

Database exists, assume schema does, too.

	beta	currentRatio	debtToEquity	dividendRate	dividendYield	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	...	revenuePerShare	sector	sharesOutstanding	shortRatio	totalAssets	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
PG	0.442647	0.681	73.6	3.65	0.0238	0.051	21462999040	0.26957	22.319181	10515874816	...	32.886	Consumer Defensive	2419950080	2.08	NaN	8526000128	3.554	33668999168	79617998848	25.941154
NBHC	0.889215	NaN	NaN	0.92	0.0239	-0.302	NaN	0.0	14.79845	NaN	...	9.368	Financial Services	30297900	2.85	NaN	786385024	26.331	64249000	286185984	12.120635
ENTA	0.599509	8.629	5.446	NaN	NaN	NaN	-124440000	-1.33837	-7.81262	-46898876	...	4.593	Healthcare	20324800	6.39	NaN	259052000	12.618	20933000	92979000	error
UDR	0.743627	0.107	121.819	1.52	0.0312	4.743	804448000	0.59075	165.77777	827238016	...	4.455	Real Estate	309185984	5.38	NaN	11383000	0.036	5670699008	1361728000	248.66664
SMTC	1.532843	3.912	26.055	NaN	NaN	1.253	175896000	0.23742	18.732483	161634624	...	11.457	Technology	64436800	2.94	NaN	290183008	4.527	192230000	740857984	36.33107
...
ACIW	error	error	error	error	error	error	error	error	error	error	...	error	error	error	error	error	error	error	error	error	error
PFE	0.708257	1.386	44.072	1.6	0.0299	0.591	37115998208	0.40154	1.009058	34285750272	...	16.479	Healthcare	5610899968	2.23	NaN	23901999104	4.26	36441001984	92432998400	12.255329
VCR	NaN	error	error	NaN	NaN	error	error	error	error	NaN	error	...	error	error	error	error	6015592448	error	error	error	error
ARCB	1.578039	1.163	39.609	0.48	0.0056	2.08	468940992	0.10454	6.69856	122347504	...	177.408	Industrials	24484200	3.79	NaN	101132000	4.131	389422016	4485927936	8.079044
GME	-0.985027	2.067	42.531	NaN	NaN	NaN	-343400000	-0.05618	-33.836586	-572687488	...	81.416	Consumer Cyclical	76129000	5.7	NaN	1035000000	13.665	617000000	6112300032	error

1520 rows × 36 columns

Symbol

SP1500	SPTM
SP500	SPY
SP600	SLY
SP400	MDYG

Symbol

Communication Services ETF	VOX
Consumer Discretionary ETF	VCR
Consumer Staples ETF	VDC
Energy ETF	VDE
Financials ETF	VFH
Health Care ETF	VHT
Industrials ETF	VIS
Information Technology ETF	VGT
Materials ETF	VAW
Real Estate ETF	VNQ
Utilities ETF	VPU

	SP1500	SP500	SP600	SP400	Communication Services ETF	Consumer Discretionary ETF	Consumer Staples ETF	Energy ETF	Financials ETF	Health Care ETF	Industrials ETF	Information Technology ETF	Materials ETF	Real Estate ETF	Utilities ETF
2017-02-13	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2017-02-14	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2017-02-15	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2017-02-16	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2017-02-17	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
...
2022-06-06	-0.000133	-0.000158	-0.000068	0.000037	-0.001031	-0.000514	-0.000083	0.002817	-0.000181	-0.000163	-0.000165	-0.000374	0.001356	-0.000703	0.000713
2022-06-07	0.000130	0.000115	0.000059	0.000266	-0.000944	-0.000605	0.000391	0.003171	-0.000001	0.000366	0.000084	-0.000085	0.001630	-0.000408	0.001018
2022-06-08	-0.000482	-0.000483	-0.000553	-0.000545	-0.001474	-0.001191	0.000076	0.003582	-0.000862	-0.000078	-0.000548	-0.000933	0.000769	-0.001018	0.000828
2022-06-09	-0.000781	-0.000789	-0.000847	-0.000876	-0.001803	-0.001638	-0.000038	0.002757	-0.001151	-0.000439	-0.000833	-0.001105	0.000275	-0.001434	0.000351
2022-06-10	-0.001037	-0.001048	-0.001047	-0.001140	-0.001934	-0.001995	0.000070	0.002643	-0.001614	-0.000529	-0.001207	-0.001398	-0.000078	-0.001660	0.000286

1342 rows × 15 columns

	SP1500	SP500	SP600	SP400	Communication Services ETF	Consumer Discretionary ETF	Consumer Staples ETF	Energy ETF	Financials ETF	Health Care ETF	Industrials ETF	Information Technology ETF	Materials ETF	Real Estate ETF	Utilities ETF
2017-03-31	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2017-06-30	0.030375	0.030708	0.018327	0.031752	-0.024136	0.028386	0.010040	-0.078709	0.038955	0.072895	0.042167	0.041388	0.026999	0.017375	0.022113
2017-09-30	0.044807	0.045666	0.064962	0.035020	0.015498	0.014521	-0.012346	0.069612	0.052789	0.040565	0.052781	0.083223	0.066617	0.008095	0.031518
2017-12-31	0.066880	0.069917	0.038747	0.074139	0.000763	0.097848	0.059268	0.073946	0.073683	0.018576	0.066175	0.093087	0.071798	0.012742	0.000687
2018-03-31	-0.021321	-0.024130	-0.011631	-0.003978	-0.085669	-0.001942	-0.073521	-0.078807	-0.015065	-0.020049	-0.033542	0.020711	-0.072483	-0.086159	-0.033734
2018-06-30	0.052094	0.047568	0.106722	0.045520	0.035862	0.088528	0.006353	0.150528	-0.011331	0.055259	-0.008057	0.080437	0.036210	0.094633	0.053422
2018-09-30	0.070536	0.078236	0.032842	0.032902	0.023115	0.066008	0.050064	0.021911	0.031675	0.137698	0.094874	0.117719	0.007338	0.000044	0.019751
2018-12-31	-0.142834	-0.137319	-0.193040	-0.172165	-0.143117	-0.162070	-0.055862	-0.267451	-0.138848	-0.108129	-0.183620	-0.174415	-0.154310	-0.058855	0.009925
2019-03-31	0.151853	0.144236	0.124660	0.157497	0.139541	0.157197	0.111156	0.178564	0.109942	0.081835	0.183161	0.217473	0.126958	0.173365	0.103055
2019-06-30	0.039106	0.040369	0.010843	0.030815	0.035928	0.040127	0.036556	-0.048754	0.067026	0.017469	0.034436	0.054745	0.040951	0.015389	0.035855
2019-09-30	0.006291	0.011423	-0.004200	-0.009122	-0.002023	0.002509	0.056319	-0.075658	0.013235	-0.035439	0.004465	0.016115	-0.013089	0.075811	0.090872
2019-12-31	0.090490	0.089876	0.082573	0.066590	0.086727	0.056223	0.036517	0.054552	0.096390	0.147851	0.058155	0.139034	0.066971	0.005745	0.002011
2020-03-31	-0.205302	-0.194477	-0.328050	-0.247693	-0.187109	-0.231167	-0.141472	-0.523877	-0.330709	-0.131539	-0.279339	-0.131215	-0.278876	-0.241350	-0.141270
2020-06-30	0.206715	0.201618	0.223617	0.259149	0.224230	0.379795	0.094561	0.332245	0.135641	0.164463	0.182339	0.318555	0.260712	0.135399	0.024507
2020-09-30	0.086119	0.090383	0.032878	0.068091	0.097573	0.192380	0.098022	-0.188315	0.028859	0.062281	0.118587	0.120087	0.120651	0.013268	0.051209
2020-12-31	0.132216	0.121185	0.312278	0.211458	0.182130	0.172875	0.074374	0.300830	0.253698	0.101111	0.178685	0.138205	0.172363	0.092916	0.073335
2021-03-31	0.070761	0.063518	0.184526	0.084662	0.083288	0.073815	0.030385	0.324479	0.165207	0.025327	0.116450	0.015110	0.105419	0.087920	0.031042
2021-06-30	0.080495	0.083593	0.043034	0.033635	0.108092	0.064435	0.029888	0.126094	0.074954	0.083442	0.040613	0.114030	0.049264	0.115985	-0.005272
2021-09-30	0.000378	0.002523	-0.030694	-0.024123	-0.021207	-0.012866	-0.018026	-0.026222	0.024323	0.000121	-0.043573	0.006319	-0.041816	-0.000098	0.002739
2021-12-31	0.103038	0.106772	0.049293	0.077726	-0.037011	0.099010	0.115277	0.050203	0.042310	0.077925	0.080207	0.141743	0.136524	0.139811	0.124048
2022-03-31	-0.049102	-0.049099	-0.058344	-0.089783	-0.114414	-0.103975	-0.019862	0.379204	-0.032929	-0.045192	-0.041831	-0.090992	-0.014374	-0.065856	0.034591
2022-06-10	-0.133501	-0.136923	-0.094221	-0.126263	-0.186172	-0.213144	-0.056250	0.157138	-0.144127	-0.096116	-0.121767	-0.190021	-0.080392	-0.145335	-0.038317

	03-31	06-30	09-30	12-31
SP1500	-0.010622	0.081757	0.041626	0.049958
SP500	-0.011990	0.080771	0.045646	0.050086
SP600	-0.017768	0.080509	0.019158	0.057970
SP400	-0.019859	0.080174	0.020554	0.051549
Communication Services ETF	-0.032872	0.075995	0.022591	0.017899
Consumer Discretionary ETF	-0.021214	0.120254	0.052510	0.052777
Consumer Staples ETF	-0.018663	0.035480	0.034807	0.045915
Energy ETF	0.055913	0.096281	-0.039735	0.042416
Financials ETF	-0.020711	0.061049	0.030176	0.065446
Health Care ETF	-0.017923	0.078706	0.041045	0.047467
Industrials ETF	-0.011020	0.058300	0.045427	0.039920
Information Technology ETF	0.006217	0.121831	0.068693	0.067531
Materials ETF	-0.026671	0.082827	0.027940	0.058669
Real Estate ETF	-0.026416	0.075756	0.019424	0.038472
Utilities ETF	-0.001263	0.026125	0.039218	0.042001

Note if the final data in the prices ends on a quarter, this will aggregate into the seasonal_index above and there will be no comparison
Current

	06-10
Energy ETF	0.157138
Utilities ETF	-0.038317
Consumer Staples ETF	-0.056250
Materials ETF	-0.080392
SP600	-0.094221
Health Care ETF	-0.096116
Industrials ETF	-0.121767
SP400	-0.126263
SP1500	-0.133501
SP500	-0.136923
Financials ETF	-0.144127
Real Estate ETF	-0.145335
Communication Services ETF	-0.186172
Information Technology ETF	-0.190021
Consumer Discretionary ETF	-0.213144

Figure 11: A Sector Roadmap for Business Cycles





Cycles

Strongest
Weakest

Expansion

Tech
Financials
Real Estate
Consumer D
Industrials
Materials
Energy
Healthcare
Cons. Staples
Utilities

Slowdown

Cons. Staples
Healthcare
Industrials
Utilities
Tech
Energy
Financials
Materials
Consumer D
Real Estate

Recession

Cons. Staples
Energy
Utilities
Healthcare
Consumer D
Materials
Industrials
Financials
Tech
Real Estate

Recovery

Real Estate
Consumer D
Materials
Tech
Industrials
Energy
Financials
Healthcare
Cons. Staples
Utilities

	2017-03-31 00:00:00	2017-06-30 00:00:00	2017-09-30 00:00:00	2017-12-31 00:00:00	2018-03-31 00:00:00	2018-06-30 00:00:00	2018-09-30 00:00:00	2018-12-31 00:00:00	2019-03-31 00:00:00	2019-06-30 00:00:00	2019-09-30 00:00:00	2019-12-31 00:00:00	2020-03-31 00:00:00	2020-06-30 00:00:00	2020-09-30 00:00:00	2020-12-31 00:00:00	2021-03-31 00:00:00	2021-06-30 00:00:00	2021-09-30 00:00:00
0	Health Care ETF	Information Technology ETF	Consumer Discretionary ETF	Information Technology ETF	Energy ETF	Health Care ETF	Utilities ETF	Information Technology ETF	Financials ETF	Utilities ETF	Health Care ETF	Information Technology ETF	Consumer Discretionary ETF	Consumer Discretionary ETF	SP600	Energy ETF	Energy ETF	Financials ETF	
1	Industrials ETF	Energy ETF	Information Technology ETF	Consumer Discretionary ETF	SP600	Information Technology ETF	Consumer Staples ETF	Industrials ETF	Information Technology ETF	Real Estate ETF	Information Technology ETF	Health Care ETF	Energy ETF	Materials ETF	Energy ETF	SP600	Real Estate ETF	Information Technology ETF	
2	Information Technology ETF	Materials ETF	SP400	SP400	Real Estate ETF	Industrials ETF	Real Estate ETF	Energy ETF	Materials ETF	Consumer Staples ETF	Financials ETF	Utilities ETF	Information Technology ETF	Information Technology ETF	Financials ETF	Financials ETF	Information Technology ETF	Utilities ETF	
3	Financials ETF	SP600	Energy ETF	SP600	Consumer Discretionary ETF	SP500	Health Care ETF	Real Estate ETF	SP500	Information Technology ETF	SP1500	Consumer Staples ETF	Materials ETF	Industrials ETF	SP400	Industrials ETF	Communication Services ETF	SP500	
4	SP400	Financials ETF	Financials ETF	Financials ETF	Information Technology ETF	SP1500	SP500	SP400	Consumer Discretionary ETF	Financials ETF	SP500	Communication Services ETF	SP400	Consumer Staples ETF	Communication Services ETF	Materials ETF	SP500	SP1500	
5	SP500	Industrials ETF	Materials ETF	Health Care ETF	Health Care ETF	Consumer Discretionary ETF	Financials ETF	Consumer Discretionary ETF	SP1500	SP500	Communication Services ETF	SP500	Communication Services ETF	Communication Services ETF	Industrials ETF	Real Estate ETF	Health Care ETF	Health Care ETF	
6	SP1500	SP500	SP500	SP1500	Utilities ETF	Consumer Staples ETF	SP1500	SP1500	Consumer Staples ETF	SP1500	SP600	SP1500	SP600	SP500	Consumer Discretionary ETF	SP400	SP1500	Real Estate ETF	
7	Consumer Discretionary ETF	SP1500	SP1500	SP500	SP1500	SP400	Communication Services ETF	SP500	Communication Services ETF	Industrials ETF	Materials ETF	Consumer Discretionary ETF	SP1500	SP1500	Materials ETF	Communication Services ETF	Financials ETF	Consumer Discretionary ETF	
8	Materials ETF	Health Care ETF	Industrials ETF	Industrials ETF	SP500	SP600	Materials ETF	Communication Services ETF	Utilities ETF	Consumer Discretionary ETF	SP400	Real Estate ETF	SP500	SP400	Information Technology ETF	Consumer Discretionary ETF	Consumer Staples ETF	Consumer Staples ETF	
9	Utilities ETF	SP400	Consumer Staples ETF	Utilities ETF	SP400	Financials ETF	Consumer Discretionary ETF	Materials ETF	Industrials ETF	Communication Services ETF	Industrials ETF	SP400	Industrials ETF	Health Care ETF	SP1500	SP1500	Materials ETF	Communication Services ETF	
10	SP600	Utilities ETF	SP600	Materials ETF	Materials ETF	Communication Services ETF	SP400	SP600	SP400	SP600	Consumer Discretionary ETF	Materials ETF	Health Care ETF	Utilities ETF	SP500	SP500	SP600	SP400	
11	Real Estate ETF	Communication Services ETF	Health Care ETF	Consumer Staples ETF	Communication Services ETF	Energy ETF	Information Technology ETF	Consumer Staples ETF	Health Care ETF	SP400	Energy ETF	Industrials ETF	Financials ETF	SP600	Health Care ETF	Utilities ETF	Industrials ETF	Energy ETF	
12	Consumer Staples ETF	Consumer Discretionary ETF	Real Estate ETF	Energy ETF	Consumer Staples ETF	Utilities ETF	Industrials ETF	Financials ETF	Real Estate ETF	Materials ETF	Consumer Staples ETF	SP600	Real Estate ETF	Financials ETF	Real Estate ETF	Consumer Staples ETF	SP400	SP600	
13	Communication Services ETF	Real Estate ETF	Communication Services ETF	Communication Services ETF	Industrials ETF	Materials ETF	SP600	Utilities ETF	SP600	Health Care ETF	Real Estate ETF	Financials ETF	Consumer Staples ETF	Real Estate ETF	Consumer Staples ETF	Health Care ETF	Consumer Staples ETF	Materials ETF	
14	Energy ETF	Consumer Staples ETF	Utilities ETF	Real Estate ETF	Financials ETF	Real Estate ETF	Energy ETF	Health Care ETF	Energy ETF	Energy ETF	Utilities ETF	Energy ETF	Utilities ETF	Energy ETF	Utilities ETF	Information Technology ETF	Utilities ETF	Industrials ETF	

means

	03-31	06-30	09-30	12-31
SP1500	-0.010622	0.081757	0.041626	0.049958
SP500	-0.011990	0.080771	0.045646	0.050086
SP600	-0.017768	0.080509	0.019158	0.057970
SP400	-0.019859	0.080174	0.020554	0.051549
Communication Services ETF	-0.032872	0.075995	0.022591	0.017899
Consumer Discretionary ETF	-0.021214	0.120254	0.052510	0.052777
Consumer Staples ETF	-0.018663	0.035480	0.034807	0.045915
Energy ETF	0.055913	0.096281	-0.039735	0.042416
Financials ETF	-0.020711	0.061049	0.030176	0.065446
Health Care ETF	-0.017923	0.078706	0.041045	0.047467
Industrials ETF	-0.011020	0.058300	0.045427	0.039920
Information Technology ETF	0.006217	0.121831	0.068693	0.067531
Materials ETF	-0.026671	0.082827	0.027940	0.058669
Real Estate ETF	-0.026416	0.075756	0.019424	0.038472
Utilities ETF	-0.001263	0.026125	0.039218	0.042001

standard deviations

	03-31	06-30	09-30	12-31
SP1500	0.134644	0.072380	0.037999	0.110320
SP500	0.127411	0.070450	0.039033	0.106496
SP600	0.199479	0.088447	0.037096	0.179394
SP400	0.157662	0.100224	0.037075	0.138781
Communication Services ETF	0.138244	0.095192	0.045269	0.123434
Consumer Discretionary ETF	0.151791	0.146922	0.083611	0.127243
Consumer Staples ETF	0.096633	0.035421	0.049261	0.063730
Energy ETF	0.369457	0.166709	0.099129	0.202483
Financials ETF	0.192299	0.053666	0.014462	0.140299
Health Care ETF	0.079810	0.054107	0.065798	0.098650
Industrials ETF	0.178470	0.072339	0.066050	0.134044
Information Technology ETF	0.135329	0.113409	0.054569	0.136753
Materials ETF	0.163483	0.099766	0.065317	0.127072
Real Estate ETF	0.161483	0.056090	0.032025	0.078165
Utilities ETF	0.092016	0.021473	0.033841	0.054883

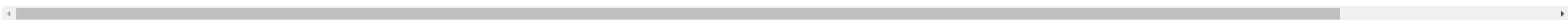
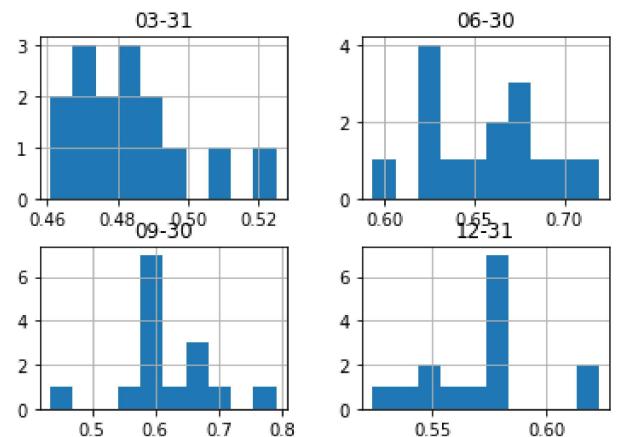
t scores

	03-31	06-30	09-30	12-31
SP1500	-0.035281	0.505153	0.489908	0.202519
SP500	-0.042087	0.512730	0.522980	0.210329
SP600	-0.039834	0.407076	0.230960	0.144515
SP400	-0.056330	0.357747	0.247928	0.166115
Communication Services ETF	-0.106341	0.357027	0.223180	0.064848
Consumer Discretionary ETF	-0.062503	0.366041	0.280865	0.185493
Consumer Staples ETF	-0.086371	0.447954	0.315992	0.322196
Energy ETF	0.067680	0.258283	-0.179260	0.093682
Financials ETF	-0.048166	0.508740	0.933164	0.208614
Health Care ETF	-0.100433	0.650529	0.278976	0.215182
Industrials ETF	-0.027615	0.360421	0.307577	0.133187
Information Technology ETF	0.020546	0.480423	0.562966	0.220841
Materials ETF	-0.072960	0.371283	0.191302	0.206478
Real Estate ETF	-0.073157	0.604012	0.271246	0.220111
Utilities ETF	-0.006140	0.544116	0.518265	0.342246

p values

	03-31	06-30	09-30	12-31
SP1500	0.487036	0.675887	0.671106	0.573766
SP500	0.484537	0.678247	0.681422	0.576557
SP600	0.485364	0.644372	0.583899	0.552872
SP400	0.479310	0.627889	0.589904	0.560685
Communication Services ETF	0.461012	0.627646	0.581136	0.523813
Consumer Discretionary ETF	0.477047	0.630688	0.601465	0.567662
Consumer Staples ETF	0.468307	0.657720	0.613641	0.615774
Energy ETF	0.524851	0.593553	0.434579	0.534366
Financials ETF	0.482306	0.677006	0.790214	0.575945
Health Care ETF	0.463168	0.719135	0.600805	0.578288
Industrials ETF	0.489852	0.628793	0.610739	0.548761
Information Technology ETF	0.507551	0.668108	0.693606	0.580304
Materials ETF	0.473215	0.632451	0.569748	0.575182
Real Estate ETF	0.473143	0.705773	0.598102	0.580044
Utilities ETF	0.497743	0.687902	0.679964	0.622630

```
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Utilities ETF Years Quarters

2017-03-31	Nan	2017	03-31
2017-06-30	0.022113	2017	06-30
2017-09-30	0.031518	2017	09-30
2017-12-31	0.000687	2017	12-31
2018-03-31	-0.033734	2018	03-31
2018-06-30	0.053422	2018	06-30
2018-09-30	0.019751	2018	09-30
2018-12-31	0.009925	2018	12-31
2019-03-31	0.103055	2019	03-31
2019-06-30	0.035855	2019	06-30
2019-09-30	0.090872	2019	09-30
2019-12-31	0.002011	2019	12-31
2020-03-31	-0.141270	2020	03-31
2020-06-30	0.024507	2020	06-30
2020-09-30	0.051209	2020	09-30
2020-12-31	0.073335	2020	12-31
2021-03-31	0.031042	2021	03-31
2021-06-30	-0.005272	2021	06-30
2021-09-30	0.002739	2021	09-30
2021-12-31	0.124048	2021	12-31
2022-03-31	0.034591	2022	03-31
2022-06-10	-0.038317	2022	06-10

Comparative to Seasonal Indexes, tells you who is over or underperforming.
This is Seasonal Index - Extrapolated Current Quarter.

+: seasonal > current
-: current > seasonal

Note if the final data in the prices ends on a quarter, this will aggregate into the seasonal_index above and there will be no comparison

2022-06-10

Information Technology ETF	0.096313
Consumer Discretionary ETF	0.095053
Energy ETF	0.075929
Materials ETF	0.065233
SP1500	0.064383
SP500	0.063601
SP600	0.063392
SP400	0.063127
Health Care ETF	0.061962
Communication Services ETF	0.059812
Real Estate ETF	0.059622
Financials ETF	0.047976
Industrials ETF	0.045803
Consumer Staples ETF	0.027809
Utilities ETF	0.020457

	2017-03-31 00:00:00	2017-06-30 00:00:00	2017-09-30 00:00:00	2017-12-31 00:00:00	2018-03-31 00:00:00	2018-06-30 00:00:00	2018-09-30 00:00:00	2018-12-31 00:00:00	2019-03-31 00:00:00	2019-06-30 00:00:00	2019-09-30 00:00:00	2019-12-31 00:00:00	2020-03-31 00:00:00	2020-06-30 00:00:00	2020-09-30 00:00:00	2020-12-31 00:00:00	2021-03-31 00:00:00	2021-06-30 00:00:00	2021-09-30 00:00:00	
0	Utilities ETF	Energy ETF	Consumer Discretionary ETF	Consumer Discretionary ETF	Energy ETF	Health Care ETF	Utilities ETF	Information Technology ETF	Utilities ETF	Real Estate ETF	Health Care ETF	Health Care ETF	Consumer Discretionary ETF	Consumer Discretionary ETF	Energy ETF	Energy ETF	Real Estate ETF	Real Estate ETF	Energy ETF	
1	Health Care ETF	SP600	Energy ETF	SP400	Utilities ETF	Energy ETF	Real Estate ETF	Real Estate ETF	Financials ETF	Utilities ETF	Information Technology ETF	Consumer Staples ETF	Energy ETF	Materials ETF	SP600	SP600	Communication Services ETF	Financials ETF		
2	Industrials ETF	Materials ETF	Industrials ETF	Information Technology ETF	SP600	Industrials ETF	Consumer Staples ETF	Industrials ETF	Consumer Staples ETF	Consumer Staples ETF	Communication Services ETF	Information Technology ETF	Information Technology ETF	Communication Services ETF	Financials ETF	Financials ETF	Energy ETF	Real Estate ETF		
3	Financials ETF	Financials ETF	Information Technology ETF	SP600	Real Estate ETF	Information Technology ETF	Health Care ETF	Consumer Discretionary ETF	Industrials ETF	Financials ETF	SP1500	Utilities ETF	SP400	Industrials ETF	Communication Services ETF	Materials ETF	Financials ETF	Utilities ETF		
4	Consumer Staples ETF	Information Technology ETF	SP400	Financials ETF	Health Care ETF	SP500	Communication Services ETF	SP400	Communication Services ETF	SP600	SP500	Communication Services ETF	Materials ETF	Consumer Staples ETF	SP400	Industrials ETF	Health Care ETF	Health Care ETF		
5	SP400	SP400	SP500	Health Care ETF	Consumer Staples ETF	SP1500	SP500	Communication Services ETF	SP500	Communication Services ETF	Financials ETF	SP500	Communication Services ETF	Information Technology ETF	Industrials ETF	Communication Services ETF	SP500	SP1500		
6	SP500	Industrials ETF	SP1500	SP1500	SP1500	Consumer Staples ETF	SP1500	SP1500	Materials ETF	SP400	SP600	SP1500	SP600	SP400	Consumer Discretionary ETF	Real Estate ETF	SP1500	SP500		
7	SP1500	SP1500	Consumer Staples ETF	SP500	Consumer Discretionary ETF	SP600	Financials ETF	SP500	SP1500	SP500	Industrials ETF	Consumer Discretionary ETF	SP1500	SP500	Materials ETF	SP400	Consumer Staples ETF	Communication Services ETF		
8	Materials ETF	SP500	Materials ETF	Industrials ETF	SP500	Consumer Discretionary ETF	Materials ETF	Materials ETF	SP400	SP1500	SP400	Real Estate ETF	Industrials ETF	SP1500	SP1500	Consumer Discretionary ETF	Information Technology ETF	SP400		
9	Real Estate ETF	Health Care ETF	Financials ETF	Utilities ETF	SP400	SP400	Consumer Discretionary ETF	SP600	Real Estate ETF	Energy ETF	Energy ETF	SP400	SP500	Health Care ETF	SP500	SP1500	SP1500	Industrials ETF	SP600	
10	SP600	Communication Services ETF	Communication Services ETF	Materials ETF	Communication Services ETF	Financials ETF	Industrials ETF	Financials ETF	Health Care ETF	Industrials ETF	Materials ETF	Materials ETF	Health Care ETF	SP600	Information Technology ETF	SP500	Utilities ETF	Consumer Staples ETF		
11	Information Technology ETF	Utilities ETF	SP600	Communication Services ETF	Information Technology ETF	Communication Services ETF	SP400	Consumer Staples ETF	Information Technology ETF	Materials ETF	Consumer Discretionary ETF	Industrials ETF	Financials ETF	Utilities ETF	Real Estate ETF	Consumer Staples ETF	Materials ETF	Information Technology ETF		
12	Consumer Discretionary ETF	Real Estate ETF	Real Estate ETF	Consumer Staples ETF	Materials ETF	Real Estate ETF	Information Technology ETF	Energy ETF	SP600	Consumer Discretionary ETF	Consumer Staples ETF	Financials ETF	Real Estate ETF	Financials ETF	Health Care ETF	Health Care ETF	SP600	Consumer Discretionary ETF		
13	Communication Services ETF	Consumer Discretionary ETF	Health Care ETF	Real Estate ETF	Industrials ETF	Utilities ETF	SP600	Utilities ETF	Consumer Discretionary ETF	Information Technology ETF	Real Estate ETF	SP600	Consumer Staples ETF	Real Estate ETF	Utilities ETF	Utilities ETF	SP400	Materials ETF		
14	Energy ETF	Consumer Staples ETF	Utilities ETF	Energy ETF	Financials ETF	Materials ETF	Energy ETF	Health Care ETF	Energy ETF	Health Care ETF	Utilities ETF	Energy ETF	Utilities ETF	Energy ETF	Consumer Staples ETF	Information Technology ETF	Consumer Discretionary ETF	Industrials ETF		

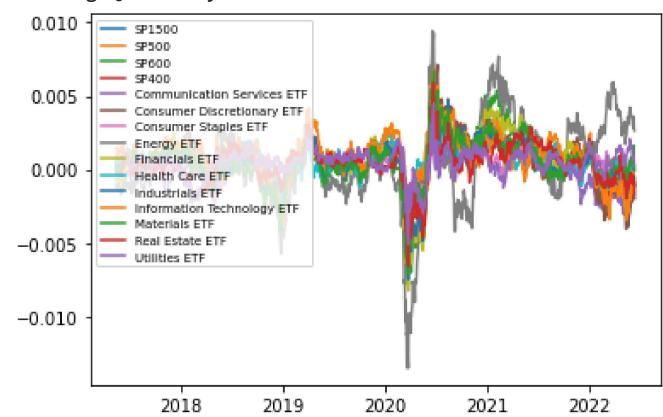
SP1500	SP500	SP600	SP400	Communication Services ETF	Consumer Discretionary ETF	Consumer Staples ETF	Energy ETF	Financials ETF	Health Care ETF	Industrials ETF	Information Technology ETF	Materials ETF	Real Estate ETF	Utilities ETF
2017-03-31	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2017-06-30	-0.051382	-0.050063	-0.062182	-0.048422	-0.100131	-0.091868	-0.025440	-0.174990	-0.022094	-0.005811	-0.016132	-0.080443	-0.055828	-0.058381
2017-09-30	0.003181	0.000019	0.045805	0.014467	-0.007093	-0.037990	-0.047152	0.109346	0.022612	-0.000480	0.007354	0.014530	0.038677	-0.011329
2017-12-31	0.016922	0.019831	-0.019223	0.022589	-0.017136	0.045071	0.013353	0.031530	0.008236	-0.028891	0.026255	0.025556	0.013129	-0.025730
2018-03-31	-0.010699	-0.012140	0.006137	0.015881	-0.052796	0.019273	-0.054858	-0.134719	0.005646	-0.002126	-0.022522	0.014494	-0.045812	-0.059743
2018-06-30	-0.029663	-0.033203	0.026213	-0.034654	-0.040133	-0.031726	-0.029127	0.054247	-0.072380	-0.023447	-0.066357	-0.041394	-0.046617	0.018877
2018-09-30	0.028910	0.032590	0.013684	0.012348	0.000523	0.013497	0.015257	0.061646	0.001499	0.096653	0.049447	0.049026	-0.020602	-0.019380
2018-12-31	-0.192792	-0.187405	-0.251011	-0.223715	-0.161015	-0.214847	-0.101777	-0.309867	-0.204295	-0.155596	-0.223540	-0.241945	-0.212979	-0.097326
2019-03-31	0.162475	0.156226	0.142428	0.177356	0.172414	0.178411	0.129819	0.122651	0.130653	0.099759	0.194181	0.211256	0.153629	0.199781
2019-06-30	-0.042651	-0.040402	-0.069666	-0.049360	-0.040067	-0.080127	0.001076	-0.145035	0.005977	-0.061237	-0.023864	-0.067086	-0.041876	-0.060367
2019-09-30	-0.035335	-0.034223	-0.023358	-0.029676	-0.024614	-0.050001	0.021512	-0.035923	-0.016941	-0.076484	-0.040962	-0.052578	-0.041029	0.056387
2019-12-31	0.040532	0.039790	0.024603	0.015040	0.068829	0.003446	-0.009397	0.012136	0.030943	0.100384	0.018235	0.071503	0.008302	-0.032727
2020-03-31	-0.194680	-0.182486	-0.310282	-0.227834	-0.154237	-0.209953	-0.122809	-0.579790	-0.309998	-0.113615	-0.268318	-0.137433	-0.252205	-0.214934
2020-06-30	0.124958	0.120846	0.143108	0.178975	0.148234	0.259541	0.059081	0.235964	0.074592	0.085758	0.124039	0.196725	0.177885	0.059643
2020-09-30	0.044493	0.044737	0.013720	0.047537	0.074982	0.139870	0.063216	-0.148581	-0.001317	0.021235	0.073160	0.051394	0.092711	-0.006156
2020-12-31	0.082258	0.071099	0.254308	0.159908	0.164231	0.120098	0.028459	0.258414	0.188252	0.053644	0.138765	0.070674	0.113694	0.054444
2021-03-31	0.081383	0.075508	0.202294	0.104521	0.116161	0.095029	0.049048	0.268566	0.185918	0.043251	0.127470	0.008892	0.132090	0.114336
2021-06-30	-0.001262	0.002822	-0.037474	-0.046539	0.032097	-0.055819	-0.005592	0.029813	0.013905	0.004736	-0.017687	-0.007801	-0.033563	0.040229
2021-09-30	-0.041249	-0.043123	-0.049851	-0.044676	-0.043798	-0.065376	-0.052833	0.013512	-0.005853	-0.040924	-0.089000	-0.062373	-0.069757	-0.019522
2021-12-31	0.053080	0.056686	-0.008677	0.026177	-0.054909	0.046232	0.069363	0.007787	-0.023137	0.030459	0.040286	0.074212	0.077855	0.101340
2022-03-31	-0.038479	-0.037108	-0.040576	-0.069924	-0.081542	-0.082760	-0.001199	0.323291	-0.012219	-0.027268	-0.030811	-0.097210	0.012297	-0.039440
2022-06-10	0.064383	0.063601	0.063392	0.063127	0.059812	0.095053	0.027809	0.075929	0.047976	0.061962	0.045803	0.096313	0.065233	0.059622

Symbol

Communication Services ETF	VOX
Consumer Discretionary ETF	VCR
Consumer Staples ETF	VDC
Energy ETF	VDE
Financials ETF	VFH
Health Care ETF	VHT
Industrials ETF	VIS
Information Technology ETF	VGT
Materials ETF	VAW
Real Estate ETF	VNQ
Utilities ETF	VPU

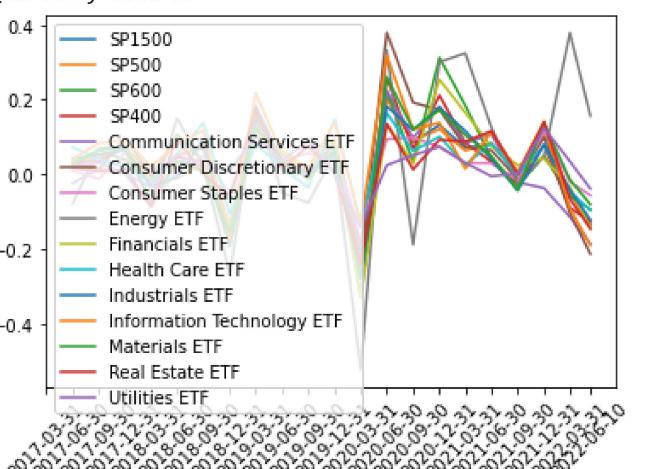
Symbol	risk_trend_factor	Sector
3	VDE	3.378308 Energy ETF
10	VPU	-0.903846 Utilities ETF
2	VDC	-1.815370 Consumer Staples ETF
8	VAW	-2.983225 Materials ETF
9	VNQ	-3.885849 Real Estate ETF
5	VHT	-3.947143 Health Care ETF
6	VIS	-5.096830 Industrials ETF
1	VCR	-5.274843 Consumer Discretionary ETF
4	VFH	-5.669687 Financials ETF
7	VGT	-6.117689 Information Technology ETF
0	VOX	-9.183162 Communication Services ETF

Rolling Quarterly Mean Return



	SP1500	SP500	SP600	SP400	Communication Services ETF	Consumer Discretionary ETF	Consumer Staples ETF	Energy ETF	Financials ETF	Health Care ETF	Industrials ETF	Information Technology ETF	Materials ETF	Real Estate ETF	Utilities ETF
2017-03-31	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2017-06-30	0.030375	0.030708	0.018327	0.031752	-0.024136	0.028386	0.010040	-0.078709	0.038955	0.072895	0.042167	0.041388	0.026999	0.017375	0.022113
2017-09-30	0.044807	0.045666	0.064962	0.035020	0.015498	0.014521	-0.012346	0.069612	0.052789	0.040565	0.052781	0.083223	0.066617	0.008095	0.031518
2017-12-31	0.066880	0.069917	0.038747	0.074139	0.000763	0.097848	0.059268	0.073946	0.073683	0.018576	0.066175	0.093087	0.071798	0.012742	0.000687
2018-03-31	-0.021321	-0.024130	-0.011631	-0.003978	-0.085669	-0.001942	-0.073521	-0.078807	-0.015065	-0.020049	-0.033542	0.020711	-0.072483	-0.086159	-0.033734
2018-06-30	0.052094	0.047568	0.106722	0.045520	0.035862	0.088528	0.006353	0.150528	-0.011331	0.055259	-0.008057	0.080437	0.036210	0.094633	0.053422
2018-09-30	0.070536	0.078236	0.032842	0.032902	0.023115	0.066008	0.050064	0.021911	0.031675	0.137698	0.094874	0.117719	0.007338	0.000044	0.019751
2018-12-31	-0.142834	-0.137319	-0.193040	-0.172165	-0.143117	-0.162070	-0.055862	-0.267451	-0.138848	-0.108129	-0.183620	-0.174415	-0.154310	-0.058855	0.009925
2019-03-31	0.151853	0.144236	0.124660	0.157497	0.139541	0.157197	0.111156	0.178564	0.109942	0.081835	0.183161	0.217473	0.126958	0.173365	0.103055
2019-06-30	0.039106	0.040369	0.010843	0.030815	0.035928	0.040127	0.036556	-0.048754	0.067026	0.017469	0.034436	0.054745	0.040951	0.015389	0.035855
2019-09-30	0.006291	0.011423	-0.004200	-0.009122	-0.002023	0.002509	0.056319	-0.075658	0.013235	-0.035439	0.004465	0.016115	-0.013089	0.075811	0.090872
2019-12-31	0.090490	0.089876	0.082573	0.066590	0.086727	0.056223	0.036517	0.054552	0.096390	0.147851	0.058155	0.139034	0.066971	0.005745	0.002011
2020-03-31	-0.205302	-0.194477	-0.328050	-0.247693	-0.187109	-0.231167	-0.141472	-0.523877	-0.330709	-0.131539	-0.279339	-0.131215	-0.278876	-0.241350	-0.14270
2020-06-30	0.206715	0.201618	0.223617	0.259149	0.224230	0.379795	0.094561	0.332245	0.135641	0.164463	0.182339	0.318555	0.260712	0.135399	0.024507
2020-09-30	0.086119	0.090383	0.032878	0.068091	0.097573	0.192380	0.098022	-0.188315	0.028859	0.062281	0.118587	0.120087	0.120651	0.013268	0.051209
2020-12-31	0.132216	0.121185	0.312278	0.211458	0.182130	0.172875	0.074374	0.300830	0.253698	0.101111	0.178685	0.138205	0.172363	0.092916	0.073335
2021-03-31	0.070761	0.063518	0.184526	0.084662	0.083288	0.073815	0.030385	0.324479	0.165207	0.025327	0.116450	0.015110	0.105419	0.087920	0.031042
2021-06-30	0.080495	0.083593	0.043034	0.033635	0.108092	0.064435	0.029888	0.126094	0.074954	0.083442	0.040613	0.114030	0.049264	0.115985	-0.005272
2021-09-30	0.000378	0.002523	-0.030694	-0.024123	-0.021207	-0.012866	-0.018026	-0.026222	0.024323	0.000121	-0.043573	0.006319	-0.041816	-0.000098	0.002739
2021-12-31	0.103038	0.106772	0.049293	0.077726	-0.037011	0.099010	0.115277	0.050203	0.042310	0.077925	0.080207	0.141743	0.136524	0.139811	0.124048
2022-03-31	-0.049102	-0.049099	-0.058344	-0.089783	-0.114414	-0.103975	-0.019862	0.379204	-0.032929	-0.045192	-0.041831	-0.090992	-0.014374	-0.065856	0.034591
2022-06-10	-0.133501	-0.136923	-0.094221	-0.126263	-0.186172	-0.213144	-0.056250	0.157138	-0.144127	-0.096116	-0.121767	-0.190021	-0.080392	-0.145335	-0.038317

Quarterly Returns

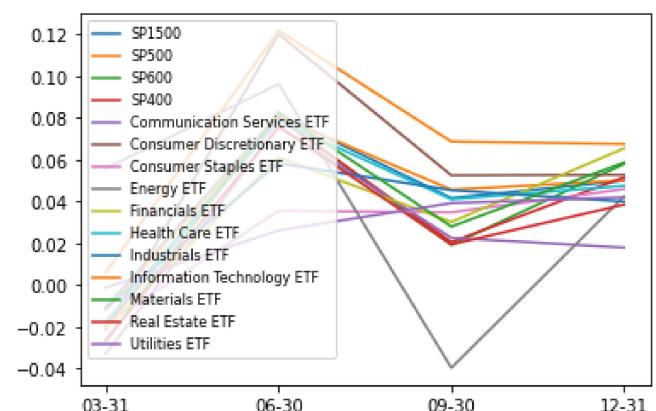


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	SP1500	SP500	SP600	SP400	Communication Services ETF	Consumer Discretionary ETF	Consumer Staples ETF	Energy ETF	Financials ETF	Health Care ETF	Industrials ETF	Information Technology ETF	Materials ETF	Real Estate ETF	Utilities ETF
2017-03-31	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
2017-06-30	0.030375	0.030708	0.018327	0.031752	-0.024136	0.028386	0.010040	-0.078709	0.038955	0.072895	0.042167	0.041388	0.026999	0.017375	0.022113
2017-09-30	0.044807	0.045666	0.064962	0.035020	0.015498	0.014521	-0.012346	0.069612	0.052789	0.040565	0.052781	0.083223	0.066617	0.008095	0.031518
2017-12-31	0.066880	0.069917	0.038747	0.074139	0.000763	0.097848	0.059268	0.073946	0.073683	0.018576	0.066175	0.093087	0.071798	0.012742	0.000687
2018-03-31	-0.021321	-0.024130	-0.011631	-0.003978	-0.085669	-0.001942	-0.073521	-0.078807	-0.015065	-0.020049	-0.033542	0.020711	-0.072483	-0.086159	-0.033734
2018-06-30	0.052094	0.047568	0.106722	0.045520	0.035862	0.088528	0.006353	0.150528	-0.011331	0.055259	-0.008057	0.080437	0.036210	0.094633	0.053422
2018-09-30	0.070536	0.078236	0.032842	0.032902	0.023115	0.066008	0.050064	0.021911	0.031675	0.137698	0.094874	0.117719	0.007338	0.000044	0.019751
2018-12-31	-0.142834	-0.137319	-0.193040	-0.172165	-0.143117	-0.162070	-0.055862	-0.267451	-0.138848	-0.108129	-0.183620	-0.174415	-0.154310	-0.058855	0.009925
2019-03-31	0.151853	0.144236	0.124660	0.157497	0.139541	0.157197	0.111156	0.178564	0.109942	0.081835	0.183161	0.217473	0.126958	0.173365	0.103055
2019-06-30	0.039106	0.040369	0.010843	0.030815	0.035928	0.040127	0.036556	-0.048754	0.067026	0.017469	0.034436	0.054745	0.040951	0.015389	0.035855
2019-09-30	0.006291	0.011423	-0.004200	-0.009122	-0.002023	0.002509	0.056319	-0.075658	0.013235	-0.035439	0.004465	0.016115	-0.013089	0.075811	0.090872
2019-12-31	0.090490	0.089876	0.082573	0.066590	0.086727	0.056223	0.036517	0.054552	0.096390	0.147851	0.058155	0.139034	0.066971	0.005745	0.002011
2020-03-31	-0.205302	-0.194477	-0.328050	-0.247693	-0.187109	-0.231167	-0.141472	-0.523877	-0.330709	-0.131539	-0.279339	-0.131215	-0.278876	-0.241350	-0.141270
2020-06-30	0.206715	0.201618	0.223617	0.259149	0.224230	0.379795	0.094561	0.332245	0.135641	0.164463	0.182339	0.318555	0.260712	0.135399	0.024507
2020-09-30	0.086119	0.090383	0.032878	0.068091	0.097573	0.192380	0.098022	-0.188315	0.028859	0.062281	0.118587	0.120087	0.120651	0.013268	0.051209
2020-12-31	0.132216	0.121185	0.312278	0.211458	0.182130	0.172875	0.074374	0.300830	0.253698	0.101111	0.178685	0.138205	0.172363	0.092916	0.073335
2021-03-31	0.070761	0.063518	0.184526	0.084662	0.083288	0.073815	0.030385	0.324479	0.165207	0.025327	0.116450	0.015110	0.105419	0.087920	0.031042
2021-06-30	0.080495	0.083593	0.043034	0.033635	0.108092	0.064435	0.029888	0.126094	0.074954	0.083442	0.040613	0.114030	0.049264	0.115985	-0.005272
2021-09-30	0.000378	0.002523	-0.030694	-0.024123	-0.021207	-0.012866	-0.018026	-0.026222	0.024323	0.000121	-0.043573	0.006319	-0.041816	-0.000098	0.002739
2021-12-31	0.103038	0.106772	0.049293	0.077726	-0.037011	0.099010	0.115277	0.050203	0.042310	0.077925	0.080207	0.141743	0.136524	0.139811	0.124048
2022-03-31	-0.049102	-0.049099	-0.058344	-0.089783	-0.114414	-0.103975	-0.019862	0.379204	-0.032929	-0.045192	-0.041831	-0.090992	-0.014374	-0.065856	0.034591
2022-06-10	-0.133501	-0.136923	-0.094221	-0.126263	-0.186172	-0.213144	-0.056250	0.157138	-0.144127	-0.096116	-0.121767	-0.190021	-0.080392	-0.145335	-0.038317

	Energy ETF	Utilities ETF	Consumer Staples ETF	Materials ETF	SP600	Health Care ETF	Industrials ETF	SP400	SP1500	SP500	Financials ETF	Real Estate ETF	Communication Services ETF	Information Technology ETF	Consumer Discretionary ETF
2017-03-31 00:00:00	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan	nan
2017-06-30 00:00:00	-0.078709	0.022113	0.010040	0.026999	0.018327	0.072895	0.042167	0.031752	0.030375	0.030708	0.038955	0.017375	-0.024136	0.041388	0.028386
2017-09-30 00:00:00	0.069612	0.031518	-0.012346	0.066617	0.064962	0.040565	0.052781	0.035020	0.044807	0.045666	0.052789	0.008095	0.015498	0.083223	0.014521
2017-12-31 00:00:00	0.073946	0.000687	0.059268	0.071798	0.038747	0.018576	0.066175	0.074139	0.066880	0.069917	0.073683	0.012742	0.000763	0.093087	0.097848
2018-03-31 00:00:00	-0.078807	-0.033734	-0.073521	-0.072483	-0.011631	-0.020049	-0.033542	-0.003978	-0.021321	-0.024130	-0.015065	-0.086159	-0.085669	0.020711	-0.001942
2018-06-30 00:00:00	0.150528	0.053422	0.006353	0.036210	0.106722	0.055259	-0.008057	0.045520	0.052094	0.047568	-0.011331	0.094633	0.035862	0.080437	0.088528
2018-09-30 00:00:00	0.021911	0.019751	0.050064	0.007338	0.032842	0.137698	0.094874	0.032902	0.070536	0.078236	0.031675	0.000044	0.023115	0.117719	0.066008
2018-12-31 00:00:00	-0.267451	0.009925	-0.055862	-0.154310	-0.193040	-0.108129	-0.183620	-0.172165	-0.142834	-0.137319	-0.138848	-0.058855	-0.143117	-0.174415	-0.162070
2019-03-31 00:00:00	0.178564	0.103055	0.111156	0.126958	0.124660	0.081835	0.183161	0.157497	0.151853	0.144236	0.109942	0.173365	0.139541	0.217473	0.157197
2019-06-30 00:00:00	-0.048754	0.035855	0.036556	0.040951	0.010843	0.017469	0.034436	0.030815	0.039106	0.040369	0.067026	0.015389	0.035928	0.054745	0.040127
2019-09-30 00:00:00	-0.075658	0.090872	0.056319	-0.013089	-0.004200	-0.035439	0.004465	-0.009122	0.006291	0.011423	0.013235	0.075811	-0.002023	0.016115	0.002509
2019-12-31 00:00:00	0.054552	0.002011	0.036517	0.066971	0.082573	0.147851	0.058155	0.066590	0.090490	0.089876	0.096390	0.005745	0.086727	0.139034	0.056223
2020-03-31 00:00:00	-0.523877	-0.141270	-0.141472	-0.278876	-0.328050	-0.131539	-0.279339	-0.247693	-0.205302	-0.194477	-0.330709	-0.241350	-0.187109	-0.131215	-0.231167
2020-06-30 00:00:00	0.332245	0.024507	0.094561	0.260712	0.223617	0.164463	0.182339	0.259149	0.206715	0.201618	0.135641	0.135399	0.224230	0.318555	0.379795
2020-09-30 00:00:00	-0.188315	0.051209	0.098022	0.120651	0.032878	0.062281	0.118587	0.068091	0.086119	0.090383	0.028859	0.013268	0.097573	0.120087	0.192380
2020-12-31 00:00:00	0.300830	0.073335	0.074374	0.172363	0.312278	0.101111	0.178685	0.211458	0.132216	0.121185	0.253698	0.092916	0.182130	0.138205	0.172875
2021-03-31 00:00:00	0.324479	0.031042	0.030385	0.105419	0.184526	0.025327	0.116450	0.084662	0.070761	0.063518	0.165207	0.087920	0.083288	0.015110	0.073815
2021-06-30 00:00:00	0.126094	-0.005272	0.029888	0.049264	0.043034	0.083442	0.040613	0.033635	0.080495	0.083593	0.074954	0.115985	0.108092	0.114030	0.064435
2021-09-30 00:00:00	-0.026222	0.002739	-0.018026	-0.041816	-0.030694	0.000121	-0.043573	-0.024123	0.000378	0.002523	0.024323	-0.000098	-0.021207	0.006319	-0.012866
2021-12-31 00:00:00	0.050203	0.124048	0.115277	0.136524	0.049293	0.077925	0.080207	0.077726	0.103038	0.106772	0.042310	0.139811	-0.037011	0.141743	0.099010
2022-03-31 00:00:00	0.379204	0.034591	-0.019862	-0.014374	-0.058344	-0.045192	-0.041831	-0.089783	-0.049102	-0.049099	-0.032929	-0.065856	-0.114414	-0.090992	-0.103975
2022-06-10 00:00:00	0.157138	-0.038317	-0.056250	-0.080392	-0.094221	-0.096116	-0.121767	-0.126263	-0.133501	-0.136923	-0.144127	-0.145335	-0.186172	-0.190021	-0.213144

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Index(['SP1500', 'SP500', 'SP600', 'SP400', 'Communication Services ETF', 'Consumer Discretionary ETF', 'Consumer Staples ETF', 'Energy ETF', 'Financials ETF', 'Health Care ETF', 'Industrials ETF', 'Information Technology ETF', 'Materials ETF', 'Real Estate ETF', 'Utilities ETF'],
      dtype='object')
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SP1500	-0.133501
SP500	-0.136923
SP600	-0.094221
SP400	-0.126263
Communication Services ETF	-0.186172
Consumer Discretionary ETF	-0.213144
Consumer Staples ETF	-0.056250
Energy ETF	0.157138
Financials ETF	-0.144127
Health Care ETF	-0.096116
Industrials ETF	-0.121767
Information Technology ETF	-0.190021
Materials ETF	-0.080392
Real Estate ETF	-0.145335
Utilities ETF	-0.038317

Symbol	max_2y	min_2y	std_2y	mean_2y	max_1y	min_1y	std_1y	mean_1y	latest_p	2yr_close_0pct	...	vol_30d_2yr	pct_1yr	pct_2yr	MIN_Lookback_One_Year	MIN_Lookback_6_Months	MIN_Lookback_2_Months	MIN_Lookback_1_Months	volume_factor	adf	hurst
MTOR	36.299999	18.16	4.606631	26.98698	36.299999	20.5	5.460747	27.86792	36.119999	12.11	...	20301256.12708	0.988608	0.990077	32.93	32.93	36.240002	36.279999	1.167952	0.308552	0.433895
Y	862.869995	460.579987	89.563942	650.64594	862.869995	585.099976	76.003139	705.076921	834.109985	451.859985	...	1456858.698941	0.896461	0.928509	737.890015	737.890015	862.869995	862.869995	1.713893	0.389055	0.457411
TVTY	32.889999	10.19	5.620871	22.92804	32.889999	21.25	3.298713	26.784	32.279999	2.68	...	14974563.993949	0.947594	0.973128	27.85	29.18	32.889999	32.889999	0.975728	0.524133	0.449983
MCK	339.940002	139.759995	52.614213	207.774528	339.940002	184.429993	48.520659	245.625375	313.339996	104.688698	...	33946622.768533	0.82895	0.86712	204.660004	233.740005	329.359985	339.940002	0.653279	0.998714	0.463166
ACC	65.220001	31.07	9.214313	45.950842	65.220001	46.720001	5.555166	53.561347	64.769997	18.98494	...	20837020.877458	0.975675	0.986823	49.209999	55.619999	58.009998	65.019997	2.984429	0.981927	0.416828
...
AMAT	missing	missing	missing	missing	missing	missing	missing	missing	missing	...	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing
ANTM	missing	missing	missing	missing	missing	missing	missing	missing	missing	...	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing
HAL	missing	missing	missing	missing	missing	missing	missing	missing	missing	...	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing
NEM	missing	missing	missing	missing	missing	missing	missing	missing	missing	...	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing
CAH	missing	missing	missing	missing	missing	missing	missing	missing	missing	...	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing

1530 rows × 43 columns

Symbol	Sector	
0	PG	Consumer Defensive
1	NBHC	Financial Services
2	ENTA	Healthcare
3	UDR	Real Estate
4	SMTC	Technology
...
1515	ACIW	error
1516	PFE	Healthcare
1517	VCR	error
1518	ARCB	Industrials
1519	GME	Consumer Cyclical

1520 rows × 2 columns

Symbol	max_2y	min_2y	std_2y	mean_2y	max_1y	min_1y	std_1y	mean_1y	latest_p	...	pct_1yr	pct_2yr	MIN_Lookback_One_Year	MIN_Lookback_6_Months	MIN_Lookback_2_Months	MIN_Lookback_1_Months	volume_factor	adf	hurst	Sector	
0	MTOR	36.299999	18.16	4.606631	26.98698	36.299999	20.5	5.460747	27.86792	36.119999	...	0.988608	0.990077	32.93	32.93	36.240002	36.279999	1.167952	0.308552	0.433895	error
1	Y	862.869995	460.579987	89.563942	650.64594	862.869995	585.099976	76.003139	705.076921	834.109985	...	0.896461	0.928509	737.890015	737.890015	862.869995	862.869995	1.713893	0.389055	0.457411	Financial Services
2	TVTY	32.889999	10.19	5.620871	22.92804	32.889999	21.25	3.298713	26.784	32.279999	...	0.947594	0.973128	27.85	29.18	32.889999	32.889999	0.975728	0.524133	0.449983	error
3	MCK	339.940002	139.759995	52.614213	207.774528	339.940002	184.429993	48.520659	245.625375	313.339996	...	0.82895	0.86712	204.660004	233.740005	329.359985	339.940002	0.653279	0.998714	0.463166	Healthcare
4	ACC	65.220001	31.07	9.214313	45.950842	65.220001	46.720001	5.555166	53.561347	64.769997	...	0.975675	0.986823	49.209999	55.619999	58.009998	65.019997	2.984429	0.981927	0.416828	error
5	CVX	182.399994	65.160004	29.711143	105.228454	182.399994	92.860001	28.348687	125.4524	175.399994	...	0.921823	0.940293	113.110001	119.260002	174.759995	174.759995	1.209596	0.97985	0.498334	Energy
6	EQT	50.41	10.52	8.067941	20.832639	50.41	15.71	8.938844	25.470636	47.959999	...	0.929395	0.938581	23.24	23.24	40.689999	45.5	1.217357	0.932879	0.501911	Energy
7	LNTH	73.779999	10.52	15.093208	26.37563	73.779999	22.200001	15.582726	36.3232	63.849998	...	0.807484	0.843029	25.790001	31.6	60.709999	69.738998	2.300963	0.990883	0.532857	Healthcare
8	SWX	95.620003	57.0	8.203573	67.857751	95.620003	62.540001	8.955224	72.377324	91.889999	...	0.887243	0.903418	73.540001	73.540001	81.089996	92.440002	1.47625	0.284442	0.398907	Utilities
9	MPC	114.349998	26.559999	19.074529	55.904358	114.349998	50.189999	14.42865	70.18311	108.339996	...	0.906328	0.931541	64.839996	68.779999	87.669998	96.900002	0.997729	0.991702	0.523957	Energy
10	MUSA	262.579987	109.110001	35.616647	156.556014	262.579987	126.559998	32.920196	182.841054	237.960007	...	0.818997	0.839578	159.0	192.320007	225.460007	251.279999	1.023661	0.99617	0.410367	Consumer Cyclical
11	SJI	35.32	18.24	4.548892	24.632769	35.32	20.75	4.788175	27.217406	34.060001	...	0.913521	0.92623	29.24	29.24	35.32	35.32	1.10309	0.165217	0.413386	Utilities
12	VDE	130.350006	36.619999	21.815405	71.425177	130.350006	62.919998	16.837208	87.675927	123.860001	...	0.903752	0.930759	79.489998	84.209999	111.800003	115.279999	1.169962	0.947803	0.52196	error
13	XOM	105.57	31.110001	17.530923	56.46274	105.57	52.099998	13.763438	69.425423	100.459999	...	0.904432	0.931373	64.800003	66.379997	91.510002	92.050003	1.434399	0.977852	0.536671	Energy
14	DVN	79.400002	7.73	18.689183	30.540565	79.400002	24.049999	14.974596	45.293388	74.059998	...	0.903523	0.925492	31.99	45.560001	63.419998	69.75	1.304951	0.994381	0.555599	Energy
15	MRO	33.240002	3.73	7.09796	12.982678	33.240002	10.41	5.844906	18.362507	30.290001	...	0.870784	0.900034	14.16	17.59	26.860001	29.0	1.127529	0.972772	0.54597	Energy
16	PBF	44.119999	4.06	7.061263	13.9418	44.119999	7.24	7.637092	17.58208	40.330002	...	0.897234	0.905392	18.780001	18.780001	27.32	32.41	1.018074	0.730477	0.555776	Energy
17	APA	51.950001	7.45	10.056634	22.599485	51.950001	15.55	9.250318	29.70334	48.810001	...	0.913736	0.929438	24.299999	31.139999	43.880001	45.27	1.279846	0.443494	0.44772	Energy
18	CTRA	36.549999	14.28	4.380073	20.14794	36.549999	14.28	5.291072	22.31224	34.310001	...	0.899416	0.899416	20.33	23.639999	29.49	33.0	1.337181	0.507048	0.467954	Energy

19 rows × 45 columns

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       '2yr_close_100pct', '1yr_close_0pct', '1yr_close_2pct',
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"\nabove_1yearSDev = screener_good[screener_good['latest_p']]>screener['mean_1y']+screener_good['std_1y']]['Symbol'].values\nabove_2yearSDev = screener_good[screener_good['latest_p']]>screener['mean_2y']+screener_good['std_2y']]['Symbol'].values\nabove_yearSDev = np.intersect1d(above_1yearSDev,above_2yearSDev)\n"

```

```

"\nabove_2year_t = screener[screener['pct_2yr']>threshold]['Symbol'].values\nabove_1year_t = screener[screener['pct_1yr']>threshold]['Symbol'].values\nabove_years_t = np.intersect1d(above_2year_t,above_1year_t)\n"

```

adf < .05 or .01, mean reverting

Hurst

> .5 - The time series is mean reverting.

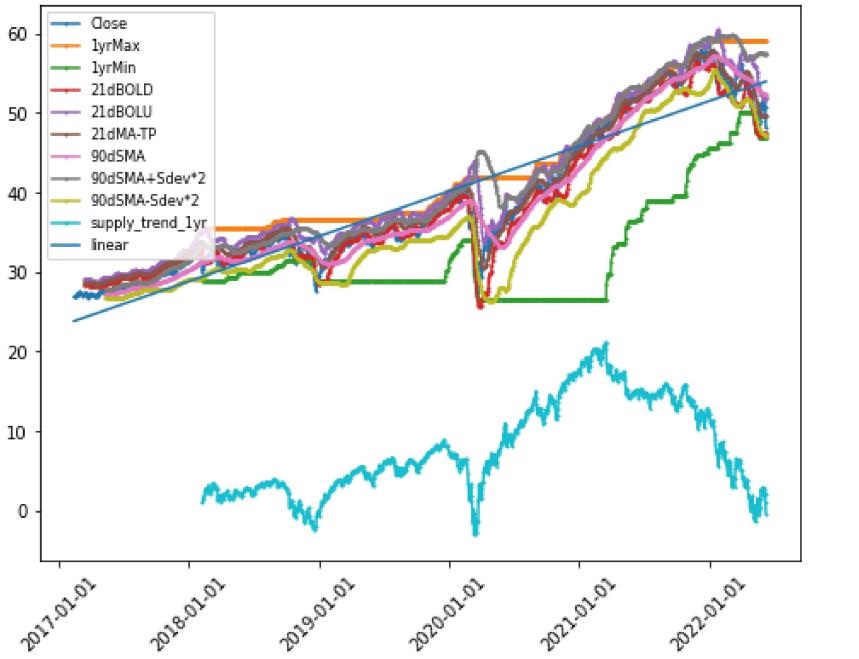
= .5 - The time series is a Geometric Brownian Motion.

< .5 - The time series is trending.

SPTM

Index: SP1500

supply trend: 10701430.030257186



SPTM

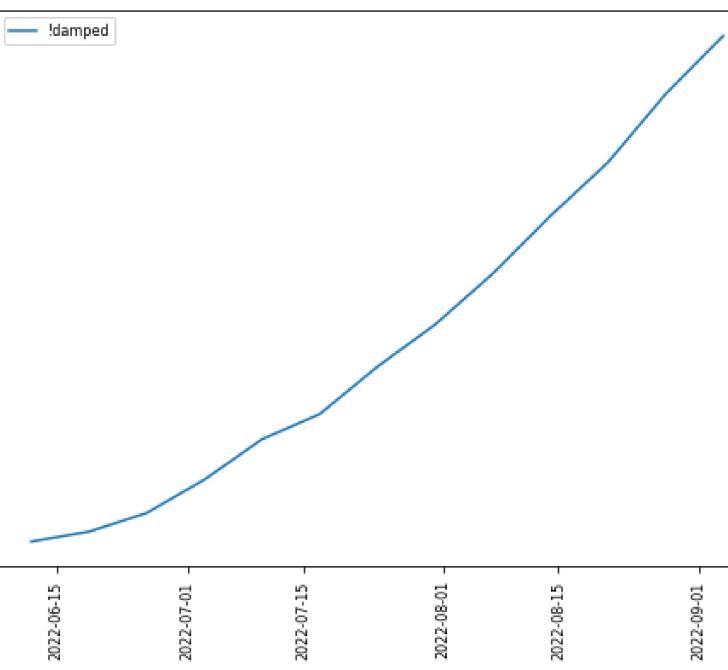
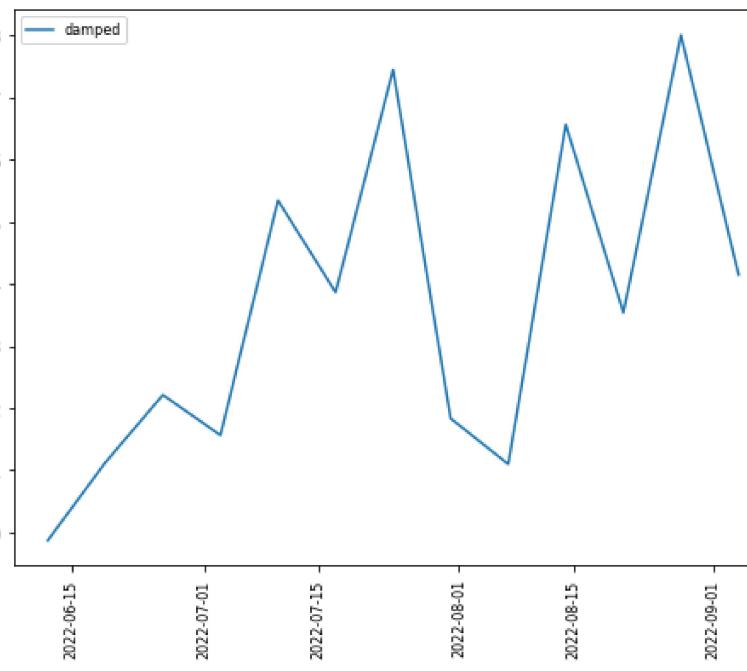
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

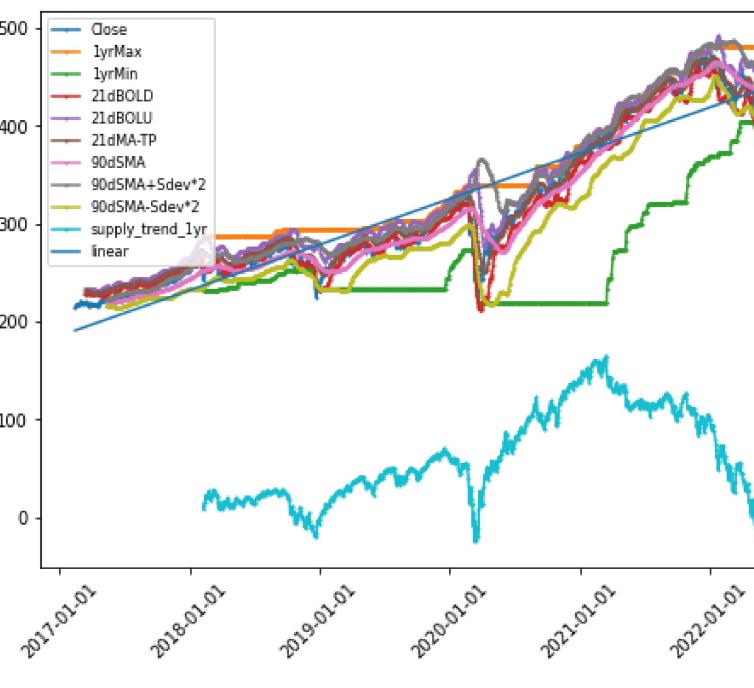
2022-06-10 47.422277 49.676984 51.931691

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
SPTM	1.445517	48.16	10701430.030257	0.514882	0.731043	0.430862

ets next 13 weeks



```
1
['options', ('2022-06-17',)]
SPY
Index: SP500
supply trend: 1781380150.6807866
```



totalAssets trailingPE

SPY 3.781762e+11 4.292843

2022-06-10

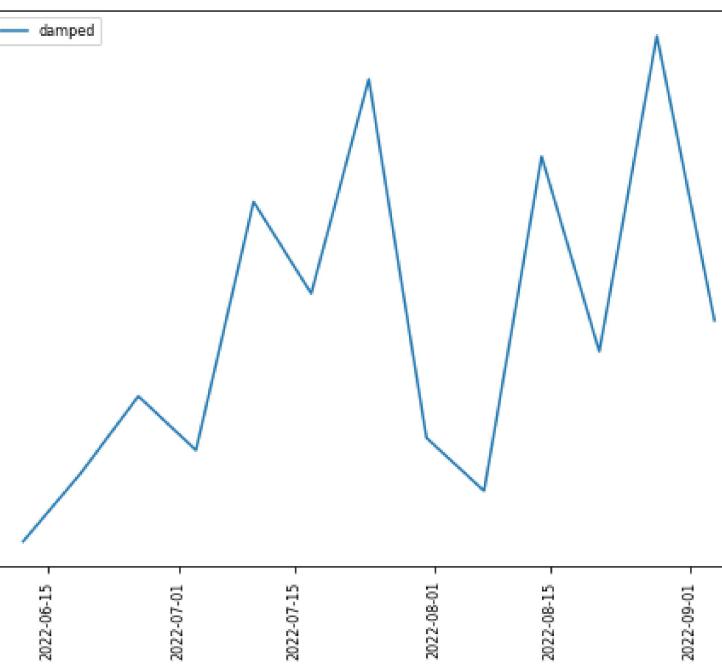
21dBOLD 21dMA-TP 21dBOLU

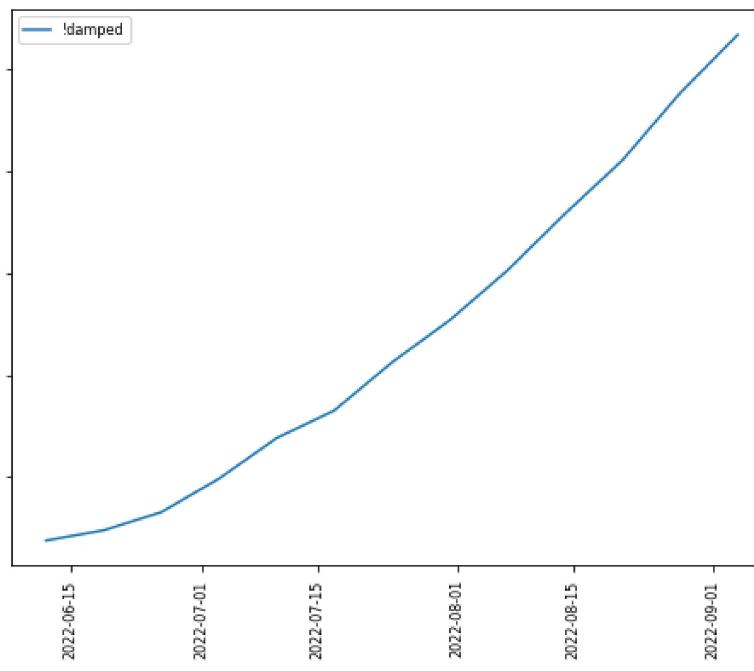
2022-06-10 384.809441 402.729524 420.649606

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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SPY	1.065993	389.799988	1781380150.680787	0.501905	0.730083	0.423507
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ets next 13 weeks

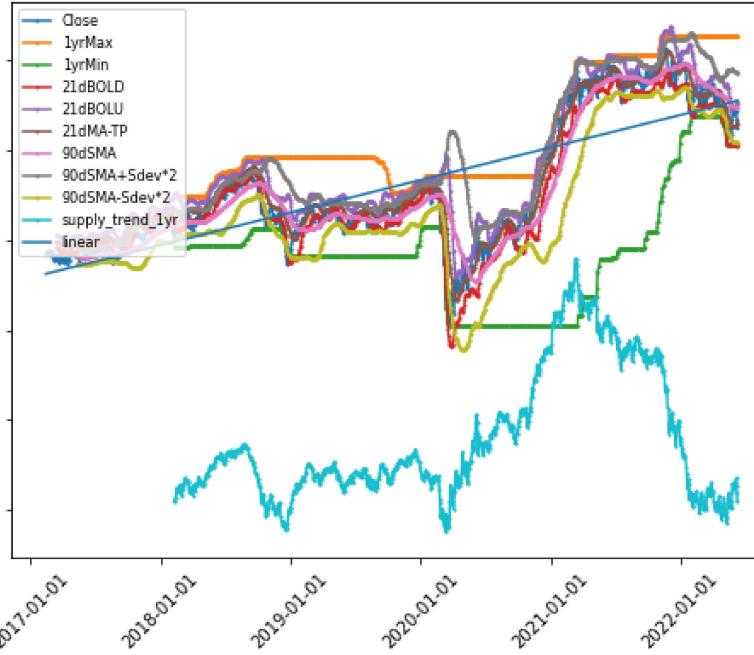




```

11
['options', ('2022-06-17', '2022-06-30', '2022-09-16', '2022-09-30', '2022-12-16', '2023-01-20', '2023-03-17', '2023-06-16', '2023-12-15', '2024-01-19', '2024-12-20')]
SLY
Index: SP600
supply trend: 1733621.860816944

```



SLY

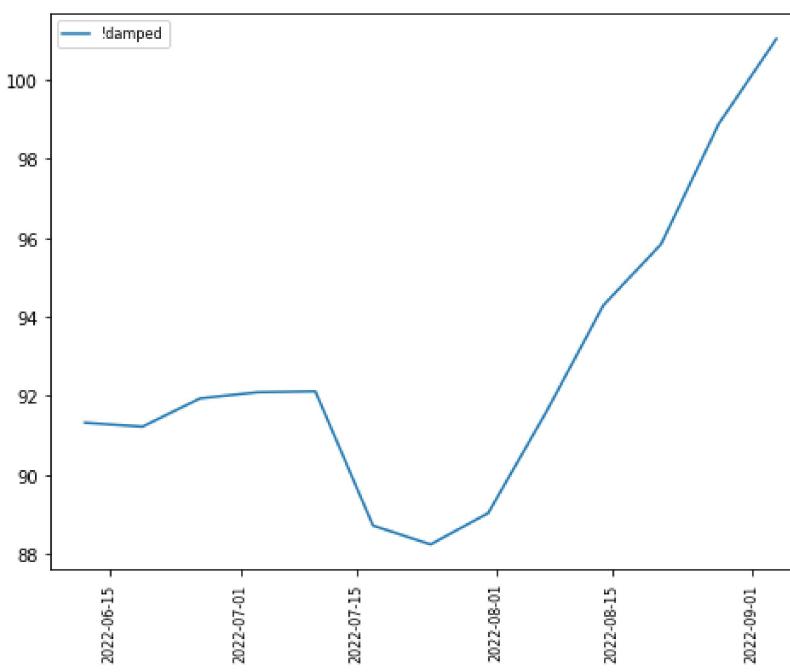
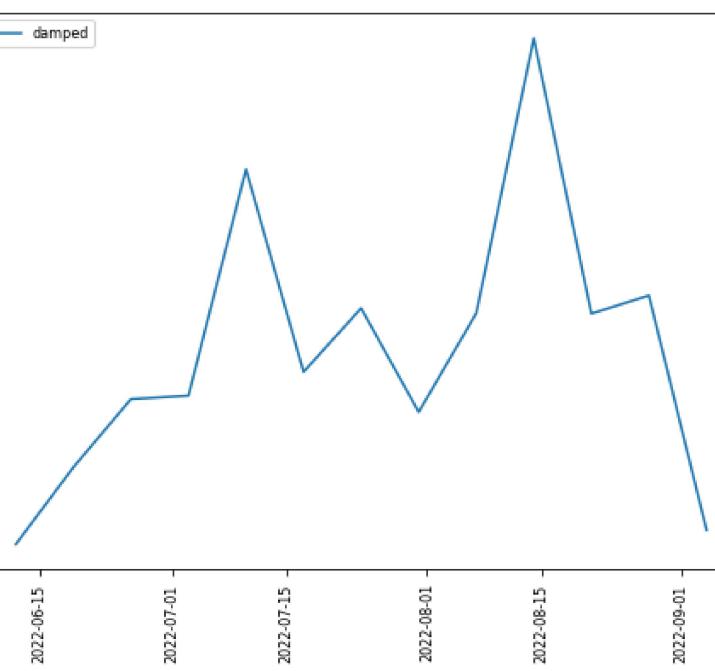
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

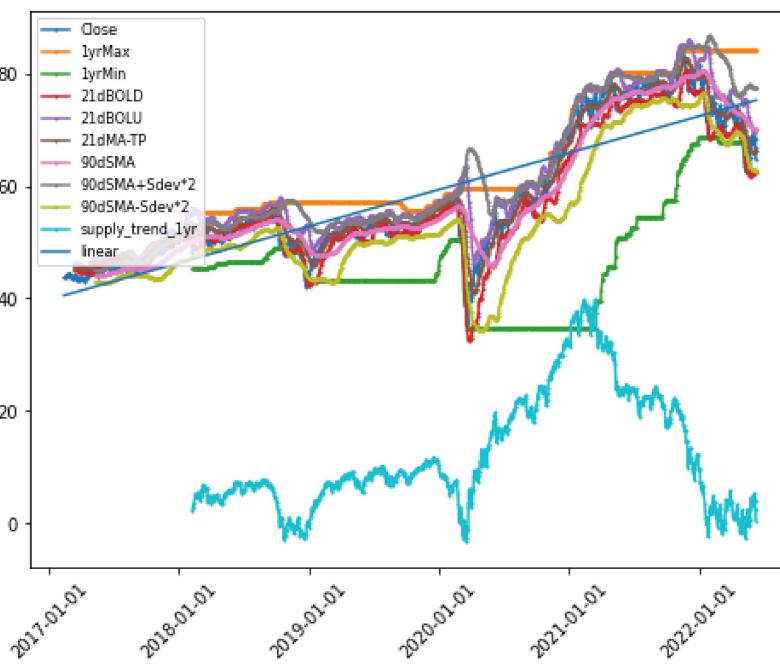
	2022-06-10
21dBOLD	81.56592
21dMA-TP	86.101746
21dBOLU	90.637572

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
SLY	1.265097	84.790001	1733621.860817	0.58507	0.631357	0.516612

ets next 13 weeks



MDYG
Index: SP400
supply trend: 3870598.865355522



MDYG

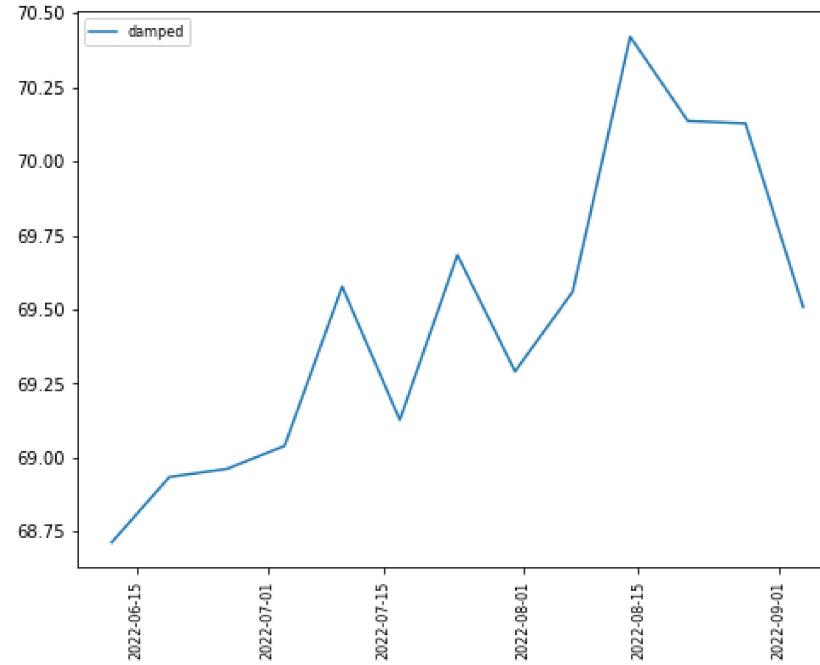
2022-06-10

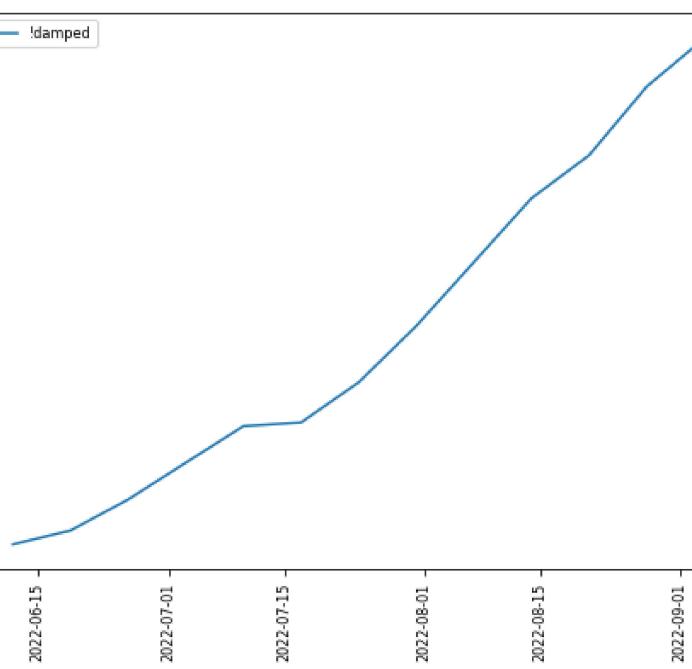
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 62.654627 66.371428 70.088229

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MDYG	0.727588	64.839996	3870598.865356	0.405859	0.564973	0.453632

lets next 13 weeks

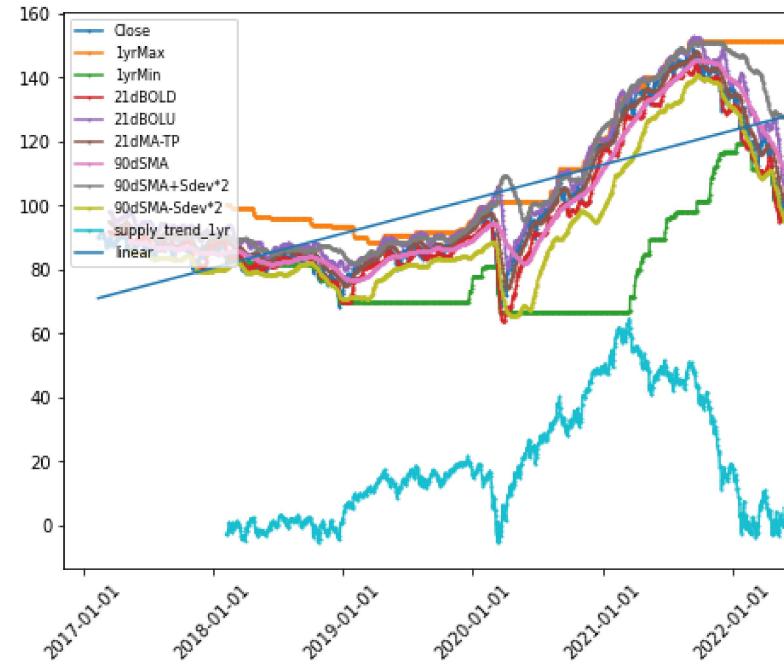




```

1
['options', ('2022-06-17',)]
VOX
Sector: Communication Services ETF
supply trend: 4281925.491679274

```



VOX

2022-06-10

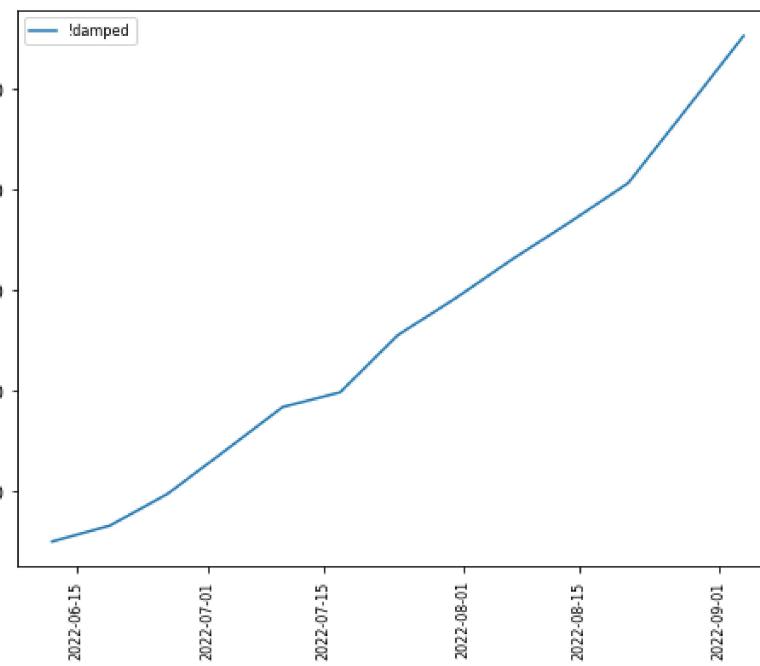
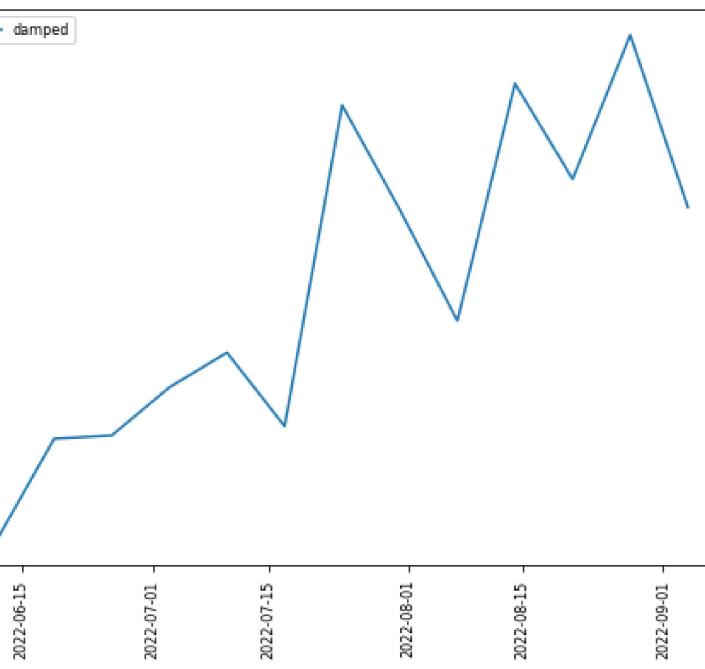
	21dBOLD	21dMA-TP	21dBOLU
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2022-06-10	97.197858	101.223333	105.248808
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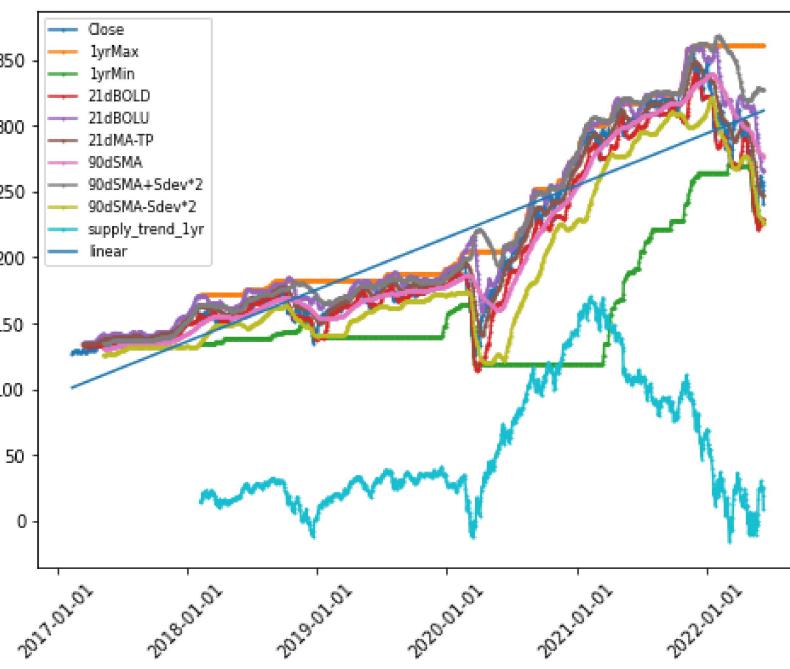
	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
--	---------------	----------	-------------	---------	-----	-------

VOX	1.950828	97.699997	4281925.491679	0.137637	0.718884	0.512033
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ets next 13 weeks



```
1
['options', ('2022-07-15',)]
VCR
Sector: Consumer Discretionary ETF
supply trend: 2149496.8229954615
```



totalAssets

VCR 6.015592e+09

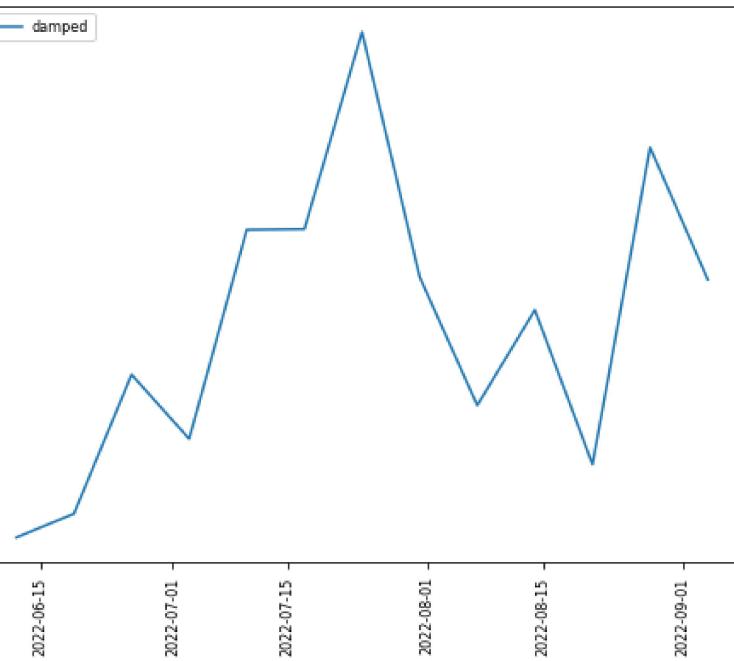
2022-06-10

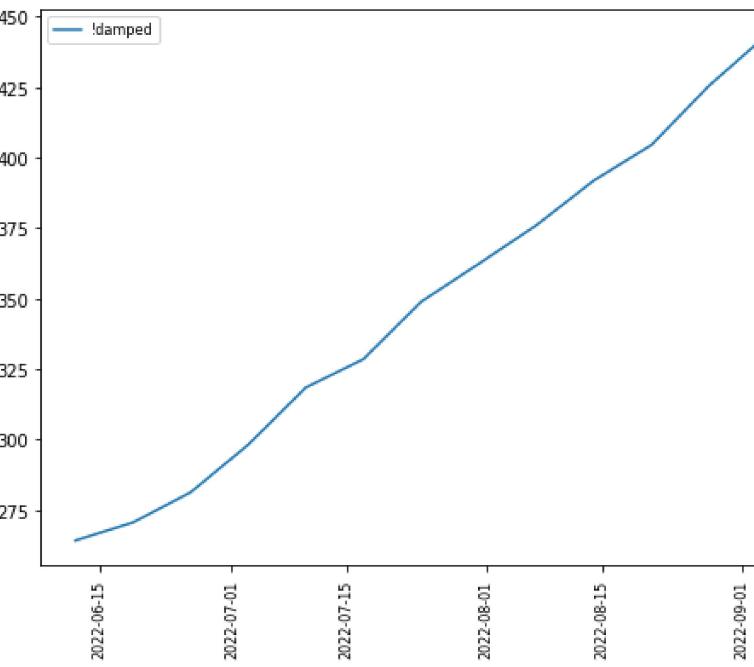
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 228.960223 247.434761 265.9093

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VCR	1.24671	240.179993	2149496.822995	0.290163	0.672666	0.471633

ets next 13 weeks

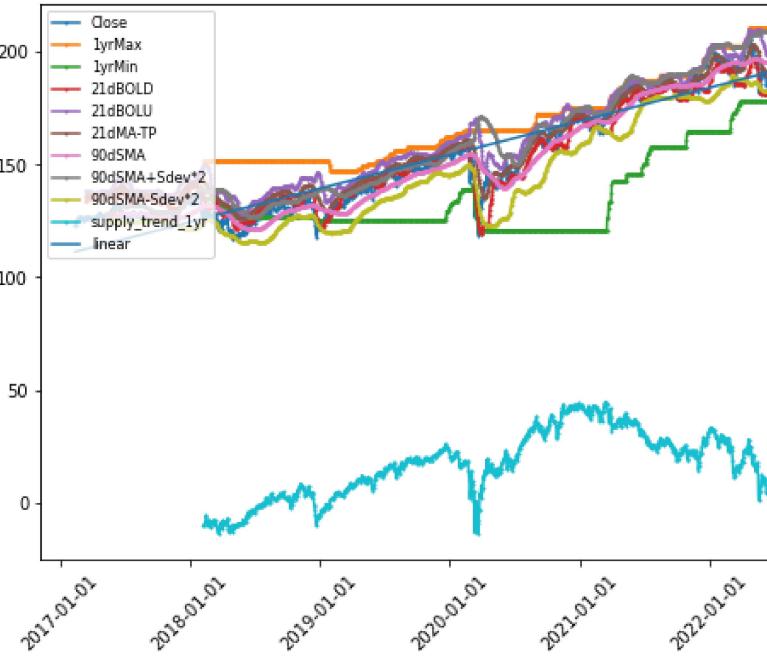




```

1
['options', ('2022-06-17',)]
VDC
Sector: Consumer Staples ETF
supply trend: 3239531.5431164904

```



totalAssets

VDC 8.239956e+09

2022-06-10

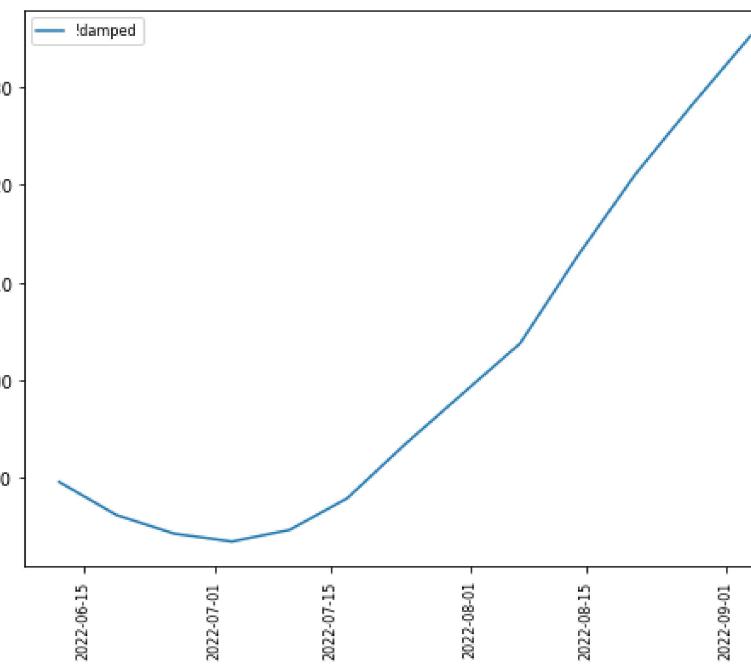
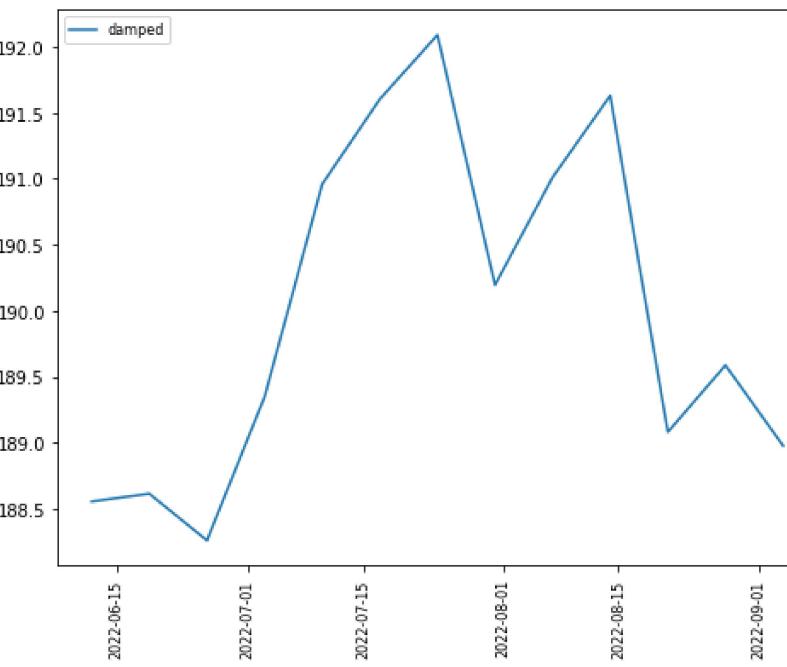
21dBOLD **21dMA-TP** **21dBOLU**

2022-06-10 180.713861 189.626984 198.540108

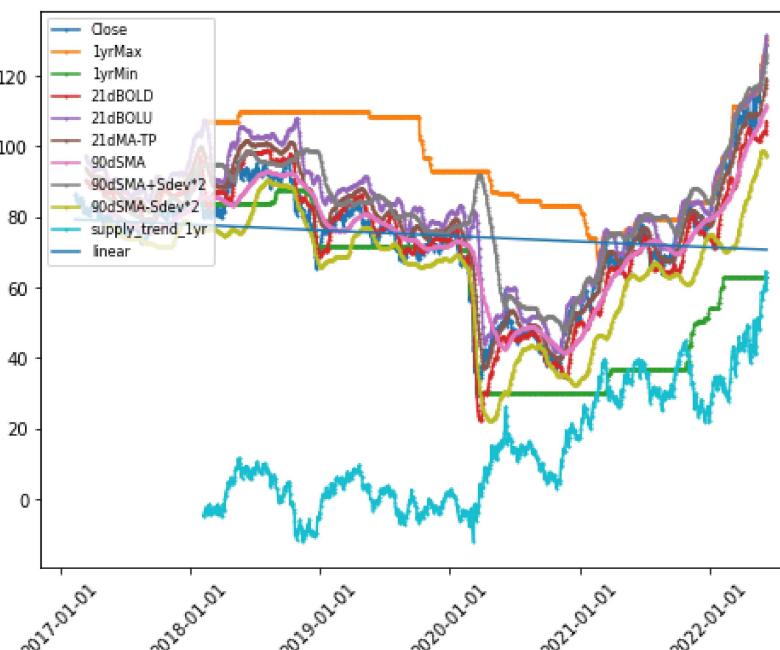
	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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VDC	1.521146	184.889999	3239531.543116	0.610012	0.828818	0.357333
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ets next 13 weeks



```
1
['options', ('2022-07-15',)]
VDE
Sector: Energy ETF
supply trend: 15894021.482602118
```



totalAssets **trailingPE**

VDE 1.106882e+10 10.692059

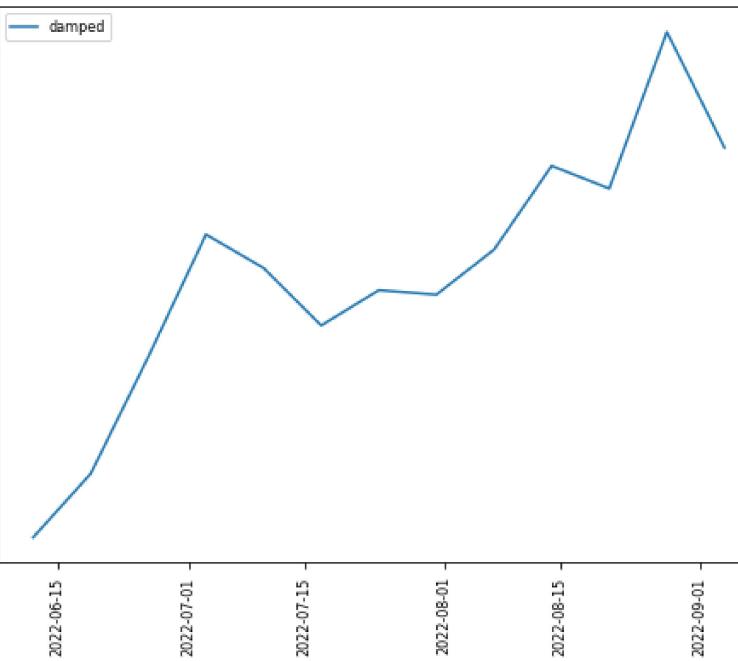
2022-06-10

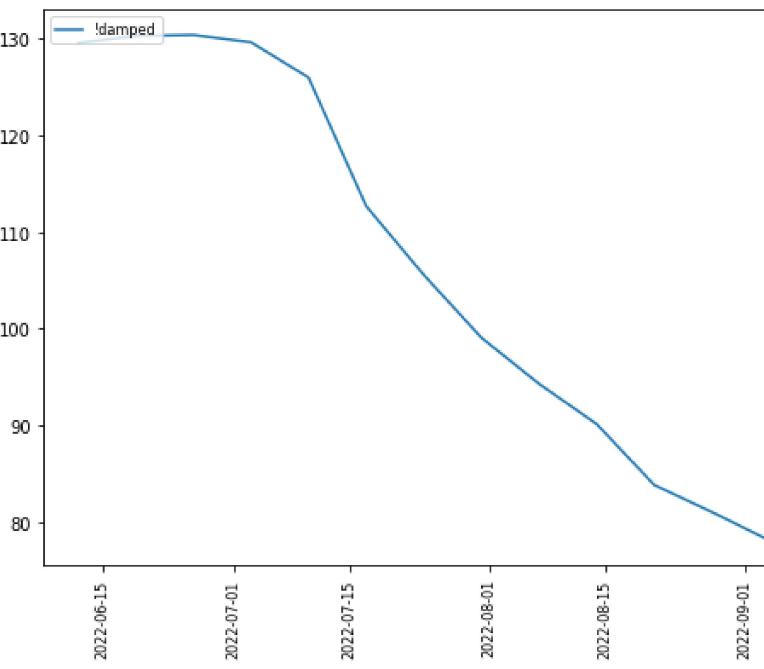
21dBOLD **21dMA-TP** **21dBOLU**

2022-06-10 107.166137 119.294921 131.423705

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VDE	1.169962	123.860001	15894021.482602	0.930759	0.947803	0.52196

ets next 13 weeks



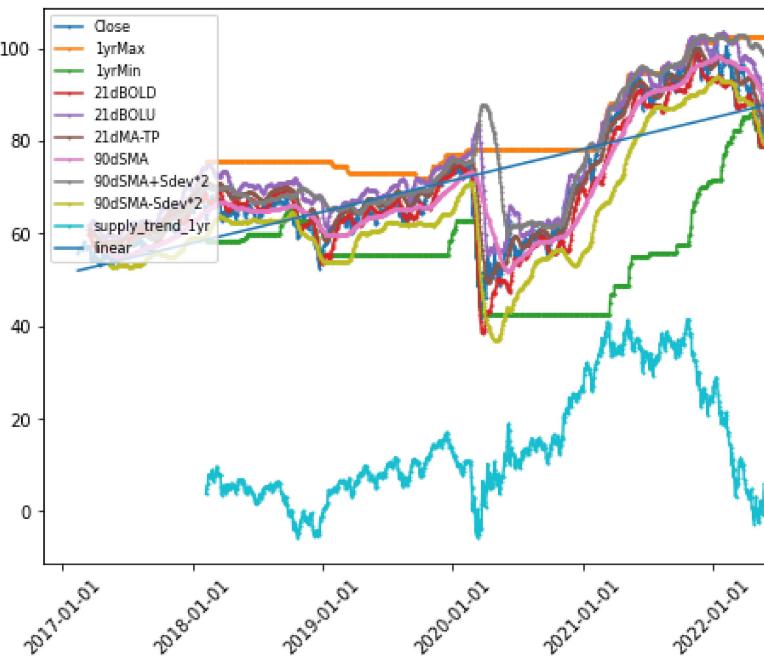


```
1
['options', ('2022-06-17',)]
```

VFH

Sector: Financials ETF

supply trend: 15854911.649016641



totalAssets

VFH 1.055284e+10

2022-06-10

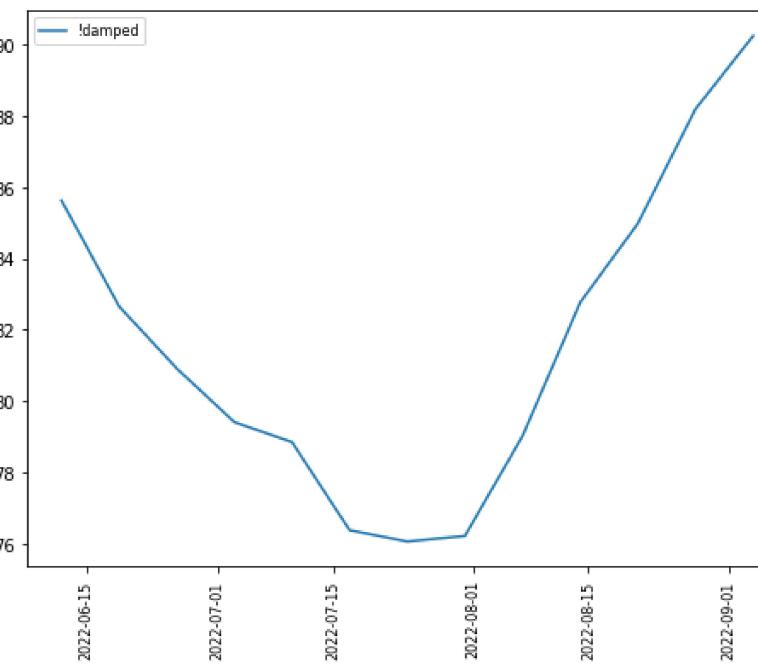
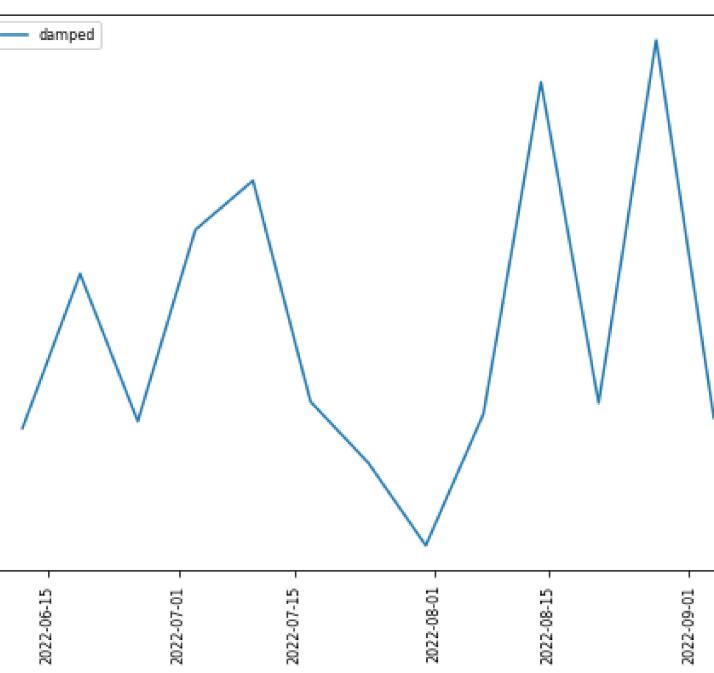
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 79.139405 83.671588 88.203771

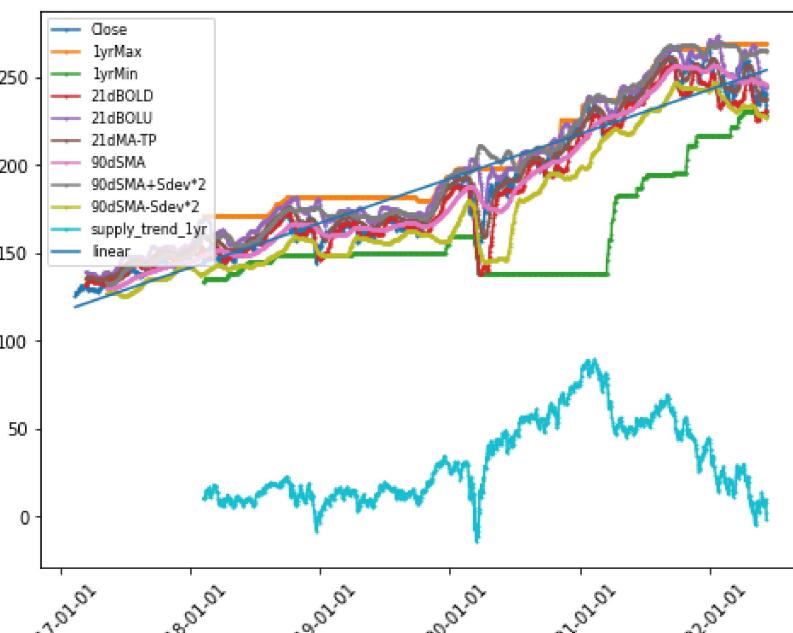
	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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VFH	1.068786	79.93	15854911.649017	0.524221	0.532803	0.492594
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ets next 13 weeks



```
1
['options', ('2022-08-19',)]
VHT
Sector: Health Care ETF
supply trend: 5096065.052950076
```



totalAssets trailingPE

VHT 1.944618e+10 5.167231

2022-06-10

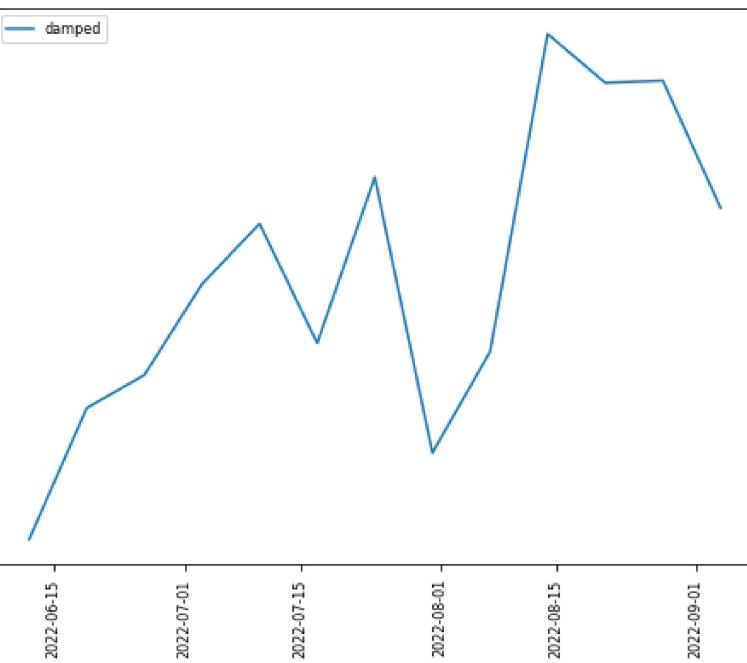
21dBOLD 21dMA-TP 21dBOLU

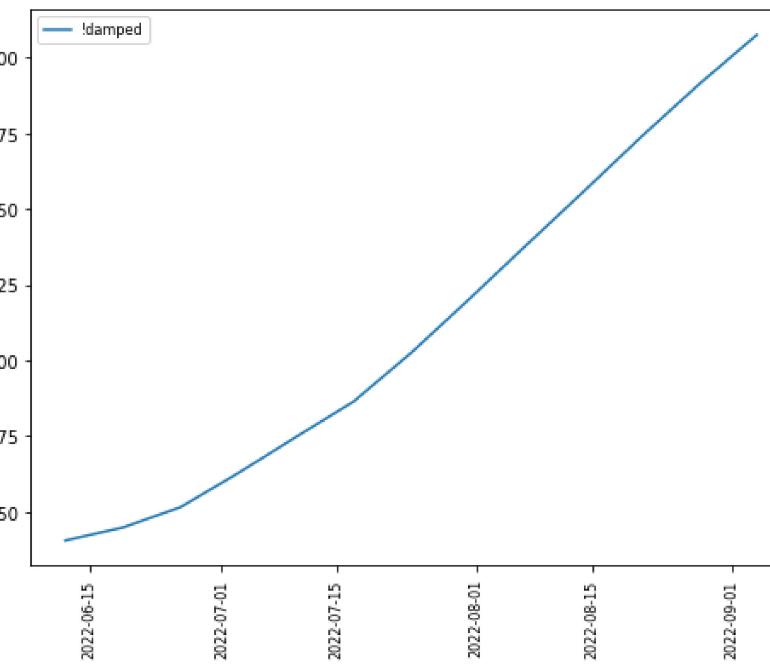
2022-06-10 231.084711 237.690476 244.296241

volume_factor latest_p vol_30d_2yr pct_2yr adf hurst

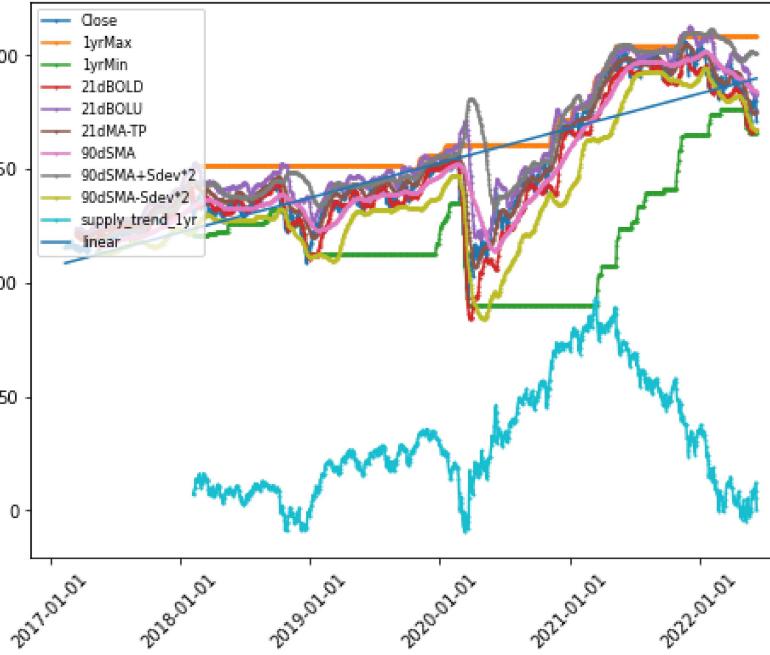
VHT 0.947476 229.929993 5096065.05295 0.525621 0.693779 0.333477

ets next 13 weeks





```
1
['options', ('2022-06-17',)]
VIS
Sector: Industrials ETF
supply trend: 3021835.7791225417
```



VIS

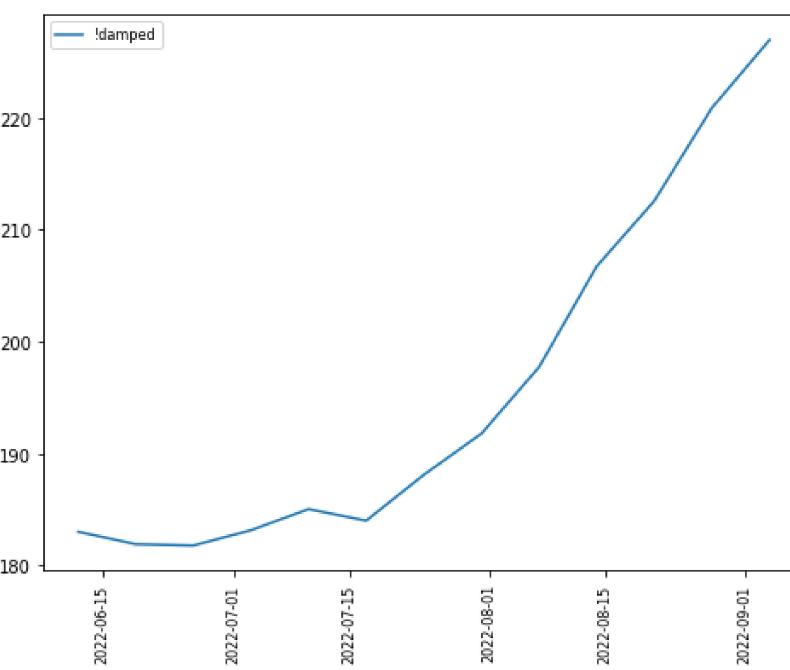
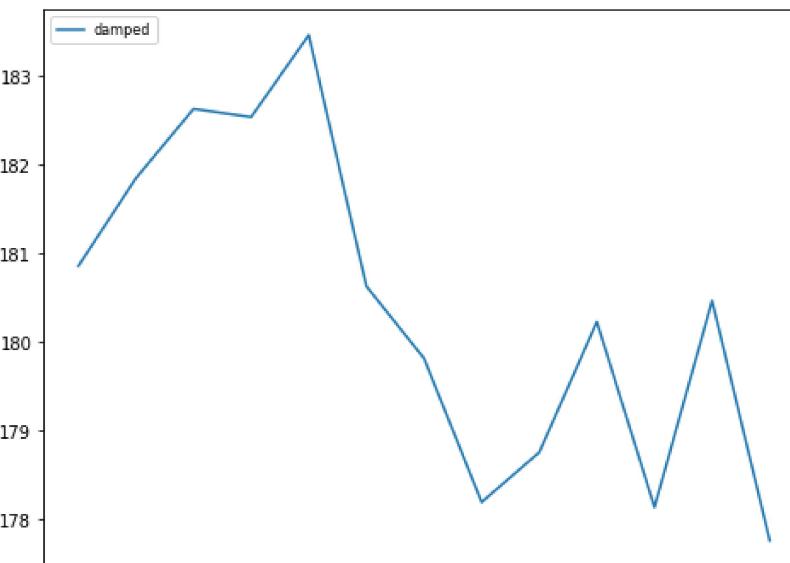
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

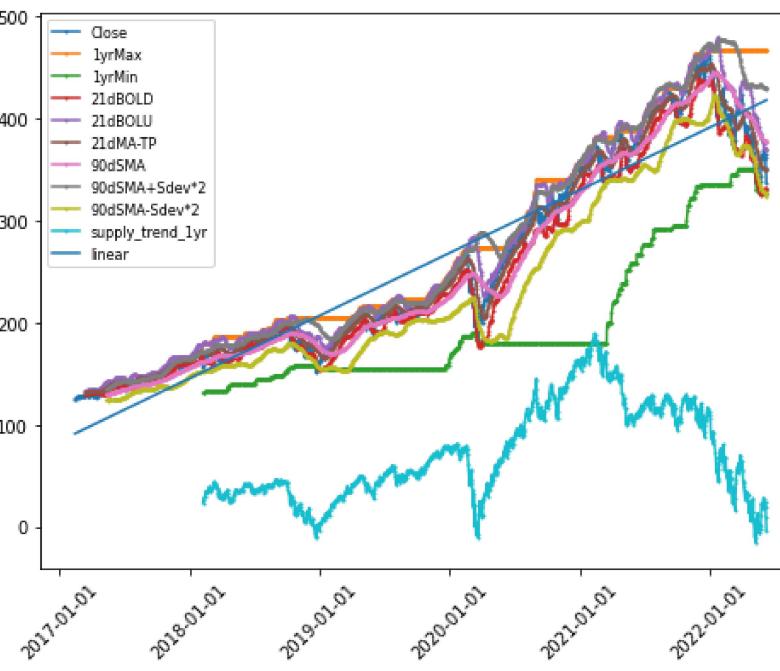
2022-06-10 166.918433 175.029841 183.141249

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VIS	0.897137	170.789993	3021835.779123	0.55486	0.557365	0.472662

ets next 13 weeks



```
1
['options', ('2022-08-19',)]
VGT
Sector: Information Technology ETF
supply trend: 13900429.727685325
```



totalAssets

VGT 5.044675e+10

2022-06-10

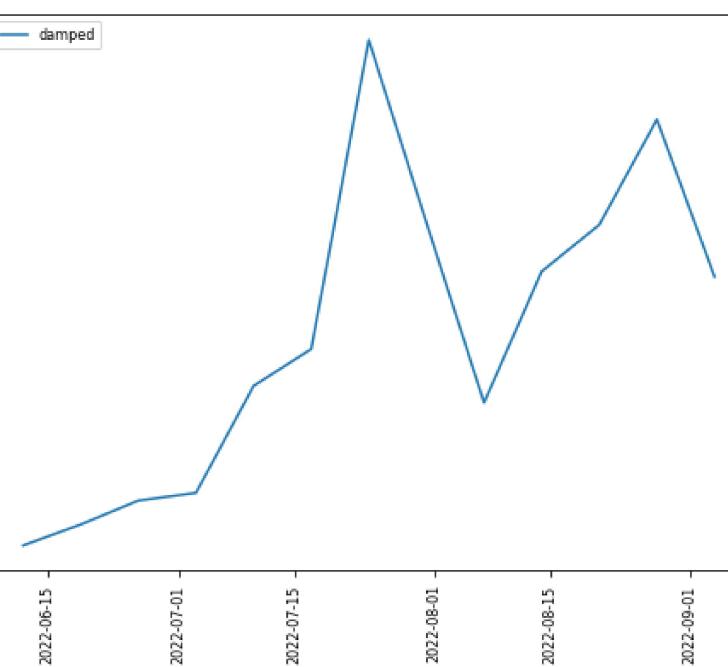
21dBOLD 21dMA-TP 21dBOLU

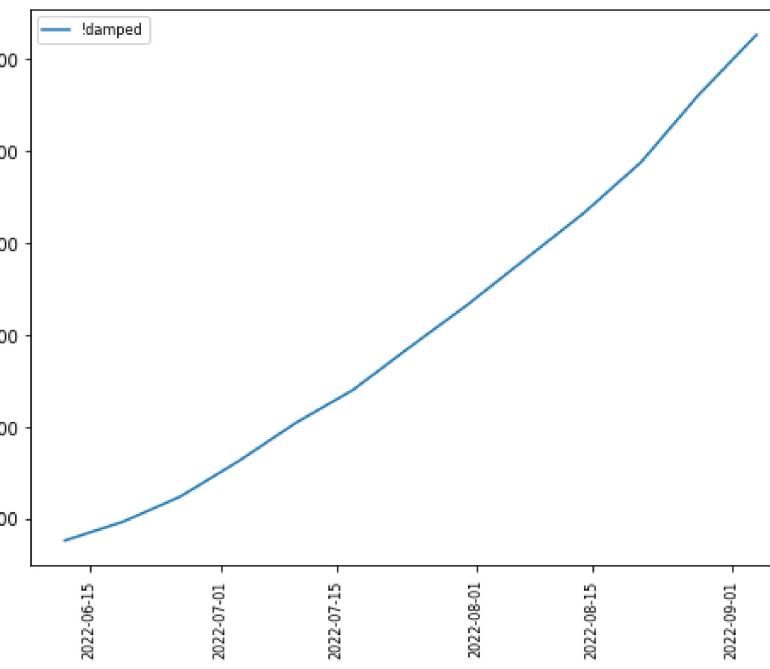
2022-06-10 330.411387 350.71381 371.016232

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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VGT	1.13554	337.339996	13900429.727685	0.3501	0.739205	0.427823
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ets next 13 weeks



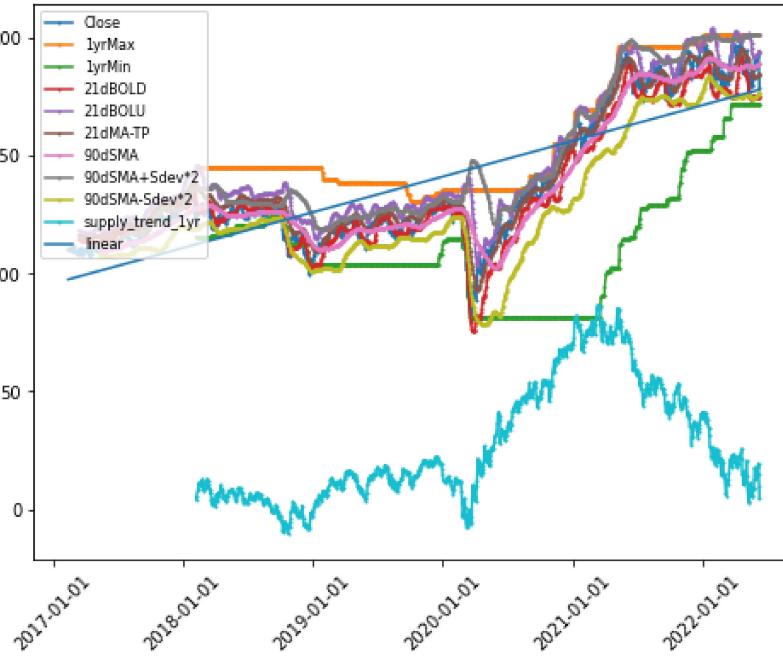


```
2
['options', ('2022-06-17', '2022-08-19')]
```

VAW

Sector: Materials ETF

supply trend: 2531724.1301059



totalAssets

VAW 5.085875e+09

2022-06-10

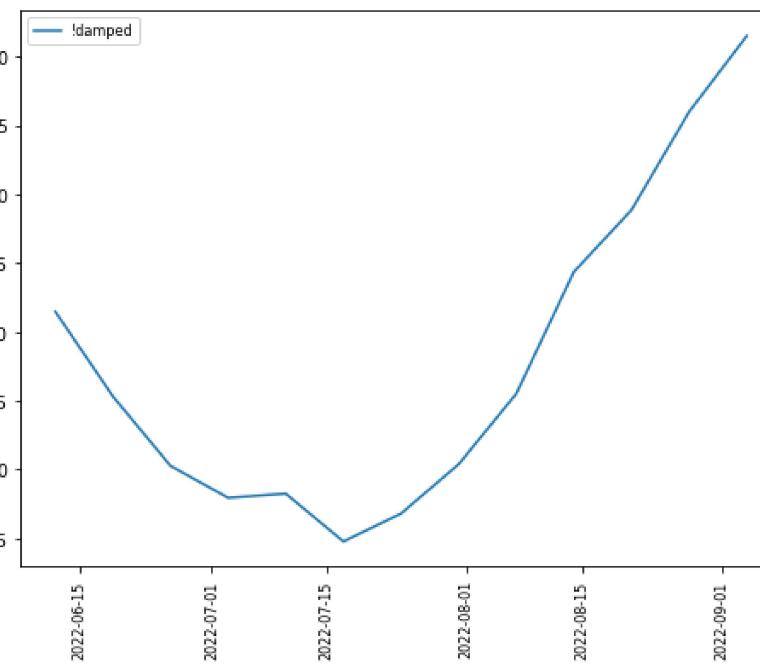
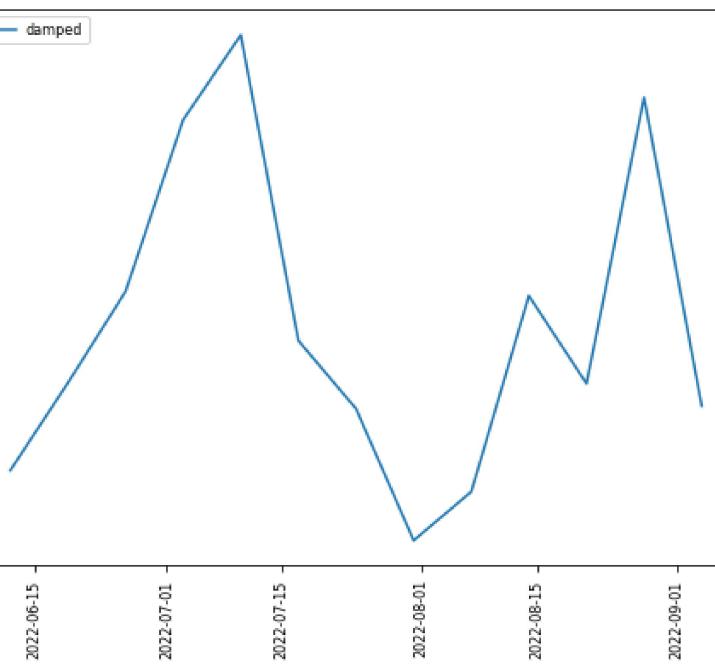
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 175.041332 184.631904 194.222476

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
--	---------------	----------	-------------	---------	-----	-------

VAW	1.136419	178.449997	2531724.130106	0.735836	0.8001	0.433204
-----	----------	------------	----------------	----------	--------	----------

ets next 13 weeks



```
1
['options', ('2022-08-19',)]
VNQ
Sector: Real Estate ETF
supply trend: 111305975.03782149
```



totalAssets

VNQ 7.839537e+10

2022-06-10

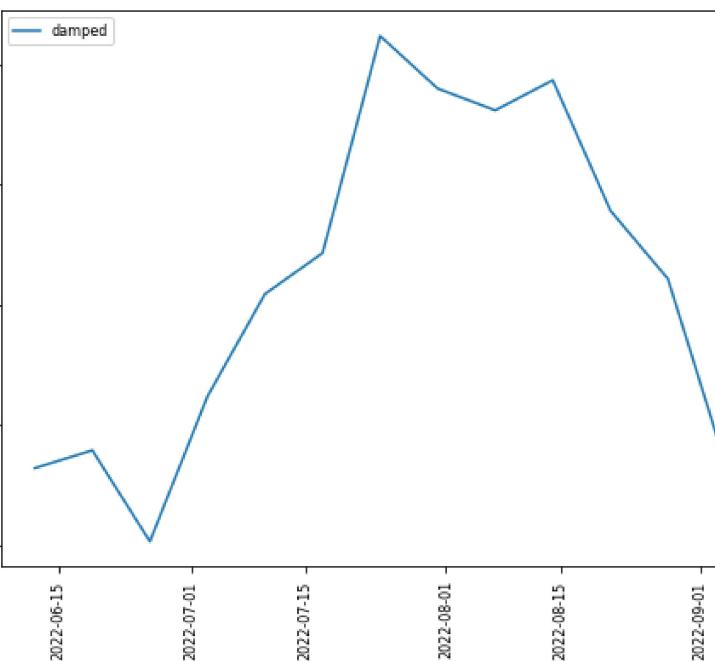
21dBOLD 21dMA-TP 21dBOLU

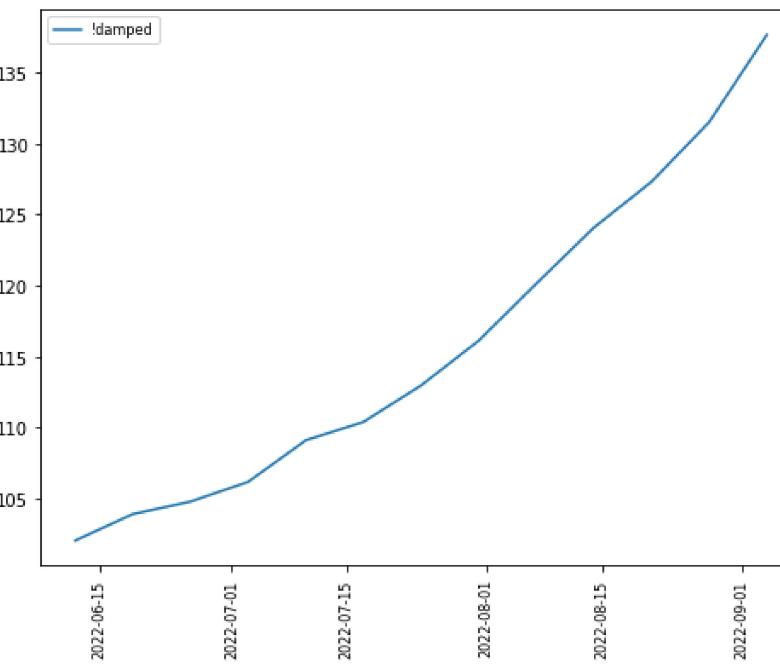
2022-06-10 93.076579 96.729683 100.382786

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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VNQ	1.031909	92.620003	111305975.037821	0.416	0.514654	0.397188
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ets next 13 weeks



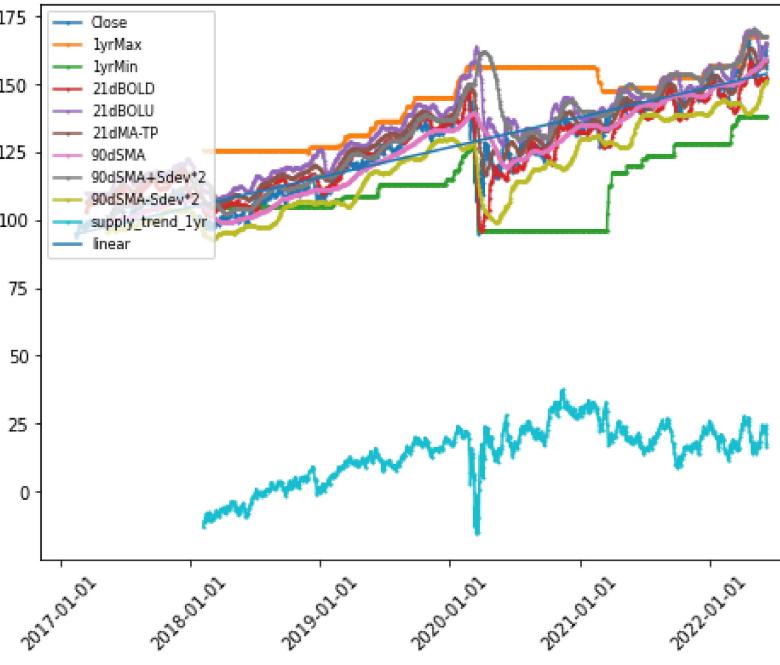


3
['options', ('2022-06-17', '2023-01-20', '2024-01-19')]

VPU

Sector: Utilities ETF

supply trend: 4401008.169440242



totalAssets

VPU 7.799146e+09

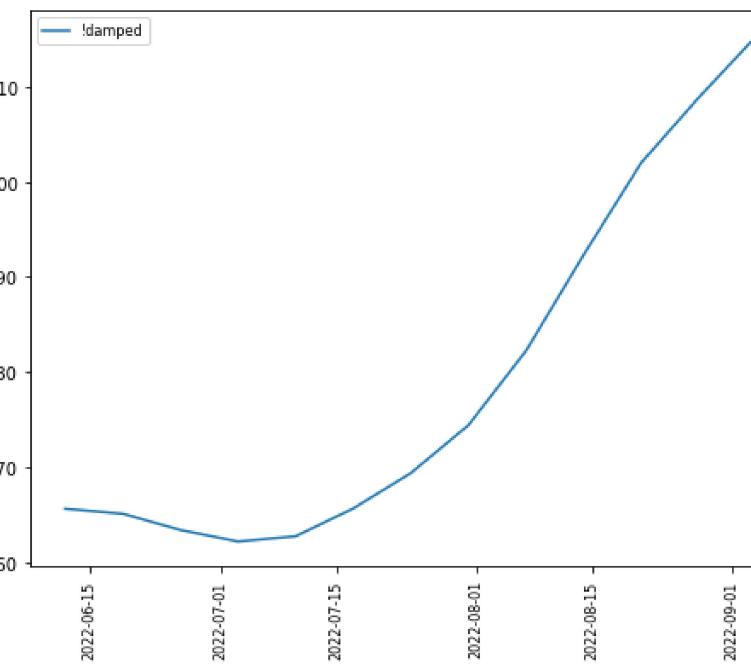
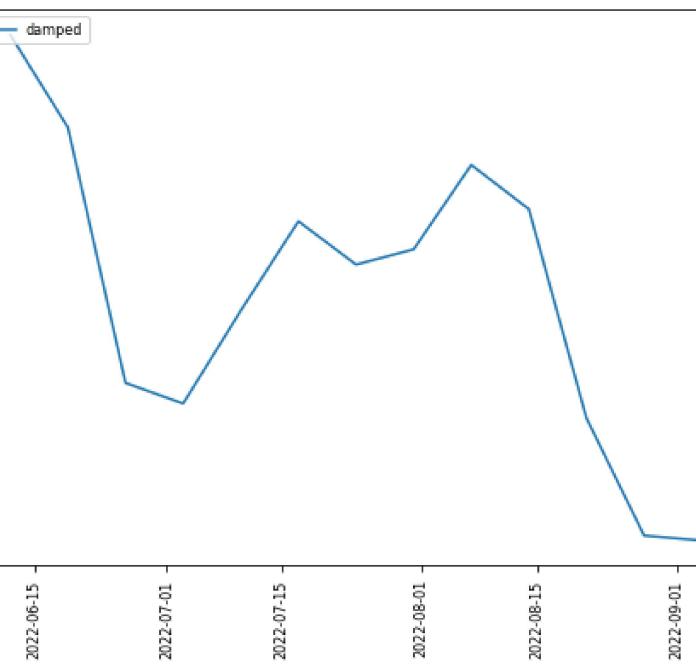
2022-06-10

21dBOLD **21dMA-TP** **21dBOLU**

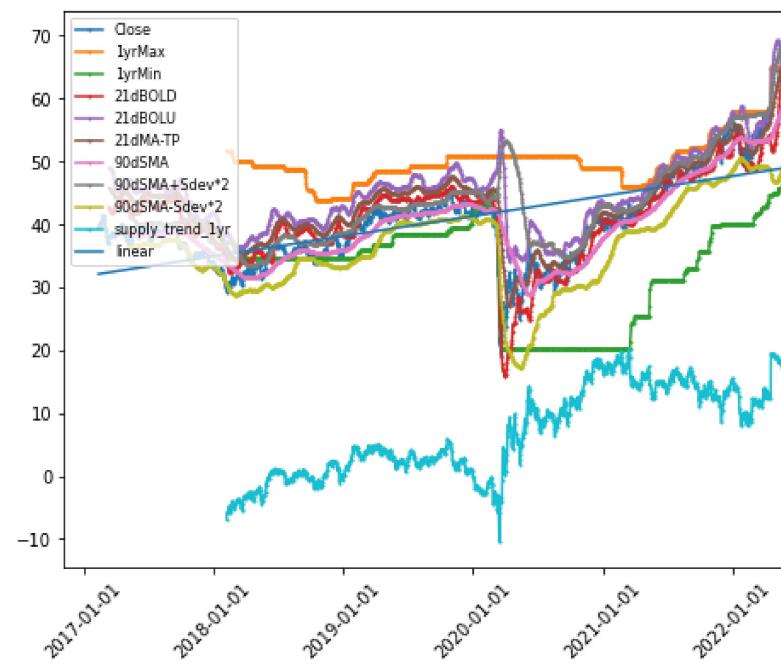
2022-06-10 152.644005 158.881905 165.119806

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
VPU	1.073413	155.610001	4401008.16944	0.750053	0.731044	0.299247

ets next 13 weeks



```
1
['options', ('2022-06-17',)]
ACC
Index: SP400
Sector: error
supply trend: 20837020.877458397
```



ACC

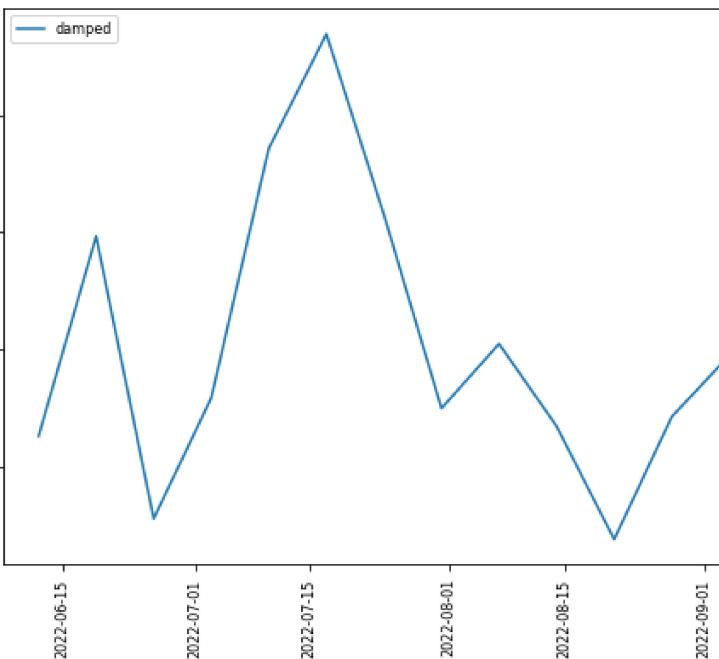
2022-06-10

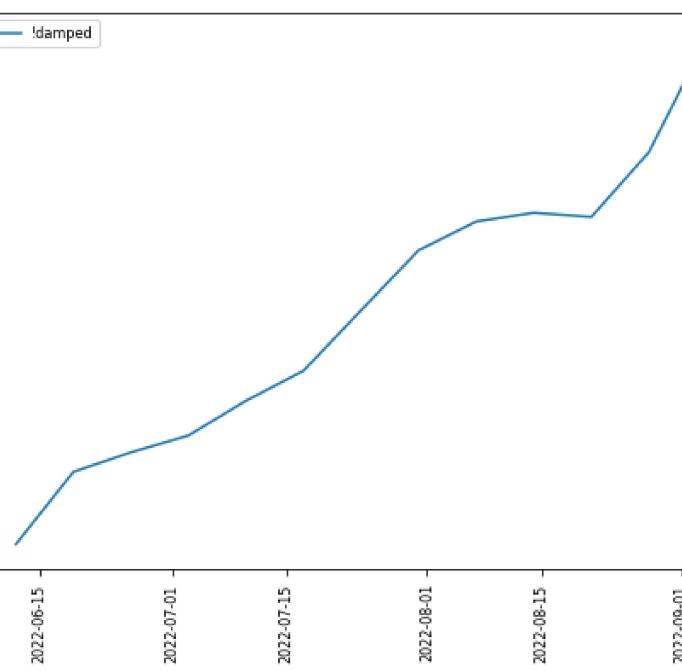
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 64.467277 64.776825 65.086373

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
ACC	2.984429	64.769997	20837020.877458	0.986823	0.981927	0.416828

ets next 13 weeks





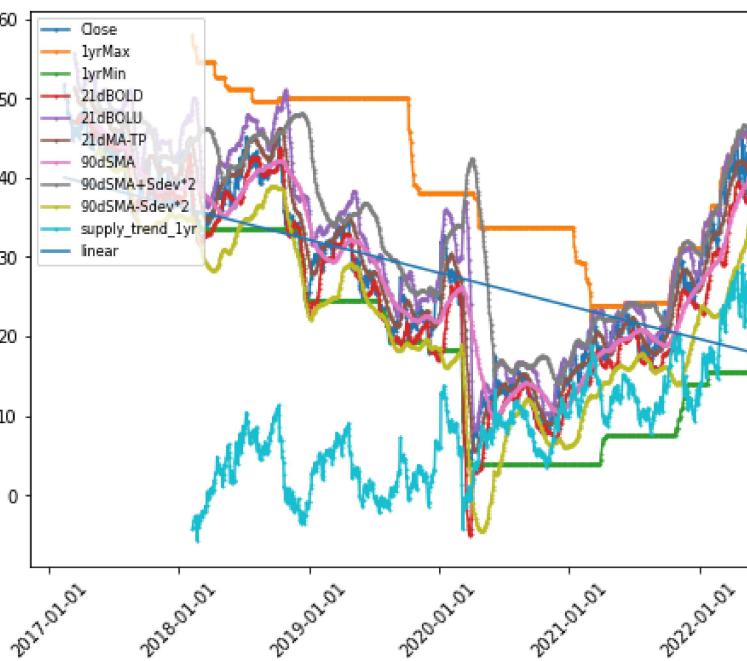
```
1
['options', ('2022-06-17',)]
```

APA

Index: SP500

Sector: Energy

supply trend: 154170566.9440242



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
APA	4.125226	1.227	704.108	0.5	0.0098	4.324	4982000128	0.56569	5.04757	2424875008	...	0.405	24.063	Energy	338232000	1	234000000	0.692	5999000064	8807000064	7.255835

1 rows x 34 columns

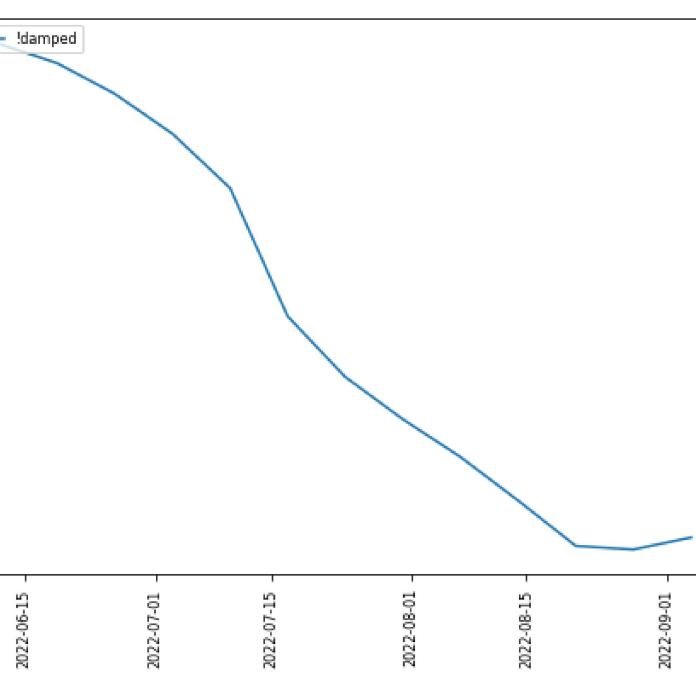
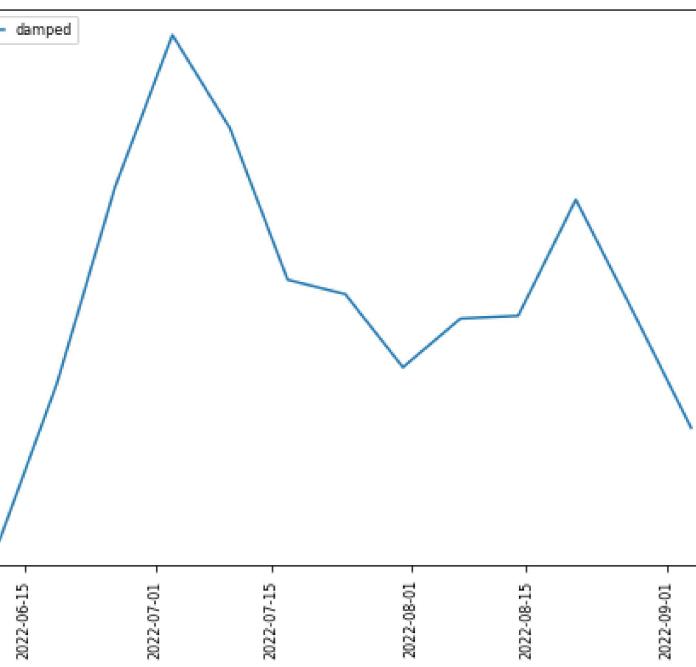
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 37.987556 45.39127 52.794983

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
APA	1.279846	48.810001	154170566.944024	0.929438	0.443494	0.44772

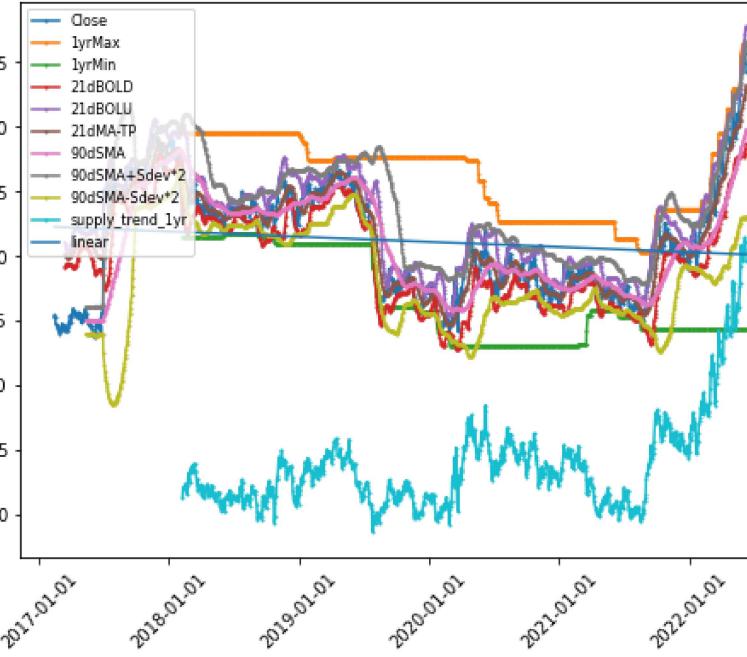
ets next 13 weeks



```

3
['options', ('2022-07-15', '2023-01-20', '2024-01-19')]
27
['sustainability',                                     Value
2021-3
palmOil                           False
controversialWeapons              False
gambling                          False
socialScore                        8.88
nuclear                            False
furLeather                         False
alcoholic                           False
gmo                                 False
catholic                            False
socialPercentile                  None
peerCount                           71
governanceScore                   7.96
environmentPercentile             None
animalTesting                      False
tobacco                             False
totalEsg                            38.81
highestControversy                 2
esgPerformance                     OUT_PERF
coal                                False
pesticides                           False
adult                               False
percentile                          82.83
peerGroup                           Oil & Gas Producers
smallArms                           False
environmentScore                   21.98
governancePercentile               None
militaryContract                   False]
CTRA
Index: SP500
Sector: Energy
supply trend: 150668871.709531

```



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
CTRA	-0.189215	1.751	29.377	0.6	0.0201	2.487	2364999936	0.64441	9.610645	1148249984	...	4.191	7.296	Energy	813577984	3.2	1036000000	1.273	3463000064	3670000128	39.032993

1 rows × 35 columns

2022-06-10

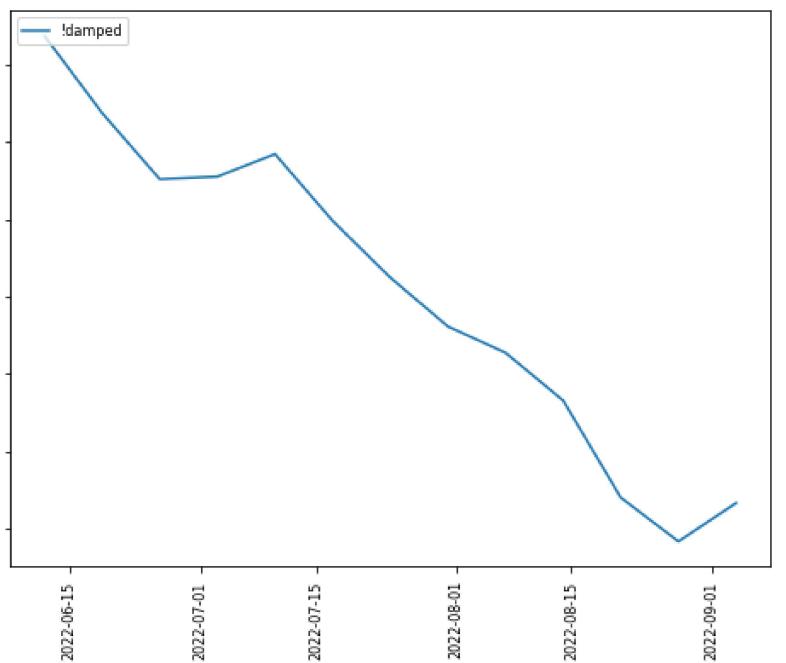
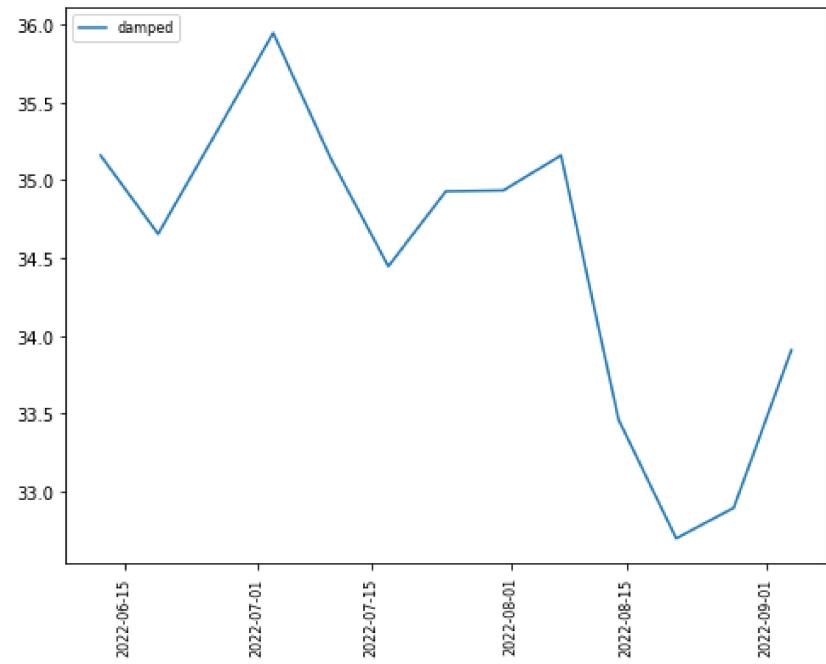
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 28.660914 33.218095 37.775277

volume_factor latest_p vol_30d_2yr pct_2yr adf hurst

CTRA 1.337181 34.310001 150668871.709531 0.899416 0.507048 0.467954

ets next 13 weeks



23

	2021-12-31	2021-09-30	2021-06-30	\
['quarterly_balance_sheet',				
Capital Surplus	1.091100e+10	1.823373e+09	1.815770e+09	
Total Liab	8.112000e+09	2.404585e+09	2.310672e+09	
Total Stockholder Equity	1.173800e+10	2.326112e+09	2.299895e+09	
Deferred Long Term Liab	5.000000e+06	5.329000e+06	5.844000e+06	
Other Current Liab	1.880000e+08	2.128940e+08	7.719900e+07	
Total Assets	1.990000e+10	4.730697e+09	4.610567e+09	
Common Stock	8.900000e+07	4.786200e+07	4.786200e+07	
Other Current Assets	2.400000e+07	1.323500e+07	1.540000e+07	
Retained Earnings	2.563000e+09	2.276071e+09	2.257320e+09	
Other Liab	3.512000e+09	9.650310e+08	9.577370e+08	
Treasury Stock	-1.825000e+09	-1.821194e+09	-1.821057e+09	
Other Assets	7.200000e+07	3.109900e+07	3.170800e+07	
Cash	1.036000e+09	7.627000e+07	1.581470e+08	
Total Current Liabilities	1.220000e+09	4.660100e+08	3.786840e+08	
Other Stockholder Equity	1.000000e+06	2.007000e+06	2.144000e+06	
Property Plant Equipment	1.769200e+10	4.256875e+09	4.182793e+09	
Total Current Assets	2.136000e+09	4.427230e+08	3.960660e+08	
Net Tangible Assets	1.173800e+10	2.326112e+09	2.299895e+09	
Net Receivables	1.037000e+09	3.404370e+08	2.051240e+08	
Long Term Debt	3.125000e+09	9.465090e+08	9.463160e+08	
Inventory	3.900000e+07	1.278100e+07	1.739500e+07	
Accounts Payable	7.470000e+08	2.271920e+08	1.662560e+08	
Short Long Term Debt	NaN	NaN	1.000000e+08	

	2021-03-31
Capital Surplus	1.808232e+09
Total Liab	2.244882e+09
Total Stockholder Equity	2.305970e+09
Deferred Long Term Liab	6.360000e+06
Other Current Liab	1.989500e+07
Total Assets	4.550852e+09
Common Stock	4.783800e+07
Other Current Assets	2.198400e+07
Retained Earnings	2.270819e+09
Other Liab	9.549700e+08
Treasury Stock	-1.820919e+09
Other Assets	3.078400e+07
Cash	1.736590e+08
Total Current Liabilities	3.150920e+08
Other Stockholder Equity	2.282000e+06
Property Plant Equipment	4.108153e+09
Total Current Assets	4.119150e+08
Net Tangible Assets	2.305970e+09
Net Receivables	2.004020e+08
Long Term Debt	9.461230e+08
Inventory	1.587000e+07
Accounts Payable	1.691010e+08
Short Long Term Debt	1.000000e+08

16

	2021-12-31	2021-09-30	\
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['quarterly_cashflow',			
Change To Liabilities	-17390000.0	76262000.0	
Total Cashflows From Investing Activities	771721000.0	-183894000.0	
Net Borrowings	-2000000.0	-100000000.0	
Total Cash From Financing Activities	-764618000.0	-143963000.0	
Change To Operating Activities	17176000.0	-9218000.0	
Net Income	938468000.0	62714000.0	
Change In Cash	959440000.0	-82663000.0	
Repurchase Of Stock	-108431000.0	-108431000.0	
Total Cash From Operating Activities	952337000.0	245194000.0	
Depreciation	410014000.0	97289000.0	
Dividends Paid	-652187000.0	-43963000.0	
Change To Inventory	2511000.0	4614000.0	
Change To Account Receivables	-159015000.0	-102009000.0	
Other Cashflows From Financing Activities	-2000000.0	-2000000.0	
Change To Netincome	-320852000.0	148138000.0	
Capital Expenditures	-268960000.0	-184101000.0	

	2021-06-30	2021-03-31
--	------------	------------

Change To Liabilities	-15297000.0	3425000.0
Total Cashflows From Investing Activities	-151302000.0	-123525000.0
Net Borrowings	-100000000.0	-88000000.0
Total Cash From Financing Activities	-43963000.0	-133456000.0
Change To Operating Activities	4956000.0	-13914000.0
Net Income	30464000.0	126354000.0

Change In Cash	-16323000.0	33546000.0
Repurchase Of Stock	-108431000.0	-5569000.0
Total Cash From Operating Activities	178942000.0	290527000.0
Depreciation	91549000.0	94148000.0
Dividends Paid	-43963000.0	-39887000.0
Change To Inventory	-1525000.0	-600000.0
Change To Account Receivables	15143000.0	16881000.0
Other Cashflows From Financing Activities	-2000000.0	-2000000.0
Change To Netincome	92703000.0	40011000.0
Capital Expenditures	-151322000.0	-123617000.0

4

['quarterly_earnings', Revenue Earnings]

Quarter

1Q2021	472918000	126354000
2Q2021	411788000	30464000
3Q2021	641678000	62714000
4Q2021	2143616000	938468000

22

['quarterly_financials', 2021-12-31 2021-09-30 \]

Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	1214465000.0	83216000.0
Minority Interest	None	None
Net Income	938468000.0	62714000.0
Selling General Administrative	95410000.0	24998000.0
Gross Profit	1797984000.0	471530000.0
Ebit	1298389000.0	135756000.0
Operating Income	1298389000.0	135756000.0
Other Operating Expenses	-14836000.0	209489000.0
Interest Expense	-24488000.0	-12577000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	275997000.0	20502000.0
Total Revenue	2143616000.0	641678000.0
Total Operating Expenses	845227000.0	505922000.0
Cost Of Revenue	345632000.0	170148000.0
Total Other Income Expense Net	-83924000.0	-52540000.0
Discontinued Operations	None	None
Net Income From Continuing Ops	938468000.0	62714000.0
Net Income Applicable To Common Shares	935468000.0	62714000.0

2021-06-30 2021-03-31

Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	41304000.0	163015000.0
Minority Interest	None	None
Net Income	30464000.0	126354000.0
Selling General Administrative	16837000.0	26755000.0
Gross Profit	262146000.0	319340000.0
Ebit	60088000.0	177767000.0
Operating Income	60088000.0	177767000.0
Other Operating Expenses	91304000.0	18043000.0
Interest Expense	-12558000.0	-12377000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	10840000.0	36661000.0
Total Revenue	411788000.0	472918000.0
Total Operating Expenses	351700000.0	295151000.0
Cost Of Revenue	149642000.0	153578000.0
Total Other Income Expense Net	-18784000.0	-14752000.0
Discontinued Operations	None	None
Net Income From Continuing Ops	30464000.0	126354000.0
Net Income Applicable To Common Shares	30464000.0	126354000.0

10

['mutualfund_holders', Holder Shares Date Reported \]

0	Select Sector SPDR Fund-Energy Select	23925372	2022-01-30
1	Vanguard Total Stock Market Index Fund	23123140	2021-12-30
2	Vanguard Small-Cap Index Fund	20493160	2021-12-30
3	Vanguard 500 Index Fund	17229139	2021-12-30
4	Washington Mutual Investors Fund	16985001	2022-01-30
5	Vanguard Fenway Funds-Equity Income Fund	16267453	2021-12-30
6	Income Fund of America Inc	13333912	2022-01-30
7	Vanguard Small-Cap Growth Index Fund	12758989	2021-12-30
8	Victory Portfolios-Sycamore Established Value ...	12049383	2022-01-30

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% Out      Value
0 0.0297  523965646
1 0.0287  439339660
2 0.0254  389370040
3 0.0214  327353641
4 0.0211  371971521
5 0.0202  309081607
6 0.0165  292012672
7 0.0158  242420791
8 0.0150  263881487
9 0.0141  215795483 ]
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4

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['options', ('2022-07-15', '2022-09-16', '2023-01-20', '2024-01-19')]
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27

'sustainability'	Value
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palmOil	False
controversialWeapons	False
gambling	False
socialScore	14.01
nuclear	False
furLeather	False
alcoholic	False
gmo	False
catholic	False
socialPercentile	0
peerCount	66
governanceScore	9.28
environmentPercentile	0
animalTesting	False
tobacco	False
totalEsg	46.68
highestControversy	2
esgPerformance	None
coal	False
pesticides	False
adult	False
percentile	95.93
peerGroup	Oil & Gas Producers
smallArms	False
environmentScore	23.39
governancePercentile	0
militaryContract	False]

CVX

Index: SP500

Sector: Energy

supply trend: 181490743.72163388



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
CVX	1.078947	1.433	19.941	5.68	0.0315	3.473	38521999360	0.21783	12.431709	21073375232	...	0.683	92.025	Energy	1964809984	2.03	1170400512	5.957	29333000192	176843997184	17.0187

1 rows x 35 columns

2022-06-10

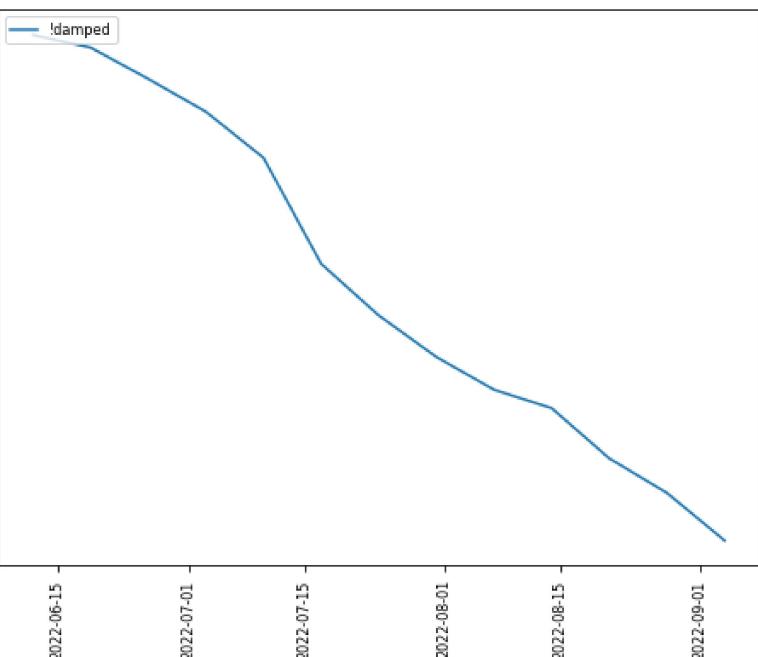
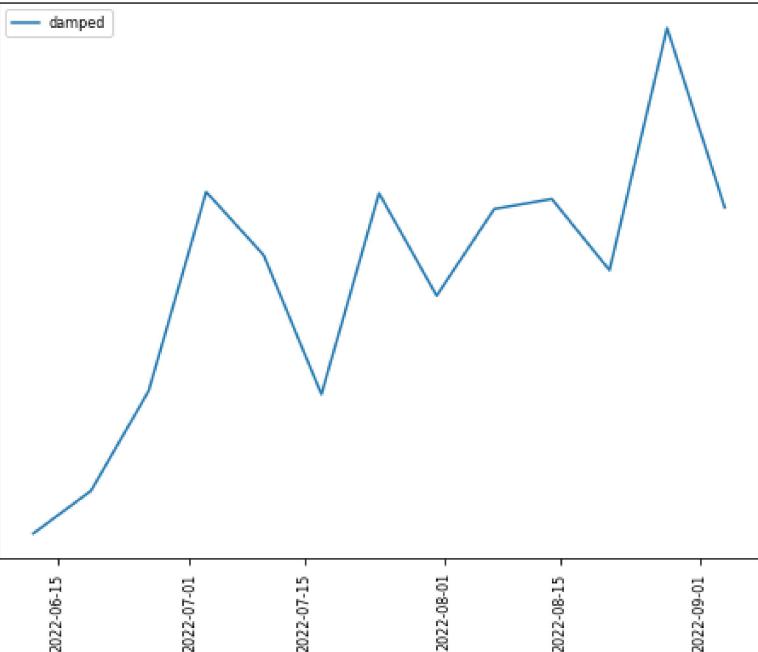
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 164.142905 173.680233 183.21756

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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CVX	1.209596	175.399994	181490743.721634	0.940293	0.97985	0.498334
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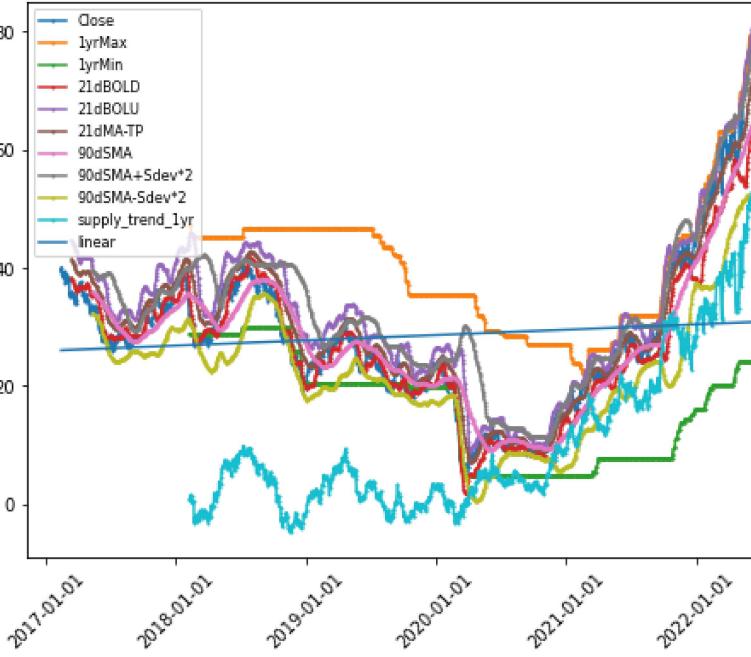
ets next 13 weeks



```

3
['options', ('2022-06-17', '2023-01-20', '2024-01-19')]
27
['sustainability'],
2022-5
palmOil False
controversialWeapons False
gambling False
socialScore 10.63
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile None
peerCount 66
governanceScore 9.95
environmentPercentile None
animalTesting True
tobacco False
totalEsg 43
highestControversy 3
esgPerformance LEAD_PERF
coal False
pesticides False
adult False
percentile 92.22
peerGroup Oil & Gas Producers
smallArms False
environmentScore 22.42
governancePercentile None
militaryContract False]
DVN
Index: SP500
Sector: Energy
supply trend: 181231964.52344933

```



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	ebitda	ebitdaMargins	forwardPE	freeCashflow	grossMargins	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
DVN	2.784803	1.376	71.922	5.08	0.0739	5506999808	0.41984	14.160611	2805625088	0.56522	...	2.003	19.784	Energy	677000000	1.7	2099000064	3.16	6760000000	13116999680	36.77259

1 rows x 34 columns

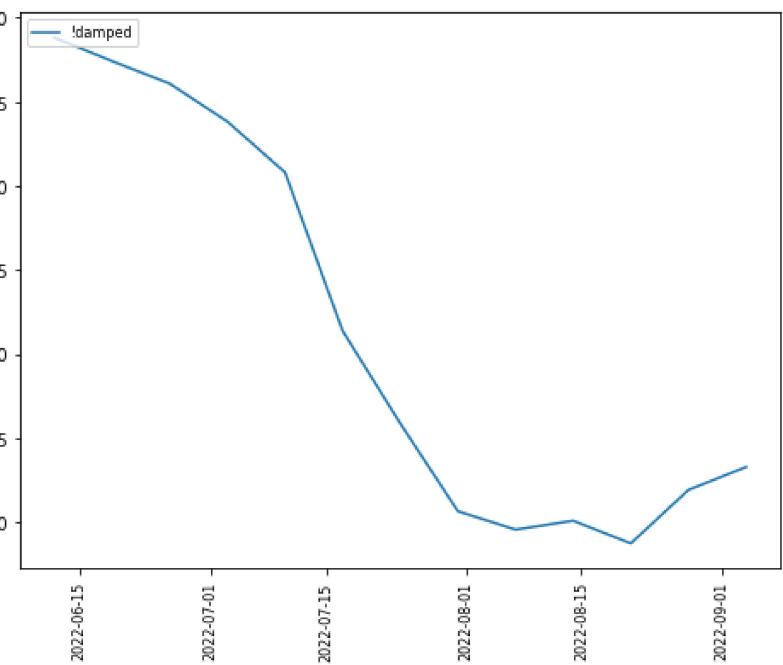
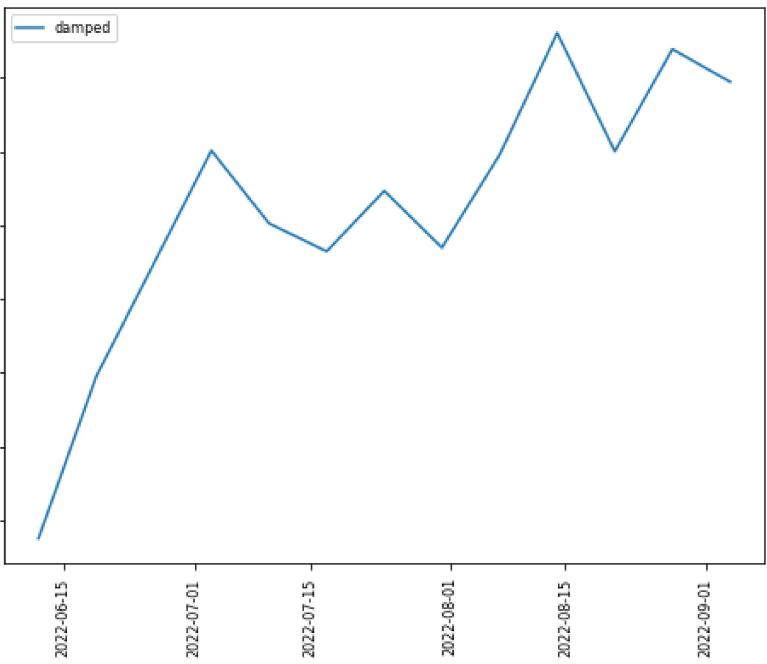
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 65.748411 73.181587 80.614763

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
DVN	1.304951	74.059998	181231964.523449	0.925492	0.994381	0.555599

ets next 13 weeks



25
['quarterly_balance_sheet',
Capital Surplus 7.636000e+09 8.206000e+09 8.189000e+09
Total Liab 1.162600e+10 1.199600e+10 1.153000e+10
Total Stockholder Equity 9.262000e+09 8.924000e+09 8.399000e+09
Minority Interest 1.370000e+08 1.370000e+08 1.360000e+08
Other Current Liab 2.545000e+09 2.940000e+09 2.554000e+09
Total Assets 2.102500e+10 2.105700e+10 2.006500e+10
Common Stock 6.600000e+07 6.800000e+07 6.800000e+07
Other Current Assets 5.240000e+08 4.860000e+08 5.030000e+08
Retained Earnings 1.692000e+09 7.500000e+08 2.430000e+08
Other Liab 1.805000e+09 1.743000e+09 1.698000e+09
Good Will 7.530000e+08 7.530000e+08 7.530000e+08
Treasury Stock -1.320000e+08 -1.000000e+08 -1.010000e+08
Other Assets 3.780000e+08 3.670000e+08 3.970000e+08
Cash 2.099000e+09 2.144000e+09 1.348000e+09
Total Current Liabilities 3.087000e+09 3.505000e+09 3.072000e+09
Deferred Long Term Asset Charges 7.000000e+06 NaN NaN
Other Stockholder Equity -1.320000e+08 -1.000000e+08 -1.010000e+08
Property Plant Equipment 1.524300e+10 1.532200e+10 1.544100e+10
Total Current Assets 4.249000e+09 4.227000e+09 3.076000e+09
Long Term Investments 4.020000e+08 3.880000e+08 3.980000e+08
Net Tangible Assets 8.509000e+09 8.171000e+09 7.646000e+09
Net Receivables 1.626000e+09 1.597000e+09 1.225000e+09
Long Term Debt 6.482000e+09 6.492000e+09 6.502000e+09
Accounts Payable 5.000000e+08 5.370000e+08 4.870000e+08
Short Long Term Debt NaN NaN NaN

2021-03-31

Capital Surplus 8.172000e+09
Total Liab 1.197100e+10
Total Stockholder Equity 8.353000e+09
Minority Interest 1.330000e+08
Other Current Liab 2.124000e+09
Total Assets 2.045700e+10
Common Stock 6.700000e+07
Other Current Assets 5.290000e+08
Retained Earnings 2.180000e+08
Other Liab 1.724000e+09
Good Will 7.530000e+08
Treasury Stock -1.040000e+08
Other Assets 3.060000e+08
Cash 1.683000e+09
Total Current Liabilities 2.945000e+09
Deferred Long Term Asset Charges NaN
Other Stockholder Equity -1.040000e+08
Property Plant Equipment 1.552900e+10
Total Current Assets 3.467000e+09
Long Term Investments 4.020000e+08
Net Tangible Assets 7.600000e+09
Net Receivables 1.255000e+09
Long Term Debt 7.042000e+09
Accounts Payable 5.640000e+08
Short Long Term Debt 2.260000e+08]

17

['quarterly_cashflow',
Investments -1.700000e+07 9.000000e+06
Change To Liabilities -1.800000e+07 4.690000e+08
Total Cashflows From Investing Activities -5.180000e+08 -4.740000e+08
Total Cash From Financing Activities -1.149000e+09 -3.370000e+08
Change To Operating Activities -2.200000e+07 -2.900000e+07
Net Income 1.506000e+09 8.380000e+08
Change In Cash -5.000000e+07 7.820000e+08
Repurchase Of Stock -5.890000e+08 -3.000000e+06
Effect Of Exchange Rate 1.000000e+06 -5.000000e+06
Total Cash From Operating Activities 1.616000e+09 1.598000e+09
Depreciation 5.850000e+08 5.790000e+08
Dividends Paid -7.300000e+07 -7.400000e+07
Change To Account Receivables -3.100000e+07 -3.320000e+08
Other Cashflows From Financing Activities -6.000000e+06 -5.000000e+06
Change To Netincome -4.010000e+08 1.130000e+08
Capital Expenditures -5.150000e+08 -4.840000e+08
Net Borrowings NaN NaN

2021-06-30 2021-03-31

Investments 8.000000e+06 1000000.0

Change To Liabilities	7.200000e+07	16000000.0
Total Cashflows From Investing Activities	-4.520000e+08	-130000000.0
Total Cash From Financing Activities	-9.820000e+08	-824000000.0
Change To Operating Activities	-7.600000e+07	-95000000.0
Net Income	2.560000e+08	213000000.0
Change In Cash	-3.390000e+08	-359000000.0
Repurchase Of Stock	-9.000000e+06	-33000000.0
Effect Of Exchange Rate	2.000000e+06	3000000.0
Total Cash From Operating Activities	1.093000e+09	592000000.0
Depreciation	5.360000e+08	481000000.0
Dividends Paid	-7.500000e+07	-128000000.0
Change To Account Receivables	-1.000000e+08	-63000000.0
Other Cashflows From Financing Activities	-2.000000e+06	-28000000.0
Change To Netincome	2.840000e+08	25000000.0
Capital Expenditures	-5.090000e+08	-499000000.0
Net Borrowings	-7.420000e+08	-560000000.0

4
['quarterly_earnings', Revenue Earnings]

Quarter

1Q2021	2461000000	213000000
2Q2021	2977000000	256000000
3Q2021	3625000000	838000000
4Q2021	4054000000	1506000000

22

['quarterly_financials', 2021-12-31 2021-09-30 \]

	2021-12-31	2021-09-30
Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	1662000000.0	964000000.0
Minority Interest	137000000.0	137000000.0
Net Income	1506000000.0	838000000.0
Selling General Administrative	95000000.0	95000000.0
Gross Profit	2380000000.0	2088000000.0
Ebit	1727000000.0	1068000000.0
Operating Income	1727000000.0	1068000000.0
Other Operating Expenses	-24000000.0	344000000.0
Interest Expense	-92000000.0	-93000000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	150000000.0	120000000.0
Total Revenue	4054000000.0	3625000000.0
Total Operating Expenses	2327000000.0	2557000000.0
Cost Of Revenue	1674000000.0	1537000000.0
Total Other Income Expense Net	-65000000.0	-104000000.0
Discontinued Operations	None	None
Net Income From Continuing Ops	1512000000.0	844000000.0
Net Income Applicable To Common Shares	1487000000.0	832000000.0

2021-06-30 2021-03-31

Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	304000000.0	-32000000.0
Minority Interest	136000000.0	133000000.0
Net Income	256000000.0	213000000.0
Selling General Administrative	94000000.0	107000000.0
Gross Profit	1655000000.0	1291000000.0
Ebit	320000000.0	202000000.0
Operating Income	320000000.0	202000000.0
Other Operating Expenses	702000000.0	512000000.0
Interest Expense	-98000000.0	-105000000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	43000000.0	-248000000.0
Total Revenue	2977000000.0	2461000000.0
Total Operating Expenses	2657000000.0	2259000000.0
Cost Of Revenue	1322000000.0	1170000000.0
Total Other Income Expense Net	-16000000.0	-234000000.0
Discontinued Operations	None	None
Net Income From Continuing Ops	261000000.0	216000000.0
Net Income Applicable To Common Shares	253000000.0	211000000.0

10

['mutualfund_holders', Holder Shares Date Reported \]

0 Vanguard Total Stock Market Index Fund	19232335	2021-12-30
1 Select Sector SPDR Fund-Energy Select	18515332	2022-01-30
2 Vanguard Mid-Cap Index Fund	15295295	2021-12-30

```
3 Vanguard 500 Index Fund 13333264 2021-12-30
4 Undiscovered Managers Behavioral Value Fund 7254904 2021-12-30
5 SPDR S&P 500 ETF Trust 6678214 2022-01-30
6 Fidelity 500 Index Fund 6447707 2022-02-27
7 iShares Core S&P 500 ETF 5236340 2022-01-30
8 Vanguard Index-Value Index Fund 5169015 2021-12-30
9 Victory Portfolios-Sycamore Established Value ... 5050000 2022-01-30
```

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% Out      Value
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3 0.0202  587330279
4 0.0110  319578521
5 0.0101  337717281
6 0.0098  383960951
7 0.0079  264801713
8 0.0078  227695110
9 0.0077  255378500 ]
```

```
3
['options', ('2022-07-15', '2023-01-20', '2024-01-19')]
27
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['sustainability',           Value
2022-5
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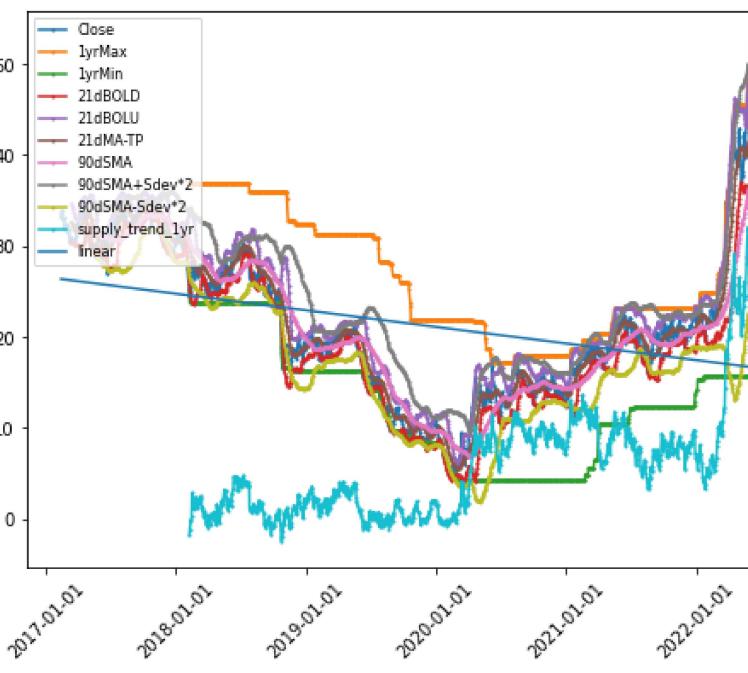
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palmOil          False
controversialWeapons  False
gambling         False
socialScore      8.78
nuclear          False
furLeather       False
alcoholic        False
gmo              False
catholic         False
socialPercentile 0
peerCount        66
governanceScore  7.86
environmentPercentile 0
animalTesting    False
tobacco          False
totalEsg         34.39
highestControversy 2
esgPerformance  LEAD_PERF
coal             False
pesticides       False
adult            False
percentile       76.03
peerGroup        Oil & Gas Producers
smallArms        False
environmentScore 17.75
governancePercentile 0
militaryContract False]
```

```
EQT
```

```
Index: SP400
```

```
Sector: Energy
```

```
supply trend: 137472571.69969743
```



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	ebitda	ebitdaMargins	forwardPE	freeCashflow	grossMargins	...	returnOnEquity	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue
EQT	1.156862	0.398	61.543	0.5	0.0133	-1089323008	-0.13465	21.603603	2408109568	0.734	...	-0.3018	1.206	23.313	Energy	377955008	2	16913000	0.046	5050277888	8089885184

1 rows × 32 columns

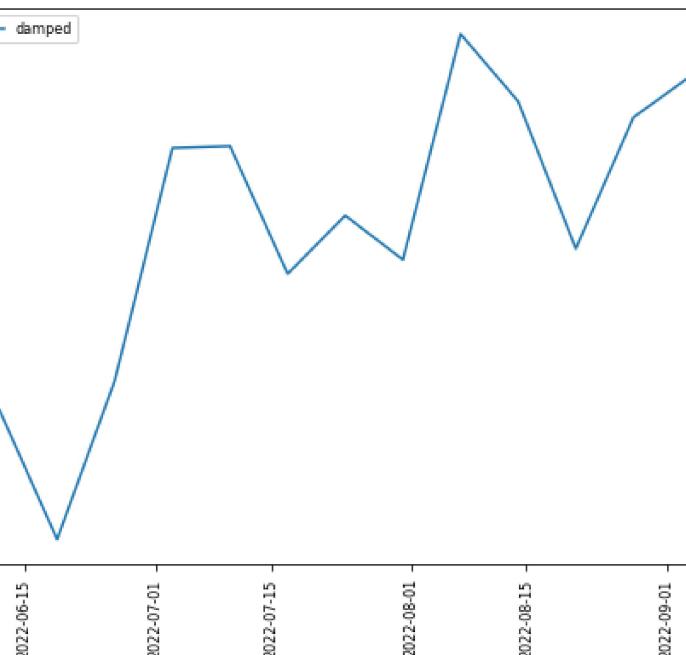
2022-06-10

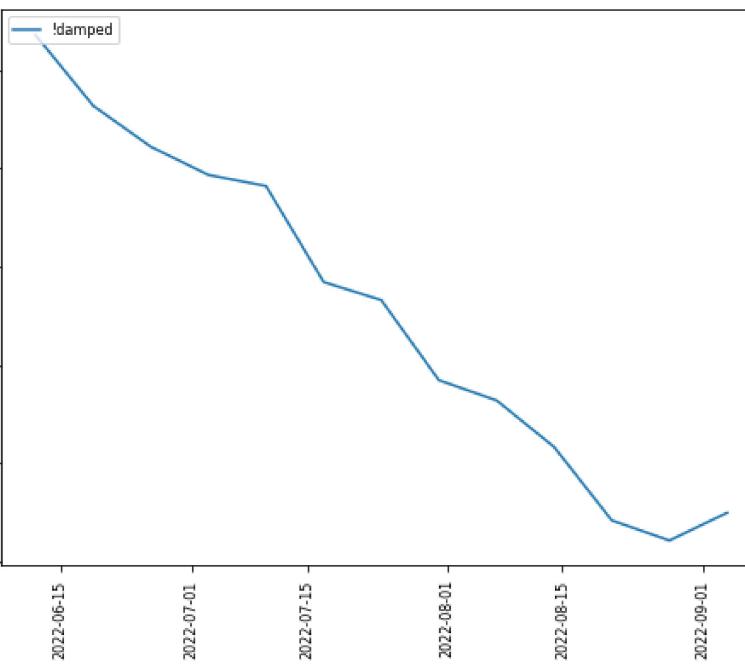
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 37.159954 45.132857 53.10576

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
EQT	1.217357	47.959999	137472571.699697	0.938581	0.932879	0.501911

ets next 13 weeks





21
['quarterly_balance_sheet', 2022-03-31 2021-12-31 2021-09-30 \\

Total Liab	1.360858e+10	1.156162e+10	1.475200e+10
Total Stockholder Equity	8.188673e+09	1.002953e+10	8.248460e+09
Minority Interest	1.736000e+07	1.623600e+07	1.126500e+07
Other Current Liab	5.695198e+09	2.471048e+09	6.032718e+09
Total Assets	2.181461e+10	2.160739e+10	2.301172e+10
Common Stock	9.921348e+09	1.016796e+10	1.018065e+10
Other Current Assets	1.304109e+09	6.911100e+08	1.428073e+09
Retained Earnings	-1.725279e+09	-1.157790e+08	-1.908833e+09
Other Liab	1.446828e+09	1.926612e+09	1.346475e+09
Treasury Stock	-7.396000e+06	-2.265700e+07	-2.335900e+07
Other Assets	4.927920e+08	8.756020e+08	8.897110e+08
Cash	1.691300e+07	1.139630e+08	2.279200e+07
Total Current Liabilities	7.605287e+09	5.080171e+09	7.228353e+09
Short Long Term Debt	4.938150e+08	9.549000e+08	1.244100e+07
Other Stockholder Equity	-4.548000e+06	-4.611000e+06	-5.157000e+06
Property Plant Equipment	1.829589e+10	1.844502e+10	1.878111e+10
Total Current Assets	3.025930e+09	2.286766e+09	3.340899e+09
Net Tangible Assets	8.188673e+09	1.002953e+10	8.248460e+09
Net Receivables	1.212596e+09	1.438031e+09	1.132364e+09
Long Term Debt	4.556463e+09	4.530102e+09	6.177167e+09
Accounts Payable	1.416274e+09	1.339251e+09	1.183194e+09

2021-06-30

Total Liab	1.068284e+10
Total Stockholder Equity	8.291758e+09
Minority Interest	1.066400e+07
Other Current Liab	2.459368e+09
Total Assets	1.898526e+10
Common Stock	8.245752e+09
Other Current Assets	6.488550e+08
Retained Earnings	7.128400e+07
Other Liab	1.907015e+09
Treasury Stock	-2.527800e+07
Other Assets	9.975310e+08
Cash	3.307700e+08
Total Current Liabilities	3.679201e+09
Short Long Term Debt	3.996990e+08
Other Stockholder Equity	-5.194000e+06
Property Plant Equipment	1.581907e+10
Total Current Assets	2.168655e+09
Net Tangible Assets	8.291758e+09
Net Receivables	6.515680e+08
Long Term Debt	5.096619e+09
Accounts Payable	8.201340e+08]

18

['quarterly_cashflow', 2022-03-31 2021-12-31 \\

Change To Liabilities	5.286700e+07	1.804790e+08
Total Cashflows From Investing Activities	-2.911720e+08	-3.578840e+08
Net Borrowings	-5.441740e+08	-7.123310e+08
Total Cash From Financing Activities	-8.270970e+08	-7.218910e+08
Change To Operating Activities	-1.461280e+08	5.418350e+08
Issuance Of Stock	1.214000e+06	1.214000e+06
Net Income	-1.516048e+09	1.801333e+09
Change In Cash	-9.705000e+07	9.117100e+07
Repurchase Of Stock	-2.301390e+08	-1.296200e+07
Total Cash From Operating Activities	1.021219e+09	1.170946e+09
Depreciation	4.352770e+08	5.105630e+08
Other Cashflows From Investing Activities	-1.490000e+05	-2.778600e+07
Dividends Paid	-4.706300e+07	-4.706300e+07
Change To Account Receivables	2.259680e+08	-2.955500e+08
Other Cashflows From Financing Activities	-6.935000e+06	3.402000e+06
Change To Netincome	1.969283e+09	-1.570860e+09
Capital Expenditures	-2.922810e+08	-3.481900e+08
Investments	NaN	2.436900e+07

2021-09-30 2021-06-30

Change To Liabilities	1.653180e+08	-5541000.0
Total Cashflows From Investing Activities	-1.039960e+09	-426988000.0
Net Borrowings	6.856860e+08	698705000.0
Total Cash From Financing Activities	6.838740e+08	673609000.0
Change To Operating Activities	-2.052750e+08	-360908000.0
Issuance Of Stock	1.214000e+06	1214000.0
Net Income	-1.980117e+09	-936457000.0
Change In Cash	-3.079780e+08	290100000.0

Repurchase Of Stock	-1.122000e+06	-51000.0
Total Cash From Operating Activities	4.810800e+07	43479000.0
Depreciation	4.528740e+08	391417000.0
Other Cashflows From Investing Activities	8.465000e+06	1758000.0
Dividends Paid	-4.706300e+07	-47063000.0
Change To Account Receivables	-3.048780e+08	13335000.0
Other Cashflows From Financing Activities	-6.900000e+05	-25045000.0
Change To Netincome	1.923332e+09	941633000.0
Capital Expenditures	-2.366790e+08	-218982000.0
Investments	2.436900e+07	24369000.0

4

	Revenue	Earnings
Quarter		
2Q2021	1063417000	-936457000
3Q2021	1766717000	-1980117000
4Q2021	2792407000	1801333000
1Q2022	2467344000	-1516048000]

22

	2022-03-31	2021-12-31	\
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Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	-1980280000.0	2393634000.0
Minority Interest	17360000.0	16236000.0
Net Income	-1516048000.0	1801333000.0
Selling General Administrative	69096000.0	52343000.0
Gross Profit	1911411000.0	2213006000.0
Ebit	-1859484000.0	2753035000.0
Operating Income	-1859484000.0	2753035000.0
Other Operating Expenses	3278929000.0	-1069974000.0
Interest Expense	-67902000.0	-76469000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	-465697000.0	591080000.0
Total Revenue	2467344000.0	2792407000.0
Total Operating Expenses	4326828000.0	39372000.0
Cost Of Revenue	555933000.0	579401000.0
Total Other Income Expense Net	-120796000.0	-359401000.0
Discontinued Operations	None	None
Net Income From Continuing Ops	-1514583000.0	1802554000.0
Net Income Applicable To Common Shares	-1516048000.0	1801333000.0

	2021-09-30	2021-06-30
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Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	-2642431000.0	-1284365000.0
Minority Interest	11265000.0	10664000.0
Net Income	-1980117000.0	-936457000.0
Selling General Administrative	49113000.0	49853000.0
Gross Profit	1239679000.0	573854000.0
Ebit	-2568808000.0	-1208823000.0
Operating Income	-2568808000.0	-1208823000.0
Other Operating Expenses	3296003000.0	1350757000.0
Interest Expense	-80349000.0	-76986000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	-662915000.0	-347846000.0
Total Revenue	1766717000.0	1063417000.0
Total Operating Expenses	4335525000.0	2272240000.0
Cost Of Revenue	527038000.0	489563000.0
Total Other Income Expense Net	-73623000.0	-75542000.0
Discontinued Operations	None	None
Net Income From Continuing Ops	-1979516000.0	-936519000.0
Net Income Applicable To Common Shares	-1980117000.0	-936457000.0

10

	Holder	Shares	Date Reported	\
0	Vanguard Total Stock Market Index Fund	10743775	2021-12-30	
1	Vanguard Small-Cap Index Fund	9517470	2021-12-30	
2	iShares Core S&P Midcap ETF	8386370	2022-01-30	
3	Fidelity Low-Priced Stock Fund	7654281	2022-02-27	
4	Price (T.Rowe) Mid-Cap Value Fund	6376041	2021-12-30	
5	Vanguard Small Cap Value Index Fund	6033276	2021-12-30	
6	Blackrock Equity Dividend Fund	4987579	2022-01-30	
7	BlackRock Global Allocation Fund	4799848	2022-01-30	
8	Fidelity Mid-Cap Stock Fund	4651596	2022-02-27	

9 SPDR (R) Ser Tr-SPDR (R) S&P (R) Oil & Gas Exp... 4286671 2022-01-30

```
% Out      Value
0 0.0291  234321732
1 0.0258  207576020
2 0.0227  178210362
3 0.0207  177120062
4 0.0173  139061454
5 0.0163  131585749
6 0.0135  105986053
7 0.0130  101996770
8 0.0126  107637931
9 0.0116  91091758 ]
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3

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27

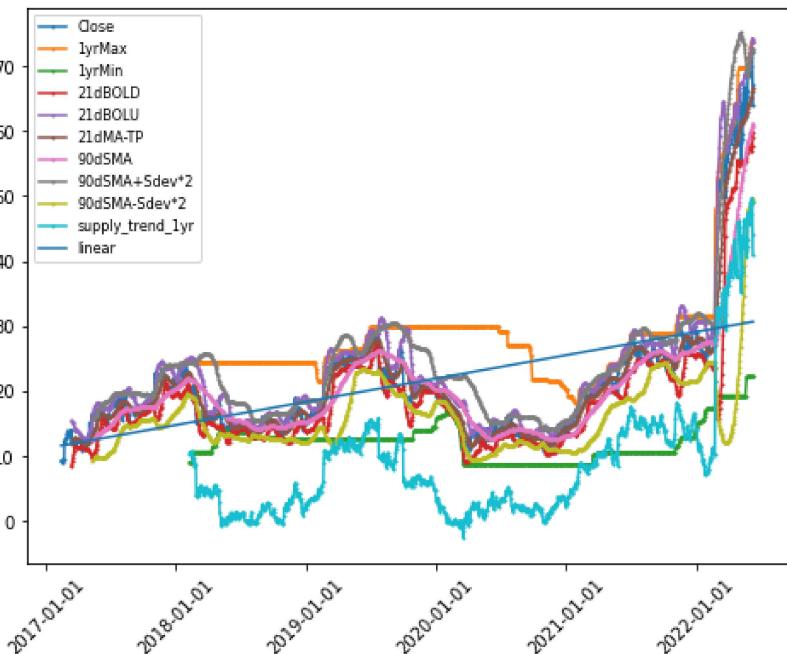
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2022-5
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gambling                 False
socialScore               10.21
nuclear                  False
furLeather                False
alcoholic                 False
gmo                       False
catholic                 False
socialPercentile          0
peerCount                 66
governanceScore           7.64
environmentPercentile     0
animalTesting              False
tobacco                   False
totalEsg                  37.38
highestControversy         1
esgPerformance            LEAD_PERF
coal                      False
pesticides                 False
adult                     False
percentile                83.58
peerGroup                 Oil & Gas Producers
smallArms                 False
environmentScore           19.53
governancePercentile       0
militaryContract           False]
```

LNTH

Index: SP600

Sector: Healthcare

supply trend: 10889615.279878972



	beta	currentRatio	debtToEquity	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	grossMargins	grossProfits	...	returnOnEquity	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue
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LNTH	0.750453	1.828	36.846	3.692	108329000	0.20002	21.648647	77142872	0.50913	187695000	...	-0.07151	1.258	7.998	Healthcare	68634096	2	105355000	1.535	190072992	541579008
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1 rows × 32 columns

2022-06-10

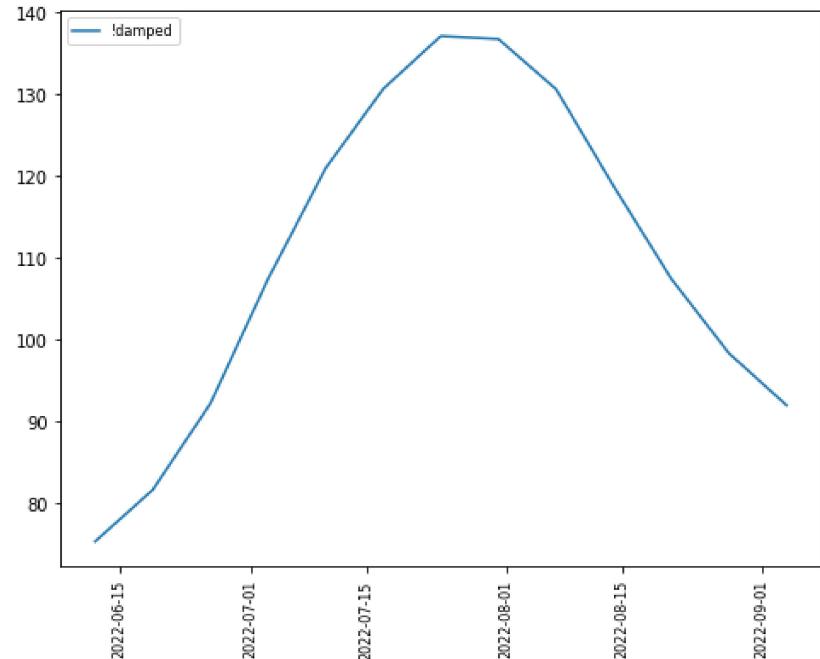
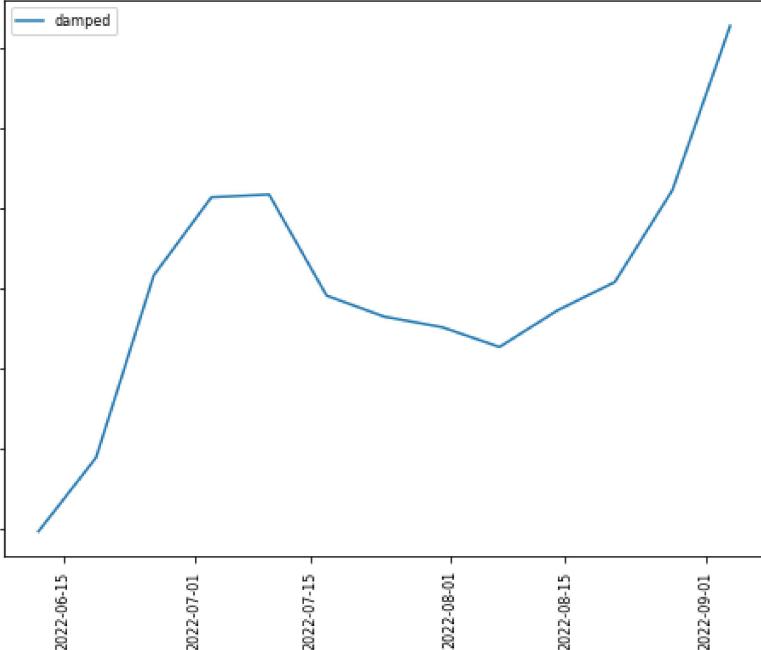
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 59.745909 66.695412 73.644916

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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LNTH	2.300963	63.849998	10889615.279879	0.843029	0.990883	0.532857
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ets next 13 weeks



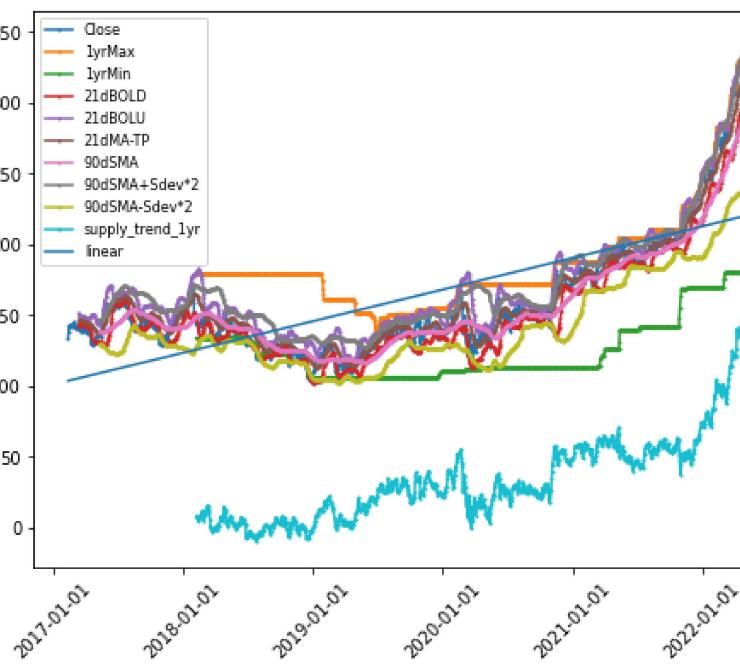
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1
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MCK

Index: SP500

Sector: Healthcare

supply trend: 33946622.76853253



	beta	currentRatio	dividendRate	dividendYield	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	grossMargins	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
MCK	0.663839	0.954	1.88	0.0059	-0.406	3191000064	0.01209	12.411926	2685625088	0.04957	...	0.118	1733.198	Healthcare	145364992	2.18	3532000000	24.297	7616999936	263965999104	43.771442

1 rows × 32 columns

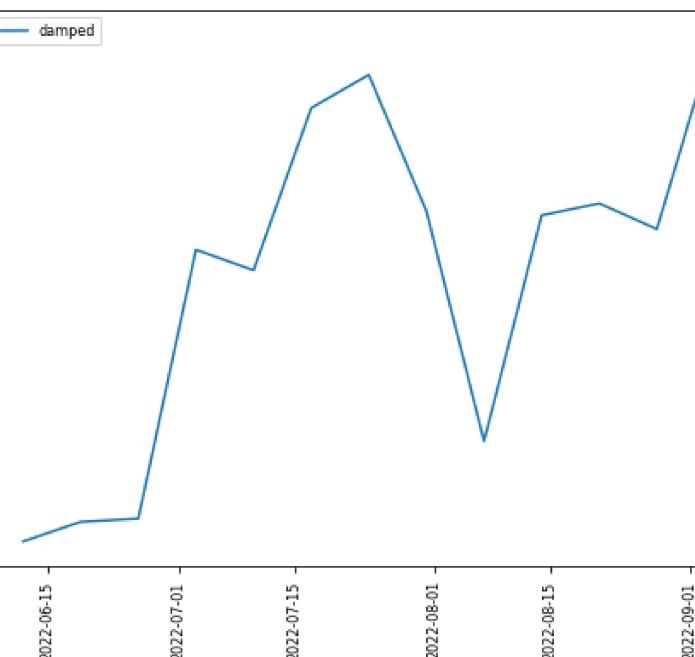
2022-06-10

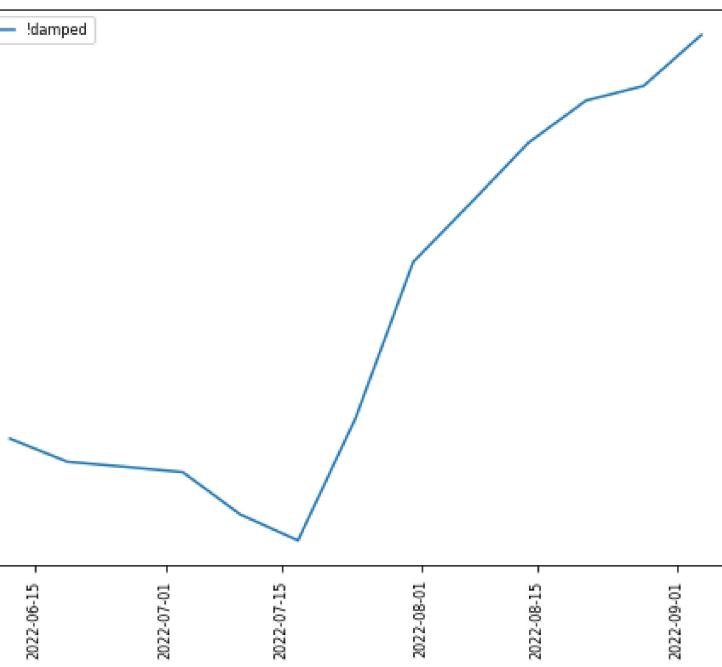
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 310.325661 323.309364 336.293067

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MCK	0.653279	313.339996	33946622.768533	0.86712	0.998714	0.463166

ets next 13 weeks

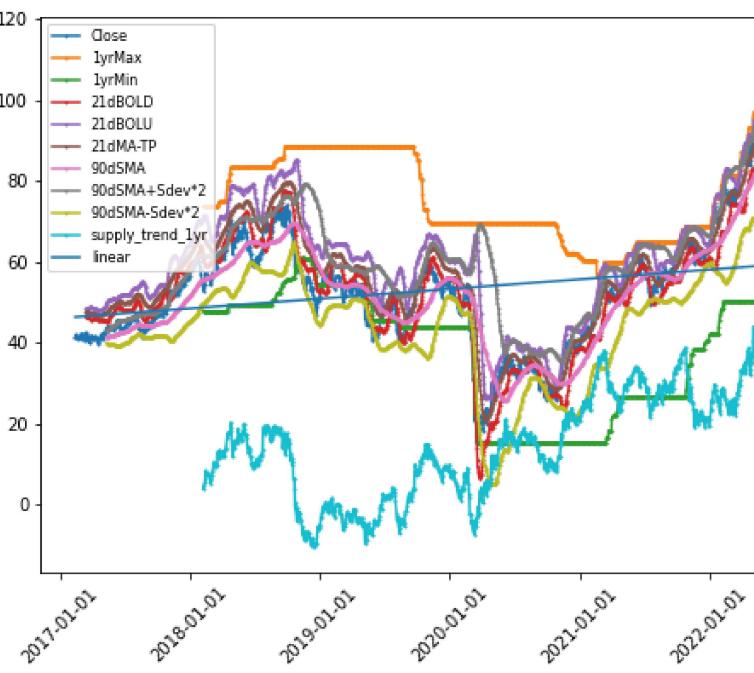




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2022-5
palmOil False
controversialWeapons False
gambling False
socialScore 7.37
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile None
peerCount 58
governanceScore 5.52
environmentPercentile None
animalTesting False
tobacco False
totalEsg 15.17
highestControversy 3
esgPerformance UNDER_PERF
coal False
pesticides False
adult False
percentile 10.18
peerGroup Healthcare
smallArms False
environmentScore 2.29
governancePercentile None
militaryContract False]
MPC
Index: SP500
Sector: Energy
supply trend: 132481329.19818456

```



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
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MPC	1.910294	1.704	80.117	2.32	0.0242	1.917	7120999936	0.05912	25.672987	16415250432	...	0.967	189.986	Energy	615587968	2.92	10839000064	19.177	26904000512	120450998272	7.604941
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1 rows × 35 columns

2022-06-10

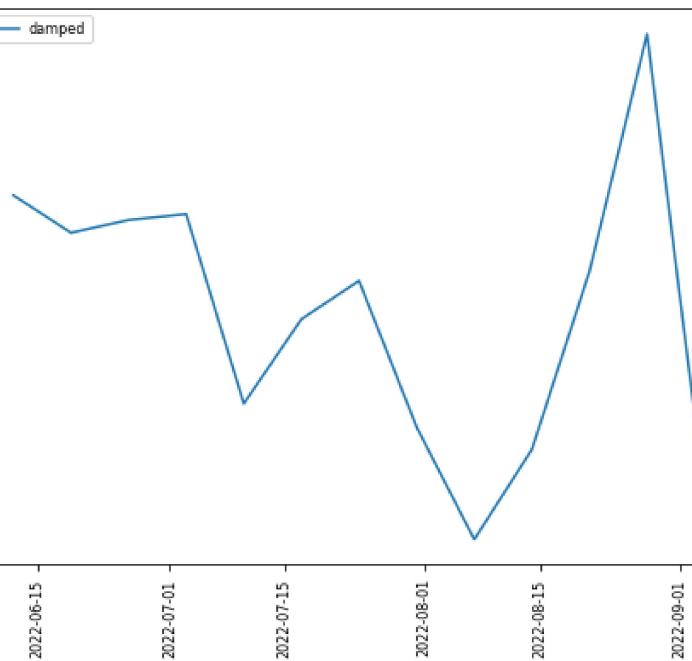
21dBOLD 21dMA-TP 21dBOLU

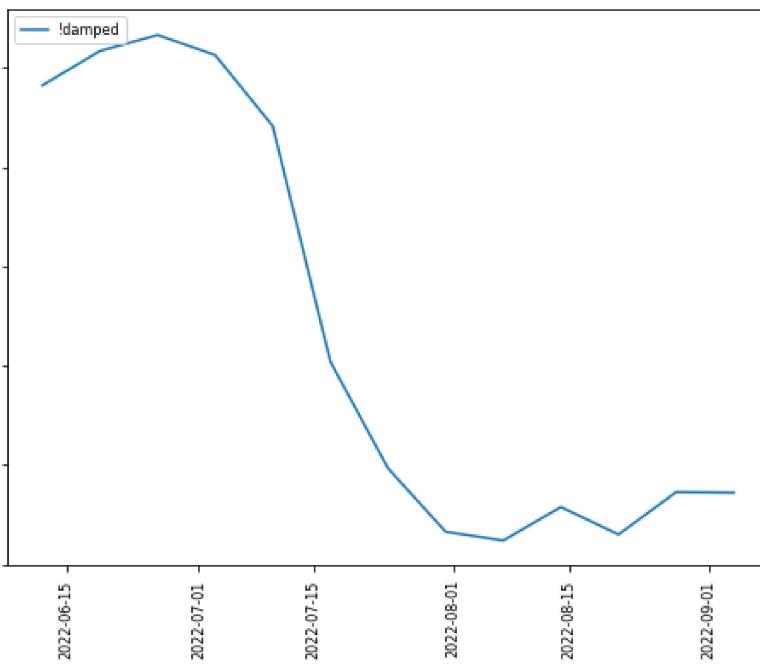
2022-06-10 89.236784 101.560094 113.883404

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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MPC	0.997729	108.339996	132481329.198185	0.931541	0.991702	0.523957
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ets next 13 weeks





27
['quarterly_balance_sheet', 2021-12-31 2021-09-30 2021-06-30 \\
Capital Surplus 3.326200e+10 3.325600e+10 3.323800e+10
Total Liab 5.179200e+10 5.333600e+10 5.760700e+10
Total Stockholder Equity 2.620600e+10 2.828000e+10 2.892100e+10
Minority Interest 7.375000e+09 7.684000e+09 7.772000e+09
Other Current Liab 2.278000e+09 3.377000e+09 6.148000e+09
Total Assets 8.537300e+10 8.930000e+10 9.430000e+10
Common Stock 1.000000e+07 1.000000e+07 1.000000e+07
Other Current Assets 5.680000e+08 5.850000e+08 5.850000e+08
Retained Earnings 1.290500e+10 1.248400e+10 1.216000e+10
Other Liab 7.999000e+09 8.193000e+09 8.825000e+09
Good Will 8.256000e+09 8.256000e+09 8.256000e+09
Treasury Stock -1.997100e+10 -1.747000e+10 -1.648700e+10
Other Assets 2.400000e+09 2.463000e+09 2.532000e+09
Cash 5.291000e+09 5.874000e+09 1.183900e+10
Total Current Liabilities 1.789800e+10 1.689800e+10 1.951200e+10
Deferred Long Term Asset Charges 2.000000e+06 NaN NaN
Short Long Term Debt 4.980000e+08 7.300000e+07 7.000000e+07
Other Stockholder Equity -6.700000e+07 -3.440000e+08 -3.400000e+08
Property Plant Equipment 3.881200e+10 3.905400e+10 3.949600e+10
Total Current Assets 3.049600e+10 3.414300e+10 3.859200e+10
Long Term Investments 5.409000e+09 5.384000e+09 5.424000e+09
Net Tangible Assets 1.795000e+10 2.002400e+10 2.066500e+10
Short Term Investments 5.548000e+09 7.352000e+09 5.418000e+09
Net Receivables 1.103400e+10 1.112100e+10 1.187100e+10
Long Term Debt 2.444300e+10 2.665500e+10 2.763900e+10
Inventory 8.055000e+09 9.211000e+09 8.879000e+09
Accounts Payable 1.370000e+10 1.219600e+10 1.217000e+10

2021-03-31
Capital Surplus 3.322200e+10
Total Liab 5.717200e+10
Total Stockholder Equity 2.159200e+10
Minority Interest 7.887000e+09
Other Current Liab 3.370000e+09
Total Assets 8.665100e+10
Common Stock 1.000000e+07
Other Current Assets 1.176200e+10
Retained Earnings 4.029000e+09
Other Liab 9.386000e+09
Good Will 8.256000e+09
Treasury Stock -1.566900e+10
Other Assets 2.594000e+09
Cash 6.240000e+08
Total Current Liabilities 1.608500e+10
Deferred Long Term Asset Charges NaN
Short Long Term Debt 6.900000e+07
Other Stockholder Equity -5.110000e+08
Property Plant Equipment 4.000500e+10
Total Current Assets 3.036100e+10
Long Term Investments 5.435000e+09
Net Tangible Assets 1.333600e+10
Short Term Investments NaN
Net Receivables 9.568000e+09
Long Term Debt 3.006100e+10
Inventory 8.407000e+09
Accounts Payable 9.953000e+09]

19
['quarterly_cashflow', 2021-12-31 2021-09-30 \\
Investments 1.742000e+09 -1.934000e+09
Change To Liabilities 1.590000e+09 1.930000e+08
Total Cashflows From Investing Activities 1.448000e+09 -2.054000e+09
Net Borrowings -1.951000e+09 -1.018000e+09
Total Cash From Financing Activities -5.703000e+09 -2.762000e+09
Change To Operating Activities -2.000000e+06 1.000000e+06
Issuance Of Stock 3.500000e+07 1.800000e+07
Net Income 7.740000e+08 6.940000e+08
Change In Cash -5.810000e+08 -5.964000e+09
Repurchase Of Stock -2.742000e+09 -9.280000e+08
Total Cash From Operating Activities 3.674000e+09 -1.148000e+09
Depreciation 8.130000e+08 8.360000e+08
Other Cashflows From Investing Activities 1.320000e+08 2.400000e+08
Dividends Paid -3.540000e+08 -3.700000e+08
Change To Inventory 1.173000e+09 -3.260000e+08
Change To Account Receivables -1.534000e+09 1.820000e+08

Other Cashflows From Financing Activities -6.910000e+08 -4.640000e+08
Change To Netincome 8.400000e+08 -2.746000e+09
Capital Expenditures -4.810000e+08 -3.770000e+08

	2021-06-30	2021-03-31
Investments	-5.477000e+09	-5.000000e+07
Change To Liabilities	2.656000e+09	1.821000e+09
Total Cashflows From Investing Activities	1.567000e+10	-2.670000e+08
Net Borrowings	-4.169000e+09	8.650000e+08
Total Cash From Financing Activities	-5.970000e+09	1.600000e+07
Change To Operating Activities	-1.000000e+06	5.000000e+06
Issuance Of Stock	3.000000e+07	2.300000e+07
Net Income	8.512000e+09	-2.420000e+08
Change In Cash	1.108000e+10	2.030000e+08
Repurchase Of Stock	-9.840000e+08	-9.840000e+08
Total Cash From Operating Activities	1.380000e+09	4.540000e+08
Depreciation	8.710000e+08	8.440000e+08
Other Cashflows From Investing Activities	2.144400e+10	1.100000e+07
Dividends Paid	-3.810000e+08	-3.790000e+08
Change To Inventory	-4.720000e+08	-4.080000e+08
Change To Account Receivables	-2.224000e+09	-1.723000e+09
Other Cashflows From Financing Activities	-4.660000e+08	-4.930000e+08
Change To Netincome	-7.981000e+09	1.350000e+08
Capital Expenditures	-3.020000e+08	-3.040000e+08

]

4

['quarterly_earnings' , Revenue Earnings

Quarter

1Q2021	22788000000	-242000000
2Q2021	29734000000	8512000000
3Q2021	32491000000	694000000
4Q2021	35438000000	774000000]

22

['quarterly_financials' , 2021-12-31 2021-09-30 \

Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	1348000000.0	1012000000.0
Minority Interest	7375000000.0	7684000000.0
Net Income	774000000.0	694000000.0
Selling General Administrative	654000000.0	691000000.0
Gross Profit	3254000000.0	2928000000.0
Ebit	1610000000.0	1208000000.0
Operating Income	1610000000.0	1208000000.0
Other Operating Expenses	177000000.0	193000000.0
Interest Expense	-302000000.0	-313000000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	243000000.0	-18000000.0
Total Revenue	35438000000.0	32491000000.0
Total Operating Expenses	33828000000.0	31283000000.0
Cost Of Revenue	32184000000.0	29563000000.0
Total Other Income Expense Net	-262000000.0	-196000000.0
Discontinued Operations	NaN	NaN
Net Income From Continuing Ops	1105000000.0	1030000000.0
Net Income Applicable To Common Shares	772000000.0	694000000.0

Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	593000000.0	-136000000.0
Minority Interest	7772000000.0	7887000000.0
Net Income	8512000000.0	-242000000.0
Selling General Administrative	681000000.0	575000000.0
Gross Profit	2557000000.0	1704000000.0
Ebit	816000000.0	123000000.0
Operating Income	816000000.0	123000000.0
Other Operating Expenses	189000000.0	162000000.0
Interest Expense	-318000000.0	-334000000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	5000000.0	34000000.0
Total Revenue	29734000000.0	22788000000.0
Total Operating Expenses	28918000000.0	22665000000.0
Cost Of Revenue	27177000000.0	21084000000.0
Total Other Income Expense Net	-223000000.0	-259000000.0

```
Discontinued Operations 8214000000.0 234000000.0
Net Income From Continuing Ops 588000000.0 -170000000.0
Net Income Applicable To Common Shares 8512000000.0 -242000000.0 ]
```

10

```
['mutualfund_holders', Holder Shares Date Reported \
0      Select Sector SPDR Fund-Energy Select 18103056 2022-01-30
1      Vanguard Total Stock Market Index Fund 17494854 2021-12-30
2      Vanguard 500 Index Fund 13037019 2021-12-30
3      Vanguard Mid-Cap Index Fund 6960433 2021-12-30
4      SPDR S&P 500 ETF Trust 6540311 2022-01-30
5      Fidelity 500 Index Fund 6304109 2022-02-27
6      iShares Core S&P 500 ETF 5120813 2022-01-30
7      Vanguard Index-Value Index Fund 4704115 2021-12-30
8  Vanguard Institutional Index Fund-Institutiona... 4638261 2021-12-30
9      iShares Select Dividend ETF 4127022 2022-01-30
```

```
% Out      Value
0 0.0335 1298894268
1 0.0323 1119495707
2 0.0241 834238845
3 0.0129 445398107
4 0.0121 469267314
5 0.0117 490900967
6 0.0095 367418332
7 0.0087 301016318
8 0.0086 296802321
9 0.0076 296113828 ]
```

4

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['options', ('2022-07-15', '2022-09-16', '2023-01-20', '2024-01-19')]
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27

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['sustainability', Value
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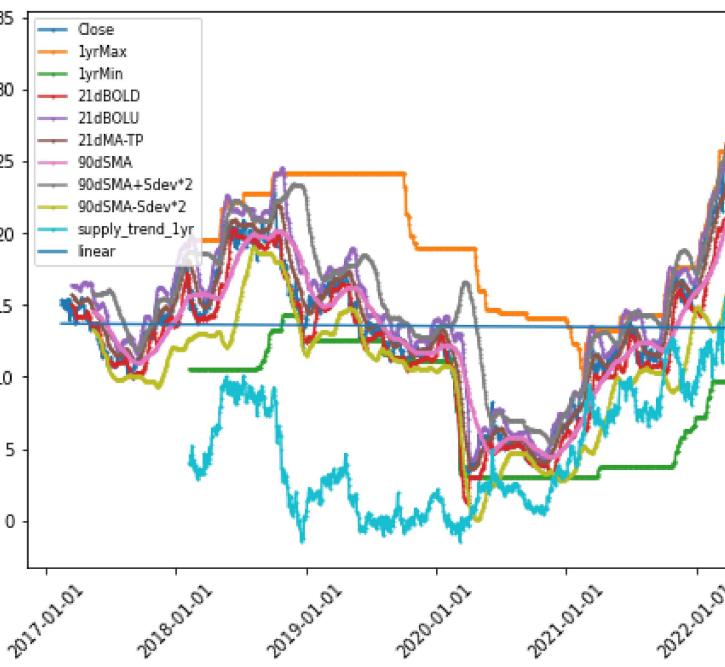
2022-5

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palmOil False
controversialWeapons False
gambling False
socialScore 7.01
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile 0
peerCount 39
governanceScore 5.87
environmentPercentile 0
animalTesting False
tobacco False
totalEsg 28.78
highestControversy 3
esgPerformance None
coal False
pesticides False
adult False
percentile 57.14
peerGroup Refiners & Pipelines
smallArms False
environmentScore 15.91
governancePercentile 0
militaryContract False]
MRO
```

Index: SP500

Sector: Energy

supply trend: 385905130.6354009



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	ebitda	ebitdaMargins	forwardPE	freeCashflow	grossMargins	...	returnOnEquity	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue
MRO	2.766666	1.112	38.48	0.32	0.0119	3308999936	0.58921	15.454082	1785500032	0.77546	...	0.08905	1.091	7.136	Energy	778537024	0.93	580000000	0.794	4112000000	5616000000

1 rows × 33 columns

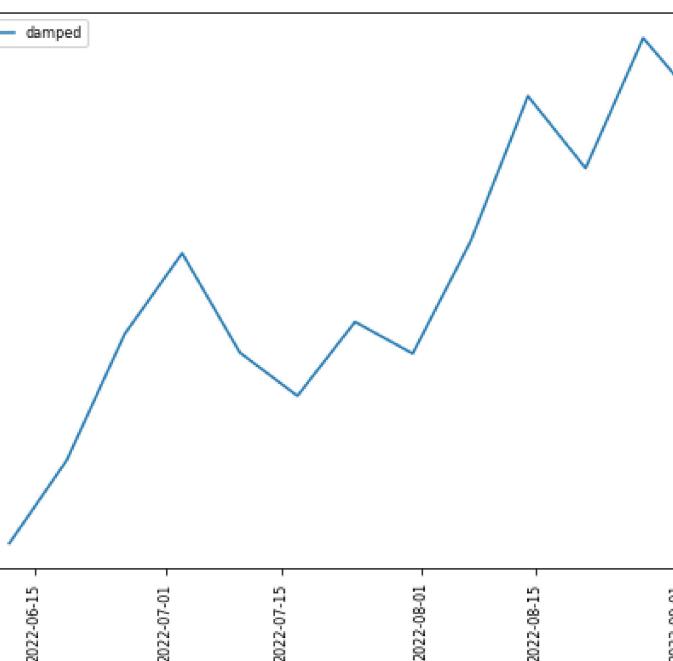
2022-06-10

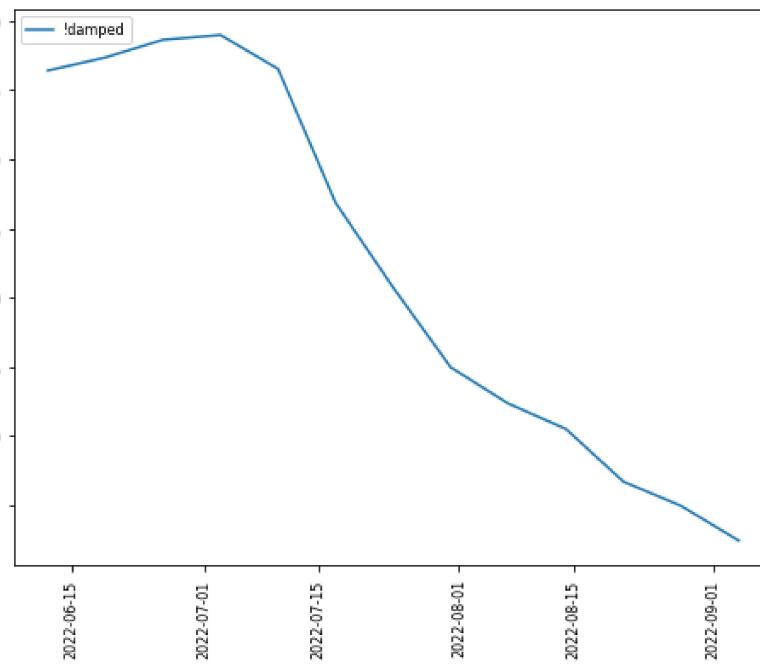
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 25.156063 29.418428 33.680793

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MRO	1.127529	30.290001	385905130.635401	0.900034	0.972772	0.54597

ets next 13 weeks





23
['quarterly_balance_sheet', 2021-12-31 2021-09-30 2021-06-30 \\

Capital Surplus	7.221000e+09	7.213000e+09	7.201000e+09
Total Liab	6.308000e+09	6.365000e+09	7.166000e+09
Total Stockholder Equity	1.068600e+10	1.079600e+10	1.063400e+10
Other Current Liab	3.680000e+08	4.960000e+08	5.020000e+08
Total Assets	1.699400e+10	1.716100e+10	1.780000e+10
Common Stock	9.370000e+08	9.370000e+08	9.370000e+08
Other Current Assets	2.200000e+07	2.500000e+07	1.900000e+07
Retained Earnings	7.271000e+09	6.669000e+09	6.524000e+09
Other Liab	6.440000e+08	6.420000e+08	6.650000e+08
Treasury Stock	-4.743000e+09	-4.023000e+09	-4.028000e+09
Other Assets	1.100000e+08	1.040000e+08	9.300000e+07
Cash	5.800000e+08	4.850000e+08	9.700000e+08
Total Current Liabilities	1.637000e+09	1.676000e+09	1.575000e+09
Short Long Term Debt	3.900000e+07	3.900000e+07	3.500000e+07
Other Stockholder Equity	8.200000e+07	8.200000e+07	7.700000e+07
Property Plant Equipment	1.458600e+10	1.484300e+10	1.511100e+10
Total Current Assets	1.821000e+09	1.655000e+09	2.075000e+09
Long Term Investments	4.770000e+08	5.590000e+08	5.210000e+08
Net Tangible Assets	1.068600e+10	1.079600e+10	1.063400e+10
Net Receivables	1.142000e+09	1.068000e+09	1.008000e+09
Long Term Debt	3.980000e+09	3.983000e+09	4.882000e+09
Inventory	7.700000e+07	7.700000e+07	7.800000e+07
Accounts Payable	1.110000e+09	1.028000e+09	9.370000e+08

2021-03-31

Capital Surplus	7.195000e+09
Total Liab	7.562000e+09
Total Stockholder Equity	1.067100e+10
Other Current Liab	3.810000e+08
Total Assets	1.823300e+10
Common Stock	9.370000e+08
Other Current Assets	2.600000e+07
Retained Earnings	6.540000e+09
Other Liab	6.950000e+08
Treasury Stock	-4.001000e+09
Other Assets	9.600000e+07
Cash	1.125000e+09
Total Current Liabilities	1.899000e+09
Short Long Term Debt	5.010000e+08
Other Stockholder Equity	1.120000e+08
Property Plant Equipment	1.542500e+10
Total Current Assets	2.150000e+09
Long Term Investments	5.620000e+08
Net Tangible Assets	1.067100e+10
Net Receivables	9.210000e+08
Long Term Debt	4.910000e+09
Inventory	7.800000e+07
Accounts Payable	9.180000e+08]

18

['quarterly_cashflow', 2021-12-31 2021-09-30 \\

Investments	4.600000e+07	9.000000e+06
Change To Liabilities	1.410000e+08	1.070000e+08
Total Cashflows From Investing Activities	-2.820000e+08	-2.650000e+08
Total Cash From Financing Activities	-7.690000e+08	-1.036000e+09
Change To Operating Activities	-2.000000e+07	-7.000000e+06
Net Income	6.490000e+08	1.840000e+08
Change In Cash	9.500000e+07	-4.850000e+08
Repurchase Of Stock	-7.240000e+08	-1.000000e+06
Total Cash From Operating Activities	1.146000e+09	8.160000e+08
Depreciation	4.630000e+08	5.830000e+08
Dividends Paid	-4.700000e+07	-3.900000e+07
Change To Account Receivables	-7.600000e+07	-6.000000e+07
Other Cashflows From Financing Activities	2.000000e+06	-9.600000e+07
Change To Netincome	-1.100000e+07	8.000000e+06
Capital Expenditures	-2.740000e+08	-2.890000e+08
Net Borrowings	Nan	-9.000000e+08
Other Cashflows From Investing Activities	Nan	1.000000e+06
Change To Inventory	Nan	1.000000e+06

2021-06-30 2021-03-31

Investments	6000000.0	6000000.0
Change To Liabilities	20000000.0	101000000.0
Total Cashflows From Investing Activities	-256000000.0	-207000000.0
Total Cash From Financing Activities	-554000000.0	-32000000.0

Change To Operating Activities	12000000.0	61000000.0
Net Income	16000000.0	97000000.0
Change In Cash	-155000000.0	383000000.0
Repurchase Of Stock	-1000000.0	-9000000.0
Total Cash From Operating Activities	655000000.0	622000000.0
Depreciation	60000000.0	51200000.0
Dividends Paid	-32000000.0	-23000000.0
Change To Account Receivables	-78000000.0	-175000000.0
Other Cashflows From Financing Activities	-22000000.0	-22000000.0
Change To Netincome	85000000.0	28000000.0
Capital Expenditures	-274000000.0	-209000000.0
Net Borrowings	-500000000.0	-500000000.0
Other Cashflows From Investing Activities	1000000.0	-1000000.0
Change To Inventory	1000000.0	-2000000.0

4

	Revenue	Earnings
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Quarter

1Q2021	1180000000	97000000
2Q2021	1259000000	16000000
3Q2021	1439000000	184000000
4Q2021	1738000000	649000000]

22

	2021-12-31	2021-09-30	\
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Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	683000000.0	188000000.0
Minority Interest	None	None
Net Income	649000000.0	184000000.0
Selling General Administrative	61000000.0	70000000.0
Gross Profit	1393000000.0	1089000000.0
Ebit	755000000.0	254000000.0
Operating Income	755000000.0	254000000.0
Other Operating Expenses	94000000.0	167000000.0
Interest Expense	-74000000.0	-57000000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	34000000.0	4000000.0
Total Revenue	1738000000.0	1439000000.0
Total Operating Expenses	983000000.0	1185000000.0
Cost Of Revenue	345000000.0	350000000.0
Total Other Income Expense Net	-72000000.0	-66000000.0
Discontinued Operations	None	None
Net Income From Continuing Ops	649000000.0	184000000.0
Net Income Applicable To Common Shares	649000000.0	184000000.0

	2021-06-30	2021-03-31
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Research Development	None	None
Effect Of Accounting Charges	None	None
Income Before Tax	26000000.0	107000000.0
Minority Interest	None	None
Net Income	16000000.0	97000000.0
Selling General Administrative	69000000.0	75000000.0
Gross Profit	966000000.0	907000000.0
Ebit	54000000.0	87000000.0
Operating Income	54000000.0	87000000.0
Other Operating Expenses	240000000.0	227000000.0
Interest Expense	-59000000.0	-13000000.0
Extraordinary Items	None	None
Non Recurring	None	None
Other Items	None	None
Income Tax Expense	10000000.0	10000000.0
Total Revenue	1259000000.0	1180000000.0
Total Operating Expenses	1205000000.0	1093000000.0
Cost Of Revenue	293000000.0	273000000.0
Total Other Income Expense Net	-28000000.0	20000000.0
Discontinued Operations	None	None
Net Income From Continuing Ops	16000000.0	97000000.0
Net Income Applicable To Common Shares	16000000.0	97000000.0

10

	Holder	Shares	Date Reported	% Out	\
0 Vanguard/Windsor II	26018487	2022-01-30	0.0368		
1 Select Sector SPDR Fund-Energy Select	22895120	2022-01-30	0.0324		
2 Vanguard Total Stock Market Index Fund	22131478	2021-12-30	0.0313		
3 Vanguard Small-Cap Index Fund	19611815	2021-12-30	0.0277		
4 Vanguard 500 Index Fund	16486851	2021-12-30	0.0233		

```
5 Vanguard Small Cap Value Index Fund 12430773 2021-12-30 0.0176
6 Fidelity Low-Priced Stock Fund 12282677 2022-02-27 0.0174
7 SPDR S&P 500 ETF Trust 8364080 2022-01-30 0.0118
8 Fidelity 500 Index Fund 7972838 2022-02-27 0.0113
9 Invesco Comstock Fd 7808667 2022-01-30 0.0110
```

Value

```
0 506579941
1 445767986
2 363398868
3 322026002
4 270714093
5 204113292
6 277097193
7 162848637
8 179867225
9 152034746 ]
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4

```
[ 'options', ('2022-07-15', '2022-09-16', '2023-01-20', '2024-01-19')]
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27

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[ 'sustainability',
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Value

2022-5

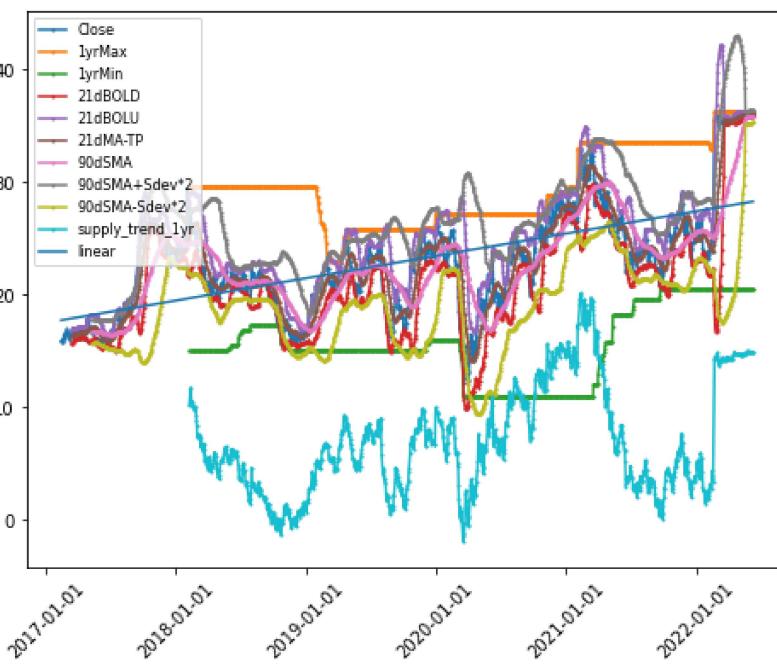
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palmOil False
controversialWeapons False
gambling False
socialScore 10.01
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile 0
peerCount 66
governanceScore 8.13
environmentPercentile 0
animalTesting False
tobacco False
totalEsg 42.05
highestControversy 2
esgPerformance None
coal False
pesticides False
adult False
percentile 90.8
peerGroup Oil & Gas Producers
smallArms False
environmentScore 23.91
governancePercentile 0
militaryContract False]
```

MTOR

Index: SP600

Sector: error

supply trend: 20301256.12708018



MTOR

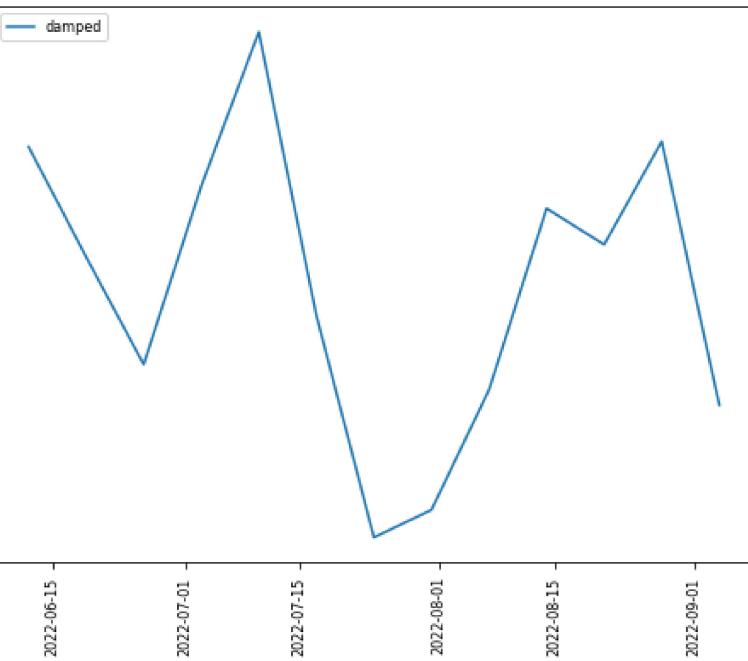
2022-06-10

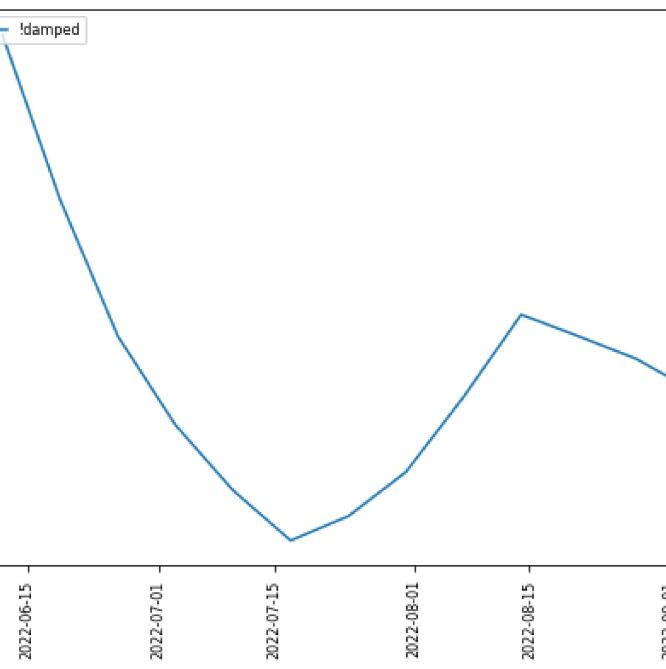
21dBOLD 21dMA-TP 21dBOLU

2022-06-10 35.91395 36.090158 36.266367

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MTOR	1.167952	36.119999	20301256.12708	0.990077	0.308552	0.433895

lets next 13 weeks





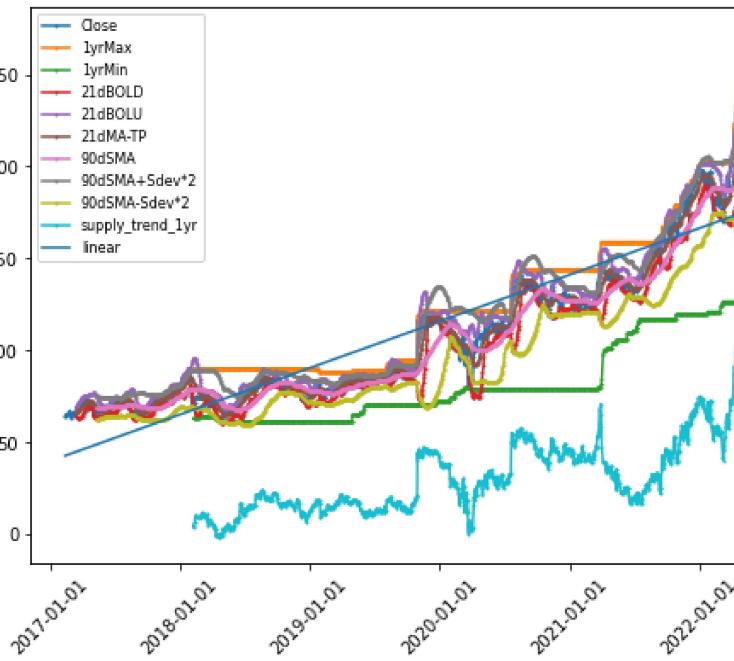
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1
['options', ('2022-08-19',)]
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MUSA

Index: SP400

Sector: Consumer Cyclical

supply trend: 7365132.299546142



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
MUSA	0.820982	1.083	283.285	1.24	0.005	2.025	950200000	0.05637	19.691177	451787488	...	0.501	658.653	Consumer Cyclical	24201600	4.6	356200000	14.718	224220064	16855600128	13.386478

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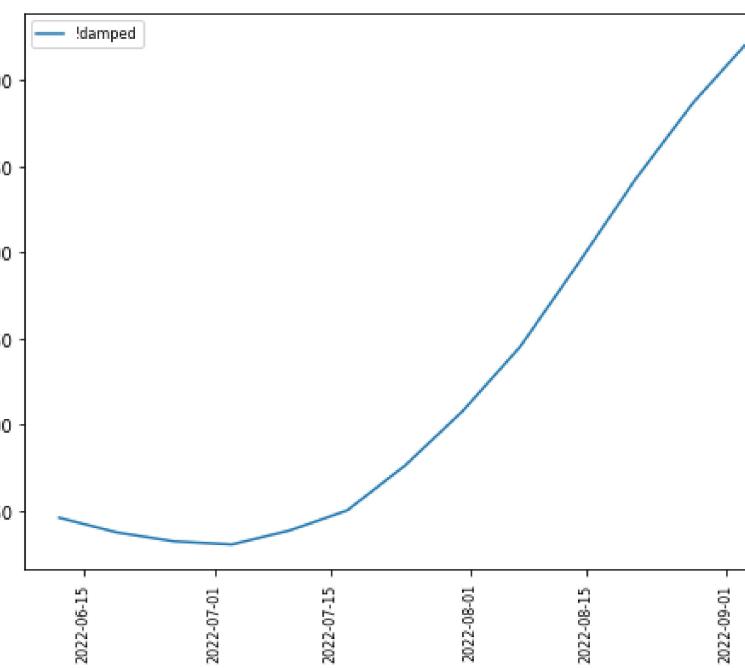
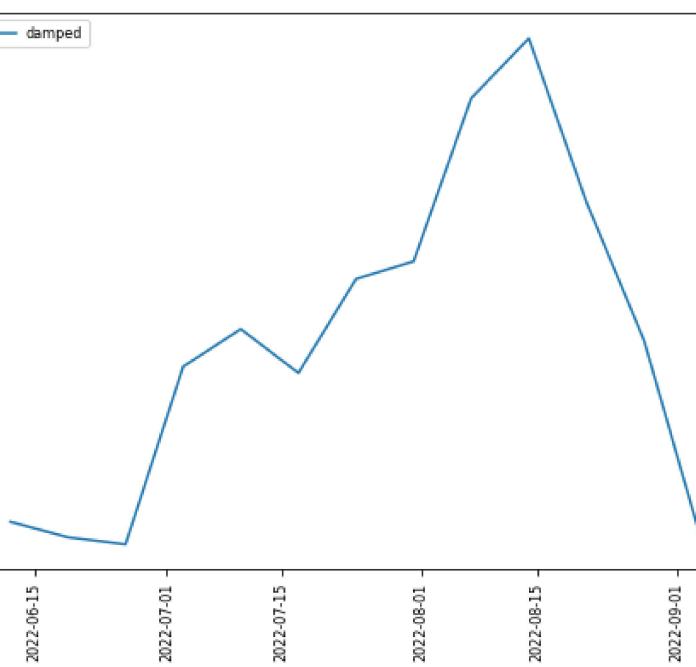
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

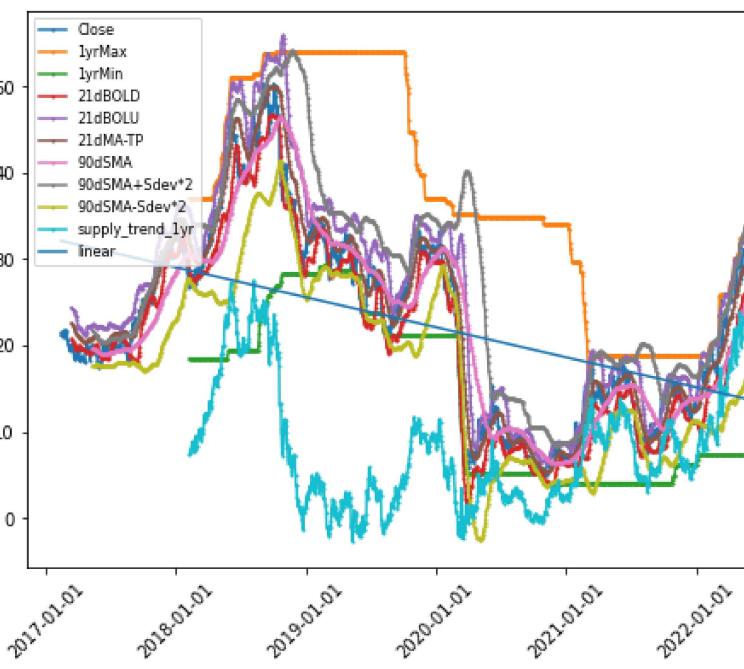
2022-06-10 234.45771 245.340318 256.222926

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
MUSA	1.023661	237.960007	7365132.299546	0.839578	0.99617	0.410367

ets next 13 weeks



```
2
['options', ('2022-07-15', '2022-11-18')]
PBF
Index: SP600
Sector: Energy
supply trend: 65359710.136157334
```



	beta	currentRatio	debtToEquity	ebitda	ebitdaMargins	forwardPE	freeCashflow	grossMargins	grossProfits	heldPercentInstitutions	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
PBF	2.259981	1.254	197.914	690400000	0.02194	14.665455	284750016	0.0362	671100000	0.80126	...	0.856	261.505	Energy	120828000	2.81	1434599936	11.873	4999499776	31470299136	19.549202

1 rows × 32 columns

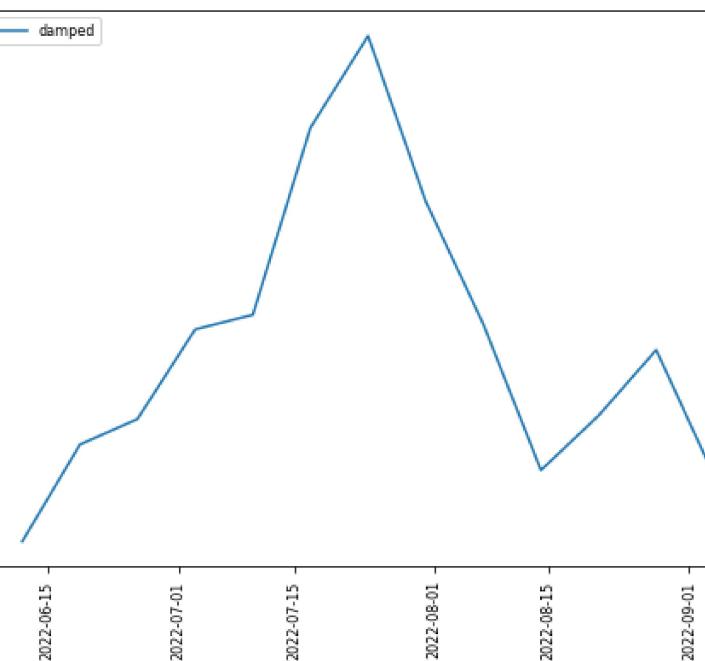
2022-06-10

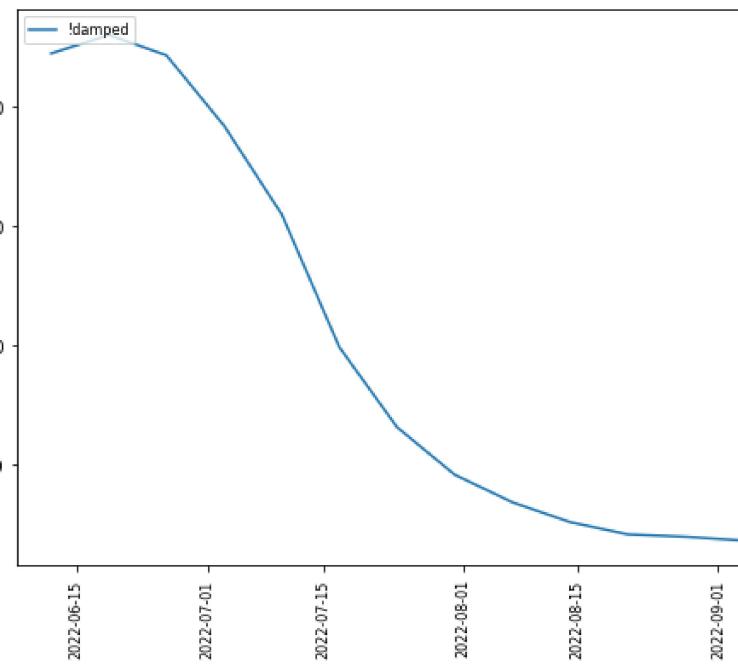
21dBOLD **21dMA-TP** **21dBOLU**

2022-06-10 24.95881 34.143016 43.327222

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
PBF	1.018074	40.330002	65359710.136157	0.905392	0.730477	0.555776

ets next 13 weeks





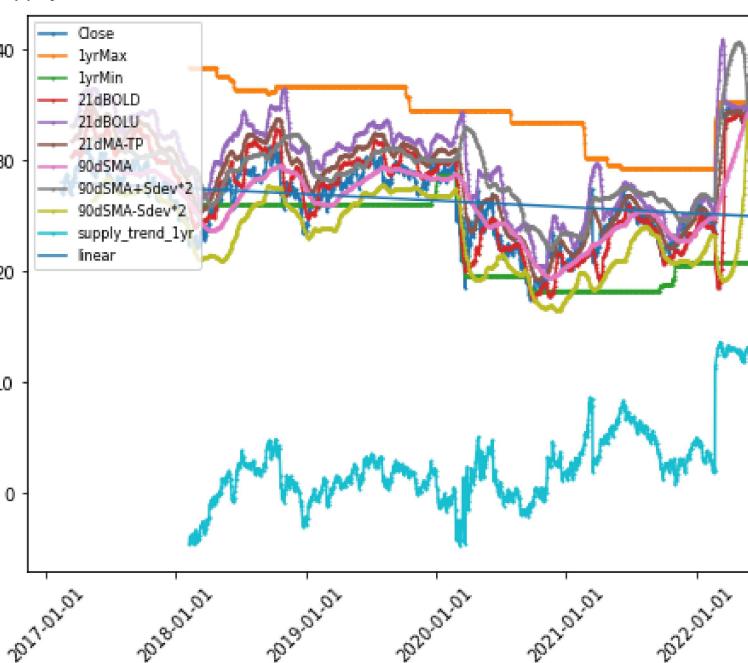
5
['options', ('2022-06-17', '2022-07-15', '2022-12-16', '2023-01-20', '2024-01-19')]

SJI

Index: SP600

Sector: Utilities

supply trend: 18167782.072617248



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	ebitda	ebitdaMargins	forwardPE	freeCashflow	grossMargins	...	returnOnEquity	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
SJI	0.767156	0.669	180.745	1.24	0.0371	563539008	0.2829	20.39521	-181286880	0.24213	...	0.04828	18.23	Utilities	112448000	3.26	28754000	0.245	3613896960	1991996032	48.587734

1 rows x 33 columns

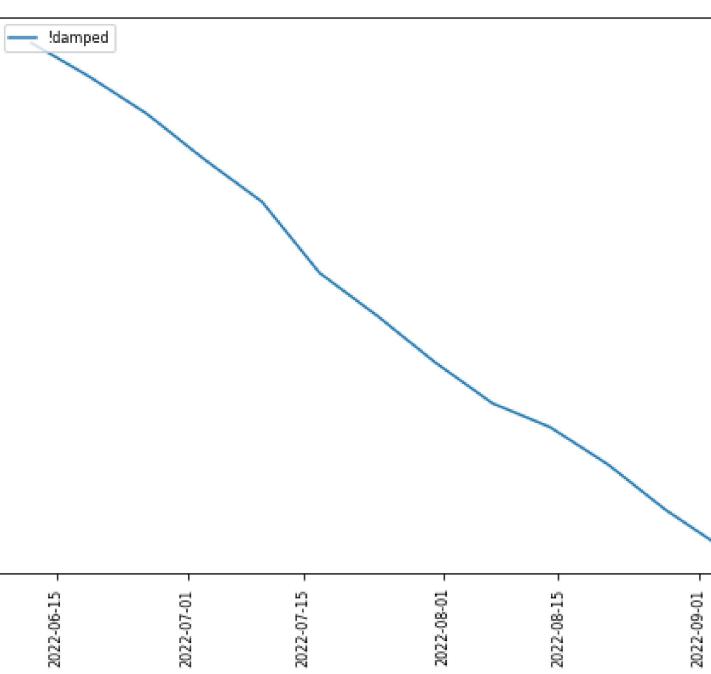
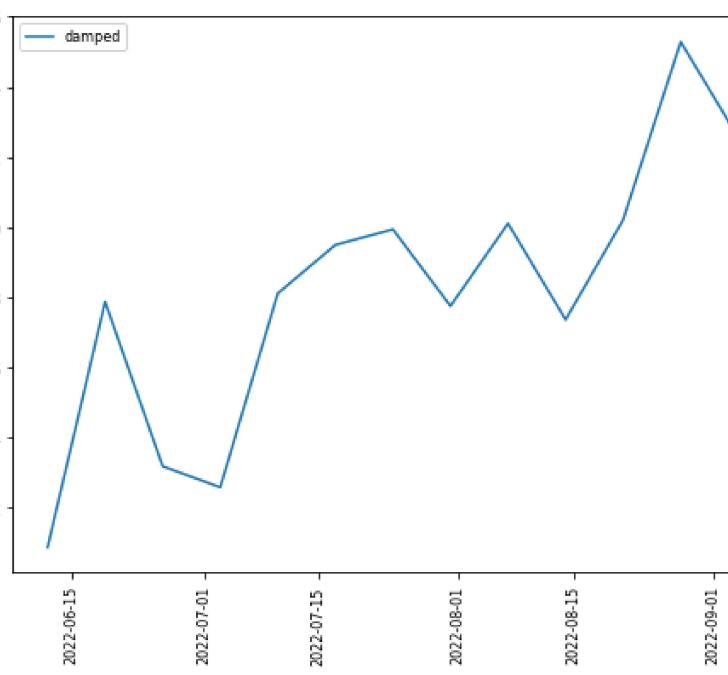
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 33.346404 34.247778 35.149152

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
SJI	1.10309	34.060001	18167782.072617	0.92623	0.165217	0.413386

ets next 13 weeks



27
['quarterly_balance_sheet', 2021-12-31 2021-09-30 2021-06-30 \\

Intangible Assets	1.404300e+07	1.473100e+07	1.611800e+07
Capital Surplus	1.559060e+09	1.463655e+09	1.462322e+09
Total Liab	5.309231e+09	5.187967e+09	4.938285e+09
Total Stockholder Equity	1.989152e+09	1.828587e+09	1.887399e+09
Minority Interest	1.028900e+07	7.457000e+06	7.425000e+06
Deferred Long Term Liab	6.724160e+08	6.694870e+08	6.701760e+08
Other Current Liab	1.596050e+08	2.273930e+08	1.760970e+08
Total Assets	7.308672e+09	7.024011e+09	6.833109e+09
Common Stock	1.466750e+08	1.405610e+08	1.405570e+08
Other Current Assets	9.504100e+07	1.416900e+08	8.351100e+07
Retained Earnings	3.104330e+08	2.628420e+08	3.229880e+08
Other Liab	1.141049e+09	1.165851e+09	1.163466e+09
Good Will	7.069600e+08	7.069600e+08	7.069600e+08
Treasury Stock	-2.701600e+07	-3.847100e+07	-3.846800e+07
Other Assets	9.811060e+08	9.530460e+08	9.168080e+08
Cash	2.875400e+07	2.541500e+07	8.789900e+07
Total Current Liabilities	9.556820e+08	8.187800e+08	5.896010e+08
Short Long Term Debt	6.663900e+07	6.663600e+07	9.155500e+07
Other Stockholder Equity	-2.672900e+07	-3.819100e+07	-3.820000e+07
Property Plant Equipment	4.929055e+09	4.741429e+09	4.633664e+09
Total Current Assets	6.389620e+08	5.716560e+08	5.270180e+08
Long Term Investments	3.854600e+07	3.618900e+07	3.254100e+07
Net Tangible Assets	1.268149e+09	1.106896e+09	1.164321e+09
Net Receivables	3.951240e+08	2.603440e+08	2.495690e+08
Long Term Debt	3.190808e+09	3.197736e+09	3.182118e+09
Inventory	6.079700e+07	6.639100e+07	4.158000e+07
Accounts Payable	3.301640e+08	3.009550e+08	2.261080e+08

2021-03-31

Intangible Assets	1.570100e+07
Capital Surplus	1.193552e+09
Total Liab	4.971266e+09
Total Stockholder Equity	1.737118e+09
Minority Interest	6.124000e+06
Deferred Long Term Liab	6.507100e+08
Other Current Liab	1.368470e+08
Total Assets	6.714508e+09
Common Stock	1.282150e+08
Other Current Assets	3.854100e+07
Retained Earnings	4.538230e+08
Other Liab	1.148234e+09
Good Will	7.069600e+08
Treasury Stock	-3.847200e+07
Other Assets	8.649660e+08
Cash	3.038600e+07
Total Current Liabilities	7.526990e+08
Short Long Term Debt	1.433030e+08
Other Stockholder Equity	-3.820800e+07
Property Plant Equipment	4.524998e+09
Total Current Assets	4.889150e+08
Long Term Investments	1.129680e+08
Net Tangible Assets	1.014457e+09
Net Receivables	3.626680e+08
Long Term Debt	3.067233e+09
Inventory	2.054900e+07
Accounts Payable	2.180780e+08

15

['quarterly_cashflow', 2021-12-31 2021-09-30 \\

Net Income	0.0	-26130000.0
Change To Liabilities	0.0	0.0
Investments	NaN	-22044000.0
Total Cashflows From Investing Activities	NaN	-164851000.0
Net Borrowings	NaN	107800000.0
Total Cash From Financing Activities	NaN	70091000.0
Change In Cash	NaN	-62484000.0
Total Cash From Operating Activities	NaN	32276000.0
Depreciation	NaN	48089000.0
Other Cashflows From Investing Activities	NaN	-1418000.0
Dividends Paid	NaN	-34007000.0
Other Cashflows From Financing Activities	NaN	-3702000.0
Change To Netincome	NaN	10317000.0
Capital Expenditures	NaN	-141378000.0
Issuance Of Stock	NaN	NaN

	2021-06-30	2021-03-31
Net Income	-96828000.0	128598000.0
Change To Liabilities	0.0	0.0
Investments	-17530000.0	-196000.0
Total Cashflows From Investing Activities	-156992000.0	-112328000.0
Net Borrowings	-84100000.0	-127600000.0
Total Cash From Financing Activities	169869000.0	-96098000.0
Change In Cash	56065000.0	-9963000.0
Total Cash From Operating Activities	43188000.0	198463000.0
Depreciation	49180000.0	54440000.0
Other Cashflows From Investing Activities	1968000.0	-6752000.0
Dividends Paid	-30453000.0	-30453000.0
Other Cashflows From Financing Activities	-3078000.0	-10770000.0
Change To Netincome	90836000.0	15425000.0
Capital Expenditures	-126758000.0	-105380000.0
Issuance Of Stock	287500000.0	422720000.0

4
['quarterly_earnings', Revenue Earnings]

Quarter

1Q2021 674300000 128598000

2Q2021 311828000 -96828000

3Q2021 365631000 -26130000

4Q2021 0 0]

22

['quarterly_financials',

	2021-12-31	2021-09-30	2021-06-30	\
Research Development	None	None	None	
Effect Of Accounting Charges	None	None	None	
Income Before Tax	NaN	-37557000.0	-101362000.0	
Minority Interest	10289000.0	7457000.0	7425000.0	
Net Income	0.0	-26130000.0	-96828000.0	
Selling General Administrative	None	None	None	
Gross Profit	0.0	16068000.0	47452000.0	
Ebit	0.0	-8973000.0	11609000.0	
Operating Income	NaN	-8973000.0	11609000.0	
Other Operating Expenses	NaN	-8040000.0	2812000.0	
Interest Expense	NaN	-31468000.0	-31185000.0	
Extraordinary Items	None	None	None	
Non Recurring	None	None	None	
Other Items	None	None	None	
Income Tax Expense	0.0	-11727000.0	-4702000.0	
Total Revenue	0.0	365631000.0	311828000.0	
Total Operating Expenses	0.0	374604000.0	300219000.0	
Cost Of Revenue	0.0	349563000.0	264376000.0	
Total Other Income Expense Net	0.0	-28584000.0	-112971000.0	
Discontinued Operations	NaN	-127000.0	-80000.0	
Net Income From Continuing Ops	NaN	-25830000.0	-96660000.0	
Net Income Applicable To Common Shares	NaN	-26130000.0	-96828000.0	

2021-03-31

Research Development	None
Effect Of Accounting Charges	None
Income Before Tax	170567000.0
Minority Interest	6124000.0
Net Income	128598000.0
Selling General Administrative	None
Gross Profit	232623000.0
Ebit	196828000.0
Operating Income	196828000.0
Other Operating Expenses	3983000.0
Interest Expense	-31459000.0
Extraordinary Items	None
Non Recurring	None
Other Items	None
Income Tax Expense	41769000.0
Total Revenue	674300000.0
Total Operating Expenses	477472000.0
Cost Of Revenue	441677000.0
Total Other Income Expense Net	-26261000.0
Discontinued Operations	-71000.0
Net Income From Continuing Ops	128798000.0
Net Income Applicable To Common Shares	128598000.0

10

['mutualfund_holders',

	Holder	Shares	Date Reported	\
0 SPDR (R) Ser Tr- SPDR (R) S&P (R) Dividend ETF	11551756	2022-01-30		
1 iShares Core S&P Smallcap ETF	7909776	2022-01-30		
2 Vanguard Total Stock Market Index Fund	3185871	2021-12-30		

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3 Vanguard Small-Cap Index Fund 2832115 2021-12-30
4 iShares Russell 2000 ETF 2351525 2022-01-30
5 SSgA SPDR ETFS Europe I-SPDR S&P US Dividend A... 2037036 2022-02-27
6 SSgA SPDR ETFS Europe I-SPDR S&P U.S. Div Aris... 2037036 2022-02-27
7 iShares S&P Smallcap 600 Value ETF 1870014 2022-01-30
8 Vanguard Small Cap Value Index Fund 1795423 2021-12-30
9 Delaware Group Equity Funds V-Small Cap Value ... 1632000 2022-02-27

```

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% Out      Value
0 0.0944 289024935
1 0.0646 197902595
2 0.0260 83214950
3 0.0231 73974843
4 0.0192 58835155
5 0.0166 69116631
6 0.0166 69116631
7 0.0153 46787750
8 0.0147 46896448
9 0.0133 55373760 ]

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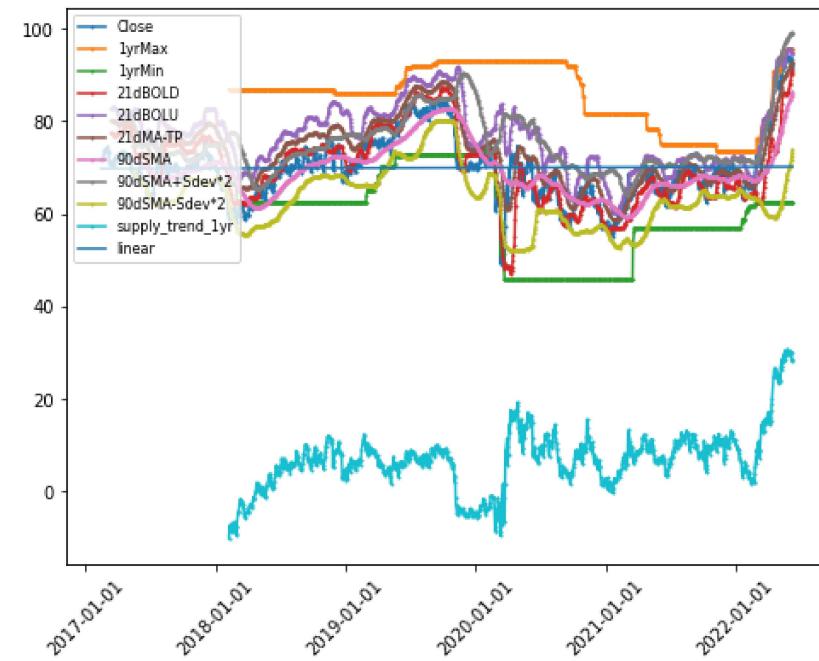
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SWX

Index: SP400

Sector: Utilities

supply trend: 7059509.30408472



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
SWX	0.108035	0.778	174.475	2.48	0.0263	-0.222	786628992	0.19366	19.052631	-470833120	...	0.431	67.779	Utilities	66852000	1.78	624665984	9.344	6324827136	4061953024	31.40474

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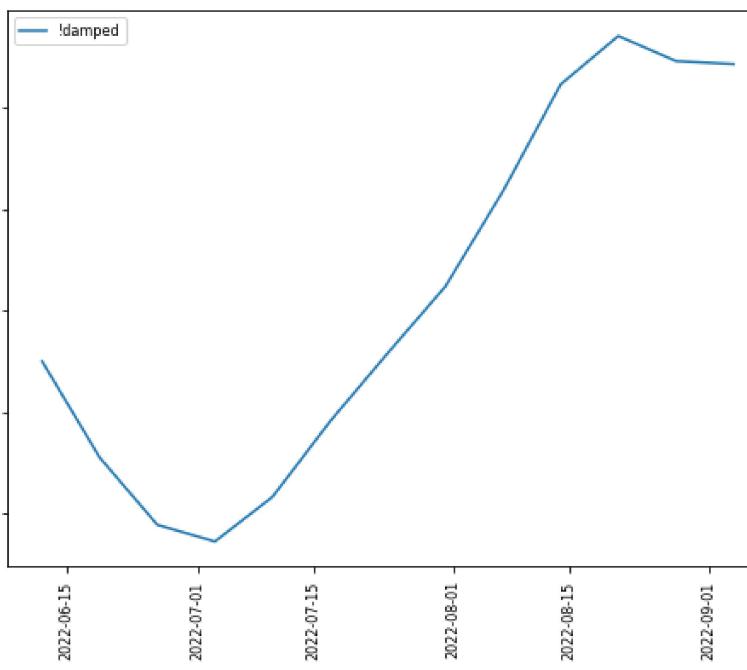
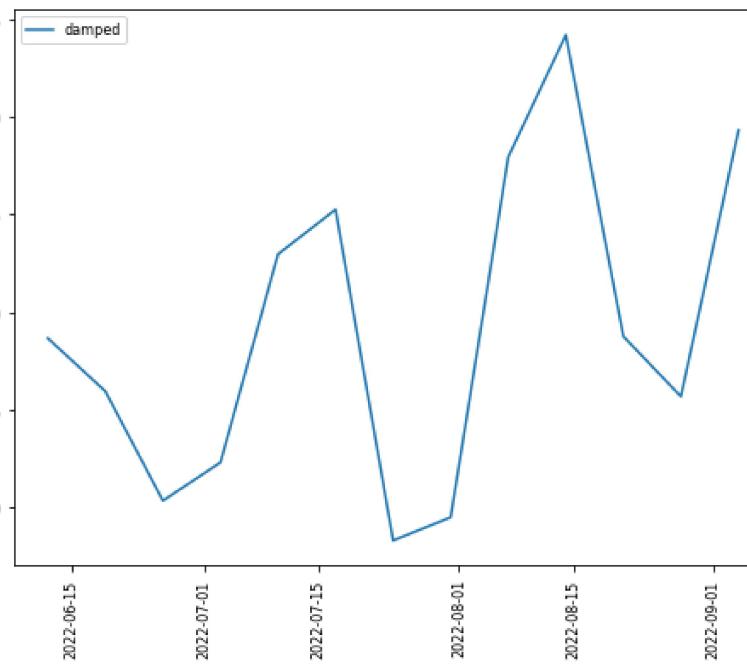
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

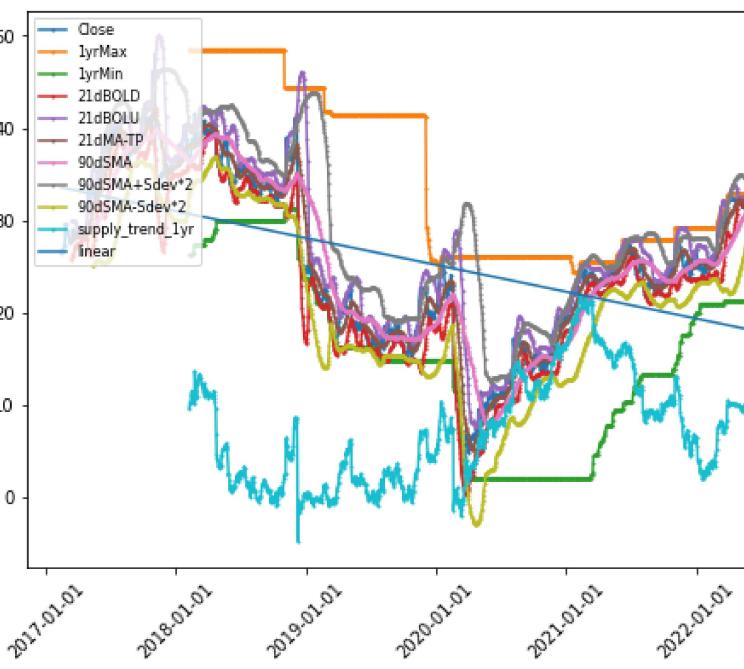
2022-06-10 91.063144 92.741905 94.420666

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
SWX	1.47625	91.889999	7059509.304085	0.903418	0.284442	0.398907

ets next 13 weeks



```
1
['options', ('2022-07-15',)]
TVTY
Index: SP600
Sector: error
supply trend: 14974563.993948562
```



TVTY

2022-06-10

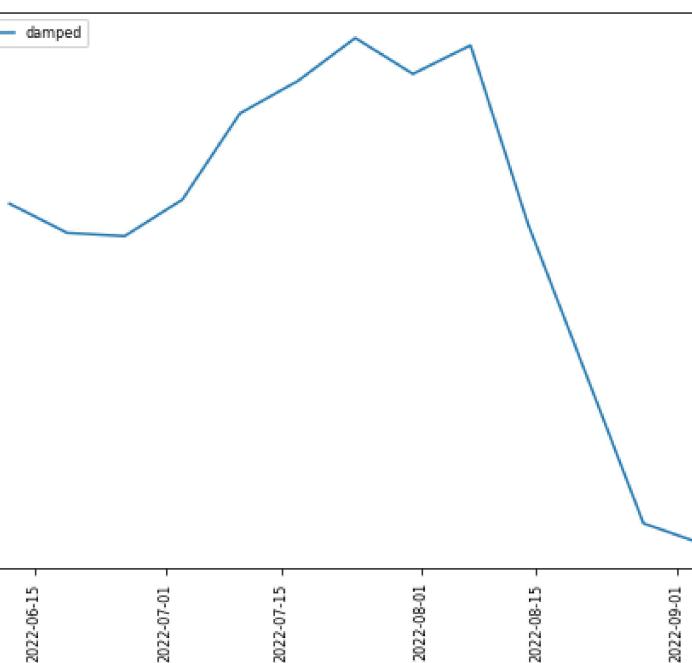
21dBOLD 21dMA-TP 21dBOLU

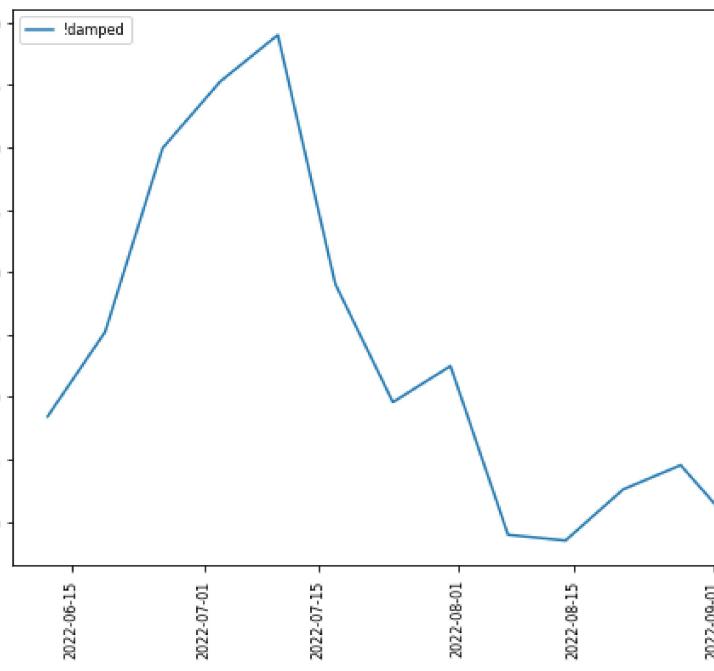
2022-06-10 31.743907 32.163968 32.58403

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
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TVTY	0.975728	32.279999	14974563.993949	0.973128	0.524133	0.449983
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lets next 13 weeks





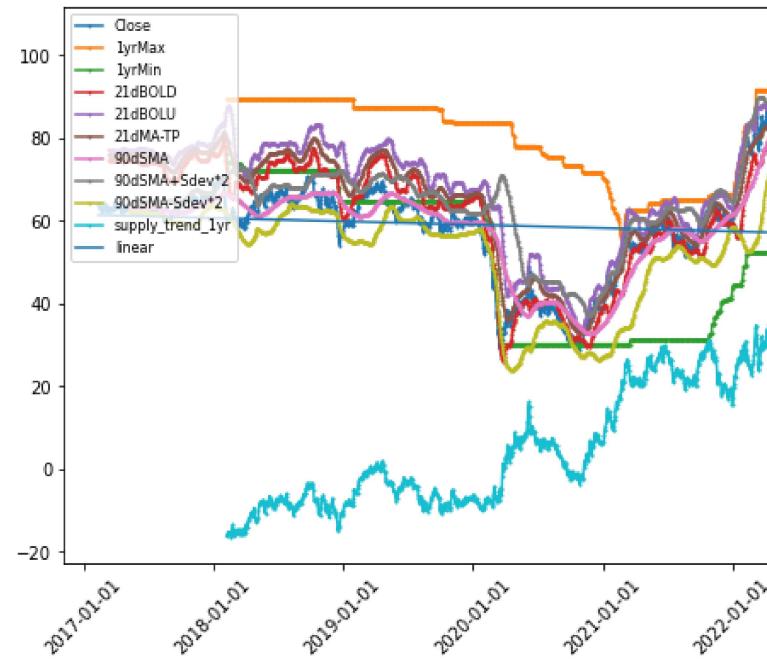
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XOM

Index: SP500

Sector: Energy

supply trend: 399482859.5310136



	beta	currentRatio	debtToEquity	dividendRate	dividendYield	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
XOM	1.040834	1.072	26.929	3.52	0.0341	1.003	53895000064	0.17427	11.818078	31484874752	...	0.525	72.369	Energy	4213199872	1.13	11073999872	2.629	47537000448	309269004288	17.34494

1 rows x 35 columns

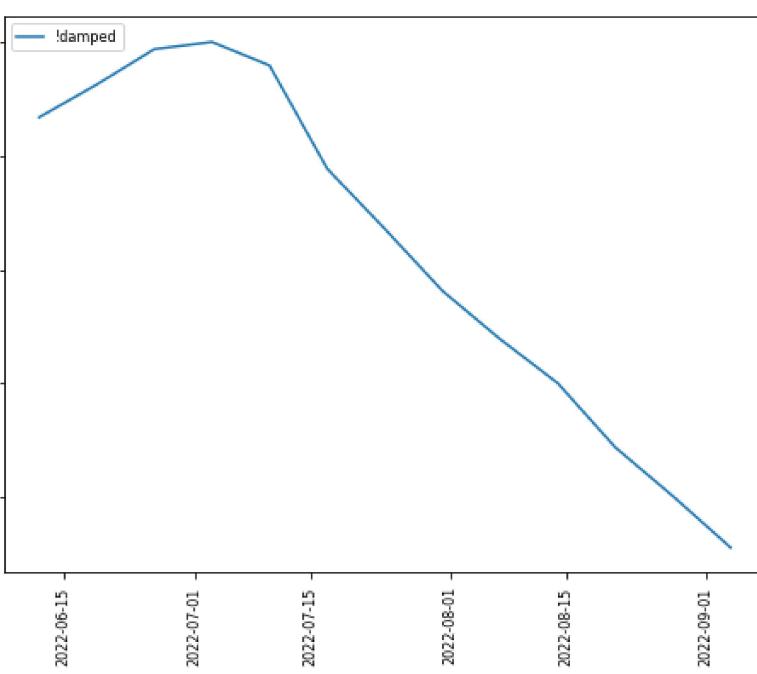
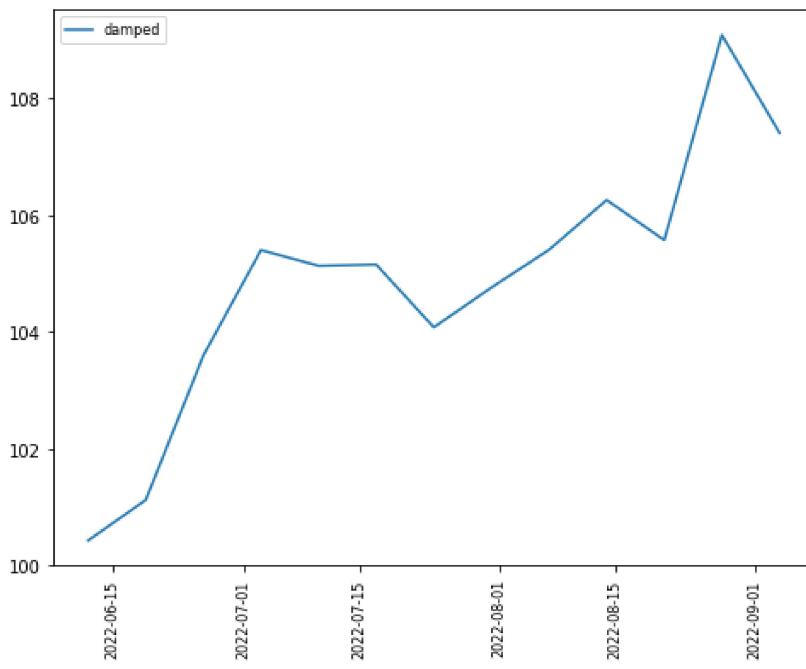
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 85.804488 95.616984 105.42948

	volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst
XOM	1.434399	100.459999	399482859.531014	0.931373	0.977852	0.536671

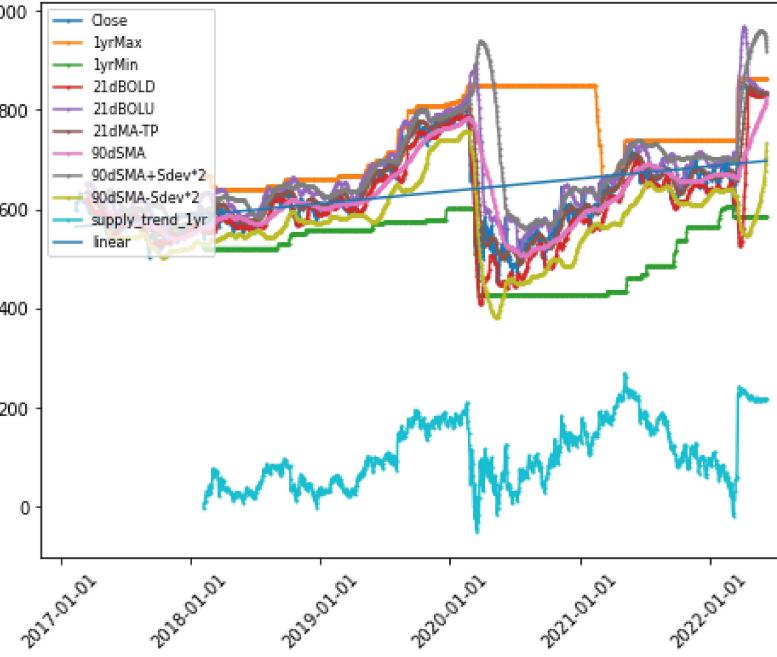
ets next 13 weeks



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5 ['options', ('2022-06-17', '2022-07-15', '2023-01-20', '2024-01-19', '2026-02-21')]
27
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2022-5
palmOil False
controversialWeapons False
gambling False
socialScore 9.82
nuclear False
furLeather False
alcoholic False
gmo False
catholic False
socialPercentile None
peerCount 66
governanceScore 8.14
environmentPercentile None
animalTesting True
tobacco False
totalEsg 36.46
highestControversy 3
esgPerformance OUT_PERF
coal False
pesticides False
adult False
percentile 81.8
peerGroup Oil & Gas Producers
smallArms False
environmentScore 18.51
governancePercentile None
militaryContract False]
Y
Index: SP400
Sector: Financial Services
supply trend: 1456858.6989409984

```



	beta	currentRatio	debtToEquity	earningsGrowth	ebitda	ebitdaMargins	forwardPE	freeCashflow	grossMargins	grossProfits	...	revenueGrowth	revenuePerShare	sector	sharesOutstanding	shortRatio	totalCash	totalCashPerShare	totalDebt	totalRevenue	trailingPE
Y	0.663839	1.597	31.5	-0.433	1620000000	0.13423	9.936376	90016496	0.44211	5101669000	...	0.025	878.577	Financial Services	13454900	2.32	2298860032	170.857	2822777088	12069126144	12.311554

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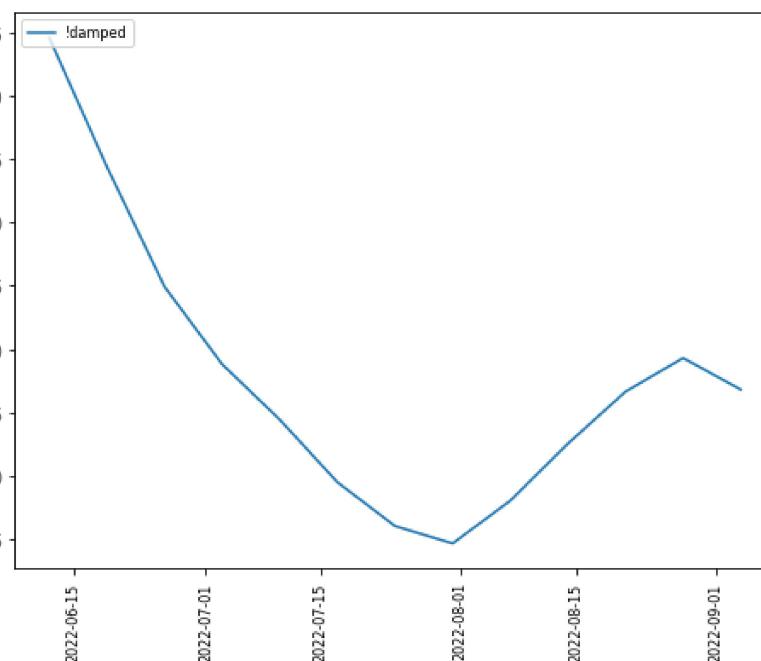
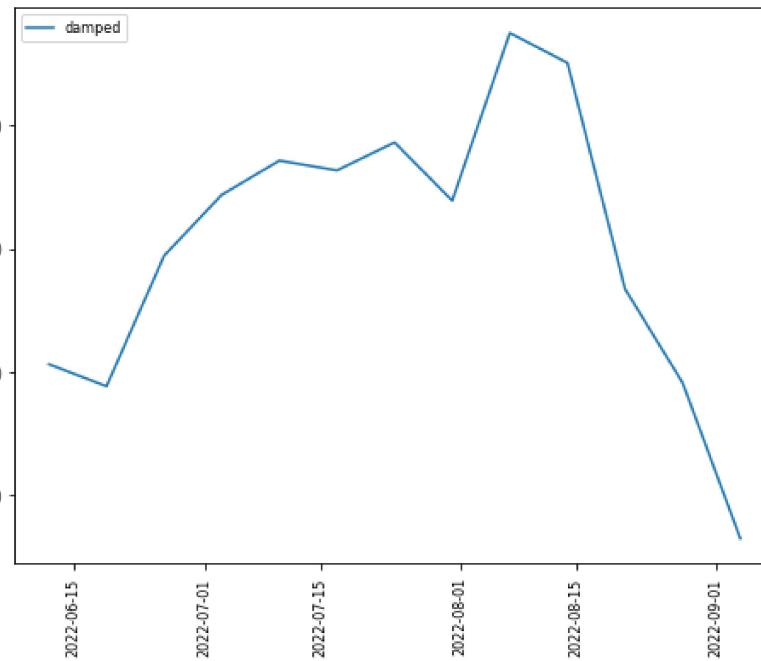
2022-06-10

21dBOLD 21dMA-TP 21dBOLU

2022-06-10 831.51432 833.616982 835.719644

volume_factor	latest_p	vol_30d_2yr	pct_2yr	adf	hurst	
Y	1.713893	834.109985	1456858.698941	0.928509	0.389055	0.457411

ets next 13 weeks



```
1 ['options', ('2022-07-15',)]
27
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2022-5
palmOil                  False
controversialWeapons      False
gambling                  False
socialScore                8.71
nuclear                   False
furLeather                False
alcoholic                 False
gmo                       False
catholic                  False
socialPercentile          None
peerCount                 96
governanceScore           11.77
environmentPercentile     None
animalTesting              False
tobacco                   False
totalEsg                  21.71
highestControversy        1
esgPerformance            AVG_PERF
coal                      False
pesticides                False
adult                     False
percentile                30.32
peerGroup                 Insurance
smallArms                 False
environmentScore          1.23
governancePercentile      None
militaryContract          False]
```