Note: units are msec; all means are relative to 1002.1*INC. Numerically troublesome INC numbers are 20.125,20.625.
Binormal-fit columns are MEAN1,MEAN2,M2-M1,SD1,SD2,SCALE1,SCALE2,STRONG,DISCB.

#INC	DATE	MEAN	MEAN1	MEAN2	M2-M1	SD	SD1	SD2	SCALE1	SCALE2	STRONG	DISCN	DISCB
1	02-Mar-17	0.67044	-2.42246	0.66943	3.09189	0.69371	0.88810	0.45402	0.09747	0.90253	R	0.07952	0.00399
1	05-May-19	0.62930	-2.39192	0.65055	4.45863	0.70826	0.92347	0.49681	0.09440	0.90560	R	0.07108	0.00247
2	02-Mar-17	0.38833	-3.84218	0.87575	4.71794	0.99542	1.16499	0.46026	0.10895	0.89104	R	0.11254	0.01153
2	05-May-19	0.48989	-4.62061	0.86876	5.48937	0.70826	0.92347	0.49681	0.09440	0.90560	R	0.07108	0.00247
3	07-Jun-17	-1.63041	-6.10578	-0.83340	5.27238	2.02564	1.03301	0.64374	0.15304	0.84696	R	0.19099	0.00957
4	02-Mar-17	0.30798	-4.19464	1.44735	5.64199	2.36395	0.82182	0.80719	0.19463	0.80536	R	0.16832	0.01666
4	05-May-19	1.25330	-5.19448	1.41252	6.60700	1.48722	1.62079	0.74462	0.16672	0.83328	R	0.11537	0.01464
6	07-Jun-17	1.33811	-2.38547	2.97912	5.36459	2.67438	0.90927	0.96357	0.31159	0.68841	R	0.15705	0.01984
8	02-Mar-17	1.38581	-1.81418	3.63615	5.45033	2.81719	0.81046	0.83181	0.41130	0.58869	R	0.18943	0.02650
8	05-May-19	1.24200	-2.20151	3.68515	5.88666	2.99319	0.93404	0.82595	0.40394	0.59607	R	0.19426	0.02695
9	24-Oct-18	0.90818	-2.05148	3.78943	5.84091	2.94291	0.64178	0.55515	0.48301	0.51698	R	0.20131	0.01731
10	24-Oct-18	0.90991	-2.02833	3.89512	5.92345	3.00398	0.67480	0.67009	0.49382	0.50617	R	0.20224	0.02316
11	24-Oct-18	0.801	-2.16147	4.06854	6.23001	3.16879	0.66880	0.89741	0.52543	0.47456	L	0.18553	0.02103
11.125	21-Feb-19	0.7985	-1.80289	3.99559	5.79848	3.01025	0.80952	0.84934	0.55345	0.44654	L	0.17892	0.01998
11.25	22-Feb-19	0.785	-1.83556	3.94517	5.78073	3.04420	0.79988	0.80549	0.55736	0.44263	L	0.16955	0.01920
11.375	22-Feb-19	0.7635	-2.12106	4.08734	6.2084	3.20241	0.82761	0.95868	0.53446	0.46553	L	0.13871	0.01537
11.5	22-Feb-19	0.86001	-1.54069	4.31438	5.85507	2.99195	0.75626	0.82089	0.59060	0.40940	L	0.18630	0.01632
11.625	22-Feb-19	0.78329	-1.70015	4.07967	5.77982	3.01587	0.76540	0.80303	0.57486	0.42513	L	0.18011	0.01897
11.75	22-Feb-19	0.742	-1.92099	4.20434	6.12533	3.12776	0.73836	0.83334	0.55791	0.44208	L	0.17000	0.01606
11.875	22-Feb-19	0.7715	-1.47548	4.22719	5.70267	2.96092	0.83581	0.92372	0.59296	0.40703	L	0.16514	0.02388
12	07-Jun-17	1.263	-0.87428	4.70422	5.5785	2.92937	0.85974	0.96259	0.60478	0.39521	L	0.15690	0.01980
13	24-Oct-18	0.676	-1.24755	4.33985	5.5874	2.77220	0.77247	0.98792	0.65319	0.34680	L	0.15480	0.02088
14	29-Oct-18	0.551	-1.43827	4.65494	6.09321	3.00293	0.89008	0.97002	0.66285	0.33714	L	0.15043	0.01074
15	24-Oct-18	0.458	-0.95157	4.69323	5.6448	2.61324	0.86661	0.97417	0.75152	0.24847	L	0.16838	0.01259
16	02-Mar-17	0.904	-0.02585	5.27185	5.29771	2.17317	0.80077	1.05845	0.82893	0.17106	L	0.15308	0.00932
16	05-May-19	0.647	-0.82270	5.43689	6.25959	2.83020	0.97609	1.10715	0.76825	0.23175	L	0.14832	0.01046
17	02-Dec-18	0.291	-0.58001	4.79516	5.37518	2.18212	0.88139	1.17553	0.83721	0.16278	L	0.13002	0.00688
18	03-Dec-18	0.17397	-0.27689	4.39425	4.67114	1.70385	0.82183	1.19451	0.89704	0.10295	L	0.11602	0.01498
19	03-Dec-18	0.12102	-0.12772	3.30652	3.43424	1.18209	0.54796	0.91254	0.92503	0.07496	L	0.09659	0.01223
19.125	04-Apr-19	0.08674	-0.10238	3.00437	3.10676	1.08671	0.72452	0.73613	0.94110	0.05889	L	0.06249	0.00287
19.25	04-Apr-19	0.054	-0.22964	3.6741	3.90374	1.31806	0.73764	0.96919	0.92890	0.07109	L	0.08615	0.00245
19.375	04-Apr-19	0.0795	0.02126	3.26091	3.23965	0.96935	0.66678	0.79745	0.95916	0.04083	L	0.05417	0.01648
19.5	04-Apr-19	0.027	-0.18929	4.18647	4.37576	1.29311	0.63935	1.15798	0.94400	0.05600	L	0.08237	0.01183
19.625	04-Apr-19	0.08579	0.54820	4.92397	4.37576	0.88468	0.63935	1.15798	0.94400	0.05600	L	0.03182	0.01183
19.75	04-Apr-19	0.08311	0.06577	3.13716	3.07138	0.73042	0.53933	0.75762	0.99629	0.00370	L	0.02126	0.01667
19.875	04-Apr-19	0.0265	-0.02872	3.33741	3.36614	0.97532	0.69123	0.82919	0.96687	0.03312	L	0.04992	0.01547
20	03-Dec-18	-0.05498	-0.07185	2.7206	2.79245	0.61096	0.59730	0.89015	0.98435	0.01564	L	0.00983	0.00382
20.125	18-Feb-19	0.06572	-0.04354	0.41828	0.46182	0.80735	0.76766	0.87862	0.74311	0.25689	L	0.01858	0.01945
20.25	18-Feb-19	-0.11320	-0.11237	3.93252	4.0449	0.96294	0.73546	1.00878	0.98050	0.01949	L	0.03710	0.00866
20.375	19-Feb-19	0.16457	0.16129	4.02113	3.85984	0.66126	0.65621	1.01586	0.99730	0.00270	L	0.00965	0.00815
20.5	19-Feb-19	-0.01092	-0.01127	2.94632	2.9576	0.71828	0.71804	0.95094	0.99931	0.00068	L	0.00650	0.00649
20.625	19-Feb-19	0.00383	0.00259	1.75562	1.75302	0.75237	0.75335	0.71642	1.00033	-0.00038	L	0.01388	0.01372
20.75	19-Feb-19	-0.00681	-0.15023	0.13765	0.28789	1.08697	0.93946	0.90352	0.53634	0.46365	L	0.02713	0.02182
20.875	20-Feb-19	0.00988	-0.36914	0.36168	0.73083	0.94522	1.10209	0.55114	0.40280	0.59719	R	0.03796	0.01622
21	03-Dec-18	0.10161	0.04236	0.25367	0.21131	1.04440	0.98862	0.85604	0.60292	0.39707	L	0.03137	0.02731
21.125	11-Mar-19	0.07637	-0.20169	0.37721	0.57890	0.98088	0.96011	0.38525	0.69128	0.30871	L	0.03895	0.02023
21.25	11-Mar-19	-0.06269	-0.61142	0.33994	0.95136	0.87574	0.97571	0.53869	0.37130	0.62869	R	0.04754	0.02327

21.375	11-Mar-19	0.02567	-0.79525	0.45759	1.25285	1.10568	1.20106	0.53110	0.33077	0.66922	R	0.05242 0.02211
21.5	11-Mar-19	0.10501	-0.13522	0.49615	0.63137	1.12828	1.04972	0.74118	0.64083	0.35917	L	0.04996 0.03848
21.625	12-Mar-19	0.12253	-0.37992	0.51006	0.88999	1.02954	1.15514	0.42154	0.49002	0.50998	R	0.05563 0.02563
21.75	12-Mar-19	-0.00036	-1.01633	0.41635	1.43269	1.01962	0.99122	0.59702	0.28017	0.71982	R	0.06285 0.04040
21.875	12-Mar-19	0.04312	-3.67493	0.33446	4.0094	1.22191	1.77983	0.74276	0.12099	0.87900	R	0.06728 0.00374
22	04-Dec-18	0.32201	-4.10392	0.57753	4.68146	1.24155	1.37504	0.69389	0.14145	0.85855	R	0.09505 0.01209
23	04-Dec-18	-0.11108	-4.29775	0.50943	4.80718	1.63202	1.06367	0.83005	0.16636	0.83363	R	0.09759 0.00545
24	04-Dec-18	0.78859	-3.40044	2.01834	5.41878	2.50878	1.18037	0.90923	0.23777	0.76222	R	0.13928 0.00492
25	24-Oct-18	-0.34018	-4.58458	1.04266	5.62724	2.59351	1.07504	0.87755	0.24627	0.75372	R	0.13963 0.00660
26	23-Feb-19	-0.481	-4.41168	1.36563	5.77731	2.81875	1.03305	0.91531	0.31689	0.68310	R	0.12533 0.01093
27	23-Feb-19	-0.41689	-4.28831	1.56411	5.85242	2.90680	1.04867	0.88122	0.33183	0.66816	R	0.15237 0.01734
28	23-Feb-19	-0.596	-3.98150	1.78643	5.76793	2.93615	0.94703	0.63416	0.41557	0.58442	R	0.15967 0.01590
29	24-Feb-19	-0.70780	-4.03276	1.79036	5.82312	3.01858	0.74574	0.90272	0.43126	0.56873	R	0.13054 0.01556
30	24-Feb-19	-0.21978	-3.17524	2.55285	5.72809	3.05202	0.88938	0.91464	0.48100	0.51900	R	0.13033 0.01413
31	24-Feb-19	0.162	-2.63688	3.32566	5.96254	3.13993	0.83590	0.90463	0.53693	0.46306	R	0.15186 0.01476
32	03-Mar-17	1.17337	-0.61550	4.97748	5.59299	2.78050	0.91750	0.97133	0.68267	0.31732	L	0.12018 0.00738
48	08-Jun-17	1.68548	-0.51469	3.98573	4.50043	2.76565	1.55477	1.52398	0.50295	0.49704	L	0.03990 0.00581
48	27-May-19	0.92000	-1.27290	3.07404	4.34694	2.75412	1.67901	1.67402	0.49097	0.50904	R	0.03781 0.00673
50	25-Feb-19	0.00500	-3.02249	2.95333	5.97582	3.16813	1.07918	1.16209	0.49195	0.50804	R	0.11589 0.00895
52	26-Feb-19	-0.41321	-2.83466	2.95722	5.79188	3.08002	1.06402	1.17947	0.58244	0.41755	L	0.09250 0.01002
54	26-Feb-19	-0.622	-2.55107	3.26118	5.81225	2.98590	1.02435	1.26373	0.66864	0.33135	L	0.10194 0.00736
56	27-Feb-19	-1.04845	-2.27694	2.83017	5.10711	2.54165	1.09203	1.75248	0.75612	0.24387	L	0.08836 0.00694
58	28-Feb-19	-0.819	-1.74125	1.94946	3.69071	2.24090	0.91649	2.42010	0.74022	0.25977	L	0.06540 0.01190
60	28-Feb-19	-0.81982	-1.06508	0.36899	1.43407	1.25327	0.81772	1.57582	0.83792	0.16207	L	0.03706 0.00517
60.5	14-Apr-19	-0.84763	-0.90841	-0.80060	0.10780	1.18821	1.53568	0.96173	0.39077	0.60923	R	0.01197 0.00752
61	14-Apr-19	-1.069	-1.93429	-0.52016	1.41413	1.85408	1.66713	1.19499	0.45454	0.54545	R	0.03164 0.02136
61.5	14-Apr-19	-0.92410	-1.57017	-0.49781	1.07236	1.45633	1.39398	1.24751	0.42808	0.57192	R	0.02030 0.01904
62	01-Mar-19	-0.51914	-2.00408	0.08906	2.09315	1.35652	1.55588	1.02947	0.32937	0.67062	R	0.02898 0.01927
62.5	14-Apr-19	-0.27902	-1.3267	0.31699	1.6437	1.38710	1.81287	0.92303	0.33197	0.66802	R	0.03834 0.01797
63	14-Apr-19	0.01485	-1.37791	0.47466	1.85258	1.62321	2.63449	1.10045	0.27419	0.72580	R	0.04152 0.00574
63.5	14-Apr-19	0.13756	-2.95407	0.66166	3.61573	1.83633	2.24069	1.12276	0.23911	0.76089	R	0.06286 0.00891
64	03-Mar-17	1.19517	-2.49969	3.04546	5.54515	2.91144	1.14996	1.24450	0.33180	0.66819	R	0.09609 0.00465
64	05-May-19	-0.06975	-4.02935	0.71135	4.74070	2.41203	1.21465	1.53654	0.17702	0.82298	R	0.03831 0.00441
65	02-Mar-19	0.075	-3.96089	1.38955	5.35044	2.72193	1.69048	1.16186	0.25243	0.74756	R	0.07366 0.00828
66	02-Mar-19	-0.833	-3.78097	1.74701	5.52798	2.87129	1.49952	1.14584	0.28551	0.71449	R	0.07634 0.00542
67	03-Mar-19	-0.04365	-3.90364	1.94099	5.84463	3.00173	1.37741	1.20708	0.34014	0.65986	R	0.10595 0.00983
68	04-Mar-19	-0.21519	-3.61238	1.96757	5.57995	3.03130	1.44237	1.33949	0.38816	0.61183	R	0.08227 0.00670
69	05-Mar-19	-0.213	-3.55473	2.16493	5.71966	3.10977	1.22903	1.18556	0.41879	0.58120	R	0.06894 0.00525
70	06-Mar-19	-0.016	-3.1225	2.67111	5.79361	3.25919	1.36253	1.29219	0.47414	0.52585	R	0.06282 0.00643
71	06-Mar-19	0.93006	-1.88094	3.96188	5.84282	3.14304	1.15054	1.14480	0.51770	0.48229	L	0.10392 0.00726
72	08-Jun-17	3.65471	2.14165	7.46889	5.32724	2.74454	1.10353	1.44850	0.71601	0.28398	L	0.09426 0.00565
74	09-Nov-18	-0.12272	-1.84299	3.52159	5.36458	2.88562	1.37753	1.35841	0.67753	0.32246	L	0.06244 0.00584
76	10-Nov-18	0.99659	-0.20228	5.21274	5.41503	2.72162	1.43808	1.28317	0.77856	0.22143	L	0.05748 0.00407
78	11-Nov-18	-0.22742	-0.82769	4.13315	4.96084	2.13391	1.31460	1.29892	0.88454	0.11545	L	0.06081 0.00683
80	09-Jun-17	2.825	-1.8079	3.53162	5.33952	2.33705	1.19356	1.15956	0.14292	0.85707	R	0.05707 0.00647
80	21-Apr-19	0.899	0.53703	4.75597	4.21894	1.84884	1.15546	1.38051	0.92523	0.07477	L	0.04306 0.01149
82	12-Nov-18	-0.23057	-2.44315	0.21735	2.6605	2.03762	2.57983	1.19228	0.23070	0.76929	R	0.04268 0.00525
84	13-Nov-18	-0.56054	-4.71607	0.56458	5.28066	2.77048	1.31507	1.62093	0.22192	0.77807	R	0.04168 0.00502
86	14-Nov-18	-0.76116	-5.01747	0.86817	5.88565	3.06068	1.37467	1.46997	0.27847	0.72153	R	0.06112 0.00517
88	10-Jun-17	2.878	0.47636	5.9908	5.51444	3.08509	1.31608	1.29649	0.56549	0.43450	L	0.06648 0.00659

88	27-May-19	1.093	-2.12112	2.85621	4.97773	2.98034	1.28949	1.74590	0.35971	0.64029	R	0.03259	0.00586
92	20-Oct-18	-1.24705	-3.32126	1.89608	5.21734	3.04060	1.49544	1.74095	0.60033	0.39966	L	0.04879	0.00444
96	24-May-17	3.59708	2.555	4.53552	1.98052	1.82962	1.16261	1.59786	0.47499	0.52500	R	0.01703	0.01736
96	27-May-19	0.911	-1.64626	1.96917	3.61543	3.15084	1.96789	2.82362	0.29402	0.70598	R	0.01113	0.00445
100	21-Oct-18	-0.92292	-2.44571	-0.20806	2.23765	2.38882	1.81917	1.50437	0.37390	0.62609	R	0.02417	0.01800
104	11-Jun-17	3.95972	0.67555	6.10679	5.43123	3.07477	1.49536	1.52717	0.39744	0.60255	R	0.05759	0.00487
104	27-May-19	0.916	-2.67275	1.83610	4.50885	2.59555	2.09006	1.47299	0.21526	0.78475	R	0.03141	0.00407
108	22-Oct-18	-0.565	-3.64661	1.32205	4.96866	3.11614	1.41111	1.98853	0.37204	0.62795	R	0.02745	0.00830
112	12-Jun-17	4.87908	3.80709	8.62019	4.8131	2.53329	1.41721	1.71354	0.77979	0.22020	L	0.05936	0.00354
112	27-May-19	1.2630	-0.85485	4.20199	5.05684	3.35379	2.09039	1.99213	0.59140	0.40860	L	0.01566	0.00654
120	14-Jun-17	4.23123	-0.29918	5.34953	5.64871	3.00826	1.32331	1.82062	0.20825	0.79174	R	0.04397	0.01064
120	27-May-19	0.952	-0.70437	1.75624	2.46061	2.70500	1.28079	1.45278	0.43359	0.56641	R	0.02704	0.01734