nearly bought the US Constitution - New Scientist](#)
- [Chinese Local Government Warns of Digital Yuan Fraud - Coindesk](#)
- [Torrent Website Called The NFT Bay Reignites Controversy Over Non-Fungible Tokens – Bitcoin News - Bitcoin News](#)
- [Eldridge leads Digital Currency Group's maiden \\$600 million debt funding round - Cointelegraph](#)
- [Binance.US aims for a 'mega funding,' reveals CZ - Cointelegraph](#)
- [Binance opens layer-two ETH deposits with Arbitrum One integration - Cointelegraph](#)
- [Chamath Palihapitiya sells 15% of his stake in SoFi - Cointelegraph](#)
- [South Korea's leading blockchain facing greater competition in NFT market - Cointelegraph](#)
- [\\$400M funding round to help Gemini build in the decentralized metaverse - Cointelegraph](#)
- [Airdrop rumors result in a swarm of activity on MetaMask Swap and Polygon - Cointelegraph](#)
- [Acala wins first Polkadot parachain auction with over 32M DOT staked - Cointelegraph](#)
- [\\$500M blockchain gaming proposal Game7 to come online with backing from industry veterans - Cointelegraph](#)
- [Eldridge leads Digital Currency Group's maiden \\$600 million debt funding round - Cointelegraph](#)
- [Blockchain Tech Has Evolved Enough to Meet Some Demands of Financial Markets: RBC Report - CoinDesk](#)

## Crypto Options

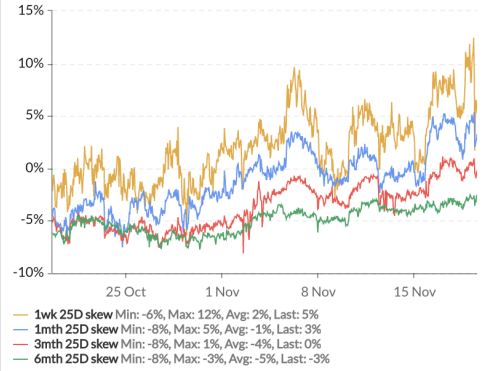
### BTC ATM Implied Vol, 1m



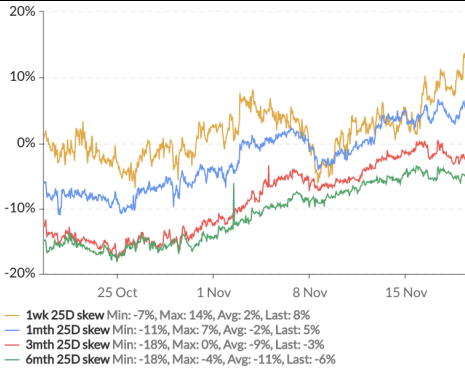
### ETH ATM Implied Vol, 1m



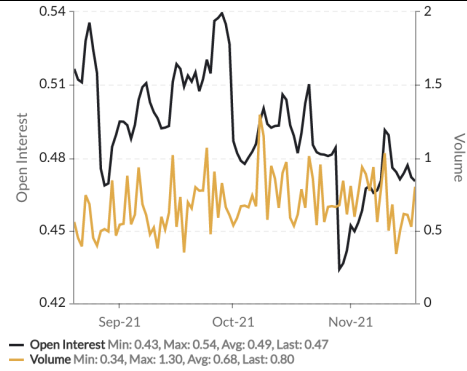
### BTC 25d Skew, 1m



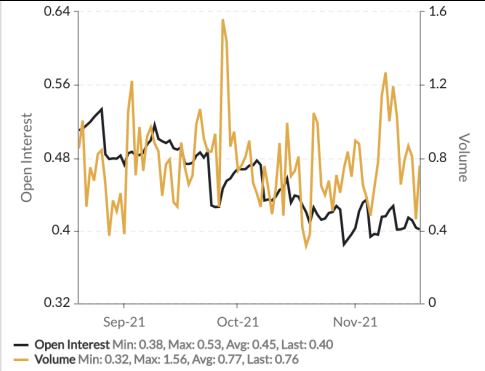
### ETH 25d Skew, 1m



### BTC Put/Call Ratios, 3m

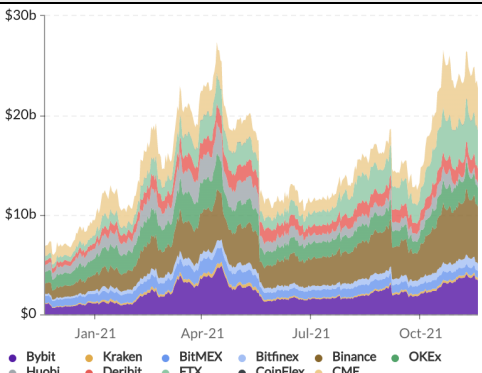


### ETH Put/Call Ratios, 3m

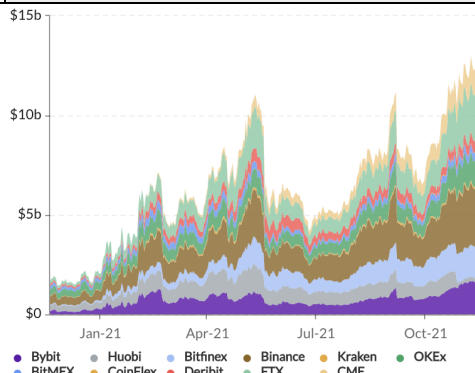


## Crypto Futures

### BTC Aggregate Open Interest, 1y



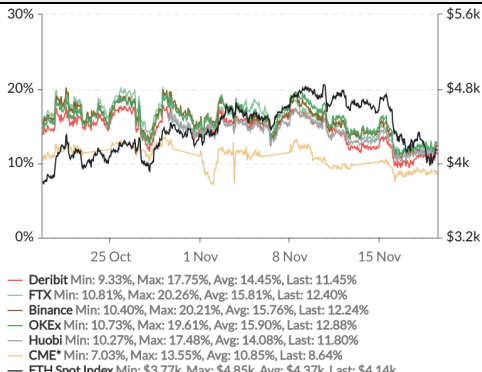
### ETH Aggregate Open Interest, 1y



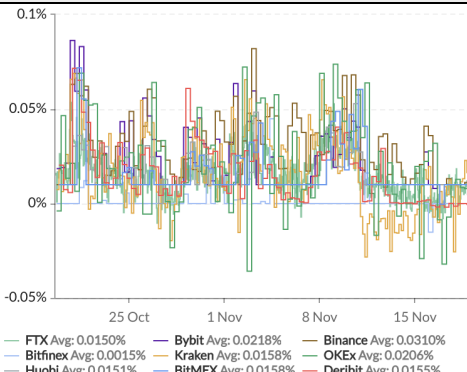
### BTC Annlzd Rolling 3m Basis, 1m



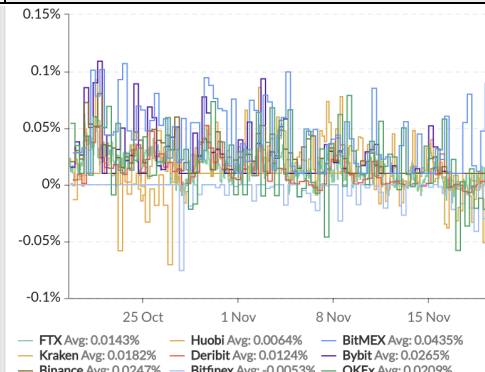
### ETH Annlzd Rolling 3m Basis, 1m



### BTC Perp Swaps Funding, 1m



### ETH Perp Swaps Funding, 1m





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GSR is a global leader in digital asset trading, market making, OTC derivatives, and investments. We operate in a culture of excellence and leverage our first-rate reputation, deep relationships and proprietary trading technology to move swiftly and capitalize on market opportunities.

GSR's experienced team brings together decades of institutional trading expertise, while our industry-leading proprietary technology stack anchors everything we do.

Our main service areas are: market making; proprietary and algorithmic trading; client execution; structured products; risk management solutions; and portfolio investments.

For more information or if we can help with anything, please see [gsr.io](https://gsr.io) or contact us at [gsr@gsr.io](mailto:gsr@gsr.io).

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