

DATE	ESG USA	ESG GLOBAL	SOUTHERN AFRICA	NORTH AFRICA	WEST AFRICA	EAST AFRICA
	\$	\$	\$	\$	\$	\$
2/2/2015	1.247	1.014	-0.217	-0.127	-0.038	0.105
2/3/2015	1.317	1.291	0.240	0.871	1.313	0.448
2/4/2015	-0.146	0.014	0.266	0.801	1.500	0.332
2/5/2015	1.000	0.643	0.088	-0.454	-1.347	0.417
2/6/2015	-0.299	-0.414	-0.047	-0.074	-2.832	-0.201
2/9/2015	-0.466	-0.351	-0.592	-0.644	-3.642	0.077
2/10/2015	1.187	0.608	-0.060	0.233	-2.609	0.006
2/11/2015	-0.010	-0.314	-0.621	-0.796	-3.017	0.547
2/12/2015	0.944	1.088	-0.026	-0.244	-3.124	0.404
2/13/2015	0.280	0.677	0.318	0.182	-0.407	0.054
2/17/2015	0.222	0.147	0.461	-2.144	5.049	0.967
2/18/2015	0.027	0.203	-0.018	0.455	3.691	0.613
2/19/2015	-0.149	0.007	0.206	0.228	0.310	0.813
2/20/2015	0.661	0.398	-0.053	0.043	0.323	0.135
2/23/2015	0.084	0.146	0.372	0.722	1.829	-0.168
2/24/2015	0.229	0.348	-0.077	0.056	1.125	0.538
2/25/2015	-0.229	0.042	0.130	-0.519	0.598	0.199
2/26/2015	-0.035	-0.146	0.263	-1.318	-1.618	-1.145
2/27/2015	-0.310	-0.076	-0.945	-0.097	0.224	-0.350
3/2/2015	0.692	0.181	-0.289	0.676	1.711	-0.584
3/3/2015	-0.515	-0.508	-0.467	-0.002	2.106	-0.990
3/4/2015	-0.447	-0.440	-0.633	-0.216	-0.442	-0.056
3/5/2015	0.035	0.070	-0.276	0.646	-1.268	-0.532
3/6/2015	-1.381	-1.226	-1.097	-0.380	4.660	0.050
3/9/2015	0.450	-0.064	-0.791	0.881	0.459	-0.735
3/10/2015	-1.728	-1.746	-0.880	-0.425	0.687	0.321
3/11/2015	-0.261	-0.137	-0.569	-1.212	-2.266	0.108
3/12/2015	1.343	1.000	-0.046	0.538	0.459	-0.051
3/13/2015	-0.475	-0.517	-1.406	-0.145	-0.771	-0.012
3/16/2015	1.311	1.137	-0.331	-0.887	-3.297	-0.475
3/17/2015	-0.300	-0.157	-0.186	0.441	-2.835	0.280
3/18/2015	1.097	1.027	-0.212	-0.780	-0.687	0.823
3/19/2015	-0.455	-0.212	0.374	-0.031	-0.512	0.700
3/20/2015	0.913	1.347	-0.126	0.835	0.960	-0.704
3/23/2015	-0.167	0.237	0.280	-0.589	0.479	-0.510
3/24/2015	-0.714	-0.299	0.474	-0.155	0.373	0.335
3/25/2015	-1.558	-0.869	0.410	-0.939	1.642	0.354
3/26/2015	-0.268	-0.699	-0.032	-1.443	1.380	-0.081
3/27/2015	0.254	-0.057	-0.069	-0.078	1.907	0.379
3/30/2015	1.245	0.749	-0.973	0.471	1.146	0.435
3/31/2015	-0.808	-0.876	-0.096	-0.392	2.366	-0.348
4/1/2015	-0.431	-0.142	0.633	-0.482	7.678	-0.007
4/2/2015	0.306	0.624	0.139	-1.378	4.714	-1.479
4/6/2015	0.579	0.879	0.349	-2.219	0.000	0.000
4/7/2015	-0.251	0.000	-0.052	0.647	0.000	0.000

4/8/2015	0.325	0.084	0.092	0.248	-2.500	-0.113
4/9/2015	0.448	0.293	-0.440	0.572	0.682	-0.689
4/10/2015	0.382	0.494	0.241	-0.363	1.811	-0.058
4/13/2015	-0.429	-0.348	-0.160	-0.037	1.198	0.422
4/14/2015	0.072	0.424	0.301	0.533	-0.580	0.229
4/15/2015	0.534	0.270	-0.743	-0.324	-0.576	-0.317
4/16/2015	-0.096	0.166	0.311	0.141	-0.338	0.267
4/17/2015	-1.142	-0.999	0.025	0.197	1.187	0.571
4/20/2015	1.004	0.626	0.227	-2.146	0.236	0.022
4/21/2015	-0.194	0.139	-0.159	-0.265	-1.140	-0.256
4/22/2015	0.599	0.304	-0.266	0.460	0.593	-1.013
4/23/2015	0.203	0.324	-0.039	0.937	-0.758	-0.138
4/24/2015	0.460	0.583	0.049	0.042	-0.090	-0.004
4/27/2015	-0.342	0.164	1.025	-1.289	-0.275	-0.239
4/28/2015	0.275	0.150	0.784	-0.927	-0.898	-0.344
4/29/2015	-0.383	-0.430	0.977	1.684	-0.340	0.063
4/30/2015	-1.027	-0.949	0.076	1.180	1.003	0.420
5/1/2015	1.102	0.531	0.000	0.000	0.000	0.000
5/4/2015	0.311	0.179	0.000	0.000	0.000	0.000
5/5/2015	-1.164	-0.952	-0.019	1.140	-0.602	0.143
5/6/2015	-0.500	-0.069	0.350	-0.334	-0.308	-0.832
5/7/2015	0.410	-0.250	0.230	-0.533	0.275	-1.565
5/8/2015	1.380	1.456	-0.133	-0.061	-0.522	0.292
5/11/2015	-0.415	-0.350	-0.729	-0.321	-0.315	-1.333
5/12/2015	-0.327	-0.248	0.287	0.086	-0.885	-1.375
5/13/2015	-0.029	0.213	0.940	-0.921	0.701	-0.971
5/14/2015	1.028	0.815	0.709	-1.413	0.568	0.657
5/15/2015	0.108	0.191	0.262	0.203	0.498	0.219
5/18/2015	0.348	0.027	0.138	3.398	1.503	-0.510
5/19/2015	0.014	-0.225	-0.358	-0.051	0.179	0.003
5/20/2015	-0.138	-0.020	-0.110	-0.656	-0.879	-0.157
5/21/2015	0.195	0.334	-0.044	0.666	-0.296	-1.106
5/22/2015	-0.225	-0.382	0.124	-0.698	-0.604	-1.067
5/26/2015	-1.031	-1.216	-1.382	-0.513	-0.277	-1.597
5/27/2015	1.006	0.702	-0.329	-0.242	0.166	-1.000
5/28/2015	-0.126	-0.179	-0.422	-0.135	-0.492	0.206
5/29/2015	-0.579	-0.704	0.243	0.442	0.000	0.514
6/1/2015	0.194	-0.042	-0.064	-1.273	-1.162	0.000
6/2/2015	-0.176	0.235	-0.014	1.273	0.267	0.000
6/3/2015	0.251	0.421	0.381	0.611	-1.348	0.669
6/4/2015	-0.839	-0.773	0.472	-0.771	-1.626	0.839
6/5/2015	-0.169	-0.863	-0.478	-0.347	1.226	-1.200
6/8/2015	-0.659	-0.463	-0.028	-0.302	-0.228	-1.722
6/9/2015	0.042	-0.028	0.451	-0.422	-0.339	0.558
6/10/2015	1.154	1.410	0.288	-0.056	-0.555	0.277
6/11/2015	0.222	0.180	-0.162	-0.229	0.614	0.001
6/12/2015	-0.703	-0.534	-0.370	0.374	0.300	0.008

6/15/2015	-0.426	-0.761	-0.057	-0.884	0.118	-0.288
6/16/2015	0.600	0.350	0.244	-0.097	-0.071	-0.203
6/17/2015	0.202	-0.091	-0.110	-0.186	-0.361	-0.578
6/18/2015	0.952	1.001	1.118	0.716	0.061	-0.309
6/19/2015	-0.592	-0.388	0.084	-0.016	-0.621	-0.801
6/22/2015	0.640	1.243	-0.006	-0.498	0.432	0.312
6/23/2015	0.046	0.027	-0.728	-0.552	-0.007	-0.861
6/24/2015	-0.717	-0.495	-0.164	-0.014	-0.259	0.517
6/25/2015	-0.252	-0.283	0.238	-0.272	-0.975	-0.175
6/26/2015	-0.032	-0.242	-0.419	-0.249	-0.182	0.043
6/29/2015	-2.116	-2.263	-0.794	-0.557	1.352	0.087
6/30/2015	0.211	-0.142	0.787	0.095	-0.400	0.243
7/1/2015	0.818	0.644	-1.053	-0.244	-1.172	-1.280
7/2/2015	-0.069	-0.021	-0.428	-1.075	-0.421	-1.027
7/6/2015	-0.370	-1.171	-0.457	-3.709	-0.365	-0.939
7/7/2015	0.514	-0.357	-0.194	-1.255	-0.410	-0.266
7/8/2015	-1.669	-1.116	-0.232	-1.299	-0.605	-0.854
7/9/2015	0.104	0.650	-0.137	0.521	-1.120	-0.890
7/10/2015	1.229	1.556	0.300	0.540	-0.041	-1.081
7/13/2015	1.090	0.889	-0.222	-0.369	-1.058	-0.108
7/14/2015	0.412	0.497	0.054	0.637	-0.609	-0.060
7/15/2015	0.047	-0.084	-0.036	1.347	-0.681	-0.199
7/16/2015	0.746	0.773	-0.090	0.959	0.542	-1.710
7/17/2015	-0.209	-0.201	-0.238	0.000	0.045	-0.169
7/20/2015	0.171	0.104	0.008	0.000	-0.045	0.281
7/21/2015	-0.338	-0.229	0.109	0.262	0.526	1.026
7/22/2015	-0.325	-0.699	0.438	-0.007	-0.958	0.545
7/23/2015	-0.533	-0.239	0.073	0.409	-0.320	-1.196
7/24/2015	-0.933	-1.031	-0.055	0.013	0.169	-1.230
7/27/2015	-0.519	-0.727	0.544	-1.046	-1.014	-0.668
7/28/2015	1.020	0.755	0.506	0.297	-0.871	-0.788
7/29/2015	0.676	0.813	0.235	1.199	-1.082	-0.289
7/30/2015	0.045	-0.092	-0.008	0.464	-0.562	-1.469
7/31/2015	-0.066	0.274	0.471	0.347	-1.070	-1.632
8/3/2015	-0.224	-0.317	-0.331	-0.568	-0.047	-0.402
8/4/2015	-0.292	-0.183	0.125	1.058	1.327	-0.196
8/5/2015	0.208	0.176	-0.524	-1.081	2.297	-0.003
8/6/2015	-0.882	-0.608	0.186	0.003	-0.027	0.208
8/7/2015	-0.113	-0.298	-0.373	-0.121	-0.439	3.466
8/10/2015	1.252	1.097	-0.286	-0.620	-0.799	1.705
8/11/2015	-1.194	-1.111	-0.254	0.380	0.113	0.930
8/12/2015	-0.033	-0.471	-0.065	-0.793	-1.342	-0.474
8/13/2015	-0.053	-0.043	0.090	-0.603	-1.749	-2.074
8/14/2015	0.442	0.136	-0.172	-0.052	-0.008	-0.937
8/17/2015	0.580	0.235	-0.319	-2.897	-1.464	-0.587
8/18/2015	-0.288	-0.243	-0.413	-1.529	-0.843	-0.650
8/19/2015	-0.765	-1.056	-0.210	-1.356	-1.380	-0.998

8/20/2015	-2.088	-1.652	-0.367	-0.281	0.599	-0.733
8/21/2015	-3.196	-2.798	-0.467	0.235	-0.311	-0.505
8/24/2015	-4.092	-3.854	-0.537	-3.779	-1.489	-2.377
8/25/2015	-1.522	-0.291	0.054	0.516	-2.074	-2.589
8/26/2015	3.811	2.025	-0.340	-0.003	-1.646	-2.478
8/27/2015	2.321	2.151	-0.473	1.647	0.039	-1.982
8/28/2015	-0.018	0.377	-0.388	-0.006	3.396	2.157
8/31/2015	-0.818	-0.701	-0.414	1.531	3.825	2.231
9/1/2015	-3.016	-2.771	-0.043	-0.813	2.100	0.114
9/2/2015	1.797	0.914	0.320	-0.610	-1.776	-0.916
9/3/2015	0.162	0.469	-1.105	1.327	-0.386	1.083
9/4/2015	-1.600	-1.734	-0.653	-0.008	1.438	-0.969
9/8/2015	2.566	1.987	0.209	-2.697	3.406	1.832
9/9/2015	-1.453	0.077	-0.265	1.058	-3.120	0.519
9/10/2015	0.501	-0.199	-0.176	0.150	-1.693	0.582
9/11/2015	0.454	0.092	0.358	-0.014	1.181	0.389
9/14/2015	-0.361	-0.353	0.083	1.156	2.417	0.719
9/15/2015	1.250	0.895	-0.216	-0.226	0.201	0.802
9/16/2015	0.806	1.324	0.219	0.851	0.000	0.093
9/17/2015	-0.348	-0.120	-0.403	-0.413	0.599	-0.811
9/18/2015	-1.497	-1.387	0.158	-0.409	0.458	-0.243
9/21/2015	0.423	-0.084	-0.204	-0.322	-0.399	-0.555
9/22/2015	-1.169	-1.702	-0.777	0.557	-0.200	-0.138
9/23/2015	-0.093	-0.303	-0.841	0.620	0.472	0.340
9/24/2015	-0.367	-0.555	-0.106	0.000	0.000	0.889
9/25/2015	0.045	0.570	-0.486	0.000	0.000	0.353
9/28/2015	-2.602	-2.102	-1.098	0.000	0.862	-0.385
9/29/2015	0.127	-0.502	0.118	-0.667	-0.580	-1.175
9/30/2015	1.834	1.956	0.523	-0.233	0.086	0.406
10/1/2015	0.238	0.321	0.198	-0.160	0.038	-0.784
10/2/2015	1.280	1.158	-0.479	0.253	-0.699	-1.180
10/5/2015	1.645	1.913	0.386	-1.021	-0.100	0.911
10/6/2015	-0.487	0.257	0.314	-0.191	0.391	-0.512
10/7/2015	0.707	0.813	0.320	0.655	-1.611	-0.124
10/8/2015	0.754	0.598	-0.175	1.169	-0.337	-0.207
10/9/2015	0.125	0.602	0.286	0.485	0.514	-0.375
10/12/2015	0.109	0.081	0.059	1.295	0.384	-0.881
10/13/2015	-0.658	-0.773	-0.050	-0.030	-0.144	-1.297
10/14/2015	-0.558	-0.516	-0.009	0.322	-1.194	-3.301
10/15/2015	1.490	1.356	0.201	-1.431	-0.102	0.371
10/16/2015	0.422	0.480	-0.409	-0.045	1.108	1.385
10/19/2015	0.107	-0.184	-0.115	-0.723	0.123	1.369
10/20/2015	-0.069	-0.089	0.025	0.374	0.101	0.000
10/21/2015	-0.588	-0.237	-0.186	-0.071	0.586	0.000
10/22/2015	1.536	1.075	-0.204	-1.008	-0.211	0.198
10/23/2015	1.201	1.042	-0.382	-0.115	-0.364	-0.033
10/26/2015	-0.176	-0.181	0.089	-0.234	-0.841	0.089

10/27/2015	-0.169	-0.517	-0.272	-0.470	-1.215	-0.641
10/28/2015	1.313	1.031	0.004	-0.378	-0.915	0.182
10/29/2015	-0.142	-0.485	-0.561	0.139	-0.306	0.652
10/30/2015	-0.594	-0.131	0.024	0.177	-0.502	-1.303
11/2/2015	1.073	0.565	0.130	-0.531	0.110	-0.341
11/3/2015	0.266	0.224	0.084	-0.077	-0.685	-0.117
11/4/2015	-0.457	-0.209	-0.295	-0.127	-0.014	0.036
11/5/2015	-0.117	-0.137	-0.085	0.886	-0.179	1.260
11/6/2015	0.082	-0.348	-0.360	-0.289	0.901	0.764
11/9/2015	-0.912	-0.824	-1.083	-3.118	0.130	0.397
11/10/2015	0.055	-0.103	-0.125	-2.743	-1.159	0.069
11/11/2015	-0.347	0.081	0.389	1.488	0.270	0.842
11/12/2015	-1.339	-1.193	0.008	0.061	-1.196	0.490
11/13/2015	-1.205	-1.140	-0.617	0.122	0.462	-0.755
11/16/2015	1.391	0.739	-0.041	-3.126	-1.489	0.501
11/17/2015	-0.199	0.505	-0.664	-0.974	-1.214	0.466
11/18/2015	1.655	0.899	0.207	-0.022	-0.460	0.284
11/19/2015	-0.009	0.571	0.253	1.785	-0.151	1.052
11/20/2015	0.396	0.124	-0.908	-0.231	-0.356	0.237
11/23/2015	-0.246	-0.358	-0.753	-1.573	-1.400	0.541
11/24/2015	0.094	-0.124	0.147	-1.053	-0.780	-0.790
11/25/2015	-0.001	0.110	-0.069	0.593	0.780	0.078
11/27/2015	0.062	0.102	0.189	0.116	-0.514	-1.511
11/30/2015	-0.495	-0.366	-0.636	-0.415	-0.161	-0.088
12/1/2015	1.057	0.905	-0.400	0.804	-1.325	-0.068
12/2/2015	-1.057	-0.810	-0.386	1.765	0.086	0.369
12/3/2015	-1.491	-1.075	-0.161	1.817	1.042	-0.330
12/4/2015	2.222	1.046	0.658	0.141	0.040	-0.368
12/7/2015	-0.567	-0.485	-0.848	-0.284	-1.189	0.250
12/8/2015	-0.654	-1.051	-0.285	-1.431	-2.022	0.453
12/9/2015	-0.763	-0.313	0.248	-0.232	-1.079	0.146
12/10/2015	0.155	-0.007	-0.654	0.302	1.770	0.011
12/11/2015	-1.942	-1.633	-1.072	0.039	0.311	-0.192
12/14/2015	0.374	-0.289	0.994	-1.869	-0.514	-0.298
12/15/2015	1.064	0.947	0.159	-0.310	-1.342	0.071
12/16/2015	1.506	1.370	-0.332	0.846	0.145	0.667
12/17/2015	-1.539	-0.844	-0.151	1.178	0.573	-1.016
12/18/2015	-1.908	-1.381	0.138	0.153	-1.468	0.342
12/21/2015	0.812	0.311	0.190	0.869	1.333	0.613
12/22/2015	0.847	0.687	-0.077	0.145	0.270	-0.896
12/23/2015	1.169	1.271	-0.154	-0.045	-0.157	-1.001
12/24/2015	-0.145	0.141	-0.156	0.514	0.176	-0.368
12/28/2015	-0.193	-0.260	0.237	-0.819	0.172	-0.049
12/29/2015	1.067	0.859	0.180	0.478	-0.556	0.730
12/30/2015	-0.666	-0.599	0.160	1.302	1.862	0.059
12/31/2015	-1.031	-0.849	-0.106	0.508	2.632	1.748
1/4/2016	-1.555	-2.003	-0.346	-0.521	-1.850	-0.129

1/5/2016	0.109	-0.061	-0.188	0.064	-0.884	-0.068
1/6/2016	-1.389	-1.292	-0.674	-0.748	-1.735	0.734
1/7/2016	-2.383	-2.191	-0.620	0.198	-0.863	0.309
1/8/2016	-1.072	-0.882	-0.170	0.082	-1.146	-1.507
1/11/2016	0.216	-0.208	-0.743	-2.513	-1.835	-0.756
1/12/2016	0.788	0.343	0.118	-1.642	-2.036	-0.917
1/13/2016	-2.526	-1.074	0.048	-1.973	-2.416	-0.258
1/14/2016	1.628	0.418	-0.182	-3.193	-4.699	-0.992
1/15/2016	-2.194	-1.903	-0.418	0.268	-2.527	0.258
1/19/2016	0.200	0.098	-1.158	2.327	-2.762	-1.363
1/20/2016	-1.028	-1.955	-0.332	-2.998	4.584	-1.385
1/21/2016	0.399	0.490	-0.816	-0.856	1.651	-0.899
1/22/2016	2.013	2.513	0.182	-0.027	2.199	0.000
1/25/2016	-1.476	-1.015	-0.121	1.764	-0.209	0.309
1/26/2016	1.379	0.951	0.116	0.184	-1.374	-0.389
1/27/2016	-1.056	-0.235	-0.251	0.639	-2.458	0.203
1/28/2016	0.093	0.154	0.727	0.563	1.977	0.154
1/29/2016	2.554	1.948	0.873	-0.392	1.093	0.209
2/1/2016	-0.055	0.198	-0.169	-0.401	1.026	0.777
2/2/2016	-1.995	-1.896	0.140	1.156	-0.188	1.065
2/3/2016	0.408	0.202	-0.218	0.967	-1.327	1.409
2/4/2016	0.164	0.627	0.675	1.780	0.664	-0.200
2/5/2016	-1.782	-1.452	0.270	0.122	0.021	0.503
2/8/2016	-1.467	-1.564	-0.025	-0.274	-0.074	0.532
2/9/2016	-0.043	-0.604	0.231	-1.260	0.193	0.194
2/10/2016	-0.049	-0.166	0.481	0.398	0.412	-0.083
2/11/2016	-1.299	-1.306	-0.182	-1.690	1.180	-0.401
2/12/2016	1.992	1.298	-0.268	-0.346	-0.483	0.019
2/16/2016	1.739	2.123	-0.604	1.206	-0.739	0.022
2/17/2016	1.493	1.535	0.037	0.012	-1.079	-0.115
2/18/2016	-0.453	-0.024	-0.185	0.073	0.772	0.002
2/19/2016	-0.088	-0.386	-0.005	0.419	0.669	0.417
2/22/2016	1.454	1.288	0.006	0.812	-0.372	-0.659
2/23/2016	-1.270	-1.159	-0.013	-0.255	-0.272	0.386
2/24/2016	0.427	-0.451	-0.730	-0.681	-1.383	-0.079
2/25/2016	1.190	1.236	-0.626	-0.007	0.671	0.116
2/26/2016	-0.215	0.016	-0.379	-0.523	0.446	0.110
2/29/2016	-0.849	-0.504	0.327	0.140	0.569	0.557
3/1/2016	2.471	1.851	0.418	-0.118	0.410	-0.126
3/2/2016	0.366	0.846	0.323	0.390	0.643	1.715
3/3/2016	0.329	0.646	0.221	0.682	0.653	1.148
3/4/2016	0.327	0.665	0.432	0.088	-0.635	1.617
3/7/2016	0.051	0.023	0.195	1.518	1.141	-0.119
3/8/2016	-1.054	-0.851	-0.173	0.883	0.747	-1.822
3/9/2016	0.358	0.248	0.183	0.162	0.142	0.341
3/10/2016	-0.028	-0.070	-0.029	2.538	0.425	-0.046
3/11/2016	1.641	1.760	0.321	-0.061	0.091	0.262

3/14/2016	-0.149	0.129	-0.664	-3.599	0.211	0.095
3/15/2016	-0.188	-0.511	-0.785	0.690	-1.694	-0.048
3/16/2016	0.427	0.145	-0.217	1.114	-1.145	0.318
3/17/2016	0.546	1.365	1.609	2.148	0.461	0.099
3/18/2016	0.473	0.233	-0.147	0.175	0.134	-0.057
3/21/2016	0.116	-0.143	-0.100	0.646	0.955	-0.809
3/22/2016	-0.090	-0.060	0.034	0.424	0.495	0.730
3/23/2016	-0.574	-0.718	-0.424	0.422	-0.603	0.803
3/24/2016	-0.018	-0.540	-0.472	-0.028	0.765	0.228
3/28/2016	0.007	0.350	0.586	-0.590	0.000	0.000
3/29/2016	0.862	0.508	-0.090	0.044	0.000	0.000
3/30/2016	0.552	1.090	0.730	-0.514	-1.543	-0.005
3/31/2016	-0.220	-0.322	0.899	0.078	0.504	0.535
4/1/2016	0.618	-0.504	-0.106	-0.057	0.262	-0.595
4/4/2016	-0.284	-0.030	0.261	1.043	-1.294	0.053
4/5/2016	-1.001	-1.390	-0.123	0.757	0.784	-0.085
4/6/2016	0.925	0.807	-0.312	-0.888	-0.452	0.242
4/7/2016	-1.291	-0.800	-0.037	0.090	0.590	0.386
4/8/2016	0.238	0.610	0.358	-0.398	0.145	-0.733
4/11/2016	-0.187	0.091	0.472	-0.639	-2.240	-0.531
4/12/2016	0.855	0.817	-0.037	-0.268	-0.025	-0.688
4/13/2016	1.189	1.399	0.270	0.537	1.166	0.017
4/14/2016	0.043	0.400	0.106	0.291	0.211	0.103
4/15/2016	-0.086	-0.074	-0.274	0.389	0.321	0.390
4/18/2016	0.575	0.274	-0.164	1.418	-1.135	0.050
4/19/2016	0.338	1.094	0.505	1.495	0.775	0.169
4/20/2016	0.046	0.109	0.061	-0.534	0.868	0.486
4/21/2016	-0.510	-0.285	-0.148	-0.307	0.723	0.570
4/22/2016	-0.152	-0.242	-0.343	-0.037	0.081	0.403
4/25/2016	-0.099	-0.250	-0.276	-0.273	-0.257	-0.552
4/26/2016	0.038	0.184	0.825	1.653	-0.102	-0.264
4/27/2016	-0.013	0.000	-0.037	0.252	0.246	-0.372
4/28/2016	-0.987	-0.449	0.699	-0.032	0.358	0.882
4/29/2016	-0.490	-0.473	0.985	1.379	0.956	0.583
5/2/2016	0.774	0.325	0.007	-0.150	0.000	0.000
5/3/2016	-0.811	-1.091	-1.036	-1.469	0.000	0.000
5/4/2016	-0.588	-0.869	-0.336	-0.536	-0.408	-0.822
5/5/2016	-0.109	-0.226	0.271	0.962	-0.100	0.077
5/6/2016	0.355	0.143	-0.099	0.061	0.206	0.343
5/9/2016	0.090	-0.060	-0.339	0.999	1.065	-0.224
5/10/2016	1.179	1.184	-0.261	-0.120	-0.187	0.068
5/11/2016	-0.983	-0.545	-0.050	-0.852	0.732	0.476
5/12/2016	-0.075	-0.247	-0.126	-0.170	0.753	0.253
5/13/2016	-0.844	-0.928	-0.161	-0.728	2.305	0.032
5/16/2016	1.012	0.823	-0.404	-1.000	1.424	-0.373
5/17/2016	-0.989	-0.444	0.059	0.210	-1.078	-0.852
5/18/2016	0.154	-0.083	-0.547	0.674	1.297	0.277

5/19/2016	-0.357	-0.842	-0.593	-0.978	1.965	0.529
5/20/2016	0.620	0.691	-0.410	-0.056	0.174	0.083
5/23/2016	-0.220	-0.280	-0.230	-0.803	-0.655	-0.184
5/24/2016	1.370	1.124	0.281	-0.008	0.086	0.212
5/25/2016	0.780	0.963	-0.163	0.112	4.128	-0.060
5/26/2016	-0.034	0.223	0.057	-0.041	3.027	-0.158
5/27/2016	0.459	0.230	0.233	0.067	-0.646	0.078
5/31/2016	0.002	-0.126	-0.509	-0.642	-5.030	-1.703
6/1/2016	0.003	-0.111	0.226	0.824	-4.176	0.000
6/2/2016	0.291	0.044	0.157	0.375	1.011	0.000
6/3/2016	-0.312	0.267	0.416	0.522	3.065	0.058
6/6/2016	0.401	0.494	0.960	0.096	-0.728	-0.326
6/7/2016	0.006	0.521	-0.276	0.394	-0.959	0.440
6/8/2016	0.352	0.314	0.007	0.405	-0.325	0.388
6/9/2016	-0.161	-0.607	-0.682	-0.549	0.608	0.448
6/10/2016	-0.813	-1.360	-0.850	-0.015	0.342	0.586
6/13/2016	-0.858	-1.243	0.105	-1.110	0.199	-0.591
6/14/2016	-0.264	-0.946	-0.753	-0.709	-0.452	-0.494
6/15/2016	-0.150	0.228	-0.248	-1.014	3.356	0.503
6/16/2016	0.340	-0.274	-0.742	-0.206	2.305	0.231
6/17/2016	-0.345	0.493	0.556	0.361	2.227	-0.022
6/20/2016	0.493	1.667	0.958	-1.576	-25.037	-0.131
6/21/2016	0.297	0.320	0.343	0.449	-4.529	-0.384
6/22/2016	-0.146	-0.022	0.390	-1.180	1.419	-0.715
6/23/2016	1.332	1.445	0.668	1.160	2.275	-0.673
6/24/2016	-3.700	-5.050	-1.326	-0.532	-1.930	-1.769
6/27/2016	-1.763	-2.234	-1.229	-3.489	-2.407	-1.290
6/28/2016	1.670	1.678	0.458	0.607	-1.204	-0.337
6/29/2016	1.701	2.182	1.151	-0.103	1.085	0.015
6/30/2016	1.370	1.204	0.305	0.046	-1.221	0.484
7/1/2016	0.187	0.411	0.710	-0.063	-0.725	0.003
7/5/2016	-0.702	-0.891	-0.217	2.255	-0.935	-0.208
7/6/2016	0.491	-0.331	-0.050	0.000	0.000	0.340
7/7/2016	-0.057	0.241	0.394	0.000	0.000	0.000
7/8/2016	1.507	1.137	0.066	0.000	-0.833	0.000
7/11/2016	0.371	0.874	0.062	2.533	-0.070	-0.557
7/12/2016	0.710	0.896	-0.215	-0.185	0.428	-0.968
7/13/2016	0.052	0.226	-0.226	1.170	-0.770	0.056
7/14/2016	0.614	0.603	0.353	0.911	-0.377	-0.591
7/15/2016	-0.111	-0.094	-0.183	-0.054	-1.933	-0.445
7/18/2016	0.291	0.203	-0.232	0.402	-1.854	-0.852
7/19/2016	-0.083	-0.305	-0.281	-0.116	-1.010	-0.360
7/20/2016	0.447	0.457	0.284	-1.095	-1.320	0.434
7/21/2016	-0.237	-0.072	0.260	-0.506	-2.363	0.152
7/22/2016	0.527	0.101	-0.222	0.072	-1.626	-0.185
7/25/2016	-0.244	-0.203	-0.126	0.684	0.983	0.672
7/26/2016	0.055	0.094	-0.020	0.791	1.104	1.237

7/27/2016	-0.028	0.094	0.167	2.590	-0.609	0.774
7/28/2016	0.139	0.022	0.353	1.051	-1.120	0.557
7/29/2016	0.273	0.720	0.559	0.091	0.215	0.083
8/1/2016	0.090	-0.187	0.145	-0.935	-1.070	0.057
8/2/2016	-0.698	-0.700	0.208	0.603	0.382	0.906
8/3/2016	0.266	-0.196	-0.307	0.708	-0.734	0.218
8/4/2016	0.007	0.261	1.188	0.802	-0.139	-1.136
8/5/2016	0.898	0.577	0.121	-0.080	-1.562	0.371
8/8/2016	-0.136	0.251	0.101	0.330	0.854	-0.371
8/9/2016	0.015	0.487	0.096	-0.856	-1.777	0.026
8/10/2016	-0.243	-0.079	0.037	0.539	1.069	0.095
8/11/2016	0.430	0.485	-0.043	1.119	-0.339	-0.019
8/12/2016	-0.170	-0.007	-0.486	-0.173	-0.298	0.222
8/15/2016	0.264	0.199	0.326	0.854	-0.375	0.090
8/16/2016	-0.557	-0.420	-0.392	-0.473	0.228	1.211
8/17/2016	0.146	0.014	-0.079	-0.245	0.374	0.503
8/18/2016	0.140	0.349	0.129	-0.057	-6.661	-0.039
8/19/2016	-0.105	-0.292	-0.285	0.073	2.975	-0.646
8/22/2016	-0.086	-0.036	0.033	-0.673	3.908	-1.518
8/23/2016	0.225	0.341	0.370	-0.447	0.372	0.702
8/24/2016	-0.482	-0.427	-1.488	0.189	-2.203	0.188
8/25/2016	-0.091	-0.207	-0.083	-0.649	5.651	-5.561
8/26/2016	-0.117	-0.043	-0.041	0.128	-0.441	-3.972
8/29/2016	0.502	-0.007	-0.769	-1.048	-0.847	-2.424
8/30/2016	-0.149	-0.057	0.046	0.166	0.074	-0.433
8/31/2016	-0.188	-0.294	-0.545	0.340	0.165	2.213
9/1/2016	-0.007	0.143	0.080	0.019	0.690	-0.869
9/2/2016	0.369	0.636	0.405	0.150	-0.050	-0.310
9/6/2016	0.180	0.667	0.581	0.728	-0.599	-1.299
9/7/2016	-0.062	0.071	-0.012	-0.268	0.658	0.319
9/8/2016	-0.357	-0.191	0.182	0.533	0.132	-0.081
9/9/2016	-2.352	-2.104	-0.820	-0.173	-0.045	0.754
9/12/2016	1.473	0.274	-0.163	0.000	0.000	0.000
9/13/2016	-1.381	-1.197	-0.046	0.000	0.000	0.000
9/14/2016	0.024	-0.131	0.066	0.000	-0.726	-0.357
9/15/2016	1.041	0.721	0.019	-1.076	0.142	0.080
9/16/2016	-0.313	-0.560	-0.065	-0.142	0.388	0.030
9/19/2016	-0.017	0.422	0.431	-0.061	-0.018	0.816
9/20/2016	0.116	0.036	0.820	0.435	0.541	0.156
9/21/2016	0.995	1.048	0.201	-0.836	-0.705	0.341
9/22/2016	0.653	1.150	0.781	0.185	0.428	0.778
9/23/2016	-0.526	-0.627	0.085	-0.026	-0.451	0.574
9/26/2016	-0.952	-0.912	0.451	0.569	-0.389	0.136
9/27/2016	0.736	0.339	0.831	-0.269	0.293	0.179
9/28/2016	0.339	0.359	-0.367	-0.425	0.306	-0.175
9/29/2016	-0.967	-0.294	-0.425	0.033	-0.572	1.540
9/30/2016	0.790	0.316	0.117	0.087	-0.216	1.009

10/3/2016	-0.374	-0.136	0.152	1.629	-0.230	1.615
10/4/2016	-0.425	-0.259	-2.532	0.385	-0.060	-0.656
10/5/2016	0.386	0.237	2.676	1.685	-0.791	-0.077
10/6/2016	0.048	-0.036	-0.140	0.020	-0.774	-0.381
10/7/2016	-0.225	-0.309	0.089	0.353	-0.658	0.068
10/10/2016	0.383	0.431	-0.309	0.190	0.929	0.039
10/11/2016	-1.177	-1.124	-1.002	-0.848	-0.154	-0.527
10/12/2016	0.117	-0.276	0.073	-0.410	-0.098	-0.223
10/13/2016	-0.292	-0.415	0.284	1.981	-0.648	-0.001
10/14/2016	0.034	0.321	0.801	-0.060	-0.359	0.338
10/17/2016	-0.290	-0.350	0.398	-1.505	-1.376	-1.090
10/18/2016	0.570	0.735	0.358	-0.196	-0.389	0.474
10/19/2016	0.141	0.289	0.414	-0.484	-1.040	-0.497
10/20/2016	-0.199	-0.123	0.425	0.720	0.441	0.000
10/21/2016	-0.082	-0.188	-0.258	-0.006	0.647	0.000
10/24/2016	0.496	0.326	-0.104	-0.599	-1.156	0.502
10/25/2016	-0.336	-0.268	-0.043	0.063	0.882	-0.135
10/26/2016	-0.201	-0.123	0.170	-0.054	0.682	-0.020
10/27/2016	-0.188	-0.320	0.115	0.823	0.057	0.214
10/28/2016	-0.530	-0.321	-0.168	0.612	0.196	0.050
10/31/2016	0.052	0.022	0.249	0.850	-0.729	0.051
11/1/2016	-0.727	-0.402	-0.337	0.514	0.288	0.572
11/2/2016	-0.675	-0.684	0.231	0.913	-0.573	0.905
11/3/2016	-0.410	-0.384	0.201	-18.581	0.207	1.021
11/4/2016	-0.129	-0.408	0.030	-5.796	-1.192	0.031
11/7/2016	2.257	1.652	0.305	1.040	-0.763	-0.595
11/8/2016	0.361	0.394	0.680	-0.884	-0.197	-0.373
11/9/2016	1.165	0.138	-0.631	1.691	-1.238	-0.578
11/10/2016	0.219	0.341	-0.638	3.209	0.274	0.599
11/11/2016	-0.010	-0.283	-0.762	-0.070	0.332	0.086
11/14/2016	-0.009	-0.321	-0.537	2.584	-1.638	0.214
11/15/2016	0.679	0.567	0.803	-0.017	0.367	-0.381
11/16/2016	-0.076	-0.196	0.009	0.966	-0.705	0.459
11/17/2016	0.509	0.428	0.277	0.264	-0.344	0.009
11/18/2016	-0.297	-0.573	-0.076	-1.085	-0.106	-0.773
11/21/2016	0.594	0.740	0.195	-2.978	-0.437	-0.361
11/22/2016	0.207	0.267	-0.428	0.260	-0.490	-0.187
11/23/2016	0.086	-0.188	-0.207	-0.334	0.506	-0.041
11/25/2016	0.460	0.641	0.102	-0.648	-0.613	-0.850
11/28/2016	-0.468	-0.424	0.508	-0.129	-0.169	-0.398
11/29/2016	0.169	0.065	0.214	-0.854	-0.468	-0.460
11/30/2016	-0.474	-0.137	0.078	1.472	1.180	0.050
12/1/2016	-0.334	-0.152	0.306	0.094	-0.460	-0.233
12/2/2016	0.012	-0.022	-0.055	0.149	1.943	-0.132
12/5/2016	0.578	0.511	0.398	-0.038	-0.322	-0.371
12/6/2016	0.373	0.616	0.809	0.438	0.211	-0.911
12/7/2016	1.333	1.334	0.225	-0.671	0.392	-0.297

12/8/2016	0.244	0.296	-0.049	-0.484	0.300	-0.584
12/9/2016	0.642	0.379	-0.076	0.712	0.020	-1.210
12/12/2016	-0.104	0.021	0.211	0.318	-0.170	0.000
12/13/2016	0.628	0.774	0.063	-0.801	1.711	0.000
12/14/2016	-0.719	-0.592	0.002	-0.307	1.130	0.151
12/15/2016	0.401	-0.483	-0.637	-0.009	0.799	-0.800
12/16/2016	-0.260	-0.063	-0.775	1.770	-0.619	-0.260
12/19/2016	0.227	0.182	-0.048	1.109	-0.643	0.091
12/20/2016	0.426	0.189	-0.115	-0.259	-0.583	-0.086
12/21/2016	-0.285	-0.084	0.256	-0.131	0.123	-0.330
12/22/2016	-0.169	-0.147	-0.288	2.252	-0.054	0.584
12/23/2016	0.136	0.056	0.176	2.217	-0.769	-0.058
12/27/2016	0.222	0.091	0.021	-1.865	0.222	0.000
12/28/2016	-0.816	-0.520	-0.055	0.198	0.787	0.000
12/29/2016	-0.031	0.169	0.283	0.741	0.372	-0.126
12/30/2016	-0.473	-0.091	-0.006	1.544	0.370	2.176
1/3/2017	0.826	0.400	-0.168	-0.411	-1.771	-0.725
1/4/2017	0.536	0.809	0.184	1.302	-1.025	-1.174
1/5/2017	-0.064	0.444	-0.092	3.467	0.950	-0.780
1/6/2017	0.368	0.014	-0.204	1.541	0.188	-1.781
1/9/2017	-0.285	-0.333	-0.097	0.029	2.132	-1.134
1/10/2017	0.003	0.160	0.322	1.139	-1.575	-1.159
1/11/2017	0.219	0.007	-0.075	-0.602	-0.015	-1.381
1/12/2017	-0.217	0.360	0.694	0.572	0.334	-1.224
1/13/2017	0.146	0.193	0.453	-0.381	0.191	-0.936
1/17/2017	-0.399	-0.269	0.585	-1.192	0.415	0.734
1/18/2017	0.155	0.110	0.065	-0.250	0.054	-0.209
1/19/2017	-0.329	-0.547	-0.360	-1.799	2.272	0.232
1/20/2017	0.322	0.388	-0.184	1.169	0.366	-0.001
1/23/2017	-0.223	-0.076	0.142	0.546	-0.114	-0.177
1/24/2017	0.616	0.469	0.311	-0.413	-0.352	-0.766
1/25/2017	0.836	0.843	0.367	0.024	0.062	-0.588
1/26/2017	-0.117	-0.123	-0.373	0.061	0.551	-0.527
1/27/2017	-0.009	-0.034	-0.175	0.587	0.114	-0.714
1/30/2017	-0.586	-0.597	-0.104	-1.492	-1.621	-1.162
1/31/2017	-0.088	-0.062	0.084	-1.155	-0.115	1.286
2/1/2017	0.157	0.110	0.040	-0.624	-0.690	0.458
2/2/2017	0.038	0.082	0.152	1.071	0.575	0.870
2/3/2017	0.731	0.555	0.352	0.632	-0.759	0.639
2/6/2017	-0.208	-0.397	-0.049	1.139	-3.779	0.800
2/7/2017	0.086	-0.069	-0.083	0.711	-0.288	0.408
2/8/2017	0.105	0.213	-0.156	1.369	0.524	0.595
2/9/2017	0.541	0.335	-0.360	0.392	-1.046	0.124
2/10/2017	0.310	0.368	-0.147	-0.439	0.795	0.070
2/13/2017	0.581	0.495	-0.022	0.995	-0.830	-0.506
2/14/2017	0.532	0.074	0.218	-0.299	-1.392	-0.408
2/15/2017	0.544	0.600	0.303	0.055	0.376	0.062

2/16/2017	0.009	0.168	0.924	1.921	0.046	0.265
2/17/2017	0.158	-0.040	-0.021	-0.189	0.777	-0.277
2/21/2017	0.658	0.422	-0.225	0.582	-0.173	-0.206
2/22/2017	-0.038	0.020	0.158	-2.335	0.061	0.533
2/23/2017	0.049	0.114	0.385	-1.746	1.211	0.708
2/24/2017	0.142	-0.288	-0.337	0.370	-0.677	0.370
2/27/2017	0.009	-0.013	0.175	-0.366	0.984	-0.066
2/28/2017	-0.261	-0.181	-0.283	-0.024	-0.176	-0.377
3/1/2017	1.312	0.962	-0.125	-1.152	-1.567	-1.664
3/2/2017	-0.561	-0.373	-0.016	1.149	0.143	-0.497
3/3/2017	0.101	0.020	-0.377	0.370	0.331	-0.335
3/6/2017	-0.356	-0.180	0.177	-0.543	0.416	-0.118
3/7/2017	-0.269	-0.241	0.227	-1.876	1.683	-0.129
3/8/2017	-0.097	-0.275	0.047	-0.395	1.247	-0.684
3/9/2017	0.042	0.007	-0.604	0.663	-1.992	0.651
3/10/2017	0.376	0.516	0.227	0.509	0.065	1.913
3/13/2017	-0.024	0.220	0.207	-0.072	-0.957	1.655
3/14/2017	-0.268	-0.374	0.132	-1.033	1.642	1.071
3/15/2017	0.787	0.627	0.081	-0.434	0.408	-1.386
3/16/2017	-0.116	0.623	0.804	1.017	0.968	-0.043
3/17/2017	-0.237	-0.093	-0.002	0.083	1.153	1.357
3/20/2017	-0.195	-0.073	0.326	-0.155	0.325	1.038
3/21/2017	-1.271	-0.664	0.106	-0.135	-2.158	0.224
3/22/2017	0.186	-0.220	0.090	-0.441	2.148	0.865
3/23/2017	-0.128	0.100	0.037	-0.595	0.295	0.802
3/24/2017	-0.076	0.033	0.126	-0.460	-0.314	0.542
3/27/2017	-0.103	-0.067	-0.094	-0.163	0.015	0.836
3/28/2017	0.709	0.738	-0.104	0.322	0.271	0.316
3/29/2017	0.011	-0.152	-0.102	-0.297	-0.839	-0.227
3/30/2017	0.262	0.186	0.129	-0.855	0.360	0.509
3/31/2017	-0.175	-0.372	-0.582	-0.220	0.024	0.335
4/3/2017	-0.126	-0.253	-0.212	-0.387	-1.063	0.035
4/4/2017	0.050	0.073	0.263	1.107	-0.260	-0.158
4/5/2017	-0.307	-0.187	-0.169	0.080	1.110	0.216
4/6/2017	0.100	-0.033	0.079	-1.003	-0.273	0.909
4/7/2017	-0.118	-0.100	0.053	0.143	0.029	0.479
4/10/2017	0.028	0.040	0.065	-1.074	-0.724	-0.476
4/11/2017	-0.175	-0.027	0.036	0.612	-0.324	-0.326
4/12/2017	-0.352	-0.241	0.789	-0.229	0.565	0.992
4/13/2017	-0.637	-0.550	0.693	-0.335	-0.540	0.315
4/17/2017	0.900	0.651	0.045	0.013	0.000	0.000
4/18/2017	-0.230	-0.463	0.227	0.478	0.000	0.000
4/19/2017	-0.180	-0.182	0.300	-0.056	0.607	0.364
4/20/2017	0.778	0.678	0.594	0.018	0.205	0.169
4/21/2017	-0.357	-0.254	0.105	-0.427	-0.513	-0.273
4/24/2017	1.079	1.649	0.435	-0.173	1.800	0.203
4/25/2017	0.640	0.598	0.218	0.070	0.379	-1.094

4/26/2017	-0.045	-0.033	0.238	0.466	0.349	0.804
4/27/2017	0.108	-0.085	-0.072	0.370	1.351	-0.144
4/28/2017	-0.228	-0.177	0.204	0.782	-0.501	-0.286
5/1/2017	0.259	0.249	0.000	0.000	0.000	0.000
5/2/2017	0.119	0.190	0.000	0.000	0.000	0.000
5/3/2017	-0.069	-0.124	-0.033	0.123	-0.859	0.024
5/4/2017	0.138	0.203	-0.319	0.509	-0.076	0.743
5/5/2017	0.324	0.509	0.811	-0.195	0.690	0.628
5/8/2017	0.066	0.059	0.175	0.135	0.569	0.251
5/9/2017	-0.076	-0.176	0.137	0.183	1.327	-0.497
5/10/2017	0.104	0.104	-0.049	-0.003	2.813	-0.027
5/11/2017	-0.212	-0.202	0.143	-0.116	2.565	0.966
5/12/2017	-0.112	0.078	0.539	0.246	0.127	0.679
5/15/2017	0.485	0.468	0.232	0.025	-2.423	-0.012
5/16/2017	-0.046	0.253	0.266	-0.266	0.826	-0.199
5/17/2017	-1.920	-1.322	0.957	0.539	1.776	0.504
5/18/2017	0.382	-0.243	-0.406	0.102	0.866	1.349
5/19/2017	0.612	0.753	1.050	0.017	0.004	0.514
5/22/2017	0.505	0.494	0.664	-0.899	0.022	0.942
5/23/2017	0.242	0.117	0.508	0.087	0.294	0.428
5/24/2017	0.224	0.013	0.331	-0.078	1.453	2.259
5/25/2017	0.473	0.336	0.243	0.842	1.071	1.290
5/26/2017	0.016	-0.110	0.168	0.037	2.231	0.631
5/30/2017	-0.054	-0.129	0.050	-0.037	1.126	-1.419
5/31/2017	-0.096	0.039	0.409	0.731	-0.318	2.233
6/1/2017	0.737	0.542	0.794	0.207	1.600	0.000
6/2/2017	0.470	0.616	0.781	0.433	2.500	0.000
6/5/2017	-0.104	-0.186	0.717	0.076	1.906	0.149
6/6/2017	-0.302	-0.263	0.393	0.455	-0.008	-1.036
6/7/2017	0.227	0.045	0.212	0.554	0.177	0.703
6/8/2017	-0.010	-0.109	-0.015	0.700	0.681	-0.007
6/9/2017	-0.169	0.000	0.604	-0.704	0.911	0.386
6/12/2017	-0.123	-0.245	-0.338	-0.898	0.076	-0.068
6/13/2017	0.396	0.476	0.467	0.289	-0.242	0.997
6/14/2017	-0.029	0.077	0.689	0.472	2.467	-0.200
6/15/2017	-0.219	-0.714	0.445	-1.140	0.732	0.578
6/16/2017	-0.019	0.322	0.771	0.648	-0.095	0.181
6/19/2017	0.914	0.712	0.068	0.689	0.249	-0.867
6/20/2017	-0.646	-0.699	-0.087	-0.101	0.190	0.045
6/21/2017	0.008	-0.180	0.282	-0.369	-2.474	0.806
6/22/2017	-0.016	0.077	0.057	0.426	-1.707	0.293
6/23/2017	0.135	0.148	0.522	0.249	-2.183	-0.133
6/26/2017	0.034	0.199	0.319	0.000	0.000	0.000
6/27/2017	-0.839	-0.431	0.068	0.000	0.000	0.000
6/28/2017	0.860	0.745	0.917	0.000	2.460	-0.756
6/29/2017	-0.866	-0.578	0.306	0.238	0.691	-0.478
6/30/2017	0.133	-0.155	-0.325	-0.277	-0.154	0.010

7/3/2017	0.213	0.283	-0.072	0.614	-1.394	-0.034
7/5/2017	0.222	-0.026	0.004	0.222	-1.592	-0.895
7/6/2017	-0.951	-0.587	-0.033	0.517	0.070	0.122
7/7/2017	0.664	0.207	-0.239	0.934	0.275	0.393
7/10/2017	0.087	0.245	0.230	0.100	1.281	-0.263
7/11/2017	-0.147	-0.019	-0.108	1.017	0.985	0.101
7/12/2017	0.675	0.910	0.579	0.042	1.013	0.307
7/13/2017	0.243	0.274	0.421	-0.077	0.266	0.328
7/14/2017	0.469	0.552	0.265	-0.254	0.022	0.181
7/17/2017	0.014	0.019	0.404	0.335	-0.120	0.951
7/18/2017	0.023	-0.006	0.122	-0.368	0.243	0.386
7/19/2017	0.421	0.366	0.077	-0.739	1.106	-0.110
7/20/2017	-0.006	0.277	0.066	0.391	0.658	0.230
7/21/2017	-0.054	-0.277	0.284	0.012	0.457	0.645
7/24/2017	-0.151	-0.183	-0.059	0.232	1.259	0.643
7/25/2017	0.342	0.385	0.385	0.205	1.871	0.542
7/26/2017	-0.033	0.044	0.001	0.362	2.956	0.817
7/27/2017	-0.321	0.075	-0.020	-0.799	1.236	0.031
7/28/2017	-0.145	-0.189	0.071	0.456	0.186	1.636
7/31/2017	-0.041	0.107	-0.352	-1.090	-2.586	-0.367
8/1/2017	0.271	0.471	0.231	0.149	-11.623	-1.379
8/2/2017	0.126	0.050	0.202	0.172	0.901	0.144
8/3/2017	-0.145	-0.063	-0.419	-0.274	0.966	0.092
8/4/2017	0.209	0.000	0.181	-0.014	1.245	-0.514
8/7/2017	0.197	0.275	0.977	0.783	-0.588	0.597
8/8/2017	-0.192	-0.187	-0.140	0.050	1.067	0.000
8/9/2017	-0.021	-0.332	0.102	-0.197	0.286	0.000
8/10/2017	-1.467	-1.155	0.167	-0.125	-0.966	1.011
8/11/2017	0.187	-0.184	-0.612	0.327	0.774	1.823
8/14/2017	1.084	0.811	0.344	-0.717	-0.422	2.365
8/15/2017	-0.057	-0.145	-0.118	-0.747	-1.239	-0.057
8/16/2017	0.177	0.246	0.320	0.157	-1.865	-0.923
8/17/2017	-1.546	-0.912	-0.039	-0.160	-0.066	-0.391
8/18/2017	-0.226	-0.325	0.310	-0.080	2.011	-0.355
8/21/2017	0.120	0.096	0.224	0.375	0.210	0.720
8/22/2017	0.993	0.661	-0.272	-0.567	0.248	-0.099
8/23/2017	-0.358	-0.127	0.720	0.172	0.421	0.466
8/24/2017	-0.187	-0.127	0.552	-0.394	0.027	0.688
8/25/2017	0.168	0.304	0.410	0.290	0.136	1.639
8/28/2017	0.072	0.108	1.099	0.875	-1.405	0.770
8/29/2017	0.041	-0.076	0.763	0.877	0.303	-0.536
8/30/2017	0.369	0.126	0.483	0.949	-1.073	-0.665
8/31/2017	0.594	0.555	0.369	-0.056	0.154	-0.624
9/1/2017	0.213	0.351	0.214	0.000	0.000	-4.262
9/5/2017	-0.830	-0.565	1.596	0.000	0.000	-1.822
9/6/2017	0.231	0.252	1.787	-0.418	1.683	0.453
9/7/2017	-0.061	0.270	0.997	0.909	-0.254	0.935

9/8/2017	-0.113	0.006	2.397	0.657	-0.355	0.884
9/11/2017	1.139	0.942	1.925	0.525	-0.371	0.573
9/12/2017	0.395	0.328	1.355	-0.404	-0.696	-0.102
9/13/2017	0.072	-0.080	4.084	0.183	-0.223	-1.338
9/14/2017	-0.094	-0.180	4.045	0.226	-0.667	0.307
9/15/2017	0.170	0.229	2.493	0.071	-0.731	-0.089
9/18/2017	0.133	0.185	-1.615	-0.219	-0.764	-1.145
9/19/2017	0.122	0.278	-2.895	-0.276	0.331	0.817
9/20/2017	0.002	0.117	-0.290	-0.503	0.378	0.461
9/21/2017	-0.344	-0.413	-0.358	-0.346	0.182	0.589
9/22/2017	0.024	0.173	0.171	0.119	0.746	-0.074
9/25/2017	-0.249	-0.327	1.539	-0.259	-0.374	-0.199
9/26/2017	0.012	-0.310	1.307	-0.254	-1.223	-0.215
9/27/2017	0.338	0.192	1.429	-0.804	0.144	-0.546
9/28/2017	0.182	0.235	1.255	-0.031	1.225	-0.629
9/29/2017	0.371	0.462	0.375	0.024	0.275	-0.566
10/2/2017	0.422	0.215	-0.065	0.376	-0.110	-0.472
10/3/2017	0.224	0.306	0.656	0.185	0.012	0.169
10/4/2017	0.104	0.061	0.686	1.098	0.475	-0.532
10/5/2017	0.518	0.263	1.942	-0.324	0.531	-0.218
10/6/2017	-0.011	-0.122	-0.317	-0.177	1.630	-0.217
10/9/2017	-0.212	-0.067	1.496	0.230	0.972	-0.447
10/10/2017	0.238	0.433	0.682	-0.268	-0.163	-0.056
10/11/2017	0.229	0.158	2.275	-0.112	-0.339	-1.002
10/12/2017	-0.256	-0.085	1.115	0.452	-0.160	-0.300
10/13/2017	0.096	0.231	1.230	0.175	0.210	-0.314
10/16/2017	0.209	0.133	0.492	-1.841	0.259	-0.320
10/17/2017	0.121	-0.109	0.066	-0.307	-0.278	-0.510
10/18/2017	0.174	0.188	-0.405	0.538	-0.294	-0.563
10/19/2017	0.080	0.121	0.281	0.410	0.096	-0.999
10/20/2017	0.400	0.079	-0.081	-0.480	-0.360	0.000
10/23/2017	-0.393	-0.290	-0.230	0.520	-1.099	0.000
10/24/2017	0.224	0.115	-0.422	0.413	1.068	1.482
10/25/2017	-0.435	-0.382	-0.236	-0.088	0.608	0.000
10/26/2017	0.177	0.079	-0.418	-0.368	-1.088	0.000
10/27/2017	0.982	0.442	-0.070	-0.261	0.169	0.000
10/30/2017	-0.376	0.006	0.252	0.628	0.062	0.196
10/31/2017	0.101	0.097	0.749	0.768	0.230	1.049
11/1/2017	0.164	0.247	0.385	0.048	0.513	1.850
11/2/2017	0.045	0.078	0.130	-0.377	0.324	0.275
11/3/2017	0.415	0.102	-0.073	0.384	-0.244	0.518
11/6/2017	-0.008	0.042	-0.062	-0.541	-0.023	-0.591
11/7/2017	-0.015	-0.030	0.271	-0.303	-0.221	-0.928
11/8/2017	0.186	0.186	0.468	0.332	0.343	0.483
11/9/2017	-0.439	-0.409	0.421	0.753	-0.206	-0.082
11/10/2017	-0.058	-0.102	-0.378	0.975	0.236	-0.590
11/13/2017	0.062	-0.254	-0.169	0.000	-1.145	-0.790

11/14/2017	-0.228	-0.230	0.286	0.126	-0.039	-0.234
11/15/2017	-0.522	-0.547	-0.493	-0.339	-0.700	1.187
11/16/2017	0.910	0.722	-4.504	-0.821	0.619	0.446
11/17/2017	-0.342	-0.151	-6.717	0.044	0.104	0.147
11/20/2017	0.137	0.109	-5.953	-0.466	0.012	1.468
11/21/2017	0.676	0.585	-5.556	0.079	-1.416	2.137
11/22/2017	-0.099	0.186	-1.799	0.259	0.987	1.715
11/24/2017	0.224	0.485	-0.631	1.019	0.713	-1.616
11/27/2017	0.001	-0.287	2.753	0.203	-0.138	0.816
11/28/2017	0.977	0.568	2.701	0.841	0.376	0.000
11/29/2017	-0.047	-0.024	2.437	0.260	0.798	0.000
11/30/2017	0.710	0.446	0.466	-0.052	0.727	0.158
12/1/2017	-0.192	-0.351	-0.072	0.000	0.000	-0.364
12/4/2017	-0.096	0.167	-1.295	0.000	0.000	-0.004
12/5/2017	-0.370	-0.345	-2.588	-0.554	1.354	-0.477
12/6/2017	-0.049	-0.341	-0.760	-1.196	2.573	0.073
12/7/2017	0.201	0.203	-0.014	0.199	1.262	0.258
12/8/2017	0.561	0.471	-1.796	-0.101	-0.349	-0.037
12/11/2017	0.400	0.404	-0.231	0.142	-1.482	0.419
12/12/2017	0.208	0.124	0.452	1.023	0.260	0.000
12/13/2017	-0.097	0.041	-0.806	-0.181	-1.549	0.000
12/14/2017	-0.384	-0.349	-0.160	0.326	-1.751	-0.608
12/15/2017	0.920	0.391	-0.035	-0.248	1.208	-0.205
12/18/2017	0.573	0.888	0.872	-0.246	-0.347	-0.981
12/19/2017	-0.338	-0.376	-0.567	-0.332	-0.187	-0.077
12/20/2017	-0.082	-0.024	0.248	0.001	0.318	0.188
12/21/2017	0.124	0.241	-0.636	-0.062	0.518	0.626
12/22/2017	-0.071	-0.065	0.397	-0.386	0.160	0.133
12/26/2017	-0.179	-0.053	-0.449	1.496	-0.015	0.000
12/27/2017	0.088	0.200	1.959	0.151	-0.678	0.000
12/28/2017	0.170	0.211	-0.792	0.846	1.052	-0.239
12/29/2017	-0.542	-0.152	1.690	0.420	0.652	1.172
1/2/2018	0.789	0.677	-0.967	0.280	-0.224	0.140
1/3/2018	0.521	0.412	0.833	-0.068	0.338	-0.185
1/4/2018	0.497	0.825	0.015	-0.228	2.579	0.490
1/5/2018	0.716	0.642	-0.077	0.088	0.681	1.440
1/8/2018	0.072	0.017	-0.251	0.286	1.708	0.037
1/9/2018	0.121	0.091	0.304	0.448	1.556	0.177
1/10/2018	-0.156	-0.051	-0.450	0.386	3.685	-0.058
1/11/2018	0.626	0.404	-0.100	0.311	3.641	0.391
1/12/2018	0.776	0.652	0.079	0.953	-1.264	0.775
1/16/2018	-0.249	0.181	0.129	0.956	3.731	1.207
1/17/2018	0.941	0.512	-0.289	0.181	1.002	0.237
1/18/2018	-0.137	-0.050	-0.716	0.313	0.382	0.616
1/19/2018	0.411	0.431	-0.529	0.228	1.237	1.109
1/22/2018	0.784	0.602	0.529	-0.130	-0.686	-0.026
1/23/2018	0.185	0.432	0.083	-0.179	-2.076	0.194

1/24/2018	-0.117	0.077	0.456	0.503	-1.370	-0.652
1/25/2018	0.018	0.088	0.477	0.616	-0.032	0.611
1/26/2018	1.203	0.693	-0.257	-0.406	1.061	0.745
1/29/2018	-0.661	-0.649	-0.574	0.235	0.466	-0.015
1/30/2018	-1.172	-0.982	0.335	0.176	0.383	-0.100
1/31/2018	0.071	0.033	0.252	-0.220	-0.686	0.237
2/1/2018	-0.222	-0.078	0.036	1.171	0.075	0.650
2/2/2018	-2.087	-1.863	-0.134	-0.036	0.511	0.441
2/5/2018	-4.155	-3.109	0.154	-0.669	0.075	0.524
2/6/2018	1.881	-0.176	-0.533	-1.468	-1.701	-0.231
2/7/2018	-0.503	0.012	0.039	0.134	-0.057	-1.396
2/8/2018	-3.907	-2.689	-0.822	0.012	-0.323	1.266
2/9/2018	1.558	0.205	-0.063	-0.111	-1.181	-0.393
2/12/2018	1.389	1.232	0.217	-0.297	-3.153	-1.192
2/13/2018	0.334	0.249	-0.082	0.201	-0.511	0.259
2/14/2018	1.306	1.290	0.786	0.100	2.255	0.323
2/15/2018	1.210	1.112	0.212	1.188	1.835	-0.348
2/16/2018	0.078	0.306	0.051	0.069	-0.529	0.503
2/20/2018	-0.572	-0.637	-0.595	-0.079	-1.678	0.752
2/21/2018	-0.568	-0.372	0.303	0.094	0.940	-0.207
2/22/2018	0.093	-0.006	-0.232	0.324	0.375	-0.961
2/23/2018	1.547	1.119	-0.348	0.065	0.547	0.256
2/26/2018	1.225	0.947	0.176	-0.309	-0.116	-0.009
2/27/2018	-1.261	-0.877	-0.089	0.016	-0.305	0.294
2/28/2018	-1.074	-1.147	-1.119	-0.150	1.277	1.229
3/1/2018	-1.356	-1.261	0.057	0.125	-1.232	0.643
3/2/2018	0.484	-0.124	-0.383	0.434	0.607	-0.360
3/5/2018	1.035	0.777	-0.177	0.656	-0.263	0.016
3/6/2018	0.279	0.561	0.615	1.116	0.512	0.339
3/7/2018	-0.033	-0.122	0.105	1.009	-0.943	0.813
3/8/2018	0.527	0.402	-0.260	0.563	0.837	-0.371
3/9/2018	1.713	1.121	-0.062	0.166	-0.153	-0.008
3/12/2018	-0.005	0.287	0.117	0.492	-1.104	0.334
3/13/2018	-0.628	-0.402	0.474	0.683	-0.204	1.049
3/14/2018	-0.562	-0.496	-0.042	-0.212	-0.478	0.924
3/15/2018	-0.059	-0.064	-0.178	0.402	-1.801	-0.266
3/16/2018	0.100	0.098	-0.378	-0.036	-1.174	1.095
3/19/2018	-1.375	-1.110	-0.267	0.067	0.305	1.702
3/20/2018	0.180	0.029	0.464	-0.403	-0.897	0.391
3/21/2018	-0.342	-0.117	-0.198	-0.812	0.381	1.407
3/22/2018	-2.613	-1.723	0.145	0.051	0.161	0.599
3/23/2018	-2.297	-1.893	-0.013	0.262	1.115	0.212
3/26/2018	2.855	1.648	0.739	0.407	0.662	-0.413
3/27/2018	-1.790	-0.635	0.119	-0.016	0.257	-0.182
3/28/2018	-0.244	-0.373	-0.995	-0.143	-2.205	-0.182
3/29/2018	1.270	0.852	-0.403	0.133	1.499	0.825
4/2/2018	-2.274	-1.281	-0.091	0.542	0.000	0.000

4/3/2018	1.249	0.489	0.020	-1.223	0.000	0.000
4/4/2018	1.302	0.583	0.040	0.407	-0.275	0.720
4/5/2018	0.575	0.948	-0.206	-0.400	-0.017	0.900
4/6/2018	-2.227	-1.362	-0.181	-0.002	0.446	-0.538
4/9/2018	0.336	0.408	0.303	0.258	-0.662	-0.605
4/10/2018	1.612	1.433	0.072	0.829	-1.276	0.310
4/11/2018	-0.650	-0.349	0.979	0.479	1.073	0.455
4/12/2018	0.915	0.396	0.150	-0.769	-0.522	-0.550
4/13/2018	-0.383	-0.106	0.367	0.234	0.380	-0.615
4/16/2018	0.825	0.454	-0.047	-0.416	-0.257	-0.679
4/17/2018	1.064	0.732	1.382	0.367	0.757	-1.170
4/18/2018	-0.033	0.373	-0.041	-0.014	0.296	-1.376
4/19/2018	-0.481	-0.233	0.618	0.491	-0.360	-0.580
4/20/2018	-0.936	-0.843	-0.010	0.091	0.423	0.402
4/23/2018	-0.003	-0.118	-0.481	-0.097	0.462	-1.183
4/24/2018	-1.278	-0.703	-0.298	0.382	-0.094	-0.249
4/25/2018	0.208	-0.202	0.701	-0.228	-0.328	-0.003
4/26/2018	0.941	0.775	-0.145	0.697	-0.158	-0.748
4/27/2018	0.304	0.265	0.559	0.376	0.633	-0.279
4/30/2018	-0.859	-0.400	-0.114	-0.226	0.721	0.193
5/1/2018	0.399	-0.124	0.000	0.000	0.000	0.000
5/2/2018	-0.768	-0.432	0.000	0.000	0.000	0.000
5/3/2018	-0.219	-0.279	0.022	-0.725	0.463	-0.323
5/4/2018	1.357	0.841	0.356	0.183	-0.316	1.841
5/7/2018	0.304	0.318	0.254	-1.066	-0.451	0.049
5/8/2018	-0.128	-0.100	-0.342	-0.031	-0.409	-0.176
5/9/2018	0.867	0.663	0.410	-0.756	-0.293	0.989
5/10/2018	0.978	0.734	0.200	-0.882	0.300	-0.968
5/11/2018	0.203	0.417	0.177	0.080	-0.148	-0.685
5/14/2018	0.122	0.208	0.218	-0.679	-0.859	-0.315
5/15/2018	-0.780	-0.811	-0.008	-0.661	-0.764	-0.481
5/16/2018	0.442	0.169	0.043	-0.504	0.168	1.008
5/17/2018	-0.203	0.023	-0.675	-0.266	-0.854	0.191
5/18/2018	-0.343	-0.291	0.034	-0.175	-0.650	-0.082
5/21/2018	0.703	0.436	-0.369	-0.791	-0.017	-1.081
5/22/2018	-0.185	0.012	0.426	-0.386	-0.623	-0.290
5/23/2018	0.262	-0.308	-0.219	-0.348	-0.252	-0.801
5/24/2018	-0.141	-0.280	0.147	0.043	-1.253	-0.612
5/25/2018	-0.103	-0.345	-0.074	0.093	-1.690	-0.934
5/29/2018	-1.264	-1.391	-0.216	0.168	-1.932	-0.395
5/30/2018	1.135	0.727	0.000	-0.473	-0.549	-0.423
5/31/2018	-0.650	-0.366	1.034	-0.755	-0.678	-0.450
6/1/2018	1.152	0.807	1.035	-0.268	-0.747	0.000
6/4/2018	0.576	0.655	0.590	0.021	0.022	0.000
6/5/2018	0.070	-0.157	0.606	-1.027	3.609	0.910
6/6/2018	0.876	0.825	0.879	0.352	0.652	1.611
6/7/2018	-0.144	-0.006	1.009	1.098	0.512	0.295

6/8/2018	0.267	-0.035	0.049	-0.182	-1.562	-0.397
6/11/2018	0.097	0.312	0.310	-0.194	0.170	0.445
6/12/2018	0.169	0.029	0.732	-0.104	0.022	-0.204
6/13/2018	-0.512	-0.277	-0.457	0.422	-0.388	-0.401
6/14/2018	0.232	-0.017	-0.337	-0.554	-0.796	0.028
6/15/2018	-0.005	-0.394	-1.077	0.000	-0.048	0.000
6/18/2018	-0.324	-0.478	-0.832	0.000	0.344	0.000
6/19/2018	-0.396	-0.650	-1.931	-1.130	-1.676	-1.768
6/20/2018	-0.026	0.235	-0.208	0.468	0.652	-1.424
6/21/2018	-0.621	-0.564	-1.119	0.062	-0.555	0.264
6/22/2018	0.079	0.447	-0.194	0.553	-0.268	1.099
6/25/2018	-1.345	-1.341	-0.931	-0.141	0.327	-0.049
6/26/2018	0.159	0.119	-1.361	-1.105	-0.271	0.153
6/27/2018	-0.966	-0.602	-0.754	-0.308	-0.335	0.494
6/28/2018	0.655	0.191	-0.086	0.445	-0.198	-0.310
6/29/2018	0.078	0.553	0.355	-0.150	0.440	-0.621
7/2/2018	0.392	-0.357	0.198	-0.293	-0.897	-0.636
7/3/2018	-0.605	-0.018	0.253	-0.690	-0.648	-1.309
7/5/2018	0.887	0.677	0.310	-0.345	0.509	1.640
7/6/2018	0.846	0.825	0.299	0.371	0.824	0.203
7/9/2018	0.866	0.812	0.735	-0.801	-0.828	0.684
7/10/2018	0.380	0.227	-0.469	0.174	-0.698	0.412
7/11/2018	-0.706	-0.927	-0.106	-0.641	-0.551	-0.897
7/12/2018	0.877	0.683	0.157	-0.475	0.011	-0.266
7/13/2018	0.112	0.262	0.857	-0.554	-0.095	-0.198
7/16/2018	0.037	-0.046	0.516	-0.401	0.076	0.182
7/17/2018	0.478	0.220	0.540	-1.240	-1.176	-0.014
7/18/2018	0.159	0.174	-0.230	-0.122	-1.370	0.742
7/19/2018	-0.386	-0.342	2.655	-0.569	-1.631	0.596
7/20/2018	-0.142	0.243	1.741	1.076	0.846	-0.414
7/23/2018	0.281	0.023	0.668	0.334	0.839	0.101
7/24/2018	0.487	0.577	-0.301	0.683	-0.148	0.120
7/25/2018	0.971	0.568	-1.271	-0.439	-0.247	0.436
7/26/2018	0.142	-0.132	0.115	0.318	0.141	0.096
7/27/2018	-0.619	-0.212	-0.389	0.514	1.055	-0.221
7/30/2018	-0.455	-0.288	0.106	0.560	1.014	-0.330
7/31/2018	0.438	0.219	0.094	0.781	-0.550	-1.125
8/1/2018	0.077	-0.109	-0.136	-0.008	-0.867	0.021
8/2/2018	0.517	-0.115	-0.448	0.554	0.520	0.664
8/3/2018	0.515	0.454	0.114	-0.225	0.213	0.268
8/6/2018	0.224	0.086	-0.777	-0.586	0.147	-0.255
8/7/2018	0.273	0.400	0.208	0.491	-1.195	0.272
8/8/2018	0.075	0.000	-0.684	0.310	-0.254	1.238
8/9/2018	-0.113	-0.143	-0.612	-0.004	-0.533	0.428
8/10/2018	-0.798	-1.201	-0.690	-0.719	-0.481	-0.340
8/13/2018	-0.383	-0.562	-0.385	-1.656	-0.917	-0.008
8/14/2018	0.605	0.510	0.049	-0.531	0.422	0.410

8/15/2018	-0.604	-0.918	-0.388	-0.208	-1.014	-0.447
8/16/2018	0.823	0.675	0.036	0.037	-0.547	-0.746
8/17/2018	0.358	0.324	0.377	0.512	0.719	0.286
8/20/2018	0.219	0.283	-0.051	0.075	-2.366	-0.367
8/21/2018	0.180	0.294	1.354	0.000	0.000	0.000
8/22/2018	-0.065	0.264	-0.742	0.000	0.000	0.000
8/23/2018	-0.134	-0.310	-0.228	0.000	0.090	-0.453
8/24/2018	0.597	0.556	1.073	-0.091	-0.201	-0.134
8/27/2018	0.806	0.854	-0.031	-0.194	1.141	-1.447
8/28/2018	0.076	0.142	-0.239	1.339	0.972	0.591
8/29/2018	0.644	0.441	-0.099	0.161	-0.992	-0.154
8/30/2018	-0.452	-0.429	0.048	0.411	-1.886	-0.603
8/31/2018	0.085	-0.232	0.304	-0.374	-1.460	-2.958
9/4/2018	-0.194	-0.603	-1.337	-1.080	0.922	0.057
9/5/2018	-0.316	-0.475	-0.257	-0.776	-1.477	-1.002
9/6/2018	-0.403	-0.448	1.351	-0.503	-1.807	-0.631
9/7/2018	-0.270	-0.300	0.777	-0.748	0.808	-0.707
9/10/2018	0.191	0.219	-0.010	-0.227	-1.791	-0.583
9/11/2018	0.357	0.196	-0.592	0.000	-2.808	-1.041
9/12/2018	-0.093	0.155	-0.292	0.000	-1.758	-0.788
9/13/2018	0.663	0.499	-0.406	0.033	-0.760	-1.677
9/14/2018	-0.053	0.194	-0.540	-0.336	2.304	0.899
9/17/2018	-0.648	-0.291	-0.897	-1.809	-0.412	-0.427
9/18/2018	0.443	0.491	0.353	0.423	0.808	0.235
9/19/2018	0.113	0.279	-0.597	-1.722	-0.058	-1.446
9/20/2018	0.896	0.921	0.140	0.445	0.546	-4.668
9/21/2018	-0.104	0.259	-0.067	-0.013	0.789	-1.872
9/24/2018	-0.455	-0.320	-0.103	0.004	-0.207	2.429
9/25/2018	-0.158	0.056	-0.111	1.071	1.758	0.163
9/26/2018	-0.376	-0.225	0.486	1.029	0.065	0.532
9/27/2018	0.288	0.034	0.751	0.087	-0.429	0.148
9/28/2018	0.033	-0.271	0.110	-0.458	0.126	-0.697
10/1/2018	0.376	0.209	0.471	-1.015	-0.143	-0.309
10/2/2018	-0.005	-0.215	3.027	-0.107	0.013	-0.121
10/3/2018	0.032	0.034	1.169	-0.351	0.100	0.073
10/4/2018	-0.817	-0.863	-1.144	-0.714	-0.078	0.321
10/5/2018	-0.545	-0.612	0.520	-0.457	-0.592	0.023
10/8/2018	-0.015	-0.293	2.917	-1.728	0.405	-0.338
10/9/2018	-0.217	-0.161	8.150	0.143	-0.009	-0.171
10/10/2018	-3.237	-2.273	8.461	0.055	-0.061	0.000
10/11/2018	-2.064	-2.205	9.826	-1.064	-0.646	0.000
10/12/2018	1.479	0.977	-2.166	-0.057	0.332	-2.303
10/15/2018	-0.711	-0.461	-10.316	0.958	0.557	-1.758
10/16/2018	2.132	1.777	0.681	0.744	0.108	0.626
10/17/2018	0.013	-0.047	1.536	0.051	-0.522	-0.139
10/18/2018	-1.508	-1.221	1.228	-0.806	0.105	0.670
10/19/2018	0.054	0.018	0.319	-0.087	0.217	1.611

10/22/2018	-0.396	-0.358	0.626	0.344	0.360	0.268
10/23/2018	-0.446	-0.962	-1.116	-0.112	-0.217	-0.544
10/24/2018	-3.080	-2.224	0.472	-1.325	-0.291	-0.116
10/25/2018	2.011	0.892	-2.210	-0.970	0.100	0.533
10/26/2018	-1.769	-1.158	-2.288	-0.051	0.013	-0.204
10/29/2018	-0.586	-0.236	-0.301	-0.137	1.231	-0.683
10/30/2018	1.401	1.001	-0.518	-0.417	-1.170	-0.484
10/31/2018	1.053	1.119	-1.238	0.229	-2.231	-0.833
11/1/2018	1.001	0.835	-1.253	-0.009	-0.316	0.408
11/2/2018	-0.737	-0.145	-0.949	-0.042	0.400	1.907
11/5/2018	0.437	0.181	0.402	0.193	-0.521	-0.877
11/6/2018	0.589	0.451	-0.861	0.442	0.334	-1.962
11/7/2018	2.183	1.625	-0.320	0.880	-0.254	0.184
11/8/2018	-0.164	-0.053	1.092	0.854	0.347	0.373
11/9/2018	-0.903	-0.902	0.825	0.114	-0.138	1.191
11/12/2018	-1.910	-1.586	0.483	-0.959	-0.508	-0.139
11/13/2018	-0.056	-0.115	1.755	0.101	0.098	-0.570
11/14/2018	-0.833	-0.639	1.384	0.147	-0.076	-0.271
11/15/2018	1.118	0.651	-0.090	0.944	-1.400	-0.845
11/16/2018	0.248	0.284	0.882	0.159	1.761	0.224
11/19/2018	-1.583	-1.045	0.225	1.211	-0.143	-0.212
11/20/2018	-1.861	-1.706	-6.403	0.000	-0.058	-0.049
11/21/2018	0.230	0.366	0.391	0.000	-0.842	0.195
11/23/2018	-0.588	-0.540	0.593	-0.689	-0.104	-0.275
11/26/2018	1.588	1.200	0.402	-2.019	-1.580	0.384
11/27/2018	0.410	0.154	-0.203	0.416	-0.896	0.177
11/28/2018	2.342	1.475	-0.338	0.480	-0.472	0.647
11/29/2018	-0.372	0.181	1.333	0.265	-1.449	0.261
11/30/2018	0.959	0.368	-0.550	0.080	1.597	0.759
12/3/2018	1.047	1.256	-0.263	-0.941	0.231	0.130
12/4/2018	-3.304	-2.332	-0.994	-0.511	1.523	0.208
12/6/2018	-0.127	-1.353	-0.955	-0.866	-1.791	-0.492
12/7/2018	-2.527	-1.322	0.609	-0.514	0.430	-0.686
12/10/2018	0.131	-0.620	-0.212	0.302	-0.509	-1.019
12/11/2018	-0.063	0.107	-0.538	0.674	-0.158	-1.050
12/12/2018	0.492	1.018	-0.482	0.394	-0.498	0.000
12/13/2018	0.069	0.056	-0.931	0.152	-0.112	0.000
12/14/2018	-2.010	-1.552	-0.222	-0.827	0.517	0.648
12/17/2018	-2.140	-1.423	-1.572	1.169	-0.219	-0.356
12/18/2018	0.172	-0.308	-0.468	-0.215	0.223	-0.344
12/19/2018	-1.454	-0.773	0.341	0.169	-0.447	-0.639
12/20/2018	-1.502	-1.512	-0.548	0.332	-0.571	0.026
12/21/2018	-2.040	-1.455	-66.683	0.071	0.188	-1.055
12/24/2018	-2.735	-1.775	-0.531	-1.335	3.283	1.129
12/26/2018	4.810	2.604	-0.071	0.288	0.208	0.000
12/27/2018	0.823	0.573	0.047	0.549	-1.070	0.000
12/28/2018	-0.067	0.452	0.371	-0.079	-1.012	0.588

12/31/2018	0.898	0.697	-0.019	0.738	0.512	-0.861
1/2/2019	0.027	-0.130	0.137	0.061	-0.892	-0.597
1/3/2019	-2.561	-1.514	-0.079	-0.091	-2.395	-0.530
1/4/2019	3.364	2.658	0.287	-0.171	-0.625	-1.312
1/7/2019	0.661	0.781	0.447	0.042	-0.652	0.182
1/8/2019	0.951	0.756	0.085	-0.200	-2.742	0.891
1/9/2019	0.266	0.751	0.124	-0.008	-0.670	0.683
1/10/2019	0.341	0.370	0.149	-0.023	2.217	1.599
1/11/2019	0.026	0.013	-0.102	0.035	0.660	0.506
1/14/2019	-0.603	-0.433	0.375	-0.445	-0.102	0.296
1/15/2019	1.130	0.820	-0.245	1.218	0.522	0.268
1/16/2019	0.345	0.125	0.625	-0.118	-0.111	1.066
1/17/2019	0.691	0.423	-0.165	0.315	-0.518	0.499
1/18/2019	1.259	1.239	0.107	0.050	0.039	0.673
1/22/2019	-1.362	-1.041	-0.362	0.481	-0.131	0.738
1/23/2019	0.330	0.130	0.273	0.426	0.889	0.311
1/24/2019	-0.015	0.087	0.253	0.123	0.695	0.088
1/25/2019	0.769	0.873	-0.107	0.340	2.001	1.339
1/28/2019	-0.896	-0.694	-0.129	1.925	-0.418	0.544
1/29/2019	-0.234	-0.012	0.064	0.383	-0.888	0.765
1/30/2019	1.515	1.067	0.134	0.442	0.019	0.485
1/31/2019	0.696	0.844	0.593	-0.248	-2.022	1.279
2/1/2019	-0.129	-0.006	0.066	0.006	1.035	2.174
2/4/2019	0.659	0.356	-0.102	0.802	0.416	0.772
2/5/2019	0.501	0.631	-0.394	1.116	-0.162	1.843
2/6/2019	-0.193	-0.186	-0.477	0.286	1.136	1.552
2/7/2019	-0.929	-1.013	-0.268	-0.366	3.806	-0.018
2/8/2019	-0.051	-0.328	0.332	0.071	1.176	-0.133
2/11/2019	0.048	0.018	-0.467	0.001	0.931	0.060
2/12/2019	1.286	1.095	0.625	1.172	0.812	0.377
2/13/2019	0.303	0.372	-1.004	0.001	-1.590	0.044
2/14/2019	-0.345	-0.204	-0.299	-0.014	0.573	-0.825
2/15/2019	1.048	0.879	0.021	-0.318	0.485	-0.984
2/19/2019	0.191	0.457	0.512	0.959	-0.615	-1.036
2/20/2019	0.127	0.384	0.948	0.030	0.704	-0.857
2/21/2019	-0.199	-0.183	0.614	-0.291	-0.040	-0.024
2/22/2019	0.683	0.431	-0.239	-0.494	-0.213	-0.141
2/25/2019	0.090	0.224	-0.177	-0.910	0.369	0.350
2/26/2019	-0.038	0.047	-0.003	0.200	-0.160	-0.063
2/27/2019	-0.159	-0.029	0.225	-0.798	-1.724	-0.332
2/28/2019	-0.303	-0.436	0.317	-0.157	-2.247	-0.947
3/1/2019	0.660	0.453	-0.516	0.319	0.028	0.095
3/4/2019	-0.406	-0.300	-0.322	-0.051	2.192	0.324
3/5/2019	-0.118	-0.130	-0.704	-0.561	0.689	0.055
3/6/2019	-0.663	-0.414	-0.318	-0.339	-0.441	1.120
3/7/2019	-0.833	-0.797	-0.418	0.585	-0.837	1.279
3/8/2019	-0.158	-0.491	-0.941	-0.091	-0.036	0.241

3/11/2019	1.575	1.222	0.355	0.410	-1.364	-0.676
3/12/2019	0.397	0.467	0.017	0.150	-1.103	-0.616
3/13/2019	0.643	0.612	-0.426	0.017	-0.089	-0.257
3/14/2019	0.028	0.064	0.548	-1.057	-0.233	0.493
3/15/2019	0.538	0.637	-0.625	-0.001	-0.342	1.062
3/18/2019	0.438	0.436	0.146	-0.073	-0.146	0.793
3/19/2019	0.015	0.110	-0.103	-0.042	0.380	-0.798
3/20/2019	-0.379	-0.424	-0.532	0.466	1.103	0.456
3/21/2019	1.027	0.753	1.061	0.096	-0.636	0.819
3/22/2019	-1.862	-1.565	-1.114	-0.600	0.992	-0.395
3/25/2019	-0.168	-0.352	-0.097	-0.105	-0.499	-1.088
3/26/2019	0.688	0.768	0.007	-0.038	0.074	-1.084
3/27/2019	-0.435	-0.427	-0.467	-0.525	-0.870	-0.618
3/28/2019	0.304	0.064	-0.255	0.379	0.471	-0.261
3/29/2019	0.689	0.602	0.063	-0.802	-0.602	1.238
4/1/2019	1.080	1.101	0.536	1.305	-0.586	1.010
4/2/2019	0.038	0.052	-0.114	0.918	-1.379	0.415
4/3/2019	0.405	0.574	0.012	0.074	-2.546	0.473
4/4/2019	0.199	0.017	0.145	0.128	0.049	-0.342
4/5/2019	0.377	0.309	0.542	-0.055	-0.269	-0.030
4/8/2019	0.178	0.200	0.108	0.072	-1.249	-0.339
4/9/2019	-0.668	-0.399	0.332	-0.248	-0.149	-0.885
4/10/2019	0.378	0.206	0.299	-0.013	1.044	-0.136
4/11/2019	-0.082	-0.126	-0.543	0.276	0.858	0.114
4/12/2019	0.649	0.416	0.052	0.328	0.180	-0.095
4/15/2019	-0.008	0.091	0.086	-0.233	0.238	-0.122
4/16/2019	0.073	0.080	-0.680	-0.009	0.364	-0.150
4/17/2019	-0.055	-0.068	0.425	-0.071	0.805	0.486
4/18/2019	0.157	-0.017	-0.706	-0.053	-0.245	-0.417
4/22/2019	0.014	0.028	0.162	0.469	0.000	0.000
4/23/2019	0.813	0.533	-0.272	-0.579	0.000	0.000
4/24/2019	-0.150	-0.277	-0.704	0.211	-0.389	0.131
4/25/2019	-0.072	-0.062	-0.058	-0.112	0.346	-0.050
4/26/2019	0.579	0.362	-0.204	0.098	-1.027	-0.474
4/29/2019	0.122	0.096	-0.307	-0.137	-0.959	-0.461
4/30/2019	-0.073	0.259	0.266	1.019	-0.181	-0.218
5/1/2019	-0.633	-0.378	0.000	0.000	0.000	0.000
5/2/2019	-0.220	-0.391	0.000	0.000	0.000	0.000
5/3/2019	0.979	0.735	-0.083	-0.019	0.310	-0.545
5/6/2019	-0.459	-0.542	0.256	-2.046	-0.572	-1.230
5/7/2019	-1.692	-1.351	-0.649	0.921	-0.005	-0.113
5/8/2019	-0.219	-0.155	0.509	-0.823	-0.865	-0.572
5/9/2019	-0.434	-0.710	-0.386	0.193	-0.365	-0.869
5/10/2019	0.368	0.347	0.705	0.252	-0.401	-1.461
5/13/2019	-2.472	-1.811	0.077	-0.586	-2.546	-1.167
5/14/2019	0.788	0.522	-0.362	0.450	0.709	-2.889
5/15/2019	0.537	0.531	0.063	-0.190	0.557	-0.047

5/16/2019	0.980	0.684	-0.059	-0.359	-1.908	-0.431
5/17/2019	-0.569	-0.463	-0.754	-0.213	-0.296	-0.296
5/20/2019	-0.685	-0.535	1.118	-0.625	-0.758	-0.119
5/21/2019	0.787	0.587	-0.818	0.326	1.142	1.057
5/22/2019	-0.287	-0.261	0.343	0.246	-0.729	-0.350
5/23/2019	-1.053	-1.070	-0.059	0.119	0.339	0.010
5/24/2019	0.102	0.334	-0.039	-0.399	0.664	0.108
5/28/2019	-0.904	-0.511	-0.433	0.980	4.144	3.004
5/29/2019	-0.681	-0.917	-0.038	-0.514	-0.144	0.127
5/30/2019	0.196	0.125	-0.176	-0.659	-1.659	-0.705
5/31/2019	-1.322	-0.972	-0.452	-0.007	-1.266	-0.099
6/3/2019	-0.272	0.072	0.135	0.263	0.220	0.266
6/4/2019	2.109	1.456	-0.245	0.190	0.128	0.426
6/5/2019	0.837	0.858	-0.223	0.000	-0.031	0.000
6/6/2019	0.589	0.397	-0.085	0.000	-1.854	0.000
6/7/2019	1.029	1.049	0.118	0.000	0.197	-0.157
6/10/2019	0.508	0.460	-0.114	0.793	-0.839	-0.558
6/11/2019	0.068	0.246	0.254	0.422	-0.089	0.087
6/12/2019	-0.117	-0.201	0.072	-0.271	0.016	0.304
6/13/2019	0.426	0.086	-0.514	-0.160	-0.315	-0.198
6/14/2019	-0.106	-0.270	-0.394	0.367	0.435	-0.566
6/17/2019	-0.035	-0.080	-0.608	1.264	-0.215	-0.306
6/18/2019	0.967	0.945	0.637	0.895	-0.184	0.012
6/19/2019	0.291	0.563	-0.332	0.221	0.654	-0.413
6/20/2019	0.843	1.004	0.899	0.089	0.307	-0.183
6/21/2019	-0.072	-0.163	0.446	-0.252	0.306	-0.381
6/24/2019	-0.227	0.017	0.709	-0.599	-0.441	0.112
6/25/2019	-1.023	-0.733	0.820	-0.125	-1.141	0.333
6/26/2019	-0.088	-0.210	-0.019	0.114	0.389	-0.307
6/27/2019	0.381	0.328	-0.478	0.118	0.105	-0.497
6/28/2019	0.439	0.507	-0.287	-0.080	1.946	0.842
7/1/2019	0.877	0.650	-0.099	-0.222	-2.909	-0.065
7/2/2019	0.379	0.290	-0.518	-0.053	-0.286	-0.084
7/3/2019	0.788	0.611	-0.062	0.532	-0.874	0.694
7/5/2019	-0.184	-0.344	0.116	-0.873	-0.408	-0.255
7/8/2019	-0.519	-0.501	0.243	-0.206	-0.318	-0.543
7/9/2019	0.080	-0.084	-0.083	0.671	-1.850	-0.876
7/10/2019	0.442	0.413	-0.058	0.216	1.005	0.619
7/11/2019	0.243	0.245	0.548	-0.828	-0.022	0.132
7/12/2019	0.442	0.261	-0.088	0.165	-0.863	0.254
7/15/2019	0.108	0.133	0.218	-0.595	-0.915	-0.643
7/16/2019	-0.284	-0.233	0.047	0.690	-0.033	-0.055
7/17/2019	-0.624	-0.450	-0.663	0.373	-0.717	0.389
7/18/2019	0.443	0.017	-0.380	-0.484	-0.492	-0.367
7/19/2019	-0.711	-0.184	0.392	0.243	0.670	0.429
7/22/2019	0.344	0.156	0.457	-0.190	0.461	-0.353
7/23/2019	0.745	0.522	-0.771	0.011	0.083	-1.146

7/24/2019	0.460	0.304	-0.167	-0.090	-0.968	0.411
7/25/2019	-0.463	-0.398	-0.623	0.107	-0.364	0.313
7/26/2019	0.916	0.409	-0.411	0.080	0.409	0.073
7/29/2019	-0.075	-0.050	0.562	-0.222	-0.645	0.010
7/30/2019	-0.304	-0.437	-0.447	-0.120	-0.773	-0.498
7/31/2019	-1.037	-0.752	0.625	0.344	-0.216	-0.053
8/1/2019	-0.889	-0.639	-0.876	0.164	0.199	0.819
8/2/2019	-0.720	-1.103	0.117	0.123	-0.774	0.343
8/5/2019	-3.033	-2.483	0.026	0.559	-0.832	-0.875
8/6/2019	1.256	0.518	0.116	0.183	-0.110	-0.208
8/7/2019	0.008	0.209	-0.233	0.463	-0.845	-0.321
8/8/2019	1.768	1.506	0.025	0.611	-1.985	0.555
8/9/2019	-0.626	-0.503	-0.425	0.116	-0.667	0.641
8/12/2019	-1.213	-0.806	0.380	0.000	0.000	0.000
8/13/2019	1.561	0.783	0.250	0.000	0.000	0.000
8/14/2019	-2.934	-2.144	-0.213	0.000	-2.005	0.105
8/15/2019	0.116	-0.223	0.011	-0.595	-0.526	0.268
8/16/2019	1.534	1.220	0.018	-0.126	0.355	0.553
8/19/2019	1.197	1.073	-0.575	-0.364	0.603	0.284
8/20/2019	-0.799	-0.552	0.180	0.290	1.597	-0.256
8/21/2019	0.853	0.759	0.145	-0.213	0.798	-0.267
8/22/2019	-0.082	-0.218	-0.263	-0.013	1.448	0.073
8/23/2019	-2.672	-1.725	0.444	0.375	0.965	-0.254
8/26/2019	1.148	0.472	-0.107	0.298	1.288	-1.075
8/27/2019	-0.331	0.029	0.014	0.522	-1.497	0.195
8/28/2019	0.628	0.313	-0.470	0.800	-0.950	-0.216
8/29/2019	1.283	0.957	-0.203	0.988	0.298	0.061
8/30/2019	0.105	0.321	-0.163	-0.481	-0.997	-0.467
9/3/2019	-0.605	-0.516	-0.019	0.124	0.136	-3.054
9/4/2019	1.026	1.103	0.355	-0.532	-1.149	0.422
9/5/2019	1.317	1.136	-0.682	0.655	-0.018	-0.242
9/6/2019	0.073	0.297	-0.287	-0.404	-0.544	-1.142
9/9/2019	0.131	0.028	-0.019	-0.005	0.251	0.571
9/10/2019	0.069	0.022	-0.039	0.053	0.376	0.165
9/11/2019	0.758	0.659	-0.291	0.042	0.250	0.100
9/12/2019	0.387	0.411	0.293	0.505	1.397	0.435
9/13/2019	-0.089	0.199	0.388	0.171	1.118	-0.117
9/16/2019	-0.549	-0.521	-0.273	-0.386	0.876	0.149
9/17/2019	0.274	0.266	0.172	-0.764	-0.092	-0.068
9/18/2019	0.102	0.006	0.352	0.004	1.551	0.083
9/19/2019	0.042	0.150	-0.123	-0.103	-0.869	0.128
9/20/2019	-0.497	-0.299	-0.040	-0.608	-0.068	0.632
9/23/2019	0.032	-0.128	-0.227	-2.876	-0.303	0.051
9/24/2019	-0.827	-0.479	-0.275	-2.028	-1.343	0.417
9/25/2019	0.659	0.067	-0.092	1.120	-0.134	0.218
9/26/2019	-0.228	0.000	-0.309	1.126	0.447	-0.822
9/27/2019	-0.411	-0.341	-0.212	0.284	-0.377	-0.377

9/30/2019	0.506	0.190	0.575	1.059	1.396	0.648
10/1/2019	-1.202	-0.972	0.160	0.676	-0.327	0.239
10/2/2019	-1.841	-1.817	0.015	-0.356	-3.378	0.170
10/3/2019	0.712	0.430	-0.069	-0.426	0.166	0.732
10/4/2019	1.455	1.082	0.273	-0.216	-0.804	-0.057
10/7/2019	-0.400	-0.091	0.269	0.684	-0.276	-1.078
10/8/2019	-1.579	-1.192	-0.350	-0.581	-0.330	-0.149
10/9/2019	0.895	0.646	0.173	-0.439	-0.006	0.314
10/10/2019	0.632	0.619	0.918	0.283	-0.422	0.000
10/11/2019	1.097	1.328	0.086	0.275	0.308	0.000
10/14/2019	-0.137	-0.134	0.007	-0.246	-0.290	-0.461
10/15/2019	1.072	0.941	-0.432	-0.234	-0.127	-0.173
10/16/2019	-0.196	-0.017	-0.336	0.588	0.447	-0.030
10/17/2019	0.322	0.277	0.149	0.460	-0.574	1.816
10/18/2019	-0.232	-0.155	-0.001	0.187	-0.358	0.555
10/21/2019	0.692	0.635	0.092	-0.139	-0.280	0.000
10/22/2019	-0.236	-0.094	0.052	0.362	-0.061	0.000
10/23/2019	0.259	0.132	-0.070	-0.218	-0.551	0.272
10/24/2019	0.058	0.236	0.061	0.453	-0.012	0.656
10/25/2019	0.459	0.296	0.464	-0.175	0.098	0.253
10/28/2019	0.680	0.459	-0.025	-0.072	-0.098	0.755
10/29/2019	-0.200	-0.005	-0.240	0.572	-0.461	0.369
10/30/2019	0.409	0.158	-0.291	0.079	-0.259	3.392
10/31/2019	-0.276	-0.136	-0.121	0.072	-0.403	3.710
11/1/2019	0.918	0.797	0.110	0.471	0.840	3.878
11/4/2019	0.333	0.485	0.482	0.018	0.815	-1.395
11/5/2019	-0.150	-0.081	-0.022	0.361	0.226	-0.771
11/6/2019	0.196	0.118	0.148	-0.299	-0.335	2.492
11/7/2019	0.315	0.284	-0.286	0.427	0.086	-0.143
11/8/2019	0.346	0.043	0.289	-0.022	1.797	-2.257
11/11/2019	-0.254	-0.188	-0.889	-0.033	0.102	-0.982
11/12/2019	0.105	0.150	-0.314	-0.514	0.496	-1.043
11/13/2019	0.118	-0.059	0.286	-0.078	0.286	0.165
11/14/2019	0.039	-0.193	0.431	-0.235	4.019	0.886
11/15/2019	0.780	0.771	0.328	0.444	-0.831	-1.140
11/18/2019	0.147	0.154	-0.211	-0.272	-0.774	-0.032
11/19/2019	-0.141	-0.064	-0.341	0.010	0.214	0.208
11/20/2019	-0.468	-0.502	-0.057	-0.542	1.065	0.210
11/21/2019	-0.196	-0.230	0.090	0.202	0.383	-0.275
11/22/2019	0.307	0.155	-0.036	0.101	0.051	-0.100
11/25/2019	0.768	0.721	-0.190	-0.652	-0.452	-0.084
11/26/2019	0.278	0.159	-0.113	-0.468	-0.938	-0.842
11/27/2019	0.418	0.313	-0.033	0.121	-0.592	0.605
11/29/2019	-0.407	-0.483	0.054	0.249	0.921	1.661
12/2/2019	-0.835	-0.619	0.349	-0.818	0.063	-0.008
12/3/2019	-0.704	-0.574	-0.219	-0.281	0.328	0.872
12/4/2019	0.703	0.526	0.025	0.359	-0.720	0.467

12/5/2019	0.177	0.182	-0.422	-0.203	0.214	0.536
12/6/2019	0.893	0.788	0.802	0.119	-0.799	0.637
12/9/2019	-0.279	-0.117	0.037	-0.582	-0.759	-0.308
12/10/2019	-0.080	-0.106	-0.457	0.515	-0.682	-0.011
12/11/2019	0.246	0.239	0.134	0.088	-0.053	0.029
12/12/2019	0.957	0.776	0.306	0.169	0.975	0.000
12/13/2019	0.114	0.598	0.283	0.359	0.251	0.000
12/16/2019	0.722	0.704	0.733	0.302	0.883	-0.467
12/17/2019	0.056	0.021	-0.176	0.856	-0.498	0.620
12/18/2019	-0.099	-0.156	0.427	0.465	-0.448	1.024
12/19/2019	0.425	0.218	0.483	0.417	0.472	1.440
12/20/2019	0.459	0.352	0.120	0.305	0.070	0.579
12/23/2019	0.051	0.026	0.295	0.451	-0.869	0.436
12/24/2019	0.005	0.031	0.063	-0.039	-0.293	0.155
12/26/2019	0.618	0.433	-0.058	-0.012	0.000	0.000
12/27/2019	0.029	0.262	0.646	0.168	2.184	0.000
12/30/2019	-0.557	-0.478	0.128	0.300	0.121	0.049
12/31/2019	0.295	0.175	0.324	0.522	0.715	0.918
1/2/2020	0.807	0.764	-0.072	-0.733	-0.331	0.346
1/3/2020	-0.884	-0.605	-0.359	0.051	1.616	0.866
1/6/2020	0.308	0.005	-0.138	-1.884	2.032	-0.551
1/7/2020	-0.317	-0.123	-0.108	-0.291	0.944	-0.607
1/8/2020	0.594	0.195	1.031	1.301	2.789	0.167
1/9/2020	0.644	0.579	0.612	1.409	1.355	2.087
1/10/2020	-0.221	-0.082	0.436	-0.380	-0.979	0.447
1/13/2020	0.680	0.428	0.654	-0.113	0.238	-0.489
1/14/2020	-0.139	-0.020	0.314	0.495	-0.603	-0.691
1/15/2020	0.143	0.092	-1.030	0.266	-0.064	-1.945
1/16/2020	0.897	0.593	-1.008	0.454	2.238	0.549
1/17/2020	0.471	0.464	-0.192	0.087	0.848	-0.478
1/21/2020	-0.206	-0.312	1.046	-0.044	-1.275	-0.078
1/22/2020	0.087	0.116	0.537	0.730	-0.183	-0.366
1/23/2020	0.045	-0.232	0.022	-0.474	0.962	0.138
1/24/2020	-0.948	-0.456	-0.520	0.114	-0.947	-0.084
1/27/2020	-1.596	-1.601	-0.373	-0.352	-1.357	-0.806
1/28/2020	1.027	0.663	-0.187	-0.175	-1.839	-0.910
1/29/2020	-0.020	-0.010	-0.028	0.120	-0.076	-0.215
1/30/2020	0.440	-0.056	-0.557	0.309	0.049	0.539
1/31/2020	-1.599	-1.238	-0.438	0.434	-1.682	0.456
2/3/2020	0.821	0.368	0.011	-1.084	-2.935	0.297
2/4/2020	1.562	1.351	0.536	0.181	-0.379	0.423
2/5/2020	1.134	0.945	0.157	0.236	-0.199	1.541
2/6/2020	0.360	0.570	-0.206	-0.162	1.383	1.891
2/7/2020	-0.551	-0.484	-0.435	-0.103	-0.720	-1.086
2/10/2020	0.852	0.353	-0.003	-0.301	-0.794	-0.458
2/11/2020	0.120	0.301	0.195	-0.524	-0.491	0.000
2/12/2020	0.663	0.570	0.083	-0.691	0.314	0.000

2/13/2020	-0.264	-0.260	-0.075	0.887	0.131	-1.543
2/14/2020	0.173	0.085	0.518	0.459	-0.674	-0.915
2/18/2020	-0.375	-0.481	-0.382	-0.622	-1.758	-1.198
2/19/2020	0.489	0.441	0.039	0.167	-0.433	-0.788
2/20/2020	-0.357	-0.511	-1.538	0.231	-0.311	-0.468
2/21/2020	-1.152	-0.817	0.165	1.084	-0.129	-0.337
2/24/2020	-3.474	-3.108	0.198	-1.133	-2.558	-0.017
2/25/2020	-2.945	-2.503	-0.539	-0.287	-0.393	-1.104
2/26/2020	-0.331	-0.462	-0.791	-0.566	0.200	-2.038
2/27/2020	-4.737	-3.685	-0.641	-0.391	-1.420	-1.039
2/28/2020	-0.825	-1.616	-0.247	-0.577	-4.282	-3.024
3/2/2020	4.687	3.388	-0.417	-2.102	-1.309	1.464
3/3/2020	-2.885	-1.476	0.273	-0.551	4.194	1.312
3/4/2020	4.176	2.860	-0.012	-1.487	0.373	0.856
3/5/2020	-3.421	-2.150	-0.980	0.468	1.067	1.537
3/6/2020	-1.665	-1.971	-1.919	-1.393	-2.340	-0.383
3/9/2020	-7.676	-7.280	-6.222	-8.281	-6.868	-5.767
3/10/2020	4.903	2.799	1.508	3.873	-6.654	0.892
3/11/2020	-4.934	-3.719	0.301	-0.517	-0.895	0.663
3/12/2020	-9.939	-10.220	-0.903	-4.584	-7.851	-5.090
3/13/2020	9.240	5.840	-4.918	-0.387	2.258	-6.539
3/16/2020	-12.548	-9.683	-3.565	-12.251	-1.531	-2.925
3/17/2020	6.145	3.992	-2.603	-3.276	3.370	0.603
3/18/2020	-4.831	-5.061	-1.885	-4.449	1.317	-0.597
3/19/2020	0.163	0.554	-7.945	3.756	-5.697	-2.441
3/20/2020	-4.633	-2.365	-0.432	1.829	0.330	-0.495
3/23/2020	-2.866	-3.056	-0.810	5.451	-7.607	-5.202
3/24/2020	8.693	8.207	0.272	-0.057	-1.492	-4.293
3/25/2020	0.704	2.315	0.149	-1.466	1.813	0.285
3/26/2020	6.022	4.725	0.124	-0.138	2.343	1.384
3/27/2020	-3.233	-2.509	-0.056	-0.714	0.919	1.936
3/30/2020	3.542	2.323	-0.863	-2.469	-3.523	1.386
3/31/2020	-1.755	-0.950	0.019	-0.523	1.469	1.538
4/1/2020	-4.554	-3.852	-0.503	-1.239	-1.884	0.553
4/2/2020	2.285	1.380	-0.494	-1.030	-1.739	1.142
4/3/2020	-1.632	-1.394	-1.158	-1.293	1.365	1.277
4/6/2020	6.864	5.578	-5.931	-1.144	1.355	-1.785
4/7/2020	-0.182	0.662	4.721	0.867	0.654	-2.711
4/8/2020	3.278	2.089	7.227	2.047	1.526	-0.648
4/9/2020	1.533	1.443	3.663	1.794	2.310	0.056
4/13/2020	-0.872	-0.608	0.101	0.346	0.000	0.000
4/14/2020	3.193	2.517	-0.572	0.447	0.000	0.000
4/15/2020	-2.160	-2.290	-0.600	-1.497	4.477	1.112
4/16/2020	0.826	0.313	-1.320	-1.308	-3.372	-1.100
4/17/2020	2.237	2.540	-1.240	-0.088	2.386	0.206
4/20/2020	-1.748	-1.238	-0.732	0.987	-2.140	1.376
4/21/2020	-3.117	-3.107	-1.674	-1.990	-4.808	0.863

4/22/2020	2.116	1.731	-1.448	-0.201	2.173	-0.668
4/23/2020	-0.115	0.171	0.024	1.469	0.980	-0.093
4/24/2020	1.362	0.573	-0.880	0.213	0.785	-0.604
4/27/2020	1.425	1.695	-0.926	1.354	1.238	-0.092
4/28/2020	-0.604	0.048	-0.456	0.878	1.011	0.117
4/29/2020	2.529	2.281	0.101	1.400	0.536	2.941
4/30/2020	-0.866	-0.827	-0.552	1.095	0.188	0.625
5/1/2020	-2.863	-2.295	0.000	0.000	0.000	0.000
5/4/2020	0.367	-0.429	0.000	0.000	0.000	0.000
5/5/2020	0.931	1.012	0.978	0.995	2.123	2.131
5/6/2020	-0.630	-0.481	1.124	0.504	2.890	2.613
5/7/2020	0.980	0.720	0.112	0.219	-1.563	-3.893
5/8/2020	1.689	1.649	0.165	-0.609	0.234	-1.559
5/11/2020	0.137	0.088	1.326	0.358	-0.999	-0.446
5/12/2020	-1.981	-1.313	1.738	0.180	0.346	-1.285
5/13/2020	-1.688	-1.657	-0.879	-1.340	-0.376	-1.996
5/14/2020	1.251	0.121	-0.223	0.078	0.706	-3.199
5/15/2020	0.405	0.350	-1.544	0.509	1.217	0.177
5/18/2020	2.909	2.734	-0.077	0.837	0.036	3.004
5/19/2020	-1.091	-0.341	-0.060	0.249	1.801	1.560
5/20/2020	1.511	1.466	0.980	-0.349	1.602	-0.769
5/21/2020	-0.815	-0.844	0.530	-0.425	1.107	-1.377
5/22/2020	0.188	-0.234	0.225	0.193	-0.583	1.034
5/26/2020	1.156	1.881	1.408	1.186	0.063	-1.666
5/27/2020	1.470	0.996	-0.728	0.486	4.110	-0.002
5/28/2020	-0.192	0.460	-0.715	-0.431	-2.591	-0.359
5/29/2020	0.426	-0.045	0.554	0.407	-0.240	0.068
6/1/2020	0.295	0.802	0.006	0.780	0.432	0.000
6/2/2020	0.836	1.041	1.253	1.108	0.919	0.000
6/3/2020	1.265	1.601	0.022	0.740	-0.625	0.502
6/4/2020	-0.270	-0.104	1.237	1.233	-1.049	0.534
6/5/2020	2.411	2.207	0.315	-0.400	-0.283	-0.756
6/8/2020	1.167	0.897	0.820	2.406	0.524	1.185
6/9/2020	-0.621	-0.309	1.430	-0.254	0.158	-0.529
6/10/2020	-0.245	-0.283	-0.018	-1.045	-0.482	0.377
6/11/2020	-5.962	-5.006	-1.177	-0.393	-0.352	1.145
6/12/2020	1.237	0.404	-0.358	-0.839	-0.159	0.034
6/15/2020	0.725	0.067	-2.420	-0.090	-1.748	0.247
6/16/2020	1.909	2.219	0.144	1.447	-0.233	1.160
6/17/2020	-0.286	-0.044	-0.456	1.852	-0.724	0.346
6/18/2020	-0.031	-0.159	-0.053	-0.573	0.164	0.186
6/19/2020	-0.474	-0.209	-0.755	-0.071	0.447	-0.153
6/22/2020	0.651	0.417	-0.335	-0.084	0.134	-1.131
6/23/2020	0.582	0.959	0.636	0.096	-0.759	-1.091
6/24/2020	-2.504	-2.370	-0.096	0.286	-0.572	-1.079
6/25/2020	1.150	0.609	0.365	-1.239	-0.705	-0.446
6/26/2020	-2.648	-1.731	-0.729	-0.801	0.187	-0.062

6/29/2020	1.461	0.866	0.600	-0.627	0.223	0.494
6/30/2020	1.627	1.173	-0.323	0.475	-0.512	-1.057
7/1/2020	0.552	0.450	-0.031	0.288	-1.155	-0.186
7/2/2020	0.464	0.807	1.108	-0.118	-1.687	-0.992
7/6/2020	1.725	1.723	-0.044	1.578	0.740	-0.051
7/7/2020	-1.149	-1.036	-1.306	-0.218	-0.281	-1.856
7/8/2020	0.919	0.543	1.496	0.473	1.999	-0.646
7/9/2020	-0.430	-0.425	-0.294	-0.365	-0.116	-1.489
7/10/2020	1.002	0.703	0.444	-0.236	-0.305	-0.069
7/13/2020	-0.897	-0.198	-0.486	0.457	-0.277	0.494
7/14/2020	1.191	0.663	-0.214	-0.402	-1.984	-0.474
7/15/2020	0.714	1.065	-0.533	-0.240	-0.194	0.495
7/16/2020	-0.355	-0.523	-3.406	-0.461	0.884	-0.249
7/17/2020	0.264	0.233	0.804	-0.045	-0.579	0.266
7/20/2020	1.015	0.868	-0.336	-0.181	-0.462	-0.351
7/21/2020	-0.018	0.465	-0.782	0.906	0.589	-1.190
7/22/2020	0.563	0.177	0.971	-0.188	0.578	-0.950
7/23/2020	-1.474	-0.894	-0.047	0.018	-0.481	1.044
7/24/2020	-0.620	-0.727	-0.611	0.183	0.111	1.905
7/27/2020	0.753	0.921	1.157	0.813	1.655	1.503
7/28/2020	-0.660	-0.373	-0.274	0.028	0.240	-1.376
7/29/2020	1.248	0.776	-0.714	0.250	0.044	0.023
7/30/2020	-0.307	-0.707	-0.428	0.005	0.094	-1.181
7/31/2020	1.008	0.152	0.386	0.000	0.000	0.000
8/3/2020	0.761	0.800	-0.462	0.000	0.000	0.000
8/4/2020	0.279	0.545	-0.265	0.349	1.656	-1.194
8/5/2020	0.691	0.825	-0.529	1.027	0.758	-0.940
8/6/2020	0.817	0.354	-0.555	0.868	-0.614	0.906
8/7/2020	0.003	-0.251	-0.221	-0.057	1.302	1.111
8/10/2020	0.259	0.185	-0.991	0.681	-0.184	-0.437
8/11/2020	-0.829	-0.056	-0.390	-0.192	1.120	-1.354
8/12/2020	1.538	1.384	-0.073	0.409	-0.203	0.564
8/13/2020	-0.218	-0.162	-0.653	0.630	0.804	-1.453
8/14/2020	-0.010	-0.269	0.805	-0.120	-0.797	0.061
8/17/2020	0.279	0.324	0.024	0.903	0.532	1.834
8/18/2020	0.360	0.273	-0.016	-0.097	-0.210	-0.423
8/19/2020	-0.397	-0.177	0.041	0.089	0.238	0.685
8/20/2020	0.476	-0.218	-0.268	0.000	0.286	1.636
8/21/2020	0.450	0.228	0.235	0.000	-0.558	0.100
8/24/2020	1.008	1.096	0.746	0.968	0.482	0.858
8/25/2020	0.434	0.275	0.499	0.150	-0.447	1.046
8/26/2020	1.177	0.977	0.154	-0.235	0.516	0.984
8/27/2020	0.145	-0.178	0.335	-0.493	-0.398	2.139
8/28/2020	0.645	0.513	0.929	-0.056	0.377	1.032
8/31/2020	-0.171	-0.222	-0.411	0.320	0.977	0.830
9/1/2020	0.752	0.467	1.067	0.575	0.186	0.716
9/2/2020	1.505	1.089	-0.483	-0.547	-0.089	0.695

9/3/2020	-3.776	-2.702	-0.613	-0.055	-0.062	-0.105
9/4/2020	-0.778	-1.053	-0.770	-0.587	0.783	-1.751
9/8/2020	-3.036	-1.847	-0.611	-0.531	-1.315	-1.973
9/9/2020	2.080	1.615	-0.068	0.187	-0.905	0.606
9/10/2020	-1.864	-1.123	-0.698	0.884	1.499	2.071
9/11/2020	0.000	0.015	0.350	-0.225	0.714	0.477
9/14/2020	1.261	1.077	0.071	-0.479	-0.130	-0.195
9/15/2020	0.499	0.424	0.559	-0.619	0.000	0.085
9/16/2020	-0.663	-0.267	0.099	-0.016	-0.929	0.045
9/17/2020	-0.948	-0.902	0.350	-0.532	-0.249	-1.014
9/18/2020	-1.179	-0.777	0.027	0.180	0.436	0.525
9/21/2020	-1.072	-1.598	-0.982	-0.343	-0.276	-0.465
9/22/2020	1.099	0.613	0.319	0.073	0.228	-0.001
9/23/2020	-2.411	-1.604	-1.886	-0.128	0.838	-0.086
9/24/2020	0.376	-0.206	-0.307	-0.948	0.974	0.020
9/25/2020	1.641	1.071	-0.122	-0.258	1.593	0.705
9/28/2020	1.582	1.611	-0.242	0.358	0.459	0.422
9/29/2020	-0.477	-0.319	0.102	0.458	0.331	-0.164
9/30/2020	0.913	0.391	0.497	-0.105	1.517	-0.076
10/1/2020	0.562	0.441	-0.725	0.055	-0.170	-0.298
10/2/2020	-1.083	-0.790	-0.895	0.298	0.755	-0.397
10/5/2020	1.828	1.737	-0.568	0.265	3.006	-0.082
10/6/2020	-1.494	-0.905	0.904	1.029	4.854	-0.522
10/7/2020	1.745	1.108	-0.562	0.729	-2.052	0.671
10/8/2020	0.739	0.715	-0.002	-0.227	0.804	-1.157
10/9/2020	0.919	0.829	0.512	0.495	-0.237	0.601
10/12/2020	1.905	1.438	-0.067	0.210	0.024	0.322
10/13/2020	-0.685	-0.580	-0.069	-0.448	-0.898	-0.424
10/14/2020	-0.725	-0.450	-0.042	1.213	0.135	-0.125
10/15/2020	-0.156	-0.851	-0.828	-0.347	-0.380	-0.190
10/16/2020	0.004	0.200	-0.037	-0.209	2.117	0.094
10/19/2020	-1.716	-0.922	0.145	-0.527	-0.048	-0.375
10/20/2020	0.553	0.332	0.350	0.198	-0.072	0.000
10/21/2020	-0.191	-0.156	0.203	0.030	-1.506	0.000
10/22/2020	0.463	0.131	0.176	-0.218	-0.018	0.532
10/23/2020	0.337	0.331	-0.261	0.439	1.283	-0.107
10/26/2020	-1.833	-1.583	0.562	-2.064	0.422	-0.850
10/27/2020	-0.154	-0.249	-0.424	0.209	0.958	0.005
10/28/2020	-3.743	-3.283	0.069	-0.254	-0.006	-0.078
10/29/2020	1.268	0.520	-0.397	0.000	-0.060	-0.269
10/30/2020	-1.283	-1.132	-0.609	0.000	3.279	-0.074
11/2/2020	1.048	1.263	-0.035	-0.912	1.085	0.138
11/3/2020	1.837	2.014	0.867	0.783	-1.090	-0.324
11/4/2020	2.407	2.060	-0.282	-0.032	0.115	-0.259
11/5/2020	2.075	2.112	0.432	0.766	0.397	0.904
11/6/2020	-0.111	0.074	-0.249	0.229	2.981	0.476
11/9/2020	0.968	1.303	0.663	1.752	3.639	-0.818

11/10/2020	-0.373	0.141	0.938	0.948	0.258	1.070
11/11/2020	0.828	0.786	0.281	-0.638	2.629	2.427
11/12/2020	-0.935	-0.704	0.939	0.251	5.133	-0.637
11/13/2020	1.267	0.834	-0.514	0.411	-3.277	0.456
11/16/2020	1.014	1.202	0.815	0.213	-2.674	0.238
11/17/2020	-0.540	-0.218	1.566	0.415	0.163	-0.016
11/18/2020	-1.139	-0.639	1.824	-0.216	1.497	-0.668
11/19/2020	0.335	-0.033	-0.627	-0.258	-1.229	-1.285
11/20/2020	-0.713	-0.307	-0.147	0.964	-1.484	0.468
11/23/2020	0.379	0.211	0.714	-0.247	-3.436	0.158
11/24/2020	1.657	1.544	0.203	1.078	0.964	-0.492
11/25/2020	-0.145	-0.005	0.354	0.813	1.933	0.574
11/27/2020	0.278	0.452	0.342	-1.378	-0.021	-1.121
11/30/2020	-0.441	-0.796	0.710	0.381	-1.325	0.980
12/1/2020	1.208	1.171	0.230	0.437	1.421	-0.433
12/2/2020	0.239	0.308	0.114	0.168	-0.402	0.781
12/3/2020	-0.151	0.149	0.207	0.333	-0.884	0.062
12/4/2020	0.706	0.714	-0.071	0.024	0.782	0.508
12/7/2020	-0.212	-0.194	0.048	0.047	-0.549	-1.076
12/8/2020	0.277	0.134	0.679	0.132	-0.297	-0.453
12/9/2020	-0.771	-0.417	0.111	0.174	0.032	0.057
12/10/2020	-0.259	-0.163	-0.255	0.136	-3.510	-0.395
12/11/2020	-0.112	-0.335	-0.282	1.302	0.726	0.582
12/14/2020	-0.467	-0.196	0.045	0.069	0.633	0.147
12/15/2020	1.413	0.889	0.072	0.318	1.499	-0.342
12/16/2020	0.204	0.467	1.275	0.468	1.514	-0.575
12/17/2020	0.473	0.552	-0.529	0.325	1.116	-0.186
12/18/2020	-0.512	-0.506	0.701	-0.342	-0.282	1.246
12/21/2020	-0.087	-0.675	0.259	-2.785	-0.272	0.011
12/22/2020	-0.172	-0.172	0.457	0.777	1.004	2.409
12/23/2020	0.080	0.334	0.154	0.315	-0.201	0.976
12/24/2020	0.312	0.347	-0.154	-0.170	0.980	0.339
12/28/2020	1.093	0.892	-0.163	-0.674	0.215	0.152
12/29/2020	-0.213	0.251	0.231	0.074	-0.241	0.073
12/30/2020	-0.066	0.114	0.384	0.505	-0.357	0.457
12/31/2020	0.572	0.146	-0.235	0.387	-0.264	0.678
1/4/2021	-1.561	-0.653	0.336	0.354	2.995	-0.113
1/5/2021	0.709	0.508	-0.519	-0.264	-3.106	0.154
1/6/2021	0.416	0.505	0.054	0.142	0.285	0.557
1/7/2021	1.403	1.168	-0.169	0.305	0.625	-0.024
1/8/2021	0.341	0.751	0.238	-0.091	-0.084	0.126
1/11/2021	-0.554	-0.697	-0.585	1.056	-0.047	-0.210
1/12/2021	-0.047	0.067	0.708	0.428	-0.410	-0.180
1/13/2021	0.347	0.295	-0.226	-0.226	0.084	0.083
1/14/2021	-0.409	-0.112	0.489	0.562	1.638	1.808
1/15/2021	-0.667	-0.754	-0.608	0.109	0.660	-0.329
1/19/2021	0.812	0.633	-0.111	0.502	-0.366	-0.832

1/20/2021	1.482	1.175	0.334	0.099	0.484	-0.653
1/21/2021	0.281	0.296	0.141	0.417	-0.082	-0.265
1/22/2021	-0.234	-0.393	-0.584	0.264	-0.165	0.015
1/25/2021	0.456	0.252	-0.076	-0.238	0.211	0.860
1/26/2021	0.028	-0.133	0.093	0.443	0.328	0.202
1/27/2021	-2.519	-2.083	-1.030	-0.117	1.110	-0.282
1/28/2021	0.890	0.311	0.632	-0.113	1.522	-0.166
1/29/2021	-1.966	-1.804	-0.421	-0.045	0.314	-0.431
2/1/2021	1.505	1.375	0.040	-0.252	-0.453	-0.747
2/2/2021	1.222	1.142	0.110	0.481	-1.570	0.782
2/3/2021	0.253	0.348	-0.079	0.224	0.177	1.441
2/4/2021	0.963	0.529	0.020	-0.211	-0.289	0.882
2/5/2021	0.415	0.522	-0.283	0.020	-2.068	-0.237
2/8/2021	0.599	0.624	-0.189	-0.285	0.316	0.284
2/9/2021	-0.161	0.026	0.000	-0.412	-2.136	0.875
2/10/2021	0.033	0.149	0.107	-0.185	-1.935	0.335
2/11/2021	0.121	0.153	-0.136	0.166	-0.529	2.070
2/12/2021	0.337	0.362	-0.515	-0.319	0.076	0.740
2/16/2021	-0.034	0.378	-2.130	0.332	-1.553	0.646
2/17/2021	-0.013	-0.291	-0.373	-1.002	-0.264	0.089
2/18/2021	-0.367	-0.458	0.928	0.266	-1.716	-0.276
2/19/2021	-0.218	-0.031	0.525	-0.414	0.358	0.655
2/22/2021	-0.713	-0.605	0.211	0.470	0.011	0.037
2/23/2021	0.194	0.114	0.097	-0.713	0.751	-0.273
2/24/2021	0.885	0.346	-0.404	-0.576	0.536	-0.270
2/25/2021	-2.411	-1.237	-0.665	1.237	-0.952	-0.341
2/26/2021	-0.441	-1.365	-0.518	-0.285	-0.675	0.008
3/1/2021	2.223	1.912	0.303	-0.451	-0.090	-0.018
3/2/2021	-0.798	-0.415	-0.768	0.066	-0.421	-0.096
3/3/2021	-1.260	-0.603	0.010	-0.230	0.500	-0.736
3/4/2021	-1.139	-1.038	-0.269	-0.359	-1.575	-0.373
3/5/2021	1.956	0.842	0.008	-0.439	0.102	-0.363
3/8/2021	-0.485	-0.272	-0.682	-0.088	0.527	-1.833
3/9/2021	1.220	1.116	0.225	-0.010	-2.235	0.559
3/10/2021	0.524	0.485	-0.221	-0.398	-0.243	2.318
3/11/2021	0.939	1.020	0.523	0.408	0.145	0.316
3/12/2021	0.065	-0.070	0.002	0.268	0.818	-0.020
3/15/2021	0.674	0.374	-1.578	-0.043	-1.224	0.108
3/16/2021	0.131	0.247	-0.113	0.171	-1.310	0.173
3/17/2021	0.267	0.035	0.500	0.192	-0.236	0.206
3/18/2021	-1.317	-0.617	0.112	-0.571	1.957	1.415
3/19/2021	-0.062	-0.375	0.100	-0.078	1.408	0.758
3/22/2021	0.794	0.489	0.583	-1.043	-0.148	0.143
3/23/2021	-0.711	-0.659	-0.171	-0.668	-0.608	0.889
3/24/2021	-0.540	-0.628	0.418	0.600	0.961	0.186
3/25/2021	0.468	0.233	0.109	0.776	0.946	-0.129
3/26/2021	1.679	1.493	0.002	0.241	-0.577	-1.614

3/29/2021	-0.008	0.039	-0.006	-0.727	1.693	-4.260
3/30/2021	-0.366	-0.321	0.523	0.190	-0.453	0.279
3/31/2021	0.340	0.074	-1.102	-0.600	0.050	-0.918
4/1/2021	1.202	1.050	1.129	0.589	-1.717	1.638
4/5/2021	1.511	1.243	0.129	-1.185	0.000	0.000
4/6/2021	-0.133	0.030	-0.160	0.210	0.000	0.000
4/7/2021	0.338	0.263	0.351	0.121	-0.725	-0.013
4/8/2021	0.359	0.346	0.047	0.425	0.714	-0.971
4/9/2021	0.870	0.555	0.265	0.077	0.361	1.272
4/12/2021	-0.154	-0.168	0.347	0.426	-1.167	0.850
4/13/2021	0.197	0.243	-0.064	-0.714	0.404	0.772
4/14/2021	-0.425	-0.088	0.434	-0.493	0.058	0.909
4/15/2021	1.151	0.968	0.053	0.435	0.425	1.469
4/16/2021	0.390	0.419	-0.137	0.062	0.298	0.107
4/19/2021	-0.443	-0.240	0.750	1.067	0.314	-1.226
4/20/2021	-0.707	-0.908	-0.002	1.023	0.958	0.634
4/21/2021	0.904	0.455	-0.379	-0.184	0.826	0.626
4/22/2021	-0.989	-0.371	0.172	0.004	0.586	-0.759
4/23/2021	1.141	0.775	0.021	0.375	0.372	0.125
4/26/2021	0.182	0.294	0.741	-0.081	-0.444	0.619
4/27/2021	0.048	-0.079	-0.028	0.288	0.489	0.089
4/28/2021	-0.073	0.083	0.178	-0.256	-0.222	0.967
4/29/2021	0.784	0.483	0.192	0.157	-0.183	0.688
4/30/2021	-0.770	-0.893	0.015	-0.201	0.217	-0.025
5/3/2021	0.258	0.319	0.483	0.436	0.078	0.547
5/4/2021	-0.723	-0.806	0.009	0.259	-0.528	0.699
5/5/2021	0.030	0.412	0.700	0.332	-0.941	0.156
5/6/2021	0.939	0.749	-0.395	0.798	0.214	1.074
5/7/2021	0.661	0.867	0.249	0.248	1.311	0.634
5/10/2021	-1.049	-0.554	0.035	0.476	-0.294	0.397
5/11/2021	-0.854	-1.279	0.261	-0.397	0.394	-0.470
5/12/2021	-2.157	-1.616	0.289	0.109	-0.155	-1.214
5/13/2021	1.359	0.452	0.620	0.000	0.000	-0.874
5/14/2021	1.426	1.481	-0.070	0.000	0.000	0.000
5/17/2021	-0.237	-0.120	2.875	0.000	0.078	0.000
5/18/2021	-0.905	-0.133	0.670	0.418	0.089	-0.978
5/19/2021	-0.196	-0.622	-0.677	0.146	-1.480	-0.973
5/20/2021	0.987	0.925	-0.717	-0.948	0.378	0.836
5/21/2021	-0.076	0.029	0.549	0.466	-0.028	1.202
5/24/2021	1.001	0.727	0.595	0.118	-0.006	4.053
5/25/2021	-0.151	0.062	-0.187	-0.674	-0.474	1.459
5/26/2021	0.133	0.132	-0.137	-0.617	-0.119	-0.259
5/27/2021	-0.019	-0.119	-0.128	-0.898	-0.102	-1.736
5/28/2021	0.109	0.329	-0.966	0.419	0.998	1.714
6/1/2021	-0.126	0.311	-0.948	0.248	-0.365	0.000
6/2/2021	0.198	0.139	1.481	0.096	0.304	0.000
6/3/2021	-0.326	-0.385	-0.481	0.098	-0.157	-0.297

6/4/2021	0.840	0.776	-0.297	0.052	0.890	-0.349
6/7/2021	0.065	0.065	0.793	0.318	0.056	0.171
6/8/2021	-0.042	0.020	0.389	-0.375	0.150	0.993
6/9/2021	-0.170	-0.179	0.507	0.073	0.599	0.198
6/10/2021	0.444	0.345	-0.644	-0.141	0.226	0.371
6/11/2021	0.203	0.146	0.009	0.191	-0.199	-0.017
6/14/2021	0.235	0.194	-0.051	0.767	0.066	0.096
6/15/2021	-0.222	-0.028	0.971	-0.501	-0.415	0.300
6/16/2021	-0.466	-0.271	1.204	-0.471	-0.078	0.407
6/17/2021	-0.023	-0.439	1.190	-0.889	0.249	-0.138
6/18/2021	-1.387	-1.378	-0.929	-0.029	0.937	-0.530
6/21/2021	1.334	0.835	-0.577	1.310	-0.159	0.360
6/22/2021	0.537	0.523	0.338	0.113	-0.352	0.246
6/23/2021	-0.184	-0.053	0.447	0.245	-0.475	-0.347
6/24/2021	0.505	0.488	0.363	-0.303	0.448	-0.349
6/25/2021	0.317	0.421	0.515	-0.187	0.297	0.289
6/28/2021	0.346	0.000	-2.090	0.277	0.060	0.028
6/29/2021	0.097	-0.004	0.031	-0.880	0.521	-0.046
6/30/2021	0.102	-0.182	-0.990	0.196	0.561	0.099
7/1/2021	0.516	0.311	0.540	0.098	-0.758	0.685
7/2/2021	0.885	0.559	0.341	-0.055	0.153	-0.156
7/6/2021	-0.057	-0.136	0.355	-1.567	0.774	0.466
7/7/2021	0.394	0.193	1.291	0.702	0.385	0.694
7/8/2021	-0.921	-0.983	0.759	0.157	0.173	1.198
7/9/2021	1.065	0.919	1.438	-0.097	-0.373	-0.153
7/12/2021	0.366	0.580	-0.511	0.154	-0.739	-0.857
7/13/2021	-0.245	-0.068	-0.166	0.230	-0.071	0.022
7/14/2021	0.235	0.032	0.996	0.108	-0.033	0.532
7/15/2021	-0.321	-0.432	-0.167	-0.182	0.229	1.333
7/16/2021	-0.779	-0.688	-0.811	0.144	0.098	-0.130
7/19/2021	-1.643	-1.734	-0.476	0.325	0.624	-0.129
7/20/2021	1.452	0.846	-1.803	-0.174	0.000	0.000
7/21/2021	0.824	0.916	0.778	0.000	0.000	0.000
7/22/2021	0.301	0.399	0.058	0.000	0.701	0.032
7/23/2021	1.102	0.633	-0.061	0.286	0.204	-0.206
7/26/2021	0.282	0.100	-0.466	-0.138	0.032	0.275
7/27/2021	-0.564	-0.588	0.312	0.220	0.332	-1.173
7/28/2021	-0.105	-0.004	-0.118	0.121	-0.520	-0.240
7/29/2021	0.361	0.927	1.416	0.685	-0.124	0.784
7/30/2021	-0.718	-0.798	0.125	-0.043	0.000	-0.260
8/2/2021	-0.186	0.308	0.184	1.015	-0.156	-0.612
8/3/2021	0.790	0.490	-0.374	-0.222	-0.005	-0.502
8/4/2021	-0.445	-0.235	-0.322	-0.152	-0.578	0.119
8/5/2021	0.571	0.406	0.450	0.247	0.087	0.259
8/6/2021	0.189	-0.083	-0.693	-0.011	-0.510	1.315
8/9/2021	-0.184	-0.068	0.529	0.060	0.358	0.911
8/10/2021	0.075	0.175	-0.276	0.359	0.016	-0.167

8/11/2021	0.290	0.325	0.349	0.411	0.384	-0.062
8/12/2021	0.357	0.178	-0.303	-0.294	-0.097	0.059
8/13/2021	0.236	0.256	1.152	0.555	0.221	0.286
8/16/2021	0.394	-0.083	-0.367	0.682	0.420	0.783
8/17/2021	-0.778	-0.795	0.667	-0.529	0.418	2.806
8/18/2021	-1.150	-0.726	-0.574	-0.083	-0.295	-0.463
8/19/2021	0.226	-0.578	-0.066	-0.133	0.300	-1.485
8/20/2021	0.894	0.454	0.835	-0.082	-0.354	0.719
8/23/2021	0.772	1.040	0.191	1.134	-0.193	0.726
8/24/2021	0.173	0.459	0.311	0.340	0.032	-0.014
8/25/2021	0.221	0.099	-1.023	-0.064	-0.458	-0.561
8/26/2021	-0.573	-0.502	0.463	0.465	-0.043	0.311
8/27/2021	0.891	0.667	-0.312	0.605	-0.124	0.018
8/30/2021	0.461	0.432	0.322	0.389	-0.461	-0.724
8/31/2021	-0.159	0.043	-0.342	-0.610	-0.136	-1.790
9/1/2021	0.032	0.282	1.060	0.428	0.434	-0.411
9/2/2021	0.178	0.230	0.035	0.185	0.895	-1.022
9/3/2021	-0.021	0.058	-0.192	0.319	-0.258	-1.088
9/7/2021	-0.291	-0.047	0.837	-0.962	0.081	-1.141
9/8/2021	-0.159	-0.355	-1.516	0.083	0.113	0.534
9/9/2021	-0.533	-0.537	0.848	1.026	-0.641	0.893
9/10/2021	-0.837	-0.418	0.520	-0.448	0.254	0.496
9/13/2021	0.375	0.193	0.232	-0.051	-0.178	0.286
9/14/2021	-0.580	-0.336	-0.682	0.230	0.507	-0.178
9/15/2021	0.804	0.308	-0.255	-0.043	-0.242	-0.284
9/16/2021	-0.157	-0.229	0.076	-0.628	-0.070	0.590
9/17/2021	-1.016	-0.805	-0.090	0.507	0.000	1.491
9/20/2021	-1.760	-1.643	0.724	-1.163	-0.135	-0.644
9/21/2021	-0.108	0.065	-0.479	-0.551	0.038	-1.968
9/22/2021	0.800	0.794	0.733	0.367	-0.590	-0.460
9/23/2021	1.192	1.062	0.930	0.669	0.114	-0.050
9/24/2021	0.098	-0.087	-0.718	0.213	0.928	-0.113
9/27/2021	-0.326	-0.131	-0.180	-0.452	-0.668	-0.015
9/28/2021	-2.145	-1.860	-0.120	0.013	0.964	-0.424
9/29/2021	0.104	-0.166	0.590	-0.336	1.225	-0.127
9/30/2021	-1.203	-0.840	0.634	0.215	0.749	0.527
10/1/2021	1.198	0.560	0.990	-0.441	0.026	1.205
10/4/2021	-1.452	-0.921	-0.108	-0.186	-0.966	0.071
10/5/2021	1.060	0.672	0.307	-0.453	0.892	-1.494
10/6/2021	0.479	-0.025	0.731	0.243	0.451	-0.124
10/7/2021	0.833	1.157	0.863	0.161	0.470	-0.801
10/8/2021	-0.187	0.028	-0.605	0.505	0.099	-0.778
10/11/2021	-0.682	-0.234	-0.422	0.294	-0.977	0.000
10/12/2021	-0.364	-0.409	0.274	0.224	0.967	0.000
10/13/2021	0.293	0.337	0.186	0.324	0.689	-0.216
10/14/2021	1.779	1.491	0.216	0.967	0.736	0.408
10/15/2021	0.795	0.949	0.729	0.104	0.924	0.909

10/18/2021	0.262	0.075	-0.503	0.857	-0.310	-0.289
10/19/2021	0.738	0.661	0.456	-0.209	-0.046	-1.100
10/20/2021	0.351	0.427	0.717	-0.239	0.808	0.000
10/21/2021	0.246	0.066	-0.490	0.199	-0.162	0.000
10/22/2021	-0.303	0.062	0.893	-0.140	-0.046	0.491
10/25/2021	0.151	0.280	-0.427	0.171	-0.107	-1.118
10/26/2021	0.378	0.427	0.622	1.086	-0.112	-0.300
10/27/2021	-0.300	-0.291	-0.930	0.453	0.264	0.002
10/28/2021	0.948	0.828	0.252	0.942	0.490	0.768
10/29/2021	0.126	-0.150	-0.492	-0.508	0.252	-0.043
11/1/2021	-0.078	0.374	-0.192	0.140	-0.727	-0.990
11/2/2021	0.532	0.253	0.283	0.732	-0.916	-0.368
11/3/2021	0.707	0.509	-0.507	0.106	0.286	-0.022
11/4/2021	0.581	0.563	0.274	-0.517	-0.245	-0.869
11/5/2021	0.474	0.231	0.036	-0.441	1.032	-1.107
11/8/2021	0.203	0.095	0.237	-0.169	0.444	-0.163
11/9/2021	-0.009	-0.284	1.150	0.267	1.022	0.620
11/10/2021	-0.932	-0.643	-0.979	-0.801	-0.285	1.037
11/11/2021	0.037	0.000	-0.581	-0.003	-1.491	-0.250
11/12/2021	0.803	0.563	0.566	-0.320	0.496	-0.576
11/15/2021	-0.013	0.027	1.233	-0.372	-0.015	-0.579
11/16/2021	0.309	0.235	0.094	-0.429	-0.177	-0.173
11/17/2021	-0.256	-0.258	0.551	-0.069	-0.910	-0.433
11/18/2021	0.572	0.311	0.477	-0.203	-0.435	0.104
11/19/2021	-0.110	-0.193	-0.531	0.150	-0.473	-0.394
11/22/2021	-0.412	-0.403	-1.843	-0.186	0.170	-2.010
11/23/2021	0.265	-0.095	0.019	0.067	-1.060	-0.639
11/24/2021	0.195	0.008	-0.253	-0.084	-0.432	-1.246
11/26/2021	-2.419	-2.261	-0.957	-0.230	-0.413	1.154
11/29/2021	1.297	0.772	-1.972	-1.380	-0.042	-0.448
11/30/2021	-1.799	-1.551	-0.838	0.236	-0.568	-0.845
12/1/2021	-0.998	-0.067	1.135	1.027	-0.079	-0.903
12/2/2021	1.301	0.716	-0.377	-0.064	-0.768	-1.005
12/3/2021	-0.786	-0.768	-0.151	-0.241	-0.517	-1.379
12/6/2021	1.266	0.869	0.938	0.474	-0.177	-0.995
12/7/2021	2.034	2.094	0.019	0.244	0.198	-0.809
12/8/2021	0.295	0.259	2.136	0.148	0.437	1.693
12/9/2021	-0.508	-0.584	-0.253	-0.208	0.969	0.623
12/10/2021	0.878	0.531	0.093	0.364	1.480	1.372
12/13/2021	-0.930	-0.922	-0.415	0.080	0.528	0.000
12/14/2021	-0.730	-0.756	0.372	-0.217	-0.773	0.000
12/15/2021	1.716	1.174	-1.487	-0.310	0.338	0.212
12/16/2021	-0.921	-0.215	1.024	-0.007	0.047	0.261
12/17/2021	-1.110	-1.026	-1.311	-0.026	-0.239	-0.021
12/20/2021	-1.080	-1.244	-0.156	-0.602	0.952	0.290
12/21/2021	1.690	1.550	0.285	-0.015	-0.501	0.968
12/22/2021	0.908	1.045	0.339	0.179	-0.290	0.817

12/23/2021	0.532	0.750	0.379	0.766	-0.213	1.509
12/27/2021	1.379	1.001	1.635	0.008	-1.303	0.000
12/28/2021	-0.112	0.079	-0.665	0.297	0.016	0.000
12/29/2021	0.117	0.098	-0.102	0.796	1.303	-0.479
12/30/2021	-0.308	-0.312	-0.506	0.209	-0.172	-1.065
12/31/2021	-0.301	-0.053	0.402	-0.248	2.581	1.178
1/3/2022	0.586	0.458	0.046	-0.638	-0.132	0.290
1/4/2022	-0.069	0.251	0.088	0.165	-1.826	1.087
1/5/2022	-1.908	-1.309	0.409	0.340	-0.233	0.502
1/6/2022	-0.155	-0.612	0.212	0.274	0.026	0.562
1/7/2022	-0.243	-0.099	0.216	0.594	0.228	-0.018
1/10/2022	-0.159	-0.252	0.102	-0.210	0.696	-1.746
1/11/2022	0.886	0.860	-0.105	0.150	-0.154	-0.677
1/12/2022	0.253	0.800	0.471	0.608	0.892	-1.338
1/13/2022	-1.346	-0.937	0.325	0.297	0.138	-1.050
1/14/2022	0.097	-0.217	0.003	0.869	-0.168	0.217
1/18/2022	-1.960	-1.452	0.192	-1.118	0.087	-0.342
1/19/2022	-1.006	-0.853	-0.273	-0.537	-0.020	-0.479
1/20/2022	-1.151	-0.351	-0.009	0.068	1.080	0.971
1/21/2022	-1.712	-1.658	-0.008	0.103	-0.922	0.027
1/24/2022	0.223	-0.741	-0.283	-0.557	-0.367	-0.305
1/25/2022	-1.258	-0.989	-0.562	-0.610	-0.118	-1.117
1/26/2022	0.002	0.278	-0.089	-0.048	-0.302	-1.109
1/27/2022	-0.322	-0.899	0.061	-0.469	-0.556	-0.270
1/28/2022	2.585	1.693	0.884	0.126	1.170	0.779
1/31/2022	1.585	1.527	-0.613	0.393	0.853	1.377
2/1/2022	0.562	0.757	0.262	0.454	1.789	1.512
2/2/2022	1.248	1.050	-0.072	0.578	-0.788	0.767
2/3/2022	-2.760	-1.527	-0.075	0.400	0.035	0.383
2/4/2022	0.515	0.345	-0.130	-0.019	0.060	0.120
2/7/2022	-0.431	-0.106	0.257	-0.207	-0.115	-0.218
2/8/2022	0.938	0.543	0.118	-0.104	-0.276	0.827
2/9/2022	1.381	1.358	0.356	0.177	0.251	-0.952
2/10/2022	-1.860	-1.129	0.617	0.364	0.515	0.650
2/11/2022	-2.106	-1.571	-0.097	-0.396	-0.550	-0.408
2/14/2022	-0.262	-0.872	0.125	-1.323	0.335	-0.267
2/15/2022	1.688	1.282	-0.125	0.209	-0.145	-0.963
2/16/2022	0.093	0.353	1.096	-0.027	-0.140	0.523
2/17/2022	-2.229	-1.540	0.929	-0.229	0.385	0.264
2/18/2022	-0.759	-0.851	0.038	-0.641	-0.150	0.019
2/22/2022	-0.970	-1.223	-0.856	-1.188	0.359	-0.303
2/23/2022	-1.898	-1.317	-0.040	-0.450	-0.454	-1.683
2/24/2022	1.322	-0.450	-1.339	-4.743	-0.180	-3.309
2/25/2022	2.185	2.289	0.590	1.329	0.739	1.360
2/28/2022	-0.574	-0.174	-0.630	-0.066	0.189	-0.338
3/1/2022	-1.841	-1.542	0.026	0.099	-0.144	-0.089
3/2/2022	1.890	1.071	-0.130	-0.846	-1.059	1.125

3/3/2022	-0.471	-0.538	0.175	-0.402	-0.121	1.124
3/4/2022	-1.083	-1.620	-0.716	-1.037	-0.590	0.344
3/7/2022	-3.240	-2.752	1.129	-4.996	0.761	-1.460
3/8/2022	-0.757	-0.811	-0.719	-0.311	-0.529	-1.259
3/9/2022	2.764	2.853	-0.768	1.713	0.634	-1.190
3/10/2022	-0.523	-0.264	1.282	-1.181	-0.352	0.135
3/11/2022	-1.237	-1.080	0.214	0.909	0.897	0.468
3/14/2022	-0.689	-0.587	-1.884	0.111	-0.110	-0.078
3/15/2022	2.314	1.209	0.121	-0.466	-0.325	0.197
3/16/2022	2.363	2.502	0.786	0.968	-0.286	0.208
3/17/2022	1.037	1.603	-0.615	1.461	0.176	-1.209
3/18/2022	1.159	0.886	0.352	-0.505	-0.241	-0.354
3/21/2022	-0.083	0.028	0.447	-1.960	-0.580	0.898
3/22/2022	1.235	1.041	-0.144	-0.212	0.035	0.709
3/23/2022	-1.275	-0.773	0.665	-0.691	-0.487	-0.562
3/24/2022	1.525	0.888	0.231	-0.211	-1.032	-0.405
3/25/2022	0.444	0.253	-0.300	0.162	0.067	0.375
3/28/2022	0.918	0.454	0.294	-1.185	-1.140	-0.675
3/29/2022	1.230	1.488	0.316	1.237	0.099	-0.202
3/30/2022	-0.732	-0.381	1.116	-0.094	0.181	-0.705
3/31/2022	-1.711	-1.427	-0.302	0.309	-0.863	-1.294
4/1/2022	0.237	0.051	-0.366	-0.389	-0.923	-0.277
4/4/2022	0.970	0.837	0.537	0.805	-0.369	0.990
4/5/2022	-1.384	-1.046	-0.227	-0.202	0.769	0.263
4/6/2022	-1.230	-1.318	-0.276	-0.077	-0.131	-0.619
4/7/2022	0.300	0.032	-0.678	-0.718	-0.016	-0.342
4/8/2022	-0.416	-0.072	2.599	0.059	-0.174	-0.166
4/11/2022	-1.796	-1.494	0.096	-1.393	1.042	-1.038
4/12/2022	-0.383	-0.424	0.534	0.225	1.201	0.707
4/13/2022	1.157	0.891	0.174	0.162	1.009	1.018
4/14/2022	-1.373	-0.858	0.231	-0.534	0.265	-0.018
4/18/2022	0.024	-0.139	-0.049	0.438	0.000	0.000
4/19/2022	1.682	0.831	-0.125	-0.665	0.000	0.000
4/20/2022	0.044	0.502	-0.137	-0.162	-1.014	-0.175
4/21/2022	-1.316	-1.026	-0.256	0.165	0.245	-0.175
4/22/2022	-2.833	-2.615	0.459	-0.097	0.626	-1.108
4/25/2022	0.781	-0.272	-0.156	-0.289	1.005	-0.555
4/26/2022	-3.096	-2.310	-0.073	-0.090	-0.579	-1.743
4/27/2022	0.261	-0.056	0.077	-0.501	-0.425	-1.358
4/28/2022	2.418	1.886	0.249	0.972	0.122	-0.781
4/29/2022	-3.945	-2.153	0.306	0.188	0.278	0.000
5/2/2022	0.611	-0.082	0.137	0.000	0.000	0.000
5/3/2022	0.400	0.478	0.075	0.000	0.000	0.000
5/4/2022	2.945	1.740	0.040	0.000	-0.066	0.000
5/5/2022	-3.831	-2.546	-1.099	-0.245	1.762	-1.188
5/6/2022	-0.541	-0.717	-0.527	-0.223	0.808	-2.125
5/9/2022	-3.073	-3.067	-0.267	-1.424	0.777	-0.068

5/10/2022	0.289	0.144	-0.232	-1.677	1.690	-0.790
5/11/2022	-1.892	-0.694	-0.021	-0.016	-0.778	0.150
5/12/2022	-0.349	-0.785	-0.297	-1.531	-0.374	-0.944
5/13/2022	2.382	2.189	0.229	0.611	0.636	-2.078
5/16/2022	-0.515	-0.129	0.008	-0.212	-0.831	0.166
5/17/2022	2.135	1.966	0.421	0.446	0.000	0.398
5/18/2022	-4.251	-2.795	-0.801	-0.200	-1.648	-2.120
5/19/2022	-0.758	-0.818	-0.221	0.679	0.973	-2.339
5/20/2022	-0.055	0.394	0.088	-0.319	-0.522	-0.704
5/23/2022	2.004	1.831	0.367	-0.124	-0.163	-2.716
5/24/2022	-0.917	-0.712	-0.780	-0.939	-1.797	-0.878
5/25/2022	0.898	0.557	-0.442	-0.649	-0.698	0.548
5/26/2022	2.007	1.390	-0.484	0.254	0.420	1.135
5/27/2022	2.504	2.056	0.505	-0.490	0.740	0.380
5/31/2022	-0.461	-0.047	-0.580	-0.143	-1.949	-0.194
6/1/2022	-0.727	-0.672	0.536	0.110	-0.857	0.000
6/2/2022	1.774	1.186	-0.387	0.660	-0.590	0.000
6/3/2022	-1.869	-1.104	-0.150	0.317	0.574	0.775
6/6/2022	0.359	0.414	0.452	0.245	0.201	0.205
6/7/2022	0.791	0.395	-0.718	0.515	-0.021	0.178
6/8/2022	-1.093	-0.645	-0.494	0.276	-0.129	-0.004
6/9/2022	-2.398	-2.114	0.264	-0.605	-1.422	-0.448
6/10/2022	-3.127	-2.946	-0.653	-0.746	1.025	-0.496
6/13/2022	-3.913	-3.570	-0.349	-1.539	-0.186	-1.111
6/14/2022	-0.344	-0.703	-0.397	-1.772	-1.884	-0.755
6/15/2022	1.675	1.116	-0.726	0.135	-1.453	-1.693
6/16/2022	-3.178	-2.273	-0.204	-0.512	0.043	-1.853
6/17/2022	0.480	-0.326	-0.258	-0.955	-0.937	-1.700
6/21/2022	2.555	2.271	-0.841	0.673	-0.755	-1.610
6/22/2022	0.066	-0.325	0.516	-0.878	1.616	-1.567
6/23/2022	1.062	0.353	-0.507	-1.287	0.806	-0.256
6/24/2022	3.069	2.582	-0.331	0.508	-1.064	-0.913
6/27/2022	-0.443	0.233	-0.790	-0.677	-0.016	-0.346
6/28/2022	-2.265	-1.356	-0.547	-0.243	0.761	1.064
6/29/2022	0.106	-0.343	-0.176	-0.101	-0.155	3.962
6/30/2022	-1.003	-1.271	-0.677	0.034	-0.193	2.853
7/1/2022	0.959	0.333	-0.405	-1.375	0.582	0.511
7/5/2022	0.397	-0.253	-1.091	-3.631	-2.049	4.827
7/6/2022	0.422	0.221	-0.475	0.489	-0.120	1.205
7/7/2022	1.529	1.573	-0.457	1.174	0.369	1.056
7/8/2022	-0.049	0.078	-0.810	-0.035	-0.027	0.878
7/11/2022	-1.209	-1.137	1.242	-0.150	-1.277	0.000
7/12/2022	-0.871	-0.787	-0.065	-0.471	-0.115	0.000
7/13/2022	-0.457	-0.330	-0.055	0.378	-0.044	0.047
7/14/2022	-0.130	-0.881	-1.230	-1.424	-0.496	2.903
7/15/2022	1.910	1.783	0.125	0.498	0.144	-1.283
7/18/2022	-0.954	0.009	-0.595	0.479	0.721	-2.567

7/19/2022	2.645	2.224	-0.048	1.956	-0.362	-2.422
7/20/2022	0.479	0.479	1.124	0.497	-0.989	-0.757
7/21/2022	1.049	0.581	0.079	0.844	-1.050	0.552
7/22/2022	-0.930	-0.458	0.294	-0.239	-0.823	0.956
7/25/2022	-0.015	0.023	-0.225	-0.783	-0.858	1.005
7/26/2022	-1.328	-0.876	-0.624	-0.050	-2.814	-0.598
7/27/2022	2.784	1.781	-0.612	-0.550	-0.914	1.356
7/28/2022	1.146	1.235	0.172	0.518	-1.854	2.295
7/29/2022	1.454	1.194	-1.263	0.081	3.178	0.524
8/1/2022	-0.226	0.009	1.511	0.395	0.624	-1.561
8/2/2022	-0.761	-0.954	0.051	-0.616	1.500	0.560
8/3/2022	1.879	1.006	-0.061	-0.047	0.097	-0.003
8/4/2022	0.043	0.298	0.810	1.404	0.752	0.639
8/5/2022	-0.265	-0.193	0.111	0.257	-0.495	0.852
8/8/2022	-0.208	0.105	-0.091	0.628	-0.217	1.651
8/9/2022	-0.460	-0.439	1.720	-0.012	-0.596	0.000
8/10/2022	2.216	1.879	0.613	0.662	0.505	0.000
8/11/2022	-0.200	0.104	-0.156	0.292	-1.249	1.536
8/12/2022	1.798	1.094	-0.730	-0.274	0.710	-1.511
8/15/2022	0.466	0.239	-0.169	-0.828	-1.047	0.304
8/16/2022	0.258	0.072	-0.721	0.056	-0.134	0.266
8/17/2022	-0.736	-0.653	-0.866	0.670	-0.356	-0.471
8/18/2022	0.141	0.124	0.010	0.476	-0.592	-0.610
8/19/2022	-1.348	-1.296	0.170	-0.383	-0.112	-0.761
8/22/2022	-2.214	-1.815	-0.983	-0.398	-0.797	-1.165
8/23/2022	-0.351	-0.283	3.474	-0.176	0.739	-1.016
8/24/2022	0.180	0.084	0.596	-0.023	-0.289	-1.261
8/25/2022	1.373	1.213	0.060	0.476	-0.456	-1.303
8/26/2022	-3.591	-2.544	0.421	-0.081	0.337	-0.697
8/29/2022	-0.790	-1.000	-1.472	-0.697	-0.742	-0.123
8/30/2022	-1.027	-0.827	-0.158	-0.285	0.238	-0.211
8/31/2022	-0.854	-0.673	-0.428	-0.391	0.598	-0.593
9/1/2022	0.393	-0.682	-0.045	-0.664	-0.652	-0.029
9/2/2022	-1.186	-0.157	0.169	0.480	0.344	0.359
9/6/2022	-0.409	-0.903	-0.279	0.246	-0.934	6.034
9/7/2022	1.871	0.857	2.061	0.089	-0.203	-2.125
9/8/2022	0.615	0.702	0.166	-0.711	0.227	-0.217
9/9/2022	1.516	1.707	-0.841	-0.104	0.060	-1.233
9/12/2022	1.146	1.393	1.671	0.962	0.233	-1.629
9/13/2022	-4.559	-3.547	-2.536	-0.623	-0.442	0.000
9/14/2022	0.326	-0.255	0.269	-0.537	-0.450	0.000
9/15/2022	-1.136	-1.002	-0.132	-0.639	-0.331	-2.450
9/16/2022	-0.659	-0.865	-0.251	0.549	-1.962	-1.582
9/19/2022	0.768	0.368	-0.579	-0.099	0.583	0.227
9/20/2022	-1.154	-0.898	2.093	0.579	-0.257	1.122
9/21/2022	-1.759	-1.507	0.010	-0.725	-1.197	0.029
9/22/2022	-0.765	-0.891	-1.224	-0.314	-0.062	-0.012

9/23/2022	-1.581	-2.019	-0.577	-0.358	0.068	0.121
9/26/2022	-0.909	-1.208	-1.393	-1.348	0.037	-0.464
9/27/2022	-0.193	-0.211	-0.288	-1.326	-1.192	-1.829
9/28/2022	1.745	1.126	1.275	-1.930	-0.832	0.340
9/29/2022	-2.308	-1.368	0.268	0.121	-0.451	-1.429
9/30/2022	-1.667	-1.035	0.307	0.114	0.184	-0.353
10/3/2022	2.340	2.198	0.099	-0.951	-0.210	-0.104
10/4/2022	2.994	3.238	0.178	1.438	-1.152	-1.277
10/5/2022	-0.273	-0.174	-0.246	0.128	-1.707	-1.773
10/6/2022	-1.197	-0.850	0.301	0.471	0.301	-0.827
10/7/2022	-3.101	-2.444	-0.405	-0.246	0.130	1.759
10/10/2022	-0.749	-0.939	-1.039	-0.470	-0.346	0.000
10/11/2022	-0.635	-0.882	2.955	0.117	-1.595	0.000
10/12/2022	-0.256	-0.275	-0.166	-1.203	-0.047	0.792
10/13/2022	2.586	1.806	-0.377	-0.296	0.398	-1.295
10/14/2022	-2.348	-1.165	-0.185	-0.487	0.798	1.598
10/17/2022	2.765	2.083	-0.673	0.693	0.354	-0.182
10/18/2022	1.075	1.043	-0.102	-0.147	0.229	-0.290
10/19/2022	-0.840	-0.780	-0.068	-0.262	-0.484	0.237
10/20/2022	-0.706	-0.328	-1.000	-0.868	-0.309	0.000
10/21/2022	2.448	1.363	2.402	-0.747	0.315	0.000
10/24/2022	1.224	1.083	-0.254	0.027	-0.072	0.408
10/25/2022	1.667	1.535	0.215	1.198	-0.692	-0.279
10/26/2022	-1.088	-0.225	0.343	-0.623	0.159	0.879
10/27/2022	-0.648	-0.408	-0.330	-2.491	0.461	0.689
10/28/2022	2.482	1.323	-0.481	-0.256	0.492	-0.833
10/31/2022	-0.821	-0.447	0.126	-1.316	-0.920	0.183
11/1/2022	-0.681	-0.119	-0.480	0.769	-0.669	-0.254
11/2/2022	-2.507	-1.616	-0.115	-0.767	1.077	-0.809
11/3/2022	-1.323	-1.347	-0.903	-0.769	-1.257	-0.163
11/4/2022	1.488	1.845	-0.134	0.083	0.073	-0.309
11/7/2022	0.932	1.170	-0.510	0.992	-0.080	-0.495
11/8/2022	0.559	0.869	0.546	-0.752	-0.849	-0.236
11/9/2022	-2.191	-1.673	1.527	1.537	-0.491	0.304
11/10/2022	5.698	4.543	0.496	-1.202	1.699	0.531
11/11/2022	0.916	1.681	0.369	-0.008	-0.505	-0.446
11/14/2022	-0.953	-0.671	0.579	1.683	0.764	0.127
11/15/2022	0.736	0.847	-0.098	0.739	0.297	0.053
11/16/2022	-0.779	-0.647	0.235	0.773	2.360	1.386
11/17/2022	-0.224	-0.491	0.117	1.679	-0.685	-0.345
11/18/2022	0.506	0.632	0.223	0.134	1.257	0.357
11/21/2022	-0.487	-0.705	-0.486	-0.889	1.576	-0.495
11/22/2022	1.318	1.265	-0.775	0.793	1.004	-1.081
11/23/2022	0.715	0.745	0.525	0.244	0.963	0.052
11/25/2022	-0.095	0.219	-0.241	0.627	-0.254	0.409
11/28/2022	-1.512	-1.361	-0.133	0.551	-0.528	-0.378
11/29/2022	-0.302	-0.104	0.453	0.845	0.006	0.431

11/30/2022	3.329	2.102	0.126	-0.111	0.100	-0.745
12/1/2022	-0.174	0.747	-0.878	2.362	1.213	-0.023
12/2/2022	-0.215	-0.366	-0.163	0.081	0.417	-0.399
12/5/2022	-1.799	-1.120	0.290	2.653	-0.694	-1.398
12/6/2022	-1.370	-1.263	0.023	0.737	0.154	0.476
12/7/2022	-0.227	-0.326	0.368	0.938	0.018	0.754
12/8/2022	0.794	0.557	0.213	0.135	-0.444	0.183
12/9/2022	-0.738	-0.285	-0.036	-0.081	0.235	-0.104
12/12/2022	1.437	0.735	-0.262	-0.207	0.443	0.000
12/13/2022	0.653	1.170	0.403	1.273	0.783	0.000
12/14/2022	-0.650	-0.325	-0.521	0.663	-0.183	-0.271
12/15/2022	-2.628	-2.554	-0.068	-0.811	1.827	0.109
12/16/2022	-1.194	-1.163	-0.068	-1.347	0.269	0.264
12/19/2022	-0.981	-0.724	0.112	-1.264	-0.209	0.149
12/20/2022	-0.022	0.302	0.216	-1.450	0.478	-0.033
12/21/2022	1.440	1.260	0.158	0.365	-1.163	-0.339
12/22/2022	-1.556	-1.028	0.121	0.081	0.673	0.173
12/23/2022	0.464	0.319	-0.349	-0.054	0.818	-0.205
12/27/2022	-0.609	-0.139	0.422	0.175	0.131	0.000
12/28/2022	-1.194	-1.009	-0.625	-0.238	-0.291	0.000
12/29/2022	1.812	1.235	0.310	-0.309	0.202	-0.639
12/30/2022	-0.283	-0.356	0.594	-0.793	-1.051	-0.061
1/3/2023	-0.398	-0.005	0.005	0.162	0.914	0.140
1/4/2023	0.608	0.816	-0.803	-1.775	-0.060	-0.241
1/5/2023	-1.383	-1.002	0.199	-2.164	0.149	0.263
1/6/2023	2.364	2.075	-0.657	-1.614	0.374	0.163
1/9/2023	0.091	0.621	0.905	1.083	-0.154	-0.257
1/10/2023	0.625	0.311	0.322	-0.570	0.272	-0.780
1/11/2023	1.483	1.124	-0.871	-2.366	0.095	-0.307
1/12/2023	0.301	0.705	-0.299	1.787	1.192	-0.289
1/13/2023	0.521	0.687	0.362	1.389	0.999	-0.746
1/17/2023	-0.202	-0.066	0.008	0.841	-0.941	-1.933
1/18/2023	-1.563	-0.767	0.183	-0.194	0.111	-0.937
1/19/2023	-0.850	-0.970	-1.972	-0.690	-0.274	1.710
1/20/2023	1.982	1.420	-0.260	-0.320	0.181	1.089
1/23/2023	1.306	0.974	0.548	0.801	-0.444	0.754
1/24/2023	-0.068	0.061	-0.503	0.813	-0.064	-0.665
1/25/2023	-0.022	0.109	0.033	1.145	0.217	0.915
1/26/2023	1.078	0.677	-0.094	-1.232	0.426	-0.574
1/27/2023	0.519	0.225	-0.114	-0.411	-0.105	0.156
1/30/2023	-1.309	-0.828	0.018	0.820	0.570	-0.515
1/31/2023	1.584	0.789	-0.452	-0.571	-0.099	-0.244
2/1/2023	1.122	0.762	0.347	-0.164	0.729	1.213
2/2/2023	1.680	1.168	0.424	0.600	0.075	0.005
2/3/2023	-1.038	-0.894	-1.156	-0.323	0.523	1.089
2/6/2023	-0.649	-1.100	-0.930	0.156	-0.477	0.374
2/7/2023	1.254	0.972	-0.523	1.606	-0.046	-0.957

2/8/2023	-1.090	-0.592	-0.059	1.419	0.109	-0.096
2/9/2023	-0.910	-0.367	-0.127	1.806	0.413	0.291
2/10/2023	0.024	-0.182	0.071	-0.332	0.400	-0.178
2/13/2023	1.254	0.914	0.437	-1.260	-0.080	-0.255
2/14/2023	0.018	-0.009	0.211	-0.895	0.011	-0.170
2/15/2023	0.359	-0.133	-0.155	0.185	-0.429	0.073
2/16/2023	-1.480	-0.737	-0.613	-0.148	0.623	-0.055
2/17/2023	-0.222	-0.473	0.031	0.614	-0.302	0.241
2/21/2023	-2.188	-1.300	-0.104	-1.734	-0.441	-1.132
2/22/2023	-0.112	-0.468	-0.058	-0.307	0.412	-0.194
2/23/2023	0.645	0.309	0.105	0.631	0.223	-0.723
2/24/2023	-1.135	-1.194	-0.634	0.906	0.609	-0.022
2/27/2023	0.363	0.468	-0.221	0.384	0.869	-1.022
2/28/2023	-0.321	-0.276	-0.118	0.277	1.479	0.410
3/1/2023	-0.627	-0.219	0.149	0.067	0.155	0.006
3/2/2023	0.665	0.530	0.204	-1.377	-0.705	-0.128
3/3/2023	1.653	1.324	-0.425	-0.342	0.322	-0.202
3/6/2023	0.082	0.376	-0.070	-0.321	-0.033	-0.486
3/7/2023	-1.626	-1.456	-0.969	-1.186	-1.061	-2.140
3/8/2023	0.169	-0.013	-0.179	-0.452	0.353	-3.221
3/9/2023	-1.922	-1.132	-0.050	0.023	0.140	-0.438
3/10/2023	-1.473	-1.236	0.474	0.356	0.279	-1.352
3/13/2023	-0.102	-0.405	-0.033	-1.821	-1.193	-1.841
3/14/2023	1.720	0.966	-0.151	-0.090	0.023	-1.114
3/15/2023	-0.331	-1.158	-0.494	-2.032	-2.216	-2.388
3/16/2023	1.918	1.464	-0.257	0.400	-0.450	-3.996
3/17/2023	-0.895	-0.546	0.782	-0.523	0.046	-4.394
3/20/2023	0.662	0.654	-0.309	0.691	0.162	2.061
3/21/2023	1.376	1.184	-0.583	0.056	0.110	2.049
3/22/2023	-1.583	-0.682	0.246	1.011	0.323	1.409
3/23/2023	0.321	0.473	1.102	1.203	0.230	-0.110
3/24/2023	0.532	-0.196	0.317	-0.890	-0.397	0.162
3/27/2023	0.051	0.232	0.186	1.237	-0.219	1.856
3/28/2023	-0.244	0.125	0.242	-0.118	-0.631	-0.063
3/29/2023	1.469	1.250	0.096	1.009	0.793	0.730
3/30/2023	0.575	0.743	0.716	0.171	1.697	-0.519
3/31/2023	1.516	1.036	1.280	-0.690	-0.734	0.933
4/3/2023	0.164	0.520	0.189	1.799	-0.017	0.504
4/4/2023	-0.527	-0.228	0.326	0.198	-1.727	-0.751
4/5/2023	-0.332	-0.353	0.090	0.055	-0.308	-0.236
4/6/2023	0.558	0.259	-0.080	-0.794	0.273	0.561
4/10/2023	-0.076	-0.181	0.095	-0.037	0.000	0.000
4/11/2023	-0.131	0.301	0.035	0.874	0.000	0.000
4/12/2023	-0.468	-0.009	0.012	-0.393	0.205	-1.121
4/13/2023	1.451	1.162	0.500	2.418	-0.451	-1.646
4/14/2023	-0.149	-0.021	0.239	-0.100	-0.112	-0.513
4/17/2023	0.351	-0.064	-0.272	-0.336	-1.338	-1.032

4/18/2023	0.055	0.301	0.186	-0.635	0.256	-0.561
4/19/2023	0.030	-0.093	-0.002	-0.211	0.059	-0.616
4/20/2023	-0.725	-0.280	0.141	0.235	0.374	-0.944
4/21/2023	0.125	-0.043	-0.134	0.068	0.166	0.000
4/24/2023	-0.049	0.068	-0.227	0.082	-0.006	0.000
4/25/2023	-1.570	-1.280	-0.010	-0.026	1.082	-0.100
4/26/2023	-0.078	-0.112	-0.326	-0.271	0.187	0.449
4/27/2023	2.003	1.248	0.331	0.603	-0.703	-0.062
4/28/2023	0.739	0.692	-0.264	0.473	0.323	-1.241
5/1/2023	-0.038	-0.072	0.000	-0.900	0.000	0.000
5/2/2023	-1.009	-0.974	0.000	-0.477	0.000	0.000
5/3/2023	-0.650	-0.261	0.180	0.378	0.118	-2.384
5/4/2023	-0.755	-0.503	-0.529	-0.213	0.341	-0.114
5/5/2023	2.031	1.611	0.246	0.042	0.981	-1.187
5/8/2023	0.055	0.174	0.312	0.746	0.718	0.145
5/9/2023	-0.533	-0.475	0.163	-0.880	-0.110	-1.825
5/10/2023	0.629	0.272	-0.280	0.697	-0.539	-2.000
5/11/2023	-0.095	-0.251	-0.270	-0.113	-0.507	-2.340
5/12/2023	-0.249	-0.230	0.012	0.659	0.297	-5.027
5/15/2023	0.220	0.319	0.694	-0.153	0.215	-0.547
5/16/2023	-0.503	-0.460	-0.060	0.176	0.890	3.665
5/17/2023	1.210	0.613	0.060	-0.336	0.940	2.604
5/18/2023	0.875	0.718	0.196	-1.026	-0.006	-1.617
5/19/2023	-0.185	0.080	-0.340	0.101	0.648	-0.509
5/22/2023	0.061	0.072	0.577	0.162	0.768	-1.563
5/23/2023	-1.156	-0.980	0.089	0.293	0.957	-0.148
5/24/2023	-0.758	-1.011	-0.038	1.248	0.039	0.769
5/25/2023	1.132	0.402	-0.443	-0.516	-0.418	-0.490
5/26/2023	1.267	1.109	-0.387	0.585	1.404	0.337
5/30/2023	0.095	-0.038	-0.017	1.554	5.970	3.652
5/31/2023	-0.632	-1.011	-0.072	-0.333	-1.914	1.145
6/1/2023	1.103	1.171	0.318	0.230	0.338	0.000
6/2/2023	1.409	1.508	0.120	0.636	-0.933	0.000
6/5/2023	-0.136	-0.075	0.086	-1.018	-0.566	0.723
6/6/2023	0.194	0.224	-0.027	0.048	-0.419	0.145
6/7/2023	-0.610	-0.428	-0.369	-0.009	1.277	-0.195
6/8/2023	0.695	0.557	0.231	0.491	0.962	-0.460
6/9/2023	0.166	0.240	0.409	0.362	-0.395	-0.250
6/12/2023	0.911	0.639	0.363	-0.149	0.000	-1.767
6/13/2023	0.736	0.855	0.079	0.768	5.570	-2.269
6/14/2023	0.105	0.342	-0.043	1.152	5.593	-0.328
6/15/2023	1.244	0.861	-0.082	1.379	-30.548	-1.350
6/16/2023	-0.397	-0.101	0.370	0.527	-2.033	-0.208
6/20/2023	-0.336	-0.785	0.645	1.449	-1.828	2.486
6/21/2023	-0.697	-0.513	0.057	-1.485	-0.113	1.194
6/22/2023	0.596	0.208	-0.036	-0.094	-4.236	0.780
6/23/2023	-0.838	-0.999	0.033	0.258	-2.815	0.266

6/26/2023	-0.662	-0.342	0.178	-0.022	0.436	0.026
6/27/2023	1.113	0.884	-0.316	0.623	3.493	0.663
6/28/2023	-0.062	0.094	-0.085	0.222	0.000	0.000
6/29/2023	0.355	0.204	-0.167	0.000	0.000	0.000
6/30/2023	1.273	1.087	0.201	0.000	-0.345	-0.349
7/3/2023	0.215	0.286	0.606	0.187	3.894	0.646
7/5/2023	-0.183	-0.427	0.214	0.481	-1.722	0.442
7/6/2023	-0.719	-1.199	-0.603	-1.160	-0.237	0.770
7/7/2023	-0.349	-0.086	0.295	-0.223	3.048	1.950
7/10/2023	-0.130	0.045	-0.093	-0.269	3.098	1.342
7/11/2023	0.621	0.693	0.354	0.188	-1.650	0.649
7/12/2023	0.737	1.192	0.646	0.603	-3.285	0.661
7/13/2023	1.086	1.174	0.068	0.252	-2.706	0.071
7/14/2023	0.099	0.075	-0.105	0.376	-1.531	-0.128
7/17/2023	0.307	0.059	0.327	0.022	0.800	1.044
7/18/2023	0.895	0.723	-0.164	1.004	0.463	-1.425
7/19/2023	0.335	0.177	0.113	-0.073	-0.796	-1.270
7/20/2023	-0.813	-0.682	0.487	0.210	0.201	-0.387
7/21/2023	-0.051	-0.067	0.064	0.223	5.321	-0.283
7/24/2023	0.476	0.336	-0.473	-0.174	-0.376	-0.441
7/25/2023	0.235	0.390	0.596	0.383	0.979	-1.985
7/26/2023	0.015	-0.102	0.287	0.241	-0.367	-2.816
7/27/2023	-0.744	-0.291	-0.499	0.501	-0.112	0.369
7/28/2023	1.092	0.770	-0.018	0.176	-1.063	-1.308
7/31/2023	0.197	0.270	-0.191	-0.100	1.594	0.013
8/1/2023	-0.404	-0.544	0.465	0.079	-1.084	1.049
8/2/2023	-1.389	-1.630	-0.093	0.346	1.234	-1.055
8/3/2023	-0.348	-0.432	-0.253	-0.369	-3.087	0.371
8/4/2023	-0.535	-0.072	0.374	0.208	1.628	0.601
8/7/2023	0.781	0.476	-0.233	0.350	-0.292	-0.106
8/8/2023	-0.392	-0.612	-0.227	-0.263	2.621	-1.258
8/9/2023	-0.844	-0.358	0.187	-0.247	-0.564	-0.377
8/10/2023	0.064	0.286	0.643	0.064	-0.163	-0.597
8/11/2023	-0.141	-0.447	-0.368	-0.848	-0.929	-0.556
8/14/2023	0.620	0.117	-0.534	-0.094	-0.547	-0.804
8/15/2023	-1.163	-0.919	-0.177	0.592	1.144	-0.802
8/16/2023	-0.719	-0.792	0.106	-0.039	0.170	-2.366
8/17/2023	-0.744	-0.733	0.621	-0.331	-0.786	1.691
8/18/2023	-0.112	-0.232	0.274	-0.551	0.118	-0.798
8/21/2023	0.837	0.479	0.072	-0.080	-0.118	-1.225
8/22/2023	-0.262	0.008	0.389	-0.023	-0.323	-0.118
8/23/2023	1.206	0.996	-0.055	-0.416	-0.297	-1.176
8/24/2023	-1.327	-0.947	-0.139	0.198	-1.890	0.043
8/25/2023	0.640	0.091	-0.554	-0.591	-0.128	-1.291
8/28/2023	0.582	0.811	0.388	0.638	-0.237	-0.131
8/29/2023	1.551	1.358	0.499	0.228	1.211	-0.128
8/30/2023	0.400	0.506	0.588	0.586	-0.074	0.383

8/31/2023	-0.157	-0.261	-0.113	0.502	0.214	-0.506
9/1/2023	0.132	0.132	-0.151	-0.550	6.832	-0.882
9/5/2023	-0.393	-0.482	-0.648	0.078	-1.559	-0.455
9/6/2023	-0.869	-0.687	0.366	-0.012	-0.101	0.061
9/7/2023	-0.298	-0.362	0.254	0.340	0.108	-0.572
9/8/2023	0.220	0.085	-0.169	-0.222	-0.038	0.326
9/11/2023	0.841	0.693	0.348	-0.048	-4.902	0.694
9/12/2023	-0.620	-0.389	-0.094	-0.231	-1.064	-1.186
9/13/2023	0.202	0.073	0.711	0.253	2.543	-0.097
9/14/2023	0.817	0.868	-0.045	-0.007	-0.368	0.223
9/15/2023	-1.177	-0.641	-0.226	-0.278	0.105	-0.645
9/18/2023	0.019	-0.231	0.108	0.543	-0.501	-0.466
9/19/2023	-0.246	-0.183	0.350	0.538	-0.251	-0.411
9/20/2023	-1.062	-0.595	0.193	-0.372	-0.478	-0.918
9/21/2023	-1.623	-1.669	0.336	0.084	-0.474	-0.138
9/22/2023	-0.268	-0.233	0.472	0.141	0.726	-0.199
9/25/2023	0.431	-0.012	0.127	0.347	-1.491	-0.327
9/26/2023	-1.586	-1.304	-0.103	0.362	-1.350	-0.425
9/27/2023	-0.130	-0.211	0.222	-0.627	-0.164	-1.018
9/28/2023	0.570	0.477	0.414	0.065	-1.163	-0.945
9/29/2023	-0.109	-0.004	1.365	0.255	0.545	-0.174
10/2/2023	0.287	-0.325	-0.246	-0.905	-0.276	0.220
10/3/2023	-1.467	-1.390	-0.579	-0.505	2.016	-0.370
10/4/2023	1.019	0.346	0.313	0.079	-0.162	0.189
10/5/2023	-0.069	0.234	-0.075	3.246	-1.158	-0.245
10/6/2023	1.280	1.004	-0.012	0.246	0.629	-1.054
10/9/2023	0.448	0.383	-0.024	-1.192	-0.492	-0.025
10/10/2023	0.512	0.982	0.324	0.629	0.369	0.000
10/11/2023	0.677	0.547	0.388	0.271	-0.273	0.000
10/12/2023	-0.550	-0.377	-0.142	0.302	-0.109	0.665
10/13/2023	-0.712	-0.825	-0.328	-0.269	0.546	-0.307
10/16/2023	1.111	0.730	-0.173	1.261	0.719	0.070
10/17/2023	-0.096	0.071	-0.593	1.454	1.762	-0.120
10/18/2023	-1.473	-1.257	-0.498	0.136	-0.379	-0.051
10/19/2023	-0.854	-0.887	0.214	-0.755	-4.159	-0.002
10/20/2023	-1.299	-1.104	0.103	-0.298	2.376	0.000
10/23/2023	-0.061	-0.193	-0.631	1.547	-0.238	0.000
10/24/2023	0.814	0.565	0.268	-0.494	0.928	-1.372
10/25/2023	-1.514	-0.970	-0.213	0.907	-1.617	-0.732
10/26/2023	-1.311	-1.241	-0.103	-0.246	-0.467	-0.840
10/27/2023	-0.286	-0.236	0.225	-0.184	1.000	-0.022
10/30/2023	1.379	0.941	-0.156	0.071	0.652	-1.113
10/31/2023	0.494	0.273	-0.085	-1.180	-9.620	-0.487
11/1/2023	1.230	1.067	0.148	-0.088	11.398	-0.825
11/2/2023	1.850	1.941	0.171	0.541	-0.976	-1.407
11/3/2023	0.882	1.035	0.166	0.178	0.522	-1.736
11/6/2023	0.393	0.419	-0.102	0.718	-0.946	0.061

11/7/2023	0.395	-0.116	-0.049	0.911	-0.588	-0.776
11/8/2023	0.192	0.004	-0.160	1.463	0.379	0.650
11/9/2023	-0.931	-0.307	0.546	0.708	0.492	1.569
11/10/2023	1.572	0.695	0.337	-0.213	-0.054	0.675
11/13/2023	-0.157	0.107	0.258	-0.565	0.000	0.000
11/14/2023	1.905	1.861	0.613	0.220	-7.667	0.000
11/15/2023	0.146	0.512	0.050	0.155	4.835	1.285
11/16/2023	0.250	0.028	-0.340	0.838	-0.090	0.010
11/17/2023	-0.014	0.245	-0.014	-0.133	0.035	0.332
11/20/2023	0.743	0.660	-0.286	1.153	-0.104	0.466
11/21/2023	-0.239	-0.132	-0.066	0.249	2.397	0.387
11/22/2023	0.423	0.120	-1.291	0.387	-0.393	0.693
11/24/2023	-0.045	0.243	-0.198	1.069	1.410	0.138
11/27/2023	-0.140	-0.211	0.241	0.401	2.834	-1.624
11/28/2023	0.195	0.203	0.521	-1.633	0.862	0.885
11/29/2023	-0.165	-0.056	0.203	-0.485	-0.013	0.077
11/30/2023	0.311	0.290	-0.427	-0.523	0.013	-0.834
12/1/2023	0.493	0.396	0.166	-0.193	0.006	1.142
12/4/2023	-0.675	-0.535	-0.262	0.434	-0.434	0.795
12/5/2023	0.221	0.004	-0.712	0.104	1.257	0.785
12/6/2023	-0.388	-0.072	0.715	-0.781	-1.069	-0.797
12/7/2023	0.900	0.559	-0.096	0.345	-1.954	0.256
12/8/2023	0.422	0.288	-0.026	0.100	3.706	-0.184
12/11/2023	-0.053	0.091	-0.427	-0.581	-1.557	-0.251
12/12/2023	0.540	0.377	-0.306	0.115	0.136	0.000
12/13/2023	1.237	0.972	-0.078	1.465	2.478	0.000
12/14/2023	0.169	0.863	0.624	0.455	0.740	-0.837
12/15/2023	0.011	-0.027	0.059	-0.292	-0.948	-0.896
12/18/2023	0.442	0.112	-0.214	1.114	-4.139	-0.734
12/19/2023	0.551	0.633	-0.026	-0.080	4.366	-1.130
12/20/2023	-1.378	-0.841	0.404	-0.161	1.956	0.266
12/21/2023	1.001	0.673	-0.291	-0.783	1.037	-0.461
12/22/2023	0.120	0.176	0.096	0.296	0.171	0.554
12/26/2023	0.354	0.344	-0.313	-0.866	-0.049	0.000
12/27/2023	0.140	0.464	0.181	1.113	-9.668	0.000
12/28/2023	0.078	0.148	0.020	-0.041	0.516	-0.037
12/29/2023	-0.272	-0.239	-0.118	0.200	0.713	0.197
1/2/2024	-0.564	-0.694	-0.141	1.017	0.918	0.100
1/3/2024	-0.754	-0.941	-0.510	0.030	7.369	1.174
1/4/2024	-0.339	-0.139	-0.339	0.461	-3.784	0.137
1/5/2024	0.207	0.189	0.233	0.255	5.023	-0.156
1/8/2024	1.533	1.055	0.061	-0.185	0.996	0.325
1/9/2024	-0.116	-0.271	0.094	0.385	-0.239	-1.083
1/10/2024	0.685	0.394	0.153	-0.116	-0.114	-0.192
1/11/2024	-0.106	-0.080	-0.187	0.023	2.240	0.505
1/12/2024	0.031	0.286	0.305	0.157	-8.224	-0.722
1/16/2024	-0.309	-0.683	-0.294	2.164	3.882	-0.523

1/17/2024	-0.559	-0.877	-0.543	-0.410	3.489	-0.787
1/18/2024	0.849	0.686	0.197	0.418	-0.885	0.280
1/19/2024	1.231	1.073	0.286	0.405	1.298	-0.039
1/22/2024	0.149	0.341	-0.763	2.078	0.429	-0.598
1/23/2024	0.420	0.166	0.546	-0.753	-1.055	-0.897
1/24/2024	0.039	0.505	-0.070	0.027	1.242	-0.413
1/25/2024	0.460	0.308	-0.064	-0.305	0.426	-0.378
1/26/2024	-0.082	0.056	-0.340	-0.182	-0.006	-1.034
1/29/2024	0.829	0.609	-0.156	1.383	-1.379	0.529
1/30/2024	-0.157	-0.078	0.049	1.970	-6.039	1.481
1/31/2024	-1.789	-1.045	0.105	-2.232	-14.711	1.145
2/1/2024	1.307	0.705	-0.014	-0.367	-5.207	-0.336
2/2/2024	1.403	0.463	-0.673	-0.008	-6.330	0.839
2/5/2024	-0.301	-0.339	-0.468	-2.036	-1.388	0.210
2/6/2024	0.272	0.406	0.110	-0.246	-0.839	-0.047
2/7/2024	0.839	0.545	0.038	1.262	-0.393	-0.378
2/8/2024	-0.034	-0.089	-0.087	1.297	-1.757	-0.551
2/9/2024	0.755	0.502	0.159	0.214	-0.239	-0.100
2/12/2024	-0.193	-0.055	-0.027	0.540	-3.018	0.818
2/13/2024	-1.364	-1.116	-0.335	-0.247	-1.419	1.406
2/14/2024	0.856	0.606	-0.142	0.446	1.946	2.999
2/15/2024	0.418	0.661	0.544	-0.041	1.046	3.519
2/16/2024	-0.489	-0.026	0.245	0.628	-1.397	0.251
2/20/2024	-0.651	-0.317	0.684	0.565	-6.360	1.697
2/21/2024	0.125	0.018	0.027	0.234	-2.629	0.007
2/22/2024	2.214	1.753	-0.277	0.350	2.872	0.700
2/23/2024	0.071	0.120	-0.104	0.395	5.101	1.174
2/26/2024	-0.508	-0.305	-0.088	-0.822	-3.075	0.742
2/27/2024	0.186	0.167	0.365	0.191	-3.713	-1.403
2/28/2024	-0.237	-0.371	-0.038	-0.308	-2.834	0.026
2/29/2024	0.536	0.443	0.607	-0.270	2.862	-0.433
3/1/2024	0.642	0.683	0.059	-0.078	-0.038	1.211
3/4/2024	-0.125	-0.047	-0.064	2.360	-0.438	1.334
3/5/2024	-1.071	-0.694	-0.163	0.380	2.144	0.681
3/6/2024	0.441	0.525	0.103	-18.061	-0.234	0.276
3/7/2024	1.072	0.887	0.579	1.256	-0.422	0.927
3/8/2024	-0.608	-0.143	-0.118	0.109	0.824	2.077
3/11/2024	-0.125	-0.283	-0.072	2.225	0.595	1.115
3/12/2024	1.283	0.933	-0.003	-0.539	2.645	1.050
3/13/2024	-0.143	-0.007	0.163	-1.148	1.346	2.085
3/14/2024	-0.202	-0.332	-0.123	0.914	-0.464	5.121
3/15/2024	-0.794	-0.663	-0.125	0.597	0.268	2.656
3/18/2024	0.773	0.566	-0.309	-1.511	4.913	-0.330
3/19/2024	0.572	0.350	0.222	-0.913	-1.481	1.814
3/20/2024	0.940	0.597	0.661	-0.287	-1.442	2.905
3/21/2024	0.129	0.628	0.040	0.555	6.448	0.768
3/22/2024	-0.023	-0.155	-0.048	-0.323	2.031	2.170

3/25/2024	-0.349	-0.247	-0.110	-0.298	-0.702	3.545
3/26/2024	-0.297	-0.159	0.611	-0.969	2.669	6.029
3/27/2024	0.810	0.670	0.466	-0.407	2.176	0.209
3/28/2024	0.021	-0.014	0.140	-0.597	3.495	-3.710
4/1/2024	-0.176	-0.342	1.074	1.226	0.000	0.000
4/2/2024	-0.745	-0.577	0.009	-0.152	0.000	0.000
4/3/2024	0.050	0.092	-0.471	0.152	1.890	1.464
4/4/2024	-1.299	-0.661	0.399	0.676	-3.982	0.525
4/5/2024	1.136	0.374	-0.481	-0.087	-0.641	-0.026
4/8/2024	-0.021	0.192	0.455	0.442	-1.157	-1.669
4/9/2024	0.137	0.202	0.085	0.486	1.543	-0.930
4/10/2024	-0.871	-0.878	-0.162	0.000	0.000	0.000
4/11/2024	0.876	0.392	-0.102	0.000	0.000	0.000
4/12/2024	-1.437	-1.181	-0.448	0.000	0.423	0.011
4/15/2024	-1.267	-0.991	-0.170	0.683	-0.627	-0.919
4/16/2024	-0.228	-0.745	-0.119	-0.435	-6.103	-2.019
4/17/2024	-0.584	-0.470	0.138	0.367	3.492	-1.330
4/18/2024	-0.169	-0.007	-0.031	-0.667	-1.561	-1.173
4/19/2024	-1.094	-0.928	-0.276	-0.100	-1.537	-2.030
4/22/2024	0.887	0.818	0.058	-0.755	-5.214	-0.374
4/23/2024	1.212	1.154	0.037	-1.557	-0.364	0.061
4/24/2024	0.013	0.211	-0.038	-0.695	-6.649	-0.316
4/25/2024	-0.609	-0.342	0.215	0.418	0.921	0.374
4/26/2024	1.310	1.070	0.159	-0.094	-2.825	0.684
4/29/2024	0.284	0.425	0.032	0.456	-0.231	-0.656
4/30/2024	-1.574	-1.244	-0.292	-1.921	2.081	-0.206
5/1/2024	-0.325	-0.514	0.000	0.763	0.000	0.000
5/2/2024	1.059	0.772	0.000	0.918	0.000	0.000
5/3/2024	1.389	1.241	0.290	0.820	1.684	0.003
5/6/2024	1.064	0.807	0.006	-0.085	0.570	0.088
5/7/2024	0.091	0.330	0.275	0.775	-0.473	0.257
5/8/2024	-0.030	-0.255	-0.119	-0.320	-3.403	1.984
5/9/2024	0.470	0.404	0.161	0.622	0.544	1.281
5/10/2024	0.067	0.261	0.321	-0.111	-0.426	0.000
5/13/2024	0.065	0.173	0.879	-0.089	-0.236	0.000
5/14/2024	0.481	0.366	0.355	-0.206	1.158	0.557
5/15/2024	1.152	1.054	1.017	-0.121	-6.799	0.003
5/16/2024	-0.173	0.045	-0.113	0.692	-0.540	-0.111
5/17/2024	0.064	0.076	-0.013	0.216	2.871	1.110
5/20/2024	0.077	0.139	-0.227	1.233	-0.198	1.654
5/21/2024	0.397	0.170	-0.813	0.377	2.263	1.366
5/22/2024	-0.311	-0.451	-0.276	-0.251	-2.019	0.720
5/23/2024	-0.557	-0.397	-0.513	-0.525	-0.793	-0.921
5/24/2024	0.788	0.397	-0.142	-0.108	-1.047	-0.488
5/28/2024	0.234	0.250	-0.030	0.046	4.428	0.606
5/29/2024	-0.655	-1.038	-0.552	-0.240	1.914	0.756
5/30/2024	-0.784	-0.375	-0.463	-0.292	-3.093	-0.112

5/31/2024	0.762	0.809	-0.053	0.083	-0.483	-0.416
6/3/2024	0.333	0.355	-0.011	-0.249	0.177	-0.198
6/4/2024	0.249	0.056	0.590	-0.312	-0.765	0.391
6/5/2024	1.199	0.826	-0.743	-0.994	0.112	-0.001
6/6/2024	0.010	0.282	0.234	1.028	0.671	1.137
6/7/2024	-0.090	-0.316	-0.070	-0.538	0.056	0.888
6/10/2024	0.223	-0.090	-0.855	-1.201	0.777	-1.245
6/11/2024	0.422	-0.041	-0.015	0.402	0.652	-0.360
6/12/2024	0.918	1.087	0.236	0.139	-0.009	0.733
6/13/2024	0.223	-0.253	-0.322	0.103	0.966	0.176
6/14/2024	0.009	-0.332	-0.230	-0.485	0.127	-0.318
6/17/2024	0.655	0.373	-0.393	0.000	0.000	0.000
6/18/2024	0.267	0.505	0.434	0.000	0.000	0.000
6/20/2024	-0.267	-0.024	0.610	-0.038	0.510	0.871
6/21/2024	-0.157	-0.440	-0.437	-0.124	-1.307	-1.382
6/24/2024	-0.401	0.021	0.646	0.239	-0.980	-0.466
6/25/2024	0.636	0.470	-0.187	1.777	0.426	-1.332
6/26/2024	0.331	-0.085	-0.063	0.078	0.037	-0.008
6/27/2024	0.026	-0.136	-0.635	0.163	-0.528	-2.204
6/28/2024	-0.566	-0.212	0.865	-0.233	0.649	0.370
7/1/2024	0.499	0.276	0.084	-0.134	1.285	0.265
7/2/2024	0.673	0.425	-0.012	-0.251	-0.192	0.029
7/3/2024	0.584	0.807	0.167	0.473	0.119	-0.088
7/5/2024	0.720	0.550	-0.072	1.566	0.827	0.560
7/8/2024	0.132	0.147	0.727	0.246	-0.472	1.466
7/9/2024	0.215	0.007	-0.460	0.043	-0.950	0.264
7/10/2024	1.127	1.050	0.530	-0.099	-0.294	0.429
7/11/2024	-1.274	-0.205	0.217	0.578	-0.508	-0.791
7/12/2024	0.514	0.588	-0.002	0.599	-0.790	0.069
7/15/2024	0.222	0.069	-0.655	-0.801	0.984	-0.046
7/16/2024	0.548	0.312	0.425	-0.443	0.507	-0.861
7/17/2024	-1.553	-0.834	-0.085	1.178	-0.608	-0.314
7/18/2024	-0.912	-0.904	0.172	0.411	0.415	-1.304
7/19/2024	-0.661	-0.855	-0.146	-0.141	-1.428	-0.375
7/22/2024	1.125	0.815	-0.091	0.223	0.976	-1.024
7/23/2024	-0.128	-0.134	-0.128	0.002	0.157	-1.418
7/24/2024	-2.662	-1.802	-0.079	0.144	-0.993	-1.188
7/25/2024	-0.844	-0.910	0.012	0.322	-0.552	-0.871
7/26/2024	1.114	0.753	0.023	0.517	-0.253	0.261
7/29/2024	0.161	0.184	0.984	0.298	-2.542	0.140
7/30/2024	-0.697	-0.406	0.229	0.086	-0.881	1.778
7/31/2024	1.660	1.543	0.217	0.501	0.058	0.122
8/1/2024	-1.222	-1.499	0.248	-0.148	-0.702	-1.314
8/2/2024	-1.939	-1.886	0.006	0.790	2.389	-1.060
8/5/2024	-3.332	-3.471	0.094	-3.342	0.210	-1.794
8/6/2024	1.042	1.229	0.421	1.231	0.314	0.661
8/7/2024	-0.756	-0.103	-0.086	0.127	0.512	-0.732

8/8/2024	2.268	1.447	-0.021	0.004	2.014	-0.203
8/9/2024	0.502	0.693	-0.113	0.249	2.255	1.158
8/12/2024	0.063	0.035	0.130	0.747	-0.227	0.154
8/13/2024	1.862	1.571	0.259	-0.262	-0.720	-0.256
8/14/2024	0.354	0.626	0.471	0.465	0.256	0.086
8/15/2024	1.662	1.130	-0.043	0.691	-1.157	0.221
8/16/2024	0.234	0.659	0.309	0.081	0.405	0.225
8/19/2024	1.060	1.004	0.542	0.250	0.083	0.073
8/20/2024	-0.129	-0.063	0.535	0.558	-0.988	0.625
8/21/2024	0.399	0.262	0.419	0.128	-0.642	1.475
8/22/2024	-1.032	-0.624	0.237	0.814	0.410	1.000
8/23/2024	1.203	1.182	0.468	0.335	0.483	-0.369
8/26/2024	-0.365	-0.148	0.407	-0.043	-0.706	0.212
8/27/2024	0.102	0.125	0.351	-0.246	0.168	-0.568
8/28/2024	-0.646	-0.393	0.065	0.333	0.102	-0.418
8/29/2024	-0.185	-0.142	0.363	-0.189	-0.140	0.063
8/30/2024	1.005	0.670	0.472	-0.174	-0.065	0.643
9/3/2024	-2.176	-1.738	0.863	-0.099	0.780	1.846
9/4/2024	-0.224	-0.594	2.098	-0.092	-0.770	0.295
9/5/2024	-0.099	-0.347	-1.345	0.386	-1.021	0.329
9/6/2024	-1.772	-1.135	0.956	0.148	0.366	0.028
9/9/2024	1.108	0.596	-0.457	-0.411	0.187	0.617
9/10/2024	0.505	0.037	0.129	-0.634	-0.169	0.446
9/11/2024	1.287	0.677	-0.021	-0.096	1.230	0.129
9/12/2024	0.791	0.973	0.351	-0.224	1.453	-1.243
9/13/2024	0.466	0.606	0.515	0.923	0.809	-0.211
9/16/2024	-0.002	0.086	0.059	-0.323	1.125	0.888
9/17/2024	0.010	-0.043	-0.028	-0.052	-0.458	-0.680
9/18/2024	-0.261	-0.299	-0.106	0.578	0.637	0.620
9/19/2024	1.798	1.634	-0.145	1.274	-1.096	-0.076
9/20/2024	-0.212	-0.427	0.076	0.480	-0.027	-0.720
9/23/2024	0.220	0.227	0.259	-0.057	0.144	0.296
9/24/2024	0.325	0.510	-0.124	-0.442	1.576	0.530
9/25/2024	-0.035	-0.105	1.457	0.905	-1.233	1.335
9/26/2024	0.378	0.833	0.178	0.376	-0.622	-0.381
9/27/2024	-0.162	0.246	0.264	0.385	0.352	-0.018
9/30/2024	0.479	-0.133	-0.420	-0.466	0.432	-0.061
10/1/2024	-1.060	-0.845	-0.370	-0.663	-0.045	0.301
10/2/2024	-0.065	-0.140	-0.267	-1.728	-1.093	0.438
10/3/2024	-0.105	-0.268	-0.408	0.670	0.543	0.559
10/4/2024	0.866	0.461	-0.256	-0.191	0.072	0.151
10/7/2024	-1.002	-0.343	-0.001	-0.275	-0.081	0.036
10/8/2024	1.093	0.262	0.664	-1.524	-0.299	0.575
10/9/2024	0.580	0.498	0.130	0.767	-0.354	0.349
10/10/2024	-0.173	-0.091	0.791	-0.843	-0.009	0.000
10/11/2024	0.609	0.522	1.012	0.304	0.009	0.000
10/14/2024	0.870	0.671	-0.178	-0.862	-0.767	0.552

10/15/2024	-0.687	-0.690	0.028	-0.130	-0.616	-0.500
10/16/2024	0.513	0.139	0.244	-0.680	-0.471	1.684
10/17/2024	-0.111	-0.036	0.055	0.495	-0.408	1.704
10/18/2024	0.376	0.493	0.695	-0.283	0.861	0.410
10/21/2024	-0.074	-0.322	0.865	0.481	0.285	0.000
10/22/2024	0.060	-0.220	-0.199	-0.067	0.477	0.000
10/23/2024	-1.034	-0.818	-0.463	-0.162	1.155	-0.168
10/24/2024	0.314	0.208	0.056	0.390	0.415	-0.933
10/25/2024	0.060	0.023	0.144	0.287	-0.180	1.141
10/28/2024	0.340	0.305	-0.522	0.601	-0.199	0.958
10/29/2024	0.137	-0.104	-0.384	-0.125	-0.917	1.585
10/30/2024	-0.358	-0.416	0.068	-0.363	2.211	-0.419
10/31/2024	-2.205	-1.673	-0.212	0.125	-0.951	-0.407
11/1/2024	0.445	0.172	0.116	0.558	0.879	0.000
11/4/2024	-0.417	-0.003	-0.490	0.129	-0.224	0.000
11/5/2024	1.251	0.863	-0.122	0.244	2.143	0.250
11/6/2024	2.454	1.378	-1.072	-0.530	-1.750	-0.019
11/7/2024	0.860	0.928	0.419	1.453	0.258	-0.616
11/8/2024	0.260	0.115	0.297	0.590	0.275	0.251
11/11/2024	0.059	-0.006	-0.899	0.193	-0.053	-0.232
11/12/2024	-0.205	-0.684	-0.658	-0.222	-0.507	0.360
11/13/2024	0.025	-0.268	-0.259	-0.263	0.658	0.332
11/14/2024	-0.523	-0.220	0.615	0.202	-0.009	-0.006
11/15/2024	-1.415	-0.960	-0.754	0.192	1.417	-0.582
11/18/2024	0.358	0.323	1.315	-0.587	-0.526	-0.412
11/19/2024	0.611	0.417	-0.586	0.510	1.196	-0.435
11/20/2024	-0.128	-0.286	-0.986	-0.397	-0.191	-1.371
11/21/2024	0.270	0.393	0.248	-0.495	-1.269	-0.316
11/22/2024	0.296	0.334	-0.190	-0.454	-0.610	0.005
11/25/2024	0.409	0.374	-0.308	-0.816	-0.186	-0.716
11/26/2024	0.715	0.142	-0.722	0.599	-0.115	-0.958
11/27/2024	-0.348	-0.051	0.052	0.228	0.284	-0.533
11/29/2024	0.570	0.590	1.036	0.342	1.102	0.499
12/2/2024	0.388	0.275	-0.302	-0.618	-0.026	0.679
12/3/2024	0.133	0.322	-0.202	0.408	1.272	-0.055
12/4/2024	0.769	0.390	0.863	0.476	1.572	0.023
12/5/2024	-0.101	0.025	0.317	0.898	0.874	1.667
12/6/2024	0.198	-0.079	0.097	-0.955	2.692	0.832
12/9/2024	-0.534	-0.254	0.116	-0.192	0.345	0.281
12/10/2024	-0.136	-0.398	-0.611	-1.174	-0.263	2.850
12/11/2024	0.884	0.496	-0.330	0.277	0.573	-0.373
12/12/2024	-0.574	-0.372	-0.210	-0.293	-0.360	0.000
12/13/2024	-0.420	-0.524	-0.501	0.360	0.515	0.000
12/16/2024	0.292	0.016	0.449	0.035	-0.180	-0.207
12/17/2024	-0.180	-0.240	-0.098	-0.069	-0.598	0.388
12/18/2024	-2.917	-2.050	0.301	-0.220	0.402	0.027
12/19/2024	0.067	-0.790	-0.970	-0.538	0.172	0.816

12/20/2024	1.054	0.609	-0.164	-0.022	1.202	0.232
12/23/2024	0.790	0.693	0.160	-0.519	0.700	0.334
12/24/2024	1.111	0.799	-0.333	-0.419	1.330	-0.166
12/26/2024	-0.104	0.058	0.241	-0.010	0.024	0.000
12/27/2024	-1.203	-0.587	0.091	-0.251	-0.293	0.000
12/30/2024	-1.020	-0.905	-0.082	-0.627	-0.957	0.714
12/31/2024	-0.554	-0.309	-0.074	0.582	0.168	0.954
1/2/2025	-0.227	-0.326	0.145	1.526	-0.328	1.384
1/3/2025	1.366	0.901	-0.594	2.332	0.743	0.633
1/6/2025	0.738	0.737	2.069	0.516	0.738	0.414
1/7/2025	-1.295	-0.671	1.012	-0.384	-0.103	0.565
1/8/2025	0.135	-0.062	-0.624	0.590	-0.055	0.107
1/10/2025	-1.519	-1.497	0.139	0.206	0.906	0.162
1/13/2025	0.050	-0.156	-0.889	-0.928	-0.804	-0.370
1/14/2025	-0.087	0.166	0.036	0.831	-0.365	-0.027
1/15/2025	2.023	1.608	1.149	1.197	-0.509	-0.553
1/16/2025	-0.533	-0.029	-0.281	0.277	0.231	0.463
1/17/2025	0.989	0.723	0.330	-0.299	0.373	0.052
1/21/2025	0.771	0.924	0.434	-0.768	0.577	1.386
1/22/2025	0.705	0.536	0.218	0.325	0.268	0.539
1/23/2025	0.558	0.402	0.265	0.000	0.588	0.882
1/24/2025	-0.277	0.000	0.831	0.644	2.525	0.232
1/27/2025	-1.392	-0.960	-0.157	-0.316	2.306	-0.224
1/28/2025	1.271	0.628	-0.040	-0.071	-0.943	-0.019
1/29/2025	-0.512	-0.186	0.015	1.269	0.801	-1.076
1/30/2025	0.303	0.425	0.091	1.107	0.543	-1.664
1/31/2025	-0.537	-0.601	-0.490	-0.580	0.872	-1.991

ARIAH AFR 40 AFRICA SOUTH AFRICA ACCESS AFRICA

\$	\$	\$	\$
2.297	2.166	1.363	2.281
3.175	1.983	2.062	2.282
-0.501	-0.841	-0.907	-1.243
1.303	1.304	1.811	2.231
-1.206	-1.699	-1.459	-1.597
-0.721	0.083	-1.380	0.575
-2.273	-1.639	-1.170	-2.097
-2.627	-2.261	-2.133	-2.140
2.511	1.061	1.794	2.484
2.147	1.293	1.628	1.395
-0.873	-0.265	-0.597	-0.044
-1.483	0.530	-1.258	0.313
0.232	-0.530	1.003	-0.717
1.343	0.380	0.629	0.090
0.023	-0.344	0.799	-0.735
-0.175	1.806	0.623	1.687
0.160	0.576	0.555	0.854
-0.343	-0.138	-0.675	-0.241
-1.790	-0.126	-1.694	-0.234
-1.151	-1.611	-1.242	-1.546
0.087	0.013	-0.176	-0.257
-0.442	-1.284	-0.784	-1.113
1.467	0.334	1.196	0.414
-2.579	-1.396	-2.390	-2.456
-1.376	-0.542	-1.370	-1.045
-2.768	-2.853	-3.012	-3.919
-0.434	-0.374	0.512	0.008
0.692	0.346	0.917	0.339
-2.558	-1.878	-2.428	-2.344
0.119	-0.600	0.799	0.389
0.577	0.172	0.595	0.252
0.473	0.803	0.666	1.260
0.897	1.312	1.288	0.944
3.212	2.281	1.999	3.220
-0.502	1.090	0.855	1.156
0.640	-0.158	1.670	0.074
-1.210	-0.426	-0.979	-0.221
-1.523	-0.917	-1.855	-1.294
-0.641	-0.829	-0.062	-1.215
0.117	0.152	0.256	-0.190
-0.518	0.101	0.770	-0.483
2.443	1.837	1.604	1.686
0.123	1.000	0.299	0.699
1.902	1.336	2.253	2.317
0.144	0.832	-0.370	0.602

0.240	-0.220	0.107	-0.299
-0.456	0.167	0.094	-0.091
-0.056	0.355	0.377	0.430
-0.531	-0.210	-0.901	-0.978
0.956	1.046	0.151	1.638
-0.352	0.937	-1.436	1.107
2.597	1.683	2.769	1.641
-0.919	-1.220	-1.829	-1.735
-0.657	-0.210	-0.412	0.725
0.000	-0.081	1.219	-0.072
-0.997	-0.271	-1.244	-0.850
1.481	1.608	0.938	1.909
1.716	0.721	0.820	1.052
0.966	0.674	1.130	1.627
2.739	1.157	1.578	1.583
-0.112	0.547	-0.231	0.757
-2.450	-1.226	-2.218	-1.699
-0.562	-0.042	-0.641	0.491
0.293	-0.558	-0.618	-0.498
0.645	0.038	0.802	-0.111
-0.145	-0.616	-1.424	-0.748
-2.923	-1.969	-2.054	-2.132
0.613	1.070	1.317	1.403
-0.961	-0.523	-0.790	-0.127
-0.230	0.836	-0.588	0.775
1.489	1.273	2.202	1.423
0.234	-0.301	0.211	0.141
0.078	0.013	0.561	0.169
0.257	0.717	0.102	-0.589
-0.843	-2.083	-0.463	-2.587
-0.653	-0.434	0.078	-0.112
0.598	0.557	0.067	0.009
-1.009	-0.736	-0.600	-0.580
-3.877	-3.060	-3.640	-3.099
-0.952	-0.375	-0.714	-0.418
-0.860	-0.674	-1.016	-0.386
-0.328	0.076	-0.810	-0.540
-1.245	-0.629	-0.871	-0.671
0.950	1.593	0.038	2.072
-1.462	-0.216	-1.535	-0.035
-1.606	-2.032	-1.412	-2.244
-0.716	-0.131	-0.845	-0.449
-0.774	-0.769	-0.082	-0.710
0.071	1.003	0.220	1.359
2.982	1.880	2.460	2.178
-0.627	-0.931	-0.303	-1.347
-0.467	-0.464	-0.242	-0.298

-0.617	-1.048	-1.127	-1.226
0.070	-0.235	0.146	-0.431
0.573	0.127	-0.024	-0.006
2.463	1.264	2.717	2.290
0.438	-0.372	0.479	-0.850
0.193	0.501	1.188	0.824
-0.227	0.031	-0.140	0.836
0.671	0.120	1.057	0.634
1.567	-0.058	1.432	-0.438
-1.751	-1.456	-1.849	-1.896
-0.714	-1.615	-2.084	-2.094
1.789	0.221	2.657	-0.704
-1.250	-1.461	-1.144	-1.039
0.927	0.664	0.821	0.419
-3.329	-3.699	-3.427	-3.038
-3.845	-2.898	-3.667	-4.190
0.089	-0.918	-0.247	-0.302
1.619	1.544	3.130	2.183
0.412	0.329	0.740	0.750
-0.009	0.430	1.064	1.248
0.662	0.578	0.197	0.044
0.269	-0.505	0.275	-1.017
0.449	-0.215	0.517	-0.792
-0.112	-0.804	0.688	-1.512
-0.623	-2.229	-0.364	-2.529
0.951	1.170	0.837	1.063
-1.247	-1.528	-2.009	-2.381
0.148	-0.410	0.110	-1.509
-2.832	-1.863	-3.515	-2.051
0.027	-1.746	-0.340	-1.491
-1.970	0.147	-1.518	0.434
1.871	1.836	2.224	2.232
-0.827	-0.470	-1.980	-2.272
2.215	0.160	1.752	0.843
-1.980	-1.537	-1.313	-1.565
1.191	1.184	2.013	1.045
-0.670	-0.374	-0.913	-0.934
-0.873	0.125	-0.060	1.308
1.115	-0.135	0.264	-0.350
-0.358	0.959	-0.553	1.946
0.305	0.134	-0.453	-1.246
-1.596	-0.341	-2.840	-0.144
0.118	-0.950	1.436	-1.043
-1.795	-1.525	-1.545	-1.811
-1.312	-1.366	-1.016	-0.937
-0.019	-0.636	0.154	-1.201
-1.159	-2.037	-1.385	-1.716

-0.342	-0.359	-0.701	-0.211
-1.446	-1.192	-1.343	-2.356
-5.187	-3.942	-4.096	-3.759
3.661	1.876	5.288	2.450
-1.868	-1.894	-2.444	-2.484
1.397	2.890	1.262	4.211
1.659	1.863	0.827	1.518
-0.136	0.289	-0.081	-0.279
-2.911	-2.242	-4.001	-4.671
0.547	-1.295	0.440	-0.694
1.507	1.600	1.740	1.622
-4.070	-3.180	-4.550	-4.110
-0.510	1.356	0.344	3.175
-0.791	0.276	0.223	0.727
-0.238	-0.969	-0.305	-0.669
0.310	-0.669	-0.234	-0.488
1.473	0.975	2.268	0.148
1.091	1.034	0.444	1.028
1.930	2.996	2.689	3.333
0.226	0.122	0.274	-0.093
0.000	-0.366	-0.046	-1.371
0.000	-2.222	-2.596	-2.994
-2.354	-2.493	-2.840	-4.049
0.208	-0.861	0.165	-0.432
-1.496	-0.596	-1.818	-1.142
0.954	-0.278	1.057	0.051
-2.966	-1.947	-3.370	-4.523
-0.011	-0.097	0.830	-0.089
1.537	1.765	2.193	2.417
0.759	1.599	1.290	1.195
0.493	2.063	1.398	2.828
3.281	2.838	3.818	4.148
0.625	1.224	0.364	2.640
2.561	2.362	2.278	4.046
0.157	0.633	-0.362	0.143
2.618	1.427	1.671	2.636
-0.641	-0.793	-0.461	-1.073
-1.333	-1.245	-1.583	-3.105
0.214	0.793	0.449	1.131
1.311	1.188	2.326	2.133
0.296	0.416	0.019	-0.654
-0.863	-1.812	-0.523	-2.747
-0.832	-0.332	-0.591	0.238
-2.021	-1.127	-2.009	-1.762
1.104	0.325	1.165	0.752
0.508	0.657	0.596	1.116
-2.019	-1.816	-0.157	-1.566

-1.949	-1.721	-0.985	-1.742
0.778	1.404	0.994	1.304
-2.570	-2.219	-3.830	-3.720
0.792	0.799	0.808	1.439
-0.751	0.947	0.605	1.687
1.211	1.879	-0.239	2.381
0.914	0.502	0.100	0.328
-0.446	-1.181	-0.282	-2.439
-3.324	-2.120	-3.348	-2.480
-0.052	-0.491	-0.517	0.497
-2.069	-1.368	-1.108	-1.336
-0.064	-0.500	0.384	-0.828
-2.312	-1.602	-1.635	-1.976
-2.175	-1.546	-3.028	-1.720
1.094	0.534	1.272	1.677
0.476	0.420	2.383	0.281
-1.100	0.534	-0.529	1.211
3.112	0.928	2.685	0.581
1.419	-0.789	1.250	-1.146
-1.073	-0.505	-0.468	-0.098
0.043	1.064	-0.097	1.804
-1.488	-0.386	-1.598	-0.813
-1.600	-1.284	-2.367	-1.734
-1.040	-0.923	-0.877	-1.061
0.000	1.372	-0.705	1.807
-0.293	0.023	-0.544	-0.781
-1.510	-0.519	-1.527	-0.773
-1.662	-1.420	-2.560	-0.900
-0.970	-2.665	-0.596	-3.878
-1.611	-1.827	-1.680	-0.873
1.116	1.332	1.516	1.569
-4.454	-1.780	-7.703	-2.827
-7.283	-4.548	-9.425	-5.294
4.212	-0.918	7.398	-1.313
2.762	1.458	3.817	2.321
-0.198	0.272	-0.348	0.250
1.929	0.013	2.160	-1.176
-1.274	-0.695	-1.176	-0.506
0.993	0.786	1.103	0.033
1.442	1.381	0.487	1.730
2.072	2.941	2.212	3.876
0.153	0.408	-0.125	0.243
0.153	-0.526	-0.215	-0.588
-0.082	-0.528	-0.467	-1.005
-2.043	-1.254	-2.881	-1.921
-0.397	0.334	0.207	-0.201
-2.946	-0.770	-3.683	-0.382

1.343	-0.674	0.996	-1.160
-2.429	-2.875	-2.383	-2.371
-3.134	-2.407	-3.818	-2.028
-1.080	-1.690	-1.466	-1.709
-3.028	-3.177	-4.003	-3.131
0.846	-2.569	1.694	-1.862
1.143	0.188	1.260	1.558
-2.625	-1.774	-2.342	-0.653
-4.156	-2.656	-4.191	-3.415
0.536	-0.561	2.049	-2.591
-3.174	-3.380	-4.341	-3.990
1.313	2.148	1.791	2.247
4.279	3.970	4.103	4.433
-0.579	-0.341	-0.692	-1.704
1.058	3.286	1.491	4.798
1.263	-0.072	1.200	0.026
3.057	3.205	3.400	2.989
3.461	2.733	4.647	3.424
-2.341	-0.612	-1.503	-0.299
-3.009	-3.059	-3.958	-4.558
0.797	1.389	0.262	2.258
6.283	4.360	5.922	4.692
-0.836	-0.060	-1.029	-0.168
-0.755	-0.753	-1.969	0.208
-0.304	-2.438	-1.843	-3.390
0.013	-0.937	1.735	-1.383
-0.228	0.221	-0.658	1.774
1.761	1.480	1.294	1.664
2.974	0.644	2.713	-0.558
2.428	3.101	2.771	4.039
1.443	0.039	1.759	1.241
-4.722	-2.373	-3.143	-3.267
1.647	2.183	2.006	2.320
-0.675	-0.513	-1.435	0.133
-3.132	-1.737	-3.365	-1.722
1.092	0.060	1.160	1.662
-1.467	0.748	-1.546	-0.333
1.873	2.369	2.167	3.351
2.332	0.983	2.870	0.385
1.288	1.742	2.084	2.279
2.713	3.078	1.738	4.192
1.648	2.771	1.656	1.803
2.554	1.540	1.575	1.793
-1.012	-2.403	-1.453	-3.323
-0.056	0.480	-0.522	0.412
-0.898	-0.438	-0.967	0.106
0.764	1.256	1.592	0.855

-2.070	-1.358	-1.420	-1.582
-3.123	-1.995	-3.072	-0.878
-0.130	1.609	-0.108	1.816
6.170	5.677	8.093	5.502
0.520	0.700	1.468	0.980
0.682	-0.506	0.686	-1.011
0.307	0.006	-0.021	-0.161
-2.896	-3.315	-2.616	-4.728
-2.554	-1.281	-2.275	-1.355
-0.312	-0.173	-0.305	-0.010
0.035	-0.835	0.187	-0.473
4.749	2.501	5.562	3.251
1.087	0.820	1.039	1.389
-1.885	-1.807	-2.159	-1.741
1.096	0.184	1.487	-0.197
-3.632	-1.463	-3.443	-3.020
-1.716	-0.084	-1.653	0.336
0.579	0.606	-0.018	0.771
2.430	1.997	2.951	3.269
1.310	1.016	1.407	2.554
2.004	1.327	1.480	0.989
2.626	1.654	2.055	0.693
0.466	-0.724	0.269	-1.066
-0.466	-0.724	-0.626	-0.854
0.720	1.103	0.981	1.399
2.025	2.750	1.440	2.889
1.985	0.225	0.745	-0.677
-0.477	0.225	-0.590	0.177
-1.322	-0.121	-2.094	-0.716
-1.381	-0.854	-0.535	-0.894
0.605	0.985	0.820	0.872
-0.594	1.236	-0.719	1.202
3.129	2.490	2.449	3.049
0.546	0.904	-0.204	1.882
-0.627	-0.372	-0.768	-0.710
-4.586	-4.581	-4.862	-4.546
-2.483	-4.008	-2.062	-4.224
-0.022	0.468	-0.794	0.211
-0.831	0.216	-0.717	0.368
-2.243	-2.840	-1.714	-3.493
1.072	1.018	1.334	1.525
1.335	1.959	1.044	2.541
-0.903	-0.763	-1.113	-1.487
-2.452	-0.516	-1.792	-0.632
-1.830	0.915	-1.667	0.659
0.679	1.183	0.503	1.251
-0.702	-0.581	-1.106	-1.859

-2.006	-2.585	-1.625	-2.541
1.902	1.413	2.480	1.634
-0.278	-0.741	-0.056	-0.314
0.382	0.219	1.301	-0.116
0.908	1.423	0.808	1.750
0.832	0.244	1.104	0.257
-0.387	-1.494	0.551	-1.691
-1.723	-0.594	-0.944	0.603
1.312	-0.324	1.381	0.091
-0.137	0.567	0.216	0.723
3.312	3.139	3.365	3.504
0.575	1.453	2.116	2.867
0.549	1.324	0.775	0.944
1.598	1.199	0.407	1.658
-1.620	-0.814	-1.892	-0.530
-0.737	-1.693	-1.824	-2.358
0.221	-0.674	-0.935	-0.825
-3.680	-3.211	-4.216	-3.207
1.306	1.404	1.631	1.837
-1.397	-1.284	-1.686	-2.578
2.061	1.695	2.054	1.638
1.678	1.838	4.179	3.004
0.582	-0.094	0.509	0.113
0.666	0.276	1.830	0.234
1.265	2.147	1.519	2.111
-4.990	-4.207	-5.490	-3.542
-6.474	-5.105	-7.659	-4.718
3.517	1.963	4.103	1.671
4.125	3.024	4.846	2.932
1.507	1.370	2.412	1.023
1.311	1.050	0.815	1.383
-1.564	-0.750	-3.099	-0.245
-1.343	-0.868	-2.157	-0.196
1.321	0.279	1.376	0.001
0.977	1.394	1.957	1.666
1.957	2.549	2.904	1.986
0.587	0.752	1.293	0.628
-0.405	-0.101	-0.542	-0.245
1.937	0.700	1.896	0.548
0.010	-0.860	0.068	-1.153
-0.157	0.021	0.416	-0.187
-0.495	-1.281	-0.422	-1.841
0.379	-0.443	1.115	-1.185
1.139	0.427	0.697	0.748
-0.856	-0.633	-0.608	-0.376
0.105	-1.043	0.108	-1.630
0.355	0.656	0.550	1.160

0.562	1.885	1.308	1.259
-0.656	-0.118	-0.773	-0.221
1.575	2.020	1.624	3.474
-0.082	-0.960	0.542	0.207
-1.326	0.597	-1.731	-0.019
-0.188	0.205	-0.226	-0.177
2.088	0.973	2.192	0.619
-1.070	-0.800	-0.785	-1.134
1.335	0.925	1.803	0.727
1.056	0.503	1.435	0.638
0.774	0.398	0.978	0.544
1.136	0.560	0.777	-0.402
-0.397	0.394	-0.684	0.461
0.526	0.484	0.888	0.522
-1.094	0.193	-1.228	0.238
-1.705	-0.457	-0.881	-1.044
0.851	2.142	2.315	2.667
-1.259	-0.907	-1.520	-0.855
-1.295	-1.256	-0.647	-1.184
0.865	0.071	0.489	-0.116
-4.490	-3.008	-5.007	-4.291
-0.960	-0.811	-1.129	-0.183
1.569	0.796	1.609	0.665
-2.429	-1.448	-2.535	-1.379
-0.757	-1.556	-0.864	-1.675
-3.188	-1.713	-3.509	-2.115
-0.239	0.702	-0.272	0.975
2.698	2.907	3.577	3.974
3.015	2.432	4.230	3.501
-0.269	0.036	-0.533	0.068
-0.682	0.145	0.343	-0.555
-2.553	-2.810	-3.523	-4.117
-0.716	-0.694	-1.742	0.184
0.638	-1.510	0.154	-2.012
1.109	-0.027	0.790	0.808
0.077	-0.027	0.331	-0.169
-1.466	-1.352	-1.470	-1.705
2.398	1.765	2.771	2.202
0.164	-0.407	-0.118	-0.870
0.370	0.796	-0.208	1.666
2.594	2.530	3.105	3.042
-0.680	-1.345	-0.668	-1.900
-0.910	-0.390	-1.043	-0.697
-0.065	-0.909	-0.108	-1.265
-0.431	0.684	0.556	0.975
0.130	1.221	-0.189	1.080
-0.411	-0.334	-0.729	-0.611

0.357	0.778	-0.019	-0.669
0.065	-1.210	0.400	-2.493
-0.389	-0.374	-0.853	-1.864
-1.539	-0.850	-1.881	-1.133
0.811	0.124	0.914	-0.015
0.457	0.608	0.158	0.935
-3.010	-3.211	-4.620	-3.468
0.179	-0.478	0.138	-0.232
-1.907	0.050	-2.733	-0.583
0.963	0.522	2.338	-0.034
-0.668	-1.035	-0.424	-0.534
1.387	1.719	2.274	2.169
0.914	1.468	1.686	2.393
-0.892	0.130	-0.580	0.057
-0.179	0.486	-0.089	0.344
0.369	0.070	1.209	-0.538
1.354	0.381	0.457	0.711
-0.830	-0.500	-1.043	-0.659
-0.390	-0.703	-0.777	-1.902
0.078	-0.795	-0.247	-1.133
2.130	0.567	2.642	0.656
0.076	0.990	-0.010	0.631
-0.251	0.011	-0.280	-0.932
-1.022	-5.978	-0.443	-0.088
-2.246	-3.762	-3.118	-2.357
2.058	0.921	3.060	0.814
1.614	0.000	1.700	1.972
-1.338	0.615	-2.585	0.735
-2.946	-1.549	-3.730	-3.392
-3.812	-3.755	-5.267	-4.774
-2.113	-1.109	-2.133	-2.211
1.401	2.316	2.298	2.474
0.617	0.195	0.956	-0.185
1.304	0.925	1.077	0.975
-1.292	-1.474	-0.745	-1.971
1.630	0.979	1.206	2.796
1.661	0.519	2.007	1.486
-1.428	-1.504	-2.496	-1.790
0.786	-0.699	0.315	-0.169
1.485	0.876	2.696	1.659
-1.774	-1.437	-1.606	-1.962
-0.301	1.675	-1.229	0.652
-0.686	0.437	-0.747	-0.693
-0.855	0.073	-0.912	0.432
1.540	0.922	1.757	1.636
0.600	-0.108	0.282	-0.312
1.689	0.932	2.060	1.885

0.710	0.190	1.166	0.661
0.191	0.160	0.326	-0.117
1.027	0.497	-0.202	0.168
1.159	0.277	1.510	-0.357
-0.705	-0.507	-0.863	-0.951
-3.807	-3.593	-4.627	-5.007
-0.587	-0.117	-0.827	-0.649
0.897	-0.025	0.704	-0.347
0.798	1.153	1.303	1.317
0.159	0.254	0.535	0.275
-1.071	-0.461	-1.873	-1.042
0.034	-0.049	-0.394	-0.330
0.480	0.030	0.723	0.205
2.399	2.605	2.705	2.899
1.874	2.844	2.981	3.111
0.076	-0.167	-0.493	-0.663
-0.076	1.061	-0.136	1.307
1.636	1.445	1.298	2.005
-0.452	2.176	-0.887	2.517
0.032	-0.873	0.755	-1.325
-0.357	-0.195	-0.240	-0.126
0.981	1.458	1.006	2.215
-2.015	-0.759	-1.445	-0.402
3.155	1.693	2.857	1.730
0.950	0.639	0.848	0.909
-0.516	0.226	-0.291	0.327
0.390	-0.022	0.682	0.024
-0.908	-1.541	-1.336	-1.265
-0.021	0.049	-0.626	-0.011
1.757	1.428	1.389	1.384
1.941	1.157	1.857	1.639
0.286	-0.358	0.154	-0.317
-0.317	-0.902	-0.248	-1.327
-1.775	-0.476	-2.427	-0.426
-1.310	-1.403	-0.642	-1.187
0.453	0.772	0.281	1.191
0.451	0.847	1.091	1.016
0.021	0.475	0.303	0.255
0.157	0.355	0.596	0.115
-1.897	0.337	-1.552	0.346
-0.074	0.283	-0.161	0.014
-0.043	0.154	-0.591	0.361
0.287	0.096	0.313	-0.186
0.909	1.216	1.569	1.474
0.671	0.425	1.043	0.291
-0.031	-0.173	-0.145	-0.294
1.268	0.141	1.658	-0.003

0.607	0.714	1.286	0.125
-1.312	-1.539	-1.680	-2.056
-0.239	1.102	-0.025	1.105
-0.533	-1.155	-0.215	-1.071
2.606	0.474	2.532	0.415
-1.626	-1.312	-1.827	-1.557
0.445	-1.033	0.105	-1.473
-1.404	-1.742	-2.127	-2.016
0.021	0.617	0.921	1.344
1.032	-1.006	0.225	-1.948
-0.666	-0.027	-0.241	0.295
-0.063	-1.222	0.664	-1.291
-0.261	-1.068	-0.081	-0.939
-0.989	-0.790	-1.070	-0.897
-2.191	-1.969	-2.316	-2.367
1.534	1.895	1.859	2.095
1.552	1.492	1.688	1.535
-0.546	-1.566	-0.380	-1.588
0.944	1.280	0.878	2.103
4.100	3.182	4.422	3.353
-0.542	-1.620	-0.480	-1.999
0.713	0.966	1.656	1.268
0.040	0.409	0.096	0.448
-0.120	-0.557	-0.477	-0.424
-0.090	0.055	0.152	-0.164
-0.281	-0.033	0.170	-0.182
-2.071	-0.934	-2.991	-0.556
-0.031	-0.028	-0.211	-0.262
-0.329	-0.288	-0.236	0.140
0.113	0.701	0.320	0.409
-4.328	-2.197	-5.927	-2.175
0.525	-0.152	0.205	-0.010
-0.385	0.947	0.166	0.848
-1.665	-0.559	-1.919	-0.639
-0.678	0.258	-0.678	0.333
0.186	0.580	0.108	0.428
-0.781	-0.200	-0.623	0.087
0.759	1.296	1.122	1.384
1.490	1.138	2.448	1.118
1.553	0.456	2.439	0.353
0.815	0.303	0.873	0.234
-1.508	-1.908	-1.192	-2.216
-0.021	-0.979	-0.227	-1.116
0.086	0.167	0.949	0.179
0.000	-0.668	-0.424	-0.936
2.075	1.144	2.575	1.142
0.157	-0.604	0.036	-0.799

-0.461	-0.133	-1.080	-0.335
-0.347	-1.130	-0.520	-1.513
-0.116	0.483	-0.009	0.670
0.169	-0.365	0.208	-0.374
1.194	-0.129	1.150	-0.498
-1.479	-1.354	-0.961	-1.632
-2.537	-2.302	-2.421	-2.921
0.152	1.552	0.708	1.854
-0.054	-0.190	-0.149	-0.061
0.184	0.523	0.726	0.272
1.332	1.596	1.259	2.108
0.107	0.948	0.186	1.270
0.340	0.050	0.774	-0.013
0.688	0.872	1.282	1.042
1.195	0.711	0.467	0.883
-0.890	0.033	-0.955	-0.143
-1.729	-0.943	-1.191	-1.221
1.011	1.507	1.518	1.786
0.465	0.316	0.522	0.692
1.496	0.207	2.063	-0.154
0.332	-0.687	0.445	-1.048
-0.218	-0.137	0.223	-0.479
0.093	-0.219	0.156	-0.287
-1.704	-1.604	-2.211	-2.052
-0.677	-1.065	-2.216	-1.456
0.212	0.236	0.590	0.093
1.680	1.252	1.611	1.003
1.036	0.105	0.868	0.260
-1.652	0.349	-2.074	0.921
-0.452	-0.443	-0.886	-0.288
-1.849	-0.217	-1.434	-0.111
0.748	0.339	1.289	0.483
0.711	-0.830	-0.764	-0.598
-0.371	0.597	0.030	0.866
0.971	-0.273	1.528	-0.873
-2.888	-2.810	-3.780	-3.080
0.378	0.440	0.227	0.531
0.280	-0.149	0.712	-0.406
-1.876	-1.922	-2.087	-2.275
0.644	0.210	0.899	0.513
-0.087	0.557	-0.259	0.922
0.781	1.099	1.583	1.391
0.431	0.074	0.522	-0.104
-0.399	-0.017	-0.772	-0.004
-0.054	1.159	-0.604	1.069
-0.249	-0.453	-0.557	-0.481
0.206	-0.421	-0.463	-0.120

-0.607	0.199	-0.075	-0.037
0.152	-0.102	-1.572	-0.264
0.217	0.006	-0.026	-0.129
-0.772	-0.737	-1.087	-1.147
-0.033	0.834	0.431	1.293
-0.932	0.539	-0.732	0.777
3.007	1.961	3.699	2.059
0.150	0.768	1.057	0.644
2.218	1.090	2.588	1.548
1.246	1.787	1.257	1.989
-1.277	-0.935	-1.005	-0.888
0.666	0.356	1.638	0.347
0.187	-0.086	-0.077	-0.092
0.031	0.118	0.477	0.062
0.186	-0.502	0.481	-0.883
0.021	0.657	-0.869	0.955
0.844	1.350	0.594	1.285
-0.503	-0.053	0.275	0.095
0.391	0.201	0.117	0.211
-1.645	-0.775	-1.225	-0.165
-0.429	-0.889	-0.409	-0.170
0.136	-0.135	-0.357	-0.699
-0.440	-0.210	-0.535	-0.608
-0.411	-0.330	-0.330	-0.537
1.923	1.366	2.340	1.259
0.454	0.458	0.352	0.474
-1.505	-0.887	-1.895	-0.824
0.626	-0.895	0.125	-1.433
-0.657	-1.127	-1.924	-1.240
0.916	0.579	2.078	0.820
-0.707	-1.464	-0.926	-1.657
1.090	1.980	1.940	2.650
0.227	-0.211	0.215	-0.090
-0.330	-0.283	-0.209	-0.326
0.474	0.964	0.464	0.893
0.185	0.425	0.660	0.605
-0.391	0.391	0.360	0.746
0.883	0.709	0.699	1.138
0.946	0.756	0.928	0.446
0.766	1.027	-0.174	1.352
0.501	0.722	0.268	0.771
-0.954	-0.681	-0.787	-0.697
0.804	0.670	0.778	1.001
0.668	0.661	0.696	1.204
-0.939	0.026	-0.932	0.290
-1.222	-0.516	-0.817	-0.407
0.527	0.931	0.506	0.986

-0.669	-0.781	-0.993	-1.168
-0.387	-0.331	0.459	-0.660
-0.225	-0.067	-0.248	0.015
-0.853	-1.514	-1.428	-1.830
0.494	-0.184	-0.170	-0.287
-0.505	-0.528	-0.784	-0.425
-1.132	-0.053	-0.317	-0.066
-0.440	0.222	-0.333	0.130
-0.357	0.412	0.407	0.661
0.347	-0.979	-0.282	-1.360
0.690	1.053	0.501	1.293
-0.921	-0.279	-0.903	-0.204
-1.387	-0.891	-2.230	-1.126
-1.753	-0.550	-1.538	-0.492
-0.022	0.171	-0.078	0.150
0.918	-0.134	1.319	-0.387
-1.517	-0.123	-0.944	0.254
0.218	0.465	0.819	0.807
1.578	0.734	1.542	0.633
-0.268	0.386	0.154	0.597
-0.388	-0.571	-0.263	-0.653
0.086	0.117	-0.345	-0.003
1.753	1.117	2.109	1.369
0.571	0.183	1.028	0.223
1.111	0.553	1.026	0.539
1.448	1.081	1.544	1.102
0.185	-0.418	0.716	-0.235
-1.936	-1.936	-1.790	-2.295
-0.220	-0.079	-0.424	-0.293
-0.388	0.311	-0.140	0.267
-1.164	-0.728	-1.327	-0.606
0.053	-0.138	-0.307	-0.494
-0.405	0.101	-0.501	-0.335
-1.560	-1.306	-1.435	-1.368
-0.261	-1.471	-1.104	-1.554
-0.196	0.005	0.502	0.198
1.224	1.508	1.694	1.929
-0.248	-0.285	-0.893	-0.723
1.158	0.713	1.105	1.052
0.277	-0.219	0.282	-0.411
-1.037	-0.488	-1.144	-0.565
-0.334	1.309	0.488	2.070
0.258	0.074	0.747	0.254
1.282	1.003	0.341	1.047
-0.639	-0.474	-0.825	-1.005
-0.622	-0.322	-1.064	-0.470
-1.593	-0.856	-1.203	-0.740

0.316	-1.036	0.417	-1.420
-1.360	-0.660	-0.073	-0.579
1.631	0.774	2.390	0.837
1.562	1.269	2.863	1.421
-0.515	-0.213	0.910	0.149
0.952	1.061	1.559	1.078
2.440	1.477	0.065	1.692
-0.971	-0.213	-1.347	-0.178
0.366	-0.026	1.125	-0.411
1.029	0.375	1.610	0.028
0.403	-0.505	0.409	-1.027
0.000	0.094	-0.915	-0.063
-0.776	-0.167	-1.910	-0.222
0.580	-0.037	1.690	0.108
-0.289	-0.634	-0.103	-0.923
-0.155	-2.610	-3.181	-2.052
-1.399	-0.704	-1.278	-0.506
0.147	-0.016	0.038	0.554
0.335	0.979	0.231	1.276
-1.115	-0.448	-2.300	-1.137
1.210	1.086	1.398	1.744
1.649	0.624	1.483	0.582
2.116	0.572	0.935	0.587
4.422	2.716	5.817	3.063
-2.103	0.195	0.368	-0.008
1.135	1.133	0.766	1.744
0.359	0.456	0.478	1.007
0.676	-0.147	0.804	-0.060
0.423	0.500	0.393	0.290
2.256	1.974	2.608	2.449
0.000	0.374	0.008	0.267
1.331	0.945	0.953	1.018
-1.547	0.161	-0.367	0.765
-0.028	-0.400	0.209	-0.170
-0.019	0.657	0.262	0.473
1.158	0.523	0.231	0.294
-0.158	-0.014	-0.467	-0.573
-0.102	-0.101	0.447	-0.546
-0.457	0.650	-1.101	0.371
0.112	0.335	-1.025	-0.133
0.345	0.696	0.635	1.531
1.909	1.822	2.882	1.686
0.873	0.484	0.876	0.464
0.244	0.028	1.224	-0.367
-1.365	-0.288	-1.058	-0.355
1.337	0.626	1.670	0.954
1.025	0.540	1.475	0.873

1.068	1.616	1.442	2.172
1.842	0.447	1.209	-0.055
-0.873	-0.887	-0.790	-0.849
-1.049	-1.993	-2.621	-2.772
-1.230	-1.284	-2.518	-2.216
0.884	0.239	0.733	0.464
0.629	0.435	-0.290	0.058
-2.595	-2.199	-2.952	-3.343
-2.301	-2.478	-2.765	-3.275
-1.816	-1.369	-1.348	-1.406
2.121	0.662	2.203	0.256
-2.018	-1.374	-1.841	-1.523
-0.881	-0.797	-0.940	-0.873
1.474	1.613	2.226	2.699
1.119	1.138	1.503	1.562
1.783	2.691	2.456	3.617
2.945	2.880	5.388	2.988
-0.018	-0.870	-0.318	-1.275
-1.849	-1.350	-3.403	-2.027
0.772	1.008	2.478	0.796
-0.655	-0.635	-0.829	-0.917
1.811	1.280	1.780	1.281
-0.195	0.084	-0.680	0.496
-0.062	-0.326	-0.521	-0.820
-0.765	-1.534	-1.757	-2.169
-2.240	-1.039	-1.214	-0.965
-0.964	-0.533	-1.119	-0.740
0.808	1.144	1.732	1.460
1.606	1.700	3.040	2.010
-1.351	-0.856	-0.970	-1.198
0.945	0.009	-0.632	-0.473
0.649	0.790	1.315	1.324
-0.441	0.574	-0.206	0.575
-1.143	0.488	0.168	0.300
-1.332	-0.679	-1.383	-0.702
-1.284	-0.933	-1.696	-1.265
-0.837	-0.652	-1.409	-0.482
-0.549	-0.685	-0.470	-1.012
1.237	-0.622	1.585	-0.602
0.328	0.894	0.374	1.548
-0.112	-1.236	-1.850	-1.999
0.430	0.241	-0.560	0.034
0.808	0.843	0.766	1.196
-0.148	-0.444	-0.322	-0.538
-1.907	-3.226	-4.185	-3.840
0.752	1.667	0.234	1.832
0.094	-0.015	-0.021	-0.107

-0.959	-0.649	-0.547	-0.367
-1.562	-1.172	-1.284	-1.331
1.183	0.824	1.524	1.169
-0.123	-0.665	-0.787	-0.782
-0.200	-0.327	-0.008	-0.111
0.702	1.614	1.010	2.257
-0.892	0.288	-1.021	0.720
-0.229	-0.200	1.023	-0.217
-0.316	-0.186	-1.217	-0.012
0.010	-0.411	0.493	-0.413
1.162	1.045	1.031	0.963
1.542	1.962	2.084	2.362
-0.524	-0.024	-0.187	0.059
-0.734	-0.885	-1.255	-1.155
-0.521	-0.942	-1.818	-1.192
-0.791	-0.369	-1.340	-0.265
-1.485	-1.689	-2.430	-2.081
0.986	1.333	1.462	1.434
0.642	0.434	0.715	0.268
0.220	0.490	0.560	0.346
-1.103	-0.822	-1.262	-1.014
-0.290	0.453	-0.407	0.959
-0.913	-0.879	-2.698	-0.579
0.322	1.058	2.043	1.303
0.930	-0.005	0.524	0.554
-2.153	-0.345	-0.974	0.022
1.038	0.708	0.622	1.192
-0.215	0.347	2.015	0.654
1.829	1.273	1.967	1.547
-0.500	-0.152	0.037	0.169
-3.342	-2.269	-4.906	-2.615
1.277	1.542	2.725	1.990
-1.627	-0.486	-2.189	-0.267
-2.092	-0.823	-2.100	-0.507
-0.810	-0.473	-0.869	-0.388
2.611	0.948	2.744	0.873
-1.669	-1.811	-1.467	-1.933
-0.276	-0.578	0.442	-0.328
0.367	-1.392	0.310	-2.063
-2.204	-1.616	-2.966	-1.863
-0.313	0.885	-0.652	1.727
0.209	0.253	-0.014	0.371
1.202	0.860	2.791	0.898
1.127	1.323	2.165	1.366
-2.381	-1.003	-2.525	-1.047
0.219	1.244	0.906	1.285
-0.700	-0.936	-1.291	-1.308

-1.372	-1.302	-2.344	-1.455
-0.298	-0.520	-0.424	-0.277
-0.717	0.000	-0.467	0.210
-0.603	0.349	0.235	0.086
-0.141	-0.258	-0.526	-0.346
-1.669	-2.958	-2.720	-3.392
-2.258	-0.837	-2.424	-0.591
-2.103	-2.066	-2.629	-2.033
0.367	0.439	2.094	0.171
-0.115	-0.439	-0.557	-0.588
1.490	1.602	2.653	1.946
-1.834	-1.270	-2.507	-2.037
-0.311	-0.171	-1.089	0.045
-1.710	-0.845	-1.724	-0.900
-0.990	-0.325	0.003	-0.464
3.539	2.426	5.078	3.123
-0.896	-1.305	-1.706	-1.554
1.341	0.604	2.060	0.833
1.166	0.965	0.951	1.287
0.045	0.379	0.370	0.468
2.082	1.678	2.967	2.069
-0.564	-0.425	-0.498	-0.500
-1.597	-2.045	-1.743	-2.735
0.360	0.148	0.469	0.177
-0.664	-0.520	-0.634	-0.916
-0.965	-1.037	-1.452	-0.982
1.235	0.488	1.523	0.948
-0.023	-0.064	-0.430	0.092
-1.934	-1.515	-1.641	-1.728
1.346	1.102	1.810	1.043
-1.231	-0.533	-1.370	-0.842
1.672	1.623	2.191	1.855
0.293	0.027	-0.590	-0.010
1.230	0.694	0.660	0.630
1.127	0.673	1.340	0.527
0.973	0.679	0.235	0.224
0.974	0.700	0.407	1.013
-0.790	-1.468	-0.439	-1.883
-2.574	-1.384	-3.519	-1.765
1.581	1.011	2.056	0.807
-1.436	-1.032	-1.536	-0.877
2.081	0.642	2.203	0.439
-1.471	-0.679	-0.409	-0.730
-1.202	-0.229	-1.392	-0.218
-3.566	-2.512	-4.197	-2.763
-2.229	-1.455	-2.186	-1.407
0.839	-0.417	0.357	-1.028

-4.474	-4.689	-7.192	-6.424
1.113	0.919	1.974	0.895
-1.199	-0.127	-1.288	-0.022
1.454	0.503	1.831	1.094
2.149	1.823	3.156	2.430
1.227	1.104	2.371	1.375
0.690	-0.241	0.518	-0.862
0.697	1.266	1.443	2.290
1.629	1.245	2.358	1.576
0.884	0.845	0.514	0.250
-2.571	-0.911	-2.318	-0.987
-6.381	-2.957	-5.447	-3.188
1.019	-0.668	0.386	-0.468
-6.823	-4.075	-6.553	-4.692
-1.052	-1.670	-3.171	-1.616
0.277	-0.102	0.915	-0.113
1.400	0.295	2.512	0.201
-1.019	-0.856	-1.404	-0.872
-0.474	-0.504	-0.323	-0.017
0.290	0.461	-0.003	1.663
1.773	0.989	2.770	1.296
-0.336	0.299	-0.573	-0.336
-0.964	-0.335	-0.919	0.664
1.003	0.938	0.486	1.066
0.877	1.094	1.566	1.961
1.921	1.210	1.773	1.642
1.575	1.046	2.108	1.019
0.581	0.298	0.500	-0.014
-0.917	0.423	-1.783	0.332
0.793	0.490	1.156	-0.495
0.824	-0.398	0.197	-0.801
-1.580	-0.446	-1.547	-0.109
-0.100	-0.040	-0.095	0.656
-1.190	-0.552	-2.045	-0.438
-0.227	-0.271	-1.113	0.109
-2.883	-1.537	-3.601	-1.840
-0.273	-1.489	-1.117	-1.816
-0.864	-1.216	-0.997	-0.990
0.538	0.553	0.544	0.146
-0.498	-0.927	-1.540	-1.662
-1.390	-0.443	-0.922	0.579
2.423	1.831	4.977	2.274
-0.915	-0.233	-1.828	-0.363
2.758	1.843	3.369	1.734
-0.217	-0.908	-1.621	-1.314
-1.405	-1.282	-1.776	-1.532
-1.044	-0.120	-0.580	-0.368

0.927	0.324	1.618	-0.229
-1.836	-1.752	-3.556	-2.164
-0.544	-1.498	-1.127	-2.045
0.398	-0.360	1.072	-0.886
-1.711	-0.367	-2.417	0.036
1.976	0.156	1.212	-0.995
-0.716	-0.800	-1.567	-0.663
0.677	0.874	1.916	2.145
2.585	2.360	4.911	3.099
1.281	1.243	2.785	1.193
2.327	1.020	2.935	0.809
-0.937	-0.643	-0.706	-0.992
2.197	1.436	2.382	1.718
-0.838	-0.644	-2.106	-0.999
-1.083	-2.303	-2.593	-3.290
-3.088	-2.481	-3.536	-3.078
-0.336	-0.205	-0.530	-0.504
0.052	0.143	1.075	0.680
1.312	1.157	1.489	1.679
1.257	1.223	1.451	1.204
0.792	0.612	1.477	0.515
-2.330	-1.921	-3.589	-2.662
1.349	1.509	1.898	2.858
0.152	-1.589	-0.048	-2.286
0.804	0.792	2.561	1.555
-0.590	-1.008	-0.865	-1.477
-0.151	0.701	0.978	0.691
1.651	1.267	2.059	1.369
-2.882	-2.086	-3.927	-2.327
2.047	2.611	3.667	3.810
0.424	-0.525	0.686	-0.727
-3.228	-4.210	-6.870	-5.309
0.180	1.211	1.325	1.885
-3.502	-2.208	-4.510	-2.831
1.439	0.927	1.977	1.163
2.140	2.021	2.858	2.551
-0.244	-0.298	-0.672	-0.474
-2.145	-1.231	-2.141	-2.091
0.263	-0.618	0.028	-1.005
0.562	-0.095	0.028	0.448
1.706	0.038	2.009	-0.682
-0.643	-0.540	-1.330	-0.516
-1.560	-0.453	-1.006	-0.251
0.118	0.166	0.302	0.449
0.118	0.083	0.035	0.149
-0.445	0.699	-0.450	0.367
1.963	0.807	2.452	1.304

0.603	0.282	0.323	0.089
-2.435	-0.673	-2.779	-0.929
1.095	0.384	1.397	0.986
2.775	2.384	3.871	3.512
0.516	0.098	0.401	0.169
-0.794	-0.252	-0.837	-0.035
1.319	1.561	2.617	2.381
1.302	0.759	1.094	0.402
0.981	0.288	0.610	0.195
0.256	-0.150	0.113	-0.197
0.231	0.359	0.385	-0.136
0.617	1.158	1.086	1.580
-2.393	-0.669	-1.426	-1.329
-0.025	-0.393	0.302	-0.685
-0.334	-0.461	-0.099	-0.871
1.000	0.461	-0.006	0.192
-0.172	0.642	0.642	0.896
0.576	2.373	1.505	2.949
-0.897	-0.110	-1.652	-0.710
0.909	1.427	1.831	1.707
-0.073	0.683	-0.891	0.623
2.680	1.984	3.008	3.207
0.083	-0.273	-1.253	-0.720
-1.741	-0.509	-1.780	-1.029
1.048	0.710	1.478	0.399
-0.336	0.367	0.003	0.094
-1.784	-1.082	-2.725	-2.448
-0.540	-1.202	-1.114	-1.550
-0.791	-0.478	-1.041	-0.905
0.975	1.162	1.067	1.078
-0.505	0.023	-1.346	0.090
-1.719	-0.645	-2.219	-0.943
0.888	0.577	0.682	1.387
0.435	1.133	1.017	1.290
1.171	1.774	2.082	2.167
-0.209	-0.516	-0.443	-0.564
0.795	1.046	0.907	1.513
0.583	-0.022	1.103	0.617
0.012	0.005	0.099	0.045
-0.133	-1.063	-0.676	-0.888
-2.145	-1.678	-0.948	-1.677
-0.609	-0.963	-1.273	-1.272
-0.212	-0.051	-0.134	-0.920
-0.463	-0.283	0.186	-0.175
-0.592	-0.324	0.284	-0.470
-1.488	-0.171	-2.715	-1.236
0.893	-0.246	-0.248	-0.720

-0.076	0.177	0.746	0.252
0.570	0.524	0.548	1.225
-0.825	-0.244	-0.612	0.039
-0.652	-1.041	-0.884	-1.488
1.779	0.711	1.429	0.906
0.703	0.171	1.068	0.247
-0.100	-0.023	-0.352	0.007
-0.175	0.262	-0.850	0.072
0.961	0.216	0.968	0.578
-2.135	-1.354	-1.381	-1.803
-0.547	-0.288	-0.411	-0.086
-0.602	0.334	-0.520	0.858
-0.747	-0.947	-0.543	-1.083
-0.701	-0.326	-0.512	-1.104
1.743	1.376	2.485	2.036
2.752	2.232	3.305	2.105
-0.625	-0.056	-0.589	-0.198
1.221	0.795	2.032	1.243
-0.310	0.306	0.278	0.326
0.161	0.427	0.560	0.684
0.037	-0.066	-0.179	0.189
0.568	0.183	0.935	0.301
1.468	0.171	2.211	0.602
-0.890	-0.359	-1.019	-0.889
0.781	0.392	0.604	0.414
-0.341	-0.099	-0.918	-0.209
0.487	0.166	0.967	0.094
0.702	0.813	1.275	1.159
0.133	-0.488	-0.118	-0.634
-0.567	-0.568	-0.834	-0.882
-0.558	-0.593	-0.648	-0.727
-1.509	-0.563	-1.309	-0.996
-0.434	-0.786	-0.395	-1.131
1.160	0.724	1.375	1.044
-0.776	-0.848	-0.441	-1.232
-0.570	0.180	-0.502	-0.338
-0.199	-0.848	-0.215	-0.955
-0.550	-0.724	-0.581	-1.111
2.194	1.381	2.262	1.815
-0.565	-2.000	-2.012	-1.553
-0.482	-0.734	-0.718	-1.259
0.457	0.255	0.796	0.617
-2.611	-1.668	-3.563	-1.782
1.345	1.059	2.503	1.268
-1.193	-1.200	-1.394	-1.079
-0.393	0.587	0.303	0.484
0.177	-0.381	-0.499	-0.194

-0.076	0.492	0.546	1.078
-1.520	-1.342	-2.788	-1.529
-1.165	-0.024	-0.826	0.085
-0.182	-0.499	-0.693	-0.632
0.208	-2.120	-0.417	-2.376
-1.535	-1.874	-2.949	-2.738
0.593	0.136	0.337	-0.357
-1.323	-0.019	-3.205	-1.400
0.346	0.470	1.984	0.549
1.135	0.664	2.428	1.368
1.316	0.458	1.460	1.256
1.286	2.070	2.085	3.076
-1.650	-0.653	-2.389	-0.756
-0.156	-0.669	-0.635	-1.019
-0.326	-0.182	-0.969	0.006
1.593	1.061	2.278	1.153
0.819	0.854	1.986	0.416
1.380	0.988	0.786	1.102
-0.706	-0.721	-1.224	-0.320
-0.470	-0.214	-0.776	0.254
0.127	0.053	0.155	-0.154
0.013	0.273	-0.333	-0.152
2.409	2.110	3.170	2.375
-0.261	0.295	-0.051	0.167
1.701	2.479	2.382	4.048
0.049	0.197	-0.210	0.431
-0.982	0.247	-1.180	0.137
0.468	-0.479	-0.509	-0.393
-0.455	0.355	0.480	0.247
0.123	-0.096	0.187	-0.071
0.222	0.902	0.509	0.956
0.184	-0.050	0.810	0.065
-0.665	-0.841	-1.075	-0.868
-0.136	0.101	-0.006	0.126
-1.621	-0.892	-1.033	-0.649
0.426	0.198	0.462	0.254
-1.120	-1.305	-1.589	-1.405
1.844	1.943	2.277	2.224
0.471	0.169	0.520	0.322
-0.782	0.118	-0.982	0.147
1.313	0.799	1.680	1.026
0.638	0.898	0.888	0.813
-0.995	-0.448	-1.784	-0.541
0.897	1.135	1.142	1.260
0.269	1.209	0.385	1.056
0.244	0.060	0.102	0.212
-0.158	-0.673	0.087	-0.819

-0.722	-0.114	-0.462	-0.169
-1.672	-1.677	-1.604	-1.744
-1.333	-1.250	-2.097	-1.470
1.195	0.470	1.403	0.477
-0.288	-0.235	-0.869	-0.533
-0.844	-0.134	-0.902	-0.434
-2.471	-1.105	-1.484	-1.197
-1.568	-1.600	-3.025	-1.732
-1.821	-0.671	-3.343	-1.108
0.442	0.590	0.094	0.521
-0.791	1.369	-0.797	1.312
-0.108	-0.176	0.014	-0.042
-0.744	-1.504	-1.245	-1.913
-1.092	0.669	-1.124	0.800
0.274	-0.046	0.959	-0.019
-2.593	-2.580	-3.919	-3.027
0.252	0.224	1.275	0.378
0.126	-0.661	0.268	-0.559
-0.224	0.378	-0.702	0.403
0.294	0.764	0.607	0.614
1.085	0.187	1.711	0.430
-1.407	-0.863	-0.759	-0.872
-0.042	0.224	0.279	0.168
0.028	-0.436	-1.004	-0.494
-0.535	1.402	-0.668	1.315
1.345	0.662	0.569	0.502
0.721	-0.849	0.548	-0.935
2.349	0.930	2.718	1.070
-0.949	0.156	0.025	0.045
1.568	1.678	2.763	1.980
0.655	0.312	0.611	0.431
0.704	-1.019	0.846	-1.015
0.198	-0.183	-0.289	-0.104
-0.862	-0.195	-0.051	-0.159
0.173	0.595	1.219	0.805
2.508	0.182	2.355	0.319
0.143	0.817	0.685	0.757
0.517	2.086	1.684	2.006
-1.859	-0.934	-3.104	-0.720
0.641	0.045	-0.355	-0.138
-0.983	0.668	-0.764	0.514
-0.541	1.541	-1.254	1.440
-0.371	-1.131	-0.657	-0.631
-0.426	0.369	-0.503	0.548
-1.750	-1.990	-2.140	-2.230
1.201	-1.521	0.751	-1.567
-0.727	-1.002	-1.183	-1.215

-0.746	-1.170	-1.715	-1.562
-0.478	-0.613	-0.791	-0.786
0.423	-1.220	-0.365	-0.939
0.949	-1.092	0.736	-0.799
1.167	0.890	1.602	1.073
0.691	-0.143	0.653	-0.257
-1.066	-0.220	-1.181	-0.189
-0.201	-0.664	0.000	-0.839
1.280	0.748	1.903	0.693
1.707	1.602	2.629	1.852
-1.060	-0.701	-0.252	-0.609
-0.211	-0.717	0.072	-0.757
0.316	0.433	0.296	0.361
1.306	1.715	1.255	1.940
-0.599	-0.473	-0.565	-0.441
0.715	-0.457	0.726	-0.487
1.352	0.176	1.069	0.207
0.102	0.334	-1.253	0.515
-0.089	0.245	-0.191	0.079
-0.295	0.767	-0.583	0.674
0.995	0.635	1.186	0.613
-0.662	0.956	-0.570	0.607
-1.858	-1.412	-3.136	-1.614
0.494	0.565	0.287	0.711
0.646	1.154	0.266	0.589
1.076	2.035	2.674	1.786
-0.064	0.804	0.502	0.614
0.863	-0.832	0.347	-0.635
0.202	-0.173	0.279	-0.389
-1.167	-1.512	-1.202	-1.621
-1.426	-0.916	-1.210	-0.719
0.658	0.217	0.363	0.569
0.794	-2.722	-0.387	-2.693
0.217	0.310	0.914	0.311
0.267	0.751	0.518	0.636
-0.063	-0.337	-0.168	-0.657
0.646	0.238	1.609	0.394
0.892	-0.197	0.600	0.395
-0.200	-0.542	-0.964	-0.941
0.000	-0.439	-0.100	-0.755
-0.314	-0.944	-1.323	-1.449
-0.858	-0.869	-2.201	-1.047
0.051	0.167	0.576	0.139
-0.865	-0.221	-0.745	-0.096
-0.128	-0.408	-1.004	-0.424
0.638	-0.247	-0.712	0.042
0.861	1.885	1.716	1.608

-0.671	-0.515	-1.251	-0.543
0.658	0.273	0.996	-0.162
0.616	-4.588	-0.194	-5.797
-1.071	-0.991	-1.752	-0.654
1.920	1.739	1.832	1.794
0.805	1.205	1.503	1.552
1.128	1.191	2.093	1.665
0.692	-0.548	0.910	-0.348
1.191	0.746	1.411	0.688
1.343	0.646	2.300	0.951
-0.925	-0.388	-0.201	-0.244
-0.083	-1.071	0.067	-0.499
-1.019	0.855	-0.653	0.966
1.518	1.162	0.901	1.728
-0.202	0.077	-0.115	0.214
1.111	1.019	1.093	1.319
0.047	1.026	0.293	1.203
-0.294	0.226	-0.589	0.319
0.153	-0.925	0.281	-0.685
-0.673	-0.369	-1.045	-0.656
-1.036	-0.759	-1.224	-0.701
-0.408	-0.682	-0.520	-0.539
1.787	-0.794	0.262	-1.367
0.694	0.072	0.216	-0.008
-0.059	1.256	0.444	0.801
-0.836	-0.486	-1.621	-1.041
0.295	0.498	1.206	1.245
-0.201	-0.647	0.373	0.610
1.023	0.700	-0.022	0.142
0.315	-0.433	-0.006	-0.252
-1.907	0.048	-1.414	-0.116
0.569	-0.524	0.860	-0.671
-2.041	-0.833	-2.010	-1.075
-0.350	0.857	0.546	0.697
-3.148	-2.013	-3.628	-2.205
-0.112	-0.183	-0.405	-0.214
1.391	0.899	1.413	0.995
-0.892	-0.254	-0.970	-0.651
-2.469	-0.827	-2.567	-1.025
-0.691	-1.496	0.466	-1.465
2.398	0.655	2.903	0.908
0.325	1.401	0.725	1.316
-1.397	0.364	-0.732	0.375
-1.751	-1.194	-1.566	-1.504
0.077	-0.417	-0.481	0.081
1.000	0.803	1.719	1.386
0.585	0.718	0.869	0.740

0.569	0.018	0.034	0.002
0.390	0.061	0.571	-0.008
-1.506	0.145	-1.055	0.884
1.129	0.537	0.708	0.948
-1.820	-0.307	-2.058	-0.595
1.149	0.253	0.147	0.245
-5.171	-2.553	-5.036	-2.338
-0.886	-1.636	-1.332	-2.564
0.242	-0.636	2.142	0.046
-3.701	-4.573	-5.365	-5.385
-6.340	-5.286	-7.104	-6.916
2.149	-0.125	2.282	0.647
3.547	3.051	4.085	3.971
0.197	0.061	0.821	1.077
-2.341	0.007	-1.545	-0.132
-1.475	-3.734	-2.038	-3.762
-7.016	-11.165	-7.841	-10.256
1.150	0.298	0.449	-0.189
-0.217	-3.488	-0.533	-4.634
-12.433	-11.603	-11.689	-13.295
0.890	-2.815	-0.099	-3.275
-8.389	-6.108	-10.529	-5.144
0.584	3.912	1.637	6.128
-10.011	-12.239	-12.360	-13.889
-2.014	1.225	-3.660	-1.303
3.047	0.405	4.290	0.177
-4.370	0.869	-7.134	-1.561
4.328	8.012	7.384	10.801
5.345	4.715	7.717	7.272
2.064	2.639	5.912	3.371
-3.478	-5.551	-8.507	-7.299
-2.604	-2.586	-2.664	-3.200
2.108	0.714	3.564	0.666
-1.683	0.311	-2.668	1.127
0.705	1.714	0.095	1.020
-1.802	0.000	-2.704	-1.075
2.721	4.854	4.437	5.367
4.775	2.505	5.419	3.335
-0.513	0.062	-1.419	0.320
4.925	5.383	5.363	6.528
-1.039	2.209	-1.511	2.933
3.440	1.363	3.522	3.130
-4.694	-3.824	-5.622	-4.345
-1.533	-0.110	0.135	-0.488
0.451	-1.034	-0.829	-1.340
0.337	0.865	0.084	1.031
-4.434	-1.909	-3.254	-1.656

0.779	4.559	1.747	4.713
2.205	4.281	2.652	4.246
0.737	0.173	0.439	0.565
0.563	0.502	0.621	0.492
-0.131	0.437	1.145	-0.448
5.241	2.493	3.929	3.102
-1.019	-1.393	-0.988	-2.032
-1.923	-0.921	-2.689	-2.030
-0.349	0.124	-0.796	0.935
1.659	1.587	1.830	0.875
-0.671	-0.184	-1.469	-0.596
0.327	1.354	0.727	2.208
1.673	1.381	3.525	2.545
-1.601	-1.177	-1.129	-1.229
0.903	0.481	0.988	0.496
-2.125	-0.436	-1.007	-0.450
-2.058	-0.309	-3.251	-0.706
1.783	2.124	0.511	2.611
4.270	2.145	3.235	2.831
2.129	1.009	2.749	1.551
0.723	1.176	1.922	1.592
0.666	-1.176	-0.276	-1.082
-1.717	-0.410	-1.637	-0.487
2.514	-1.057	2.295	-0.391
0.287	-0.540	-1.178	-1.205
2.084	1.381	1.341	1.457
-1.663	0.223	-3.702	-0.971
1.581	1.897	2.417	2.192
3.949	0.830	5.230	1.931
2.135	0.231	3.825	0.319
-0.062	0.842	-0.620	0.994
1.558	1.548	2.357	1.266
0.595	2.027	0.455	0.019
1.330	0.053	0.916	-0.182
-2.616	0.000	-1.955	0.194
-1.961	-3.434	-2.754	-3.182
0.016	-0.388	0.209	-0.505
-2.289	-1.350	-3.686	-1.838
0.257	0.239	0.163	0.811
2.690	1.395	4.135	0.396
-1.447	-1.297	-1.936	-0.891
1.914	1.172	1.502	0.914
-0.984	0.856	0.122	1.617
2.019	1.670	2.576	2.532
-2.491	-1.183	-2.277	-1.976
-0.601	-0.859	-0.760	-0.269
-0.620	-0.186	-1.118	-0.558

1.158	0.076	1.319	0.229
-0.808	1.420	-0.270	2.340
0.523	0.191	1.361	0.506
1.632	0.278	2.429	1.266
1.268	1.199	0.260	1.044
-0.123	0.388	-0.572	0.639
1.694	2.132	2.490	2.562
-0.212	0.254	0.892	0.444
-0.425	0.052	-0.041	-0.013
1.751	0.111	2.094	0.036
-0.826	-0.849	-2.355	-1.103
1.616	0.999	2.135	1.486
-0.312	-0.267	-0.313	-0.303
-0.224	0.364	-0.076	0.393
0.595	1.219	0.728	1.861
0.503	1.785	2.322	3.318
1.145	0.107	-0.692	0.268
0.204	-0.498	-0.752	-1.028
-0.277	-0.101	-1.952	-0.444
2.708	3.684	3.279	3.956
-0.828	-0.134	-0.254	-0.169
-0.965	-0.018	0.616	-0.349
-3.086	-2.211	-4.235	-3.066
-0.374	0.081	-1.722	0.615
-2.135	-1.426	-2.034	-0.863
-0.276	0.832	-0.384	1.070
2.575	2.559	3.243	3.513
-0.947	-0.817	-1.971	-1.834
-0.121	-1.774	-2.168	-2.317
-0.606	-0.057	-0.770	-0.047
0.757	-2.153	0.860	-2.379
1.795	0.608	1.526	0.119
0.606	1.205	-0.025	1.923
0.280	-0.290	-0.197	0.261
-0.324	1.910	-0.696	1.375
0.074	-0.199	0.730	0.433
0.587	-1.433	0.034	-2.597
-3.154	-0.531	-2.386	-0.961
1.381	0.209	2.805	-0.077
1.948	1.069	2.753	1.057
-0.925	-0.106	0.151	-0.317
0.706	1.059	0.353	1.292
0.117	-0.522	-0.174	-0.702
0.874	1.601	0.812	2.097
-2.066	-0.461	-3.769	0.070
0.811	0.602	2.819	0.596
-0.930	-1.400	-2.314	-1.979

-0.669	-0.654	-1.205	-1.286
0.655	-1.106	-0.773	-2.019
-0.148	-0.895	-0.647	-0.923
1.810	2.438	4.299	3.659
0.669	0.565	0.449	-0.288
1.524	-0.248	0.130	-1.001
0.086	1.637	0.430	2.535
-0.086	0.730	1.035	1.734
0.185	0.182	0.567	0.736
-1.290	-1.591	-1.279	-2.177
-0.376	-0.437	-1.149	-0.133
-5.201	-3.722	-6.667	-5.862
-0.719	0.326	1.232	0.163
-1.206	-2.097	-0.293	-3.414
-0.156	0.182	0.004	-0.049
-0.782	-0.437	-2.260	-0.905
1.449	1.241	2.329	2.224
1.123	1.219	1.334	1.473
0.777	0.153	1.531	0.357
-0.213	0.755	1.031	0.994
0.969	-0.704	1.415	-2.071
0.780	0.596	-0.217	0.686
-0.419	-0.209	-0.514	-1.285
-0.030	-0.140	-0.318	-0.324
1.609	0.664	0.227	1.161
1.830	2.121	2.137	2.741
0.420	0.321	0.512	0.371
-1.221	-1.058	-1.369	-1.538
1.033	1.169	0.950	1.015
-0.799	-1.194	-1.711	-1.681
1.664	0.571	0.953	1.625
0.558	-0.019	0.819	0.420
1.065	-0.130	-0.008	-0.309
1.888	0.352	2.054	-1.313
-0.472	-0.539	-0.131	-0.071
0.014	-0.217	1.052	-0.325
-0.586	-1.454	-0.318	-1.218
-0.999	0.441	-0.386	0.242
-4.719	-3.739	-4.789	-5.986
-1.554	-0.700	-1.674	-0.881
0.181	1.221	1.068	0.991
0.898	1.078	1.877	1.647
3.022	1.863	2.239	3.069
0.734	-0.543	1.845	-0.392
2.857	3.663	4.616	5.023
1.508	1.202	1.970	1.058
3.309	-0.526	2.593	-1.356

0.119	-1.122	-1.883	-3.559
-0.546	-0.227	-0.817	-0.079
-1.411	0.955	0.327	1.005
0.392	-0.372	-0.205	0.171
3.145	1.040	1.701	1.879
-1.011	-0.589	-1.148	-0.506
0.145	-0.568	0.368	0.281
-0.158	-1.126	-1.566	0.103
-0.132	0.912	0.938	1.081
-1.303	-1.526	-0.485	0.343
0.080	0.249	1.371	0.435
0.958	0.878	0.395	2.673
1.695	0.166	0.264	0.780
-2.533	-0.573	-3.493	-1.485
1.630	1.929	2.679	0.805
1.111	0.236	0.109	1.859
1.484	0.753	1.810	1.746
-0.372	-0.072	0.424	-0.521
2.023	0.844	0.856	1.316
0.101	0.232	0.471	0.514
0.565	-0.507	0.524	-0.922
0.163	-0.383	-1.058	1.122
-0.138	0.341	0.063	-0.280
1.613	-0.239	0.814	-0.656
0.785	1.221	1.129	1.034
0.414	0.860	0.369	1.471
2.285	1.976	2.745	2.427
1.592	0.000	0.634	0.763
-3.295	-1.612	-2.567	-1.091
0.519	-0.781	-0.260	-0.332
0.743	1.242	0.920	1.772
0.239	-0.047	-0.445	-0.502
0.760	-0.327	-0.800	-0.539
-0.915	0.134	-0.103	0.161
0.962	1.500	1.633	2.269
-0.106	-0.571	-0.515	-0.671
2.373	3.135	0.981	2.986
-3.623	-0.146	-2.549	0.920
-0.024	-0.225	-0.429	-0.726
-0.096	-0.113	-1.323	1.198
1.842	-1.001	2.299	-0.751
-1.938	-1.368	-1.053	-3.446
0.180	0.121	0.757	0.499
1.546	0.385	1.215	0.777
0.612	0.965	1.412	1.555
-0.706	-1.701	-0.467	-3.701
3.231	1.155	3.282	2.279

-1.058	1.107	0.731	0.977
1.946	0.389	0.690	0.486
-1.611	-0.950	-2.204	0.525
-1.520	-0.290	0.870	-0.035
1.543	-0.417	-0.268	-1.089
-2.472	-2.250	-2.003	-3.889
1.068	0.874	0.651	0.510
-0.868	-0.331	-0.139	-0.220
0.774	0.719	0.030	1.857
-0.798	-0.017	1.019	-0.026
0.868	1.166	0.827	1.827
1.634	-0.970	0.817	-1.189
1.097	1.135	2.524	1.456
1.119	0.857	0.524	1.144
1.118	-0.289	1.285	0.170
1.391	0.886	1.573	1.099
0.131	-0.315	0.589	-0.847
0.546	-0.079	1.074	-0.651
0.802	0.658	-0.147	1.216
-1.787	-1.156	-1.297	-1.594
0.843	-1.543	-0.331	-2.579
1.041	0.339	1.024	0.781
0.323	1.107	-0.823	-0.346
-0.518	-1.130	-1.128	-1.608
-0.749	0.275	-0.354	0.945
0.641	0.040	-0.830	-1.149
-2.388	-2.902	-3.308	-3.859
2.992	1.218	4.031	2.355
1.102	0.655	0.689	0.632
-0.181	-0.226	0.538	-0.873
-0.245	-0.505	-1.364	-0.801
-0.697	-0.760	-1.398	-1.104
0.151	-0.624	-0.724	-1.061
1.228	1.395	1.605	3.658
1.965	0.499	1.955	0.428
0.436	1.244	2.255	2.663
-1.010	-0.966	-2.179	-0.985
0.459	-0.035	-0.327	0.563
0.654	0.023	0.524	-0.091
-1.386	-0.859	-1.461	-0.735
1.137	0.122	1.053	-1.747
-0.991	0.209	-0.367	-0.068
0.188	-0.699	0.233	-0.331
-2.521	-2.027	-1.333	-2.186
-0.689	-0.743	-1.432	-2.444
-0.498	-0.888	-1.469	-1.577
2.973	1.565	2.895	1.876

0.074	-0.335	1.262	-0.387
-0.116	-0.746	0.558	-0.241
0.714	0.428	-0.006	1.401
1.671	2.288	2.769	3.302
0.513	-0.182	0.620	0.130
1.846	0.751	0.668	1.263
-0.544	-1.016	-1.727	-1.251
0.051	0.764	-0.202	1.068
-1.097	-0.376	-0.883	-0.432
-1.399	-0.898	-0.927	-1.394
1.184	0.680	1.335	1.906
1.211	0.985	1.741	1.443
1.555	2.142	2.038	1.788
1.109	0.615	-0.055	0.685
-0.702	-0.370	-0.512	-1.296
-1.027	-0.422	-1.958	-2.092
2.013	1.307	0.833	1.246
-1.444	-0.697	-0.694	0.288
-0.439	-0.063	0.121	0.237
0.130	0.528	0.250	1.228
-0.531	-0.551	-0.797	-1.011
-0.231	0.097	0.876	0.283
-0.657	-0.154	-0.418	-0.653
-2.535	-1.909	-2.661	-3.427
0.859	1.521	0.248	1.833
-1.265	-1.295	-1.550	-1.949
1.080	0.836	1.897	1.405
1.027	1.522	2.042	1.127
2.123	1.994	2.218	2.881
0.110	-0.300	-0.367	-0.895
-1.521	-0.546	-1.136	-0.133
-0.183	-0.735	-0.658	-1.010
-1.568	-1.601	-1.948	-1.843
0.915	1.584	0.668	2.303
1.714	1.549	1.081	1.803
1.349	0.564	0.970	0.467
-2.522	-1.523	-1.385	-2.085
0.345	0.559	0.892	1.036
-0.488	0.250	0.038	-0.122
-0.952	0.560	-0.350	0.383
0.349	0.077	1.167	0.269
-0.596	-0.232	0.564	0.736
1.951	-0.477	0.846	0.142
0.283	0.289	1.101	-0.063
2.372	1.611	1.748	1.817
1.029	0.392	1.310	0.761
-1.098	-1.621	-1.112	-1.786

0.893	0.408	0.678	0.862
-1.150	-0.579	-0.862	-0.643
-1.053	-0.427	-0.847	-0.366
0.150	-0.106	0.217	-0.555
-0.070	0.033	-0.006	-0.023
-0.822	-0.150	-0.714	0.104
-0.201	-0.139	0.184	0.068
-1.883	-1.274	-1.587	-2.159
0.297	0.254	0.398	0.612
-4.045	-3.830	-3.286	-4.032
-1.062	-1.355	-2.430	-1.991
-0.519	0.698	-0.501	0.573
-0.511	-0.520	-1.747	-0.402
2.410	0.931	1.753	1.266
0.276	0.129	0.030	0.309
0.497	0.018	0.879	0.219
-1.242	-0.847	-1.550	-0.966
-0.460	-0.278	0.793	0.018
0.407	0.308	0.161	-0.399
0.501	0.071	-1.037	0.156
-0.021	0.312	0.410	0.433
0.372	-0.614	-1.238	-0.544
1.650	0.543	1.211	0.313
-2.491	-1.268	-1.644	-1.930
1.105	0.861	1.375	1.008
0.359	-0.154	-0.110	-0.145
-0.486	-0.540	-2.279	-1.056
1.575	0.741	1.565	0.327
-0.303	0.283	0.074	-0.075
-1.548	-1.150	0.210	-2.302
-3.246	-1.720	-2.734	-2.651
0.383	-0.061	-0.247	0.215
0.512	1.200	0.711	2.234
1.038	0.401	1.065	0.255
-0.291	-0.761	-0.701	-1.862
1.562	0.102	-1.898	0.298
-0.096	-0.373	-1.430	-0.680
1.215	0.650	2.166	1.466
3.162	1.977	3.534	2.601
-0.858	-0.306	-0.840	-0.584
0.746	0.875	1.457	0.327
1.013	-0.047	-0.443	-0.349
-0.273	0.035	0.400	0.222
-1.764	-0.252	0.113	0.064
-3.198	-1.256	-2.393	-1.602
-0.426	-0.804	-0.641	-1.405
-2.484	0.537	1.027	1.139

2.174	0.941	0.706	0.922
-1.379	-0.508	-1.066	-0.770
0.875	0.473	0.466	0.356
0.429	0.024	-0.729	-1.387
0.927	-1.204	-1.956	-1.705
-1.701	-0.478	0.445	-0.666
-4.356	-2.028	-3.684	-3.560
-3.207	-0.817	-1.830	-1.001
3.825	2.623	2.342	3.715
1.225	1.366	2.282	1.870
-1.034	-0.208	-0.054	0.072
0.034	-0.214	-0.038	-0.270
2.506	1.401	2.118	2.063
0.120	0.123	0.407	0.206
1.051	0.753	2.858	1.382
-0.475	0.823	0.548	1.020
-2.799	-0.631	-1.497	-0.611
1.536	1.693	0.842	1.906
-2.666	-1.137	-0.986	-1.448
-1.189	-1.045	-0.656	-1.854
-0.985	-0.779	-1.128	-1.087
-0.681	-0.336	-0.775	-0.336
1.586	1.394	1.326	1.851
-1.911	-0.064	-0.589	-0.287
-0.326	0.023	-0.923	0.641
-3.079	-2.260	-2.987	-2.778
0.216	-0.024	-0.010	-0.430
-1.597	-2.411	-2.076	-3.015
0.012	-0.055	0.964	0.537
2.468	1.153	2.944	1.747
0.522	0.913	1.350	1.221
-1.791	-0.913	-2.338	-1.274
-1.444	0.006	-0.252	0.763
-2.062	-0.836	-0.853	-1.794
-0.814	-0.366	0.338	-0.986
2.582	0.317	1.284	1.162
-0.331	-0.055	0.115	-0.415
0.650	0.504	-0.865	1.089
0.073	-0.303	0.622	-0.778
0.159	-0.158	-0.148	-1.279
3.650	1.660	2.141	2.946
2.713	0.585	-0.173	0.604
0.411	0.641	0.309	0.407
0.873	0.690	0.141	1.061
1.524	1.747	1.046	1.889
1.106	1.450	-0.019	2.049
1.039	0.528	1.651	0.743

-0.831	0.711	-0.355	0.463
0.656	0.934	1.077	1.776
0.250	0.450	0.741	0.708
-2.210	-0.840	-2.189	-0.925
0.444	-0.162	-0.416	-0.134
-0.299	0.408	-0.204	0.561
-0.345	-0.050	-0.031	-0.560
-1.335	-0.582	-1.634	-1.244
-0.328	0.034	-0.778	0.005
-1.220	-1.066	-1.040	-1.499
-1.235	0.164	-1.236	0.682
0.463	-0.448	0.857	-1.475
0.576	0.425	0.693	-0.081
1.517	0.918	1.972	0.846
-1.195	1.138	0.075	1.042
0.810	0.432	0.879	1.072
-2.066	0.364	-0.807	-0.426
0.763	-0.336	-1.685	-0.478
3.339	1.049	1.754	1.728
-2.331	-0.432	-1.272	0.036
0.421	0.400	1.059	0.358
-0.832	-0.696	-1.170	-0.966
-0.023	0.033	0.073	-0.311
-1.302	-1.178	-1.253	-1.247
-1.190	-1.159	-1.637	-1.536
-0.695	-0.842	-0.251	-1.019
-1.093	-0.581	-0.870	-0.358
-1.432	-1.166	-1.693	-1.043
-4.663	-2.540	-5.620	-3.421
2.359	0.201	2.464	1.823
3.245	0.566	2.820	-0.463
2.758	0.258	2.880	-0.238
-0.327	-1.323	-0.236	-1.235
-1.451	-0.866	-1.337	-1.280
1.334	0.275	1.232	1.214
0.655	1.260	1.003	2.272
-0.643	0.618	0.486	0.980
-1.691	-1.288	-1.966	-1.694
-1.684	0.077	-1.495	-1.098
-0.645	-0.411	-0.705	-1.226
0.572	-0.586	0.030	-0.829
-1.221	-0.481	-0.098	-1.252
0.954	1.692	1.177	2.288
2.725	0.172	1.709	0.090
-1.612	-1.005	-1.213	-1.302
1.232	1.194	0.543	1.891
0.297	0.853	0.769	1.057

1.448	1.430	1.627	1.488
-0.058	0.581	0.437	0.750
-0.375	-0.408	-0.682	-0.611
-0.141	0.167	-0.162	0.199
0.023	0.236	0.374	0.590
0.282	0.652	-0.019	0.860
-0.199	0.006	0.895	0.163
1.086	0.795	0.456	1.373
1.852	0.136	1.846	-0.272
-1.424	-1.359	-0.941	-2.140
0.035	0.565	-0.016	0.595
-0.116	0.148	-0.155	0.200
2.852	1.820	1.585	2.428
3.013	3.203	3.423	3.439
-0.910	-0.450	-0.144	-0.563
-1.208	-0.698	-0.606	-1.214
-2.129	-0.725	-1.921	-0.153
3.006	0.725	1.560	0.930
2.509	1.407	2.260	1.673
-0.833	-2.120	-0.628	-3.220
-4.636	-2.974	-4.393	-3.947
1.413	-0.125	0.526	0.391
2.482	0.397	1.925	0.426
-2.977	-1.879	-1.999	-2.358
-2.767	-0.393	-1.506	-0.717
3.262	2.369	3.459	2.727
0.960	2.109	1.955	2.786
-0.647	-0.039	-1.039	0.088
0.268	-0.600	0.602	-1.392
-0.290	-0.151	-1.326	-0.079
0.391	0.518	0.173	1.003
1.515	0.642	1.862	0.246
0.722	1.032	0.993	1.449
1.836	0.756	1.615	0.716
0.214	-0.315	-0.276	0.007
1.051	-0.923	-0.195	-0.985
-1.716	-0.511	0.076	-0.757
2.243	1.167	1.642	1.763
2.008	0.457	0.706	0.891
-1.025	-1.047	-1.396	-1.253
1.179	-0.837	-0.707	-0.804
-1.190	-0.188	-0.320	0.150
-0.250	-2.649	-3.333	-1.406
0.063	2.682	2.000	2.689
3.484	1.402	0.677	2.433
2.663	1.436	2.788	1.777
-0.758	-0.253	-0.547	0.039

0.010	0.339	1.699	0.233
-1.976	-2.455	-4.505	-2.498
-1.135	-2.234	-1.781	-0.794
-0.973	1.004	-0.211	1.671
-0.733	1.302	2.169	0.878
1.380	1.166	1.866	1.735
-1.421	-0.087	0.511	-0.704
-2.648	-3.120	-2.220	-3.998
-0.845	-0.807	-1.470	-0.957
1.619	2.876	4.724	2.698
3.499	2.485	1.706	3.122
-1.170	0.252	-0.593	0.747
0.464	0.476	0.679	0.950
-0.195	-0.027	0.805	-0.306
0.841	0.123	0.003	0.688
1.821	0.727	1.482	1.046
-2.600	-0.440	-1.147	-0.665
-3.380	-1.132	-0.741	-1.584
0.848	1.111	2.030	1.185
3.168	1.272	1.272	1.827
-1.110	-0.679	-1.139	-0.667
-0.031	1.165	0.305	1.628
-0.207	0.847	0.016	0.889
-0.801	-2.071	-1.443	-2.306
-1.664	-1.212	-0.708	-1.574
-0.832	-0.687	-1.395	-0.360
3.577	0.649	1.653	1.115
0.031	-0.612	0.348	-0.414
-0.114	0.188	-0.221	0.412
-0.852	0.525	-1.947	0.963
-1.461	-0.563	-1.558	-0.353
-0.180	0.375	-0.290	0.061
-1.270	-1.277	-1.307	-1.141
0.011	-0.915	-1.089	-0.923
-3.208	-1.823	-2.313	-2.640
-3.739	-3.234	-2.208	-4.136
-3.993	-2.341	-3.360	-3.062
0.323	-1.037	0.594	-1.506
-0.707	0.238	-0.801	0.486
0.981	1.392	0.576	1.394
2.760	0.811	2.029	0.850
-1.060	-1.540	-1.318	-1.985
0.828	0.665	0.088	0.936
-2.374	-0.164	-1.599	-0.099
-2.018	-1.425	-1.964	-1.281
-2.868	-2.040	-2.290	-2.747
-3.197	-4.431	-3.525	-6.017

-0.336	-0.235	1.138	-0.093
1.998	1.624	2.033	1.299
-3.051	-2.205	-0.868	-2.770
3.216	1.834	1.642	2.990
0.025	0.858	0.352	1.314
1.382	2.318	1.535	2.913
-1.446	-1.554	-0.769	-1.681
-0.470	0.991	-0.626	1.025
0.076	-0.086	-0.046	0.186
2.993	1.068	2.351	1.905
-0.867	-1.338	-1.560	-1.064
-1.202	-0.642	-1.728	0.036
2.782	1.474	2.945	1.374
1.411	1.236	2.646	1.687
0.854	0.762	2.390	0.822
-1.703	-0.714	-1.871	-0.648
1.727	1.908	0.138	1.989
-1.520	-0.296	-0.198	-0.253
0.158	0.390	0.380	0.164
-1.013	-0.836	-1.476	-0.784
-0.998	-0.071	-0.054	-0.185
-2.406	-2.173	-1.687	-2.618
-3.040	-1.545	-3.810	-1.899
-3.961	-4.546	-3.996	-5.616
-1.136	-1.243	-0.084	-1.366
2.876	0.744	2.846	0.634
-0.268	-1.493	-0.194	-1.557
-1.011	-1.536	-1.691	-1.388
1.865	1.450	3.246	1.711
-2.109	-2.894	-1.986	-3.223
-1.133	-2.596	-0.635	-3.049
1.323	2.902	2.305	3.418
0.217	2.119	1.715	1.992
-0.230	-1.094	-1.544	-0.644
-1.791	-1.630	-2.105	-2.785
-1.908	-2.262	-2.801	-2.818
-2.118	-0.147	-0.829	-0.461
-0.982	-2.018	-0.621	-1.679
0.881	-0.514	-0.668	-0.981
1.300	4.243	3.346	4.179
1.856	-0.938	-0.024	-0.423
-3.099	-2.591	-2.732	-2.927
-1.404	-0.836	0.140	-1.381
-0.614	-0.072	-1.376	-0.033
-5.114	-3.098	-4.376	-3.663
1.044	1.265	2.208	1.705
2.608	2.212	2.327	3.153

-0.209	1.469	0.772	1.549
-0.553	-0.395	-0.559	-0.292
0.075	0.459	0.993	-0.008
3.272	0.302	1.742	0.242
-1.255	-0.690	-1.079	-0.264
0.775	0.402	0.656	0.338
0.451	1.037	0.148	1.583
1.454	1.857	1.731	2.085
0.726	1.372	-0.933	2.232
0.552	0.128	1.169	-0.017
-1.264	-1.487	-2.090	-1.435
-1.861	-0.349	-0.496	-0.661
0.841	1.065	0.813	0.556
1.120	1.188	1.089	1.526
3.493	2.118	2.659	2.354
-0.262	-0.079	-0.282	0.078
2.404	2.307	3.008	2.495
1.301	1.010	1.626	1.007
-1.463	-0.229	-0.508	-0.201
-1.911	-1.749	-1.165	-2.000
1.328	0.627	1.021	0.466
-2.047	-1.500	-2.057	-1.936
-0.668	-0.052	-1.100	0.199
-3.324	-2.399	-3.871	-2.673
-0.304	-1.025	-0.179	-1.148
1.638	1.506	0.738	2.083
0.327	0.293	-0.021	0.547
1.550	2.114	1.910	2.321
0.154	-1.160	-0.089	-1.001
-1.946	-1.441	-1.403	-1.581
-2.743	-2.539	-2.924	-2.659
-0.617	-1.256	-1.804	-1.042
-3.461	-3.924	-2.510	-4.787
2.751	2.158	2.342	2.041
0.842	0.529	0.058	-0.018
-1.079	-0.897	-1.779	-1.076
0.223	1.094	-0.171	1.686
2.287	2.803	2.759	3.537
2.094	2.127	2.312	2.444
-3.188	-2.894	-3.908	-3.112
0.015	-0.642	-0.722	-0.563
-1.372	-1.233	-0.743	-1.037
-1.754	-2.117	-2.323	-2.699
-0.561	-0.445	-0.747	-0.786
-0.030	-0.295	0.226	-0.732
-1.147	-0.716	-0.716	-0.753
-0.216	-1.367	-0.402	-1.670

-5.287	-4.525	-4.148	-5.910
-0.489	-2.212	-0.360	-2.890
1.395	0.479	1.641	1.281
-0.355	1.122	-0.304	1.852
0.516	-0.708	-1.842	-0.366
1.135	1.341	1.030	1.274
0.981	1.574	1.147	2.432
5.036	3.053	4.057	3.639
-1.996	-0.908	-2.251	-1.200
0.564	0.222	0.598	0.171
-1.346	-1.447	-1.069	-1.898
-2.132	-1.873	-1.563	-2.399
0.518	-0.414	0.200	-0.796
-1.101	-0.609	-1.516	-0.653
-1.386	-0.178	-0.797	0.307
-0.241	-0.903	0.627	-0.981
3.274	2.287	3.896	2.231
-0.828	-0.084	-0.368	-0.060
-2.173	-0.706	-1.440	-0.467
0.560	1.087	0.397	1.573
-0.160	1.241	-0.791	1.702
-0.850	-1.990	-2.538	-1.476
1.121	2.501	2.717	2.349
3.321	2.608	3.525	3.145
0.676	-0.724	1.029	-0.274
-1.527	-1.696	-1.793	-1.793
-1.676	-0.735	-1.397	-0.456
1.318	2.291	1.110	2.889
1.101	-1.228	0.523	-1.494
-3.676	-1.531	-2.751	-1.782
6.339	5.708	6.166	6.860
2.022	1.889	2.413	1.760
-0.472	1.212	-0.603	1.930
1.191	-0.465	0.487	-1.904
3.150	3.519	3.441	4.943
1.154	2.775	1.786	3.527
-0.660	-0.530	-0.337	-1.036
0.604	0.249	-0.087	0.259
-0.900	-0.723	0.351	-1.814
-1.180	-1.402	-1.625	-2.390
1.391	0.500	1.615	0.318
-1.391	-1.010	-1.130	-0.967
1.109	1.773	0.981	2.210
2.706	1.234	2.252	1.529
-0.483	0.209	-0.446	0.225
-0.097	-1.041	0.055	-1.726
0.042	0.884	-0.164	0.992

1.864	2.136	2.098	2.459
-2.017	-0.628	-6.192	-0.582
-0.779	0.212	-0.011	0.316
1.442	0.128	1.955	-0.870
0.289	-1.386	0.282	-2.091
1.296	0.492	0.776	-0.167
0.514	0.548	0.259	0.545
-0.690	-0.251	-1.177	-0.286
-1.905	-1.283	-1.824	-1.570
3.440	2.697	3.352	2.822
-2.463	0.266	-1.028	-0.211
-2.736	-4.568	-3.377	-5.952
-1.447	-0.572	-1.430	-0.574
2.553	0.889	3.600	1.621
-0.405	-1.693	-0.313	-1.738
2.076	2.842	1.768	3.687
-0.936	-0.985	-0.593	-1.510
1.387	0.991	1.611	1.248
-1.387	-0.307	-1.695	-0.072
1.387	0.026	1.115	-0.179
0.395	0.900	0.799	1.361
-2.127	-1.090	-1.635	-1.152
2.032	0.895	2.211	0.410
-0.014	1.254	0.805	2.031
-0.833	-0.968	-1.712	-0.569
1.874	1.685	1.584	2.553
2.812	2.444	3.675	2.516
-0.393	-0.480	-0.944	0.311
0.315	-0.213	0.693	0.561
1.107	1.573	1.369	1.839
1.197	1.810	1.309	2.032
-3.568	-1.791	-2.943	-2.138
0.582	0.603	1.124	0.829
-2.644	-1.314	-2.473	-1.530
0.014	1.321	0.815	1.520
0.862	0.690	1.010	0.587
-0.930	0.571	-0.326	0.297
-0.380	0.266	-0.477	-0.038
-0.942	0.181	0.386	0.486
-0.371	-0.495	0.160	-0.724
-0.483	-1.298	-1.435	-1.563
-1.183	-0.609	-1.305	-0.227
1.722	0.909	2.371	0.556
2.192	-0.355	1.378	-0.543
-1.903	-2.084	-2.074	-2.768
-2.586	-2.366	-2.489	-3.288
0.911	1.548	0.256	1.568

-1.179	0.057	-0.975	-0.094
-0.638	0.196	0.272	-0.627
-2.402	-1.294	-2.342	-1.411
1.746	-0.032	1.520	0.325
-1.006	-0.096	-0.535	0.413
-2.710	-0.841	-1.612	-0.999
-0.119	-0.433	-0.150	-0.568
-0.447	-0.780	-0.382	-1.264
-2.113	-1.678	-1.988	-1.253
-1.630	-0.867	-0.190	-1.269
1.079	0.167	0.816	-0.029
-2.123	-1.278	-3.046	-1.393
0.219	1.785	0.622	2.302
0.063	0.702	0.702	0.610
1.842	2.098	2.399	2.310
-0.909	-1.132	-1.555	-0.545
1.001	1.022	0.427	1.566
-0.676	-0.702	0.247	-0.689
-2.152	-2.937	-2.056	-3.530
0.268	-1.012	-0.934	-0.960
-0.757	-1.263	-0.446	-1.897
2.332	-0.599	0.908	-0.546
1.596	-0.187	-0.297	0.657
-2.170	0.256	-1.201	0.422
-2.649	-4.188	-3.425	-4.576
-0.561	0.553	0.111	0.856
0.768	0.136	-0.235	0.676
0.921	1.947	0.373	2.179
-0.190	0.133	-0.238	0.098
1.649	1.121	2.675	0.551
1.438	1.628	2.722	1.304
-1.080	-0.807	-1.413	-0.599
0.093	0.746	-0.444	0.915
2.041	1.811	2.493	2.419
0.379	1.013	0.714	1.082
1.353	1.650	1.208	1.951
-0.915	0.026	-0.302	0.315
0.391	1.725	0.487	1.760
1.563	0.313	0.935	0.435
-1.159	-0.763	-1.532	-0.663
-0.705	-0.957	-0.737	-0.954
-1.272	-0.796	-1.502	-0.815
2.007	1.579	1.214	1.875
0.030	-0.084	-0.267	0.143
2.784	3.237	2.550	2.954
-1.169	-0.488	-0.409	-0.679
-0.901	-0.636	-1.020	-0.823

3.426	0.202	1.221	0.817
-1.255	-1.461	-0.719	-1.821
1.140	-0.507	1.026	-0.837
-1.474	-1.614	-1.439	-1.964
0.247	-0.380	-0.315	-0.372
-1.655	-1.527	-1.792	-1.916
0.074	0.386	0.828	0.503
0.427	0.892	0.620	0.809
0.571	0.131	0.545	-0.014
-0.190	0.177	-0.172	0.241
-1.668	-1.406	-2.043	-1.571
1.960	0.438	1.462	0.623
0.437	0.020	-1.188	0.281
-0.481	1.777	0.269	2.418
1.406	0.829	0.926	0.660
-3.352	-1.795	-2.811	-1.856
-1.757	-0.923	-2.133	-1.223
-3.437	-3.368	-3.350	-4.013
0.016	0.034	-0.012	-0.084
0.874	1.610	1.595	1.854
-0.764	-0.771	-0.293	-1.380
-0.976	-0.170	-1.134	-0.560
-2.061	-1.487	-1.849	-1.033
0.338	0.262	0.219	0.326
0.801	0.693	1.454	0.551
-0.833	-0.941	-0.782	-0.984
-0.290	-1.146	-0.629	-1.639
-2.154	-2.282	-2.874	-2.618
-0.231	0.868	0.143	0.787
-0.997	-1.377	-2.356	-1.896
0.732	-0.844	-0.054	-0.778
1.758	2.468	2.426	2.949
0.924	2.588	1.990	3.176
0.724	-0.096	1.448	-0.083
-0.837	0.762	0.326	0.914
2.031	0.539	2.140	0.671
0.111	0.820	1.237	0.673
0.678	0.585	1.582	0.579
-0.725	-0.822	-0.389	-0.618
1.896	1.203	1.685	1.461
1.907	0.726	1.921	0.408
-0.780	1.082	0.660	0.710
0.917	0.784	0.952	0.814
-3.813	-1.694	-2.725	-2.111
-2.188	-0.664	-1.504	-0.602
-1.710	-1.451	-1.455	-1.962
-1.606	-1.396	-2.596	-1.929

-0.084	0.342	0.344	0.422
-0.704	0.457	1.336	0.254
-1.355	-0.635	-0.587	-0.790
-0.154	0.000	-0.468	0.283
0.102	1.069	0.991	1.281
1.406	0.372	0.788	0.826
-0.523	0.115	-0.568	0.158
-3.863	-2.998	-3.867	-3.210
1.795	1.544	1.962	1.791
-0.381	0.621	-0.454	0.703
2.449	1.485	2.397	1.774
3.996	3.210	4.389	3.429
1.740	1.966	2.270	2.145
0.128	-0.497	-0.156	-0.702
0.048	-0.532	0.064	-0.804
1.864	1.195	1.503	1.357
-1.054	0.190	-0.675	0.332
-0.412	-0.744	-0.668	-0.639
-0.494	-0.666	-0.299	-0.851
0.668	0.468	1.277	0.586
1.401	1.606	1.725	1.931
-0.156	0.189	-0.197	0.480
0.235	-0.107	0.834	-0.476
1.149	0.370	1.336	0.199
-0.480	1.091	-0.370	1.260
-3.441	-1.745	-2.946	-1.804
-3.680	-3.284	-4.698	-3.681
-1.426	-0.313	-0.807	-0.245
0.925	0.788	2.191	0.908
-1.383	-0.742	-1.612	-0.810
-1.799	-1.475	-1.601	-1.675
-0.121	0.099	-0.015	0.209
2.208	0.891	2.826	1.136
-1.553	-0.322	-1.815	-0.096
-2.967	-1.822	-2.283	-1.943
-0.622	-1.856	-0.897	-2.452
-0.841	-0.782	-0.226	-0.921
-0.939	-0.387	-1.047	-0.464
-1.278	-0.701	-1.226	-0.726
-0.092	0.694	0.772	0.820
0.915	0.352	0.705	0.463
3.245	1.478	2.954	1.587
-0.495	-0.860	-0.582	-1.069
-0.373	-0.826	-0.571	-0.663
1.642	2.058	1.937	1.973
-0.421	1.097	0.193	1.390
0.456	0.361	0.096	0.149

-3.382	-0.770	-3.105	-1.063
0.307	0.757	0.709	1.164
-3.153	-2.021	-2.510	-2.292
-0.149	0.048	-0.480	-0.225
-0.430	-1.156	-1.078	-1.434
0.951	0.089	1.406	0.123
1.236	1.026	1.451	1.158
-0.441	-0.191	-0.427	-0.063
0.624	-0.458	-0.332	-0.594
1.164	1.070	-0.295	1.504
1.097	0.250	-1.023	0.510
-0.448	-0.318	-0.429	-0.578
0.412	-0.558	0.448	-0.730
2.369	0.693	2.827	0.669
-2.638	-2.344	-2.843	-2.640
0.448	0.670	0.980	0.661
-0.358	-0.034	-0.452	0.133
-1.136	-1.115	-1.799	-1.146
-2.645	-1.058	-1.384	-0.641
0.260	0.457	0.538	0.483
0.685	1.004	0.770	1.232
-3.815	-2.993	-3.566	-3.565
-1.583	-1.295	-1.185	-2.003
-0.742	-1.151	-0.590	-1.732
0.255	0.592	-0.038	0.270
1.283	1.173	1.350	1.258
1.666	0.817	0.124	1.456
4.910	2.378	4.952	2.380
1.667	0.958	1.863	1.274
0.195	-1.342	-1.353	-1.869
1.322	0.210	-0.542	-0.041
1.132	1.021	1.108	1.100
0.156	0.476	0.082	0.065
-2.503	-0.989	-2.884	-0.924
-1.933	-1.111	-1.346	-0.941
1.933	-0.444	0.057	-0.599
-1.356	-0.680	0.065	-0.926
-1.266	0.135	-0.422	0.587
-0.566	-0.784	-0.661	-1.129
0.911	-0.394	0.160	-0.578
0.199	0.637	0.110	0.621
0.667	-1.822	0.570	-2.168
-1.449	-2.063	-0.098	-2.358
-0.183	-0.022	0.677	0.467
1.649	2.513	3.469	3.131
3.376	3.204	3.571	3.387
1.055	-0.126	0.117	-1.098

-3.109	-1.784	-2.961	-2.550
1.129	-0.093	0.871	-1.146
-1.200	0.456	-0.922	0.222
-3.046	-1.781	-1.889	-1.942
0.165	-0.392	0.118	-0.127
3.395	2.726	4.187	3.595
1.176	2.052	3.040	1.919
-0.525	-1.214	-2.523	-1.912
-0.493	0.497	-0.354	0.931
-0.106	0.682	0.245	0.204
-0.780	0.062	-0.730	-0.121
-0.053	-0.696	-1.522	-1.079
0.798	1.331	1.636	1.239
1.281	0.454	0.303	-0.090
1.643	1.043	0.745	1.559
0.479	-0.041	0.079	-0.078
-1.600	-0.143	-1.709	-0.201
1.292	1.182	1.216	1.501
-1.570	-0.688	-0.427	-0.491
-1.631	-1.774	-1.559	-2.284
0.617	-0.462	0.880	-0.169
-0.281	-0.492	-0.964	-0.755
-0.247	-0.132	-0.795	-0.080
-0.905	-1.261	-0.486	-1.527
-0.715	-1.091	-1.010	-1.353
-0.612	1.541	0.055	1.595
9.454	4.339	8.025	5.523
-0.033	-0.195	0.047	-0.072
-1.892	-0.540	-3.612	-0.723
2.498	1.671	2.294	2.331
0.294	-0.695	0.627	-0.457
0.455	0.361	0.317	0.754
-0.520	-0.643	-2.414	-0.358
-0.703	-0.182	-0.798	0.158
3.310	2.086	4.617	2.139
-2.086	-0.688	-1.039	-1.035
0.356	-0.080	1.619	-0.089
-2.769	-0.319	-2.908	-1.195
-3.602	-0.401	-2.908	-0.950
-0.605	-0.114	0.129	-0.502
0.691	0.000	0.558	0.215
-0.656	-0.047	-0.162	-0.154
-0.748	-0.740	-0.646	-0.824
0.279	0.088	-0.494	0.405
0.156	0.148	0.478	-0.015
1.722	1.551	1.197	1.921
-2.472	-1.094	-3.920	-1.943

-1.998	-2.630	-2.727	-2.925
1.225	0.618	1.674	0.761
0.458	0.027	0.138	-0.264
-0.088	-0.631	-1.392	-1.087
1.327	1.605	1.914	1.646
2.382	0.709	2.356	1.259
-0.612	0.208	-0.340	0.300
1.371	0.802	1.976	0.766
-1.439	0.439	-1.651	-0.985
0.510	0.786	0.206	0.177
0.760	-0.587	1.441	-0.199
0.805	-0.232	0.277	-0.341
-2.640	-0.666	-1.741	-0.724
-1.852	-2.879	-1.312	-2.744
0.922	0.855	1.840	1.455
-0.712	0.197	-0.513	-0.178
-1.847	0.265	-1.424	-0.435
-1.737	-0.763	-0.706	-1.346
0.559	1.108	0.640	1.123
-1.484	-2.456	-1.763	-2.594
0.200	0.256	0.436	0.154
1.821	1.161	0.606	1.792
0.641	0.728	0.958	0.706
-0.267	-0.954	-0.981	-1.099
-1.200	-0.068	0.307	-0.446
-0.778	-0.041	-0.198	-0.514
-0.273	-0.034	-1.324	-0.133
-0.951	-2.162	-0.637	-0.931
0.751	0.997	0.755	1.129
-1.563	-0.990	-2.267	-0.729
1.599	0.691	1.086	1.167
0.018	1.052	0.774	1.417
0.944	1.286	0.359	1.041
1.274	-0.190	-0.201	-0.687
1.469	-3.937	2.634	1.941
1.171	0.466	0.042	0.398
0.520	0.674	0.269	0.698
0.104	0.788	0.257	-0.654
-1.548	-0.508	-0.571	-0.411
2.322	2.080	1.542	2.292
-2.217	-0.507	-2.093	-0.558
-2.285	0.651	-1.097	0.206
-2.357	-0.878	-1.986	-0.977
-0.773	-0.663	-0.320	-0.218
2.717	1.179	1.718	1.538
0.018	0.219	-0.224	0.796
2.083	-0.638	0.213	-0.655

0.457	0.686	0.377	1.035
-0.404	-0.651	0.016	-0.551
0.035	1.373	1.025	1.256
0.806	1.040	0.387	1.481
-0.140	0.288	-0.201	0.053
1.802	0.687	0.932	1.130
-0.172	1.019	-0.296	1.065
2.799	1.503	2.342	1.870
-1.347	-0.299	-0.959	-0.513
1.481	1.022	1.034	1.434
2.067	1.590	1.357	1.698
-1.301	-0.661	-1.636	-0.881
0.314	-0.134	-0.294	-0.166
1.704	-0.840	-1.250	-0.273
-2.601	-1.055	-1.670	-1.529
-2.328	-1.126	-1.932	-1.877
0.799	-0.376	-0.592	0.219
-0.424	0.816	-0.032	0.498
-0.068	-0.217	0.052	-0.411
-2.272	-0.494	0.239	-0.909
-1.279	-0.192	0.694	0.063
0.088	0.073	0.032	0.235
-0.070	0.882	-0.004	0.798
1.903	3.159	3.056	2.942
2.544	1.199	2.493	1.829
-3.239	-2.992	-1.415	-3.036
0.953	0.329	1.126	0.344
-0.571	0.514	0.153	0.480
0.915	2.149	1.097	2.352
1.383	0.812	0.895	1.102
-0.289	1.494	0.040	1.546
-0.614	-0.825	-0.566	-0.616
1.275	0.953	1.063	0.823
2.073	0.744	1.319	1.002
0.922	0.188	1.263	0.099
-0.889	1.169	-0.936	0.954
1.640	0.054	1.640	0.357
-0.147	0.239	0.892	0.405
0.908	1.553	-0.052	1.586
0.996	1.176	0.461	1.441
0.271	0.412	0.815	0.365
-1.753	-3.309	-1.472	-3.440
-2.680	-2.356	-2.187	-2.565
0.896	0.739	0.554	0.774
0.297	1.731	-0.068	1.678
-0.595	-1.488	-0.669	-1.576
-2.618	-0.542	-3.631	-0.498

-1.958	-0.355	-1.925	-0.340
1.087	0.391	3.385	0.406
-2.677	-2.827	-2.084	-3.008
-0.814	0.232	-2.017	0.158
0.972	0.736	0.138	0.815
-0.494	-1.660	0.252	-1.756
-0.443	0.567	0.129	0.922
-0.445	-1.067	0.527	-1.460
2.153	0.954	2.772	1.114
-2.833	-1.578	-0.468	-1.699
-0.468	0.236	1.686	0.232
0.647	-0.300	0.764	-0.394
3.678	2.182	5.588	2.541
2.525	1.045	0.633	1.174
0.236	-0.789	0.342	-0.755
0.101	0.820	-1.077	0.848
-0.877	-0.453	-1.161	-0.947
-0.646	0.589	-0.951	0.434
-0.770	-0.614	-1.848	-0.581
1.179	0.335	2.716	0.162
-0.442	-0.298	0.442	-0.227
-1.998	-0.505	-3.009	-0.434
3.958	2.882	3.359	3.434
1.823	0.653	0.616	0.168
-0.214	0.006	0.879	-0.182
-0.429	0.066	-0.512	0.106
0.462	0.936	-0.330	1.312
1.015	1.921	1.656	2.415
0.098	1.303	0.565	1.379
-0.375	-1.040	-0.676	-1.060
1.169	-0.416	-0.208	-0.401
-1.545	-1.156	-2.141	-1.535
0.507	-1.152	0.507	-1.502
-1.165	-0.620	-1.086	-0.808
-0.083	0.211	0.641	0.082
0.264	-0.708	-0.106	-1.094
1.423	-0.158	0.439	-0.251
-0.979	-0.787	-0.024	-1.511
0.572	0.702	0.757	0.773
-1.082	-0.531	-1.451	-0.913
0.804	0.165	1.420	0.095
3.534	2.318	2.920	2.824
-1.591	-1.867	-0.789	-2.183
-1.649	-2.399	-2.261	-3.484
-3.247	-2.656	-2.963	-2.872
0.084	-1.345	0.021	-1.974
1.088	0.311	1.954	0.684

-0.987	0.541	0.353	0.416
0.319	0.583	0.342	0.648
-0.892	1.307	0.164	1.470
0.708	0.403	0.939	0.693
1.582	0.838	1.511	0.777
0.429	1.869	1.311	1.944
1.470	1.203	1.763	1.510
2.229	1.576	1.897	1.799
0.332	0.018	-0.826	-0.278
-0.937	0.734	0.201	0.945
-1.786	-0.841	-1.336	-1.342
0.793	1.559	2.328	1.872
-0.760	0.782	0.161	1.185
0.292	-0.204	0.355	-0.373
-1.320	-1.455	-0.869	-1.770
0.507	0.159	0.690	0.265
-1.795	-0.177	-0.763	-0.229
-2.268	-4.225	-3.475	-5.733
0.221	-0.637	0.790	-1.154
0.743	0.674	0.919	0.717
-1.253	-1.403	-1.134	-1.820
-0.890	-0.332	-0.598	-0.476
0.275	1.048	0.455	1.553
-1.156	0.167	-1.317	0.568
2.111	3.153	1.536	4.178
2.880	1.448	1.152	1.873
1.067	0.242	0.475	0.484
1.411	0.858	1.611	1.121
-0.048	-0.100	0.230	-0.342
1.471	2.322	1.727	2.511
0.428	0.120	0.219	-0.240
2.698	0.848	2.666	1.315
-0.139	1.223	-0.150	1.832
1.498	0.703	1.815	0.425
0.876	1.769	1.250	2.050
0.390	0.033	0.619	0.062
-2.120	-2.164	-2.121	-2.220
0.534	0.368	-0.657	0.410
-0.244	-0.234	0.280	0.093
-1.182	-0.997	-1.443	-1.187
0.708	0.326	0.325	0.435
-0.600	-1.106	0.246	-1.324
-1.445	-1.942	-1.699	-1.920
-0.235	-0.388	-0.916	-0.654
0.563	0.758	0.837	1.184
1.163	1.220	1.737	1.362
-0.572	-0.365	-0.526	-0.240

-0.872	-0.630	-0.760	-0.691
1.043	0.676	0.249	0.905
1.139	0.643	-0.203	0.950
1.775	1.755	1.749	1.891
0.674	0.067	-0.434	0.137
0.596	0.289	0.225	0.299
-2.511	-1.658	-2.452	-1.903
2.020	0.541	1.509	0.634
0.357	-0.022	0.395	0.083
0.386	-1.324	0.339	-1.912
0.104	-0.434	-0.306	-0.256
-1.251	-0.620	-0.473	-0.812
-2.334	-1.198	-1.442	-1.450
1.280	0.835	1.575	0.593
0.000	-0.237	0.409	-0.338
1.518	0.997	1.301	1.066
-3.197	-1.956	-2.793	-2.474
2.599	2.060	2.336	2.369
-1.801	-1.879	-2.168	-2.125
-3.782	-2.350	-2.862	-3.705
-1.213	-2.058	-1.334	-2.573
-0.660	-1.221	-0.678	-1.579
-0.535	-0.501	-0.362	-0.682
0.146	-0.354	-0.202	-0.547
2.452	1.771	2.039	2.746
0.694	0.980	0.063	1.054
0.236	-0.042	0.496	-0.158
0.735	0.977	1.065	1.492
-0.093	-0.114	-0.662	0.420
-1.872	-0.960	-0.978	-1.147
0.127	-0.328	0.123	-0.620
-0.381	0.431	-0.786	0.347
-0.575	0.194	0.054	0.073
-0.048	-0.789	0.600	-0.877
1.179	0.995	0.525	1.703
0.363	0.361	0.811	0.269
-0.300	1.593	1.131	1.198
-0.412	-0.987	0.301	-1.152
2.433	1.583	2.182	2.005
-0.591	-1.124	-0.940	-0.956
0.854	0.818	0.676	1.403
-0.574	-1.582	-0.530	-2.455
-0.891	-0.601	-0.103	-1.295
0.016	-1.165	0.012	-1.697
-3.351	-1.283	-3.456	-1.321
0.453	-1.050	0.334	-1.789
-2.602	-1.968	-3.151	-2.184

1.301	0.711	0.322	1.442
-1.950	-0.190	-1.221	-0.014
-0.017	-0.222	-0.264	-0.178
-0.804	-0.395	-0.989	-0.471
0.034	0.204	0.600	0.179
-1.252	-1.371	-1.466	-1.449
0.000	0.110	-0.362	-0.008
2.273	2.142	1.060	2.288
0.349	1.254	0.355	0.919
0.546	0.763	0.870	1.034
0.822	-0.558	-1.139	-0.408
-1.169	-1.138	-2.585	-1.626
0.939	-0.511	-1.080	-0.581
-1.337	-1.785	-1.726	-1.823
0.514	1.221	0.968	1.057
2.289	1.395	2.797	1.236
0.113	-0.547	-0.503	-0.853
0.644	0.816	1.714	1.001
0.831	0.735	1.213	1.068
0.127	0.062	-0.285	-0.081
-0.766	-0.155	-1.216	-0.145
1.809	1.222	1.419	1.241
-2.871	-1.989	-2.282	-2.595
0.162	-0.628	0.291	-1.074
2.094	1.636	1.909	1.667
2.175	2.309	1.352	2.665
-0.248	-1.145	-1.136	-1.499