

Skew2 = 3*(Mean-Median)/StdDev |Skew2| > 3.76 is statistically-significant at the 10% level of significance for 10 < n < 500.
|Skew2| > 4.44 is statistically-significant at the 5% level of significance for 10 < n < 500.

Row

C11 =AVERAGE(ABS(D42),J42)

K11 =AVERAGE(ABS(E42),I42)

D11 =D\$9/SQRT(\$B11)

J11 =J\$9/SQRT(\$B11)

A	B	C	D	E	F	G	H	I	J	K	L	M
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Doane's two-tailed Confidence Level

SCHILD

0.95 ----- MODELS ----- 0.90

n	4.44 Cmp95				Cmp90 3.75			
	Actual	X/sqrt(n)	Diff	% Diff	% Diff	Diff	X/sqrt(n)	Actual
10	1.137	1.404	0.267	23.5%	22.4%	0.217	1.186	0.969
20	0.891	0.993	0.102	11.5%	10.6%	0.080	0.839	0.758
30	0.749	0.811	0.061	8.2%	7.5%	0.048	0.685	0.637
40	0.666	0.702	0.036	5.4%	5.4%	0.030	0.593	0.562
50	0.602	0.628	0.026	4.4%	4.8%	0.024	0.530	0.506
60	0.554	0.573	0.019	3.5%	3.8%	0.018	0.484	0.466
70	0.516	0.531	0.015	2.9%	3.2%	0.014	0.448	0.434
80	0.486	0.496	0.010	2.1%	2.7%	0.011	0.419	0.408
90	0.455	0.468	0.013	2.9%	3.0%	0.012	0.395	0.384
100	0.436	0.444	0.008	1.8%	2.1%	0.008	0.375	0.367
110	0.419	0.423	0.005	1.1%	2.0%	0.007	0.358	0.351
120	0.399	0.405	0.006	1.6%	2.2%	0.007	0.342	0.335
130	0.385	0.389	0.004	1.0%	1.1%	0.004	0.329	0.325
140	0.368	0.375	0.007	1.8%	2.2%	0.007	0.317	0.310
150	0.354	0.363	0.008	2.3%	2.2%	0.007	0.306	0.300
160	0.343	0.351	0.008	2.2%	2.7%	0.008	0.296	0.289
170	0.337	0.341	0.004	1.2%	1.3%	0.004	0.288	0.284
180	0.330	0.331	0.001	0.3%	1.3%	0.003	0.280	0.276
190	0.319	0.322	0.003	0.9%	2.2%	0.006	0.272	0.266
200	0.311	0.314	0.003	1.1%	1.7%	0.005	0.265	0.261
300	0.256	0.256	0.000	0.0%	0.3%	0.001	0.217	0.216
400	0.220	0.222	0.002	0.9%	1.8%	0.003	0.188	0.184
500	0.198	0.199	0.001	0.4%	1.0%	0.002	0.168	0.166

Value of two-tailed confidence level equals value of one-tailed percentile.

A	B	C	D	E	F	G	H	I	J	K	L	M	Row
<i>Percentiles for Sk₂</i>													39
<i>n</i>	0.005	0.01	0.025	0.05	0.10	0.50	0.90	0.95	0.975	0.99	0.995	0.99	40
10	-1.41869	-1.31416	-1.14352	-0.97690	-0.77879	-0.00395	0.76384	0.96030	1.12975	1.30017	1.40974	1.41422	41
20	-1.15465	-1.03843	-0.89549	-0.75955	-0.59691	0.00312	0.59482	0.75710	0.88584	1.04445	1.14129	1.14797	42
30	-0.96742	-0.88504	-0.74742	-0.63553	-0.49799	0.00468	0.50082	0.63794	0.75141	0.88737	0.98531	0.97637	43
40	-0.85905	-0.77803	-0.66104	-0.56302	-0.44032	0.00021	0.43853	0.56196	0.67135	0.78248	0.86398	0.86152	44
50	-0.78294	-0.71512	-0.60114	-0.50590	-0.39489	0.00031	0.39583	0.50663	0.60206	0.71033	0.78575	0.78435	45
60	-0.73254	-0.65890	-0.55485	-0.46992	-0.36471	0.00040	0.36217	0.46267	0.55279	0.65582	0.72396	0.72825	46
70	-0.67076	-0.60394	-0.51552	-0.43469	-0.33638	-0.00061	0.33449	0.43364	0.51572	0.60974	0.67602	0.67339	47
80	-0.63524	-0.56908	-0.48864	-0.40803	-0.31947	0.00294	0.31805	0.40855	0.48397	0.57265	0.62828	0.63176	48
90	-0.59207	-0.53575	-0.45519	-0.38251	-0.29729	-0.00144	0.30074	0.38496	0.45487	0.53827	0.59759	0.59483	49
100	-0.57635	-0.51450	-0.43605	-0.36714	-0.28763	0.00044	0.28569	0.36725	0.43658	0.51359	0.56502	0.57069	50
110	-0.54527	-0.49922	-0.42042	-0.35065	-0.27390	0.00117	0.27323	0.35064	0.41672	0.49452	0.55004	0.54765	51
120	-0.52551	-0.47837	-0.39974	-0.33568	-0.26319	-0.00160	0.25970	0.33414	0.39790	0.46821	0.51747	0.52149	52
130	-0.50496	-0.45890	-0.38595	-0.32582	-0.25220	-0.00026	0.25311	0.32489	0.38494	0.45697	0.50371	0.50433	53
140	-0.47729	-0.43358	-0.37140	-0.31103	-0.24479	-0.00066	0.24123	0.30893	0.36556	0.43895	0.48384	0.48057	54
150	-0.46329	-0.41885	-0.35401	-0.29899	-0.23429	-0.00006	0.23445	0.30035	0.35460	0.42459	0.46440	0.46384	55
160	-0.45340	-0.41114	-0.34553	-0.28903	-0.22679	-0.00043	0.22622	0.28845	0.34118	0.40870	0.45304	0.45322	56
170	-0.44334	-0.40247	-0.33904	-0.28505	-0.22221	-0.00105	0.21939	0.28256	0.33418	0.39584	0.43954	0.44144	57
180	-0.42738	-0.38912	-0.33125	-0.27699	-0.21727	-0.00110	0.21319	0.27508	0.32879	0.39019	0.43185	0.42961	58
190	-0.42125	-0.38036	-0.31878	-0.26607	-0.20878	0.00065	0.20787	0.26638	0.31971	0.37978	0.42205	0.42165	59
200	-0.41177	-0.37120	-0.31045	-0.26156	-0.20314	0.00027	0.20452	0.25968	0.31086	0.36806	0.40647	0.40912	60
300	-0.33596	-0.30422	-0.25466	-0.21435	-0.16680	-0.00016	0.16797	0.21726	0.25780	0.30538	0.33574	0.33585	61
400	-0.29378	-0.26514	-0.22061	-0.18426	-0.14375	0.00025	0.14352	0.18404	0.21929	0.25736	0.28758	0.29068	62
500	-0.26055	-0.23377	-0.19676	-0.16581	-0.12972	-0.00072	0.12844	0.16617	0.19872	0.23507	0.26059	0.26057	63

Source: David Doan