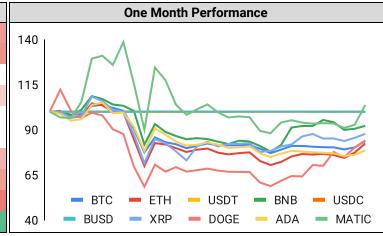


November Market Update

Crypto Leaderboard

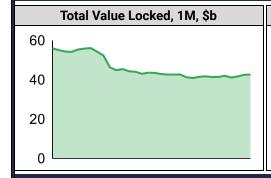
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Rank	Name	Ticker	Price	MC, \$b	1M
1	Bitcoin	BTC	17,169	330	-16%
2	Ethereum	ETH	1,296	159	-18%
3	Tether	USDT	1.00	65	0%
4	BNB	BNB	301	48	-8%
5	USD Coin	USDC	1.00	43	0%
6	Binance	BUSD	1.00	22	0%
7	Ripple	XRP	0.41	21	-12%
8	Dogecoin	DOGE	0.11	14	-16%
9	Cardano	ADA	0.32	11	-22%
10	Polygon	MATIC	0.94	8	4%

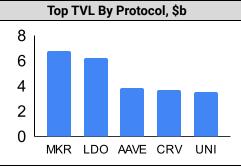


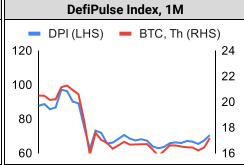
One-Month Performance

one wonarr errormance							
By Token		By Category		By Ecosystem		Traditional Finance	
TWT	77%	Currency	-5%	BSC	-9%	HSI	26.6%
LTC	44%	Meme	-9%	Polygon	-10%	Gas	21.4%
OKB	33%	Privacy	-16%	Cosmos	-11%	DAX	8.6%
GMX	19%	Scaling	-18%	Polkadot	-14%	FTSE	6.7%
TON	8%	Other DeFi	-19%	Gnosis Chain	-16%	Gold	6.1%
PAXG	8%	IoT/Data/Comp	-20%	Tron	-18%	EUR/USD	5.5%
NEAR	-44%	Smart Contract	-23%	Avalanche	-19%	SPX	5.4%
ETHW	-51%	DEX	-23%	Solana	-33%	Nasdaq	4.4%
SOL	-57%	CEXs	-24%	45%		NIKKEI	1.4%
TKX	-61%	Gaming/Entrtnmt	-28%	BTC Dominance		USD/JPY	-7.6%
WBT	-61%	Lending	-34%			-8.8%	

Defi







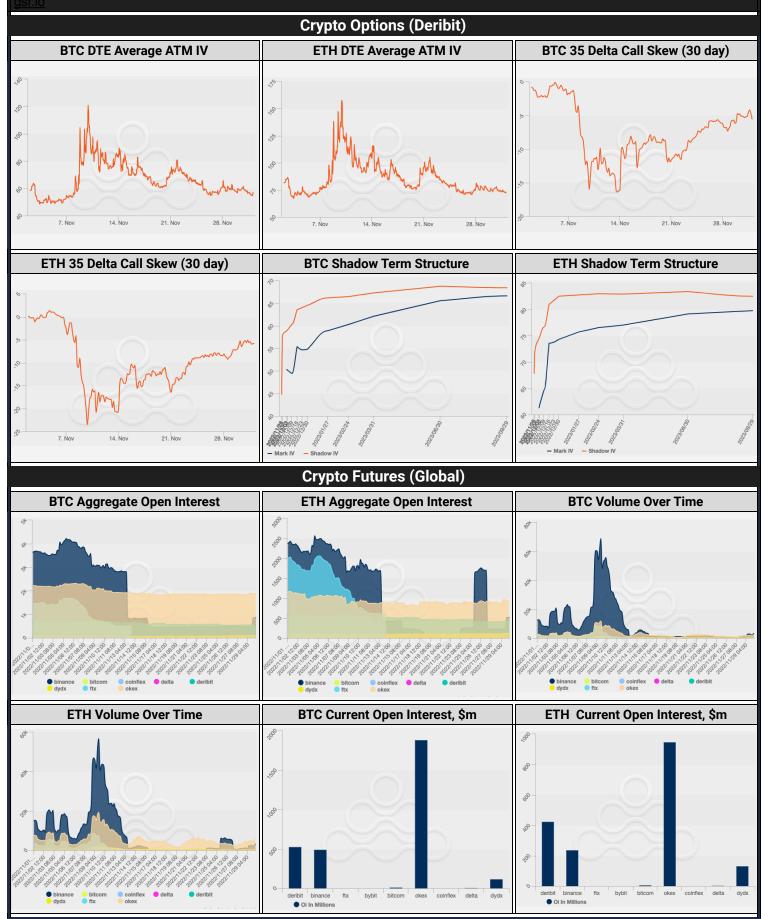
One-Month Trading Volumes

Top 100, Spot, \$b	Top Spot by Token, \$b		Top Spot Exchanges, \$b	
500 _I	USDT	1,695	Binance	494.6
400	втс	1,225	Coinbase	60.6
300	ETH	422	окх	40.2
	BUSD	268	Upbit	25.5
200	USDC	121	Kraken	23.4
100	DOGE	50	FTX	21.2
0	XRP	46	Gate.io	20.5

Aggregate Derivs Vols, \$b					
1M	O/I				
855	na				
1,520	12				
44	0				
0	0				
2,419	12				
	1M 855 1,520 44 0				



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About GSR

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 <u>gsr.io</u> or contact us at gsr@gsr.io.

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