

TABLE III

DERIVATIVES OF THE STANDARDIZED
TYPE III FUNCTION

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00							-6.00
-5.90							-5.90
-5.80							-5.80
-5.70							-5.70
-5.60							-5.60
-5.50	.000001						-5.50
-5.40	.000001						-5.40
-5.30	.000002						-5.30
-5.20	.000003						-5.20
-5.10	.000005	.000001					-5.10
-5.00	.000007	.000001					-5.00

t	SKEWNESS					t	
	.6	.7	.8	.9	1.0		1.1
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00							-6.00
-5.90							-5.90
-5.80							-5.80
-5.70							-5.70
-5.60							-5.60
-5.50							-5.50
-5.40							-5.40
-5.30							-5.30
-5.20							-5.20
-5.10							-5.10
-5.00							-5.00

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t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-4.90	.000012	.000002					-4.90
-4.80	.000019	.000003					-4.80
-4.70	.000030	.000006					-4.70
-4.60	.000047	.000011	.000001				-4.60
-4.50	.000072	.000019	.000002				-4.50
-4.40	.000110	.000032	.000005				-4.40
-4.30	.000166	.000055	.000009				-4.30
-4.20	.000248	.000090	.000019	.000001			-4.20
-4.10	.000366	.000147	.000036	.000003			-4.10
-4.00	.000535	.000235	.000066	.000008			-4.00
-3.90	.000775	.000370	.000120	.000018			-3.90
-3.80	.001109	.000573	.000212	.000040	.000001		-3.80
-3.70	.001572	.000874	.000364	.000087	.000005		-3.70
-3.60	.002203	.001313	.000609	.000177	.000017		-3.60
-3.50	.003054	.001941	.000995	.000344	.000049		-3.50
-3.40	.004190	.002825	.001586	.000641	.000128	.000003	-3.40
-3.30	.005684	.004049	.002470	.001146	.000302	.000017	-3.30
-3.20	.007629	.005717	.003760	.001974	.000661	.000069	-3.20
-3.10	.010127	.007950	.005598	.003277	.001344	.000234	-3.10
-3.00	.013296	.010890	.008154	.005256	.002561	.000662	-3.00
-2.90	.017262	.014698	.011630	.008159	.004601	.001623	-2.90
-2.80	.022163	.019545	.016246	.012275	.007834	.003540	-2.80
-2.70	.028136	.025608	.022239	.017924	.012700	.006991	-2.70
-2.60	.035316	.033062	.029844	.025438	.019681	.012686	-2.60
-2.50	.043821	.042064	.039276	.035127	.029254	.021390	-2.50
-2.40	.053747	.052738	.050708	.047251	.041831	.033818	-2.40
-2.30	.065152	.065158	.064244	.061970	.057693	.050508	-2.30
-2.20	.078044	.079330	.079895	.079313	.076923	.071689	-2.20
-2.10	.092366	.095172	.097548	.099136	.099346	.097186	-2.10
-2.00	.107982	.112500	.116952	.121097	.124495	.126364	-2.00
-1.90	.124670	.131014	.137704	.144643	.151607	.158125	-1.90
-1.80	.142110	.150291	.159241	.169016	.179627	.190976	-1.80
-1.70	.159883	.169790	.180854	.193275	.207285	.223136	-1.70
-1.60	.177473	.188856	.201707	.216340	.233159	.252688	-1.60
-1.50	.194276	.206743	.220876	.237054	.255782	.277745	-1.50
-1.40	.209618	.222645	.237390	.254249	.273749	.296608	-1.40
-1.30	.222779	.235726	.250291	.266832	.285824	.307909	-1.30
-1.20	.233023	.245172	.258688	.273853	.291033	.310712	-1.20
-1.10	.239637	.250235	.261823	.274582	.288736	.304576	-1.10
-1.00	.241971	.250281	.259120	.268557	.278673	.289564	-1.00
- .90	.239477	.244839	.250233	.255628	.260978	.266223	- .90
- .80	.231753	.233638	.235076	.235963	.236165	.235512	- .80
- .70	.218578	.216634	.213840	.210049	.205082	.198720	- .70
- .60	.199935	.194029	.186988	.178657	.168852	.157358	- .60
- .50	.176033	.166270	.155237	.142796	.128795	.113055	- .50
- .40	.147308	.134036	.119517	.103653	.086338	.067454	- .40
- .30	.114416	.098208	.080927	.062522	.042938	.022119	- .30
- .20	.078209	.059827	.040672	.020733	.000000	-.021537	- .20
- .10	.039695	.020043	.000000	-.020417	-.041192	-.062305	- .10
.00	.000000	-.019943	-.039861	-.059729	-.079523	-.099218	.00

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
-4.90							-4.90
-4.80							-4.80
-4.70							-4.70
-4.60							-4.60
-4.50							-4.50
-4.40							-4.40
-4.30							-4.30
-4.20							-4.20
-4.10							-4.10
-4.00							-4.00
-3.90							-3.90
-3.80							-3.80
-3.70							-3.70
-3.60							-3.60
-3.50							-3.50
-3.40							-3.40
-3.30							-3.30
-3.20							-3.20
-3.10	.000001						-3.10
-3.00	.000019						-3.00
-2.90	.000137						-2.90
-2.80	.000628						-2.80
-2.70	.002066	.000036					-2.70
-2.60	.005395	.000536					-2.60
-2.50	.011851	.002918					-2.50
-2.40	.022763	.009573	.000364				-2.40
-2.30	.039266	.023160	.005119				-2.30
-2.20	.062013	.045673	.021161	.000121			-2.20
-2.10	.090955	.077731	.052860	.013697			-2.10
-2.00	.125234	.118306	.100022	.059683			-2.00
-1.90	.163228	.164867	.158494	.133204	.061132		-1.90
-1.80	.202703	.213833	.221819	.219728	.185902		-1.80
-1.70	.241060	.261146	.282948	.304226	.316115	.031381	-1.70
-1.60	.275619	.302858	.335559	.375014	.421770	.470105	-1.60
-1.50	.303895	.335595	.374866	.424825	.490506	.580401	-1.50
-1.40	.323832	.356881	.397950	.450518	.520464	.618649	-1.40
-1.30	.333974	.365290	.403738	.452231	.515552	.602164	-1.30
-1.20	.333548	.360455	.392746	.432376	.482398	.547863	-1.20
-1.10	.322482	.342963	.366717	.394732	.428455	.470099	-1.10
-1.00	.301350	.314173	.328212	.343691	.360894	.380193	-1.00
-.90	.271274	.276005	.280235	.283702	.286020	.286608	-.90
-.80	.233788	.230710	.225910	.218898	.209014	.195355	-.80
-.70	.190694	.180672	.168238	.152867	.133891	.110444	-.70
-.60	.143917	.128225	.109914	.088542	.063567	.034327	-.60
-.50	.095375	.075522	.053226	.028174	.000000	-.031726	-.50
-.40	.046869	.024439	.000000	-.026629	-.055654	-.087304	-.40
-.30	.000000	-.023484	-.048406	-.074843	-.102879	-.132606	-.30
-.20	-.043888	-.067064	-.091075	-.115932	-.141646	-.168230	-.20
-.10	-.083738	-.105473	-.127489	-.149766	-.172285	-.195025	-.10
.00	-.118789	-.138212	-.157465	-.176524	-.195367	-.213972	.00

t	SKEWNESS						t
	.0	.1	.2	.3	.4	.5	
.00	.000000	-.019943	-.039861	-.059729	-.079523	-.099218	.00
.10	-.039695	-.058941	-.077764	-.096151	-.114088	-.131563	.10
.20	-.078209	-.095827	-.112693	-.128817	-.144210	-.158882	.20
.30	-.114416	-.129600	-.143805	-.157072	-.169444	-.180957	.30
.40	-.147308	-.159421	-.170454	-.180482	-.189571	-.197783	.40
.50	-.176033	-.184644	-.192211	-.198827	-.204577	-.209535	.50
.60	-.199935	-.204840	-.208859	-.212093	-.214627	-.216536	.60
.70	-.218573	-.219795	-.220388	-.220442	-.220032	-.219219	.70
.80	-.231753	-.229507	-.226967	-.224189	-.221217	-.218089	.80
.90	-.239477	-.234167	-.228926	-.223762	-.218684	-.213694	.90
1.00	-.241971	-.234132	-.226714	-.219676	-.212981	-.206595	1.00
1.10	-.239637	-.229889	-.220873	-.212494	-.204574	-.197346	1.10
1.20	-.233023	-.222022	-.211994	-.202799	-.194322	-.186470	1.20
1.30	-.222779	-.211174	-.200694	-.191168	-.182458	-.174450	1.30
1.40	-.209618	-.198009	-.187582	-.178152	-.169571	-.161717	1.40
1.50	-.194276	-.183183	-.173236	-.164256	-.156099	-.148647	1.50
1.60	-.177473	-.167315	-.158186	-.149931	-.142423	-.135559	1.60
1.70	-.159883	-.150967	-.142899	-.135563	-.128862	-.122712	1.70
1.80	-.142110	-.134628	-.127773	-.121475	-.115674	-.110315	1.80
1.90	-.124670	-.118709	-.113132	-.107924	-.103063	-.098523	1.90
2.00	-.107982	-.103534	-.099229	-.095105	-.091177	-.087449	2.00
2.10	-.092366	-.089346	-.086249	-.083156	-.080118	-.077165	2.10
2.20	-.078044	-.076312	-.074312	-.072165	-.069947	-.067712	2.20
2.30	-.065152	-.064527	-.063487	-.062176	-.060692	-.059103	2.30
2.40	-.053747	-.054029	-.053795	-.053200	-.052351	-.051327	2.40
2.50	-.043821	-.044806	-.045221	-.045215	-.044900	-.044359	2.50
2.60	-.035316	-.036811	-.037720	-.038180	-.038300	-.038160	2.60
2.70	-.028136	-.029964	-.031226	-.032039	-.032498	-.032681	2.70
2.80	-.022163	-.024172	-.025661	-.026723	-.027436	-.027870	2.80
2.90	-.017262	-.019326	-.020937	-.022158	-.023050	-.023670	2.90
3.00	-.013296	-.015318	-.016964	-.018268	-.019273	-.020023	3.00
3.10	-.010127	-.012037	-.013651	-.014978	-.016042	-.016874	3.10
3.20	-.007629	-.009379	-.010911	-.012214	-.013293	-.014168	3.20
3.30	-.005684	-.007247	-.008665	-.009908	-.010969	-.011854	3.30
3.40	-.004190	-.005554	-.006837	-.007996	-.009013	-.009884	3.40
3.50	-.003054	-.004222	-.005361	-.006422	-.007376	-.008214	3.50
3.60	-.002203	-.003184	-.004178	-.005132	-.006013	-.006805	3.60
3.70	-.001572	-.002382	-.003236	-.004082	-.004883	-.005620	3.70
3.80	-.001109	-.001768	-.002492	-.003232	-.003951	-.004627	3.80
3.90	-.000775	-.001303	-.001908	-.002547	-.003185	-.003799	3.90
4.00	-.000535	-.000952	-.001452	-.001999	-.002559	-.003110	4.00
4.10	-.000366	-.000691	-.001100	-.001561	-.002049	-.002539	4.10
4.20	-.000248	-.000498	-.000828	-.001215	-.001635	-.002067	4.20
4.30	-.000166	-.000356	-.000620	-.000941	-.001301	-.001679	4.30
4.40	-.000110	-.000253	-.000462	-.000726	-.001031	-.001360	4.40
4.50	-.000072	-.000178	-.000342	-.000558	-.000815	-.001099	4.50
4.60	-.000047	-.000125	-.000252	-.000428	-.000642	-.000886	4.60
4.70	-.000030	-.000087	-.000185	-.000326	-.000505	-.000713	4.70
4.80	-.000019	-.000060	-.000135	-.000248	-.000396	-.000572	4.80
4.90	-.000012	-.000041	-.000098	-.000188	-.000309	-.000458	4.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
.00	-.118789	-.138212	-.157465	-.176524	-.195367	-.213972	.00
.10	-.148563	-.165078	-.181098	-.196613	-.211618	-.226104	.10
.20	-.172846	-.186112	-.198692	-.210598	-.221843	-.232441	.20
.30	-.191649	-.201555	-.210707	-.219137	-.226877	-.233955	.30
.40	-.205174	-.211799	-.217704	-.222936	-.227536	-.231545	.40
.50	-.213769	-.217340	-.220302	-.222707	-.224598	-.226019	.50
.60	-.217887	-.218739	-.219142	-.219142	-.218780	-.218092	.60
.70	-.218055	-.216587	-.214854	-.212890	-.210726	-.208386	.70
.80	-.214834	-.211479	-.208044	-.204548	-.201006	-.197431	.80
.90	-.208794	-.203987	-.199272	-.194648	-.190114	-.185671	.90
1.00	-.200493	-.194649	-.189043	-.183655	-.178470	-.173473	1.00
1.10	-.190456	-.183956	-.177806	-.171972	-.166424	-.161137	1.10
1.20	-.179166	-.172343	-.165948	-.159935	-.154263	-.148900	1.20
1.30	-.167053	-.160191	-.153798	-.147823	-.142218	-.136946	1.30
1.40	-.154494	-.147820	-.141627	-.135859	-.130469	-.125416	1.40
1.50	-.141806	-.135497	-.129653	-.124221	-.119153	-.114410	1.50
1.60	-.129254	-.123437	-.118049	-.113040	-.108368	-.103997	1.60
1.70	-.117047	-.111807	-.106944	-.102415	-.098185	-.094223	1.70
1.80	-.105348	-.100733	-.096431	-.092411	-.088645	-.085109	1.80
1.90	-.094278	-.090302	-.086573	-.083069	-.079770	-.076660	1.90
2.00	-.083916	-.080572	-.077405	-.074407	-.071565	-.068870	2.00
2.10	-.074314	-.071572	-.068944	-.066428	-.064021	-.061721	2.10
2.20	-.065493	-.063313	-.061186	-.059120	-.057120	-.055189	2.20
2.30	-.057456	-.055786	-.054116	-.052462	-.050835	-.049243	2.30
2.40	-.050187	-.048971	-.047709	-.046425	-.045135	-.043849	2.40
2.50	-.043655	-.042835	-.041933	-.040977	-.039985	-.038973	2.50
2.60	-.037824	-.037342	-.036750	-.036078	-.035348	-.034578	2.60
2.70	-.032648	-.032449	-.032119	-.031691	-.031187	-.030627	2.70
2.80	-.028079	-.028110	-.027999	-.027776	-.027464	-.027084	2.80
2.90	-.024066	-.024280	-.024346	-.024293	-.024143	-.023915	2.90
3.00	-.020558	-.020913	-.021120	-.021204	-.021187	-.021087	3.00
3.10	-.017505	-.017965	-.018279	-.018472	-.018563	-.018568	3.10
3.20	-.014860	-.015393	-.015787	-.016063	-.016238	-.016329	3.20
3.30	-.012578	-.013156	-.013606	-.013944	-.014184	-.014342	3.30
3.40	-.010616	-.011218	-.011703	-.012084	-.012373	-.012582	3.40
3.50	-.008935	-.009543	-.010046	-.010455	-.010778	-.011026	3.50
3.60	-.007501	-.008100	-.008609	-.009032	-.009377	-.009652	3.60
3.70	-.006280	-.006862	-.007364	-.007791	-.008148	-.008440	3.70
3.80	-.005246	-.005800	-.006288	-.006711	-.007071	-.007374	3.80
3.90	-.004371	-.004893	-.005361	-.005773	-.006130	-.006436	3.90
4.00	-.003634	-.004120	-.004563	-.004959	-.005309	-.005612	4.00
4.10	-.003014	-.003463	-.003878	-.004255	-.004592	-.004889	4.10
4.20	-.002495	-.002906	-.003291	-.003646	-.003969	-.004256	4.20
4.30	-.002061	-.002434	-.002789	-.003121	-.003426	-.003702	4.30
4.40	-.001699	-.002035	-.002360	-.002669	-.002955	-.003218	4.40
4.50	-.001397	-.001699	-.001995	-.002279	-.002547	-.002795	4.50
4.60	-.001147	-.001416	-.001684	-.001944	-.002193	-.002425	4.60
4.70	-.000940	-.001179	-.001420	-.001657	-.001886	-.002104	4.70
4.80	-.000769	-.000979	-.001195	-.001411	-.001621	-.001823	4.80
4.90	-.000628	-.000813	-.001005	-.001200	-.001393	-.001579	4.90

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
5.00	-.000007	-.000028	-.000071	-.000142	-.000241	-.000366	5.00
5.10	-.000005	-.000019	-.000051	-.000106	-.000187	-.000292	5.10
5.20	-.000003	-.000013	-.000036	-.000080	-.000145	-.000232	5.20
5.30	-.000002	-.000008	-.000026	-.000060	-.000112	-.000184	5.30
5.40	-.000001	-.000006	-.000018	-.000044	-.000087	-.000146	5.40
5.50	-.000001	-.000004	-.000013	-.000033	-.000067	-.000116	5.50
5.60		-.000002	-.000009	-.000024	-.000051	-.000091	5.60
5.70		-.000002	-.000006	-.000018	-.000039	-.000072	5.70
5.80		-.000001	-.000004	-.000013	-.000030	-.000057	5.80
5.90		-.000001	-.000003	-.000010	-.000023	-.000044	5.90
6.00			-.000002	-.000007	-.000017	-.000035	6.00
6.10			-.000001	-.000005	-.000013	-.000027	6.10
6.20			-.000001	-.000004	-.000010	-.000021	6.20
6.30			-.000001	-.000003	-.000008	-.000017	6.30
6.40				-.000002	-.000006	-.000013	6.40
6.50				-.000001	-.000004	-.000010	6.50
6.60				-.000001	-.000003	-.000008	6.60
6.70				-.000001	-.000002	-.000006	6.70
6.80				-.000001	-.000002	-.000005	6.80
6.90					-.000001	-.000004	6.90
7.00					-.000001	-.000003	7.00
7.10					-.000001	-.000002	7.10
7.20					-.000001	-.000002	7.20
7.30						-.000001	7.30
7.40						-.000001	7.40
7.50						-.000001	7.50
7.60						-.000001	7.60
7.70							7.70
7.80							7.80
7.90							7.90
8.00							8.00
8.10							8.10
8.20							8.20
8.30							8.30
8.40							8.40
8.50							8.50
8.60							8.60
8.70							8.70
8.80							8.80
8.90							8.90
9.00							9.00
9.10							9.10
9.20							9.20
9.30							9.30
9.40							9.40
9.50							9.50
9.60							9.60
9.70							9.70
9.80							9.80
9.90							9.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
5.00	-.000512	-.000674	-.000845	-.001020	-.001195	-.001367	5.00
5.10	-.000417	-.000557	-.000709	-.000866	-.001025	-.001182	5.10
5.20	-.000339	-.000461	-.000594	-.000735	-.000878	-.001022	5.20
5.30	-.000275	-.000380	-.000497	-.000623	-.000752	-.000883	5.30
5.40	-.000223	-.000314	-.000416	-.000527	-.000644	-.000763	5.40
5.50	-.000180	-.000258	-.000348	-.000446	-.000551	-.000658	5.50
5.60	-.000145	-.000212	-.000290	-.000377	-.000471	-.000568	5.60
5.70	-.000117	-.000174	-.000242	-.000319	-.000402	-.000490	5.70
5.80	-.000094	-.000143	-.000202	-.000269	-.000343	-.000422	5.80
5.90	-.000076	-.000117	-.000168	-.000227	-.000293	-.000364	5.90
6.00	-.000061	-.000096	-.000140	-.000191	-.000250	-.000313	6.00
6.10	-.000049	-.000079	-.000116	-.000161	-.000213	-.000269	6.10
6.20	-.000039	-.000064	-.000097	-.000136	-.000181	-.000232	6.20
6.30	-.000031	-.000052	-.000080	-.000114	-.000154	-.000199	6.30
6.40	-.000025	-.000043	-.000066	-.000096	-.000131	-.000171	6.40
6.50	-.000020	-.000035	-.000055	-.000081	-.000112	-.000147	6.50
6.60	-.000016	-.000028	-.000046	-.000068	-.000095	-.000126	6.60
6.70	-.000013	-.000023	-.000038	-.000057	-.000081	-.000109	6.70
6.80	-.000010	-.000019	-.000031	-.000048	-.000069	-.000093	6.80
6.90	-.000008	-.000015	-.000026	-.000040	-.000058	-.000080	6.90
7.00	-.000006	-.000012	-.000021	-.000034	-.000049	-.000069	7.00
7.10	-.000005	-.000010	-.000018	-.000028	-.000042	-.000059	7.10
7.20	-.000004	-.000008	-.000014	-.000024	-.000035	-.000050	7.20
7.30	-.000003	-.000007	-.000012	-.000020	-.000030	-.000043	7.30
7.40	-.000003	-.000005	-.000010	-.000016	-.000025	-.000037	7.40
7.50	-.000002	-.000004	-.000008	-.000014	-.000022	-.000032	7.50
7.60	-.000002	-.000003	-.000007	-.000012	-.000018	-.000027	7.60
7.70	-.000001	-.000003	-.000005	-.000010	-.000015	-.000023	7.70
7.80	-.000001	-.000002	-.000005	-.000008	-.000013	-.000020	7.80
7.90	-.000001	-.000002	-.000004	-.000007	-.000011	-.000017	7.90
8.00	-.000001	-.000001	-.000003	-.000006	-.000009	-.000014	8.00
8.10		-.000001	-.000002	-.000005	-.000008	-.000012	8.10
8.20		-.000001	-.000002	-.000004	-.000007	-.000011	8.20
8.30		-.000001	-.000002	-.000003	-.000006	-.000009	8.30
8.40		-.000001	-.000001	-.000003	-.000005	-.000008	8.40
8.50			-.000001	-.000002	-.000004	-.000007	8.50
8.60			-.000001	-.000002	-.000003	-.000006	8.60
8.70			-.000001	-.000002	-.000003	-.000005	8.70
8.80			-.000001	-.000001	-.000002	-.000004	8.80
8.90			-.000001	-.000001	-.000002	-.000003	8.90
9.00				-.000001	-.000002	-.000003	9.00
9.10				-.000001	-.000001	-.000003	9.10
9.20				-.000001	-.000001	-.000002	9.20
9.30				-.000001	-.000001	-.000002	9.30
9.40					-.000001	-.000002	9.40
9.50					-.000001	-.000001	9.50
9.60					-.000001	-.000001	9.60
9.70					-.000001	-.000001	9.70
9.80						-.000001	9.80
9.90						-.000001	9.90

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
10.00							10.00
10.10							10.10
10.20							10.20
10.30							10.30
10.40							10.40
10.50							10.50
10.60							10.60
10.70							10.70
10.80							10.80
10.90							10.90
11.00							11.00
11.10							11.10
11.20							11.20
11.30							11.30
11.40							11.40
11.50							11.50
11.60							11.60
11.70							11.70
11.80							11.80
11.90							11.90
12.00							12.00
12.10							12.10
12.20							12.20
12.30							12.30
12.40							12.40
12.50							12.50
12.60							12.60
12.70							12.70
12.80							12.80
12.90							12.90
13.00							13.00
13.10							13.10
13.20							13.20
13.30							13.30
13.40							13.40
13.50							13.50
13.60							13.60
13.70							13.70
13.80							13.80
13.90							13.90
14.00							14.00
14.10							14.10
14.20							14.20
14.30							14.30
14.40							14.40
14.50							14.50
14.60							14.60
14.70							14.70
14.80							14.80
14.90							14.90

138 PEARSON'S TYPE III FUNCTION—SECOND DERIVATIVE

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00							-6.00
-5.90							-5.90
-5.80	.000001						-5.80
-5.70	.000001						-5.70
-5.60	.000002						-5.60
-5.50	.000003						-5.50
-5.40	.000005						-5.40
-5.30	.000009	.000001					-5.30
-5.20	.000014	.000002					-5.20
-5.10	.000022	.000003					-5.10
-5.00	.000036	.000006					-5.00

PEARSON'S TYPE III FUNCTION—SECOND DERIVATIVE 139

t	SKEWNESS					t	
	.6	.7	.8	.9	1.0		1.1
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00							-6.00
-5.90							-5.90
-5.80							-5.80
-5.70							-5.70
-5.60							-5.60
-5.50							-5.50
-5.40							-5.40
-5.30							-5.30
-5.20							-5.20
-5.10							-5.10
-5.00							-5.00

140 PEARSON'S TYPE III FUNCTION—SECOND DERIVATIVE

t	SKEWNESS						t
	.0	.1	.2	.3	.4	.5	
-4.90	.000056	.000011	.000001				-4.90
-4.80	.000087	.000020	.000002				-4.80
-4.70	.000134	.000036	.000004				-4.70
-4.60	.000204	.000061	.000008				-4.60
-4.50	.000308	.000103	.000017				-4.50
-4.40	.000458	.000171	.000034	.000001			-4.40
-4.30	.000674	.000279	.000066	.000004			-4.30
-4.20	.000981	.000446	.000124	.000011			-4.20
-4.10	.001411	.000702	.000227	.000029			-4.10
-4.00	.002007	.001085	.000404	.000068	.000001		-4.00
-3.90	.002823	.001650	.000698	.000151	.000005		-3.90
-3.80	.003924	.002465	.001174	.000318	.000020		-3.80
-3.70	.005390	.003622	.001921	.000638	.000065		-3.70
-3.60	.007318	.005233	.003063	.001216	.000190		-3.60
-3.50	.009818	.007435	.004759	.002213	.000493	.000008	-3.50
-3.40	.013012	.010387	.007210	.003855	.001157	.000056	-3.40
-3.30	.017036	.014272	.010658	.006445	.002482	.000259	-3.30
-3.20	.022029	.019282	.015376	.010360	.004921	.000914	-3.20
-3.10	.028127	.025617	.021661	.016039	.009087	.002622	-3.10
-3.00	.035455	.033464	.029805	.023959	.015732	.006377	-3.00
-2.90	.044108	.042977	.040072	.034578	.025682	.013553	-2.90
-2.80	.054142	.054254	.052649	.048276	.039717	.025751	-2.80
-2.70	.065547	.067309	.067607	.065269	.058421	.044473	-2.70
-2.60	.078238	.082041	.084853	.085530	.082005	.070719	-2.60
-2.50	.092024	.098208	.104081	.108701	.110147	.104574	-2.50
-2.40	.106598	.115397	.124739	.134041	.141874	.144908	-2.40
-2.30	.121523	.133016	.146010	.160398	.175522	.189277	-2.30
-2.20	.136222	.150286	.166813	.186228	.208791	.234060	-2.20
-2.10	.149984	.166250	.185835	.209664	.238900	.274831	-2.10
-2.00	.161973	.179808	.201589	.228635	.262822	.306883	-2.00
-1.90	.171257	.189761	.212507	.241024	.277610	.325833	-1.90
-1.80	.176848	.194883	.217043	.244859	.280668	.328187	-1.80
-1.70	.177753	.193997	.213810	.238508	.270098	.311788	-1.70
-1.60	.173036	.186074	.201707	.220856	.244914	.276085	-1.60
-1.50	.161897	.170327	.180042	.191456	.205187	.222196	-1.50
-1.40	.143738	.146302	.148634	.150619	.152083	.152768	-1.40
-1.30	.118244	.113955	.107884	.099440	.087784	.071682	-1.30
-1.20	.085442	.073710	.058793	.039758	.015318	-.016353	-1.20
-1.10	.045749	.026480	.002942	-.025961	-.061696	-.106262	-1.10
-1.00	.000000	-.026345	-.057582	-.094785	-.139336	-.193043	-1.00
-.90	-.050556	-.082945	-.120304	-.163523	-.213693	-.272169	-.90
-.80	-.104289	-.141156	-.182513	-.228950	-.281149	-.339887	-.80
-.70	-.159250	-.198588	-.241433	-.288031	-.338624	-.393425	-.70
-.60	-.213264	-.252765	-.294407	-.338118	-.383756	-.431081	-.60
-.50	-.264049	-.301276	-.339069	-.377114	-.415005	-.452220	-.50
-.40	-.309347	-.341929	-.373489	-.403584	-.431690	-.457186	-.40
-.30	-.347063	-.372891	-.396290	-.416811	-.433951	-.447153	-.30
-.20	-.375401	-.392803	-.406717	-.416794	-.422664	-.423938	-.20
-.10	-.392983	-.400862	-.404661	-.404202	-.399307	-.389805	-.10
.00	-.398942	-.396865	-.390638	-.380276	-.365806	-.347261	.00

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
-4.90							-4.90
-4.80							-4.80
-4.70							-4.70
-4.60							-4.60
-4.50							-4.50
-4.40							-4.40
-4.30							-4.30
-4.20							-4.20
-4.10							-4.10
-4.00							-4.00
-3.90							-3.90
-3.80							-3.80
-3.70							-3.70
-3.60							-3.60
-3.50							-3.50
-3.40							-3.40
-3.30							-3.30
-3.20	.000008						-3.20
-3.10	.000036						-3.10
-3.00	.000442						-3.00
-2.90	.002377						-2.90
-2.80	.008378						-2.80
-2.70	.021975	.001288					-2.70
-2.60	.046701	.011088					-2.60
-2.50	.084682	.040658					-2.50
-2.40	.135492	.097040	.014364				-2.40
-2.30	.195696	.178156	.093291				-2.30
-2.20	.259189	.273180	.235123	.015680			-2.20
-2.10	.318205	.366237	.398395	.290543			-2.10
-2.00	.364653	.440957	.537617	.618006			-2.00
-1.90	.391464	.484203	.620767	.826786	1.055709		-1.90
-1.80	.393656	.488248	.633769	.878055	1.344215	2.171541	-1.80
-1.70	.368970	.451364	.578139	.792281	1.211776	2.318708	-1.70
-1.60	.318022	.377196	.466054	.611436	.881883	1.511052	-1.60
-1.50	.244037	.273391	.315228	.379697	.490506	.715683	-1.50
-1.40	.152272	.149950	.144709	.134579	.115659	.079111	-1.40
-1.30	.049275	.017638	-.028037	-.096151	-.202538	-.380314	-1.30
-1.20	-.057908	-.113328	-.188820	-.294517	-.447941	-.681730	-1.20
-1.10	-.162444	-.234218	-.327426	-.450951	-.618879	-.854725	-1.10
-1.00	-.258300	-.338340	-.437616	-.562403	-.721788	-.929360	-1.00
-.90	-.340641	-.421241	-.516683	-.630449	-.767053	-.932389	-.90
-.80	-.406052	-.480646	-.564776	-.659627	-.766385	-.886072	-.80
-.70	-.452596	-.516205	-.584160	-.656102	-.731248	-.808124	-.70
-.60	-.479724	-.529131	-.578496	-.626664	-.671992	-.712150	-.60
-.50	-.488097	-.521789	-.552221	-.578022	-.597445	-.608256	-.50
-.40	-.479345	-.497304	-.510042	-.516352	-.514799	-.503678	-.40
-.30	-.455795	-.459186	-.456554	-.447036	-.429670	-.403375	-.30
-.20	-.420207	-.411038	-.395979	-.374550	-.346246	-.310536	-.20
-.10	-.375528	-.356312	-.332002	-.302445	-.267495	-.227013	-.10
.00	-.324689	-.298144	-.267691	-.233404	-.195367	-.153671	.00

142 PEARSON'S TYPE III FUNCTION—SECOND DERIVATIVE

t	SKEWNESS						t
	.0	.1	.2	.3	.4	.5	
.00	-.398942	-.396865	-.390638	-.380276	-.365806	-.347261	.00
.10	-.392983	-.381208	-.365722	-.346712	-.324368	-.298881	.10
.20	-.375401	-.354845	-.331450	-.305516	-.277327	-.247150	.20
.30	-.347063	-.319212	-.289703	-.258865	-.226991	-.194347	.30
.40	-.309347	-.276121	-.242569	-.208963	-.175528	-.142459	.40
.50	-.264049	-.227632	-.192211	-.157924	-.124871	-.093127	.50
.60	-.213264	-.175927	-.140741	-.107668	-.076652	-.047627	.60
.70	-.159250	-.123170	-.090112	-.059849	-.032168	-.006874	.70
.80	-.104289	-.071396	-.042031	-.015803	.007628	.028559	.80
.90	-.050556	-.022408	.002100	.023470	.042119	.058401	.90
1.00	.000000	.022298	.041221	.057307	.070994	.082638	1.00
1.10	.045749	.061582	.074619	.085362	.094207	.101468	1.10
1.20	.085442	.094674	.101920	.107574	.111937	.115246	1.20
1.30	.118244	.121175	.123055	.124117	.124535	.124440	1.30
1.40	.143738	.141025	.138219	.135360	.132477	.129592	1.40
1.50	.161897	.154462	.147816	.141807	.136322	.131273	1.50
1.60	.173036	.161963	.152411	.144058	.136668	.130063	1.60
1.70	.177753	.164185	.152670	.142759	.134125	.126521	1.70
1.80	.176848	.161901	.149315	.138570	.129283	.121170	1.80
1.90	.171257	.155944	.143079	.132127	.122694	.114484	1.90
2.00	.161973	.147151	.134668	.124028	.114859	.106882	2.00
2.10	.149984	.136328	.122839	.114809	.106219	.098724	2.10
2.20	.136222	.124207	.113878	.104940	.097149	.090313	2.20
2.30	.121523	.111433	.102586	.094814	.087962	.081894	2.30
2.40	.106598	.098547	.091279	.084754	.078907	.073662	2.40
2.50	.092024	.085981	.080285	.075012	.070177	.065763	2.50
2.60	.078238	.074064	.069851	.065773	.061913	.058305	2.60
2.70	.065547	.063024	.060152	.057169	.054212	.051357	2.70
2.80	.054142	.053008	.051295	.049280	.047134	.044963	2.80
2.90	.044108	.044085	.043335	.042146	.040707	.039139	2.90
3.00	.035455	.036269	.036285	.035776	.034933	.033885	3.00
3.10	.028127	.029527	.030122	.030152	.029797	.029186	3.10
3.20	.022029	.023795	.024799	.025238	.025271	.025017	3.20
3.30	.017036	.018986	.020254	.020987	.021315	.021343	3.30
3.40	.013012	.015004	.016415	.017341	.017883	.018129	3.40
3.50	.009818	.011746	.013204	.014242	.014928	.015334	3.50
3.60	.007318	.009111	.010544	.011628	.012402	.012917	3.60
3.70	.005390	.007004	.008361	.009440	.010254	.010839	3.70
3.80	.003924	.005336	.006585	.007621	.008441	.009061	3.80
3.90	.002823	.004031	.005151	.006120	.006918	.007548	3.90
4.00	.002007	.003019	.004003	.004890	.005646	.006266	4.00
4.10	.001411	.002242	.003091	.003887	.004590	.005184	4.10
4.20	.000981	.001652	.002372	.003075	.003716	.004275	4.20
4.30	.000674	.001207	.001810	.002421	.002997	.003515	4.30
4.40	.000458	.000875	.001372	.001897	.002409	.002881	4.40
4.50	.000308	.000629	.001034	.001480	.001929	.002355	4.50
4.60	.000204	.000449	.000775	.001150	.001539	.001919	4.60
4.70	.000134	.000318	.000578	.000889	.001224	.001560	4.70
4.80	.000087	.000224	.000428	.000685	.000970	.001265	4.80
4.90	.000056	.000156	.000316	.000525	.000767	.001023	4.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
.00	-.324689	-.298144	-.267691	-.233404	-.195367	-.153671	.00
.10	-.270442	-.239243	-.205476	-.169332	-.131001	-.090672	.10
.20	-.215242	-.181842	-.147179	-.111467	-.074908	-.037693	.20
.30	-.161173	-.127682	-.094065	-.060496	-.027127	.005906	.30
.40	-.109915	-.078031	-.046919	-.016670	.012641	.040955	.40
.50	-.062736	-.033730	-.006120	.020094	.044920	.068375	.50
.60	-.020517	.004757	.028276	.050122	.070377	.089119	.60
.70	.016219	.037278	.056460	.073908	.089753	.104118	.70
.80	.047251	.063932	.078805	.092047	.103816	.114254	.80
.90	.072612	.085008	.095804	.105187	.113319	.120340	.90
1.00	.092535	.100929	.108025	.113993	.118980	.123110	1.00
1.10	.107400	.112210	.116068	.119113	.121463	.123215	1.10
1.20	.117687	.119411	.120537	.121163	.121369	.121222	1.20
1.30	.123938	.123108	.122015	.120710	.119234	.117620	1.30
1.40	.126718	.123868	.121049	.118266	.115524	.112825	1.40
1.50	.126593	.122229	.118138	.114285	.110642	.107185	1.50
1.60	.124106	.118689	.113730	.109161	.104928	.100987	1.60
1.70	.119760	.113697	.108217	.103232	.098668	.094466	1.70
1.80	.114013	.107646	.101936	.096780	.092094	.087811	1.80
1.90	.107270	.100878	.095170	.090039	.085395	.081170	1.90
2.00	.099878	.093681	.088156	.083198	.078722	.074658	2.00
2.10	.092132	.086292	.081084	.076409	.072189	.068360	2.10
2.20	.084273	.078905	.074104	.069787	.065884	.062340	2.20
2.30	.076495	.071668	.067332	.063418	.059870	.056640	2.30
2.40	.068947	.064697	.060854	.057366	.054190	.051288	2.40
2.50	.061741	.058075	.054730	.051672	.048870	.046297	2.50
2.60	.054956	.051859	.049000	.046362	.043925	.041672	2.60
2.70	.048642	.046084	.043686	.041446	.039357	.037410	2.70
2.80	.042828	.040765	.038796	.036927	.035163	.033501	2.80
2.90	.037523	.035908	.034327	.032797	.031330	.029931	2.90
3.00	.032722	.031503	.030268	.029043	.027845	.026685	3.00
3.10	.028411	.027535	.026603	.025648	.024689	.023743	3.10
3.20	.024565	.023980	.023311	.022590	.021843	.021085	3.20
3.30	.021156	.020815	.020367	.019848	.019284	.018692	3.30
3.40	.018152	.018009	.017747	.017399	.016991	.016543	3.40
3.50	.015519	.015535	.015424	.015218	.014942	.014618	3.50
3.60	.013222	.013362	.013372	.013283	.013118	.012897	3.60
3.70	.011229	.011461	.011566	.011570	.011497	.011363	3.70
3.80	.009506	.009804	.009981	.010060	.010060	.009998	3.80
3.90	.008024	.008366	.008596	.008731	.008789	.008785	3.90
4.00	.006753	.007122	.007387	.007564	.007668	.007711	4.00
4.10	.005668	.006049	.006336	.006543	.006680	.006760	4.10
4.20	.004745	.005126	.005425	.005651	.005813	.005919	4.20
4.30	.003961	.004334	.004636	.004873	.005051	.005178	4.30
4.40	.003299	.003658	.003955	.004196	.004384	.004525	4.40
4.50	.002742	.003080	.003369	.003608	.003800	.003950	4.50
4.60	.002273	.002589	.002865	.003098	.003291	.003446	4.60
4.70	.001880	.002173	.002433	.002657	.002847	.003003	4.70
4.80	.001552	.001820	.002062	.002276	.002460	.002614	4.80
4.90	.001278	.001522	.001746	.001947	.002124	.002274	4.90

144 PEARSON'S TYPE III FUNCTION—SECOND DERIVATIVE

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
5.00	.000036	.000108	.000232	.000401	.000604	.000825	5.00
5.10	.000022	.000074	.000169	.000305	.000474	.000664	5.10
5.20	.000014	.000051	.000123	.000232	.000371	.000533	5.20
5.30	.000009	.000034	.000089	.000175	.000290	.000427	5.30
5.40	.000005	.000023	.000064	.000132	.000226	.000341	5.40
5.50	.000003	.000015	.000046	.000099	.000175	.000272	5.50
5.60	.000002	.000010	.000032	.000074	.000136	.000216	5.60
5.70	.000001	.000007	.000023	.000055	.000105	.000172	5.70
5.80	.000001	.000004	.000016	.000041	.000081	.000136	5.80
5.90		.000003	.000011	.000030	.000062	.000108	5.90
6.00		.000002	.000008	.000022	.000048	.000085	6.00
6.10		.000001	.000006	.000016	.000036	.000067	6.10
6.20		.000001	.000004	.000012	.000028	.000053	6.20
6.30			.000003	.000009	.000021	.000041	6.30
6.40			.000002	.000006	.000016	.000032	6.40
6.50			.000001	.000005	.000012	.000025	6.50
6.60			.000001	.000003	.000009	.000020	6.60
6.70			.000001	.000002	.000007	.000015	6.70
6.80				.000002	.000005	.000012	6.80
6.90				.000001	.000004	.000009	6.90
7.00				.000001	.000003	.000007	7.00
7.10				.000001	.000002	.000006	7.10
7.20					.000002	.000004	7.20
7.30					.000001	.000003	7.30
7.40					.000001	.000003	7.40
7.50					.000001	.000002	7.50
7.60					.000001	.000002	7.60
7.70						.000001	7.70
7.80						.000001	7.80
7.90						.000001	7.90
8.00						.000001	8.00
8.10							8.10
8.20							8.20
8.30							8.30
8.40							8.40
8.50							8.50
8.60							8.60
8.70							8.70
8.80							8.80
8.90							8.90
9.00							9.00
9.10							9.10
9.20							9.20
9.30							9.30
9.40							9.40
9.50							9.50
9.60							9.60
9.70							9.70
9.80							9.80
9.90							9.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
5.00	.001051	.001270	.001476	.001664	.001832	.001977	5.00
5.10	.000862	.001059	.001247	.001421	.001578	.001717	5.10
5.20	.000706	.000881	.001051	.001212	.001359	.001491	5.20
5.30	.000577	.000732	.000885	.001032	.001169	.001293	5.30
5.40	.000471	.000607	.000745	.000878	.001004	.001121	5.40
5.50	.000383	.000503	.000626	.000747	.000863	.000971	5.50
5.60	.000312	.000416	.000525	.000634	.000740	.000840	5.60
5.70	.000253	.000344	.000440	.000538	.000635	.000727	5.70
5.80	.000205	.000284	.000369	.000456	.000544	.000629	5.80
5.90	.000166	.000234	.000309	.000387	.000466	.000543	5.90
6.00	.000134	.000193	.000258	.000327	.000399	.000469	6.00
6.10	.000108	.000158	.000215	.000277	.000341	.000405	6.10
6.20	.000087	.000130	.000180	.000234	.000291	.000349	6.20
6.30	.000070	.000107	.000150	.000198	.000249	.000301	6.30
6.40	.000056	.000087	.000125	.000167	.000212	.000260	6.40
6.50	.000045	.000072	.000104	.000141	.000181	.000224	6.50
6.60	.000036	.000058	.000086	.000119	.000154	.000193	6.60
6.70	.000029	.000048	.000072	.000100	.000132	.000166	6.70
6.80	.000023	.000039	.000059	.000084	.000112	.000143	6.80
6.90	.000018	.000032	.000049	.000071	.000095	.000123	6.90
7.00	.000015	.000026	.000041	.000059	.000081	.000105	7.00
7.10	.000012	.000021	.000034	.000050	.000069	.000091	7.10
7.20	.000009	.000017	.000028	.000042	.000059	.000078	7.20
7.30	.000007	.000014	.000023	.000035	.000050	.000067	7.30
7.40	.000006	.000011	.000019	.000029	.000042	.000057	7.40
7.50	.000005	.000009	.000016	.000025	.000036	.000049	7.50
7.60	.000004	.000007	.000013	.000021	.000030	.000042	7.60
7.70	.000003	.000006	.000011	.000017	.000026	.000036	7.70
7.80	.000002	.000005	.000009	.000015	.000022	.000031	7.80
7.90	.000002	.000004	.000007	.000012	.000019	.000027	7.90
8.00	.000001	.000003	.000006	.000010	.000016	.000023	8.00
8.10	.000001	.000003	.000005	.000008	.000013	.000019	8.10
8.20	.000001	.000002	.000004	.000007	.000011	.000017	8.20
8.30	.000001	.000002	.000003	.000006	.000010	.000014	8.30
8.40	.000001	.000001	.000003	.000005	.000008	.000012	8.40
8.50		.000001	.000002	.000004	.000007	.000010	8.50
8.60		.000001	.000002	.000003	.000006	.000009	8.60
8.70		.000001	.000002	.000003	.000005	.000008	8.70
8.80		.000001	.000001	.000002	.000004	.000007	8.80
8.90			.000001	.000002	.000003	.000006	8.90
9.00			.000001	.000002	.000003	.000005	9.00
9.10			.000001	.000001	.000002	.000004	9.10
9.20			.000001	.000001	.000002	.000003	9.20
9.30				.000001	.000002	.000003	9.30
9.40				.000001	.000001	.000003	9.40
9.50				.000001	.000001	.000002	9.50
9.60				.000001	.000001	.000002	9.60
9.70					.000001	.000002	9.70
9.80					.000001	.000001	9.80
9.90					.000001	.000001	9.90

146 PEARSON'S TYPE III FUNCTION—SECOND DERIVATIVE

t	SKEWNESS					t
	.0	.1	.2	.3	.4	
10.00						10.00
10.10						10.10
10.20						10.20
10.30						10.30
10.40						10.40
10.50						10.50
10.60						10.60
10.70						10.70
10.80						10.80
10.90						10.90
11.00						11.00
11.10						11.10
11.20						11.20
11.30						11.30
11.40						11.40
11.50						11.50
11.60						11.60
11.70						11.70
11.80						11.80
11.90						11.90
12.00						12.00
12.10						12.10
12.20						12.20
12.30						12.30
12.40						12.40
12.50						12.50
12.60						12.60
12.70						12.70
12.80						12.80
12.90						12.90
13.00						13.00
13.10						13.10
13.20						13.20
13.30						13.30
13.40						13.40
13.50						13.50
13.60						13.60
13.70						13.70
13.80						13.80
13.90						13.90
14.00						14.00
14.10						14.10
14.20						14.20
14.30						14.30
14.40						14.40
14.50						14.50
14.60						14.60
14.70						14.70
14.80						14.80
14.90						14.90

PEARSON'S TYPE III FUNCTION—SECOND DERIVATIVE 147

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
10.00					.000001	.000001	10.00
10.10						.000001	10.10
10.20						.000001	10.20
10.30						.000001	10.30
10.40						.000001	10.40
10.50							10.50
10.60							10.60
10.70							10.70
10.80							10.80
10.90							10.90
11.00							11.00
11.10							11.10
11.20							11.20
11.30							11.30
11.40							11.40
11.50							11.50
11.60							11.60
11.70							11.70
11.80							11.80
11.90							11.90
12.00							12.00
12.10							12.10
12.20							12.20
12.30							12.30
12.40							12.40
12.50							12.50
12.60							12.60
12.70							12.70
12.80							12.80
12.90							12.90
13.00							13.00
13.10							13.10
13.20							13.20
13.30							13.30
13.40							13.40
13.50							13.50
13.60							13.60
13.70							13.70
13.80							13.80
13.90							13.90
14.00							14.00
14.10							14.10
14.20							14.20
14.30							14.30
14.40							14.40
14.50							14.50
14.60							14.60
14.70							14.70
14.80							14.80
14.90							14.90

148 PEARSON'S TYPE III FUNCTION—THIRD DERIVATIVE

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00	.000001						-6.00
-5.90	.000002						-5.90
-5.80	.000004						-5.80
-5.70	.000006						-5.70
-5.60	.000010						-5.60
-5.50	.000016	.000002					-5.50
-5.40	.000026	.000003					-5.40
-5.30	.000042	.000006					-5.30
-5.20	.000067	.000012					-5.20
-5.10	.000105	.000021					-5.10
-5.00	.000164	.000038	.000003				-5.00

t	SKEWNESS					t	
	.6	.7	.8	.9	1.0		1.1
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00							-6.00
-5.90							-5.90
-5.80							-5.80
-5.70							-5.70
-5.60							-5.60
-5.50							-5.50
-5.40							-5.40
-5.30							-5.30
-5.20							-5.20
-5.10							-5.10
-5.00							-5.00

150 PEARSON'S TYPE III FUNCTION—THIRD DERIVATIVE

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-4.90	.000251	.000067	.000006				-4.90
-4.80	.000381	.000116	.000014				-4.80
-4.70	.000572	.000196	.000029				-4.70
-4.60	.000847	.000326	.000060				-4.60
-4.50	.001241	.000531	.000120				-4.50
-4.40	.001795	.000850	.000230	.000016			-4.40
-4.30	.002567	.001336	.000427	.000043			-4.30
-4.20	.003624	.002060	.000768	.000109			-4.20
-4.10	.005054	.003119	.001340	.000255			-4.10
-4.00	.006959	.004637	.002267	.000563	.000018		-4.00
-3.90	.009460	.006766	.003724	.001168	.000073		-3.90
-3.80	.012692	.009694	.005942	.002293	.000251		-3.80
-3.70	.016801	.013632	.009213	.004267	.000740		-3.70
-3.60	.021940	.018816	.013889	.007556	.001917		-3.60
-3.50	.028253	.025486	.020368	.012760	.004442	.000178	-3.50
-3.40	.035863	.033867	.029060	.020595	.009325	.000949	-3.40
-3.30	.044851	.044140	.040347	.031834	.017934	.003585	-3.30
-3.20	.055235	.056401	.054515	.047196	.031871	.010507	-3.20
-3.10	.066940	.070617	.071673	.067197	.052709	.025309	-3.10
-3.00	.079773	.086578	.091666	.091968	.081588	.052096	-3.00
-2.90	.093389	.103848	.113982	.121059	.118728	.094158	-2.90
-2.80	.107270	.121725	.137680	.153273	.162975	.152364	-2.80
-2.70	.120705	.139216	.161342	.186568	.211485	.223811	-2.70
-2.60	.132787	.155031	.183074	.218055	.263099	.301307	-2.60
-2.50	.142417	.167610	.200569	.244130	.301543	.373931	-2.50
-2.40	.148341	.175189	.211232	.260747	.330213	.428654	-2.40
-2.30	.149198	.175896	.212378	.263811	.338890	.452620	-2.30
-2.20	.143601	.167894	.201481	.249661	.321821	.435578	-2.20
-2.10	.130235	.149545	.176464	.215583	.275271	.371893	-2.10
-2.00	.107982	.119605	.135996	.160271	.198270	.261753	-2.00
-1.90	.076048	.077409	.079756	.084193	.093031	.111349	-1.90
-1.80	.034106	.023049	.008637	-.010236	-.035083	-.067918	-1.80
-1.70	-.017587	-.042496	-.075148	-.118678	-.177972	-.260996	-1.70
-1.60	-.078088	-.117286	-.168089	-.235127	-.325592	-.451173	-1.60
-1.50	-.145707	-.198427	-.265531	-.352360	-.466992	-.622148	-1.50
-1.40	-.218003	-.282164	-.361956	-.462545	-.591433	-.759871	-1.40
-1.30	-.291841	-.364068	-.451376	-.557937	-.689459	-.853914	-1.30
-1.20	-.363516	-.439306	-.527799	-.631571	-.753783	-.898261	-1.20
-1.10	-.428951	-.502977	-.561923	-.677890	-.779897	-.891507	-1.10
-1.00	-.483941	-.550479	-.531037	-.693231	-.766350	-.836520	-1.00
-.90	-.524454	-.577893	-.629285	-.676116	-.714713	-.739705	-.90
-.80	-.546938	-.582320	-.610227	-.627340	-.629237	-.610023	-.80
-.70	-.548630	-.562167	-.563714	-.549840	-.516310	-.457901	-.70
-.60	-.527828	-.517322	-.491807	-.448387	-.383756	-.294180	-.60
-.50	-.484090	-.449217	-.398197	-.329133	-.240099	-.129206	-.50
-.40	-.418355	-.360770	-.287898	-.199071	-.093846	-.027898	-.40
-.30	-.332952	-.256192	-.166859	-.065468	.047137	.169710	-.30
-.20	-.231497	-.140701	-.041502	.064673	.176110	.290779	-.20
-.10	-.118689	-.020144	.081750	.185082	.287793	.387675	-.10
.00	.000000	.099416	.196913	.290583	.378529	.458881	.00

PEARSON'S TYPE III FUNCTION—THIRD DERIVATIVE 151

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
-4.90							-4.90
-4.80							-4.80
-4.70							-4.70
-4.60							-4.60
-4.50							-4.50
-4.40							-4.40
-4.30							-4.30
-4.20							-4.20
-4.10							-4.10
-4.00							-4.00
-3.90							-3.90
-3.80							-3.80
-3.70							-3.70
-3.60							-3.60
-3.50							-3.50
-3.40							-3.40
-3.30							-3.30
-3.20	.000428						-3.20
-3.10	.001108						-3.10
-3.00	.008908						-3.00
-2.90	.034461						-2.90
-2.80	.091644						-2.80
-2.70	.186439	.037335					-2.70
-2.60	.311828	.179031					-2.60
-2.50	.447156	.424944					-2.50
-2.40	.563261	.699116	.412736				-2.40
-2.30	.630460	.904484	1.154771				-2.30
-2.20	.626233	.968743	1.606671	1.308533			-2.20
-2.10	.540369	.864479	1.580220	3.463876			-2.10
-2.00	.376624	.607660	1.150250	2.823381			-2.00
-1.90	.151178	.244293	.489790	1.298782	6.008392		-1.90
-1.80	-.111123	-.166161	-.226346	-.233321	.314604	26.296986	-1.80
-1.70	-.381520	-.565200	-.865030	-1.409161	-2.599172	-6.749225	-1.70
-1.60	-.631967	-.905133	-1.346380	-2.132746	-3.776760	-8.464687	-1.60
-1.50	-.838850	-1.154030	-1.637910	-2.439060	-3.924047	-7.246598	-1.50
-1.40	-.985394	-1.296626	-1.743088	-2.417049	-3.508310	-5.465547	-1.40
-1.30	-1.062686	-1.332423	-1.688081	-2.167842	-2.830276	-3.758660	-1.30
-1.20	-1.069482	-1.272258	-1.510562	-1.783859	-2.076035	-2.320434	-1.20
-1.10	-1.011123	-1.134368	-1.251236	-1.340054	-1.354128	-1.190123	-1.10
-1.00	-.897900	-.940660	-.948168	-.891892	-.721788	-.347336	-1.00
-.90	-.743216	-.713610	-.633538	-.476810	-.203287	.249654	-.90
-.80	-.561803	-.473971	-.332221	-.117191	.197402	.647237	-.80
-.70	-.368188	-.239300	-.061661	.176251	.488027	.889156	-.70
-.60	-.175509	-.023216	.167459	.401253	.682370	1.013589	-.60
-.50	.005280	.164776	.350128	.561253	.796593	1.052338	-.50
-.40	.165834	.319034	.485754	.663162	.846984	1.031034	-.40
-.30	.300524	.437271	.576943	.715691	.848660	.969782	-.30
-.20	.406299	.519904	.628401	.728128	.814903	.883974	-.20
-.10	.482370	.569371	.646021	.709516	.756908	.785099	-.10
.00	.529797	.589476	.636159	.668143	.683784	.681502	.00

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
.00	.000000	.099416	.196913	.290583	.378529	.458881	.00
.10	.118689	.212123	.298828	.377333	.446308	.504560	.10
.20	.231497	.312723	.383442	.442932	.490655	.526245	.20
.30	.332952	.396892	.447991	.486405	.512433	.526493	.30
.40	.418355	.461478	.491064	.508096	.513583	.508539	.40
.50	.484090	.504634	.512563	.509471	.496829	.475980	.50
.60	.527828	.525849	.513571	.492878	.465389	.432494	.60
.70	.548630	.525878	.496156	.461276	.422704	.381621	.70
.80	.546938	.506577	.463119	.417974	.372202	.326592	.80
.90	.524454	.470682	.417735	.366379	.317109	.270225	.90
1.00	.483941	.421543	.363493	.309789	.260310	.214859	1.00
1.10	.4328951	.362844	.303855	.251224	.204259	.162335	1.10
1.20	.363516	.298335	.242061	.193306	.150934	.114009	1.20
1.30	.291841	.231592	.180974	.138185	.101825	.070791	1.30
1.40	.218003	.165822	.122976	.087512	.057959	.033194	1.40
1.50	.145707	.103725	.069917	.042440	.019940	.001404	1.50
1.60	.078088	.047402	.023097	.003664	-.011988	-.024665	1.60
1.70	.017587	-.001667	-.016702	-.028531	-.037884	-.045300	1.70
1.80	-.034106	-.042615	-.049166	-.054198	-.058037	-.060934	1.80
1.90	-.076048	-.075129	-.074377	-.073658	-.072905	-.072092	1.90
2.00	-.107982	-.099370	-.092732	-.087429	-.083057	-.079351	2.00
2.10	-.130235	-.115877	-.101088	-.096161	-.091923	-.088300	2.10
2.20	-.143601	-.125462	-.111534	-.100572	-.091752	-.084515	2.20
2.30	-.149198	-.129110	-.113618	-.101402	-.091579	-.083537	2.30
2.40	-.148341	-.127891	-.111985	-.099375	-.089202	-.080863	2.40
2.50	-.142417	-.122878	-.107484	-.095167	-.085165	-.076931	2.50
2.60	-.132787	-.115092	-.100896	-.089387	-.079949	-.072122	2.60
2.70	-.120705	-.105455	-.092916	-.082565	-.073964	-.066758	2.70
2.80	-.107270	-.094763	-.084134	-.075151	-.067554	-.061105	2.80
2.90	-.093389	-.083674	-.075038	-.067508	-.060996	-.055373	2.90
3.00	-.079773	-.072706	-.066010	-.059925	-.054507	-.049728	3.00
3.10	-.066940	-.062242	-.057337	-.052617	-.048251	-.044293	3.10
3.20	-.055235	-.052547	-.049222	-.045738	-.042343	-.039155	3.20
3.30	-.044851	-.043785	-.041793	-.039388	-.036861	-.034374	3.30
3.40	-.035863	-.036031	-.035120	-.033623	-.031849	-.029982	3.40
3.50	-.028253	-.029301	-.029225	-.028467	-.027326	-.025994	3.50
3.60	-.021940	-.023558	-.024094	-.023915	-.023291	-.022409	3.60
3.70	-.016801	-.018734	-.019688	-.019942	-.019729	-.019217	3.70
3.80	-.012692	-.014741	-.015951	-.016514	-.016613	-.016396	3.80
3.90	-.009460	-.011481	-.012818	-.013583	-.013911	-.013924	3.90
4.00	-.006959	-.008854	-.010220	-.011101	-.011586	-.011771	4.00
4.10	-.005054	-.006762	-.008087	-.009017	-.009601	-.009908	4.10
4.20	-.003624	-.005116	-.006352	-.007281	-.007917	-.008306	4.20
4.30	-.002567	-.003835	-.004954	-.005845	-.006498	-.006936	4.30
4.40	-.001795	-.002849	-.003837	-.004667	-.005309	-.005770	4.40
4.50	-.001241	-.002098	-.002952	-.003707	-.004320	-.004783	4.50
4.60	-.000847	-.001532	-.002257	-.002929	-.003500	-.003952	4.60
4.70	-.000572	-.001109	-.001714	-.002303	-.002824	-.003254	4.70
4.80	-.000381	-.000797	-.001294	-.001802	-.002270	-.002671	4.80
4.90	-.000251	-.000567	-.000971	-.001403	-.001818	-.002185	4.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
.00	.529797	.589476	.636159	.668143	.683784	.681502	.00
.10	.551037	.584817	.605109	.611252	.602702	.579038	.10
.20	.549488	.560304	.558735	.544926	.519119	.481635	.20
.30	.529089	.520796	.502242	.474090	.437027	.391754	.30
.40	.493963	.470827	.440067	.402580	.359212	.310764	.40
.50	.448147	.414435	.375840	.333257	.287486	.239240	.50
.60	.395381	.355065	.312408	.268145	.222899	.177193	.60
.70	.338975	.295532	.251902	.208570	.165921	.124257	.70
.80	.281727	.238034	.195818	.155271	.116596	.079819	.80
.90	.225895	.184190	.145114	.108629	.074664	.043126	.90
1.00	.173207	.135106	.100308	.068570	.039660	.013358	1.00
1.10	.124896	.091451	.061567	.034861	.010997	-.010321	1.10
1.20	.081756	.053530	.028789	.007081	-.011981	-.028724	1.20
1.30	.044204	.021359	.001684	-.015290	-.029950	-.042616	1.30
1.40	-.012349	-.005260	-.020175	-.032830	-.043577	-.052703	1.40
1.50	-.013939	-.026683	-.037291	-.046132	-.053497	-.059624	1.50
1.60	-.034971	-.043367	-.050211	-.055782	-.060300	-.063943	1.60
1.70	-.051180	-.055831	-.059489	-.062338	-.064522	-.066158	1.70
1.80	-.063078	-.064616	-.065666	-.066316	-.066641	-.066699	1.80
1.90	-.071211	-.070262	-.069251	-.068187	-.067079	-.065933	1.90
2.00	-.076134	-.073284	-.070716	-.068369	-.066198	-.064171	2.00
2.10	-.078386	-.074165	-.070483	-.067227	-.064311	-.061674	2.10
2.20	-.078470	-.073341	-.068926	-.065077	-.061682	-.058657	2.20
2.30	-.076847	-.071200	-.066369	-.062188	-.058529	-.055295	2.30
2.40	-.073926	-.068078	-.063089	-.058785	-.055032	-.051731	2.40
2.50	-.070062	-.064265	-.059318	-.055052	-.051338	-.048078	2.50
2.60	-.065560	-.060001	-.055245	-.051139	-.047563	-.044424	2.60
2.70	-.060671	-.055484	-.051027	-.047167	-.043798	-.040837	2.70
2.80	-.055600	-.050872	-.046785	-.043228	-.040113	-.037366	2.80
2.90	-.050510	-.046291	-.042614	-.039394	-.036558	-.034049	2.90
3.00	-.045527	-.041835	-.038585	-.035715	-.033172	-.030910	3.00
3.10	-.040742	-.037573	-.034748	-.032229	-.029979	-.027964	3.10
3.20	-.036222	-.033553	-.031138	-.028959	-.026994	-.025220	3.20
3.30	-.032010	-.029807	-.027777	-.025918	-.024223	-.022679	3.30
3.40	-.028130	-.026350	-.024674	-.023113	-.021670	-.020340	3.40
3.50	-.024591	-.023190	-.021833	-.020542	-.019329	-.018198	3.50
3.60	-.021394	-.020323	-.019249	-.018200	-.017196	-.016243	3.60
3.70	-.018527	-.017741	-.016913	-.016078	-.015259	-.014468	3.70
3.80	-.015976	-.015430	-.014814	-.014165	-.013509	-.012861	3.80
3.90	-.013720	-.013373	-.012936	-.012447	-.011933	-.011411	3.90
4.00	-.011738	-.011552	-.011264	-.010911	-.010519	-.010107	4.00
4.10	-.010005	-.009948	-.009783	-.009543	-.009255	-.008937	4.10
4.20	-.008499	-.008542	-.008475	-.008328	-.008127	-.007890	4.20
4.30	-.007196	-.007314	-.007324	-.007253	-.007125	-.006955	4.30
4.40	-.006073	-.006246	-.006315	-.006305	-.006236	-.006123	4.40
4.50	-.005110	-.005320	-.005433	-.005471	-.005449	-.005383	4.50
4.60	-.004288	-.004520	-.004665	-.004738	-.004754	-.004726	4.60
4.70	-.003588	-.003832	-.003998	-.004097	-.004142	-.004145	4.70
4.80	-.002994	-.003241	-.003419	-.003537	-.003604	-.003631	4.80
4.90	-.002492	-.002736	-.002919	-.003049	-.003132	-.003177	4.90

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t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
5.00	-.000164	-.000401	-.000724	-.001088	-.001450	-.001783	5.00
5.10	-.000105	-.000281	-.000537	-.000840	-.001153	-.001450	5.10
5.20	-.000067	-.000196	-.000396	-.000645	-.000914	-.001177	5.20
5.30	-.000042	-.000135	-.000291	-.000494	-.000722	-.000952	5.30
5.40	-.000026	-.000092	-.000212	-.000377	-.000568	-.000768	5.40
5.50	-.000016	-.000063	-.000154	-.000286	-.000446	-.000619	5.50
5.60	-.000010	-.000042	-.000111	-.000216	-.000349	-.000497	5.60
5.70	-.000006	-.000028	-.000080	-.000163	-.000272	-.000398	5.70
5.80	-.000004	-.000019	-.000057	-.000122	-.000212	-.000318	5.80
5.90	-.000002	-.000013	-.000041	-.000091	-.000164	-.000254	5.90
6.00	-.000001	-.000008	-.000029	-.000068	-.000127	-.000202	6.00
6.10		-.000005	-.000020	-.000051	-.000098	-.000160	6.10
6.20		-.000003	-.000014	-.000037	-.000075	-.000127	6.20
6.30		-.000002	-.000010	-.000028	-.000058	-.000101	6.30
6.40		-.000001	-.000007	-.000020	-.000044	-.000079	6.40
6.50		-.000001	-.000005	-.000015	-.000034	-.000063	6.50
6.60			-.000003	-.000011	-.000026	-.000049	6.60
6.70			-.000002	-.000008	-.000020	-.000039	6.70
6.80			-.000002	-.000006	-.000015	-.000030	6.80
6.90			-.000001	-.000004	-.000011	-.000024	6.90
7.00			-.000001	-.000003	-.000009	-.000018	7.00
7.10				-.000002	-.000006	-.000014	7.10
7.20				-.000002	-.000005	-.000011	7.20
7.30				-.000001	-.000004	-.000009	7.30
7.40				-.000001	-.000003	-.000007	7.40
7.50				-.000001	-.000002	-.000005	7.50
7.60					-.000002	-.000004	7.60
7.70					-.000001	-.000003	7.70
7.80					-.000001	-.000002	7.80
7.90					-.000001	-.000002	7.90
8.00						-.000001	8.00
8.10						-.000001	8.10
8.20						-.000001	8.20
8.30						-.000001	8.30
8.40							8.40
8.50							8.50
8.60							8.60
8.70							8.70
8.80							8.80
8.90							8.90
9.00							9.00
9.10							9.10
9.20							9.20
9.30							9.30
9.40							9.40
9.50							9.50
9.60							9.60
9.70							9.70
9.80							9.80
9.90							9.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
5.00	-.002069	-.002304	-.002488	-.002624	-.002719	-.002777	5.00
5.10	-.001714	-.001937	-.002117	-.002256	-.002357	-.002425	5.10
5.20	-.001417	-.001625	-.001798	-.001936	-.002041	-.002116	5.20
5.30	-.001169	-.001361	-.001526	-.001660	-.001765	-.001844	5.30
5.40	-.000962	-.001138	-.001292	-.001421	-.001525	-.001606	5.40
5.50	-.000790	-.000950	-.001093	-.001215	-.001317	-.001397	5.50
5.60	-.000647	-.000792	-.000923	-.001038	-.001135	-.001215	5.60
5.70	-.000530	-.000659	-.000779	-.000886	-.000978	-.001055	5.70
5.80	-.000432	-.000547	-.000656	-.000755	-.000842	-.000916	5.80
5.90	-.000353	-.000454	-.000552	-.000643	-.000724	-.000795	5.90
6.00	-.000287	-.000376	-.000464	-.000547	-.000622	-.000689	6.00
6.10	-.000233	-.000311	-.000389	-.000465	-.000534	-.000597	6.10
6.20	-.000189	-.000257	-.000326	-.000395	-.000459	-.000517	6.20
6.30	-.000153	-.000212	-.000273	-.000335	-.000393	-.000447	6.30
6.40	-.000124	-.000174	-.000229	-.000284	-.000337	-.000387	6.40
6.50	-.000100	-.000144	-.000191	-.000240	-.000288	-.000334	6.50
6.60	-.000080	-.000118	-.000160	-.000203	-.000247	-.000289	6.60
6.70	-.000065	-.000097	-.000133	-.000172	-.000211	-.000249	6.70
6.80	-.000052	-.000079	-.000111	-.000145	-.000180	-.000215	6.80
6.90	-.000042	-.000065	-.000092	-.000123	-.000154	-.000185	6.90
7.00	-.000033	-.000053	-.000077	-.000103	-.000131	-.000160	7.00
7.10	-.000027	-.000044	-.000064	-.000087	-.000112	-.000138	7.10
7.20	-.000021	-.000036	-.000053	-.000073	-.000095	-.000118	7.20
7.30	-.000017	-.000029	-.000044	-.000062	-.000081	-.000102	7.30
7.40	-.000014	-.000024	-.000037	-.000052	-.000069	-.000088	7.40
7.50	-.000011	-.000019	-.000030	-.000044	-.000059	-.000075	7.50
7.60	-.000009	-.000016	-.000025	-.000037	-.000050	-.000065	7.60
7.70	-.000007	-.000013	-.000021	-.000031	-.000043	-.000056	7.70
7.80	-.000005	-.000010	-.000017	-.000026	-.000036	-.000048	7.80
7.90	-.000004	-.000008	-.000014	-.000022	-.000031	-.000041	7.90
8.00	-.000003	-.000007	-.000012	-.000018	-.000026	-.000035	8.00
8.10	-.000003	-.000005	-.000010	-.000015	-.000022	-.000030	8.10
8.20	-.000002	-.000004	-.000008	-.000013	-.000019	-.000026	8.20
8.30	-.000002	-.000004	-.000007	-.000011	-.000016	-.000022	8.30
8.40	-.000001	-.000003	-.000005	-.000009	-.000014	-.000019	8.40
8.50	-.000001	-.000002	-.000004	-.000007	-.000011	-.000016	8.50
8.60	-.000001	-.000002	-.000004	-.000006	-.000010	-.000014	8.60
8.70	-.000001	-.000002	-.000003	-.000005	-.000008	-.000012	8.70
8.80	-.000001	-.000001	-.000002	-.000004	-.000007	-.000010	8.80
8.90		-.000001	-.000002	-.000004	-.000006	-.000009	8.90
9.00		-.000001	-.000002	-.000003	-.000005	-.000008	9.00
9.10		-.000001	-.000001	-.000003	-.000004	-.000006	9.10
9.20		-.000001	-.000001	-.000002	-.000004	-.000005	9.20
9.30			-.000001	-.000002	-.000003	-.000005	9.30
9.40			-.000001	-.000001	-.000003	-.000004	9.40
9.50			-.000001	-.000001	-.000002	-.000003	9.50
9.60			-.000001	-.000001	-.000002	-.000003	9.60
9.70				-.000001	-.000002	-.000002	9.70
9.80				-.000001	-.000001	-.000002	9.80
9.90				-.000001	-.000001	-.000002	9.90

t	SKEWNESS					t
	.0	.1	.2	.3	.4	
10.00						10.00
10.10						10.10
10.20						10.20
10.30						10.30
10.40						10.40
10.50						10.50
10.60						10.60
10.70						10.70
10.80						10.80
10.90						10.90
11.00						11.00
11.10						11.10
11.20						11.20
11.30						11.30
11.40						11.40
11.50						11.50
11.60						11.60
11.70						11.70
11.80						11.80
11.90						11.90
12.00						12.00
12.10						12.10
12.20						12.20
12.30						12.30
12.40						12.40
12.50						12.50
12.60						12.60
12.70						12.70
12.80						12.80
12.90						12.90
13.00						13.00
13.10						13.10
13.20						13.20
13.30						13.30
13.40						13.40
13.50						13.50
13.60						13.60
13.70						13.70
13.80						13.80
13.90						13.90
14.00						14.00
14.10						14.10
14.20						14.20
14.30						14.30
14.40						14.40
14.50						14.50
14.60						14.60
14.70						14.70
14.80						14.80
14.90						14.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
10.00					-.000001	-.000002	10.00
10.10					-.000001	-.000001	10.10
10.20					-.000001	-.000001	10.20
10.30					-.000001	-.000001	10.30
10.40						-.000001	10.40
10.50						-.000001	10.50
10.60						-.000001	10.60
10.70						-.000001	10.70
10.80							10.80
10.90							10.90
11.00							11.00
11.10							11.10
11.20							11.20
11.30							11.30
11.40							11.40
11.50							11.50
11.60							11.60
11.70							11.70
11.80							11.80
11.90							11.90
12.00							12.00
12.10							12.10
12.20							12.20
12.30							12.30
12.40							12.40
12.50							12.50
12.60							12.60
12.70							12.70
12.80							12.80
12.90							12.90
13.00							13.00
13.10							13.10
13.20							13.20
13.30							13.30
13.40							13.40
13.50							13.50
13.60							13.60
13.70							13.70
13.80							13.80
13.90							13.90
14.00							14.00
14.10							14.10
14.20							14.20
14.30							14.30
14.40							14.40
14.50							14.50
14.60							14.60
14.70							14.70
14.80							14.80
14.90							14.90

158 PEARSON'S TYPE III FUNCTION—FOURTH DERIVATIVE

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00	.000007						-6.00
-5.90	.000011						-5.90
-5.80	.000018						-5.80
-5.70	.000030						-5.70
-5.60	.000049						-5.60
-5.50	.000079	.000011					-5.50
-5.40	.000126	.000021					-5.40
-5.30	.000198	.000040					-5.30
-5.20	.000307	.000071					-5.20
-5.10	.000470	.000126					-5.10
-5.00	.000711	.000219	.000023				-5.00

PEARSON'S TYPE III FUNCTION—FOURTH DERIVATIVE 159

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00							-6.00
-5.90							-5.90
-5.80							-5.80
-5.70							-5.70
-5.60							-5.60
-5.50							-5.50
-5.40							-5.40
-5.30							-5.30
-5.20							-5.20
-5.10							-5.10
-5.00							-5.00

160 PEARSON'S TYPE III FUNCTION—FOURTH DERIVATIVE

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-4.90	.001062	.000373	.000050				-4.90
-4.80	.001567	.000621	.000106				-4.80
-4.70	.002283	.001014	.000216				-4.70
-4.60	.003283	.001623	.000424				-4.60
-4.50	.004660	.002547	.000801				-4.50
-4.40	.006526	.003919	.001461	.000165			-4.40
-4.30	.009015	.005910	.002576	.000414			-4.30
-4.20	.012280	.008735	.004392	.000965			-4.20
-4.10	.016488	.012652	.007249	.002098			-4.10
-4.00	.021814	.017953	.011585	.004275	.000270		-4.00
-3.90	.028424	.024952	.017935	.008198	.000964		-3.90
-3.80	.036456	.033952	.026904	.014839	.002892		-3.80
-3.70	.045994	.045210	.039109	.025429	.007498		-3.70
-3.60	.057030	.058872	.055089	.041352	.017134		-3.60
-3.50	.069433	.074908	.075174	.063929	.035043	.003363	-3.50
-3.40	.082896	.093028	.099316	.094085	.064923	.014067	-3.40
-3.30	.096898	.112599	.126916	.131914	.109964	.042678	-3.30
-3.20	.110664	.132568	.156637	.176212	.171459	.101860	-3.20
-3.10	.123133	.151405	.186283	.224065	.247286	.201253	-3.10
-3.00	.132955	.167089	.212736	.270631	.330741	.340245	-3.00
-2.90	.138504	.177145	.232029	.309206	.410203	.502693	-2.90
-2.80	.137931	.178748	.239565	.331680	.470001	.656676	-2.80
-2.70	.129262	.168916	.230499	.329387	.492520	.760190	-2.70
-2.60	.110533	.144769	.200274	.294297	.468964	.771242	-2.60
-2.50	.079973	.103864	.145268	.220393	.364364	.659133	-2.50
-2.40	.036225	.044574	.063483	.105036	.197539	.413477	-2.40
-2.30	-.021415	-.033521	-.044820	-.049946	-.033760	.048415	-2.30
-2.20	-.092745	-.129292	-.176631	-.237650	-.313972	-.398860	-2.20
-2.10	-.176458	-.239792	-.325968	-.446158	-.618703	-.874547	-2.10
-2.00	-.269955	-.360149	-.483969	-.659320	-.917573	-1.317793	-2.00
-1.90	-.369279	-.483634	-.639366	-.858210	-1.178217	-1.671021	-1.90
-1.80	-.469154	-.601945	-.779314	-1.023098	-1.370447	-1.888901	-1.80
-1.70	-.563157	-.705722	-.890510	-1.135663	-1.470408	-1.944452	-1.70
-1.60	-.644051	-.785244	-.960510	-1.181176	-1.463555	-1.831597	-1.60
-1.50	-.704252	-.831283	-.979070	-1.150310	-1.346367	-1.564257	-1.50
-1.40	-.736420	-.836023	-.939371	-1.040370	-1.126539	-1.172695	-1.40
-1.30	-.734126	-.793947	-.838954	-.855748	-.821731	-.698106	-1.30
-1.20	-.692545	-.702593	-.680247	-.607581	-.457192	-.186561	-1.20
-1.10	-.609093	-.563089	-.451878	-.312649	-.062669	.316737	-1.10
-1.00	-.483941	-.380366	-.221798	.008309	.330924	.772172	-1.00
-.90	-.320340	-.163025	.050847	.332640	.694644	1.149001	-.90
-.80	-.124683	.077163	.329834	.637935	1.004102	1.427081	-.80
-.70	.093707	.326094	.596972	.904033	1.241282	1.597145	-.70
-.60	.323095	.568419	.834958	1.114676	1.395475	1.659900	-.60
-.50	.550102	.788781	1.028829	1.258656	1.463382	1.624302	-.50
-.40	.760699	.973094	1.167154	1.330391	1.448486	1.505356	-.40
-.30	.941303	1.109698	1.208438	1.329919	1.359877	1.321796	-.30
-.20	1.079904	1.190311	1.253522	1.262385	1.210756	1.093886	-.20
-.10	1.167080	1.210653	1.201474	1.137122	1.016802	.841546	-.10
.00	1.196827	1.170712	1.093148	.966479	.794593	.582903	.00

PEARSON'S TYPE III FUNCTION—FOURTH DERIVATIVE 161

t	SKEWNESS					t	
	.6	.7	.8	.9	1.0		1.1
-4.90							-4.90
-4.80							-4.80
-4.70							-4.70
-4.60							-4.60
-4.50							-4.50
-4.40							-4.40
-4.30							-4.30
-4.20							-4.20
-4.10							-4.10
-4.00							-4.00
-3.90							-3.90
-3.80							-3.80
-3.70							-3.70
-3.60							-3.60
-3.50							-3.50
-3.40							-3.40
-3.30							-3.30
-3.20	.020824						-3.20
-3.10	.028526						-3.10
-3.00	.147081						-3.00
-2.90	.395781						-2.90
-2.80	.759352						-2.80
-2.70	1.124906	.812211					-2.70
-2.60	1.347521	2.017497					-2.60
-2.50	1.309026	2.763730					-2.50
-2.40	.962273	2.549975	7.177420				-2.40
-2.30	.343284	1.433681	6.605834				-2.30
-2.20	-.445103	-.193679	2.155290	47.637462			-2.20
-2.10	-1.265630	-1.862554	-2.531723	3.046070			-2.10
-2.00	-1.981650	-3.194250	-5.763751	-12.89341			-2.00
-1.90	-2.485037	-3.971531	-7.147354	-16.21020	-75.41929		-1.90
-1.80	-2.712264	-4.138399	-6.952061	-13.86402	-40.95566	-1703.342	-1.80
-1.70	-2.648307	-3.762105	-5.690392	-9.514587	-19.03718	-55.10019	-1.70
-1.60	-2.320871	-2.983216	-3.883787	-5.027707	-5.674726	4.547146	-1.60
-1.50	-1.788663	-1.969634	-1.954736	-1.253452	1.962024	16.717548	-1.50
-1.40	-1.127406	-.882058	-.194341	1.521847	5.860034	17.978712	-1.40
-1.30	-.416546	.147390	1.230284	3.306926	7.396594	15.872761	-1.30
-1.20	.271442	1.024888	2.251319	4.247538	7.511627	12.840068	-1.20
-1.10	.878276	1.695880	2.871243	4.536417	6.834117	9.805846	-1.10
-1.00	1.363543	2.140438	3.136250	4.364950	5.774305	7.121962	-1.00
-.90	1.705324	2.365735	3.114882	3.899959	4.590501	4.896272	-.90
-.80	1.898524	2.397668	2.882507	3.275111	3.437122	3.128725	-.80
-.70	1.951749	2.273015	2.511075	2.590410	2.398938	1.773397	-.70
-.60	1.883508	2.032867	2.063195	1.915738	1.515225	.768222	-.60
-.50	1.718347	1.717661	1.589403	1.296049	.796593	.049368	-.50
-.40	1.483373	1.363810	1.127644	.756864	.236529	-.442085	-.40
-.30	1.205400	1.001743	.704131	.309331	-.180839	-.757437	-.30
-.20	.908852	.655086	.334973	-.045445	-.475651	-.939707	-.20
-.10	.614408	.340679	.028099	-.312925	-.669095	-1.023989	-.10
.00	.338310	.069165	-.214782	-.502446	-.781467	-1.038291	.00

162 PEARSON'S TYPE III FUNCTION—FOURTH DERIVATIVE

t	SKEWNESS						t
	.0	.1	.2	.3	.4	.5	
.00	1.196827	1.170712	1.093148	.966479	.794593	.582903	.00
.10	1.167080	1.074614	.938367	.764534	.560223	.333295	.10
.20	1.079904	.930144	.749299	.545828	.328197	.104721	.20
.30	.941303	.747971	.539336	.324239	.110656	-.094324	.30
.40	.760699	.540662	.321978	.112068	-.083069	-.258707	.40
.50	.550102	.321613	.109835	-.080603	-.246603	-.386303	.50
.60	.323095	.103981	-.086178	-.246284	-.376418	-.477487	.60
.70	.093707	-.100271	-.257417	-.380193	-.471536	-.534582	.70
.80	-.124683	-.281142	-.397824	-.480139	-.533110	-.561286	.80
.90	-.320340	-.431125	-.503997	-.546236	-.563934	-.562147	.90
1.00	-.483941	-.545473	-.575047	-.580507	-.567948	-.542106	1.00
1.10	-.609093	-.622220	-.612288	-.586411	-.549764	-.506123	1.10
1.20	-.692545	-.661971	-.618802	-.568366	-.514257	-.458890	1.20
1.30	-.734126	-.667522	-.598957	-.531300	-.466219	-.404633	1.30
1.40	-.736420	-.643356	-.557907	-.480250	-.410109	-.346993	1.40
1.50	-.704252	-.595087	-.501121	-.420037	-.349867	-.288967	1.50
1.60	-.644051	-.528901	-.433987	-.355027	-.288813	-.232901	1.60
1.70	-.563157	-.451048	-.361482	-.288969	-.229601	-.180529	1.70
1.80	-.469154	-.367406	-.287948	-.224909	-.174230	-.133032	1.80
1.90	-.369279	-.283159	-.216948	-.165165	-.124086	-.091107	1.90
2.00	-.269955	-.202581	-.151207	-.111359	-.080012	-.055060	2.00
2.10	-.176458	-.128927	-.095701	-.064481	-.042394	-.024879	2.10
2.20	-.092745	-.064425	-.042334	-.024976	-.011244	-.000317	2.20
2.30	-.021415	-.010335	-.000806	.007156	.013705	.019042	2.30
2.40	.036225	.032924	.032034	.032252	.032923	.033717	2.40
2.50	.079973	.065624	.056680	.050897	.047011	.044288	2.50
2.60	.110533	.088555	.073917	.063826	.056636	.051348	2.60
2.70	.129262	.102860	.084711	.071857	.062491	.055483	2.70
2.80	.137931	.109882	.090113	.075826	.065250	.057241	2.80
2.90	.138504	.111035	.091177	.076544	.065547	.057123	2.90
3.00	.132955	.107697	.088906	.074760	.063956	.055574	3.00
3.10	.123133	.101141	.084210	.071145	.060979	.052981	3.10
3.20	.110664	.092480	.077881	.066276	.057048	.049668	3.20
3.30	.096898	.082650	.070581	.060636	.052522	.045906	3.30
3.40	.082896	.072394	.062845	.054615	.047688	.041910	3.40
3.50	.069433	.062277	.055085	.048518	.042774	.037852	3.50
3.60	.057030	.052701	.047604	.042570	.037951	.033860	3.60
3.70	.045994	.043925	.040610	.036935	.033342	.030027	3.70
3.80	.036456	.036097	.034233	.031718	.029031	.026420	3.80
3.90	.028424	.029271	.028537	.026980	.025070	.023080	3.90
4.00	.021814	.023440	.023543	.022747	.021485	.020029	4.00
4.10	.016488	.018546	.019233	.019020	.018283	.017274	4.10
4.20	.012280	.014507	.015566	.015781	.015455	.014813	4.20
4.30	.009015	.011224	.012487	.012997	.012982	.012634	4.30
4.40	.006526	.008592	.009933	.010630	.010842	.010722	4.40
4.50	.004660	.006510	.007837	.008636	.009004	.009056	4.50
4.60	.003283	.004884	.006136	.006972	.007438	.007615	4.60
4.70	.002283	.003629	.004768	.005594	.006113	.006375	4.70
4.80	.001567	.002671	.003678	.004463	.005000	.005316	4.80
4.90	.001062	.001948	.002818	.003541	.004071	.004416	4.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
.00	.338310	.069165	-.214782	-.502446	-.781467	-1.038291	.00
.10	.092212	-.154102	-.396402	-.625246	-.831115	-1.004521	.10
.20	-.116564	-.328001	-.522394	-.693075	-.833942	-.939499	.20
.30	-.284508	-.454578	-.600057	-.717270	-.803289	-.855884	.30
.40	-.411246	-.538066	-.637395	-.708191	-.750026	-.762993	.40
.50	-.498817	-.584031	-.642421	-.674916	-.682779	-.667508	.50
.60	-.550963	-.598678	-.622683	-.625131	-.608205	-.574058	.60
.70	-.492063	-.588315	-.584965	-.565132	-.531294	-.485703	.70
.80	-.568715	-.558962	-.535134	-.499924	-.455656	-.404319	.80
.90	-.545052	-.516090	-.478086	-.433353	-.383781	-.330911	.90
1.00	-.506662	-.464476	-.417768	-.368259	-.317280	-.265855	1.00
1.10	-.458242	-.408129	-.357245	-.306646	-.257083	-.251529	1.10
1.20	-.403880	-.350288	-.298798	-.249826	-.203605	-.160241	1.20
1.30	-.346995	-.293466	-.244031	-.198567	-.156889	-.118778	1.30
1.40	-.290326	-.239514	-.193988	-.153216	-.116712	-.084036	1.40
1.50	-.235962	-.189710	-.149257	-.113803	-.082677	-.055313	1.50
1.60	-.185405	-.144850	-.110070	-.080131	-.054280	-.031903	1.60
1.70	-.139641	-.105337	-.076391	-.051849	-.030957	-.013117	1.70
1.80	-.099226	-.071267	-.047991	-.028508	-.012128	.001690	1.80
1.90	-.064367	-.042504	-.024507	-.009608	.002780	.013113	1.90
2.00	-.035003	-.018750	-.005495	.005372	.014313	.021689	2.00
2.10	-.010873	.000404	.009531	.016944	.022980	.027897	2.10
2.20	.008421	.015432	.021068	.025602	.029244	.032158	2.20
2.30	.023361	.026834	.029607	.031802	.033518	.034838	2.30
2.40	.034472	.035112	.035610	.035960	.036170	.036251	2.40
2.50	.042290	.040751	.039506	.038450	.037517	.036664	2.50
2.60	.047337	.044203	.041681	.039598	.037833	.036305	2.60
2.70	.050105	.045878	.042480	.039690	.037353	.035361	2.70
2.80	.051042	.046145	.042202	.038969	.036272	.033988	2.80
2.90	.050547	.045324	.041104	.037639	.034753	.032315	2.90
3.00	.048971	.043689	.039402	.035873	.032930	.030444	3.00
3.10	.046611	.041474	.037279	.033811	.030911	.028459	3.10
3.20	.043716	.038869	.034881	.031567	.028784	.026424	3.20
3.30	.040491	.036031	.032329	.029231	.026616	.024391	3.30
3.40	.037099	.033084	.029716	.026875	.024461	.022396	3.40
3.50	.033670	.030124	.027115	.024552	.022358	.020470	3.50
3.60	.030299	.027226	.024581	.022303	.020336	.018631	3.60
3.70	.027059	.024443	.022154	.020157	.018416	.016894	3.70
3.80	.024000	.021812	.019861	.018134	.016610	.015266	3.80
3.90	.021152	.019356	.017719	.016245	.014927	.013752	3.90
4.00	.018534	.017090	.015738	.014497	.013370	.012353	4.00
4.10	.016154	.015018	.013921	.012889	.011938	.011067	4.10
4.20	.014009	.013141	.012268	.011425	.010629	.009890	4.20
4.30	.012093	.011452	.010773	.010095	.009439	.008819	4.30
4.40	.010393	.009942	.009429	.008894	.008361	.007847	4.40
4.50	.008896	.008600	.008227	.007815	.007390	.006968	4.50
4.60	.007585	.007415	.007158	.006850	.006517	.006176	4.60
4.70	.006443	.006373	.006211	.005990	.005736	.005465	4.70
4.80	.005455	.005462	.005375	.005226	.005038	.004828	4.80
4.90	.004603	.004667	.004641	.004551	.004418	.004258	4.90

164 PEARSON'S TYPE III FUNCTION--FOURTH DERIVATIVE

t	SKEWNESS						t
	.0	.1	.2	.3	.4	.5	
5.00	.000711	.001408	.002144	.002794	.003300	.003654	5.00
5.10	.000470	.001009	.001621	.002193	.002664	.003014	5.10
5.20	.000307	.000717	.001217	.001713	.002142	.002477	5.20
5.30	.000198	.000505	.000909	.001331	.001715	.002029	5.30
5.40	.000126	.000353	.000674	.001030	.001368	.001657	5.40
5.50	.000079	.000245	.000497	.000793	.001087	.001349	5.50
5.60	.000049	.000168	.000365	.000608	.000861	.001095	5.60
5.70	.000030	.000115	.000266	.000464	.000680	.000887	5.70
5.80	.000018	.000078	.000193	.000352	.000535	.000716	5.80
5.90	.000011	.000052	.000139	.000267	.000419	.000577	5.90
6.00	.000007	.000035	.000100	.000202	.000328	.000463	6.00
6.10		.000023	.000071	.000151	.000256	.000371	6.10
6.20		.000015	.000051	.000113	.000199	.000297	6.20
6.30		.000010	.000036	.000084	.000154	.000237	6.30
6.40		.000006	.000025	.000063	.000119	.000188	6.40
6.50		.000004	.000018	.000046	.000092	.000150	6.50
6.60			.000012	.000034	.000070	.000119	6.60
6.70			.000009	.000025	.000054	.000094	6.70
6.80			.000006	.000018	.000041	.000074	6.80
6.90			.000004	.000014	.000032	.000058	6.90
7.00			.000003	.000010	.000024	.000046	7.00
7.10			.000002	.000007	.000018	.000036	7.10
7.20			.000001	.000005	.000014	.000028	7.20
7.30			.000001	.000004	.000010	.000022	7.30
7.40			.000001	.000003	.000008	.000017	7.40
7.50				.000002	.000006	.000013	7.50
7.60				.000001	.000004	.000010	7.60
7.70				.000001	.000003	.000008	7.70
7.80				.000001	.000003	.000006	7.80
7.90					.000002	.000005	7.90
8.00					.000001	.000004	8.00
8.10					.000001	.000003	8.10
8.20					.000001	.000002	8.20
8.30					.000001	.000002	8.30
8.40						.000001	8.40
8.50						.000001	8.50
8.60						.000001	8.60
8.70						.000001	8.70
8.80							8.80
8.90							8.90
9.00							9.00
9.10							9.10
9.20							9.20
9.30							9.30
9.40							9.40
9.50							9.50
9.60							9.60
9.70							9.70
9.80							9.80
9.90							9.90

PEARSON'S TYPE III FUNCTION--FOURTH DERIVATIVE 165

t	SKEWNESS					t	
	.6	.7	.8	.9	1.0		1.1
5.00	.003872	.003977	.003997	.003954	.003867	.003750	5.00
5.10	.003247	.003381	.003436	.003430	.003380	.003299	5.10
5.20	.002715	.002867	.002947	.002970	.002949	.002897	5.20
5.30	.002265	.002426	.002522	.002567	.002570	.002542	5.30
5.40	.001884	.002048	.002155	.002215	.002236	.002227	5.40
5.50	.001563	.001725	.001838	.001908	.001943	.001950	5.50
5.60	.001294	.001450	.001565	.001642	.001686	.001705	5.60
5.70	.001068	.001217	.001330	.001410	.001462	.001489	5.70
5.80	.000880	.001019	.001129	.001210	.001266	.001299	5.80
5.90	.000724	.000852	.000956	.001037	.001095	.001133	5.90
6.00	.000594	.000711	.000809	.000887	.000946	.000987	6.00
6.10	.000486	.000592	.000684	.000758	.000816	.000859	6.10
6.20	.000397	.000493	.000577	.000648	.000704	.000747	6.20
6.30	.000324	.000409	.000486	.000552	.000606	.000649	6.30
6.40	.000264	.000339	.000409	.000470	.000522	.000563	6.40
6.50	.000215	.000281	.000344	.000400	.000449	.000489	6.50
6.60	.000174	.000232	.000289	.000340	.000386	.000424	6.60
6.70	.000141	.000192	.000242	.000289	.000331	.000367	6.70
6.80	.000114	.000158	.000203	.000245	.000284	.000318	6.80
6.90	.000092	.000130	.000170	.000208	.000244	.000275	6.90
7.00	.000074	.000107	.000142	.000176	.000209	.000238	7.00
7.10	.000060	.000088	.000118	.000149	.000179	.000205	7.10
7.20	.000048	.000072	.000099	.000126	.000153	.000177	7.20
7.30	.000039	.000059	.000082	.000107	.000131	.000153	7.30
7.40	.000031	.000048	.000069	.000090	.000112	.000132	7.40
7.50	.000025	.000040	.000057	.000076	.000095	.000114	7.50
7.60	.000020	.000032	.000047	.000064	.000081	.000098	7.60
7.70	.000016	.000026	.000039	.000054	.000069	.000085	7.70
7.80	.000013	.000022	.000033	.000045	.000059	.000073	7.80
7.90	.000010	.000018	.000027	.000038	.000050	.000063	7.90
8.00	.000008	.000014	.000022	.000032	.000043	.000054	8.00
8.10	.000006	.000012	.000019	.000027	.000036	.000046	8.10
8.20	.000005	.000009	.000015	.000023	.000031	.000040	8.20
8.30	.000004	.000008	.000013	.000019	.000026	.000034	8.30
8.40	.000003	.000006	.000011	.000016	.000022	.000029	8.40
8.50	.000002	.000005	.000009	.000013	.000019	.000025	8.50
8.60	.000002	.000004	.000007	.000011	.000016	.000022	8.60
8.70	.000002	.000003	.000006	.000009	.000014	.000019	8.70
8.80	.000001	.000003	.000005	.000008	.000012	.000016	8.80
8.90	.000001	.000002	.000004	.000007	.000010	.000014	8.90
9.00	.000001	.000002	.000003	.000006	.000008	.000012	9.00
9.10	.000001	.000001	.000003	.000005	.000007	.000010	9.10
9.20		.000001	.000002	.000004	.000006	.000009	9.20
9.30		.000001	.000002	.000003	.000005	.000007	9.30
9.40		.000001	.000002	.000003	.000004	.000006	9.40
9.50		.000001	.000001	.000002	.000004	.000005	9.50
9.60			.000001	.000002	.000003	.000005	9.60
9.70			.000001	.000002	.000003	.000004	9.70
9.80			.000001	.000001	.000002	.000003	9.80
9.90			.000001	.000001	.000002	.000003	9.90

t	SKEWNESS					t	
	.6	.7	.8	.9	1.0		1.1
10.00							10.00
10.10							10.10
10.20							10.20
10.30							10.30
10.40							10.40
10.50							10.50
10.60							10.60
10.70							10.70
10.80							10.80
10.90							10.90
11.00							11.00
11.10							11.10
11.20							11.20
11.30							11.30
11.40							11.40
11.50							11.50
11.60							11.60
11.70							11.70
11.80							11.80
11.90							11.90
12.00							12.00
12.10							12.10
12.20							12.20
12.30							12.30
12.40							12.40
12.50							12.50
12.60							12.60
12.70							12.70
12.80							12.80
12.90							12.90
13.00							13.00
13.10							13.10
13.20							13.20
13.30							13.30
13.40							13.40
13.50							13.50
13.60							13.60
13.70							13.70
13.80							13.80
13.90							13.90
14.00							14.00
14.10							14.10
14.20							14.20
14.30							14.30
14.40							14.40
14.50							14.50
14.60							14.60
14.70							14.70
14.80							14.80
14.90							14.90

PEARSON'S TYPE III FUNCTION—FOURTH DERIVATIVE 167

t	SKEWNESS					t	
	.6	.7	.8	.9	1.0		1.1
10.00				.000001	.000002	.000002	10.00
10.10				.000001	.000001	.000002	10.10
10.20				.000001	.000001	.000002	10.20
10.30				.000001	.000001	.000002	10.30
10.40					.000001	.000001	10.40
10.50					.000001	.000001	10.50
10.60					.000001	.000001	10.60
10.70						.000001	10.70
10.80						.000001	10.80
10.90						.000001	10.90
11.00						.000001	11.00
11.10							11.10
11.20							11.20
11.30							11.30
11.40							11.40
11.50							11.50
11.60							11.60
11.70							11.70
11.80							11.80
11.90							11.90
12.00							12.00
12.10							12.10
12.20							12.20
12.30							12.30
12.40							12.40
12.50							12.50
12.60							12.60
12.70							12.70
12.80							12.80
12.90							12.90
13.00							13.00
13.10							13.10
13.20							13.20
13.30							13.30
13.40							13.40
13.50							13.50
13.60							13.60
13.70							13.70
13.80							13.80
13.90							13.90
14.00							14.00
14.10							14.10
14.20							14.20
14.30							14.30
14.40							14.40
14.50							14.50
14.60							14.60
14.70							14.70
14.80							14.80
14.90							14.90

168 PEARSON'S TYPE III FUNCTION—FIFTH DERIVATIVE

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00	.000035						-6.00
-5.90	.000057						-5.90
-5.80	.000093						-5.80
-5.70	.000149						-5.70
-5.60	.000237						-5.60
-5.50	.000372	.000073					-5.50
-5.40	.000575	.000134					-5.40
-5.30	.000879	.000238					-5.30
-5.20	.001326	.000415					-5.20
-5.10	.001974	.000709					-5.10
-5.00	.002899	.001185	.000185				-5.00

t	SKEWNESS					t	
	.6	.7	.8	.9	1.0		1.1
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00							-6.00
-5.90							-5.90
-5.80							-5.80
-5.70							-5.70
-5.60							-5.60
-5.50							-5.50
-5.40							-5.40
-5.30							-5.30
-5.20							-5.20
-5.10							-5.10
-5.00							-5.00

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-4.90	.004199	.001939	.000387				-4.90
-4.80	.005908	.003107	.000775				-4.80
-4.70	.008445	.004872	.001494				-4.70
-4.60	.011715	.007477	.002771				-4.60
-4.50	.016008	.011228	.004953				-4.50
-4.40	.021533	.016492	.008532	.001582			-4.40
-4.30	.028497	.023686	.014175	.003653			-4.30
-4.20	.037077	.033246	.022723	.007821			-4.20
-4.10	.047385	.045577	.035150	.015601			-4.10
-4.00	.059421	.060973	.052467	.029110	.003698		-4.00
-3.90	.073016	.079514	.075548	.050964	.011373		-3.90
-3.80	.087768	.100934	.104865	.083927	.029557		-3.80
-3.70	.102971	.124473	.140154	.130216	.066481		-3.70
-3.60	.117547	.148727	.180029	.190495	.131709		-3.60
-3.50	.130002	.171523	.221615	.262656	.232800	.054837	-3.50
-3.40	.138396	.189842	.260269	.340701	.370353	.176319	-3.40
-3.30	.140362	.199841	.289515	.413951	.532885	.418003	-3.30
-3.20	.133185	.196991	.301268	.467184	.693686	.782995	-3.20
-3.10	.113952	.176376	.286440	.481803	.811755	1.204809	-3.10
-3.00	.079773	.133159	.235965	.438269	.837828	1.548187	-3.00
-2.90	.028105	.063208	.142169	.319573	.724933	1.646581	-2.90
-2.80	-.042873	-.036154	.000387	.115261	.441138	1.361310	-2.80
-2.70	-.133814	-.165339	.189409	.174737	-.018815	.637016	-2.70
-2.60	-.243764	-.321742	-.421241	-.537330	-.629273	-.468718	-2.60
-2.50	-.369738	-.499140	-.682317	-.945332	-.1319247	-1.791490	-2.50
-2.40	-.506424	-.687411	-.953041	-1.358873	-2.008265	-3.097791	-2.40
-2.30	-.646042	-.872660	-1.208037	-1.729252	-2.591569	-4.140341	-2.30
-2.20	-.778443	-1.037858	-1.418202	-2.004833	-2.971517	-4.713838	-2.20
-2.10	-.891503	-1.163872	-1.553678	-2.138166	-3.071825	-4.696711	-2.10
-2.00	-.971838	-1.231255	-1.587421	-2.093193	-2.851085	-4.070717	-2.00
-1.90	-1.005825	-1.223902	-1.498933	-1.851350	-2.310517	-2.917258	-1.90
-1.80	-.980903	-1.126606	-1.277630	-1.415493	-1.493788	-1.394949	-1.80
-1.70	-.887018	-.932582	-.925326	-.810963	-.480907	-.293881	-1.70
-1.60	-.718128	-.642320	-.457386	-.083541	.623876	1.939386	-1.60
-1.50	-.473549	-.265293	.097713	.705429	1.706836	3.356043	-1.50
-1.40	-.158975	.179815	.700455	1.486002	2.659884	4.405508	-1.40
-1.30	.212999	.665911	1.303840	2.187685	3.393671	5.008519	-1.30
-1.20	.623011	1.159322	1.857979	2.747403	3.846966	5.146248	-1.20
-1.10	1.045802	1.622521	2.220861	3.116326	3.991435	4.853130	-1.10
-1.00	1.451824	2.017519	2.635041	3.264706	3.831751	4.204047	-1.00
-.90	1.809510	2.309533	2.788437	3.184231	3.401691	3.298929	-.90
-.80	2.088004	2.470542	2.760718	2.887791	2.757297	2.247383	-.80
-.70	2.260116	2.482291	2.552957	2.406880	1.968436	1.155361	-.70
-.60	2.305168	2.338384	2.181623	1.787195	1.110037	.115043	-.60
-.50	2.211410	2.045193	1.676618	1.083101	.254115	-.801603	-.50
-.40	1.977699	1.621472	1.077996	.351751	-.536640	-1.545714	-.40
-.30	1.614197	1.096704	.438916	-.352453	-1.213257	-2.091401	-.30
-.20	1.141970	.508372	-.214335	-.982478	-1.742756	-2.433363	-.20
-.10	.591463	-.101530	-.815746	-1.501985	-2.108462	-2.583054	-.10
.00	.000000	-.690340	-1.334227	-1.887190	-2.308710	-2.564153	.00

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
-4.90							-4.90
-4.80							-4.80
-4.70							-4.70
-4.60							-4.60
-4.50							-4.50
-4.40							-4.40
-4.30							-4.30
-4.20							-4.20
-4.10							-4.10
-4.00							-4.00
-3.90							-3.90
-3.80							-3.80
-3.70							-3.70
-3.60							-3.60
-3.50							-3.50
-3.40							-3.40
-3.30							-3.30
-3.20	.842257						-3.20
-3.10	.588693						-3.10
-3.00	1.849903						-3.00
-2.90	3.201920						-2.90
-2.80	3.878637						-2.80
-2.70	3.179643	11.313829					-2.70
-2.60	1.068006	11.097192					-2.60
-2.50	-1.918392	2.984160					-2.50
-2.40	-4.953572	-7.118615	30.500628				-2.40
-2.30	-7.249070	-14.50980	-32.96668				-2.30
-2.20	-8.283837	-17.22664	-49.96355	-761.6006			-2.20
-2.10	-7.894204	-15.50871	-41.08784	-260.2257			-2.10
-2.00	-6.243303	-10.76401	-23.00499	-80.70170			-2.00
-1.90	-3.717972	-4.695233	5.185098	3.299597	424.36017		-1.90
-1.80	.802582	1.237087	8.199275	27.923815	274.10548	151.298.68	-1.80
-1.70	2.033508	6.046683	16.148280	46.253906	170.84286	1305.4169	-1.70
-1.60	4.414962	9.245487	19.275092	42.139264	101.07146	238.57941	-1.60
-1.50	6.100725	10.754799	18.822519	32.911782	54.936664	46.225475	-1.50
-1.40	6.990201	10.774953	16.111270	22.634124	25.290674	-10.47424	-1.40
-1.30	7.105003	9.657556	12.273179	13.324788	6.986257	-28.00302	-1.30
-1.20	6.557023	7.802318	8.156143	5.816354	-3.652442	-31.23638	-1.20
-1.10	5.512210	5.585612	4.322899	.283832	-9.225001	-28.90925	-1.10
-1.00	4.156897	3.318942	1.094040	-3.433856	-11.54861	-24.60908	-1.00
-.90	2.670779	1.231482	-1.394055	-5.643201	-11.87573	-19.91430	-.90
-.80	1.208217	-.530420	-3.132533	-6.687731	-11.05453	-15.51779	-.80
-.70	-.112213	-1.893330	-4.191323	-6.890713	-9.646454	-11.69445	-.70
-.60	-1.211125	-2.841685	-4.681987	-6.528740	-8.012009	-8.516467	-.60
-.50	-2.046433	-3.401428	-4.730771	-5.823350	-6.372745	-5.959217	-.50
-.40	-2.608007	-3.624745	-4.461008	-4.952497	-4.855811	-3.955431	-.40
-.30	-2.910524	-3.577221	-3.982722	-4.006892	-3.525641	-2.423242	-.30
-.20	-2.985855	-3.327957	-3.387561	-3.098185	-2.406236	-1.280497	-.20
-.10	-2.875929	-2.942594	-2.747366	-2.267305	-1.496634	-.451666	-.10
.00	-2.626655	-2.478942	-2.115071	-1.542070	-.781467	.129293	.00

t	SKEWNESS						t
	.0	.1	.2	.3	.4	.5	
.00	.000000	-.690340	-1.334227	-1.887190	-2.308710	-2.564153	.00
.10	-.591463	-1.218512	-1.740924	-2.127279	-2.354389	-2.407989	.10
.20	-1.141970	-1.652927	-2.017921	-2.223557	-2.265822	-2.149357	.20
.30	-1.614197	-1.969413	-2.158675	-2.187627	-2.069421	-1.823040	.30
.40	-1.977699	-2.154258	-2.167343	-2.038926	-1.794478	-1.461172	.40
.50	-2.211410	-2.204630	-2.057225	-1.801983	-1.470374	-1.091458	.50
.60	-2.305168	-2.127944	-1.848575	-1.503696	-1.124365	-.736196	.60
.70	-2.260116	-1.940344	-1.566096	-1.170883	-.780005	-.411955	.70
.80	-2.088004	-1.664529	-1.236393	-.828287	-.456215	-.129776	.80
.90	-1.809510	-1.327212	-.885638	-.497116	-.166914	.104257	.90
1.00	-1.451824	-.956507	-.537636	-.194147	.078882	.288242	1.00
1.10	-1.045802	-.579507	-.212395	.068637	.276614	.423568	1.10
1.20	-.623011	-.220265	.074750	.283975	.425507	.514034	1.20
1.30	-.212999	.101683	.313476	.448891	.527781	.565021	1.30
1.40	.158975	.372194	.498348	.564042	.587834	.582781	1.40
1.50	.473549	.582793	.628327	.632916	.611467	.573849	1.50
1.60	.718128	.730424	.706022	.661016	.605202	.544590	1.60
1.70	.887018	.816786	.736813	.655060	.575716	.500885	1.70
1.80	.980903	.847379	.727921	.622290	.529406	.447918	1.80
1.90	1.005825	.830419	.687550	.569897	.472079	.390073	1.90
2.00	.971838	.775717	.624121	.504581	.408762	.330901	2.00
2.10	.891503	.693655	.539812	.432255	.343601	.273145	2.10
2.20	.778443	.594315	.459374	.357869	.279854	.218807	2.20
2.30	.646042	.486812	.371323	.285342	.219924	.169238	2.30
2.40	.506424	.378852	.286324	.217579	.165452	.125239	2.40
2.50	.369738	.276486	.207918	.156549	.117416	.087165	2.50
2.60	.243764	.184060	.138447	.103403	.076253	.055028	2.60
2.70	.133814	.104303	.079202	.058616	.041973	.028582	2.70
2.80	.042873	.038519	.030597	.022127	.014271	.007408	2.80
2.90	-.028105	-.013156	-.007636	-.006517	-.003734	-.009025	2.90
3.00	-.079773	-.051472	-.036256	-.028035	-.023621	-.021303	3.00
3.10	-.113952	-.077795	-.056342	-.043304	-.035192	-.030026	3.10
3.20	-.133185	-.093851	-.069144	-.053270	-.042824	-.035779	3.20
3.30	-.140362	-.101518	-.075965	-.058881	-.047229	-.039110	3.30
3.40	-.138396	-.102660	-.078070	-.061034	-.049067	-.040516	3.40
3.50	-.130002	-.099010	-.076622	-.060545	-.048929	-.040438	3.50
3.60	-.117547	-.092091	-.072649	-.058132	-.047331	-.039253	3.60
3.70	-.102971	-.083181	-.067016	-.054399	-.044709	-.037282	3.70
3.80	-.087768	-.073300	-.060432	-.049848	-.041420	-.034789	3.80
3.90	-.073016	-.063224	-.053446	-.044873	-.037754	-.031983	3.90
4.00	-.059421	-.053504	-.046473	-.039778	-.033935	-.029033	4.00
4.10	-.047385	-.044506	-.039802	-.034788	-.030132	-.026066	4.10
4.20	-.037077	-.036442	-.033627	-.030057	-.026465	-.023173	4.20
4.30	-.028497	-.029405	-.028056	-.025686	-.023019	-.020423	4.30
4.40	-.021533	-.023405	-.023139	-.021731	-.019844	-.017856	4.40
4.50	-.016008	-.018390	-.018880	-.018216	-.016969	-.015501	4.50
4.60	-.011715	-.014274	-.015250	-.015138	-.014402	-.013367	4.60
4.70	-.008445	-.010951	-.012201	-.012480	-.012138	-.011456	4.70
4.80	-.005998	-.008308	-.009674	-.010210	-.010164	-.009763	4.80
4.90	-.004199	-.006235	-.007605	-.008294	-.008459	-.008277	4.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
.00	-2.626655	-2.478942	-2.115071	-1.542070	-.781467	.129293	.00
.10	-2.283191	-1.984713	-1.526917	-.933664	-.238010	.518231	.10
.20	-1.886598	-1.496838	-1.005251	-.441900	.159245	.761246	.20
.30	-1.471780	-1.041901	-.561462	-.059315	.435740	.895647	.30
.40	-1.066503	-.637251	-.198726	.225751	.615190	.951124	.40
.50	-.691263	-.292484	.085577	.426932	.718714	.950936	.50
.60	-.359748	.011045	.297857	.558300	.764493	.913026	.60
.70	-.225920	.208228	.446717	.633354	.767747	.851009	.70
.80	.146078	.369701	.541745	.664415	.740914	.775038	.80
.90	.318539	.479757	.592641	.652309	.693932	.692521	.90
1.00	.441406	.545840	.608622	.636249	.634561	.608726	1.00
1.10	.520183	.575713	.598052	.593860	.568717	.577633	1.10
1.20	.561361	.576925	.568240	.541282	.500789	.450516	1.20
1.30	.571777	.556451	.525374	.483328	.433925	.379892	1.30
1.40	.558132	.520476	.474525	.423655	.370284	.316137	1.40
1.50	.526650	.474288	.419728	.364948	.311256	.259494	1.50
1.60	.482864	.422255	.364084	.309088	.257638	.209867	1.60
1.70	.431504	.367861	.309884	.257311	.209788	.166927	1.70
1.80	.376465	.313781	.258737	.210344	.167746	.130204	1.80
1.90	.320823	.261975	.211694	.168529	.131325	.099148	1.90
2.00	.266905	.213795	.169358	.131919	.100192	.073173	2.00
2.10	.216372	.170089	.131987	.100359	.073921	.051692	2.10
2.20	.170315	.131304	.099584	.073557	.052040	.034138	2.20
2.30	.129359	.097575	.071962	.051132	.034060	.019978	2.30
2.40	.093758	.068803	.048813	.032656	.019500	.008722	2.40
2.50	.063480	.044730	.029747	.017680	.007898	-.000073	2.50
2.60	.038290	.024986	.014337	.005763	-.001173	-.006804	2.60
2.70	.017813	.009140	.002140	-.003520	-.008104	-.011818	2.70
2.80	.001587	-.003268	-.007278	-.010566	-.013247	-.015421	2.80
2.90	-.010892	-.012701	-.014329	-.015735	-.016912	-.017873	2.90
3.00	-.020139	-.019603	-.019397	-.019351	-.019371	-.019401	3.00
3.10	-.026654	-.024392	-.022826	-.021702	-.020858	-.020195	3.10
3.20	-.030906	-.027448	-.024896	-.023035	-.021575	-.020415	3.20
3.30	-.033325	-.029108	-.025964	-.023565	-.021691	-.020194	3.30
3.40	-.034291	-.029671	-.026174	-.023474	-.021349	-.019643	3.40
3.50	-.034138	-.029390	-.025751	-.022914	-.020666	-.018853	3.50
3.60	-.033150	-.028481	-.024861	-.022012	-.019739	-.017898	3.60
3.70	-.031565	-.027125	-.023639	-.020872	-.018646	-.016835	3.70
3.80	-.029578	-.025466	-.022198	-.019576	-.017452	-.015712	3.80
3.90	-.027346	-.023624	-.020624	-.018192	-.016204	-.014566	3.90
4.00	-.024995	-.021691	-.018989	-.016772	-.014943	-.013424	4.00
4.10	-.022619	-.019739	-.017345	-.015355	-.013696	-.012307	4.10
4.20	-.020290	-.017822	-.015732	-.013971	-.012486	-.011232	4.20
4.30	-.018059	-.015979	-.014182	-.012643	-.011329	-.010208	4.30
4.40	-.015959	-.014236	-.012712	-.011384	-.010235	-.009243	4.40
4.50	-.014014	-.012611	-.011337	-.010205	-.009210	-.008341	4.50
4.60	-.012233	-.011113	-.010064	-.009111	-.008258	-.007504	4.60
4.70	-.010621	-.009747	-.008897	-.008104	-.007381	-.006732	4.70
4.80	-.009176	-.008511	-.007834	-.007183	-.006573	-.006023	4.80
4.90	-.007890	-.007401	-.006873	-.006347	-.005844	-.005377	4.90

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
5.00	-.002899	-.004632	-.005930	-.006692	-.007000	-.006981	5.00
5.10	-.001974	-.003406	-.004587	-.005365	-.005761	-.005861	5.10
5.20	-.001326	-.002481	-.003522	-.004275	-.004717	-.004899	5.20
5.30	-.000879	-.001790	-.002685	-.003386	-.003843	-.004078	5.30
5.40	-.000575	-.001279	-.002032	-.002667	-.003117	-.003381	5.40
5.50	-.000372	-.000906	-.001528	-.002090	-.002516	-.002793	5.50
5.60	-.000237	-.000637	-.001141	-.001629	-.002023	-.002298	5.60
5.70	-.000149	-.000443	-.000847	-.001263	-.001620	-.001885	5.70
5.80	-.000093	-.000306	-.000625	-.000972	-.001292	-.001541	5.80
5.90	-.000057	-.000210	-.000458	-.000749	-.001026	-.001256	5.90
6.00	-.000035	-.000142	-.000334	-.000572	-.000812	-.001020	6.00
6.10		-.000096	-.000242	-.000436	-.000641	-.000826	6.10
6.20		-.000064	-.000174	-.000330	-.000504	-.000668	6.20
6.30		-.000043	-.000125	-.000249	-.000395	-.000538	6.30
6.40		-.000028	-.000089	-.000188	-.000308	-.000432	6.40
6.50		-.000018	-.000063	-.000140	-.000240	-.000346	6.50
6.60		-.000012	-.000045	-.000105	-.000186	-.000277	6.60
6.70			-.000031	-.000078	-.000144	-.000221	6.70
6.80			-.000022	-.000058	-.000111	-.000176	6.80
6.90			-.000015	-.000043	-.000086	-.000140	6.90
7.00			-.000011	-.000031	-.000066	-.000111	7.00
7.10			-.000007	-.000023	-.000050	-.000087	7.10
7.20			-.000005	-.000017	-.000038	-.000069	7.20
7.30			-.000003	-.000012	-.000029	-.000054	7.30
7.40			-.000002	-.000009	-.000022	-.000043	7.40
7.50				-.000006	-.000017	-.000034	7.50
7.60				-.000005	-.000013	-.000026	7.60
7.70				-.000003	-.000010	-.000021	7.70
7.80				-.000002	-.000007	-.000016	7.80
7.90				-.000002	-.000005	-.000012	7.90
8.00				-.000001	-.000004	-.000010	8.00
8.10					-.000003	-.000007	8.10
8.20					-.000002	-.000006	8.20
8.30					-.000002	-.000005	8.30
8.40					-.000001	-.000004	8.40
8.50						-.000003	8.50
8.60						-.000002	8.60
8.70						-.000002	8.70
8.80						-.000001	8.80
8.90						-.000001	8.90
9.00						-.000001	9.00
9.10							9.10
9.20							9.20
9.30							9.30
9.40							9.40
9.50							9.50
9.60							9.60
9.70							9.70
9.80							9.80
9.90							9.90

PEARSON'S TYPE III FUNCTION—FIFTH DERIVATIVE 175

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
5.00	-.006755	-.006411	-.006010	-.005592	-.005180	-.004788	5.00
5.10	-.005760	-.005534	-.005239	-.004913	-.004580	-.004256	5.10
5.20	-.004893	-.004761	-.004553	-.004305	-.004040	-.003775	5.20
5.30	-.004141	-.004083	-.003946	-.003763	-.003557	-.003343	5.30
5.40	-.003493	-.003451	-.003411	-.003282	-.003125	-.002955	5.40
5.50	-.002937	-.002977	-.002942	-.002857	-.002741	-.002608	5.50
5.60	-.002461	-.002531	-.002531	-.002482	-.002400	-.002298	5.60
5.70	-.002057	-.002147	-.002173	-.002151	-.002097	-.002022	5.70
5.80	-.001714	-.001817	-.001862	-.001862	-.001830	-.001777	5.80
5.90	-.001425	-.001534	-.001592	-.001609	-.001595	-.001559	5.90
6.00	-.001181	-.001292	-.001358	-.001387	-.001388	-.001367	6.00
6.10	-.000977	-.001086	-.001157	-.001195	-.001206	-.001197	6.10
6.20	-.000806	-.000911	-.000984	-.001027	-.001046	-.001047	6.20
6.30	-.000663	-.000763	-.000835	-.000882	-.000907	-.000914	6.30
6.40	-.000545	-.000638	-.000708	-.000756	-.000785	-.000798	6.40
6.50	-.000447	-.000532	-.000599	-.000648	-.000679	-.000696	6.50
6.60	-.000365	-.000443	-.000506	-.000554	-.000587	-.000606	6.60
6.70	-.000298	-.000368	-.000427	-.000473	-.000506	-.000528	6.70
6.80	-.000243	-.000306	-.000360	-.000404	-.000437	-.000459	6.80
6.90	-.000198	-.000254	-.000303	-.000344	-.000376	-.000399	6.90
7.00	-.000160	-.000210	-.000255	-.000293	-.000324	-.000346	7.00
7.10	-.000130	-.000173	-.000214	-.000249	-.000278	-.000300	7.10
7.20	-.000105	-.000143	-.000180	-.000212	-.000239	-.000261	7.20
7.30	-.000085	-.000118	-.000150	-.000180	-.000205	-.000226	7.30
7.40	-.000069	-.000097	-.000126	-.000153	-.000176	-.000195	7.40
7.50	-.000055	-.000080	-.000105	-.000129	-.000151	-.000169	7.50
7.60	-.000044	-.000066	-.000088	-.000109	-.000129	-.000146	7.60
7.70	-.000036	-.000054	-.000073	-.000093	-.000111	-.000126	7.70
7.80	-.000029	-.000044	-.000061	-.000078	-.000095	-.000109	7.80
7.90	-.000023	-.000036	-.000051	-.000066	-.000081	-.000094	7.90
8.00	-.000018	-.000029	-.000042	-.000056	-.000069	-.000081	8.00
8.10	-.000015	-.000024	-.000035	-.000047	-.000059	-.000070	8.10
8.20	-.000012	-.000020	-.000029	-.000040	-.000050	-.000060	8.20
8.30	-.000009	-.000016	-.000024	-.000033	-.000043	-.000052	8.30
8.40	-.000007	-.000013	-.000020	-.000028	-.000037	-.000045	8.40
8.50	-.000006	-.000011	-.000017	-.000024	-.000031	-.000039	8.50
8.60	-.000005	-.000009	-.000014	-.000020	-.000026	-.000033	8.60
8.70	-.000004	-.000007	-.000011	-.000017	-.000023	-.000029	8.70
8.80	-.000003	-.000006	-.000009	-.000014	-.000019	-.000025	8.80
8.90	-.000002	-.000005	-.000008	-.000012	-.000016	-.000021	8.90
9.00	-.000002	-.000004	-.000006	-.000010	-.000014	-.000018	9.00
9.10	-.000002	-.000003	-.000005	-.000008	-.000012	-.000016	9.10
9.20	-.000001	-.000002	-.000004	-.000007	-.000010	-.000013	9.20
9.30	-.000001	-.000002	-.000004	-.000006	-.000008	-.000011	9.30
9.40	-.000001	-.000002	-.000003	-.000005	-.000007	-.000010	9.40
9.50	-.000001	-.000001	-.000002	-.000004	-.000006	-.000008	9.50
9.60		-.000001	-.000002	-.000003	-.000005	-.000007	9.60
9.70		-.000001	-.000002	-.000003	-.000004	-.000006	9.70
9.80		-.000001	-.000001	-.000002	-.000004	-.000005	9.80
9.90		-.000001	-.000001	-.000002	-.000003	-.000005	9.90

t	SKEWNESS					t
	.0	.1	.2	.3	.4	
10.00						10.00
10.10						10.10
10.20						10.20
10.30						10.30
10.40						10.40
10.50						10.50
10.60						10.60
10.70						10.70
10.80						10.80
10.90						10.90
11.00						11.00
11.10						11.10
11.20						11.20
11.30						11.30
11.40						11.40
11.50						11.50
11.60						11.60
11.70						11.70
11.80						11.80
11.90						11.90
12.00						12.00
12.10						12.10
12.20						12.20
12.30						12.30
12.40						12.40
12.50						12.50
12.60						12.60
12.70						12.70
12.80						12.80
12.90						12.90
13.00						13.00
13.10						13.10
13.20						13.20
13.30						13.30
13.40						13.40
13.50						13.50
13.60						13.60
13.70						13.70
13.80						13.80
13.90						13.90
14.00						14.00
14.10						14.10
14.20						14.20
14.30						14.30
14.40						14.40
14.50						14.50
14.60						14.60
14.70						14.70
14.80						14.80
14.90						14.90

PEARSON'S TYPE III FUNCTION—FIFTH DERIVATIVE 177

t	SKEWNESS					t	
	.6	.7	.8	.9	1.0		1.1
10.00			-.000001	-.000002	-.000003	-.000004	10.00
10.10			-.000001	-.000001	-.000002	-.000003	10.10
10.20			-.000001	-.000001	-.000002	-.000003	10.20
10.30			-.000001	-.000001	-.000002	-.000002	10.30
10.40				-.000001	-.000001	-.000002	10.40
10.50				-.000001	-.000001	-.000002	10.50
10.60				-.000001	-.000001	-.000002	10.60
10.70					-.000001	-.000001	10.70
10.80					-.000001	-.000001	10.80
10.90					-.000001	-.000001	10.90
11.00						-.000001	11.00
11.10						-.000001	11.10
11.20						-.000001	11.20
11.30						-.000001	11.30
11.40							11.40
11.50							11.50
11.60							11.60
11.70							11.70
11.80							11.80
11.90							11.90
12.00							12.00
12.10							12.10
12.20							12.20
12.30							12.30
12.40							12.40
12.50							12.50
12.60							12.60
12.70							12.70
12.80							12.80
12.90							12.90
13.00							13.00
13.10							13.10
13.20							13.20
13.30							13.30
13.40							13.40
13.50							13.50
13.60							13.60
13.70							13.70
13.80							13.80
13.90							13.90
14.00							14.00
14.10							14.10
14.20							14.20
14.30							14.30
14.40							14.40
14.50							14.50
14.60							14.60
14.70							14.70
14.80							14.80
14.90							14.90

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00	.000175						-6.00
-5.90	.000282						-5.90
-5.80	.000447						-5.80
-5.70	.000700						-5.70
-5.60	.001081						-5.60
-5.50	.001648	.000447					-5.50
-5.40	.002477	.000786					-5.40
-5.30	.003672	.001349					-5.30
-5.20	.005364	.002265					-5.20
-5.10	.007720	.003718					-5.10
-5.00	.010942	.005964	.001401				-5.00

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
-9.90							-9.90
-9.80							-9.80
-9.70							-9.70
-9.60							-9.60
-9.50							-9.50
-9.40							-9.40
-9.30							-9.30
-9.20							-9.20
-9.10							-9.10
-9.00							-9.00
-8.90							-8.90
-8.80							-8.80
-8.70							-8.70
-8.60							-8.60
-8.50							-8.50
-8.40							-8.40
-8.30							-8.30
-8.20							-8.20
-8.10							-8.10
-8.00							-8.00
-7.90							-7.90
-7.80							-7.80
-7.70							-7.70
-7.60							-7.60
-7.50							-7.50
-7.40							-7.40
-7.30							-7.30
-7.20							-7.20
-7.10							-7.10
-7.00							-7.00
-6.90							-6.90
-6.80							-6.80
-6.70							-6.70
-6.60							-6.60
-6.50							-6.50
-6.40							-6.40
-6.30							-6.30
-6.20							-6.20
-6.10							-6.10
-6.00							-6.00
-5.90							-5.90
-5.80							-5.80
-5.70							-5.70
-5.60							-5.60
-5.50							-5.50
-5.40							-5.40
-5.30							-5.30
-5.20							-5.20
-5.10							-5.10
-5.00							-5.00

t	SKFVNESS						t
	.0	.1	.2	.3	.4	.5	
-4.90	.015267	.009347	.002766				-4.90
-4.80	.020954	.014312	.005236				-4.80
-4.70	.028274	.021396	.009515				-4.70
-4.60	.037474	.031216	.016605				-4.60
-4.50	.048736	.044414	.027840				-4.50
-4.40	.062116	.061567	.044852	.013863			-4.40
-4.30	.077464	.083049	.069421	.029156			-4.30
-4.20	.094326	.108841	.103173	.056718			-4.20
-4.10	.111837	.138280	.147080	.102430			-4.10
-4.00	.128611	.169792	.200769	.172160	.045017		-4.00
-3.90	.142641	.200610	.261691	.269650	.117666		-3.90
-3.80	.151238	.226551	.324272	.393475	.259945		-3.80
-3.70	.151024	.241913	.379259	.533619	.495046		-3.70
-3.60	.138020	.239563	.413503	.668647	.822975		-3.60
-3.50	.107814	.211314	.410184	.764762	1.200746	.742856	-3.50
-3.40	.056066	.148638	.351775	.778218	1.531759	1.764469	-3.40
-3.30	-.021297	.043742	.219572	.661208	1.674232	3.080073	-3.30
-3.20	-.127125	-.109010	.000159	.372046	1.472443	4.108961	-3.20
-3.10	-.262416	-.311448	-.312050	-.112822	.805005	4.095235	-3.10
-3.00	-.425457	-.559902	-.710518	-.786892	-.364035	2.484221	-3.00
-2.90	-.611017	-.843721	-1.173459	-1.605106	-1.949117	-.757276	-2.90
-2.80	-.809701	-1.144331	-1.662462	-2.481732	-3.736776	-5.045593	-2.80
-2.70	-1.007607	-1.435140	-2.123635	-3.296576	-5.414832	-9.343178	-2.70
-2.60	-1.186451	-1.682587	-2.491694	-3.909747	-6.720425	-12.49085	-2.60
-2.50	-1.324208	-1.848487	-2.696991	-4.183196	-7.073686	-13.56574	-2.50
-2.40	-1.396544	-1.893676	-2.674851	-4.005451	-6.533877	-12.13850	-2.40
-2.30	-1.378834	-1.782727	-2.376055	-3.314841	-4.966528	-8.363173	-2.30
-2.20	-1.248851	-1.489294	-1.776879	-2.116465	-2.502962	-2.900863	-2.20
-2.10	-.989868	-1.001128	-.886935	-.489062	.567018	3.273070	-2.10
-2.00	-.593901	-.326029	.246817	1.420125	3.844994	9.107213	-2.00
-1.90	-.064672	.508204	1.541012	3.412172	6.893098	13.691811	-1.90
-1.80	.580144	1.450348	2.882212	5.262389	9.306193	16.410943	-1.80
-1.70	1.307853	2.429501	4.138184	6.751069	10.775134	17.010500	-1.70
-1.60	2.071248	3.360003	5.172815	7.693951	11.128417	15.586539	-1.60
-1.50	2.810937	4.149259	5.862695	7.937495	10.348409	12.514059	-1.50
-1.40	3.459534	4.707433	6.113044	7.525126	8.562045	8.342962	-1.40
-1.30	3.947529	4.957908	5.870642	6.402253	6.010840	3.687149	-1.30
-1.20	4.210340	4.847185	5.131842	4.709910	3.007841	-.872959	-1.20
-1.10	4.195847	4.352868	3.786317	2.618573	-.109997	-4.861982	-1.10
-1.00	3.871531	3.488518	2.403342	.335208	-3.026213	-7.950511	-1.00
-.90	3.230259	2.304551	.639885	-1.922775	-5.480152	-9.966922	-.90
-.80	2.293820	.884850	-1.192420	-3.952789	-7.289797	-10.88572	-.80
-.70	1.113544	-.660680	-2.935015	-5.588315	-8.361193	-10.80001	-.70
-.60	-.232372	-2.206781	-4.441265	-6.713777	-8.685678	-9.885928	-.60
-.50	-1.644805	-3.625505	-5.591378	-7.271912	-8.327546	-8.365606	-.50
-.40	-3.012214	-4.799309	-6.303511	-7.263647	-7.405560	-6.473884	-.40
-.30	-4.222257	-5.632987	-6.364810	-6.741491	-6.071759	-4.431674	-.30
-.20	-5.171124	-6.063022	-6.308038	-5.798132	-4.490653	-2.427427	-.20
-.10	-5.776254	-6.063275	-5.656056	-4.552304	-2.821126	-.606621	-.10
.00	-5.984135	-5.646455	-4.665204	-3.133923	-1.202514	.931715	.00

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
-4.90							-4.90
-4.80							-4.80
-4.70							-4.70
-4.60							-4.60
-4.50							-4.50
-4.40							-4.40
-4.30							-4.30
-4.20							-4.20
-4.10							-4.10
-4.00							-4.00
-3.90							-3.90
-3.80							-3.80
-3.70							-3.70
-3.60							-3.60
-3.50							-3.50
-3.40							-3.40
-3.30							-3.30
-3.20	26.875960						-3.20
-3.10	8.895339						-3.10
-3.00	14.844781						-3.00
-2.90	11.870834						-2.90
-2.80	.511734						-2.80
-2.70	-14.54133	49.586240					-2.70
-2.60	-26.74182	-50.43212					-2.60
-2.50	-31.55201	-100.9999					-2.50
-2.40	-27.79824	-93.03413	-897.1775				-2.40
-2.30	-17.22889	-51.64289	-371.6563				-2.30
-2.20	-3.200061	-3.279440	-6.531180	14261.298			-2.20
-2.10	10.702406	35.142528	156.15605	2561.9104			-2.10
-2.00	21.648976	56.825503	190.10374	1209.5822			-2.00
-1.90	28.031135	62.079701	138.10092	540.76774	-1793.994		-1.90
-1.80	29.481130	54.921276	106.57407	232.57201	-1241.483	-21843131	-1.80
-1.70	26.608535	40.473714	53.588006	5.612894	-846.0655	-27894.86	-1.70
-1.60	20.618004	23.393943	11.107951	-75.76662	-565.6321	-3569.339	-1.60
-1.50	12.932907	7.147980	-17.91647	-102.2365	-368.8605	-953.1063	-1.50
-1.40	4.898190	-6.141522	-34.40810	-100.0908	-232.5508	-304.3152	-1.40
-1.30	-2.409460	-15.52843	-40.94149	-84.79357	-139.5989	-81.95704	-1.30
-1.20	-8.267851	-20.94228	-40.46917	-65.13526	-77.45935	4.106084	-1.20
-1.10	-12.31332	-22.86993	-35.67140	-45.81429	-36.98463	36.888914	-1.10
-1.00	-14.49033	-22.08158	-28.68817	-29.06763	-11.54861	46.646847	-1.00
-.90	-14.97304	-19.42548	-21.06770	-15.70089	3.611887	46.164258	-.90
-.80	-14.08005	-15.69277	-13.82424	-5.732500	11.890584	41.340786	-.80
-.70	-12.19660	-11.54227	-7.541844	1.210768	15.680242	35.022093	-.70
-.60	-9.712425	-7.470641	-2.484734	5.659817	16.646714	28.587090	-.60
-.50	-6.978085	-3.813356	1.301813	8.169192	15.931861	22.674434	-.50
-.40	-4.279153	-7.63934	3.909282	9.248079	14.303076	17.539966	-.40
-.30	-1.825508	1.598081	5.503477	9.329346	12.262853	13.241811	-.30
-.20	.247988	3.277084	6.280186	8.761196	10.128576	9.739410	-.20
-.10	1.873235	4.333462	6.435881	7.811120	8.090226	6.947384	-.10
.00	3.036428	4.859952	6.150084	6.675819	6.251738	4.764787	.00

t	SKEWNESS						t
	.0	.1	.2	.3	.4	.5	
.00	-5.984135	-5.646455	-4.665204	-3.133923	-1.202514	.931715	.00
.10	-5.776254	-4.861356	-3.438799	-1.670337	.254500	2.132985	.10
.20	-5.171124	-3.786395	-2.090353	-.274980	1.472275	2.981242	.20
.30	-4.222257	-2.520401	-.731916	.960727	2.406462	3.491248	.30
.40	-3.012214	-1.171892	.536015	1.971948	3.043064	3.699785	.40
.50	-1.644805	.151841	1.632165	2.721665	3.393319	3.657272	.50
.60	-.232372	1.354605	2.499227	3.199050	3.487452	3.420390	.60
.70	1.113544	2.359129	3.105617	3.415727	3.368150	3.046137	.70
.80	2.293820	3.112206	3.444507	3.400697	3.084467	2.587429	.80
.90	3.230259	3.586870	3.530678	3.194705	2.686604	2.090218	.90
1.00	3.871531	3.781737	3.395867	2.844710	2.221834	1.591942	1.00
1.10	4.195847	3.717924	3.083342	2.398951	1.731648	1.121050	1.10
1.20	4.210340	3.434203	2.642373	1.902952	1.250054	.697352	1.20
1.30	3.947529	2.981144	2.123169	1.396604	.802892	.332911	1.30
1.40	3.459534	2.414999	1.572664	.912359	.407952	.033260	1.40
1.50	2.810937	1.792005	1.031410	.474437	.075673	-.201246	1.50
1.60	2.071248	1.163611	.531626	.098868	-.189775	-.374091	1.60
1.70	1.307853	.572967	.096362	-.205823	-.389234	-.491358	1.70
1.80	.580144	.052784	-.260397	-.437511	-.527257	-.560670	1.80
1.90	-.064672	-.375458	-.532887	-.599134	-.610882	-.590313	1.90
2.00	-.593901	-.701132	-.722234	-.697299	-.648554	-.588568	2.00
2.10	-.989868	-.913199	-.809084	-.740958	-.649236	-.563231	2.10
2.20	-1.248851	-1.048345	-.880804	-.740237	-.621724	-.521293	2.20
2.30	-1.378834	-1.088823	-.872200	-.705481	-.574151	-.468771	2.30
2.40	-1.396544	-1.060287	-.821890	-.646523	-.513679	-.410636	2.40
2.50	-1.324208	-.979805	-.742355	-.572181	-.446329	-.350831	2.50
2.60	-1.186451	-.864201	-.644933	-.489957	-.376936	-.292338	2.60
2.70	-1.007607	-.728816	-.539310	-.405909	-.309189	-.237290	2.70
2.80	-.809701	-.586683	-.433276	-.324649	-.245729	-.187092	2.80
2.90	-.611017	-.448101	-.332680	-.249447	-.188292	-.142554	2.90
3.00	-.425457	-.320545	-.241545	-.182391	-.137856	-.104005	3.00
3.10	-.262416	-.208830	-.162278	-.124581	-.094796	-.071429	3.10
3.20	-.127125	-.115450	-.095950	-.076334	-.059035	-.044545	3.20
3.30	-.021297	-.041016	-.042586	-.037380	-.030168	-.022905	3.30
3.40	.056066	.015276	-.001451	-.007041	-.007579	-.005958	3.40
3.50	.107844	.055191	.028687	.015614	.009469	.006895	3.50
3.60	.138020	.081059	.049341	.031649	.021765	.016260	3.60
3.70	.151024	.095440	.062130	.042162	.030093	.022718	3.70
3.80	.151238	.100881	.068649	.048214	.035196	.026809	3.80
3.90	.142641	.099734	.070375	.050783	.037750	.029018	3.90
4.00	.128611	.094057	.068614	.050736	.038353	.029771	4.00
4.10	.111837	.085556	.064474	.048815	.037518	.029431	4.10
4.20	.094326	.075579	.058859	.045636	.035673	.028304	4.20
4.30	.077464	.065141	.052475	.041691	.033167	.026640	4.30
4.40	.062116	.054955	.045856	.037366	.030277	.024639	4.40
4.50	.048736	.045489	.039380	.032946	.027214	.022458	4.50
4.60	.037474	.037012	.033302	.028639	.024137	.020216	4.60
4.70	.028274	.029644	.027773	.024583	.021160	.018002	4.70
4.80	.020954	.023399	.022872	.020863	.018359	.015877	4.80
4.90	.015267	.018220	.018617	.017524	.015780	.013884	4.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
.00	3.036428	4.859952	6.150084	6.675819	6.251738	4.764787	.00
.10	3.764079	4.963167	5.576252	5.493291	4.660385	3.090633	.10
.20	4.109449	4.750215	4.838542	4.354939	3.327388	1.831652	.20
.30	4.140621	4.319865	4.032352	3.316558	2.242176	.905655	.30
.40	3.930837	3.757417	3.227075	2.407733	1.382071	.203484	.40
.50	3.551296	3.132436	2.469942	1.639509	.718714	-.216483	.50
.60	3.066280	2.498523	1.790194	1.010443	.222193	-.519178	.60
.70	2.500095	1.894408	1.203125	.511222	-.136437	-.704349	.70
.80	1.986914	1.345841	.713700	.128065	-.383710	-.802822	.80
.90	1.468665	.867818	.319643	-.154839	-.543055	-.838819	.90
1.00	.997981	.466872	.013947	-.353672	-.634561	-.831126	1.00
1.10	.588480	.143223	-.213162	-.483906	-.675048	-.799963	1.10
1.20	.246555	-.107330	-.372754	-.559657	-.678305	-.738617	1.20
1.30	-.027004	-.291823	-.476136	-.593360	-.655415	-.672661	1.30
1.40	-.235490	-.418856	-.534137	-.595648	-.615113	-.602070	1.40
1.50	-.384920	-.497630	-.556659	-.575384	-.564151	-.530962	1.50
1.60	-.482913	-.537238	-.552429	-.539782	-.507631	-.462145	1.60
1.70	-.537788	-.546198	-.528908	-.494574	-.449308	-.397442	1.70
1.80	-.557885	-.532154	-.492291	-.444204	-.391863	-.337936	1.80
1.90	-.551088	-.501728	-.447585	-.392019	-.322869	-.284173	1.90
2.00	-.524515	-.460475	-.398722	-.340461	-.286261	-.236315	2.00
2.10	-.484347	-.412908	-.348694	-.291231	-.239949	-.194255	2.10
2.20	-.435762	-.362581	-.299695	-.245447	-.198488	-.157714	2.20
2.30	-.382945	-.312187	-.253259	-.203769	-.161911	-.126298	2.30
2.40	-.329152	-.263683	-.210383	-.166512	-.130066	-.099556	2.40
2.50	-.276808	-.218407	-.171645	-.133735	-.102677	-.077009	2.50
2.60	-.227620	-.177197	-.137300	-.105316	-.079392	-.058182	2.60
2.70	-.182699	-.140495	-.107364	-.081012	-.059819	-.042614	2.70
2.80	-.142668	-.108440	-.081682	-.060501	-.043554	-.029872	2.80
2.90	-.107778	-.080951	-.059987	-.043420	-.030199	-.019560	2.90
3.00	-.077994	-.057791	-.041940	-.029389	-.019371	-.011318	3.00
3.10	-.053083	-.038624	-.027165	-.018032	-.010715	-.004823	3.10
3.20	-.032678	-.023053	-.015273	-.008988	-.003906	.000208	3.20
3.30	-.016331	-.010658	-.005883	-.001918	.001348	.004024	3.30
3.40	-.003556	-.001017	.001367	.003485	.005306	.006839	3.40
3.50	.006139	.006275	.006814	.007498	.008195	.008839	3.50
3.60	.013228	.011598	.010761	.010367	.010212	.010180	3.60
3.70	.018156	.015297	.013480	.012305	.011527	.010996	3.70
3.80	.021325	.017679	.015207	.013496	.012283	.011399	3.80
3.90	.023094	.019012	.016148	.014099	.012602	.011482	3.90
4.00	.023772	.019527	.016476	.014245	.012583	.011321	4.00
4.10	.023625	.019421	.016338	.014045	.012312	.010980	4.10
4.20	.022874	.018856	.015856	.013591	.011857	.010510	4.20
4.30	.021701	.017966	.015129	.012956	.011272	.009952	4.30
4.40	.020251	.016860	.014238	.012200	.010603	.009339	4.40
4.50	.018642	.015623	.013246	.011372	.009885	.008697	4.50
4.60	.016962	.014323	.012204	.010508	.009145	.008046	4.60
4.70	.015279	.013010	.011150	.009636	.008405	.007401	4.70
4.80	.013642	.011722	.010112	.008779	.007679	.006773	4.80
4.90	.012085	.010486	.009111	.007951	.006980	.006170	4.90

t	SKEWNESS					t	
	.0	.1	.2	.3	.4		.5
5.00	.010942	.014005	.014991	.014581	.013449	.012048	5.00
5.10	.007720	.010635	.011950	.012026	.011373	.010381	5.10
5.20	.005364	.007983	.009436	.009839	.009549	.008888	5.20
5.30	.003672	.005926	.007384	.007988	.007964	.007564	5.30
5.40	.002477	.004352	.005729	.006439	.006601	.006402	5.40
5.50	.001648	.003164	.004409	.005155	.005439	.005391	5.50
5.60	.001081	.002277	.003367	.004101	.004457	.004518	5.60
5.70	.000700	.001623	.002552	.003242	.003634	.003769	5.70
5.80	.000447	.001146	.001920	.002543	.002948	.003130	5.80
5.90	.000282	.000802	.001435	.001992	.002380	.002590	5.90
6.00	.000175	.000556	.001065	.001549	.001913	.002134	6.00
6.10		.000382	.000786	.001198	.001531	.001753	6.10
6.20		.000261	.000576	.000922	.001220	.001434	6.20
6.30		.000176	.000420	.000706	.000969	.001170	6.30
6.40		.000118	.000304	.000538	.000766	.000951	6.40
6.50		.000079	.000219	.000409	.000604	.000771	6.50
6.60		.000052	.000157	.000309	.000474	.000623	6.60
6.70			.000112	.000232	.000371	.000502	6.70
6.80			.000079	.000174	.000290	.000403	6.80
6.90			.000056	.000130	.000225	.000323	6.90
7.00			.000039	.000097	.000175	.000259	7.00
7.10			.000027	.000072	.000135	.000206	7.10
7.20			.000019	.000053	.000104	.000164	7.20
7.30			.000013	.000039	.000080	.000130	7.30
7.40			.000009	.000029	.000061	.000103	7.40
7.50				.000021	.000047	.000082	7.50
7.60				.000015	.000036	.000064	7.60
7.70				.000011	.000027	.000051	7.70
7.80				.000008	.000021	.000040	7.80
7.90				.000006	.000016	.000031	7.90
8.00				.000004	.000012	.000024	8.00
8.10					.000009	.000019	8.10
8.20					.000007	.000015	8.20
8.30					.000005	.000012	8.30
8.40					.000004	.000009	8.40
8.50						.000007	8.50
8.60						.000005	8.60
8.70						.000004	8.70
8.80						.000003	8.80
8.90						.000003	8.90
9.00						.000002	9.00
9.10							9.10
9.20							9.20
9.30							9.30
9.40							9.40
9.50							9.50
9.60							9.60
9.70							9.70
9.80							9.80
9.90							9.90

t	SKEWNESS						t
	.6	.7	.8	.9	1.0	1.1	
5.00	.010631	.009320	.008162	.007164	.006315	.005598	5.00
5.10	.009292	.008236	.007273	.006424	.005690	.005061	5.10
5.20	.008075	.007240	.006451	.005737	.005107	.004550	5.20
5.30	.006980	.006334	.005697	.005103	.004568	.004096	5.30
5.40	.006004	.005517	.005010	.004523	.004074	.003670	5.40
5.50	.005140	.004785	.004391	.003996	.003622	.003279	5.50
5.60	.004382	.004135	.003835	.003520	.003212	.002923	5.60
5.70	.003721	.003560	.003339	.003091	.002841	.002600	5.70
5.80	.003148	.003055	.002898	.002708	.002507	.002308	5.80
5.90	.002654	.002614	.002509	.002366	.002207	.002045	5.90
6.00	.002230	.002230	.002166	.002063	.001940	.001809	6.00
6.10	.001867	.001897	.001865	.001795	.001701	.001597	6.10
6.20	.001559	.001609	.001603	.001558	.001490	.001408	6.20
6.30	.001298	.001362	.001374	.001350	.001302	.001239	6.30
6.40	.001078	.001150	.001176	.001168	.001136	.001090	6.40
6.50	.000893	.000968	.001004	.001008	.000920	.000957	6.50
6.60	.000737	.000814	.000856	.000869	.000861	.000839	6.60
6.70	.000608	.000683	.000728	.000748	.000749	.000735	6.70
6.80	.000500	.000572	.000618	.000643	.000650	.000643	6.80
6.90	.000410	.000478	.000524	.000552	.000563	.000562	6.90
7.00	.000336	.000398	.000444	.000473	.000487	.000490	7.00
7.10	.000274	.000332	.000375	.000405	.000421	.000428	7.10
7.20	.000224	.000276	.000317	.000346	.000364	.000373	7.20
7.30	.000182	.000229	.000267	.000295	.000314	.000324	7.30
7.40	.000148	.000190	.000225	.000252	.000271	.000282	7.40
7.50	.000120	.000157	.000189	.000215	.000233	.000245	7.50
7.60	.000097	.000130	.000159	.000183	.000201	.000213	7.60
7.70	.000078	.000107	.000133	.000155	.000172	.000185	7.70
7.80	.000063	.000088	.000112	.000132	.000148	.000160	7.80
7.90	.000051	.000073	.000093	.000112	.000127	.000139	7.90
8.00	.000041	.000060	.000078	.000095	.000109	.000120	8.00
8.10	.000033	.000049	.000065	.000080	.000093	.000104	8.10
8.20	.000026	.000040	.000054	.000068	.000080	.000090	8.20
8.30	.000021	.000033	.000045	.000057	.000068	.000078	8.30
8.40	.000017	.000027	.000038	.000049	.000059	.000067	8.40
8.50	.000014	.000022	.000031	.000041	.000050	.000058	8.50
8.60	.000011	.000018	.000026	.000035	.000043	.000050	8.60
8.70	.000009	.000015	.000022	.000029	.000036	.000043	8.70
8.80	.000007	.000012	.000018	.000025	.000031	.000037	8.80
8.90	.000005	.000010	.000015	.000021	.000027	.000032	8.90
9.00	.000004	.000008	.000012	.000017	.000023	.000028	9.00
9.10	.000003	.000006	.000010	.000015	.000019	.000024	9.10
9.20	.000003	.000005	.000008	.000012	.000016	.000020	9.20
9.30	.000002	.000004	.000007	.000010	.000014	.000018	9.30
9.40	.000002	.000003	.000006	.000009	.000012	.000015	9.40
9.50	.000001	.000003	.000005	.000007	.000010	.000013	9.50
9.60	.000001	.000002	.000004	.000006	.000009	.000011	9.60
9.70		.000002	.000003	.000005	.000007	.000010	9.70
9.80		.000001	.000003	.000004	.000006	.000008	9.80
9.90		.000001	.000002	.000004	.000005	.000007	9.90

186. PEARSON'S TYPE III FUNCTION—SIXTH DERIVATIVE

t	SKEWNESS					t
	.0	.1	.2	.3	.4	
10.00						10.00
10.10						10.10
10.20						10.20
10.30						10.30
10.40						10.40
10.50						10.50
10.60						10.60
10.70						10.70
10.80						10.80
10.90						10.90
11.00						11.00
11.10						11.10
11.20						11.20
11.30						11.30
11.40						11.40
11.50						11.50
11.60						11.60
11.70						11.70
11.80						11.80
11.90						11.90
12.00						12.00
12.10						12.10
12.20						12.20
12.30						12.30
12.40						12.40
12.50						12.50
12.60						12.60
12.70						12.70
12.80						12.80
12.90						12.90
13.00						13.00
13.10						13.10
13.20						13.20
13.30						13.30
13.40						13.40
13.50						13.50
13.60						13.60
13.70						13.70
13.80						13.80
13.90						13.90
14.00						14.00
14.10						14.10
14.20						14.20
14.30						14.30
14.40						14.40
14.50						14.50
14.60						14.60
14.70						14.70
14.80						14.80
14.90						14.90

PEARSON'S TYPE III FUNCTION—SIXTH DERIVATIVE 187

t	SKEWNESS						t
	6	7	8	9	1.0	1.1	
10.00		.000001	.000002	.000003	.000004	.000006	10.00
10.10		.000001	.000001	.000002	.000003	.000005	10.10
10.20		.000001	.000001	.000002	.000003	.000004	10.20
10.30			.000001	.000002	.000003	.000004	10.30
10.40			.000001	.000001	.000002	.000003	10.40
10.50			.000001	.000001	.000002	.000003	10.50
10.60			.000001	.000001	.000002	.000002	10.60
10.70				.000001	.000001	.000002	10.70
10.80				.000001	.000001	.000002	10.80
10.90				.000001	.000001	.000001	10.90
11.00					.000001	.000001	11.00
11.10					.000001	.000001	11.10
11.20					.000001	.000001	11.20
11.30					.000001	.000001	11.30
11.40						.000001	11.40
11.50						.000001	11.50
11.60							11.60
11.70							11.70
11.80							11.80
11.90							11.90
12.00							12.00
12.10							12.10
12.20							12.20
12.30							12.30
12.40							12.40
12.50							12.50
12.60							12.60
12.70							12.70
12.80							12.80
12.90							12.90
13.00							13.00
13.10							13.10
13.20							13.20
13.30							13.30
13.40							13.40
13.50							13.50
13.60							13.60
13.70							13.70
13.80							13.80
13.90							13.90
14.00							14.00
14.10							14.10
14.20							14.20
14.30							14.30
14.40							14.40
14.50							14.50
14.60							14.60
14.70							14.70
14.80							14.80
14.90							14.90