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APPENDIX

Appendix 1 Chi-Squared Table

Chi-Square Right-Tail Probability ($\geq \chi^2$)										
DF	0.995	0.99	0.975	0.95	0.9	0.1	0.05	0.025	0.01	0.005
1	---	---	0.001	0.004	0.016	2.706	3.841	5.024	6.635	7.879
2	0.010	0.020	0.051	0.103	0.211	4.605	5.991	7.378	9.210	10.597
3	0.072	0.115	0.216	0.352	0.584	6.251	7.815	9.348	11.345	12.838
4	0.207	0.297	0.484	0.711	1.064	7.779	9.488	11.143	13.277	14.860
5	0.412	0.554	0.831	1.145	1.610	9.236	11.070	12.833	15.086	16.750
6	0.676	0.872	1.237	1.635	2.204	10.645	12.592	14.449	16.812	18.548
7	0.989	1.239	1.690	2.167	2.833	12.017	14.067	16.013	18.475	20.278
8	1.344	1.646	2.180	2.733	3.490	13.362	15.507	17.535	20.090	21.955
9	1.735	2.088	2.700	3.325	4.168	14.684	16.919	19.023	21.666	23.589
10	2.156	2.558	3.247	3.940	4.865	15.987	18.307	20.483	23.209	25.188
11	2.603	3.053	3.816	4.575	5.578	17.275	19.675	21.920	24.725	26.757
12	3.074	3.571	4.404	5.226	6.304	18.549	21.026	23.337	26.217	28.300
13	3.565	4.107	5.009	5.892	7.042	19.812	22.362	24.736	27.688	29.819
14	4.075	4.660	5.629	6.571	7.790	21.064	23.685	26.119	29.141	31.319
15	4.601	5.229	6.262	7.261	8.547	22.307	24.996	27.488	30.578	32.801
16	5.142	5.812	6.908	7.962	9.312	23.542	26.296	28.845	32.000	34.267
17	5.697	6.408	7.564	8.672	10.085	24.769	27.587	30.191	33.409	35.718
18	6.265	7.015	8.231	9.390	10.865	25.989	28.869	31.526	34.805	37.156
19	6.844	7.633	8.907	10.117	11.651	27.204	30.144	32.852	36.191	38.582
20	7.434	8.260	9.591	10.851	12.443	28.412	31.410	34.170	37.566	39.997
21	8.034	8.897	10.283	11.591	13.240	29.615	32.671	35.479	38.932	41.401
22	8.643	9.542	10.982	12.338	14.041	30.813	33.924	36.781	40.289	42.796
23	9.260	10.196	11.689	13.091	14.848	32.007	35.172	38.076	41.638	44.181
24	9.886	10.856	12.401	13.848	15.659	33.196	36.415	39.364	42.980	45.559
25	10.520	11.524	13.120	14.611	16.473	34.382	37.652	40.646	44.314	46.928
26	11.160	12.198	13.844	15.379	17.292	35.563	38.885	41.923	45.642	48.290
27	11.808	12.879	14.573	16.151	18.114	36.741	40.113	43.195	46.963	49.645
28	12.461	13.565	15.308	16.928	18.939	37.916	41.337	44.461	48.278	50.993
29	13.121	14.256	16.047	17.708	19.768	39.087	42.557	45.722	49.588	52.336
30	13.787	14.953	16.791	18.493	20.599	40.256	43.773	46.979	50.892	53.672
40	20.707	22.164	24.433	26.509	29.051	51.805	55.758	59.342	63.691	66.766
50	27.991	29.707	32.357	34.764	37.689	63.167	67.505	71.420	76.154	79.490
60	35.534	37.485	40.482	43.188	46.459	74.397	79.082	83.298	88.379	91.952
70	43.275	45.442	48.758	51.739	55.329	85.527	90.531	95.023	100.425	104.215
80	51.172	53.540	57.153	60.391	64.278	96.578	101.879	106.629	112.329	116.321
90	59.196	61.754	65.647	69.126	73.291	107.565	113.145	118.136	124.116	128.299
100	67.328	70.065	74.222	77.929	82.358	118.498	124.342	129.561	135.807	140.169

Appendix 2 Digital Bank Stock Portfolio Return Calculation

DATE	RETURN				PORTFOLIO RETURN
	ARTO	BANK	BBYB	BBHI	
01/04/21					
05/04/21	0.01002506	0	-0.016129	-0.0669856	-0.0182724
06/04/21	0	-0.0150943	-0.0122951	-0.0461538	-0.0183858
07/04/21	-0.0024814	0.03448276	0.03319497	0.24731183	0.07812704
08/04/21	-0.0149254	0.00740741	0.05421691	0.25	0.07417474
09/04/21	0.01262626	0.0625	-0.0285714	0.02758621	0.01853526
12/04/21	0.06982544	0.05882353	-0.023118	-0.0536913	0.01295991
13/04/21	-0.016317	0.10130719	-0.0240963	0.03191489	0.02320218
14/04/21	0.03554502	0.06824926	0.03909464	-0.0687285	0.0185401
15/04/21	0.01144165	0.05833333	-0.0178218	-0.0664207	-0.0036169
16/04/21	0.01357466	-0.0052493	0.00403223	0.06324111	0.01889966
19/04/21	-0.0111607	-0.0501319	-0.0240963	0.05947955	-0.0064774
20/04/21	-0.0248307	-0.0138889	0	0.07368421	0.00874116
21/04/21	-0.0023148	0.04225352	0.0041152	-0.0065359	0.00937949
22/04/21	-0.0162413	0.00810811	-0.0040983	-0.0690789	-0.0203276
23/04/21	-0.0235849	-0.0321716	-0.0082305	-0.0671378	-0.0327812
26/04/21	-0.0386473	-0.0526316	-0.0082988	-0.0643939	-0.0409929
27/04/21	0.00753769	-0.0321637	-0.0125523	0.07692308	0.00993619
28/04/21	0.04488778	0.07250755	-0.0042373	-0.0338346	0.01983086
29/04/21	-0.0095465	0.03380282	0.00851065	-0.0116732	0.00527344
30/04/21	-0.0216867	-0.0681199	-0.0084388	0.02362205	-0.0186559
03/05/21	-0.0123153	0.01169591	-0.0212766	-0.0307692	-0.0131663
04/05/21	-0.0049875	-0.0375723	0.00434786	0.03571429	-0.0006244
05/05/21	-0.0050125	0.003003	0.00432897	0.02681992	0.00728484
06/05/21	0.02015113	0.00598802	-0.012931	0	0.00330204
07/05/21	-0.0024691	0.00297619	-0.0174673	-0.0223881	-0.0098371
10/05/21	0.03960396	-0.0089021	0	-0.019084	0.00290448
11/05/21	0	-0.0179641	-0.0044444	0.0077821	-0.0036566
17/05/21	0.01904762	-0.054878	-0.0089286	-0.0694981	-0.0285643
18/05/21	-0.0116822	0.03548387	0.00900902	-0.06639	-0.0083948
19/05/21	-0.035461	-0.0342679	-0.0044643	-0.0533333	-0.0318816
20/05/21	0	0	-0.0044843	-0.0234742	-0.0069896
21/05/21	-0.0122549	0	0.00900902	0.25	0.06168853
24/05/21	0.05707196	0.03548387	0	0.05384615	0.0366005
25/05/21	0.09624413	0.00934579	-0.0089286	-0.0474453	0.01230402
27/05/21	0.06852248	0.01234568	0	0.00383142	0.0211749
28/05/21	-0.0260521	-0.0182927	0.02252251	0	-0.0054556
31/05/21	0	-0.0124224	0.03524226	0.03816794	0.01524696
02/06/21	0.00205761	-0.009434	0	-0.0294118	-0.009197
03/06/21	-0.026694	-0.0095238	-0.0510638	-0.0075758	-0.0237144
04/06/21	0.0021097	-0.025641	-0.0089686	-0.0152672	-0.0119418
07/06/21	0.03578947	0.03289474	-0.0361991	0.04651163	0.01974919
08/06/21	-0.0203252	-0.0573248	-0.0140845	0.06296296	-0.0071929

09/06/21	0.04564315	-0.0202703	0.00952375	0.08013937	0.028759
10/06/21	0.02380952	0.02413793	0.24322849	0.2483871	0.13489076
11/06/21	0.00775194	0.01346801	-0.0666667	0.02842377	-0.0042557
14/06/21	-0.0038462	-0.0265781	-0.0378151	-0.0201005	-0.022085
15/06/21	-0.0019305	0.02047782	-0.0480349	-0.0692308	-0.0246796
16/06/21	0.08317215	-0.006689	0.03669725	-0.0688705	0.01107748
17/06/21	0.00535714	0.01683502	-0.0265487	0.0591716	0.01370377
18/06/21	0	-0.013245	-0.0363636	0.05027933	0.00016767
21/06/21	0.0053286	-0.0067114	-0.004717	0.25	0.06097505
22/06/21	0.04946996	0.10472973	0	-0.012766	0.03535843
23/06/21	-0.0690236	0.05504587	0	0.12068966	0.02667799
24/06/21	0.00361664	-0.0405797	-0.0663507	0.25	0.03667155
25/06/21	-0.0216216	-0.0181269	-0.0253807	-0.6326674	-0.1744492
28/06/21	-0.0092081	-0.0307692	0.08854167	-0.0685358	-0.0049929
29/06/21	0.0204461	-0.0253968	-0.0478469	-0.0668896	-0.0299218
30/06/21	-0.007286	0.04560261	0.03015075	0.15770609	0.05654337
01/07/21	-0.0073394	-0.0155763	-0.0341463	-0.0216719	-0.0196835
02/07/21	-0.0221811	0.01265823	0	0.09493673	0.02135345
05/07/21	0.08884688	0.06875	0.02020202	0.24855491	0.10658845
06/07/21	-0.0121528	0.06725146	0.04455446	0.15740744	0.06426515
07/07/21	-0.0210896	-0.030137	0.13270142	-0.068	0.00336871
08/07/21	0.005386	-0.0112994	0.16108787	0.00214593	0.03933009
09/07/21	-0.0071429	-0.0057143	0.05405405	0.24365258	0.07121237
12/07/21	0.04856115	0.00574713	0.06837607	0.25	0.09317109
13/07/21	-0.0274443	-0.0571429	-0.056	0.19259259	0.01300137
14/07/21	0.02645503	0	-0.0508475	-0.068323	-0.0231789
15/07/21	0.03780069	0	0.10714286	-0.07	0.01873589
16/07/21	0.05298013	-0.0151515	0.02419355	-0.0250896	0.00923314
19/07/21	-0.0377358	-0.0153846	0	-0.0477941	-0.0252286
21/07/21	-0.0147059	0.00625	-0.0314961	0.07722008	0.00931703
22/07/21	0.05306799	0.00310559	-0.0243902	-0.046595	-0.0037029
23/07/21	0.02992126	-0.006192	-0.0416667	-0.0150376	-0.0082437
26/07/21	0.02905199	0.01557632	-0.0695652	0.04198473	0.00426196
27/07/21	0.03417533	0.00613497	0	-0.003663	0.00916182
28/07/21	0.04597701	0.02743902	0.01869159	0	0.02302691
29/07/21	0.00961538	0.02373887	0.23853211	-0.0036765	0.06705247
30/07/21	-0.0231293	-0.026087	0.24444444	0.00369004	0.04972957
02/08/21	-0.0292479	0.02083333	-0.0357143	-0.0110294	-0.0137896
03/08/21	-0.025825	-0.0116618	0.19753086	0.00371747	0.04094039
04/08/21	0.00147275	-0.0117994	0.24742268	0.14814815	0.09631104
05/08/21	-0.0397059	0	0.24793388	-0.0516129	0.03915377
06/08/21	0.02909648	0.05970149	0.05960265	-0.0102041	0.03454913
09/08/21	-0.0372024	0.08169014	-0.015625	-0.0549828	-0.00653
10/08/21	-0.0108192	-0.0078125	-0.0698413	-0.0690909	-0.039391
12/08/21	0.04375	-0.0288714	0.09897611	-0.0117188	0.02553399
13/08/21	-0.0284431	-0.0135135	0.01863354	-0.0118577	-0.0087952
16/08/21	-0.0292758	0.02191781	-0.0670732	-0.06	-0.0336078
18/08/21	0.06666667	0.00536193	-0.0686275	-0.0680851	-0.016171

19/08/21	-0.047619	-0.0133333	-0.0666667	-0.0456621	-0.0433203
20/08/21	0	0.00540541	0.0112782	0.0861244	0.025702
23/08/21	0.0296875	-0.0107527	0.24907063	0.02202643	0.07250797
24/08/21	-0.016692	-0.0190217	0.08928571	0.01293103	0.01662576
25/08/21	0.01851852	-0.0055402	0	-0.0042553	0.00218076
26/08/21	-0.0409091	-0.0389972	-0.068306	-0.017094	-0.0413266
27/08/21	-0.0189573	-0.0376812	-0.0674487	-0.0304348	-0.0386305
30/08/21	0.01288245	0.02108434	0.02515723	-0.0089686	0.01253885
31/08/21	-0.0349762	-0.0117994	-0.0674847	0.01809955	-0.0240402
01/09/21	-0.0444811	-0.038806	0.03947368	-0.0133333	-0.0142867
02/09/21	-0.0310345	-0.0341615	-0.0094937	-0.0225225	-0.024303
03/09/21	0.04270463	0.03858521	-0.0670927	0.00921659	0.00585344
06/09/21	-0.0153584	-0.0340557	-0.0136986	-0.0045662	-0.0169197
07/09/21	-0.0155979	0.00320513	0.00347222	-0.0091743	-0.0045237
08/09/21	-0.0158451	-0.0223642	-0.0484429	-0.0185185	-0.0262927
09/09/21	0.00178891	0.00980392	-0.0363636	0.07075472	0.01149598
10/09/21	0.05892857	0.01618123	0.12075472	0.24669604	0.11064014
13/09/21	0.00674536	0.01273885	0.05387205	0.24734982	0.08017652
14/09/21	0.00167504	0.00628931	-0.0383387	0.05382436	0.00586251
15/09/21	-0.0167224	-0.0125	-0.0332226	-0.0672043	-0.0324123
16/09/21	0.00680272	0.02848101	0.02061856	0.04322767	0.02478249
17/09/21	0.07094595	-0.0092308	0.05723906	-0.0055249	0.02835734
20/09/21	0.02050473	-0.0310559	-0.0318471	-0.0138889	-0.0140718
21/09/21	-0.0293663	-0.0096154	-0.0131579	-0.0140845	-0.016556
22/09/21	0.03821656	-0.0032362	0	0.07142857	0.02660222
23/09/21	0.02300613	0.01623377	-0.0266667	0.02666667	0.00980998
24/09/21	-0.0434783	-0.0127796	0.00342466	0.04155844	-0.0028187
27/09/21	-0.0031348	-0.0064725	-0.003413	-0.0349127	-0.0119832
28/09/21	-0.0503145	-0.0228013	-0.0650685	-0.0413437	-0.044882
29/09/21	-0.0099338	-0.02	0.06227106	0.01617251	0.01212745
30/09/21	0.01003344	0.00340136	-0.0482759	-0.005305	-0.0100365
01/10/21	-0.0016556	0	0.01449275	0.00533333	0.00454261
04/10/21	-0.0381426	-0.0237288	-0.0178571	-0.0291777	-0.0272266
05/10/21	-0.0465517	-0.0486111	0.00727273	-0.0218579	-0.027437
06/10/21	-0.0162749	0.01824818	0.08303249	0.02513966	0.02753637
07/10/21	-0.0349265	0	-0.0333333	0.04087193	-0.006847
08/10/21	-0.0152381	-0.0035842	-0.0137931	-0.0052356	-0.0094628
11/10/21	-0.0444874	-0.0539568	-0.0699301	-0.0131579	-0.0453831
12/10/21	0.02834008	-0.0114068	-0.0639098	0.12266667	0.01892253
13/10/21	-0.0354331	-0.0692308	-0.0682731	0.01187648	-0.0402651
14/10/21	0.01020408	-0.0371901	0.06896552	0.15023474	0.04805356
15/10/21	0.06060606	0.01287554	-0.0120968	0	0.01534621
18/10/21	0.02285714	0.00423729	0.10612245	-0.0632653	0.01748789
19/10/21	0.02979516	-0.0084388	-0.0221402	0.05228758	0.01287593
21/10/21	0.06690778	-0.0425532	0.03396226	0.24741201	0.07643221
22/10/21	0.01016949	0.02666667	0.02554745	-0.06639	-0.0010016

25/10/21	0.00167785	0.1038961	0.06049822	0.03555556	0.05040693
26/10/21	0.01675042	-0.0313725	-0.0067114	0.04291845	0.00539623
27/10/21	-0.0230643	0	-0.0608108	-0.0164609	-0.025084
28/10/21	0.00168634	0.00809717	0.01438849	-0.0041841	0.00499697
29/10/21	0.04377104	0.00401606	0	0.00840336	0.01404762
01/11/21	-0.0322581	-0.02	0.0212766	-0.0166667	-0.011912
02/11/21	0.02	0.0122449	-0.03125	0.00847458	0.00236737
03/11/21	0.00653595	-0.0120968	0.00716846	0.09663866	0.02456157
04/11/21	-0.012987	-0.0040816	0.05338078	0.07279693	0.02727727
05/11/21	-0.0016447	-0.0040984	-0.0168919	-0.0142857	-0.0092302
08/11/21	0.05601318	0.04115226	0.07216495	0.10144928	0.06769492
09/11/21	0.04368175	-0.0197628	-0.0320513	0.00328947	-0.0012107
10/11/21	-0.0179372	-0.0282258	-0.0099338	-0.0098361	-0.0164832
11/11/21	-0.0091324	0.01659751	0.02006689	0.00993377	0.00936644
12/11/21	-0.047619	0.11020408	0.00655738	0	0.0172856
15/11/21	0.00806452	0.01838235	0.20846906	0.01639344	0.06282734
16/11/21	0.0128	0	0.11051213	0.01612903	0.03486029
17/11/21	-0.0015798	0.00361011	-0.0097087	0.01269841	0.001255
18/11/21	-0.0221519	-0.057554	0.09803922	-0.0188088	-0.0001189
19/11/21	0.00323625	-0.019084	-0.0267857	0.02555911	-0.0042686
22/11/21	0	0.06614786	-0.0137615	-0.0186916	0.0084237
23/11/21	-0.0516129	-0.0255474	-0.0186047	-0.0698413	-0.0414016
24/11/21	0.03401361	0.00749064	0	-0.0511945	-0.0024226
25/11/21	0	0.0260223	0.0521327	-0.057554	0.00515026
26/11/21	-0.0296053	-0.0471014	-0.0225225	-0.019084	-0.0295783
29/11/21	0.04237288	0.03802281	0.08294931	0.05836576	0.05542769
30/11/21	0.02926829	0.02564103	-0.0297872	0.01470588	0.00995699
01/12/21	-0.0173776	-0.0678571	0.01315789	0.00724638	-0.0162076
02/12/21	-0.0064309	0.00766284	-0.0692641	-0.0179856	-0.0215044
03/12/21	-0.012945	-0.0570342	0.02325581	-0.018315	-0.0162596
06/12/21	0.00983607	-0.0241935	0.25	0.03731343	0.06823899
07/12/21	-0.0194805	0.06198347	-0.0181818	0.10791367	0.0330587
08/12/21	0.03145695	-0.0350195	-0.0407407	-0.0032468	-0.0118875
09/12/21	0.00963082	0.00403226	0.01158301	0	0.00631152
10/12/21	0.01430843	-0.0200803	-0.0114504	0.03908795	0.00546642
13/12/21	-0.0109718	0.00409836	0	-0.0125392	-0.0048532
14/12/21	-0.0269414	-0.0122449	0.01544402	-0.0634921	-0.0218086
15/12/21	0.01791531	0.00826446	-0.0114068	-0.0576271	-0.0107135
16/12/21	0.0352	-0.0163934	0	0.03956835	0.01459373
17/12/21	-0.0170015	0.0375	0.03846154	0	0.01474
20/12/21	-0.0078616	-0.0040161	-0.0259259	-0.0519031	-0.0224267
21/12/21	0	-0.0040323	0	0.02189781	0.00446639
22/12/21	0.04437401	0.00404858	0.0608365	-0.0178571	0.02285049
23/12/21	0.07132018	-0.0282258	-0.0215054	-0.0290909	-0.0018755
24/12/21	-0.0226629	-0.0041494	0.02564103	0.03745318	0.00907049
27/12/21	-0.0246377	0	-0.0285714	0	-0.0133023
28/12/21	0.01783061	-0.0083333	0.00735294	-0.4284739	-0.1029059
29/12/21	0	-0.012605	-0.0109489	-0.0070671	-0.0076553

30/12/21	-0.0656934	-0.0255319	-0.0295203	0.00711744	-0.0284071
03/01/22	0.0828125	0.03056769	-0.0228137	0.11660773	0.05179356
04/01/22	0.004329	0.06779661	-0.0233463	0.1139241	0.04067585
05/01/22	0.02155172	-0.015873	-0.059761	0.10227267	0.01204761
06/01/22	0.04360056	-0.0322581	0.03389831	0.00515469	0.01259887
07/01/22	0.01347709	-0.0333333	-0.0368852	0.04102566	-0.003929
10/01/22	0.00797872	0.00431034	0.01276596	0.19760458	0.0556649
11/01/22	-0.0329815	-0.0257511	-0.0672269	0.07352941	-0.0131075
12/01/22	-0.0259209	-0.0572687	0.02252252	-0.0684932	-0.0322901
13/01/22	-0.0266106	-0.0327103	0.07488987	-0.0477941	-0.0080563
14/01/22	0.06906475	0.00966184	-0.0614754	-0.0694981	-0.0130617
17/01/22	0.00403769	0.00478469	0	-0.06639	-0.0143919
18/01/22	0.01206434	0.04761905	-0.0262009	0.04444444	0.01948174
19/01/22	0.00529801	0.00909091	-0.0538117	-0.0212766	-0.0151748
20/01/22	-0.0171278	0.0045045	-0.0047393	-0.0391304	-0.0141233
21/01/22	0.01876676	0.03587444	0.0047619	0.1040724	0.04086887
24/01/22	-0.0342105	-0.04329	-0.0687204	-0.0286885	-0.0437274
25/01/22	-0.0694823	0	-0.0687023	-0.0464135	-0.0461495
26/01/22	-0.0688141	0.00452489	-0.0163934	0.00884956	-0.0179583
27/01/22	0	-0.0135135	-0.0083333	-0.0087719	-0.0076547
28/01/22	0.01100629	-0.0045662	0.07563025	-0.0176991	0.0160928
31/01/22	0.02021773	0.01376147	0.00520833	0.00900901	0.01204913
02/02/22	0.05487805	0.06334842	0.0984456	0.02678571	0.06086444
03/02/22	-0.0404624	-0.012766	-0.009434	-0.0217391	-0.0211004
04/02/22	0.0060241	-0.012931	0.01428571	-0.0044444	0.00073358
07/02/22	-0.011976	-0.0131004	-0.0140845	-0.0178571	-0.0142545
08/02/22	-0.0015152	-0.0044248	0.00952381	0.01363636	0.00430506
09/02/22	-0.0197269	0.02222222	0.00943396	-0.0089686	0.00074018
10/02/22	-0.0650155	0.04782609	0.05607477	0.02262443	0.01537745
11/02/22	-0.0099338	-0.0165975	0.01327434	0	-0.0033142
14/02/22	-0.0535117	-0.0337553	-0.069869	-0.0176991	-0.0437088
15/02/22	0.01943463	-0.0131004	0.01408451	0	0.00510467
16/02/22	0.04506066	0.02212389	0	-0.0045045	0.01567001
17/02/22	0.00829187	-0.021645	0.06481481	-0.0045249	0.0117342
18/02/22	0.01644737	0.00442478	-0.0217391	0.05909091	0.01455598
21/02/22	0.03559871	0.01321586	0.08444444	-0.0128755	0.03009587
22/02/22	0.0109375	-0.0478261	-0.0163934	-0.0304348	-0.0209292
23/02/22	-0.0139104	-0.0136986	0.02083333	0.02242152	0.00391147
24/02/22	-0.0423197	-0.0046296	-0.0693878	-0.0657895	-0.0455317
25/02/22	0.0589198	0.04651163	0.02631579	0.02347418	0.03880535
01/03/22	0.02009274	0.00888889	0	0.02752294	0.01412614
02/03/22	-0.0454545	-0.0044053	-0.0598291	-0.0044643	-0.0285383
04/03/22	0.0015873	0.02654867	-0.0454545	-0.0134529	-0.0076929
07/03/22	0	-0.0689655	-0.0333333	-0.0363636	-0.0346656
08/03/22	-0.0491284	-0.0231481	-0.0369458	-0.0330189	-0.0355603
09/03/22	-0.0033333	0.02369668	0.01278772	-0.0195122	0.00340972
10/03/22	0.05518395	-0.0046296	0.03535354	-0.0049751	0.02023318
11/03/22	-0.0110935	0.01860465	0.05365854	-0.004	0.01429242

14/03/22	-0.0128205	0.00456621	-0.0092593	-0.0080321	-0.0063864
15/03/22	-0.025974	0.00454545	-0.0373832	0.00809717	-0.0126786
16/03/22	0.04333333	0.00904977	0.07281553	0.05421687	0.04485388
17/03/22	-0.0063898	-0.0044843	0.00904977	-0.0190476	-0.005218
18/03/22	-0.0016077	-0.0405405	-0.0134529	0.05339806	-0.0005508
21/03/22	0	-0.0093897	-0.0136364	-0.0092166	-0.0080607
22/03/22	-0.0289855	-0.0047393	0.03225806	0	-0.0003667
23/03/22	-0.0381426	0	0	-0.0372093	-0.018838
24/03/22	0.02241379	0.00952381	0.00892857	-0.0144928	0.00659336
25/03/22	-0.0320405	-0.004717	-0.0265487	0.01960784	-0.0109246
28/03/22	-0.0052265	-0.0047393	-0.0090909	0.01923077	4.3511E-05
29/03/22	-0.0210158	0.01904762	0.00458716	0.04245283	0.01126796
30/03/22	0.03398927	0	0.03196347	0.04524887	0.0278004
31/03/22	0.01384083	0.01401869	-0.0132743	0	0.0036463
01/04/22	-0.0426621	-0.0230415	-0.0179372	-0.017316	-0.0252392
04/04/22	-0.0160428	0.05188679	-0.0365297	-0.030837	-0.0078807
05/04/22	-0.0362319	0.01793722	-0.0047393	0.03181818	0.00219605
06/04/22	-0.0263158	0.10572687	-0.0666667	-0.030837	-0.0045231
07/04/22	0.04633205	-0.0677291	-0.0153061	0.09545455	0.01468785
08/04/22	0.01476015	-0.0299145	-0.0362694	-0.0041494	-0.0138933
11/04/22	-0.0509091	-0.0528634	-0.0107527	-0.05	-0.0411313
12/04/22	0.01915709	0	0.0326087	0.03508772	0.02171338
13/04/22	-0.0225564	0.00465116	-0.0105263	-0.0042373	-0.0081672
14/04/22	0	-0.0092593	0.04521277	0.01702128	0.0132437
18/04/22	-0.0134615	-0.0186916	-0.0127226	-0.0125523	-0.014357
19/04/22	-0.0194932	0	-0.0231959	0.00847458	-0.0085536
20/04/22	-0.0139165	0	0.00263852	0.06722689	0.01398723
21/04/22	0.00201613	0.00952381	-0.0052632	-0.007874	-0.0003993
22/04/22	-0.0020121	-0.0235849	-0.015873	0	-0.0103675
25/04/22	-0.0100806	-0.0193237	0	0.03174603	0.00058543
26/04/22	0.0101833	-0.0147783	-0.0698925	-0.0115385	-0.0215065
27/04/22	-0.0443548	0.005	-0.0578035	-0.0116732	-0.0272079
28/04/22	-0.0168776	0.00497512	0.02760736	0.02362205	0.00983172
09/05/22	-0.0686695	-0.1330278	-0.0686567	-0.0692308	-0.0848962
10/05/22	-0.0691244	-0.0126904	-0.0673077	-0.0082645	-0.0393467
11/05/22	-0.0693069	0.01028278	-0.0687285	0.01666667	-0.0277715
12/05/22	-0.0691489	-0.0585242	-0.0664207	0	-0.0485234
13/05/22	-0.0685714	-0.0648648	-0.0158103	-0.0696721	-0.0547297
17/05/22	-0.0674847	0.0115607	0.02409639	-0.0660793	-0.0244767
18/05/22	-0.0690789	0.08953531	0	-0.0679245	-0.011867
19/05/22	0.19787986	0.1179941	0.0627451	0.01720648	0.09895638
20/05/22	-0.0117994	0.03430079	0.02583026	0.00497512	0.01332669
23/05/22	-0.0686567	-0.0102041	-0.0431655	-0.0435644	-0.0413977
24/05/22	0.01282051	0.00515464	0.03007519	0	0.01201258
25/05/22	-0.028481	-0.0205128	-0.0036496	-0.0124224	-0.0162665
27/05/22	0.14332248	0.01832461	0.01831502	0.00419287	0.04603874
30/05/22	0.03988604	0.02056555	-0.0323741	-0.0292276	-0.0002875
31/05/22	0.02739726	-0.0151134	0.10037175	-0.0537634	0.01472305

02/06/22	-0.0453333	0.03324808	-0.0675676	0.01136364	-0.0170723
03/06/22	0.00558659	0	-0.0615942	-0.011236	-0.0168109
06/06/22	-0.0555556	0.0049505	-0.034749	-0.0681818	-0.038384
07/06/22	-0.0352941	-0.0295567	0.004	-0.0682927	-0.0322859
08/06/22	0.03963415	0	0.08366534	0.0078534	0.03278822
09/06/22	0.04398827	0.01522843	0.04779412	0.02337662	0.03259686
10/06/22	-0.0224719	-0.0125	-0.0210526	-0.0685279	-0.0311381
13/06/22	-0.0287356	-0.0025316	-0.0681004	-0.0681199	-0.0418719
14/06/22	0.07692308	-0.0101523	-0.0692308	-0.0643275	-0.0166969
15/06/22	0	0.00512821	-0.0619835	0.15625	0.02484868
16/06/22	0.07967033	0.01530612	-0.0352423	0.01351351	0.01831192
17/06/22	-0.0330789	-0.0100503	0.03652968	0.04266667	0.0090168
20/06/22	0.01052632	-0.0050761	-0.061674	0.00511509	-0.0127772
21/06/22	-0.015625	0.02040816	0.03286385	0.00508906	0.01068402
22/06/22	-0.021164	-0.015	-0.0136364	-0.0177215	-0.0168805
23/06/22	-0.0243243	0.00253807	-0.0092166	0	-0.0077507
24/06/22	-0.0027701	0.01265823	0.02325581	0.01030928	0.01086331
27/06/22	0.02222222	0.045	0	0.03571429	0.02573413
28/06/22	0.01358696	-0.0574163	-0.05	-0.0147783	-0.0271519
29/06/22	0.0080429	-0.0279188	-0.0382775	-0.01	-0.0170383
30/06/22	-0.0265957	0	-0.0199005	-0.040404	-0.0217251
01/07/22	-0.068306	0.03655352	0.02538071	-0.0526316	-0.0147508
04/07/22	-0.0674487	-0.0428212	-0.0643564	0.00555556	-0.0422677
05/07/22	-0.0534591	0.01052632	0.04761905	0.00276243	0.00186217
06/07/22	0.03654485	0.00520833	0	-0.0027548	0.00974959
07/07/22	0.09294872	0	0.04040404	-0.0055249	0.03195697
08/07/22	0.07331378	-0.0103627	0.1407767	0.01944444	0.05579306
11/07/22	0.00546448	0.0078534	0.05106383	0	0.01609543
12/07/22	-0.0516304	0	-0.0040486	-0.027248	-0.0207317
13/07/22	0.05444126	0	-0.0487805	-0.0392157	-0.0083887
14/07/22	-0.0570652	-0.0155844	0.01282051	0.0058309	-0.0134996
15/07/22	0.04610951	0.01319261	0.092827	-0.0115942	0.03513373
18/07/22	0.0523416	-0.0026042	0.04247104	0.0058651	0.02451839
19/07/22	0.01570681	0.00261097	0.01481481	0.00874636	0.01046974
20/07/22	0.02835052	0.01302083	-0.0072993	0.00578035	0.00996311
21/07/22	-0.0325815	-0.0025707	-0.0257353	0.01149425	-0.0123483
22/07/22	0.00259067	-0.0128866	0	0.00284091	-0.0018638
25/07/22	0.0129199	-0.002611	-0.045283	-0.0113314	-0.0115764
26/07/22	0.06122449	-0.0418848	-0.0118577	-0.0114613	-0.0009948
27/07/22	-0.0480769	0.0273224	-0.012	-0.0289855	-0.015435
28/07/22	0.09848485	0	0.10121457	0.05970149	0.06485023
29/07/22	-0.0275862	0.04255319	-0.0294118	-0.0056338	-0.0050196
01/08/22	0.01182033	0.02040816	0.02651515	0.03966006	0.02460093
02/08/22	-0.0070093	-0.0075	-0.0147601	-0.0217984	-0.012767
03/08/22	0.03529412	-0.0251889	0.09737828	0.00835655	0.02896001
04/08/22	0	-0.0516796	-0.0136519	0	-0.0163329
05/08/22	-0.0022727	0.00817439	0.01384083	0.06353591	0.0208196
08/08/22	-0.0159453	0.00540541	0.03071672	-0.0103896	0.0024468

09/08/22	0.00231481	-0.0053763	-0.0231788	-0.0104987	-0.0091848
10/08/22	0.01385681	-0.0108108	-0.0305085	-0.0079576	-0.008855
11/08/22	-0.0182232	0.00546448	0.05944056	0.01871658	0.0163496
12/08/22	-0.0533643	-0.013587	0.01320132	-0.0104987	-0.0160621
15/08/22	-0.0220588	0.00826446	-0.0553746	-0.0371353	-0.0265761
16/08/22	-0.0250627	0.01092896	-0.0689655	-0.0275482	-0.0276619
18/08/22	-0.0257069	-0.0351351	0	-0.0028329	-0.0159187
19/08/22	0.00791557	0.00280112	-0.0148148	0.00852273	0.00110615
22/08/22	-0.0497382	-0.0195531	-0.0526316	-0.0197183	-0.0354103
23/08/22	-0.0082645	-0.014245	-0.047619	0.01149425	-0.0146586
24/08/22	-0.0222222	0.00578035	0.0125	0.00568182	0.00043499
25/08/22	-0.0113636	-0.0057471	0.02469136	-0.0112994	-0.0009297
26/08/22	0.00862069	0.00289017	-0.0120482	-0.0142857	-0.0037058
29/08/22	-0.0626781	-0.0057637	-0.0365854	-0.0405797	-0.0364017
30/08/22	-0.006079	-0.0028986	0.02953586	0.02719033	0.01193715
31/08/22	0.03058104	-0.0203488	0.00409836	-0.0117647	0.00064146
01/09/22	-0.0207715	0.00296736	-0.0285714	-0.0029762	-0.0123379
02/09/22	0.00606061	0.02071006	-0.0084034	-0.0149254	0.00086048
05/09/22	-0.0150602	0	0.01694915	-0.0151515	-0.0033157
06/09/22	0	0.00869565	-0.0041667	-0.0123077	-0.0019447
07/09/22	-0.0428135	0.00287356	-0.0376569	-0.0031153	-0.020178
08/09/22	0.00958466	0.00859599	0.0173913	-0.01875	0.00420549
09/09/22	-0.0094937	-0.0426136	-0.0683761	-0.0350318	-0.0388788
12/09/22	-0.0191693	-0.0178042	-0.0137615	0	-0.0126837
13/09/22	0.04885993	-0.0030211	0.06046512	0.02310231	0.03235155
14/09/22	-0.0465839	0.00606061	-0.0175439	0	-0.0145168
15/09/22	-0.009772	0.05120482	-0.0267857	-0.0225806	-0.0019834
16/09/22	-0.0460526	-0.0601719	-0.0183486	-0.0561056	-0.0451697
19/09/22	0.03103448	-0.0182927	-0.0233645	-0.0699301	-0.0201382
20/09/22	-0.0133779	-0.0124224	0.00478469	-0.0676692	-0.0221712
21/09/22	0.02372881	-0.0157233	-0.0190476	-0.0443548	-0.0138492
22/09/22	-0.0165563	0.03833866	0.00485437	0	0.00665918
23/09/22	-0.026936	0.02153846	0	0.03797468	0.00814428
26/09/22	-0.0069204	0.02409639	-0.0483092	-0.0569106	-0.0220109
27/09/22	-0.0243902	-0.0529412	0.03553299	-0.012931	-0.0136824
28/09/22	0	-0.0062112	-0.0343137	-0.0131004	-0.0134063
29/09/22	-0.0428571	-0.0125	-0.0406091	0	-0.0239916
30/09/22	-0.0149254	0.07911392	-0.0634921	-0.0663717	-0.0164188
03/10/22	-0.0151515	-0.0293255	0.03389831	-0.0521327	-0.0156779
04/10/22	0.02692308	-0.0181269	0.03825137	0.02	0.01676189
05/10/22	0.02247191	0.00307692	0.00526316	0.03431373	0.01628143
06/10/22	0.01831502	-0.0030675	-0.0104712	0	0.00119408
07/10/22	-0.0251799	0.01846154	-0.005291	-0.0236967	-0.0089265
10/10/22	-0.0405904	0	-0.0531915	-0.0315534	-0.0313338
11/10/22	-0.0653846	0.00906344	-0.011236	-0.0225564	-0.0225284
12/10/22	-0.0452675	0.02994012	-0.0284091	-0.025641	-0.0173444
13/10/22	-0.0689655	-0.0668605	-0.0643275	-0.0526316	-0.0631963
14/10/22	-0.0694444	-0.0560748	-0.0625	-0.0694444	-0.0643659

17/10/22	-0.0686567	-0.0660066	-0.0266667	-0.0686567	-0.0574967
18/10/22	0.04700855	-0.0671378	0.13013699	0.25	0.09000193
19/10/22	0.12755102	0.01136364	-0.030303	0.14871795	0.06433239
20/10/22	-0.0226244	-0.0524345	-0.01875	0.01339286	-0.020104
21/10/22	0.00462963	-0.027668	0	0	-0.0057596
24/10/22	0.01382488	0.02845528	0.24840764	0.11894273	0.10240764
25/10/22	0	0.03162055	-0.0102041	-0.0433071	-0.0054727
26/10/22	-0.0681818	-0.0383142	-0.0412371	-0.0617284	-0.0523654
27/10/22	-0.0243902	0.00398406	0.01612903	0.00877193	0.0011237
28/10/22	-0.036	-0.015873	-0.0687831	0.02173913	-0.0247292
31/10/22	0.05809129	0.06451613	0.01136364	-0.0212766	0.02817361
01/11/22	-0.0490196	-0.0530303	-0.0674157	-0.0695652	-0.0597577
02/11/22	-0.0061856	-0.02	-0.0301205	-0.0046729	-0.0152447
03/11/22	0	0.1755102	0.02484472	0	0.05008873
04/11/22	-0.0207469	-0.0208333	0.00606061	0.02347418	-0.0030114
07/11/22	0.08050847	0	0.01204819	0.09633028	0.04722174
08/11/22	-0.0313725	-0.0319149	-0.0238095	-0.0334728	-0.0301424
09/11/22	-0.0182186	0.02564103	0.08536585	0.03896104	0.03293732
10/11/22	-0.0618557	0.07142857	-0.0280899	-0.0166667	-0.0087959
11/11/22	0.24725275	0.06666667	0.05780347	0.04237288	0.10352394
14/11/22	0.00881057	-0.065625	-0.0815708	-0.0203252	-0.0396776
15/11/22	0.03056769	0.00334448	0.02222217	0.00829876	0.01610827
16/11/22	0.05932203	-0.05	-0.0217391	0.00411523	-0.0020755
17/11/22	-0.036	0.11578947	0.0555555	-0.0081967	0.03178706
18/11/22	0.01659751	-0.0408805	-0.0157895	-0.0206612	-0.0151834
21/11/22	-0.0693878	-0.0491803	0.00224106	0.00421941	-0.0280269
22/11/22	-0.0657895	-0.0448276	-0.0057143	-0.012605	-0.0322341
23/11/22	-0.0093897	-0.0180505	0.08045977	-0.0085106	0.01112723
24/11/22	-0.0189573	0.11397059	-0.0265957	-0.0171674	0.01281253
25/11/22	-0.0144928	-0.009901	-0.0655738	-0.0655022	-0.0388674
28/11/22	-0.054902	-0.0033333	-0.0643275	0.0046729	-0.0294725
29/11/22	-0.026971	-0.0568562	-0.025	-0.0046512	-0.0283696
30/11/22	-0.021322	0.0106383	-0.0576923	-0.0373832	-0.0264398
01/12/22	-0.0174292	-0.0491228	0.08843537	0	0.00547084
02/12/22	-0.0687361	0.00369004	-0.00625	-0.0097087	-0.0202512
05/12/22	-0.0595238	0.03676471	-0.0691824	-0.0416667	-0.033402
06/12/22	0.02531646	-0.0319149	-0.0337838	-0.0383632	-0.0196863
07/12/22	-0.017284	-0.021978	-0.041958	0	-0.020305
08/12/22	-0.0477387	0.01872659	0.00729927	-0.0212766	-0.0107474
09/12/22	-0.0686016	0.04044118	-0.0144928	-0.0054348	-0.012022
12/12/22	-0.0651558	0.01060071	-0.0073529	-0.0273224	-0.0223076
13/12/22	0.24848485	0.02097902	0.05185185	0.12359551	0.11122781
14/12/22	-0.0145631	-0.0068493	-0.0070423	-0.0475	-0.0189887
15/12/22	-0.0049261	-0.0689655	0.06382979	-0.0052493	-0.0038278
16/12/22	0.0049505	0.05185185	-0.02	-0.0079156	0.00722169
19/12/22	-0.0541872	0	-0.0272109	-0.0265957	-0.0269985
20/12/22	-0.0546875	-0.0070423	-0.0699301	-0.0300546	-0.0404286
21/12/22	0.0137741	0.0106383	-0.0601504	0.0084507	-0.0068218

22/12/22	0	0.12280702	0.016	-0.0083799	0.03260678
23/12/22	0.01630435	-0.03125	0.02362205	0	0.0021691
26/12/22	-0.0614973	-0.0677419	0.00769231	-0.0309859	-0.0381332
27/12/22	0.01994302	-0.0311419	-0.0076336	0	-0.0047081
28/12/22	-0.0167598	-0.0071429	0	0.03197674	0.00201853
29/12/22	-0.0028409	-0.0215827	-0.0307692	0.0056338	-0.0123898
30/12/22	0.05982906	0.04044118	0.02380952	-0.0112045	0.02821882
02/01/23	-0.0241935	-0.0106007	0.01550388	0.00566572	-0.0034062
03/01/23	-0.0247934	-0.0035714	0	0	-0.0070912
04/01/23	-0.0084746	0.00358423	-0.0076336	-0.0084507	-0.0052437
05/01/23	-0.0683761	-0.0464286	-0.0615385	-0.0426136	-0.0547392
06/01/23	-0.0642202	-0.0074906	0.00819672	0.00593472	-0.0143948
09/01/23	-0.0261438	0.01509434	0.04878049	0.00884956	0.01164515
10/01/23	-0.0033557	-0.0037175	0.01550388	-0.0380117	-0.0073952
11/01/23	-0.0639731	-0.0037313	0	-0.006079	-0.0184459
12/01/23	0.15107914	0.04868914	0.07633588	0.02446483	0.07514225
13/01/23	-0.046875	-0.0142857	0	-0.0119403	-0.0182753
16/01/23	0.01311475	0.05072464	-0.0212766	0.00906344	0.01290656
17/01/23	-0.012945	-0.0068966	-0.0144928	0.01197605	-0.0055896
18/01/23	0.02295082	0.04166667	-0.0220588	-0.0029586	0.00990002
19/01/23	0.02884615	-0.02	0.03007519	0.00890208	0.01195585
20/01/23	0	-0.0204082	-0.0072993	0	-0.0069269
24/01/23	-0.0062305	-0.0416667	0.02941176	0.01176471	-0.0016802
25/01/23	0.0815047	-0.0362319	0.07857143	0.02325581	0.03677502
26/01/23	0.03768116	0	0.03311258	0.03977273	0.02764162
27/01/23	-0.0698324	0	-0.0384615	-0.0163934	-0.0311718
30/01/23	-0.033033	-0.0263158	-0.0266667	-0.0083333	-0.0235872
31/01/23	-0.0031056	0.02316602	0.01369863	-0.0056022	0.00703921
01/02/23	-0.0062305	0.01132075	0.00675676	-0.0338028	-0.005489
02/02/23	0.12852665	0.01119403	0.08053691	0.05539359	0.06891279
03/02/23	0.01111111	-0.00369	-0.0372671	-0.0110497	-0.0102239
06/02/23	-0.0027473	-0.0259259	-0.0645161	-0.0223464	-0.0288839
07/02/23	-0.0440771	-0.0038023	0.00689655	-0.0057143	-0.0116743
08/02/23	-0.0115274	-0.0038168	-0.0068493	-0.0057471	-0.0069852
09/02/23	-0.0379009	0.00766284	-0.0689655	-0.0144509	-0.0284136
10/02/23	-0.069697	-0.0038023	-0.0592593	-0.0205279	-0.0383216
13/02/23	-0.0651466	-0.0076336	0.01574803	-0.0179641	-0.0187491
14/02/23	-0.0174216	0.00384615	0.00775194	0	-0.0014559
15/02/23	0.0177305	0.00766284	0.02307692	0.00914634	0.01440415
16/02/23	0.05574913	0.01901141	0.03759398	-0.0060423	0.02657806
17/02/23	-0.0165017	-0.0149254	-0.0144928	-0.0091185	-0.0137596
20/02/23	-0.0067114	0.01136364	-0.0367647	-0.006135	-0.0095619
21/02/23	0	0.01872659	0.00763359	0	0.00659004
22/02/23	-0.0675676	-0.0294118	-0.0151515	-0.0030864	-0.0288043
23/02/23	-0.057971	-0.0075758	0.00769231	-0.006192	-0.0160116
24/02/23	-0.0269231	0.00381679	-0.0076336	0	-0.007685
27/02/23	-0.0237154	-0.0152091	0.00769231	0.00311526	-0.0070292
28/02/23	0.01619433	0.003861	-0.0229008	-0.0062112	-0.0022642

01/03/23	0.07171315	-0.0038462	0.015625	0.0125	0.023998
02/03/23	0.05947955	-0.003861	0	0.00617284	0.01544785
03/03/23	-0.0350877	-0.0271318	0	-0.0153374	-0.0193892
06/03/23	0.00727273	0.03585657	-0.0076923	0	0.00885925
07/03/23	-0.0613718	-0.0384615	-0.0077519	-0.0031153	-0.0276751
08/03/23	-0.0153846	0.004	-0.015625	0	-0.0067524
09/03/23	0.05859375	-0.0119522	-0.015873	0.003125	0.00847339
10/03/23	-0.0332103	0.00403226	0.00806452	0.00311526	-0.0044996
13/03/23	-0.0229008	-0.0120482	-0.064	-0.0062112	-0.02629
14/03/23	-0.0664063	-0.0406504	-0.0683761	0	-0.0438582
15/03/23	-0.0543933	-0.0084746	-0.0642202	0	-0.031772
16/03/23	-0.0442478	-0.042735	-0.0627451	-0.03125	-0.0452445
17/03/23	0.03703704	0.08928571	0.14016736	-0.0322581	0.05855801
20/03/23	-0.0446429	0	0.11926606	0	0.0186558
21/03/23	0.09813084	0.00409836	0.00819672	0.00666667	0.02927315
24/03/23	0.01276596	0.00816327	0.00813008	-0.0033113	0.00643701
27/03/23	-0.0420168	-0.0202429	-0.0080645	0.00332226	-0.0167505
28/03/23	-0.0219298	0.00413223	0.00813008	0.01655629	0.00172219
29/03/23	0.0896861	0.00823045	-0.0080645	-0.0065147	0.02083434
30/03/23	0.02469136	0.0122449	0.01626016	0	0.0132991