Non Pot Scale 1													
		-3				-2				-1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	4.06751	16.5771	4.04739	4.023416	3.18964	10.2415	3.17793	3.16348	2.3084	5.4558	2.2982	2.3116
	xi	4.01761	16.1443	4.01528	4.007375	3.08882	9.55566	3.0856	3.0784	2.2659	5.2236	2.2561	2.269
NLS-P	sig	0.9984	0.9968	0.99839	0.999159	0.98871	0.97758	0.9886	0.99186	0.9108	0.8307	0.9075	0.924
	xi	1.40974	2.91821	1.23434	1.164351	1.06849	1.6562	0.90662	0.80802	0.8078	0.889	0.6481	0.5336
NLS-S	sig	0.31509	0.18378	0.27496	0.252173	0.26115	0.15236	0.23596	0.22303	0.2951	0.1697	0.2564	0.2325
	xi	0.91755	1.62036	0.76881	0.675364	0.51933	0.62545	0.46722	0.43807	0.3228	0.2029	0.2775	0.2471
WNLS-P	sig	0.9984	0.99681	0.9984	0.999158	0.98865	0.97745	0.98853	0.9918	0.9072	0.8242	0.9039	0.9185
	xi	1.35852	2.73999	1.20105	1.146701	1.00491	1.50543	0.8641	0.79466	0.7311	0.7714	0.5874	0.4894
Zhang	sig	0.3633	0.14969	0.36006	0.359648	0.26379	0.0866	0.25493	0.2549	0.1646	0.0393	0.1405	0.1326
	xi	1.18684	1.64798	1.17862	1.176367	0.6121	0.49277	0.59741	0.59538	0.2257	0.0837	0.2004	0.192
lme	sig	0.77772	0.60484	0.77761	0.777184	0.71253	0.50771	0.71229	0.71188	0.5807	0.3373	0.5799	0.5792
	xi	3.20234	10.255	3.20229	3.202763	2.24112	5.02261	2.24097	2.24137	1.2611	1.5905	1.2601	1.2612
mdpd	sig	0.65919	0.43453	0.65681	0.667014	0.48064	0.23104	0.47317	0.50025	0.3832	0.1697	0.1209	0.0848
	xi	1.97844	3.91425	1.97128	2.00223	0.95948	0.92068	0.94446	0.99973	0.368	0.1559	0.1074	0.0641
med	sig	0.39669	0.15745	0.38856	0.396232	0.25121	0.06365	0.23254	0.22621	0.1885	0.0501	0.1512	0.1292
	xi	1.84784	3.42379	1.80646	1.960523	0.9125	0.8337	0.86481	0.94164	0.341	0.1792	0.1712	0.0953
mle	sig	0.6533	0.42739	0.63026	0.649204	0.50242	0.25296	0.48155	0.49401	**0.1485**	**0.0237**	**0.106**	**0.0795**
	xi	1.96062	3.84939	1.89145	1.948288	1.00384	1.00978	0.96138	0.98653	*0.1488*	*0.024*	*0.0952*	*0.0592*
moments	sig	1.00067	3.94138	0.37128	0.197612	0.47356	0.5535	0.25753	0.17211	0.2889	0.1509	0.1956	0.1473
	xi	3.189	38.9009	1.22805	0.667246	1.07711	2.77987	0.60293	0.40949	0.3952	0.2804	0.2708	0.207
mple	sig	0.65116	0.4245	0.63245	0.653319	0.50492	0.25543	0.48255	0.49892	0.1504	0.0244	0.1085	0.081
	xi	1.95417	3.82329	1.898	1.960668	1.00854	1.01898	0.96332	0.99676	0.1519	0.0252	0.0993	0.0615
pickands	sig	0.21772	0.0671	0.17408	0.149779	0.23711	0.07942	0.18911	0.1629	0.2758	0.1087	0.2165	0.1846
	xi	0.6993	0.70367	0.55672	0.47023	0.57449	0.47693	0.45735	0.38739	0.5026	0.3676	0.399	0.3354
pwmb	sig	0.29145	0.13124	0.21098	0.166574	0.26257	0.10515	0.19344	0.15506	0.2407	0.0882	0.1802	0.1451
	xi	0.90802	1.24966	0.66886	0.538301	0.57666	0.49722	0.43309	0.35348	0.3229	0.1557	0.2465	0.2022
pwmu	sig	0.3691	0.265	0.24005	0.174368	0.29605	0.14923	0.20817	0.16087	0.2521	0.101	0.1865	0.1494
	xi	1.15986	2.57607	0.76764	0.56742	0.65621	0.72186	0.47104	0.37084	0.3424	0.1841	0.2591	0.2123
ad	sig	0.22485	0.05137	0.20307	0.198371	0.16391	0.03117	0.13379	**0.11625**	0.1852	0.0529	0.1471	0.124
	xi	0.68637	0.48233	0.61444	0.596333	0.34847	0.14853	0.27663	*0.2335*	0.2381	0.0969	0.1832	0.1479
adr	sig	0.22869	0.05258	0.20915	0.207113	**0.15965**	**0.02818**	**0.1325**	0.11766	0.1789	0.0503	0.1412	0.1183

	xi	0.6904	0.47971	0.62998	0.622797	*0.327*	*0.1203*	*0.2685*	0.23557	0.2111	0.0747	0.1662	0.1372
ad2r	sig	0.25878	0.06703	0.24447	0.245334	0.18037	0.03303	0.15683	0.14755	0.1888	0.0566	0.147	0.1198
	xi	0.77969	0.60845	0.73657	0.73922	0.36386	0.13482	0.31483	0.29519	0.212	0.0759	0.1666	0.1369
adl	sig	0.19886	0.05445	0.15063	0.119766	0.23226	0.08577	0.17929	0.14728	0.2649	0.1163	0.2003	0.1612
	xi	0.64941	0.62005	0.48159	0.369887	0.54584	0.51322	0.41236	0.32334	0.4427	0.362	0.3255	0.2454
ad2l	sig	0.39366	0.24068	0.28177	0.216898	0.38358	0.22273	0.27853	0.21916	0.4394	0.3207	0.3067	0.2355
	xi	1.77634	5.03849	1.13889	0.735781	1.44982	2.90819	0.88085	0.55847	1.3531	2.6827	0.7914	0.465
cm	sig	**0.16104**	**0.03104**	**0.12837**	**0.110861**	0.19256	0.05622	0.15193	0.12863	0.2257	0.0811	0.1737	0.1412
	xi	*0.49978*	*0.30737*	*0.39365*	*0.33528*	0.42015	0.28015	0.32813	0.27229	0.3222	0.1758	0.2458	0.1949
ks	sig	0.6992	0.48895	0.6946	0.715541	0.5507	0.30336	0.52551	0.59033	0.2663	0.0767	0.2134	0.1865
	xi	2.84643	8.1047	2.81801	2.961318	1.66538	2.78144	1.56558	1.83016	0.5322	0.3121	0.4133	0.3549

Non Pot Scale 1

		-0.5				0				1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	1.74724	3.18313	1.72122	1.735019	1.18014	1.47487	1.13698	1.08922	0.3448	0.2127	0.2548	0.2079
	xi	1.80084	3.44805	1.75643	1.750195	1.29743	1.95991	1.19613	1.08729	0.4894	0.6043	0.2987	0.1942
NLS-P	sig	0.75791	0.58352	0.73848	0.768911	0.72502	0.71462	0.54418	0.47097	29.276	1846.2	10.809	6.1194
	xi	0.70831	0.67944	0.53965	0.412672	0.67575	0.64667	0.51615	0.40262	0.9385	1.1981	0.7891	0.6778
NLS-S	sig	0.3482	0.21524	0.28903	0.249168	0.56811	0.52189	0.44055	0.35323	5.3322	118.66	2.0314	1.0904
	xi	0.24837	0.1017	0.20433	0.172998	0.28744	0.12255	0.23871	0.21857	0.5724	0.4676	0.5084	0.4844
WNLS-P	sig	0.74744	0.5686	0.72771	0.758398	0.73834	0.7412	0.54229	0.45545	31.192	2012.5	11.719	6.6606
	xi	0.63789	0.5866	0.4843	0.364416	0.62274	0.58303	0.47309	0.36614	0.9174	1.1797	0.7781	0.6797
Zhang	sig	**0.15482**	**0.03385**	**0.12617**	**0.110625**	**0.19322**	**0.05165**	**0.15454**	0.13306	**0.3098**	**0.1471**	**0.2298**	**0.1813**
	xi	*0.14167*	*0.03369*	*0.11218*	*0.094423*	0.15552	0.03573	0.1218	0.10044	*0.2786*	0.1106	*0.2243*	0.1901
lme	sig	0.39796	0.15852	0.3917	0.394119	0.20867	0.06172	0.16309	0.13683	0.4098	0.3377	0.2599	0.1898
	xi	0.64154	0.41216	0.62879	0.647078	*0.1459*	*0.0293*	*0.1177*	0.10241	0.2809	0.1103	0.2349	0.2027
mdpd	sig	0.26617	0.13277	0.18163	0.15187	0.36388	0.32946	0.22025	0.16374	935.44	1E+06	18.962	0.1832
	xi	0.21468	0.08886	0.16134	0.147001	0.23753	0.11296	0.17613	0.14058	6.3003	44.032	1.2576	*0.1868*
med	sig	0.22739	0.07556	0.18003	0.151287	0.2696	0.10733	0.20845	0.17221	0.3417	0.1557	0.2941	0.2217
	xi	0.30039	0.14492	0.20498	0.14951	0.34879	0.17839	0.25994	0.20483	0.5469	0.4107	0.4328	0.3834
mle	sig	0.23124	0.08526	0.18318	0.155645	0.30685	0.17818	0.22614	0.16769	1244.1	2E+06	18.618	0.1963
	xi	0.19566	0.06645	0.16218	0.149145	0.22359	0.09241	0.17623	0.14205	3.0362	17.732	0.4039	0.2077

moments	sig	0.23896	0.09411	0.17225	0.134789	0.22851	0.08367	0.16822	**0.13017**	476.8	364102	13.748	1.9924
	xi	0.22969	0.08915	0.1642	0.126258	0.16504	0.04518	0.11857	0.08734	0.6011	0.3679	0.6011	0.5801
mple	sig	0.23545	0.08871	0.18525	0.155651	0.30459	0.17678	0.22127	0.15844	1239.9	2E+06	18.293	0.3024
	xi	0.19734	0.06738	0.16308	0.149123	0.21522	0.08587	0.16095	0.12217	0.4198	0.2286	0.3962	0.3663
pickands	sig	0.30165	0.13011	0.23411	0.197988	0.34218	0.16877	0.25919	0.21591	0.4276	0.2535	0.3414	0.2655
	xi	0.49251	0.35021	0.39098	0.328655	0.50597	0.36866	0.40188	0.33874	0.6461	0.6489	0.4841	0.4044
pwmb	sig	0.23284	0.08259	0.17553	0.141739	0.23899	0.08825	0.17955	0.14318	11.692	338.33	0.9986	0.3222
	xi	0.23011	0.0801	0.1756	0.141568	0.18179	0.05158	0.13714	0.10897	0.3218	0.1195	0.2954	0.2795
pwmu	sig	0.2366	0.0867	0.17844	0.145623	0.23534	0.08507	0.17834	0.14624	0.5643	0.5601	0.3394	0.2494
	xi	0.23724	0.0874	0.18161	0.148145	0.18086	0.05117	0.13771	0.11205	0.3019	*0.1023*	0.2728	0.2565
ad	sig	0.20518	0.06561	0.16129	0.134352	0.23948	0.08783	0.18603	0.15446	1245.2	2E+06	23.478	2.3463
	xi	0.213	0.07934	0.16079	0.125972	0.22918	0.08615	0.17479	0.13971	0.7101	0.5499	0.6051	0.5805
adr	sig	0.20016	0.06397	0.15593	0.128942	0.23897	0.09093	0.18272	0.14862	1245.4	2E+06	24.102	2.3466
	xi	0.18409	0.05876	0.14288	0.11538	0.19909	0.06436	0.15568	0.1278	0.6743	0.5047	0.5827	0.5666
ad2r	sig	0.23913	0.10953	0.16746	0.132216	1.49043	4.87797	0.34662	0.15717	1245.4	2E+06	16.626	3.3775
	xi	0.1987	0.08185	0.14311	0.113477	5.96864	52.7277	0.7417	0.13209	48.377	3795	30.372	14.251
adl	sig	0.28121	0.12728	0.2121	0.170269	0.30745	0.14969	0.23119	0.18529	1235.9	2E+06	19.703	0.2301
	xi	0.41064	0.29254	0.30275	0.229021	0.41081	0.27834	0.30983	0.24273	98.12	18266	4.6931	0.3473
ad2l	sig	0.42375	0.26382	0.31075	0.246533	0.46282	0.32067	0.32647	0.25776	38960	1E+10	166.23	0.2934
	xi	1.31409	2.24473	0.75695	0.451789	1.324	2.18099	0.75163	0.459	4598.2	9E+07	41.945	0.6025
cm	sig	0.24675	0.09696	0.18807	0.152658	0.27621	0.119	0.20878	0.16762	1245.4	2E+06	22.017	0.2206
	xi	0.2983	0.14809	0.22713	0.178484	0.30333	0.14489	0.23471	0.18974	10.649	162.92	2.1772	0.2868
ks	sig	0.21919	0.06574	0.17095	0.146438	0.24831	0.09173	0.18415	0.1445	1245.4	2E+06	25.177	2.2752
	xi	0.2794	0.10527	0.2319	0.222776	0.22198	0.06973	0.14676	*0.0835*	2.7879	8.2823	1.9984	1.8904

Non Pot Scale 1

		2				3				5			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	1.07208	1.15742	0.9748	0.933247	2.04092	4.16787	1.93421	1.89873	4.0476	**16.386**	3.92	3.8695
	xi	1.33837	2.55304	1.00923	0.99645	2.14238	4.81841	1.94039	1.98047	5.5709	50.425	3.9087	3.9702
NLS-P	sig	1475.87	7340559	242.067	64.41747	2818097	6.3E+13	54947.7	588.134	1E+10	1E+21	1E+08	29083
	xi	1.36957	2.43149	1.20777	1.149905	1.79835	4.21808	1.61356	1.55637	3.0749	11.514	2.8198	2.8447

NLS-S	sig	282.428	500699	31.8086	4.190281	1737587	2.4E+13	21811.8	19.6323	3E+09	4E+19	7E+07	697.94
	xi	1.02626	1.47432	0.93193	0.91664	1.48666	3.09724	1.35637	1.33773	2.4251	8.1691	2.2146	2.1992
WNLS-P	sig	1592.36	8550152	268.194	70.72609	2794211	6.2E+13	55495.9	657.769	1E+10	1E+21	1E+08	31588
	xi	1.3629	2.4517	1.21339	1.153767	1.80542	4.29787	1.63513	1.60973	3.0843	11.633	2.8438	2.8608
Zhang	sig	**0.47787**	**0.41585**	**0.31398**	**0.224203**	**0.70078**	**1.12075**	**0.39841**	**0.25457**	4.6121	131.49	**0.7131**	**0.3133**
	xi	*0.41578*	*0.2476*	*0.33268*	*0.283393*	*0.5509*	*0.4338*	*0.4423*	*0.3781*	*0.827*	*0.9753*	*0.6634*	*0.5679*
lme	sig	0.62508	0.81823	0.3902	0.250747	1.24829	4.90691	0.56888	0.30488	3.5201	49.019	1.1892	0.4182
	xi	0.44557	0.28635	0.35902	0.310308	0.60691	0.52819	0.48971	0.4269	0.9403	1.2525	0.7571	0.6563
mdpd	sig	5.4E+08	9.6E+17	6121702	330.3605	2.4E+17	2E+35	2.9E+15	214100	8E+32	2E+66	8E+30	2E+11
	xi	55.1463	3889.09	32.4373	19.91946	110.699	16826.5	69.7061	56.782	186.96	57700	93.342	82.263
med	sig	0.63141	0.73751	0.40478	0.272378	1.15681	3.7687	0.57167	0.31402	**3.1113**	41.231	1.3381	0.4786
	xi	0.73356	0.7328	0.58586	0.506272	0.89065	1.07264	0.7138	0.60717	1.283	2.3157	1.0589	0.9507
mle	sig	7014597	1.6E+14	748871	0.354649	9.7E+10	7.5E+22	1.4E+10	366093	6E+08	7E+17	4E+08	4E+08
	xi	25.6049	1198.75	7.51719	0.39204	56.5082	5590.12	33.0002	11.9212	64.678	7510.4	55.081	55.081
moments	sig	2.8E+08	2.5E+17	3132040	211.9204	1.2E+17	4.9E+34	1.5E+15	107387	4E+32	6E+65	4E+30	1E+11
	xi	1.54448	2.38802	1.54349	1.530868	2.52957	6.39998	2.5293	2.52063	4.5211	20.441	4.5211	4.5152
mple	sig	4.7E+07	5.5E+15	1025046	49.82178	1.4E+11	1.4E+23	2.7E+10	301765	1E+11	3E+22	8E+10	5E+10
	xi	1.30468	1.71899	1.29079	1.249045	2.34393	5.50274	2.34205	2.36281	4.403	19.399	4.4029	4.4026
pickands	sig	0.79148	1.16642	0.4647	0.326953	1.66066	7.46665	0.67738	0.39513	20.151	2442.7	2.29	0.5377
	xi	0.7777	0.87121	0.61351	0.510814	0.98632	1.41346	0.77303	0.641	1.4929	3.2643	1.1621	0.9599
pwmb	sig	9707275	3.9E+14	105575	4.965872	6.4E+14	2E+30	6.9E+12	452.106	2E+30	2E+61	2E+28	2E+08
	xi	1.10301	1.22691	1.09817	1.072994	2.0575	4.23776	2.0563	2.0392	4.0355	16.287	4.0353	4.0238
pwmu	sig	450.295	623650	11.6119	3.044298	968201	2.6E+12	22070.4	126.828	7E+13	2E+28	1E+12	9E+06
	xi	1.08165	1.17578	1.07668	1.051642	2.03651	4.14914	2.03532	2.01846	4.0148	16.119	4.0147	4.0034
ad	sig	5.4E+08	9.6E+17	6121746	397.0145	2.4E+17	2E+35	2.9E+15	214053	8E+32	2E+66	8E+30	2E+11
	xi	1.52355	2.51867	1.38494	1.332494	2.56764	6.8074	2.44589	2.69022	4.7584	22.732	4.3777	4.4762
adr	sig	5.4E+08	9.6E+17	6121766	397.7495	2.4E+17	2E+35	2.9E+15	214150	8E+32	2E+66	8E+30	2E+11
	xi	1.52516	2.52125	1.41117	1.414192	2.65057	7.16919	2.58776	2.7549	4.7504	22.653	4.4369	4.5023
ad2r	sig	5.4E+08	9.6E+17	1005854	416.8814	2.4E+17	2E+35	3.8E+14	201225	8E+32	2E+66	6E+29	2E+11
	xi	41.3404	4017.94	28.1375	21.36657	36.514	3806.05	27.0069	22.3654	33.214	3690.2	41.558	40.812
adl	sig	5.4E+08	9.6E+17	6121683	259.8539	2.4E+17	2E+35	2.9E+15	214057	8E+32	2E+66	8E+30	2E+11
	xi	40022.4	1.1E+10	720.777	178.2195	21440.6	6.7E+08	737.631	59.1105	58208	1E+10	1214.6	14.51
ad2l	sig	1.9E+07	1.7E+15	6339451	0.921524	3E+15	2E+31	2.9E+15	212721	8E+27	2E+56	8E+30	2E+11
	xi	9995285	7.5E+14	144622	119.2955	2.4E+07	1.9E+15	2459396	26258.2	4E+07	7E+15	1E+07	181.87

cm	sig	5.4E+08	9.6E+17	6121773	413.341	2.4E+17	2E+35	2.9E+15	214154	8E+32	2E+66	8E+30	2E+11
	xi	139.4	39540.4	42.761	27.30852	278.368	187112	27.1052	12.1485	518.53	522396	18.784	7.0822
ks	sig	5.4E+08	9.6E+17	6121779	420.5987	2.4E+17	2E+35	2.9E+15	214157	8E+32	2E+66	8E+30	2E+11
	xi	347.244	218899	14.6649	2.341712	480.693	379961	26.8076	3.08358	460.23	533028	17.871	4.7812

Non Pot Scale 10

		-3				-2				-1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	13.054	170.461	13.0474	13.02342	12.1811	148.55	12.1779	12.1635	11.301	128.06	11.298	11.312
	xi	13.223	175.197	13.1528	13.07375	12.9296	168.749	12.856	12.784	13.711	197.26	13.564	13.69
NLS-P	sig	9.98398	99.6705	9.98391	9.991615	9.88737	97.7291	9.88624	9.91859	9.1254	83.416	9.094	9.2475
	xi	1.41171	2.94053	1.23927	1.165153	1.0647	1.64471	0.90344	0.80745	0.798	0.8715	0.6367	0.5225
NLS-S	sig	6.10613	40.1615	5.34024	4.758389	2.85593	16.8891	2.47929	2.27834	2.7352	16.236	2.4245	2.2423
	xi	1.98646	4.24681	1.66718	1.382716	0.64079	0.93899	0.53923	0.48554	0.3604	0.3555	0.3219	0.2996
WNLS-P	sig	9.98402	99.6708	9.98395	9.991574	9.88669	97.7078	9.88558	9.91796	9.0975	82.84	9.0661	9.2167
	xi	1.36084	2.76197	1.20537	1.148574	1.00355	1.50579	0.86428	0.79477	0.7215	0.7571	0.5806	0.4852
Zhang	sig	3.63213	15.6874	3.60063	3.596476	2.63788	9.03795	2.54934	2.54896	1.647	4.0626	1.4045	1.326
	xi	1.18659	1.64756	1.17862	1.176367	0.6121	0.49277	0.59741	0.59538	0.2258	0.0837	0.2004	0.192
lme	sig	8.66102	75.0118	8.66072	8.661331	8.32257	69.258	8.31674	8.3502	7.2864	52.842	7.1511	7.6166
	xi	4.03643	16.2928	4.03406	4.046304	3.10917	9.66725	3.09941	3.12955	2.0302	4.1232	1.9519	2.1025
mdpd	sig	6.95815	48.5885	6.36989	6.640247	5.68266	32.8988	4.6178	5.00566	4.1869	18.587	1.1868	0.8642
	xi	2.07443	4.30874	1.90811	1.992202	1.09884	1.20897	0.91756	0.99924	0.3296	0.1146	0.1124	0.0762
med	sig	3.90289	15.2778	3.80446	3.919802	2.48439	6.25059	2.27068	2.20506	1.949	5.5713	1.5609	1.325
	xi	1.81353	3.30541	1.76156	1.930195	0.88785	0.79156	0.82705	0.90713	0.3805	0.2062	0.1866	0.1114
mle	sig	6.24763	41.1078	5.97379	6.542674	4.62896	22.4496	4.36848	4.76657	**1.4384**	**2.1353**	**1.065**	0.811
	xi	1.87407	3.52238	1.79187	1.962631	0.9234	0.85577	0.87109	0.95096	***0.1489***	***0.0241***	0.1039	0.0699
moments	sig	10.0048	394.709	3.71277	1.976124	4.73561	55.7516	2.57525	1.72113	2.8874	15.362	1.9559	1.4733
	xi	3.18816	38.9	1.22805	0.667246	1.07711	2.77987	0.60293	0.40949	0.3948	0.2802	0.2708	0.207
mple	sig	6.2384	40.9065	5.97584	6.547492	4.66299	22.6792	4.39313	4.78707	1.4555	2.212	1.0685	**0.8108**
	xi	1.87132	3.51127	1.79248	1.964022	0.93018	0.86913	0.87602	0.95526	0.1501	0.0246	*0.1039*	*0.0696*

pickands	sig	2.17877	6.96633	1.74083	1.497795	2.37112	8.24243	1.89106	1.629	2.757	11.26	2.1654	1.8456
	xi	0.69978	0.70401	0.55672	0.47023	0.57449	0.47693	0.45735	0.38739	0.5024	0.3674	0.399	0.3354
pwmb	sig	2.91361	13.4903	2.10981	1.665741	2.62573	10.822	1.9344	1.55062	2.4056	9.0815	1.802	1.4514
	xi	0.90763	1.24932	0.66886	0.538301	0.57666	0.49722	0.43309	0.35348	0.3225	0.1555	0.2465	0.2022
pwmu	sig	3.69018	26.8846	2.4005	1.743679	2.96048	15.2396	2.08167	1.6087	2.5194	10.357	1.8646	1.4943
	xi	1.15949	2.57575	0.76764	0.56742	0.65621	0.72186	0.47104	0.37084	0.3421	0.1839	0.2591	0.2123
ad	sig	1.86072	3.75544	1.57829	1.47655	1.5711	3.21366	1.25773	1.06705	1.8311	5.2818	1.4596	1.2358
	xi	0.57035	0.35157	0.47788	0.443049	0.33472	0.15043	0.26103	0.21539	0.2362	0.0951	0.1819	0.1475
adr	sig	1.84614	3.59865	1.59599	1.532395	**1.48343**	**2.75576**	**1.19293**	**1.02355**	1.7508	4.8614	1.3919	1.1772
	xi	0.5574	*0.32339*	0.48017	0.459674	*0.3045*	*0.1159*	*0.2425*	*0.2053*	0.2073	0.0711	0.164	0.1366
ad2r	sig	2.16253	4.7961	1.95078	1.964396	1.6496	2.9361	1.38587	1.28661	1.718	4.6527	1.3679	1.1588
	xi	0.65026	0.4272	0.5862	0.590203	0.33273	0.11783	0.27831	0.25718	0.1939	0.0622	0.1553	0.1324
adl	sig	1.99621	5.95218	1.50745	1.207674	2.21383	7.95718	1.72145	1.42779	2.5691	10.874	1.9724	1.6149
	xi	0.65086	0.6626	0.48073	0.371744	0.52173	0.47105	0.39534	0.31211	0.4322	0.3377	0.3209	0.2451
ad2l	sig	4.17985	30.4535	2.76154	2.118197	3.82314	22.3681	2.85294	2.20992	4.0951	25.992	2.9469	2.3329
	xi	1.87749	5.84291	1.12867	0.71657	1.50361	3.12476	0.92309	0.5654	1.2868	2.2216	0.7604	0.4592
cm	sig	**1.59747**	**3.40402**	**1.26435**	**1.071004**	1.83366	5.1689	1.44561	1.22548	2.1715	7.4477	1.6872	1.3853
	xi	*0.49425*	0.32625	*0.38739*	*0.324314*	0.39936	0.25059	0.31149	0.25904	0.3066	0.1537	0.2357	0.1889
ks	sig	6.26782	39.2603	6.12867	6.508074	5.65097	31.9049	5.45013	6.07787	3.9862	16.107	3.6738	4.1136
	xi	2.45008	6.01066	2.35806	2.476773	1.72351	2.97553	1.62966	1.8762	0.8871	0.7999	0.8035	0.9195

Non Pot Scale 10

		-0.5				0				1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	10.7387	115.531	10.733	10.74728	10.1484	103.109	10.1413	10.0892	9.0853	82.598	9.076	9.0718
	xi	13.8659	217.936	13.2497	13.0478	13.1653	205.851	12.0654	10.8736	12.212	182.08	10.445	9.4041
NLS-P	sig	7.579	58.714	7.38139	7.691881	7.37285	76.7724	5.50495	4.73717	290.48	182713	107.7	61.212
	xi	0.70892	0.68008	0.53909	0.4124	0.67847	0.65949	0.51388	0.40786	0.9552	1.2175	0.8091	0.7191
NLS-S	sig	3.46036	21.5456	2.90014	2.516546	5.52243	49.7105	4.32799	3.47816	53.106	11683	20.259	10.75
	xi	0.31088	0.20773	0.2653	0.245154	0.27663	0.11364	0.21944	0.17754	0.5964	0.5032	0.5357	0.5147
WNLS-P	sig	7.47119	56.9314	7.27249	7.583068	7.54391	80.9955	5.50761	4.59277	315.68	204362	117.12	66.488
	xi	0.64095	0.59104	0.48571	0.36818	0.62875	0.59594	0.4732	0.36571	0.9326	1.1955	0.7959	0.7135

Zhang	sig	**1.54846**	**3.51563**	**1.26169**	**1.106252**	1.93222	5.37875	1.54542	1.33056	**3.1358**	**15.727**	**2.2978**	**1.8126**
	xi	*0.14169*	*0.03369*	*0.11218*	*0.094423*	***0.1555***	***0.0357***	0.1218	0.10044	*0.2806*	*0.1132*	*0.2243*	*0.1901*
lme	sig	4.40202	21.1861	3.55339	3.11683	2.24987	7.57064	1.81224	1.57839	3.3299	17.674	2.432	1.8827
	xi	1.00978	1.10919	0.72925	0.438554	0.35061	0.22648	0.22595	0.12604	0.2931	0.1264	0.2349	0.2009
mdpd	sig	2.61159	11.9689	1.72065	1.471593	2.70101	13.2613	2.01157	1.57527	11943	2E+08	242	19.295
	xi	0.20477	0.07629	0.15481	0.144876	0.2164	0.08657	0.16605	0.13373	5.2594	27.8	1.3655	0.4601
med	sig	2.2842	7.91759	1.80426	1.513093	2.70681	11.1668	2.09223	1.72834	4.1505	28.638	2.9373	2.2199
	xi	0.31067	0.15796	0.2075	0.148512	0.35377	0.18373	0.26305	0.20683	0.5482	0.4109	0.4352	0.3851
mle	sig	2.21969	7.899	1.77872	1.53563	3.02985	17.4054	2.24187	1.67532	11935	2E+08	200.9	2.0414
	xi	0.1902	0.06218	0.15906	0.148922	0.22216	0.09071	0.17542	0.14183	3.0196	17.768	0.4003	0.201
moments	sig	2.38963	9.62856	1.72254	1.347892	2.28512	8.58313	1.68225	1.30172	6205.1	6E+07	137.48	19.924
	xi	0.22966	0.08915	0.1642	0.126258	0.16504	0.04518	*0.1186*	*0.0873*	0.6084	0.3792	0.6011	0.5801
mple	sig	2.22798	8.01277	1.78358	1.536824	2.99997	17.1387	2.19022	1.58236	11935	2E+08	207.99	3.26
	xi	0.18988	0.06196	0.15884	0.149091	0.21329	0.08365	0.15993	0.12194	0.4264	0.2338	0.404	0.3731
pickands	sig	3.01602	13.4881	2.34113	1.979877	3.42185	17.4861	2.59187	2.15912	4.9695	40.581	3.4136	2.6548
	xi	0.49237	0.35017	0.39098	0.328655	0.50597	0.36866	0.40188	0.33874	0.6116	0.5424	0.4841	0.4044
pwmb	sig	2.32849	8.50058	1.75529	1.417387	2.38994	9.07989	1.7955	1.4318	346.33	468905	9.9856	3.222
	xi	0.23008	0.08009	0.1756	0.141568	0.18179	0.05158	0.13714	0.10897	0.3358	0.1357	0.2954	0.2795
pwmu	sig	2.36606	8.91155	1.78437	1.456235	2.35341	8.75794	1.78337	1.46235	5.0626	39.034	3.3943	2.4944
	xi	0.23721	0.08739	0.18161	0.148145	0.18086	0.05117	0.13771	0.11205	0.3164	0.117	0.2728	0.2565
ad	sig	2.04828	6.70809	1.61163	1.344078	2.39603	9.05488	1.85937	1.54431	12454	2E+08	244.2	23.596
	xi	0.21277	0.07913	0.16066	0.125948	0.22851	0.08535	0.17473	0.13966	0.7065	0.5406	0.6113	0.5871
adr	sig	1.98893	6.42835	1.55352	1.288073	2.3624	8.98223	1.81416	1.48534	12454	2E+08	249.91	23.757
	xi	0.18342	0.05802	0.14254	0.115321	0.1987	0.06379	0.15489	0.12747	0.6689	0.4966	0.5838	0.5718
ad2r	sig	2.13403	7.67775	1.6365	1.320277	2.80446	12.9727	2.03555	1.5441	12454	2E+08	160.24	34.33
	xi	0.20396	0.08969	0.1424	0.113382	6.60359	67.5402	0.7628	0.13196	47.184	3772.1	28.324	11.151
adl	sig	2.69741	11.6292	2.06262	1.684013	2.97272	13.9237	2.27205	1.83824	12450	2E+08	235.59	2.7855
	xi	0.39003	0.25589	0.29054	0.223841	0.40089	0.25918	0.30518	0.24384	629.49	2E+06	21.268	0.4216
ad2l	sig	4.20499	26.7574	3.10095	2.487853	4.43782	29.7272	3.2376	2.57021	10817	5E+08	111.49	3.9999
	xi	1.34834	2.39847	0.76644	0.458839	1.3404	2.25241	0.75948	0.46387	14634	5E+08	192.98	1.3624
cm	sig	2.32809	8.35473	1.81118	1.504733	2.61979	10.4634	2.02671	1.66219	12454	2E+08	237.92	2.8936
	xi	0.28081	0.12361	0.21728	0.173891	0.29508	0.13375	0.22999	0.18678	13.188	231.85	3.6461	0.3574
ks	sig	2.85671	8.3427	2.57609	2.823467	**1.57673**	**3.62126**	**1.21862**	**0.99803**	12454	2E+08	268.94	41.817
	xi	0.55907	0.32037	0.50922	0.590177	0.16032	0.03815	0.12406	0.10218	4.7411	34.986	2.8932	2.6153

Non Pot Scale 10

		2				3				5			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	8.08854	65.4797	8.07102	8.085879	7.11059	**50.6318**	7.07843	7.10254	**5.1808**	**26.944**	**5.0842**	5.1306
	xi	14.0107	330.14	9.81333	8.456327	13.0307	271.197	9.21095	7.43133	29.804	3816.5	9.0843	5.5105
NLS-P	sig	12294.2	6.3E+08	1928.41	632.4088	1.8E+07	2.6E+15	205005	5015.94	3E+09	4E+19	2E+07	69868
	xi	1.36668	2.41315	1.20485	1.152067	1.76466	4.00243	1.58982	1.51757	3.9251	15.789	3.6648	3.9557
NLS-S	sig	2833.64	5E+07	314.411	41.5587	1.4E+07	1.6E+15	180389	193.074	9E+11	7E+24	1E+10	6364.2
	xi	1.02897	1.4831	0.93559	0.912115	1.48247	3.07345	1.35146	1.3318	2.4131	8.0679	2.2007	2.1886
WNLS-P	sig	13285.6	7.2E+08	2177.83	693.3549	1.8E+07	2.6E+15	209218	5555.71	3E+09	4E+19	2E+07	72356
	xi	1.35865	2.4275	1.20946	1.15595	1.76896	4.06672	1.60771	1.53699	3.9293	15.829	3.6745	3.9524
Zhang	sig	**4.77865**	**42.2935**	**3.13984**	**2.242031**	**7.00779**	113.088	**3.9841**	**2.54572**	46.157	13152	7.1314	**3.1327**
	xi	*0.41578*	*0.2476*	*0.33268*	*0.283393*	*0.5509*	*0.4338*	*0.4423*	*0.3781*	*0.8256*	*0.9718*	*0.6634*	*0.5679*
lme	sig	5.59126	57.7781	3.67933	2.462226	8.79948	163.334	5.11769	2.97911	20.487	1106.9	9.3486	4.0771
	xi	0.43886	0.27375	0.35355	0.3061	0.6001	0.51279	0.48386	0.42144	0.9302	1.2289	0.7496	0.6489
mdpd	sig	5.4E+09	9.6E+19	6.1E+07	4173.501	2.4E+18	1.7E+37	2.9E+16	2141573	4E+33	2E+67	8E+31	2E+12
	xi	43.5357	2452.19	25.9462	15.10799	83.3494	9155.99	64.4656	53.157	231.21	96714	92.021	79.728
med	sig	6.28119	74.3729	4.02722	2.720226	11.41	375.482	5.63046	3.10822	30.977	4122.4	13.269	4.7604
	xi	0.73744	0.74004	0.58807	0.507906	0.88203	1.0589	0.70599	0.59371	1.2762	2.3027	1.0472	0.9259
mle	sig	9.2E+07	1.7E+16	3088488	3674.752	4E+07	3E+15	8775297	2848493	5E+09	1E+18	5E+09	5E+09
	xi	24.0787	1033.5	7.7573	0.860322	56.4996	5590.37	33.3252	12.2402	51.432	4645	41.673	41.673
moments	sig	2.8E+09	2.5E+19	3.1E+07	2119.204	1.2E+18	4.3E+36	1.5E+16	1073865	2E+33	6E+66	4E+31	1E+12
	xi	1.54448	2.38802	1.54349	1.530868	2.52957	6.39998	2.5293	2.52063	4.5211	20.441	4.5211	4.5152
mple	sig	1.4E+08	6.8E+16	7009397	3399.204	2.8E+07	3.6E+15	7010588	3251791	7E+11	3E+24	4E+11	8E+09
	xi	1.4113	2.00619	1.40651	1.414519	2.3963	5.75625	2.38589	2.38519	4.4332	19.669	4.4332	4.4351
pickands	sig	7.91479	118.505	4.64695	3.269527	16.6066	750.345	6.77379	3.95132	201.01	244231	22.9	5.377
	xi	0.7777	0.87121	0.61351	0.510814	0.98632	1.41346	0.77303	0.641	1.492	3.2604	1.1621	0.9599
pwmb	sig	9.7E+07	3.9E+16	1055746	49.65872	6.4E+15	1.9E+32	6.9E+13	4521.06	8E+30	2E+62	2E+29	2E+09
	xi	1.10301	1.22691	1.09817	1.072994	2.0575	4.23776	2.0563	2.0392	4.0354	16.286	4.0353	4.0238
pwmu	sig	4502.95	6.3E+07	116.119	30.44298	9682014	1.8E+14	220704	1268.28	6E+14	2E+30	1E+13	9E+07
	xi	1.08165	1.17578	1.07668	1.051642	2.03651	4.14914	2.03532	2.01846	4.0148	16.119	4.0147	4.0034
ad	sig	5.4E+09	9.6E+19	6.1E+07	4071.261	2.4E+18	1.7E+37	2.9E+16	2141535	8E+33	2E+68	8E+31	2E+12
	xi	1.65359	2.83808	1.55327	1.715933	2.77364	7.75914	2.74117	2.84571	4.8127	23.211	4.8082	4.835

adr	sig	5.4E+09	9.6E+19	6.1E+07	4188.109	2.4E+18	1.7E+37	2.9E+16	2141574	8E+33	2E+68	8E+31	2E+12
	xi	1.7235	3.03824	1.67448	1.77966	2.78324	7.80392	2.77475	2.81949	4.7719	22.842	4.7698	4.7744
ad2r	sig	5.4E+09	9.6E+19	1E+07	4231.134	2.4E+18	1.7E+37	3.8E+15	2012270	8E+33	2E+68	6E+30	2E+12
	xi	41.3831	4035.86	28.1693	21.3425	36.5333	3811.45	27.0464	22.3832	33.224	3693.4	26.696	24.886
adl	sig	5.4E+09	9.6E+19	6.1E+07	4171.674	2.4E+18	1.7E+37	2.9E+16	2141554	8E+33	2E+68	8E+31	2E+12
	xi	19160.8	1.5E+09	674.749	209.8551	13446.9	2.7E+08	610.839	59.7929	33629	2E+09	1214	15.851
ad2l	sig	5.6E+07	1.1E+16	6.2E+07	619.9608	3E+16	2E+33	2.9E+16	1781934	8E+28	2E+58	8E+31	2E+12
	xi	3267636	2E+13	2111551	3488.137	4.3E+07	5E+15	1.4E+07	173960	9E+08	3E+18	3E+07	349.31
cm	sig	5.4E+09	9.6E+19	6.1E+07	4202.669	2.4E+18	1.7E+37	2.9E+16	2141573	8E+33	2E+68	8E+31	2E+12
	xi	152.669	43955.4	43.8688	28.22538	497.701	583859	30.7801	12.2566	516.73	520777	20.067	7.528
ks	sig	5.4E+09	9.6E+19	6.1E+07	4207.804	2.4E+18	1.7E+37	2.9E+16	2141575	8E+33	2E+68	8E+31	2E+12
	xi	574.889	902216	16.9125	2.38529	1623.26	1.3E+07	37.2032	3.09001	477.11	560884	19.59	5.0054

Pot Scale 1

		-3				-2				-1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	10.3571	107.269	10.3462	10.34756	7.61636	58.0198	7.60635	7.59571	4.5784	21.06	4.5734	4.5655
	xi	6.11746	37.4233	6.11541	6.115863	5.30668	28.1635	5.30308	5.29772	4.5677	20.955	4.5628	4.5547
NLS-P	sig	0.9995	0.999	0.99947	0.962616	0.99988	0.99976	0.99988	0.9343	0.9907	0.9814	0.9906	0.9164
	xi	1.4136	2.92132	1.23314	1.133273	1.05853	1.60653	0.89345	0.77946	0.8033	0.8828	0.644	0.5128
NLS-S	sig	0.99929	0.99858	0.99929	0.999307	0.99147	0.98303	0.99147	0.99176	0.9091	0.8276	0.9087	0.9112
	xi	1.37241	*2.38326*	1.01111	0.750302	*0.5392*	*0.6355*	0.46744	0.43255	0.314	0.1916	0.2696	0.2394
WNLS-P	sig	0.9995	0.99899	0.99947	0.999999	0.99988	0.99976	0.99988	0.99992	0.9904	0.9809	0.9903	0.9921
	xi	1.35833	2.72853	1.19765	1.146186	0.99348	1.45699	0.85234	0.78491	0.7205	0.7488	0.5787	0.4862
Zhang	sig	**0.41021**	**0.27137**	**0.4102**	**0.410221**	**0.81523**	**0.96778**	**0.81478**	**0.81527**	1.6273	2.8691	1.6255	1.627
	xi	*1.29947*	*2.5371*	1.29945	1.299534	1.58693	3.70426	1.58666	1.5878	1.5094	2.6162	1.5075	1.5088
lme	sig	0.96381	0.93797	0.99971	0.99974	0.99645	0.99291	0.99645	0.99659	0.9507	0.9038	0.9506	0.9511
	xi	3.03619	9.22745	3.00027	3.000259	2.0026	4.0104	2.00244	2.00341	1.0462	1.0944	1.0461	1.0454
mdpd	sig					0.99577	0.99155	0.99582	0.996	0.92	0.8465	0.9198	0.9209
	xi					1.31991	1.74366	1.3163	1.30901	0.235	0.0558	0.2077	0.2038
med	sig	0.9151	0.88708	0.99929	0.999366	0.99158	0.98324	0.99158	0.99202	0.9	0.81	0.8995	0.9012
	xi	1.88993	3.57556	1.80679	1.960988	0.90552	0.82117	0.86821	0.94482	0.3089	0.152	0.1641	*0.0927*
mle	sig	0.95808	0.93006	0.99971	0.99974	0.99641	0.99282	0.9964	0.99658	0.9223	0.8506	0.9221	0.924

	xi	2.87521	8.37584	3	3	1.98824	3.95361	1.9855	2	0.2599	0.0682	0.2359	0.2262
moments	sig	3.2E+07	8.2E+15	0.99867	0.998958	0.98856	0.97726	0.98852	0.98981	**0.8952**	**0.8014**	**0.8942**	0.9001
	xi	9.6E+07	7.4E+16	1.09692	0.64986	1.15923	3.74699	0.57315	0.40479	0.3774	0.2474	0.2623	0.2041
mple	sig	0.90285	0.88084	0.99971	0.99974	0.99641	0.99283	0.99641	0.99658	0.9219	0.8499	0.9217	0.9238
	xi	2.70937	7.93195	3	3	1.98777	3.95177	1.98501	2	0.2643	0.0707	0.2373	0.2262
pickands	sig	1.29285	2.27624	0.99887	0.999013	0.98946	0.97902	0.98944	0.99022	0.8994	0.8089	0.8986	0.9036
	xi	1.75652	13.0136	*0.55593*	*0.471174*	0.57314	0.47459	0.45604	0.38325	0.5005	0.3609	0.3966	0.3319
pwmb	sig	2.08576	12.6192	0.99883	0.998992	0.98916	0.97844	0.98914	0.98998	0.8968	0.8043	0.8961	0.9007
	xi	4.1204	99.2368	0.64389	0.528017	0.55575	0.45287	0.42245	0.35028	0.3143	0.1454	0.2418	0.2006
pwmu	sig	809.948	5236812	0.99879	0.998974	0.989	0.97811	0.98898	0.98992	0.897	0.8046	0.8963	0.9012
	xi	2427.92	4.7E+07	0.72603	0.557465	0.63096	0.65431	0.45688	0.36739	0.3326	0.1705	0.2539	0.211
ad	sig	0.99965	0.99931	0.99965	0.999695	0.9932	0.98644	0.99319	0.99366	0.9011	0.8119	0.9007	0.9026
	xi	3.02009	9.12866	3.00818	2.999473	0.99724	0.99945	0.9467	0.89769	0.2227	0.082	0.1694	0.138
adr	sig	0.99969	0.99938	0.99969	0.999726	0.99373	0.98749	0.99372	0.99418	0.9004	0.8107	0.9	0.9021
	xi	3.01177	9.07181	2.99924	2.999814	1.12636	1.27169	1.08396	1.04109	0.1969	0.0593	0.1574	0.1356
ad2r	sig	0.99969	0.99938	0.99969	0.999724	0.99432	0.98866	0.99427	0.99475	0.9021	0.8139	0.902	0.9041
	xi	3.00119	9.00857	2.98816	2.999976	1.2624	1.59577	1.22463	1.16387	*0.1878*	*0.0468*	*0.157*	0.1416
adl	sig	0.99965	0.9993	0.99965	0.999698	0.98984	0.97979	0.98983	0.99047	0.8956	0.8022	0.8948	0.8992
	xi	3.04077	9.25922	3.03039	2.999088	0.55254	*0.3839*	*0.4188*	*0.3255*	0.4287	0.3259	0.3173	0.2407
ad2l	sig	0.9996	0.9992	0.99961	0.999654	0.98963	0.97937	0.98964	0.99057	0.9013	0.8124	0.8999	0.9056
	xi	3.0481	9.30806	3.0422	2.981593	1.28251	2.03829	0.82288	0.54587	1.2574	2.045	0.7722	0.4681
cm	sig	0.99968	0.99936	0.99968	0.999725	0.99065	0.98139	0.99064	0.9912	0.8952	0.8014	0.8946	**0.8982**
	xi	3.0093	9.05752	2.99267	2.999357	0.61607	0.43799	0.47989	0.39205	0.3166	0.1679	0.2432	0.1944
ks	sig	0.99971	0.99942	0.99971	0.99974	0.99609	0.99219	0.99609	0.99622	0.9361	0.8762	0.9359	0.9405
	xi	3.0114	9.06942	3.00009	3	1.99696	3.98802	1.99456	2.00467	0.87	0.7574	0.8337	0.9391

Pot Scale 1

		-0.5				0				1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	3.14004	10.0661	3.13545	3.121743	1.98195	4.25479	1.9649	1.98115	**0.7226**	**0.6211**	**0.6453**	**0.6045**
	xi	4.58653	21.5818	4.57827	4.559812	6.2015	43.4192	6.13193	6.17209	33.038	1253.9	30.055	27.787
NLS-P	sig	0.91415	0.83673	0.91137	0.850245	0.73684	0.74809	0.54878	0.47261	236.19	97520	112.86	58.348
	xi	0.71685	0.69527	0.54408	0.398731	0.68334	0.66205	0.51988	0.38817	0.9516	1.2082	0.8058	0.6919

NLS-S	sig	0.71002	0.51621	0.70333	0.713349	0.56877	0.52898	0.44077	0.35253	42.021	5073	24.575	15.789
	xi	0.24543	0.09641	0.19936	0.166574	0.28703	0.12318	0.23864	0.21796	0.5924	0.4954	0.5319	0.5121
WNLS-P	sig	0.91053	0.83022	0.90772	0.921486	0.75252	0.77841	0.54705	0.45607	250.05	106635	121.65	73.823
	xi	0.64655	0.60041	0.4897	0.365156	0.62696	0.59277	0.47516	0.36359	0.9279	1.1827	0.7927	0.7124
Zhang	sig	2.17672	4.79443	2.17066	2.168206	3.65356	13.4057	3.62937	3.6103	28.25	802.84	27.382	26.495
	xi	1.05512	1.1473	1.0508	1.047651	0.62907	0.40824	0.61218	0.60904	0.6233	0.4034	0.5797	0.5777
lme	sig	0.80686	0.65102	0.80647	0.806936	**0.20403**	**0.05853**	**0.15997**	0.13425	10.593	114.97	9.7479	9.0982
	xi	0.6231	0.38828	0.62252	0.621239	*0.1442*	*0.0285*	0.11609	0.1002	*0.2926*	0.1262	*0.2329*	*0.197*
mdpd	sig	0.66351	0.44063	0.65836	0.660805	0.33601	0.24358	0.21192	0.16	8533.6	1E+08	180.54	27.543
	xi	0.18262	0.05528	0.14741	0.140993	0.23226	0.10533	0.17312	0.13738	5.1562	26.75	1.3652	0.4551
med	sig	0.68658	0.4714	0.68048	0.687436	0.26739	0.10528	0.20686	0.17057	11.066	128.68	9.8534	9.0076
	xi	0.30544	0.15064	0.20686	0.15136	0.35472	0.18394	0.2629	0.20568	0.552	0.4177	0.4368	0.3841
mle	sig	0.65719	0.43248	0.65215	**0.65492**	0.29537	0.16273	0.21844	0.16352	8507	1E+08	139.27	9.4273
	xi	0.18461	0.05741	0.15186	0.143623	0.21991	0.08944	0.1729	0.13942	2.9745	17.361	0.4087	0.1987
moments	sig	0.67924	0.46138	0.6735	0.684317	0.21763	0.07385	0.16126	**0.12559**	4429	4E+07	110.19	28.703
	xi	0.22088	0.08143	0.15841	0.124418	0.15771	0.04028	*0.1141*	0.08557	0.6087	0.3798	0.6009	0.5794
mple	sig	**0.65687**	**0.43206**	**0.65179**	0.655132	0.29322	0.1616	0.21353	0.15379	8521.3	1E+08	147.31	11.991
	xi	0.18143	*0.0533*	0.1508	0.143454	0.21106	0.08265	0.15704	0.11683	0.4266	0.235	0.4032	0.371
pickands	sig	0.69075	0.47727	0.68139	0.696457	0.3433	0.17162	0.26006	0.21605	11.214	131.99	9.4962	8.3249
	xi	0.49481	0.35426	0.39344	0.331179	0.51097	0.37852	0.40526	0.33959	0.6117	0.5387	0.4848	0.4067
pwmb	sig	0.68112	0.46393	0.67539	0.685724	0.22853	0.07885	0.173	0.13932	237.97	150234	16.523	11.937
	xi	0.22254	0.07381	0.17093	0.14082	0.17498	0.04685	0.13289	0.10606	0.3354	0.1358	0.2944	0.2776
pwmu	sig	0.68463	0.46872	0.6788	0.689698	0.22548	0.07633	0.17254	0.14247	12.615	163.61	11.566	10.73
	xi	0.23002	0.08107	0.1774	0.147811	0.17452	0.04673	0.13396	0.1096	0.3162	*0.1172*	0.2718	0.2546
ad	sig	0.68523	0.46954	0.68009	0.686216	0.23263	0.08161	0.18138	0.15177	8535	1E+08	182.15	30.641
	xi	0.21258	0.07916	0.16012	0.125068	0.22746	0.08427	0.17346	0.13899	0.7064	0.5406	0.6094	0.586
adr	sig	0.68026	0.46281	0.67512	0.6819	0.23231	0.08469	0.17799	0.14569	8535.2	1E+08	187.7	31.098
	xi	*0.18116*	*0.05669*	0.14091	0.113868	0.1973	0.06278	0.15481	0.12716	0.6673	0.4946	0.581	0.5708
ad2r	sig	0.67549	0.45636	0.66528	0.672839	1.56021	5.6228	0.3406	0.15461	8535.2	1E+08	113.77	42.365
	xi	0.18155	0.06063	*0.1407*	*0.113176*	6.05861	53.5313	0.72564	0.12905	47.531	3857.7	28.468	11.187
adl	sig	0.68156	0.46454	0.67345	0.683822	0.29552	0.13519	0.22429	0.18331	8533.3	1E+08	173.11	10.086
	xi	0.39856	0.27264	0.29614	0.22679	0.40633	0.26994	0.30591	0.2387	224.59	111078	16.589	0.4164
ad2l	sig	0.70884	0.50257	0.69447	0.704867	0.42947	0.27001	0.31518	0.25687	937.41	2E+06	106.99	9.5782
	xi	1.30335	2.19246	0.7534	0.445037	1.275	2.04113	0.75955	0.45617	1199	3E+06	93.312	1.3336

cm	sig	0.67779	0.45944	0.67097	0.680045	0.26974	0.11225	0.20446	0.16565	8534.6	1E+08	175.82	10.653
	xi	0.29448	0.14281	0.22474	0.178327	0.30108	0.1417	0.23298	0.18864	13.337	249.05	3.6272	0.3566
ks	sig	0.71619	0.51295	0.7124	0.719276	0.24076	0.08517	0.17975	0.14234	8535.3	1E+08	208.13	50.342
	xi	0.3454	0.12542	0.29259	0.277546	0.21916	0.06753	0.14553	*0.0825*	3.4908	13.408	2.8851	2.6247

Pot Scale 1

		2				3				5			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	**0.59962**	**0.39123**	**0.50715**	**0.459242**	**1.51476**	**2.29888**	**1.41324**	**1.37626**	**3.4981**	**12.239**	**3.3777**	3.3355
	xi	329.545	145349	260.564	230.8264	4852.55	5.6E+07	2626.62	2100.93	1E+07	1E+15	488672	192688
NLS-P	sig	100256	5.1E+10	12514.6	4709.482	1234986	3.6E+12	190935	83233.4	3E+07	4E+15	391572	1.35
	xi	1.30766	2.16646	1.15077	1.043447	2.19453	4.93881	2.07138	2.17551	4.4791	20.062	4.4788	4.5
NLS-S	sig	40620	1.1E+10	3216.71	444.4576	6E+07	2.7E+16	2025526	16955.3	6E+13	3E+28	9E+11	3E+07
	xi	1.02025	1.44685	0.92578	0.901039	1.4671	2.97541	1.33309	1.31774	2.3181	7.3134	2.1015	2.0995
WNLS-P	sig	110198	5.6E+10	14389.7	6202.624	1593824	5.6E+12	219115	86465.8	4E+07	7E+15	491859	**0.9**
	xi	1.30031	2.17947	1.1553	1.107816	2.19089	4.92437	2.06767	2.17156	4.4795	20.066	4.4792	4.5
Zhang	sig	279.531	82758.4	249.799	227.0952	4143.19	3.2E+07	2552.92	2079.52	1E+07	2E+15	577107	193359
	xi	*0.70622*	*0.53019*	0.63179	0.613949	*0.7971*	*0.7012*	*0.695*	0.66217	*1.0169*	1.2262	*0.8579*	*0.7895*
lme	sig	77.5224	6197.57	66.9678	65.29238	28.8523	1237.72	15.8144	10.718	16.031	257.71	15.615	15.48
	xi	1.30559	2.17552	0.91135	0.533728	4.94041	24.409	4.84147	4.89042	9.494	90.137	9.4191	9.3864
mdpd	sig	8.7E+12	3.3E+26	8.7E+10	41718.92	3.7E+18	2.7E+37	4.6E+16	2.3E+08	5E+34	1E+70	5E+32	2E+16
	xi	41.1904	2118.33	24.7943	14.49456	111.239	20970.6	61.1326	50.7911	253.85	121924	83.384	70.844
med	sig	154.446	30469.3	119.584	99.25726	3213.12	3E+07	1443.54	1015.23	4E+06	1E+14	553630	115591
	xi	0.74072	0.74643	***0.58971***	***0.508165***	0.92099	1.15629	0.73672	*0.6341*	1.2365	2.1237	1.0147	0.8874
mle	sig	2E+08	1.1E+17	9428527	42600.17	9.5E+10	6.2E+22	7.4E+10	7.4E+10	6E+09	4E+19	6E+09	6E+09
	xi	25.2025	1091.06	8.28393	1.16867	43.6889	5103.58	39.041	39.041	157.76	24890	157.76	157.76
moments	sig	4.3E+12	8.3E+25	4.3E+10	21074.85	1.9E+18	7.3E+36	2.4E+16	1.1E+08	3E+34	3E+69	3E+32	9E+15
	xi	1.54418	2.38709	1.54312	1.530314	2.52931	6.39862	2.52904	2.52041	4.521	20.44	4.521	4.5151
mple	sig	1.6E+08	7.5E+16	1.3E+07	46805.57	1.7E+08	7.8E+16	1.3E+11	1.3E+11	7E+09	5E+19	6E+09	6E+09
	xi	1.47058	2.1816	1.41733	1.411944	2.43697	5.95622	2.47188	2.47188	4.6023	21.201	4.6014	4.6014
pickands	sig	162.574	33901.8	114.791	89.71033	3505.23	3.1E+07	1444.83	887.766	2E+08	3E+17	3E+06	85584
	xi	0.78913	0.91091	0.62043	0.516593	0.99298	1.44133	0.77691	0.64122	1.4991	3.2938	1.1672	0.9689

pwmb	sig	1E+10	5.6E+20	1E+08	596.325	8.5E+16	2.5E+34	9E+14	473083	3E+32	3E+65	3E+30	2E+13
	xi	1.10208	1.22475	1.0971	1.071574	2.05677	4.23466	2.05558	2.03868	4.0353	16.286	4.0351	4.0237
pwmu	sig	15571.3	4.5E+08	977.632	399.6481	1.1E+09	3.4E+18	2.1E+07	129035	7E+20	2E+42	8E+18	8E+11
	xi	1.08076	1.17379	1.07564	1.050256	2.03581	4.1462	2.03461	2.01796	4.0147	16.118	4.0145	4.0033
ad	sig	8.7E+12	3.3E+26	8.7E+10	41644.86	3.7E+18	2.7E+37	4.6E+16	2.3E+08	5E+34	1E+70	5E+32	2E+16
	xi	1.87353	3.52766	1.86266	1.906867	2.86083	8.20869	2.85754	2.8895	4.8241	23.314	4.8217	4.8419
adr	sig	8.7E+12	3.3E+26	8.7E+10	41710.31	3.7E+18	2.7E+37	4.6E+16	2.3E+08	5E+34	1E+70	5E+32	2E+16
	xi	1.83999	3.41213	1.83396	1.858013	2.80994	7.93911	2.80622	2.83886	4.7753	22.872	4.7733	4.7758
ad2r	sig	8.7E+12	3.3E+26	2.9E+08	41128.67	3.7E+18	2.7E+37	5.2E+18	2E+08	5E+34	1E+70	4E+41	2E+16
	xi	40.8906	4012.39	28.4088	21.55281	36.6184	3864.89	26.9048	22.1741	32.638	3575.7	26.808	24.87
adl	sig	8.7E+12	3.3E+26	8.7E+10	41714.1	3.7E+18	2.7E+37	4.6E+16	2.3E+08	5E+34	1E+70	5E+32	2E+16
	xi	11031.3	2.1E+08	655.463	207.3654	23024.9	1E+09	706.362	59.4272	41852	3E+09	1273.1	15.878
ad2l	sig	1.9E+08	7E+16	8.7E+10	28490.74	1.4E+16	9.3E+32	4.6E+16	2.3E+08	2E+29	2E+59	5E+32	2E+16
	xi	3297824	3.8E+13	1672320	6123.466	3.2E+08	2.2E+17	2.6E+07	301915	3E+07	4E+15	3E+06	281.91
cm	sig	8.7E+12	3.3E+26	8.7E+10	41716.7	3.7E+18	2.7E+37	4.6E+16	2.3E+08	5E+34	1E+70	5E+32	2E+16
	xi	193.492	92539.7	44.9831	28.57339	494.147	999885	30.9665	12.2667	193.83	95081	15.222	7.5798
ks	sig	8.7E+12	3.3E+26	8.7E+10	41718.98	3.7E+18	2.7E+37	4.6E+16	2.3E+08	5E+34	1E+70	5E+32	2E+16
	xi	253.669	170263	12.6794	2.374042	619.13	1357596	27.2375	3.08602	346.48	241999	15.581	5.0052

Pot Scale 10

		-3				-2				-1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	19.352	374.501	19.3462	19.34756	16.611	275.934	16.6063	16.5957	13.575	184.38	13.573	13.566
	xi	34.1908	1169.01	34.1541	34.15863	35.0851	1231.24	35.0308	34.9772	36.689	1355.2	36.628	36.547
NLS-P	sig	9.99989	99.9979	9.99989	9.999992	9.99879	99.9759	9.99879	9.99919	9.9066	98.143	9.9063	9.9238
	xi	1.4123	2.90618	1.23155	1.159931	1.05909	1.61691	0.89703	0.8029	0.8038	0.8802	0.6448	0.5315
NLS-S	sig	9.99283	99.8566	9.99283	9.993022	9.91407	98.2898	9.91403	9.917	9.1087	83.079	9.1053	9.1279
	xi	1.35872	2.34855	0.99515	0.738468	0.52411	0.62824	0.46544	0.43359	0.3116	0.1974	0.269	0.2411
WNLS-P	sig	9.99989	99.9979	9.99989	9.999992	9.99879	99.9757	9.99879	9.99918	9.9032	98.075	9.9028	9.9186
	xi	1.35404	2.71374	1.19372	1.14134	0.99669	1.47642	0.8567	0.7894	0.7257	0.7606	0.5843	0.4881
Zhang	sig	**4.10207**	**27.1367**	**4.10202**	**4.102212**	**8.15228**	**96.778**	**8.14779**	**8.15268**	16.273	286.91	16.255	16.27
	xi	1.29947	2.53711	1.29945	1.299534	1.58693	3.70426	1.58666	1.5878	1.5094	2.6162	1.5075	1.5088
lme	sig	9.99714	99.9428	9.99714	9.997407	9.9652	99.3052	9.96519	9.96646	9.5734	91.651	9.5732	9.5756

	xi	3.00256	9.01539	3.00253	3.002592	2.03386	4.1366	2.03383	2.03267	1.2622	1.5933	1.2608	1.2588
mdpd	sig	9.99626	99.9253	9.99626	9.996306	9.95067	99.0158	9.95065	9.95305	9.0414	81.748	9.0369	9.0687
	xi	2.35566	5.54946	2.35502	2.365071	1.09811	1.20584	1.09454	1.09739	0.3121	0.1034	0.1093	0.0708
med	sig	9.99289	99.8579	9.99289	9.993663	9.91579	98.323	9.91573	9.92012	9.0004	81.007	8.9958	9.0124
	xi	1.84793	3.425	1.80717	1.961051	0.90781	0.82553	0.86749	0.94357	0.3534	0.1942	0.1747	0.0982
mle	sig	9.99708	99.9417	9.99708	9.997404	9.93273	98.6593	9.93264	9.94082	9.0316	81.571	9.0285	9.0527
	xi	2.98241	8.89574	2.9798	3	1.10247	1.2173	0.99041	0.99988	0.1614	0.0293	***0.1037***	***0.0676***
moments	sig	9.9867	99.7341	9.98667	9.989585	9.88562	97.7258	9.88522	9.89808	8.9518	80.138	8.9425	9.0009
	xi	2.745	27.0553	1.09692	0.64986	1.15923	3.74699	0.57315	0.40479	0.3774	0.2474	0.2623	0.2041
mple	sig	9.99709	99.9418	9.99709	9.997404	9.93276	98.6599	9.93267	9.94084	9.027	81.49	9.024	9.0474
	xi	2.98161	8.89106	2.97892	3	1.10828	1.23003	0.99259	0.99777	*0.1612*	*0.0288*	0.1062	0.0698
pickands	sig	9.98875	99.7751	9.98875	9.990132	9.89456	97.9023	9.89443	9.90221	8.9941	80.895	8.9862	9.0358
	xi	*0.69675*	*0.6936*	*0.55593*	*0.471174*	0.57314	0.47459	0.45604	0.38325	0.5005	0.3609	0.3966	0.3319
pwmb	sig	9.98834	99.767	9.98834	9.98992	9.89158	97.8436	9.89144	9.89984	8.968	80.427	8.9614	9.007
	xi	0.86185	1.08975	0.64386	0.528017	0.55575	0.45287	0.42245	0.35028	0.3143	0.1454	0.2418	0.2006
pwmu	sig	9.98792	99.7585	9.98791	9.989744	9.88996	97.8114	9.88978	9.89919	8.9701	80.465	8.9629	9.0117
	xi	1.07655	2.10556	0.72598	0.557465	0.63096	0.65431	0.45688	0.36739	0.3326	0.1705	0.2539	0.211
ad	sig	9.99417	99.8833	9.99416	9.994832	9.91189	98.2457	9.91183	9.91659	8.9833	80.701	8.9785	9.0048
	xi	1.92538	3.71075	1.8771	1.828148	0.47353	0.23371	0.41264	0.39092	0.2388	0.0975	0.1829	0.148
adr	sig	9.99462	99.8924	9.99462	9.995387	9.91272	98.2621	9.91266	9.91714	8.9694	80.454	8.9648	8.9907
	xi	2.06055	16.2187	2.0198	1.987809	0.4704	12.5159	0.42331	0.40413	0.2109	10.217	0.1654	0.1365
ad2r	sig	9.995	99.9001	9.99499	9.995663	9.91825	98.3717	9.91765	9.92197	**8.9418**	**79.961**	**8.9396**	**8.9653**
	xi	2.18728	4.78552	2.14576	2.090323	0.56079	0.31463	0.52296	0.51483	0.2089	0.0735	0.1659	0.1381
adl	sig	9.99129	99.8259	9.99129	9.992454	9.89134	97.8388	9.89122	9.89835	8.9569	80.229	8.9486	8.9923
	xi	1.32144	1.81368	1.12263	1.053716	0.49933	0.39745	0.37596	0.29718	0.4314	0.3366	0.3175	0.2402
ad2l	sig	9.98988	99.7976	9.99002	9.991474	9.89452	97.9017	9.89437	9.90401	9.0143	81.263	8.9984	9.056
	xi	1.54091	2.99497	1.0649	0.783866	1.48457	2.93862	0.89299	0.56917	1.333	2.3149	0.7942	0.4685
cm	sig	9.99226	99.8453	9.99226	9.993318	9.89297	97.871	9.89287	9.89899	8.9529	80.158	8.9464	8.9827
	xi	1.53597	2.42	1.37271	1.328403	*0.3616*	*0.1911*	*0.279*	*0.2255*	0.318	0.1707	0.243	0.1923
ks	sig	9.99681	99.9362	9.99681	9.997142	9.9595	99.1916	9.95948	9.96188	9.1243	83.254	9.1195	9.1392
	xi	3.00269	9.0162	3.00177	3.002526	1.94469	3.78204	1.93603	1.99169	0.5337	0.3129	0.4129	0.3515

Pot Scale 10

		-0.5				0				1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	12.1686	148.312	12.1673	12.15355	10.9959	121.274	10.9921	11.0128	**9.658**	**93.335**	9.6472	9.604
	xi	41.964	1825.91	41.8757	41.69291	63.6187	4653.54	62.7963	63.1096	349.25	145277	314.39	286.91
NLS-P	sig	9.15226	83.8678	9.1255	9.257475	7.47461	76.2494	5.54897	4.74545	2125	7E+06	1101.4	682.82
	xi	0.70582	0.67733	0.53384	0.403642	0.68382	0.66852	0.51692	0.40539	0.9519	1.2036	0.8077	0.7172
NLS-S	sig	7.11706	51.9007	7.0543	7.142948	5.51659	48.8767	4.32462	3.47018	413.06	479468	243.38	157.6
	xi	0.29453	0.17638	0.25111	0.222503	0.27607	0.11386	0.21924	0.17778	0.5861	0.4824	0.5261	0.5063
WNLS-P	sig	9.11941	83.276	9.09231	9.226302	7.65019	79.1523	5.55546	4.60232	2280.9	8E+06	1192	738.45
	xi	0.63439	0.58646	0.47924	0.357723	0.63134	0.60086	0.47519	0.36413	0.9297	1.1807	0.7952	0.7123
Zhang	sig	21.7672	479.443	21.7066	21.68206	36.5356	1340.57	36.2937	36.103	282.5	80284	273.82	264.95
	xi	1.05512	1.1473	1.0508	1.047651	0.62907	0.40824	0.61218	0.60904	0.6233	0.4034	0.5797	0.5777
lme	sig	7.25454	52.7462	7.22482	7.264225	2.21326	7.07031	1.77939	1.53755	18.672	461.53	**9.222**	**2.6249**
	xi	0.38136	0.21504	0.26283	0.1547	0.33593	0.20619	0.21633	0.12298	2.7993	7.8396	2.6206	2.893
mdpd	sig	6.63158	44.0173	6.53996	6.568594	2.76403	14.5031	1.95718	1.53987	85352	1E+10	2043.6	467.36
	xi	0.21088	0.08442	0.15854	0.144548	0.21503	0.08628	0.16377	0.13106	3.7522	14.134	1.0985	0.605
med	sig	6.86548	47.1359	6.80382	6.873807	2.68326	10.5965	2.07588	1.71245	110.55	12845	98.411	89.97
	xi	0.31033	0.15826	0.20842	0.150969	0.35922	0.18853	0.26587	0.20763	0.5543	0.421	0.4383	0.3849
mle	sig	6.53869	42.8387	6.48147	6.513773	2.91103	15.5643	2.16413	1.63447	85332	1E+10	1748.3	179.87
	xi	0.19229	*0.06375*	0.15934	0.147508	0.21825	0.08743	0.17201	0.13918	3.0304	17.417	0.5207	0.3317
moments	sig	6.79236	46.1383	6.73497	6.843166	2.17632	7.38483	1.61258	1.25585	44290	4E+09	1101.9	287.03
	xi	0.22088	0.08143	0.15841	0.124418	0.15771	0.04028	*0.1141*	*0.0856*	0.6087	0.3798	0.6009	0.5794
mple	sig	**6.53435**	**42.7858**	**6.47712**	**6.508713**	2.88496	15.3763	2.11482	1.53653	85332	1E+10	1792.1	202.94
	xi	0.19289	0.06384	0.15958	0.147566	0.20924	0.08057	0.15614	0.11672	0.5353	0.3251	0.5105	0.4788
pickands	sig	6.90746	47.7268	6.81388	6.964572	3.43304	17.1625	2.60063	2.16046	112.14	13199	94.962	83.249
	xi	0.49481	0.35426	0.39344	0.331179	0.51097	0.37852	0.40526	0.33959	0.6117	0.5387	0.4848	0.4067
pwmb	sig	6.81122	46.3934	6.75387	6.857241	2.28534	7.88487	1.73005	1.39317	2379.7	2E+07	165.23	119.37
	xi	0.22254	0.07381	0.17093	0.14082	0.17498	0.04685	0.13289	0.10606	0.3354	0.1358	0.2944	0.2776
pwmu	sig	6.84627	46.8716	6.78799	6.896982	2.25475	7.63338	1.7254	1.42474	126.15	16361	115.66	107.3
	xi	0.23002	0.08107	0.1774	0.147811	0.17452	0.04673	0.13396	0.1096	*0.3162*	*0.1172*	*0.2718*	*0.2546*
ad	sig	6.85188	46.9486	6.80039	6.861846	2.32349	8.12957	1.81277	1.51754	85352	1E+10	1982.9	402.22
	xi	0.21303	0.07961	0.16028	0.125172	0.22739	0.08417	0.1734	0.13895	0.8233	0.6892	0.7679	0.8712
adr	sig	6.80305	46.287	6.75181	6.819664	2.29247	8.10723	1.76808	1.4553	85353	1E+10	2031.9	458.32

	xi	*0.18127*	5.89801	0.14095	0.113952	0.19608	0.13902	0.15404	0.1268	0.8454	2E+07	0.8165	0.8904
ad2r	sig	6.70736	45.012	6.65665	6.734254	2.73628	11.7919	1.99066	1.52172	85353	1E+10	1191.5	484.15
	xi	0.19426	0.07728	*0.14001*	*0.11282*	6.35949	60.8557	0.73828	0.12895	47.555	3859.4	28.546	11.225
adl	sig	6.81586	46.4567	6.735	6.83911	2.86697	12.3209	2.20501	1.8175	85349	1E+10	1908.8	240.49
	xi	0.39899	0.27127	0.296	0.226084	0.39971	0.25748	0.30244	0.23956	363.93	265572	22.335	2.3484
ad2l	sig	7.08822	50.2557	6.94712	7.047291	4.24051	26.3889	3.13372	2.5578	19067	7E+08	1755.7	133.26
	xi	1.30413	2.16811	0.75675	0.436096	1.31117	2.19596	0.76988	0.46392	4197.4	6E+07	237.49	2.1039
cm	sig	6.78021	45.9743	6.71263	6.801831	2.55577	9.53063	1.98352	1.6433	85350	1E+10	1971.5	338.3
	xi	0.2913	0.1389	0.22264	0.176603	0.29273	0.13057	0.22818	0.18519	14.065	268	5.3875	1.9502
ks	sig	6.9323	48.061	6.88661	6.963164	**1.55391**	**3.35987**	**1.20424**	**0.9899**	85353	1E+10	2084.4	506.88
	xi	0.30298	0.12635	0.24596	0.22313	***0.1574***	***0.0364***	0.12136	0.10019	4.5906	25.736	2.9284	2.638

Pot Scale 10													
		2				3				5			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	8.62779	**74.4538**	8.61453	8.615423	7.63458	58.3005	7.6112	7.6291	**5.6975**	**32.496**	**5.6258**	**5.6648**
	xi	3311.63	1.5E+07	2623.89	2326.411	48547.6	5.6E+09	26293.3	21036.3	1E+08	1E+17	5E+06	2E+06
NLS-P	sig	309251	2.6E+11	60944.8	37868.75	5402996	1.2E+14	230569	9.9	23.819	1923.5	10.103	9.9
	xi	1.19523	1.70206	1.07816	1.010825	2.39059	5.71805	2.37286	2.40813	4.4963	20.216	4.4962	4.5
NLS-S	sig	418308	1.2E+12	30710	4333.881	4.5E+08	1.5E+18	1.5E+07	158686	1E+14	8E+28	2E+12	2E+08
	xi	1.01213	1.41565	0.91721	0.894764	1.45586	2.91426	1.32054	1.30976	2.279	7.0197	2.06	2.0585
WNLS-P	sig	330024	2.8E+11	68377.4	40430.11	5643521	1.2E+14	250655	9.9	23.979	1962.6	10.105	9.9
	xi	1.18096	1.68602	1.07247	1.003813	2.38963	5.71349	2.372	2.40813	4.4964	20.218	4.4964	4.5
Zhang	sig	2795.31	8275839	2497.99	2270.952	41431.9	3.2E+09	25529.2	20795.2	1E+08	2E+17	6E+06	2E+06
	xi	*0.70622*	*0.53019*	0.63179	0.613949	*0.7971*	*0.7012*	*0.695*	0.66217	*1.0169*	*1.2262*	*0.8579*	*0.7895*
lme	sig	**7.89568**	175.38	**1.74978**	**0.704113**	**4.17424**	**30.4119**	**2.40201**	**2.21361**	8.3691	70.044	8.2543	8.1979
	xi	5.31495	28.2494	5.27617	5.290873	7.50175	56.2763	7.4639	7.44858	11.835	140.07	11.776	11.742
mdpd	sig	8.7E+13	3.3E+28	8.7E+11	417189.8	3.7E+19	2.7E+39	4.6E+17	2.3E+09	5E+35	1E+72	5E+33	2E+17
	xi	48.1134	3548.12	24.2509	14.42468	103.306	16489.5	59.203	49.634	259.45	108880	80.836	67.788
med	sig	1544.31	3046553	1.7E+07	137528.7	26827	1.7E+09	14459.1	10153.7	4E+07	1E+16	6E+06	1E+06
	xi	0.74092	0.74679	0.69261	0.621338	0.92011	1.15183	0.73748	*0.6353*	1.2365	2.1237	1.0147	0.8874
mle	sig	2.7E+08	1.8E+17	1.1E+07	180394.6	1.6E+11	1.7E+23	1.6E+11	1.6E+11				
	xi	22.4238	833.235	6.90942	1.083222	43.6839	5103.58	39.0362	39.0362				

moments	sig	4.3E+13	8.3E+27	2.9E+11	186420	1.9E+19	7.3E+38	2.4E+17	1.1E+09	3E+35	3E+71	3E+33	9E+16
	xi	1.54418	2.38709	1.51694	1.504353	2.52931	6.39862	2.52904	2.52041	4.521	20.44	4.521	4.5151
mple	sig	1.5E+07	3.5E+14	1.4E+11	248686.7	1.9E+11	2E+23	1.8E+11	1.8E+11	8E+10	7E+21	8E+10	8E+10
	xi	1.47947	2.2101	1.50403	1.490877	2.46339	6.09676	2.46191	2.46191	4.5273	20.5	4.5273	4.5273
pickands	sig	1625.74	3390176	1147.91	897.1033	35052.3	3.1E+09	14448.3	8877.66	2E+09	3E+19	3E+07	855838
	xi	0.78913	0.91091	***0.62043***	***0.516593***	0.99298	1.44133	0.77691	0.64122	1.4991	3.2938	1.1672	0.9689
pwmb	sig	1E+11	5.6E+22	1E+09	5963.25	8.5E+17	2.5E+36	9E+15	4730833	3E+33	3E+67	3E+31	2E+14
	xi	1.10208	1.22475	1.0971	1.071574	2.05677	4.23466	2.05558	2.03868	4.0353	16.286	4.0351	4.0237
pwmu	sig	155713	4.5E+10	9776.32	3996.481	1.1E+10	3.4E+20	2.1E+08	1290355	7E+21	2E+44	8E+19	8E+12
	xi	1.08076	1.17379	1.07564	1.050256	2.03581	4.1462	2.03461	2.01796	4.0147	16.118	4.0145	4.0033
ad	sig	8.7E+13	3.3E+28	8.7E+11	417189.8	3.7E+19	2.7E+39	4.6E+17	2.3E+09	5E+35	1E+72	5E+33	2E+17
	xi	1.90334	3.63378	1.90005	1.923032	2.86135	8.21148	2.85812	2.88993	4.8241	23.314	4.8217	4.8419
adr	sig	8.7E+13	3.3E+28	8.7E+11	417189.8	3.7E+19	2.7E+39	4.6E+17	2.3E+09	5E+35	1E+72	5E+33	2E+17
	xi	1.84837	2.7E+28	1.84341	1.865515	2.81001	6.7E+36	2.80629	2.83893	4.7753	8E+69	4.7733	4.7758
ad2r	sig	8.7E+13	3.3E+28	2.9E+09	411300.4	3.7E+19	2.7E+39	5.2E+19	2E+09	5E+35	1E+72	4E+42	2E+17
	xi	40.8896	4012.34	28.4101	21.54869	36.6184	3864.89	26.9048	22.1741	32.638	3575.7	26.808	24.87
adl	sig	8.7E+13	3.3E+28	8.7E+11	417189.7	3.7E+19	2.7E+39	4.6E+17	2.3E+09	5E+35	1E+72	5E+33	2E+17
	xi	154076	1.5E+11	2045.65	209.3964	177095	2.2E+11	2275.58	59.2705	46913	4E+09	1282.5	15.869
ad2l	sig	1.9E+09	7E+18	8.7E+11	404858	1.4E+17	9.3E+34	4.6E+17	2.3E+09	2E+30	2E+61	5E+33	2E+17
	xi	4.7E+07	1.5E+16	4306272	6153.83	1.9E+08	5.6E+16	1.3E+07	315202	3E+07	4E+15	2E+06	282.27
cm	sig	8.7E+13	3.3E+28	8.7E+11	417189.8	3.7E+19	2.7E+39	4.6E+17	2.3E+09	5E+35	1E+72	5E+33	2E+17
	xi	141.49	34774.2	43.8481	28.58331	499.965	1032566	31.5106	12.267	193.83	95081	15.222	7.5798
ks	sig	8.7E+13	3.3E+28	8.7E+11	417189.8	3.7E+19	2.7E+39	4.6E+17	2.3E+09	5E+35	1E+72	5E+33	2E+17
	xi	291.531	209850	13.581	2.374556	618.688	1355103	27.0704	3.08615	346.48	241999	15.578	5.0052

q = 0.95 Pot Scale 1													
		-3				-2				-1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	11.8891	141.35	11.8834	11.89623	8.91845	79.5433	8.91027	8.90405	5.2519	27.668	5.2475	5.2404
	xi	6.62893	43.9428	6.6278	6.63209	5.95818	35.501	5.95511	5.952	5.2456	27.598	5.2412	5.234
NLS-P	sig	0.99793	0.99587	0.99782	1	0.99996	0.99992	0.99996	0.99998	0.9953	0.9906	0.9953	0.9962
	xi	1.45534	3.07817	1.26481	1.181495	1.05511	1.59732	0.89123	0.79779	0.8014	0.874	0.6413	0.5302
NLS-S	sig	0.99991	0.99982	0.99991	0.999913	0.99786	0.99573	0.99786	0.99794	0.9544	0.9112	0.9543	0.9556

	xi	1.38213	2.40474	1.02042	0.755083	0.53588	0.63406	0.46732	0.43228	0.3123	0.1903	0.2681	0.2384
WNLS-P	sig	0.99791	0.99583	0.99781	1	0.99996	0.99992	0.99996	0.99998	0.9952	0.9903	0.9951	0.996
	xi	1.40487	2.8956	1.23089	1.16646	0.98974	1.44875	0.84974	0.78696	0.7189	0.7434	0.5774	0.4851
Zhang	sig	0.4187	0.2863	0.4187	0.418707	0.89362	1.19252	**0.89354**	**0.89385**	1.9847	4.3517	1.9839	1.9857
	xi	1.32475	2.66807	1.32475	1.324771	1.74063	4.58302	1.74059	1.74109	1.8558	4.0207	1.855	1.8567
lme	sig	0.99996	0.99993	0.99996	0.999967	0.9991	0.9982	0.9991	0.99914	0.9748	0.9503	0.9748	0.9751
	xi	3.00004	9.00022	3.00004	3.000033	2.00006	4.00025	1.99994	2.00085	1.0244	1.0495	1.0244	1.024
mdpd	sig					0.99799	0.99599	0.99799	0.99799	0.9619	0.9253	0.9619	0.9626
	xi					1.37143	1.88082	1.36846	1.36846	0.2633	0.0697	0.2523	0.2486
med	sig	0.99991	0.99982	0.99991	0.99992	0.99788	0.99576	0.99788	0.99799	0.9494	0.9014	0.9493	0.9502
	xi	1.85002	3.43237	1.80975	1.962622	0.90727	0.82422	0.86886	0.94636	0.2909	0.1346	0.1601	*0.0899*
mle	sig	0.99996	0.99993	0.99996	0.999967	0.9991	0.9982	0.9991	0.99914	0.9616	0.9246	0.9615	0.9635
	xi	3	9	3	3	1.99999	3.99997	1.99999	2	0.3256	0.1076	0.2851	0.2702
moments	sig	0.99982	0.99964	0.99982	0.999867	0.99705	**0.99411**	0.99705	0.99742	**0.9467**	**0.8963**	**0.9465**	0.9496
	xi	3.13384	39.273	1.16826	0.650842	1.06093	2.73297	0.59386	0.40869	0.3846	0.2603	0.2676	0.204
mple	sig	0.99996	0.99993	0.99996	0.999967	0.9991	0.9982	0.9991	0.99914	0.9615	0.9246	0.9614	0.9634
	xi	3	9	3	3	1.99999	3.99997	1.99999	2	0.3271	0.108	0.285	0.2689
pickands	sig	0.99986	0.99971	0.99986	0.999875	0.99733	0.99467	0.99733	0.99753	0.949	0.9006	0.9488	0.9513
	xi	0.69477	0.6887	0.55202	0.466142	0.57006	0.46909	0.45291	0.38141	0.498	0.3577	0.3951	0.3315
pwmb	sig	0.99985	0.9997	0.99985	0.999872	0.99724	0.99448	0.99724	0.99747	0.9477	0.8981	0.9475	0.9499
	xi	0.88194	1.1738	0.6531	0.529438	0.56765	0.47911	0.42894	0.35172	0.319	0.1511	0.2448	0.2007
pwmu	sig	0.99984	0.99969	0.99984	0.99987	0.99719	0.99439	0.99719	0.99746	0.9478	0.8983	0.9476	0.9502
	xi	1.12506	2.43557	0.74664	0.558522	0.64575	0.69617	0.4661	0.36897	0.3377	0.1776	0.2572	0.2108
ad	sig	0.99995	0.99991	0.99995	0.999959	0.9989	0.9978	0.9989	0.9991	0.9515	0.9054	0.9514	0.9525
	xi	2.98519	8.91228	2.97886	2.999943	1.90198	3.62358	1.88063	1.99854	0.2293	0.0774	0.1736	0.1398
adr	sig	0.99996	0.99992	0.99996	0.999962	0.99897	0.99793	0.99897	0.99912	0.951	0.9045	0.951	0.952
	xi	2.99856	8.99135	2.9982	2.999999	1.9156	3.67459	1.90361	2	0.197	0.0529	0.1564	0.1326
ad2r	sig	0.99996	0.99992	0.99996	0.999962	0.99903	0.99805	0.99902	0.99913	0.9534	0.909	0.9533	0.9542
	xi	2.99065	8.94405	2.98881	3	1.9455	3.78734	1.93699	1.9998	0.2155	0.0518	0.1779	0.1588
adl	sig	0.99995	0.9999	0.99995	0.999954	0.99838	0.99676	0.99838	0.99896	0.947	0.8969	0.9468	0.9491
	xi	2.98125	8.91625	2.95757	3.02524	1.61891	2.78022	1.46408	1.78805	0.4308	0.3277	0.3202	0.2434
ad2l	sig	0.99994	0.99988	0.99994	0.999943	0.99803	0.99607	0.99803	0.99861	0.9494	0.9013	0.949	0.9522
	xi	2.87862	8.30952	2.83708	2.999933	1.50273	2.78904	1.31302	1.39144	1.2396	2.0257	0.7605	0.4709
cm	sig	0.99996	0.99992	0.99996	0.999962	0.99869	0.99737	0.99869	0.99913	0.9469	0.8967	0.9468	0.9486

	xi	2.99895	8.99368	2.99856	2.999994	1.81118	3.29665	1.72218	1.99949	0.3179	0.1684	0.2449	0.1962
ks	sig	0.99996	0.99993	0.99996	0.999967	0.99905	0.99811	0.99905	0.99914	0.97	0.9408	0.9699	0.971
	xi	3	9	3	3	2.0015	4.00601	2.00135	2	0.933	0.871	0.918	0.9581

q = 0.95 Pot Scale 1													
		-0.5				0				1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	3.48871	12.3741	3.48431	3.47041	2.09774	4.75349	2.08273	2.08359	**0.7372**	**0.6488**	**0.6587**	**0.6195**
	xi	5.32114	28.9047	5.31312	5.294225	7.7429	67.0339	7.68264	7.72226	69.671	5627.9	63.151	58.294
NLS-P	sig	0.93828	0.88093	0.93688	0.946934	0.73181	0.73049	0.54748	0.47301	464.71	380605	224.84	136.17
	xi	0.71912	0.69622	0.54893	0.424029	0.67433	0.64174	0.51315	0.39692	0.954	1.2068	0.8092	0.7179
NLS-S	sig	0.79239	0.6342	0.78921	0.796905	0.56528	0.51762	0.43954	0.35241	108.97	42460	50.187	32.497
	xi	0.24864	0.09767	0.20137	0.168057	0.28575	0.12083	0.23769	0.21874	0.5925	0.4938	0.532	0.5102
WNLS-P	sig	0.93546	0.8757	0.93406	0.944422	0.74959	0.76633	0.54739	0.45722	495.58	419198	243.3	146.99
	xi	0.6529	0.60396	0.4955	0.372035	0.61967	0.57402	0.46945	0.36074	0.9305	1.1826	0.7958	0.713
Zhang	sig	2.74342	7.6512	2.7394	2.738153	4.80145	23.1482	4.77749	4.75876	59.216	3526.9	57.472	55.597
	xi	1.31716	1.80125	1.31436	1.312009	0.7139	0.52352	0.69763	0.69611	0.6341	0.4169	0.5911	0.5926
lme	sig	0.86071	0.74082	0.8605	0.861055	**0.20665**	**0.06042**	**0.16134**	0.13462	20.761	432.68	19.342	18.384
	xi	0.6007	0.36086	0.60029	0.599026	*0.1455*	*0.0292*	0.11716	0.10122	0.3618	0.2201	*0.2674*	0.2042
mdpd	sig	0.76006	0.57792	0.75801	0.75966	0.32102	0.22226	0.2144	0.16168	15379	5E+08	352.78	65.741
	xi	***0.17354***	***0.04927***	0.14531	0.140492	0.23018	0.10389	0.17434	0.13854	4.462	19.922	1.1513	0.445
med	sig	0.77548	0.6014	0.77266	0.777258	0.27039	0.10787	0.20909	0.1727	23.19	563.91	20.795	19.07
	xi	0.29975	0.14495	0.20516	0.150759	0.35629	0.18821	0.26329	0.20573	0.5507	0.4136	0.4358	0.3814
mle	sig	0.75598	0.57183	0.75382	0.756069	0.30102	0.17081	0.22202	0.16603	15368	5E+08	271.1	20.544
	xi	0.17843	0.05162	0.14944	0.143048	0.22134	0.09137	0.17423	0.1407	2.8628	16.338	0.3999	*0.1991*
moments	sig	0.76988	0.59278	0.76682	0.775395	0.22291	0.07849	0.16455	**0.12803**	8155.5	1E+08	210.21	58.476
	xi	0.22502	0.0855	0.16139	0.125741	0.16078	0.04241	*0.1159*	0.08611	0.6081	0.3789	0.6007	0.5798
mple	sig	**0.75544**	**0.57103**	**0.75323**	**0.75589**	0.29896	0.16964	0.21719	0.15591	15371	5E+08	286.85	25.975
	xi	0.18079	0.05249	0.1504	0.142828	0.21198	0.08374	0.1582	0.11917	0.4359	0.2427	0.4142	0.3857
pickands	sig	0.77736	0.60432	0.77282	0.783564	0.34599	0.17342	0.26159	0.21703	23.606	585.46	20.132	17.716
	xi	0.49229	0.35252	0.3911	0.330119	0.51006	0.37691	0.40379	0.33757	0.612	0.5422	0.485	0.4044
pwmb	sig	0.77128	0.59491	0.76835	0.776179	0.23367	0.08343	0.17591	0.14045	700.25	2E+06	36.127	24.886
	xi	0.22597	0.07691	0.1734	0.141987	0.17783	0.04879	0.13462	0.10709	0.3351	0.1352	0.2947	0.2787

pwmu	sig	0.77368	0.59859	0.77065	0.778861	0.23024	0.08052	0.17502	0.14269	26.299	710.04	24.212	22.508
	xi	0.23321	0.08415	0.17948	0.148889	0.17715	0.04852	0.13535	0.11076	0.3157	0.1166	0.2722	0.2557
ad	sig	0.7747	0.60019	0.77227	0.776702	0.23603	0.08475	0.18334	0.15173	15380	5E+08	347.62	63.082
	xi	0.21192	0.07824	0.16016	0.125872	0.22995	0.08696	0.17464	0.13856	0.7108	0.5448	0.6186	0.5967
adr	sig	0.77153	0.59533	0.76914	0.773828	0.23601	0.08801	0.18034	0.14573	15380	5E+08	359.84	65.75
	xi	0.18201	0.05718	0.1416	0.114684	0.19971	0.0653	0.15588	0.12765	0.6886	0.5153	0.6075	0.6077
ad2r	sig	0.78086	0.61079	0.76191	0.767339	1.57399	5.56984	0.35306	0.15681	2061.5	5E+06	228.79	89.244
	xi	0.1833	0.06159	0.14111	0.11325	6.01165	54.1707	0.7488	0.13128	46.826	3739.6	28.235	11.465
adl	sig	0.77028	0.5934	0.76597	0.774582	0.30335	0.14537	0.22822	0.18393	15378	5E+08	332.18	22.838
	xi	0.40516	0.28538	0.30096	0.229251	0.41224	0.28064	0.31066	0.24289	345.05	204556	18.92	0.4699
ad2l	sig	0.78571	0.61739	0.7781	0.787932	0.43591	0.27755	0.32141	0.25719	12237	4E+08	238.86	21.797
	xi	1.27596	2.05452	0.74465	0.44625	1.29902	2.08458	0.76525	0.46604	4780.3	5E+07	133.38	1.4475
cm	sig	0.7687	0.59097	0.76531	0.772299	0.27382	0.11623	0.207	0.16672	15379	5E+08	338.14	28.493
	xi	0.29361	0.14339	0.22463	0.179398	0.30508	0.14673	0.23536	0.18845	13.205	244.53	3.9424	0.5237
ks	sig	0.7992	0.63874	0.79767	0.802509	0.24435	0.08845	0.18133	0.14342	15380	5E+08	392.78	102.31
	xi	0.33574	0.12063	0.28698	0.281965	0.22057	0.06875	0.14591	0.08189	4.4396	21.963	2.9033	2.626

q = 0.95 Pot Scale 1													
		2				3				5			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	**0.59858**	**0.39015**	**0.50501**	**0.455704**	**1.51584**	**2.30243**	**1.41497**	1.37513	3.5018	12.265	3.3824	3.3376
	xi	1288.24	2091757	1054.65	934.4012	29643.9	1.3E+09	20936.2	16844.9	6E+07	2E+16	1E+07	6E+06
NLS-P	sig	137338	5.4E+10	32323.8	18577.9	4.6E+07	1.6E+16	645676	**0.9**	**0.9**	**0.81**	**0.9**	**0.9**
	xi	1.23871	1.88603	1.09888	1.011348	2.38328	5.68434	2.35974	2.40813	4.4985	20.237	4.4985	4.5
NLS-S	sig	110943	8E+10	11983.2	1734.988	1.8E+08	1.9E+17	1E+07	130738	8E+13	5E+28	2E+12	6E+08
	xi	1.01414	1.42794	0.9199	0.897801	1.45452	2.90506	1.31912	1.30444	2.2617	6.874	2.0427	2.0452
WNLS-P	sig	151511	6.2E+10	36961.1	20074.14	4.6E+07	1.6E+16	666405	**0.9**	**0.9**	**0.81**	**0.9**	**0.9**
	xi	1.22764	1.88504	1.09771	1.007941	2.38198	5.67816	2.35848	2.40813	4.4986	20.237	4.4986	4.5
Zhang	sig	1118.15	1312833	1007.47	916.27	27690.4	1E+09	20419	16653.4	8E+07	4E+16	1E+07	6E+06
	xi	*0.70716*	*0.53073*	0.63274	0.616306	*0.7951*	*0.6968*	*0.6935*	0.66207	*1.0124*	*1.2151*	*0.854*	*0.7888*
lme	sig	24.2696	834.021	13.6957	8.712702	12.3314	159.004	11.298	11.0814	18.268	333.72	18.218	18.171
	xi	4.19459	17.5966	4.10138	4.196633	7.27192	52.8809	7.23158	7.22177	13.008	169.21	12.954	12.922
mdpd	sig	8.7E+12	3.3E+26	9E+10	163532.9	7.6E+18	9.8E+37	1E+17	1.9E+09	2E+37	4E+75	2E+35	6E+17

	xi	37.174	1655.27	24.132	14.39848	156.609	61695.3	60.3687	49.8051	302.89	180469	80.838	66.157
med	sig	617.136	478148	484.482	400.5917	20607.5	8.8E+08	11694.8	8148.41	8E+07	4E+16	1E+07	4E+06
	xi	0.74189	0.75191	*0.59189*	0.513142	0.91949	1.15214	0.73703	*0.639*	1.1646	1.8365	0.9381	0.8088
mle	sig	2.1E+08	1.2E+17	1.3E+07	110075.9	3.6E+10	7.9E+21	3.6E+10	3.6E+10	4E+10	2E+21	4E+10	4E+10
	xi	24.6115	1123.31	8.05807	1.190602	1.54684	2.83834	1.52764	1.52764	3.6044	12.992	3.6044	3.6044
moments	sig	4.3E+12	8.3E+25	4.5E+10	82591.27	4E+18	2.8E+37	5.2E+16	9.3E+08	1E+37	9E+74	1E+35	3E+17
	xi	1.54389	2.38613	1.54289	1.530387	2.52924	6.39827	2.52899	2.52036	4.521	20.44	4.5209	4.5151
mple	sig	5.7E+07	1.1E+16	8111190	125209.8	4.4E+10	9.5E+21	4.4E+10	4.4E+10	2E+11	1E+23	2E+11	2E+11
	xi	1.47814	2.20518	1.47628	1.46297	2.51667	6.35079	2.51631	2.51631	4.5436	20.647	4.5436	4.5436
pickands	sig	669.035	591429	466.757	363.5224	27538.4	2E+09	11631.7	7086.93	3E+08	7E+17	2E+07	3E+06
	xi	0.78354	0.8952	0.61589	*0.512063*	0.99299	1.43849	0.77787	0.6453	1.4908	3.2599	1.1597	0.9549
pwmb	sig	1E+10	5.6E+20	1.1E+08	2384.952	3E+17	3.7E+35	3.3E+15	3799907	2E+34	2E+69	2E+32	6E+14
	xi	1.10179	1.22395	1.09693	1.071854	2.05656	4.23372	2.05542	2.03855	4.0352	16.284	4.035	4.0237
pwmu	sig	80981.8	1E+10	4201.21	1602.218	4.4E+10	1.2E+22	5.5E+08	1053585	6E+23	3E+48	6E+21	3E+13
	xi	1.08045	1.173	1.07547	1.050533	2.03558	4.14525	2.03445	2.01783	4.0145	16.117	4.0144	4.0033
ad	sig	8.7E+12	3.3E+26	9E+10	163511.6	7.6E+18	9.8E+37	1E+17	1.9E+09	2E+37	4E+75	2E+35	6E+17
	xi	1.89981	3.62104	1.89586	1.920828	2.86077	8.20834	2.85753	2.88989	4.8241	23.315	4.8218	4.8423
adr	sig	8.7E+12	3.3E+26	9E+10	163532.9	7.6E+18	9.8E+37	1E+17	1.9E+09	2E+37	4E+75	2E+35	6E+17
	xi	1.84702	3.43589	1.84199	1.86412	2.80934	7.93605	2.80566	2.83819	4.7756	22.876	4.7737	4.7767
ad2r	sig	5.5E+10	1E+22	7.7E+08	159577.5	1.5E+21	1.1E+43	1.5E+19	1.6E+09	9E+43	3E+88	9E+41	6E+17
	xi	41.0489	3992.59	28.0702	21.05936	36.7542	3852.61	27.1834	22.2625	32.703	3566.4	26.576	24.772
adl	sig	8.7E+12	3.3E+26	9E+10	163531.6	7.6E+18	9.8E+37	1E+17	1.9E+09	2E+37	4E+75	2E+35	6E+17
	xi	23626	1.5E+09	829.135	208.579	11663.7	1.5E+08	654.388	58.6294	18110	4E+08	893.83	15.911
ad2l	sig	8.7E+12	3.3E+26	9E+10	145511.6	7.6E+18	9.8E+37	1E+17	1.9E+09	2E+37	4E+75	2E+35	6E+17
	xi	1.3E+08	3.2E+16	2444088	6029.423	2.8E+08	8.5E+16	1.1E+07	287932	8E+07	3E+16	2E+06	304.08
cm	sig	8.7E+12	3.3E+26	9E+10	163532.9	7.6E+18	9.8E+37	1E+17	1.9E+09	2E+37	4E+75	2E+35	6E+17
	xi	139.953	49271.7	43.7988	28.5459	291.407	136396	27.5677	12.2083	190.12	57206	15.687	7.5665
ks	sig	8.7E+12	3.3E+26	9E+10	163532.9	7.6E+18	9.8E+37	1E+17	1.9E+09	2E+37	4E+75	2E+35	6E+17
	xi	167.058	69773.7	9.8252	2.379216	1065.89	4168535	35.0685	3.08602	385.38	224297	16.605	5.005

q = 0.95 Pot Scale 10				
		-3	-2	-1

Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	20.8866	436.251	20.8834	20.89623	17.9144	320.928	17.9103	17.9041	14.249	203.12	14.247	14.24
	xi	39.2971	1544.27	39.278	39.3209	41.595	1730.26	41.5511	41.52	43.465	1897.4	43.412	43.34
NLS-P	sig	9.99961	99.9923	9.99961	9.999999	9.9997	99.994	9.9997	9.9998	9.953	99.062	9.9529	9.9618
	xi	1.41218	2.91427	1.22953	1.154038	1.05484	1.59869	0.89241	0.79942	0.8062	0.8831	0.6468	0.5377
NLS-S	sig	9.99911	99.9822	9.99911	9.999131	9.97853	99.5711	9.97853	9.97929	9.5537	91.301	9.5528	9.569
	xi	1.39994	2.42364	1.02364	0.746844	0.53185	0.63224	0.46699	0.43307	0.3099	0.1908	0.2663	0.2371
WNLS-P	sig	9.99961	99.9922	9.99961	9.999999	9.9997	99.994	9.9997	9.99979	9.9512	99.026	9.9511	9.9592
	xi	1.35477	2.71701	1.1931	1.139086	0.99235	1.4597	0.85279	0.78913	0.7245	0.7556	0.5827	0.4854
Zhang	sig	4.18701	28.6298	4.187	4.187073	8.93625	119.252	8.93538	8.93849	19.847	435.17	19.839	19.857
	xi	1.32475	2.66807	1.32475	1.324771	1.74063	4.58302	1.74059	1.74109	1.8558	4.0207	1.855	1.8567
lme	sig	9.99963	99.9927	9.99963	9.999673	9.99107	99.8215	9.99107	9.99146	9.772	95.492	9.7719	9.7739
	xi	3.00032	9.00194	3.00032	3.000327	2.00884	4.03542	2.00883	2.00848	1.1705	1.3701	1.17	1.168
mdpd	sig	9.99855	99.9709	9.99855	9.998546	9.98845	99.7692	9.98845	9.98895	9.548	91.164	9.5466	9.5583
	xi	2.34645	5.50585	2.34645	2.346454	1.21136	1.46801	1.20869	1.19646	0.27	0.0755	*0.1342*	0.1076
med	sig	9.9991	99.9819	9.9991	9.9992	9.97875	99.5755	9.97875	9.97995	9.4948	90.151	9.4936	9.5027
	xi	1.84985	3.43183	1.80966	1.962442	0.90591	0.8219	0.86825	0.94629	0.3486	0.1737	0.1704	*0.0944*
mle	sig	9.99963	99.9927	9.99963	9.999673	9.98926	99.7853	9.98926	9.98957	9.5387	90.988	9.5379	9.5473
	xi	2.99999	8.99995	2.99999	3	1.48264	2.20758	1.44414	1.28655	0.1933	0.0426	0.1347	0.1072
moments	sig	9.99821	99.9642	9.99821	9.998674	9.97052	99.4113	9.97048	9.97424	**9.4672**	**89.631**	**9.4647**	9.4962
	xi	3.13384	39.273	1.16826	0.650842	1.06093	2.73297	0.59386	0.40869	0.3846	0.2603	0.2676	0.204
mple	sig	9.99963	99.9927	9.99963	9.999673	9.98934	99.7869	9.98934	9.98974	9.5406	91.023	9.5399	9.5505
	xi	2.99999	8.99994	2.99999	3	1.4801	2.19934	1.44188	1.27949	*0.1862*	*0.0362*	0.1354	0.1085
pickands	sig	9.99856	99.9712	9.99856	9.998751	9.9733	99.4666	9.97329	9.97532	9.4898	90.057	9.4879	9.5133
	xi	0.69477	0.6887	0.55202	0.466142	0.57006	0.46909	0.45291	0.38141	0.498	0.3577	0.3951	0.3315
pwmb	sig	9.99849	99.9698	9.99849	9.998723	9.97238	99.4483	9.97237	9.97474	9.4769	89.813	9.4752	9.4993
	xi	0.88194	1.1738	0.6531	0.529438	0.56765	0.47911	0.42894	0.35172	0.319	0.1511	0.2448	0.2007
pwmu	sig	9.99843	99.9685	9.99843	9.998697	9.97191	99.439	9.9719	9.97455	9.4776	89.826	9.4757	9.5018
	xi	1.12506	2.43557	0.74664	0.558522	0.64575	0.69617	0.4661	0.36897	0.3377	0.1776	0.2572	0.2108
ad	sig	9.99956	99.9912	9.99956	9.999621	9.98047	99.6099	9.98047	9.98176	9.4885	90.033	9.4873	9.5001
	xi	3.01423	9.09239	3.00041	2.999505	0.71054	0.5074	0.65371	0.62547	0.2358	0.0961	0.1804	0.1455
adr	sig	9.99959	99.9919	9.99959	9.999654	9.98121	99.6245	9.9812	9.98241	9.4817	89.903	9.4805	9.4942
	xi	2.99136	8.94899	2.98838	2.999602	0.77774	0.60851	0.72215	0.68303	0.2086	0.0721	0.1653	0.1376
ad2r	sig	9.99961	99.9921	9.99961	9.999655	9.9829	99.6584	9.9829	9.98396	9.4743	89.764	9.4731	**9.4867**

	xi	2.98959	8.93798	2.98709	2.999934	0.93679	0.87866	0.88653	0.83308	0.2035	0.0677	0.1654	0.1455
adl	sig	9.99954	99.9907	9.99954	9.999632	9.97324	99.4654	9.97323	9.97501	9.4708	89.698	9.4687	9.4917
	xi	3.0418	9.26325	3.01866	2.999122	0.49727	0.35063	0.36654	0.28151	0.4333	0.3384	0.3199	0.2415
ad2l	sig	9.99946	99.9892	9.99946	9.999574	9.97299	99.4606	9.97298	9.97572	9.494	90.138	9.4894	9.5221
	xi	3.06472	9.41324	3.02998	2.967246	1.40095	2.52573	0.88382	0.56437	1.3732	2.4697	0.7895	0.4677
cm	sig	9.99957	99.9914	9.99957	9.99965	9.97441	99.4889	9.9744	9.9762	9.4696	89.674	9.4679	9.4871
	xi	2.9813	8.89019	2.97182	2.999775	0.43297	0.24701	0.33207	0.27077	0.3231	0.179	0.2466	0.195
ks	sig	9.99963	99.9925	9.99963	9.999673	9.98998	99.7997	9.98998	9.99068	9.6007	92.174	9.5997	9.6103
	xi	3.00025	9.00147	3.00024	3	1.98109	3.92493	1.97466	2.01246	0.6666	0.4531	0.5523	0.4909

q = 0.95 Pot Scale 10													
		-0.5				0				1			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	12.5171	156.912	12.5158	12.50187	11.1218	124.099	11.1185	11.121	**9.6704**	**93.575**	9.6595	9.6193
	xi	49.3154	2501.89	49.2305	49.04293	79.7905	7249.44	79.0683	79.5184	717.2	608844	647.56	592.06
NLS-P	sig	9.39141	88.2522	9.37798	9.47463	7.41009	74.3242	5.53021	4.75511	3891.9	2E+07	2136.4	1355.7
	xi	0.70854	0.67986	0.53819	0.410273	0.67438	0.64764	0.50973	0.40173	0.9481	1.1894	0.8032	0.716
NLS-S	sig	7.92781	63.5046	7.89602	7.977617	5.48842	48.0558	4.31489	3.46903	1081.9	4E+06	496.26	323.09
	xi	0.2951	0.16416	0.24737	0.218428	0.27464	0.1116	0.21821	0.17757	0.5856	0.4791	0.525	0.5043
WNLS-P	sig	9.3668	87.7953	9.35315	9.448821	7.59755	77.7743	5.54135	4.60702	4201.4	3E+07	2319.3	1463.2
	xi	0.63783	0.59011	0.48318	0.362436	0.6223	0.579	0.46829	0.3603	0.9239	1.1645	0.789	0.7106
Zhang	sig	27.4342	765.12	27.394	27.38153	48.0145	2314.82	47.7749	47.5876	592.16	352690	574.72	555.97
	xi	1.31716	1.80125	1.31436	1.312009	0.7139	0.52352	0.69763	0.69611	0.6341	0.4169	0.5911	0.5926
lme	sig	8.11701	65.9367	8.10502	8.141779	2.23059	7.19	1.79301	1.55654	9.9606	174.03	**4.449**	**2.744**
	xi	0.39354	0.20496	0.28573	0.199059	0.34456	0.21738	0.22168	0.12498	3.8812	15.065	3.824	3.9047
mdpd	sig	7.59562	57.7204	7.54851	7.565851	2.87567	16.4289	1.99036	1.55792	153805	5E+10	3919.1	1018.7
	xi	0.23575	0.1177	0.16267	0.145539	0.22131	0.09519	0.16561	0.13202	3.7383	14.066	1.0974	0.6155
med	sig	7.75422	60.1313	7.72572	7.772332	2.71182	10.8356	2.09749	1.7325	231.72	56289	207.78	190.56
	xi	0.30456	0.15102	0.20601	0.150568	0.35861	0.18923	0.26559	0.20774	0.552	0.4157	0.4366	0.3817
mle	sig	7.52641	56.7048	7.50073	7.526229	2.96781	16.3651	2.20289	1.65978	153788	5E+10	3514.6	595.6
	xi	0.19439	0.06526	0.16145	0.148275	0.21991	0.08966	0.17349	0.14061	2.9721	16.474	0.6104	0.4594
moments	sig	7.69883	59.2779	7.66824	7.753952	2.22906	7.84944	1.64549	1.28029	81555	1E+10	2102.1	584.76

	xi	0.22502	0.0855	0.16139	0.125741	0.16078	0.04241	*0.1159*	*0.0861*	0.6081	0.3789	0.6007	0.5798
mple	sig	**7.51975**	**56.6094**	**7.49313**	**7.520867**	2.93345	16.0217	2.14637	1.55718	153789	5E+10	3544.1	600.1
	xi	0.19727	0.06753	0.16301	0.148385	0.20986	0.0813	0.15709	0.11898	0.594	0.3802	0.5716	0.5546
pickands	sig	7.77364	60.4316	7.72824	7.835643	3.45989	17.342	2.61594	2.17034	236.06	58546	201.32	177.16
	xi	0.49229	0.35252	0.3911	0.330119	0.51006	0.37691	0.40379	0.33757	0.612	0.5422	0.485	0.4044
pwmb	sig	7.71282	59.491	7.68348	7.761792	2.3367	8.34328	1.75909	1.40448	7002.5	2E+08	361.27	248.86
	xi	0.22597	0.07691	0.1734	0.141987	0.17783	0.04879	0.13462	0.10709	0.3351	0.1352	0.2947	0.2787
pwmu	sig	7.73679	59.859	7.70649	7.788608	2.30242	8.05226	1.75024	1.42695	262.99	71004	242.12	225.08
	xi	0.23321	0.08415	0.17948	0.148889	0.17715	0.04852	0.13535	0.11076	*0.3157*	*0.1166*	*0.2722*	*0.2557*
ad	sig	7.7463	60.0074	7.72181	7.766488	2.35766	8.44492	1.83241	1.51728	153803	5E+10	3826.3	933.06
	xi	0.21233	0.07868	0.16029	0.125891	0.22984	0.08681	0.17457	0.13856	0.8947	0.805	0.8689	0.9436
adr	sig	7.71523	59.5321	7.69131	7.737909	2.32977	8.43668	1.79169	1.45651	153804	5E+10	3882	981.46
	xi	***0.18218***	***0.05735***	0.14162	0.114666	0.19863	0.06412	0.1552	0.12723	0.8854	0.7902	0.8721	0.9108
ad2r	sig	7.65022	58.5459	7.62266	7.680157	2.79431	12.5721	2.02734	1.54215	20622	5E+08	2400.1	1001.6
	xi	0.21074	0.10034	*0.13994*	*0.112342*	6.30055	61.5485	0.77129	0.13119	46.833	3739.8	28.299	11.446
adl	sig	7.7044	59.3634	7.66206	7.744806	2.93603	13.1447	2.24069	1.8279	153800	5E+10	3727.8	834.77
	xi	0.4027	0.27862	0.29925	0.227802	0.40216	0.26045	0.30569	0.24356	613.18	2E+06	27.772	7.9322
ad2l	sig	7.85575	61.719	7.78003	7.879262	4.27394	26.3342	3.18999	2.56412	153110	5E+10	3409.5	383.86
	xi	1.31858	2.21786	0.75608	0.445352	1.32961	2.23514	0.77437	0.47381	9667.4	2E+08	357.47	14.355
cm	sig	7.6882	59.1156	7.65478	7.723775	2.59836	9.90606	2.00878	1.65402	153802	5E+10	3824	941.59
	xi	0.29264	0.14025	0.22376	0.178172	0.29636	0.13462	0.23034	0.18603	13.322	229.41	5.9052	3.0125
ks	sig	7.75653	60.164	7.73036	7.795662	**1.56611**	**3.42694**	**1.20649**	**0.98191**	153805	5E+10	3929.7	1024.9
	xi	0.28954	0.1209	0.23645	0.214556	***0.1586***	***0.0369***	0.1225	0.10153	7.2477	155.81	2.9313	2.6283

q = 0.95 Pot Scale 10													
		2				3				5			
Method	Paramters	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE	RMSE	MSE	MAE	MDAE
NewMLE	sig	8.62914	74.4768	8.61592	8.618314	7.6333	58.2809	7.60992	7.63091	**5.692**	**32.43**	**5.6211**	**5.6629**
	xi	12898.9	2.1E+08	10564.7	9362.012	296462	1.3E+11	209389	168476	6E+08	2E+18	1E+08	6E+07
NLS-P	sig	446994	4E+11	132292	85022.77	3355378	1.9E+13	167096	9.9	9.9	98.01	9.9	9.9
	xi	1.22086	1.64337	1.1377	1.147097	2.41549	5.83586	2.41329	2.40813	4.4998	20.248	4.4998	4.5
NLS-S	sig	844825	4.5E+12	108848	16785.1	5.7E+10	2.5E+22	6.6E+08	1170603	6E+14	3E+30	1E+13	4E+09
	xi	1.00593	1.39336	0.91027	0.891005	1.43961	2.8272	1.30259	1.29193	2.2084	6.5031	1.9858	1.9839

WNLS-P	sig	519207	5.1E+11	146603	88923.73	3964070	2.7E+13	187440	9.9	9.9	98.01	9.9	9.9
	xi	1.20529	1.61072	1.12546	1.140389	2.41553	5.83605	2.41336	2.40813	4.4998	20.248	4.4998	4.5
Zhang	sig	11181.5	1.3E+08	10074.7	9162.7	276904	1E+11	204190	166534	8E+08	4E+18	1E+08	6E+07
	xi	*0.70716*	*0.53073*	0.63274	0.616306	*0.7951*	*0.6968*	*0.6935*	0.66207	*1.0124*	*1.2151*	*0.854*	*0.7888*
lme	sig	**1.66716**	**10.9901**	**0.5879**	**0.440596**	**3.86584**	**14.9483**	**3.76394**	**3.72497**	11.322	128.18	11.246	11.205
	xi	6.8295	46.6422	6.80674	6.804052	9.6493	93.1092	9.62057	9.60577	15.324	234.82	15.277	15.246
mdpd	sig	8.7E+13	3.3E+28	9E+11	1635329	7.6E+19	9.8E+39	1E+18	1.9E+10	2E+38	4E+77	2E+36	6E+18
	xi	41.028	2188.66	23.8463	14.33506	96.4285	14038	57.4748	48.2819	239.57	105283	74.367	62.193
med	sig	6170.07	4.8E+07	4844.09	4005.74	206075	8.8E+10	116948	81484.1	8E+08	4E+18	1E+08	4E+07
	xi	0.74193	0.75197	*0.59192*	0.513132	0.91949	1.15213	0.73703	*0.639*	1.1646	1.8365	0.9381	0.8088
mle	sig	8.2E+07	1.1E+16	1.4E+07	486269.8	3.1E+08	2.1E+17	3E+08	3E+08				
	xi	24.0826	951.498	7.56984	1.230414	1.47303	2.46261	1.4481	1.4481				
moments	sig	4.3E+13	8.3E+27	4.5E+11	825912.7	4E+19	2.8E+39	5.2E+17	9.3E+09	1E+38	9E+76	1E+36	3E+18
	xi	1.54389	2.38613	1.54289	1.530387	2.52924	6.39827	2.52899	2.52036	4.521	20.44	4.5209	4.5151
mple	sig	7E+07	1.5E+16	2.6E+07	676976.1	1.3E+10	5.4E+20	9.7E+09	9.7E+09	3E+11	1E+23	3E+11	3E+11
	xi	1.47972	2.21156	1.47797	1.462745	2.45876	6.05365	2.45845	2.45845	4.5713	20.898	4.5713	4.5713
pickands	sig	6690.35	5.9E+07	4667.57	3635.224	275384	2E+11	116317	70869.3	3E+09	7E+19	2E+08	3E+07
	xi	0.78354	0.8952	0.61589	*0.512063*	0.99299	1.43849	0.77787	0.6453	1.4908	3.2599	1.1597	0.9549
pwmb	sig	1E+11	5.6E+22	1.1E+09	23849.52	3E+18	3.7E+37	3.3E+16	3.8E+07	2E+35	2E+71	2E+33	6E+15
	xi	1.10179	1.22395	1.09693	1.071854	2.05656	4.23372	2.05542	2.03855	4.0352	16.284	4.035	4.0237
pwmu	sig	809818	1E+12	42012.1	16022.18	4.4E+11	1.2E+24	5.5E+09	1.1E+07	6E+24	3E+50	6E+22	3E+14
	xi	1.08045	1.173	1.07547	1.050533	2.03558	4.14525	2.03445	2.01783	4.0145	16.117	4.0144	4.0033
ad	sig	8.7E+13	3.3E+28	9E+11	1635329	7.6E+19	9.8E+39	1E+18	1.9E+10	2E+38	4E+77	2E+36	6E+18
	xi	1.90481	3.63898	1.9017	1.92419	2.86081	8.20854	2.85757	2.88991	4.8241	23.315	4.8218	4.8423
adr	sig	8.7E+13	3.3E+28	9E+11	1635329	7.6E+19	9.8E+39	1E+18	1.9E+10	2E+38	4E+77	2E+36	6E+18
	xi	1.84879	3.4419	1.84388	1.865778	2.80935	7.93606	2.80566	2.83819	4.7756	22.876	4.7737	4.7767
ad2r	sig	5.5E+11	1E+24	7.7E+09	1595775	1.5E+22	1.1E+45	1.5E+20	1.6E+10	9E+44	3E+90	9E+42	6E+18
	xi	41.0489	3992.59	28.0706	21.05939	36.7542	3852.61	27.1834	22.2625	32.703	3566.4	26.576	24.772
adl	sig	8.7E+13	3.3E+28	9E+11	1635329	7.6E+19	9.8E+39	1E+18	1.9E+10	2E+38	4E+77	2E+36	6E+18
	xi	8718.51	1.4E+08	642.566	208.8314	127121	1.1E+11	1820.96	58.7144	24568	8E+08	1050.1	15.894
ad2l	sig	8.7E+13	3.3E+28	9E+11	1627881	7.6E+19	9.8E+39	1E+18	1.9E+10	2E+38	4E+77	2E+36	6E+18
	xi	1.1E+08	2.6E+16	2053037	6056.922	1.8E+08	3.9E+16	5777133	298953	7E+07	2E+16	2E+06	304.37
cm	sig	8.7E+13	3.3E+28	9E+11	1635329	7.6E+19	9.8E+39	1E+18	1.9E+10	2E+38	4E+77	2E+36	6E+18
	xi	140.87	50883.4	43.7235	28.50859	290.769	135761	27.5392	12.2091	190.12	57206	15.687	7.5665

ks	sig	8.7E+13	3.3E+28	9E+11	1635329	7.6E+19	9.8E+39	1E+18	1.9E+10	2E+38	4E+77	2E+36	6E+18
	xi	215.939	115145	10.606		1066.07	4168713	35.0901	3.08592	385.38	224297	16.605	5.005