Table 1: Expected values of normal order statistics.
A sample of $NN(0,1)$ observations is ranked from largest (rank 1) to smallest (rank N). The expected values of the order statistics (the ranked values) are given. Only the expected values for the upper half of the order statistics are given since the expected values are symmetric about zero. The column headings give the size of the sample and the row headings the rank of the order statistic.

	Sample size									
Rank	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*
1	.56419	.34628	1.02938	1.16296	1.26721	1.35218	1.42360	1.48501	1.53875	1.58644
2		.00000	.29701	.49502	.64176	.75737	.85222	.93230	1.00136	1.06192
3				.00000	.20155	.35271	.47282	.57197	.65606	.72884
4						.00000	.15251	.27453	.37576	.46198
5								.00000	.12267	.22489
6										.00000
7										

	Sample size									
Rank	*15*	*16*	*17*	*18*	*19*	*20*	*21*	*22*	*23*	*24*
1	1.73591	1.76599	1.79394	1.82003	1.84448	1.86748	1.88917	1.90969	1.92916	1.94767
2	1.24794	1.28474	1.31878	1.35041	1.37994	1.40760	1.43362	1.45816	1.48137	1.50338
3	.94769	.99027	1.02946	1.06573	1.09945	1.13095	1.16047	1.18824	1.21445	1.23924
4	.71488	.76317	.80738	.84812	.88586	.92098	.95380	.98459	1.01356	1.04091
5	.51570	.57001	.61946	.66479	.70661	.74538	.78150	.81527	.84697	.87682
6	.33530	.39622	.45133	.50158	.54771	.59030	.62982	.66667	.70115	.73354
7	.16530	.23375	.29519	.35084	.40164	.44833	.49148	.53157	.56896	.60299
8	.00000	.07729	.14599	.20774	.26374	.31493	.36203	.40559	.44609	.48391
9			.00000	.06880	.13072	.18696	.23841	.28579	.32965	.37047
10					.00000	.06200	.11836	.16997	.21755	.26163
11							.00000	.05642	.10813	.15583
12									.00000	.05176
13										
14										

	Sample size									
Rank	*28*	*29*	*30*	*31*	*32*	*33*	*34*	*35*	*36*	*37*
1	2.01371	2.02852	2.04276	2.05646	2.06967	2.08241	2.09471	2.10661	2.11812	2.12928
2	1.58145	1.59888	1.61560	1.63166	1.64712	1.66200	1.67636	1.69023	1.70362	1.71659
3	1.32674	1.34619	1.36481	1.38268	1.39985	1.41637	1.43228	1.44762	1.46244	1.47676
4	1.13697	1.15822	1.17855	1.19803	1.21672	1.23468	1.25196	1.26860	1.28466	1.30016
5	.98115	1.00414	1.02609	1.04709	1.06721	1.08652	1.10509	1.12295	1.14016	1.15677
6	.84615	.87084	.89439	.91688	.93841	.95905	.97886	.99790	1.01624	1.03390
7	.72508	.75150	.77666	.80066	.82359	.84555	.86660	.88681	.90625	.92496
8	.61385	.64205	.66885	.69438	.71875	.74204	.76435	.78574	.80629	.82605
9	.50977	.53982	.56834	.59545	.62129	.64596	.66954	.69214	.71382	.73465
10	.41096	.44298	.47329	.50206	.52943	.55552	.58043	.60427	.62710	.64902
11	.31603	.35013	.38235	.41287	.44185	.46942	.49572	.52084	.54488	.56793
12	.22389	.26023	.29449	.32686	.35755	.38669	.41444	.44091	.46620	.49042
13	.13361	.17240	.20885	.24322	.27573	.30654	.33582	.36371	.39032	.41576
14	.04442	.08588	.12473	.16126	.19572	.22832	.25924	.28863	.31663	.34336
15		.00000	.04148	.08037	.11695	.15147	.18415	.21515	.24463	.27272
16				.00000	.03890	.07552	.11009	.14282	.17388	.20342
17						.00000	.03663	.07123	.10399	.13509
18								.00000	.03461	.06739
19										.00000
20										