

				8	0.138112	-1.900345	3.145772
				1	-0.682712	-1.421803	3.351305
Supporting Information:				1	-0.296269	-4.111065	1.150827
				8	-0.762168	-4.301253	3.017652
				1	-0.483626	-4.908305	3.709364
Geometry (Atomic Numbers Followed by the				1	-0.338117	-3.400568	3.199706
Cartesian Coordinates in Å) and Energy of Optimized				1	-3.098464	-2.801490	0.503199
Structures from Cluster Models				1	-3.055475	-3.277339	-1.047763
				1	-0.198302	-4.646846	-0.377803
–Ga–OH				1	-0.701777	-3.064933	-2.867651
				1	3.440738	-3.529531	-1.836386
E = -1330.62063846 a.u.				1	2.197029	-4.504242	-2.168773
31	0.352758	3.866067	-1.226345	1	3.185738	-2.094849	1.757909
7	-0.778405	0.904759	-2.420120	1	5.039208	0.967631	0.354713
31	-2.373846	1.983440	-1.725986	1	-1.329298	2.133611	2.871509
7	-1.675880	3.560161	-0.837211	1	-3.841700	1.242650	0.152576
31	-2.243803	3.723850	1.123886	1	-3.671346	-1.731510	-3.491707
7	-3.098958	0.692836	-0.288267	1	-3.772052	-0.120429	-3.474108
7	-1.139913	2.144187	1.867895	1	2.599384	0.178299	-2.384005
31	-1.762804	0.449731	1.181347	1	-2.113871	4.364361	-1.290488
31	3.251473	2.489484	-0.557527	1	1.446388	0.793433	3.503614
7	2.118689	-0.468206	-1.750795	1	-0.343475	1.569674	-3.066995
31	0.620689	0.650231	-0.993317	1	-1.774830	5.094453	1.757197
7	1.236597	2.300458	-0.243513	1	1.313440	3.749460	2.473152
31	0.874146	2.458859	1.693890	1	4.301877	2.182649	3.170301
7	-0.266905	-0.575300	0.341012	1	4.266799	-0.587234	3.051829
7	1.704164	0.780532	2.515367	1	3.836787	3.806471	0.094313
31	1.044156	-0.899147	1.811344	1	0.770045	5.263872	-0.615359
31	3.573077	-0.838155	-0.361844	1	0.493178	3.588102	-2.812843
7	4.031640	0.848927	0.475919	1	3.540545	2.145182	-2.110585
31	3.768251	0.850962	2.506625	1	-3.789847	3.267810	1.213491
7	2.511601	-1.978818	0.996529	1	-3.465963	2.138759	-2.876933
31	-1.294255	-0.677987	-3.444097	1	-1.079564	-0.741593	-5.001071
7	-3.309960	-0.906637	-3.014827	1	2.000158	-2.185339	-4.300885
31	-3.938983	-0.893915	-1.052218	1	-5.484807	-1.138601	-0.932877
7	-2.818774	-2.492384	-0.442129	1	4.718194	-1.746577	-0.998091
31	1.607171	-2.046169	-2.784425	1	2.741493	-5.044598	0.930546
7	-0.388157	-2.194586	-2.436562				
31	-0.834216	-2.197220	-0.507183				
7	0.049241	-3.855504	0.214953				
7	2.431155	-3.622261	-1.715243				
31	2.092012	-3.756778	0.310337				
8	-4.531904	-0.197469	4.277944	31	0.851019	3.818018	-1.166673
1	-3.727681	-0.178542	3.697705	7	-0.706368	1.053691	-2.368769
1	-4.293863	0.243555	5.098112	31	-2.125881	2.327378	-1.625602
8	-3.249125	-3.278113	2.284918	7	-1.195306	3.781953	-0.736340
1	-2.530509	-3.796075	2.696246	31	-1.692756	4.012883	1.233791
1	-4.015640	-3.264536	2.901947	7	-2.976765	1.130002	-0.170814
8	-5.261525	-2.805283	4.056040	7	-0.780456	2.291904	1.943253
1	-6.209362	-2.899670	3.928320	31	-1.615251	0.708247	1.208043
1	-5.095032	-1.850086	4.237803	31	3.557141	2.052850	-0.588017
8	-2.439909	-0.548109	2.636779	7	2.003503	-0.710999	-1.794849
1	-2.698841	-1.467679	2.445589	31	0.695120	0.589709	-0.994563

7	1.538407	2.130591	-0.229778
31	1.261619	2.308388	1.717183
7	-0.324106	-0.519182	0.351630
7	1.851228	0.521028	2.504343
31	0.953037	-1.045458	1.798066
31	3.422107	-1.292368	-0.438167
7	4.123475	0.306339	0.407587
31	3.908444	0.311029	2.445064
7	2.244682	-2.294055	0.932058
31	-1.464152	-0.438471	-3.385662
7	-3.474421	-0.406869	-2.888484
31	-4.044162	-0.340883	-0.903717
7	-3.127277	-2.065411	-0.343783
31	1.249381	-2.193808	-2.826343
7	-0.735446	-2.072082	-2.423618
31	-1.135405	-2.047097	-0.481169
7	-0.454858	-3.816775	0.186172
7	1.885074	-3.877610	-1.797355
31	1.578705	-3.994038	0.235933
8	-4.808413	0.088465	3.908819
1	-3.901906	0.056586	3.522478
1	-4.731848	0.570157	4.737442
8	-3.774619	-3.417317	2.026926
1	-3.022980	-3.767647	2.536733
1	-4.474101	-3.168589	2.666517
8	-5.696053	-2.489086	3.781478
1	-6.640530	-2.523526	3.607159
1	-5.467304	-1.539592	3.897343
8	-2.326655	-0.129144	2.785713
8	-0.073683	-1.944744	3.110182
1	-0.825121	-1.375124	3.347607
1	-0.812119	-4.049326	1.124633
8	-1.236894	-4.241121	2.981189
1	-1.010800	-4.879540	3.663469
1	-0.731539	-3.390240	3.169641
1	-3.411553	-2.401226	0.600301
1	-3.483010	-2.797688	-0.958413
1	-0.822966	-4.552674	-0.415595
1	2.893924	-3.922238	-1.947511
1	1.519759	-4.714177	-2.250399
1	2.912967	-2.513658	1.675624
1	5.135163	0.287286	0.265127
1	-0.940744	2.291815	2.951800
1	-3.624629	1.766827	0.300608
1	-3.952798	-1.174004	-3.358969
1	-3.848613	0.435463	-3.327737
1	2.555171	-0.134189	-2.437199
1	-1.525475	4.642867	-1.177141
1	1.620380	0.559686	3.498401
1	-0.206963	1.658734	-3.027458
1	-1.025490	5.294880	1.873531
1	1.880037	3.519546	2.501328
1	4.624978	1.553630	3.109050

1	4.220279	-1.187005	2.961558
1	4.317615	3.270835	0.074622
1	1.459630	5.135138	-0.537251
1	0.919616	3.557175	-2.759128
1	3.764522	1.701489	-2.150804
1	-3.279558	3.758344	1.366830
1	-3.216801	2.643540	-2.740703
1	-1.306884	-0.500580	-4.949632
1	1.581794	-2.357011	-4.354857
1	-5.604340	-0.344219	-0.747472
1	4.420233	-2.337494	-1.109904
1	2.080322	-5.359316	0.825358

–Ga– CO₃H

E = -1519.27225190 a.u.

6	1.157819	-2.315318	-3.332418
8	2.262553	-3.075881	-3.599189
8	0.580087	-2.702315	-2.231962
31	-0.661572	-1.484784	-1.359633
7	-1.806451	-2.740977	-0.343284
31	-0.895249	-4.077797	0.740178
7	-1.444567	-3.575766	2.658790
31	-1.290932	-1.607511	3.296677
7	0.681260	-1.191656	3.069866
31	1.338439	-1.533072	1.233680
7	1.069227	-3.488346	0.841083
7	0.415924	-0.455837	-0.052515
31	-0.941549	0.746935	0.876833
7	-1.918627	1.867528	-0.324162
31	-1.387548	1.626999	-2.217426
7	-1.658155	-0.365261	-2.552053
31	-3.634519	-0.925058	-2.626206
7	-4.103242	-0.499576	-0.669267
31	-3.288692	-1.689426	0.627624
7	-2.122875	-0.557631	1.873896
7	0.125681	1.775046	2.230376
31	0.946254	0.740048	3.670711
7	2.968459	1.096813	3.434908
31	3.806485	0.815276	1.574961
7	3.304652	-1.162473	1.394521
31	1.396209	3.105079	1.321947
7	2.632115	1.784723	0.359319
31	1.667601	0.738397	-1.065478
8	2.967612	-0.242392	-2.011042
7	0.403018	4.077118	-0.031716
31	1.148657	3.868314	-1.933313
7	0.647867	1.887592	-2.231397
31	-1.655143	3.831042	0.194310
31	-3.925261	1.505953	-0.121250
8	0.818821	-1.407143	-4.066980
8	4.742332	-2.267511	-0.828810

8	6.263439	-1.773097	-3.076945	7	-0.369562	0.474538	-0.038617
8	3.920782	-1.003501	-4.331739	31	-1.219787	1.616679	1.246970
8	3.079505	-4.457757	-1.362797	7	-0.656422	1.153327	3.084708
1	3.492645	-0.570372	-3.532548	31	-1.170711	-0.747570	3.606764
1	3.678055	-0.474774	-5.098522	7	-3.208816	-0.847821	3.271821
1	4.350219	-3.135982	-1.036146	31	-3.944532	-0.428011	1.391372
1	5.424164	-2.097672	-1.513110	7	-3.213934	1.481155	1.282376
1	7.027888	-1.202125	-3.193638	8	-0.209917	2.410382	-4.229463
1	5.568460	-1.438599	-3.681324	8	-1.224812	4.163917	-3.587878
1	3.506837	-0.870807	-1.506453	7	1.683269	0.260193	-2.525676
1	1.538417	-3.740572	-0.037327	31	1.245496	-1.733497	-2.241571
1	3.309764	-5.374514	-1.543488	7	-0.787462	-1.803067	-2.306290
1	2.752978	-4.084331	-2.210786	31	-1.696237	-0.550588	-1.149297
1	3.860951	-1.564102	0.624197	7	-2.838846	-1.503592	0.199849
1	3.653917	-1.633793	2.228190	31	-1.790675	-2.973411	1.177698
1	1.539106	-4.055233	1.545666	7	-0.406446	-1.824423	2.164489
1	1.188586	-1.777198	3.734388	31	0.823591	-0.892009	0.883083
1	-2.435838	-3.807418	2.739190	7	2.110615	0.239538	1.952203
1	-0.983760	-4.185368	3.332900	31	1.344236	1.329581	3.384690
1	-2.319134	-3.237816	-1.077038	7	1.746786	3.285537	2.825776
1	-5.111625	-0.655499	-0.617255	31	1.307907	3.905825	0.913905
1	0.932685	1.660307	-3.185749	7	-0.714886	3.545793	0.954525
1	3.231711	2.399751	-0.198101	7	2.084018	2.504237	-0.199364
1	3.498657	0.589504	4.141731	31	3.420329	1.270213	0.763374
1	3.098317	2.081624	3.671236	7	4.113774	0.059047	-0.585285
1	-2.821597	0.053883	2.307813	31	3.730806	-1.935670	-0.101449
1	0.531016	5.069986	0.173078	7	1.701140	-2.067214	-0.344249
1	-1.249672	-0.542478	-3.472337	31	1.215644	-4.007483	0.124503
1	-0.567714	2.400973	2.651297	7	-0.848082	-4.033464	-0.145204
1	0.400342	4.813336	-2.955942	31	-1.507858	-3.727291	-2.064058
1	-2.065809	2.501678	-3.329804	31	3.730803	0.610249	-2.524053
1	-4.468773	-0.030563	-3.625868	8	-2.693044	0.633741	-2.190124
1	-3.638594	-2.535436	-2.765530	8	-2.441820	5.124058	-1.276382
1	-4.789324	2.370714	-1.124487	8	-4.122902	2.875144	-1.025131
1	-2.390850	4.814998	-0.801074	8	-5.913027	2.472448	-3.018565
1	-1.890015	3.952254	1.790162	8	-4.276073	0.766434	-4.330668
1	-4.256470	1.511695	1.461969	1	-3.621443	0.603414	-3.603206
1	2.760625	3.912746	-1.816572	1	-3.766139	1.088014	-5.080283
1	2.215434	3.902672	2.433206	1	-3.703450	3.741304	-1.174943
1	0.537372	0.974215	5.171490	1	-4.868092	2.790486	-1.665833
1	-1.802331	-1.506611	4.780390	1	-6.810947	2.132047	-2.980134
1	5.357111	1.054808	1.592672	1	-5.401624	1.855254	-3.598394
1	-4.177919	-2.698557	1.481018	1	-3.068368	1.413090	-1.749563
1	-1.046950	-5.616072	0.468258	1	-1.122675	3.904686	0.085020
1	2.854597	-2.531855	-4.166164	1	-2.026604	4.937459	-2.143262
-Ga- CO ₃ ⁻ (doublet)				1	-2.723609	6.043975	-1.310359
E = -1518.60273263 a.u.				1	-3.633683	1.971318	0.473185
				1	-3.566438	1.984504	2.095642
				1	-1.129001	4.125450	1.683217
				1	-1.111373	1.774846	3.754409
6	-0.552681	3.158056	-3.254563	1	2.754617	3.400604	2.942818
8	-0.227970	2.903960	-2.040478	1	1.336364	3.921466	3.508134
31	0.823637	1.421986	-1.273564	1	2.665781	2.962369	-0.906531

1	5.132662	0.105456	-0.520362	7	3.489808	-0.437626	1.309089
1	-1.045725	-1.538902	-3.258932	31	1.623990	-1.171061	1.232970
1	-3.478436	-2.038950	-0.394313	7	0.484087	-0.331351	-0.051617
1	-3.702373	-0.297070	3.972838	31	-0.122387	-4.071704	0.961152
1	-3.466358	-1.814708	3.475561	7	1.697176	-3.156086	0.993170
1	2.725118	-0.455465	2.387080	7	-0.721477	-3.565658	2.891966
1	-1.086775	-5.008971	0.043430	31	-0.899695	-1.572489	3.398274
1	1.365103	0.494215	-3.467469	7	0.956354	-0.829700	3.085611
1	0.190318	-2.539199	2.591689	31	0.884195	1.141273	3.555115
1	-0.818652	-4.722633	-3.079523	7	2.799998	1.842501	3.231902
1	1.907296	-2.600242	-3.368166	31	-1.685201	1.215093	-2.276034
1	4.468021	-0.329707	-3.554937	8	4.067876	-0.999450	-4.353916
1	3.889967	2.215187	-2.600087	8	3.769467	-3.975424	-1.181175
1	4.513101	-2.853485	-1.123368	8	6.398628	-1.004459	-3.065861
1	1.867931	-5.034245	-0.885120	8	4.996939	-1.569244	-0.764157
1	1.412976	-4.178237	1.719541	1	3.537976	-0.404537	-3.787569
1	4.042587	-2.012334	1.482677	1	3.602102	-1.856504	-4.248980
1	-3.113762	-3.597748	-1.992069	1	4.679752	-2.482796	-0.948086
1	-2.742178	-3.687667	2.238430	1	5.610401	-1.335116	-1.495743
1	-0.862498	-1.081854	5.112178	1	6.787006	-0.142298	-3.237929
1	1.786406	1.116831	4.878450	1	5.571346	-1.034620	-3.627558
1	-5.511129	-0.492895	1.351818	1	3.541637	-0.332340	-1.631604
1	4.406938	2.137940	1.660205	1	2.143673	-3.369680	0.088111
1	1.650673	5.419862	0.690611	1	4.244982	-4.792117	-1.356023
-Ga- CO ₃ ⁻				1	3.293002	-3.728987	-2.064369
E = -1518.80868850 a.u.				1	4.080123	-0.808800	0.538551
				1	3.938352	-0.786344	2.155201
				1	2.296246	-3.590540	1.692594
				1	1.577981	-1.277935	3.759512
6	1.535694	-2.622468	-3.073519	1	-1.651494	-3.967950	3.013792
8	0.865989	-1.902704	-3.833308	1	-0.139244	-4.040683	3.579601
8	2.640664	-3.202327	-3.334692	1	-1.740763	-3.614821	-0.809622
8	1.078208	-2.807821	-1.793603	1	-4.925202	-1.549748	-0.437040
31	-0.339678	-1.678811	-1.299686	1	0.570052	1.639955	-3.306985
7	-1.593545	-0.801791	-2.478591	1	2.724167	2.968487	-0.454718
31	-3.433373	-1.681186	-2.455129	1	3.431042	1.485311	3.946980
7	-3.964117	-1.214389	-0.519335	1	2.755095	2.848412	3.398953
31	-4.131954	0.806102	-0.092651	1	-2.731946	-0.257248	2.392267
7	-2.237540	1.503230	-0.382443	1	-0.406453	5.119238	-0.140851
31	-2.321038	3.498096	0.011323	1	-1.169530	-0.985405	-3.392591
7	-0.358183	4.109183	-0.284442	1	-0.947316	2.437263	2.521568
31	0.377678	3.909382	-2.192862	1	-0.555424	4.655329	-3.238457
7	0.252953	1.871172	-2.362940	1	-2.552665	1.887195	-3.405103
31	1.500398	0.975474	-1.177020	1	-4.442599	-1.011298	-3.481398
8	2.970399	0.302841	-2.086295	1	-3.227777	-3.284907	-2.494868
7	-1.326740	-2.989252	-0.113310	1	-5.182370	1.452880	-1.093159
31	-2.917369	-2.162214	0.819836	1	-3.254765	4.289741	-0.999784
7	-1.952852	-0.767231	1.966339	1	-2.562814	3.698719	1.604930
31	-1.032507	0.635586	0.832766	1	-4.450069	0.862215	1.499446
7	-0.158406	1.933286	2.107426	1	1.945665	4.304941	-2.128666
31	0.828874	3.407219	1.087920	1	1.480944	4.431483	2.133443
7	2.257761	2.302325	0.166949	1	0.489677	1.407077	5.062355
31	3.626384	1.590687	1.348405	1	-1.384325	-1.464402	4.899072

1	5.107199	2.124694	1.330016
1	-3.651376	-3.217787	1.774789
1	-0.036645	-5.637729	0.830932

-Ga-OH⁺

E = -1331.06460409 a.u.

7	-0.637179	1.009791	-2.466657
31	-1.154976	-0.515669	-3.585325
7	-0.340195	-2.104674	-2.585005
31	-0.873775	-2.157587	-0.703683
7	-0.084650	-3.811750	0.148845
31	1.983328	-3.863735	0.212605
7	2.360092	-3.676112	-1.783445
31	1.680657	-2.014054	-2.840466
7	2.196062	-0.488598	-1.720059
31	3.605301	-0.949200	-0.305052
7	2.421710	-2.119498	0.984437
31	1.009149	-0.953336	1.662073
8	-0.327632	-2.062967	2.780984
31	-2.234934	2.116149	-1.802027
7	-3.061963	0.768152	-0.435515
31	-3.925026	-0.749579	-1.324154
7	-2.866312	-2.405733	-0.686411
31	0.707636	0.677362	-1.020237
7	-0.284772	-0.589630	0.242059
31	-1.776912	0.477696	1.029617
8	-2.432621	-0.698437	2.433648
7	-1.536682	3.615105	-0.794304
31	-2.204355	3.732768	1.136931
7	-1.155689	2.080712	1.873642
31	0.870322	2.352197	1.805978
7	1.601304	0.584373	2.608135
31	3.698363	0.578876	2.698439
7	4.034239	0.660725	0.679577
31	3.360144	2.391348	-0.314469
7	1.315917	2.239779	-0.108004
31	0.525927	3.894050	-1.061830
7	-3.191925	-0.714071	-3.237791
8	-2.014275	-3.253974	4.661463
8	-3.535375	-0.902875	4.897105
8	-5.730126	-2.220636	3.629075
8	-3.691668	-3.170419	2.117797
1	-3.143280	-0.552313	4.061726
1	-3.528227	-0.190597	5.545482
1	-3.159962	-3.525127	2.849054
1	-4.575183	-3.019665	2.517688
1	-6.618260	-2.351464	3.973344
1	-5.229904	-1.691832	4.273877
1	-3.040319	-1.412587	2.161909
1	-1.226757	-1.548307	2.731038
1	-0.417026	-3.852937	1.112894

1	-2.025280	-3.919360	5.358190
1	-2.543080	-2.499922	4.994339
1	-3.201405	-2.719214	0.233419
1	-3.111832	-3.170227	-1.315218
1	-0.436269	-4.659444	-0.293720
1	-0.657384	-2.944382	-3.071178
1	3.375898	-3.666553	-1.890800
1	2.064651	-4.520713	-2.272639
1	3.064973	-2.260214	1.768588
1	5.048786	0.771936	0.613564
1	-1.406834	2.037517	2.861922
1	-3.804953	1.335539	-0.017230
1	-3.545844	-1.514560	-3.761038
1	-3.618304	0.093610	-3.695608
1	2.727566	0.154600	-2.316277
1	-1.920697	4.454740	-1.233918
1	1.288125	0.560259	3.578670
1	-0.167903	1.688806	-3.074671
1	-1.728993	5.047128	1.859240
1	1.327080	3.559516	2.688066
1	4.212792	1.859025	3.450442
1	4.048248	-0.918570	3.188845
1	3.928911	3.641476	0.456142
1	0.936013	5.225464	-0.326826
1	0.745522	3.657288	-2.638305
1	3.700111	2.083517	-1.857405
1	-3.742783	3.247521	1.152606
1	-3.281774	2.317772	-2.974897
1	-0.860663	-0.532591	-5.122938
1	2.140268	-2.114422	-4.333616
1	-5.472521	-0.956299	-1.244122
1	4.717776	-1.894860	-0.915946
1	2.523296	-5.187472	0.846538
1	-0.317018	-2.513441	3.641344

-Ga-CO₃H⁺

E = -1519.73095655 a.u.

6	1.596381	2.550867	-3.154494
8	1.403701	1.703358	-4.021917
8	1.603713	3.882329	-3.468308
8	1.794921	2.358992	-1.900912
31	1.664048	0.567720	-1.068731
7	1.633342	-0.862836	-2.329001
31	3.395409	-1.961722	-2.192293
7	3.125108	-2.642804	-0.273257
31	1.463635	-3.875536	0.028064
7	-0.115685	-2.596359	-0.351491
31	-1.813741	-3.726399	-0.084044
7	-3.336066	-2.326853	-0.467541
31	-3.451519	-1.610625	-2.381937
7	-1.582634	-0.677154	-2.428611

31	-1.557375	0.706796	-1.124704	1	3.407918	-3.137004	-3.238325
8	-1.552179	2.440701	-2.206719	1	4.556764	-0.843930	-2.135425
7	3.204545	0.553434	0.149416	1	1.511623	-5.041961	-1.029819
31	3.306733	-1.288797	1.099924	1	-1.923646	-4.870010	-1.161227
7	1.532996	-1.199114	2.132257	1	-1.957265	-3.998747	1.496551
31	-0.075333	-1.192360	0.936131	1	1.457429	-4.140005	1.616893
7	-1.733886	-1.076492	2.059725	1	-4.488879	-0.370196	-2.377687
31	-3.450079	-1.002592	0.940152	1	-4.717549	-0.887739	1.883764
7	-3.145959	0.849582	0.023854	1	-1.804999	-0.312725	5.042951
31	-3.376375	2.331120	1.281758	1	1.631546	-0.408305	5.104381
7	-1.542889	3.272689	1.323085	1	-4.557213	3.344108	1.109071
31	0.049023	2.041733	1.389328	1	4.523708	-1.275619	2.114353
7	0.018244	0.680553	0.031483	1	4.730880	3.009044	1.221957
31	3.477070	2.080588	1.332955	1	1.350597	3.987809	-4.406746
7	1.710485	3.154552	1.194621	1	-1.765320	2.479966	-3.181617
7	3.203894	1.302212	3.209008				
31	1.577872	0.079152	3.617343				
7	-0.014156	1.283960	3.197094				
31	-1.698247	0.184177	3.561760				
7	-3.261092	1.482632	3.134012				
31	-0.029098	-2.032955	-2.238634				
8	0.440339	3.195270	-5.985382				
8	1.312265	5.467360	-1.205921				
8	-2.017330	2.767557	-4.756680				
8	-1.324830	4.929230	-1.151651				
1	0.882501	2.406208	-5.601961				
1	0.691214	3.264418	-6.913157				
1	-0.405075	5.286738	-1.204244				
1	-1.924209	5.619535	-1.456494				
1	-2.779543	2.524510	-5.290807				
1	-1.263475	2.943224	-5.356142				
1	-1.492809	3.360944	-1.859749				
1	1.703243	3.647452	0.296707				
1	1.767422	6.316119	-1.183466				
1	1.592043	5.017200	-2.027933				
1	-1.493728	3.934728	0.541526				
1	-1.530946	3.861391	2.155606				
1	1.732443	3.895990	1.893496				
1	-0.001402	2.032400	3.891332				
1	4.026644	0.728329	3.402571				
1	3.246301	2.043273	3.908049				
1	4.008229	0.510199	-0.484478				
1	3.900662	-3.295358	-0.139170				
1	-1.485734	-0.278185	-3.363005				
1	-3.927513	0.885654	-0.637098				
1	-3.315426	2.200874	3.855533				
1	-4.109735	0.929119	3.263988				
1	1.501316	-2.138647	2.542018				
1	-4.173446	-2.907230	-0.379951				
1	1.639636	-0.427382	-3.252962				
1	-1.798553	-2.018542	2.459453				
1	-3.533167	-2.758470	-3.454000				
1	-0.091956	-3.078077	-3.399647				