Tablas estadísticas

Tabla de la función de distribución para la distribución binomial

La primera fila indica el valor del parámetro p y la primera columna el valor del parámetro n. La tabla nos da para una distribución binomial $X = B(n, p)$, la función de distribución en un valor entero cualquiera k, donde k es el primer número de la fila correspondiente: $F_X(k) = P(X \leq k)$.

Por ejemplo, para $n = 10$, $p = 0.4$ y $k = 4$, $F_X(4)$ valdría: $F_X(4) = 0.633$.

		0.01	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
1	0	0.990	0.950	0.900	0.850	0.800	0.750	0.700	0.650	0.600	0.550
	1	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2	0	0.980	0.902	0.810	0.723	0.640	0.563	0.490	0.422	0.360	0.302
	1	1.000	0.998	0.990	0.978	0.960	0.938	0.910	0.877	0.840	0.797
	2	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3	0	0.970	0.857	0.729	0.614	0.512	0.422	0.343	0.275	0.216	0.166
	1	1.000	0.993	0.972	0.939	0.896	0.844	0.784	0.718	0.648	0.575
	2	1.000	1.000	0.999	0.997	0.992	0.984	0.973	0.957	0.936	0.909
	3	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4	0	0.961	0.815	0.656	0.522	0.410	0.316	0.240	0.179	0.130	0.092
	1	0.999	0.986	0.948	0.890	0.819	0.738	0.652	0.563	0.475	0.391
	2	1.000	1.000	0.996	0.988	0.973	0.949	0.916	0.874	0.821	0.759
	3	1.000	1.000	1.000	0.999	0.998	0.996	0.992	0.985	0.974	0.959
	4	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
5	0	0.951	0.774	0.590	0.444	0.328	0.237	0.168	0.116	0.078	0.050
	1	0.999	0.977	0.919	0.835	0.737	0.633	0.528	0.428	0.337	0.256
	2	1.000	0.999	0.991	0.973	0.942	0.896	0.837	0.765	0.683	0.593
	3	1.000	1.000	1.000	0.998	0.993	0.984	0.969	0.946	0.913	0.869
	4	1.000	1.000	1.000	1.000	1.000	0.999	0.998	0.995	0.990	0.982
	5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6	0	0.941	0.735	0.531	0.377	0.262	0.178	0.118	0.075	0.047	0.028
	1	0.999	0.967	0.886	0.776	0.655	0.534	0.420	0.319	0.233	0.164
	2	1.000	0.998	0.984	0.953	0.901	0.831	0.744	0.647	0.544	0.442
	3	1.000	1.000	0.999	0.994	0.983	0.962	0.930	0.883	0.821	0.745
	4	1.000	1.000	1.000	1.000	0.998	0.995	0.989	0.978	0.959	0.931
	5	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998	0.996	0.992
	6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7	0	0.932	0.698	0.478	0.321	0.210	0.133	0.082	0.049	0.028	0.015
	1	0.998	0.956	0.850	0.717	0.577	0.445	0.329	0.234	0.159	0.102
	2	1.000	0.996	0.974	0.926	0.852	0.756	0.647	0.532	0.420	0.316
	3	1.000	1.000	0.997	0.988	0.967	0.929	0.874	0.800	0.710	0.608
	4	1.000	1.000	1.000	0.999	0.995	0.987	0.971	0.944	0.904	0.847
	5	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.991	0.981	0.964
	6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998	0.996
	7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
8	0	0.923	0.663	0.430	0.272	0.168	0.100	0.058	0.032	0.017	0.008
	1	0.997	0.943	0.813	0.657	0.503	0.367	0.255	0.169	0.106	0.063
	2	1.000	0.994	0.962	0.895	0.797	0.679	0.552	0.428	0.315	0.220

		0.01	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
	3	1.000	1.000	0.995	0.979	0.944	0.886	0.806	0.706	0.594	0.477
	4	1.000	1.000	1.000	0.997	0.990	0.973	0.942	0.894	0.826	0.740
	5	1.000	1.000	1.000	1.000	0.999	0.996	0.989	0.975	0.950	0.912
	6	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.991	0.982
	7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998
	8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
9	0	0.914	0.630	0.387	0.232	0.134	0.075	0.040	0.021	0.010	0.005
	1	0.997	0.929	0.775	0.599	0.436	0.300	0.196	0.121	0.071	0.039
	2	1.000	0.992	0.947	0.859	0.738	0.601	0.463	0.337	0.232	0.150
	3	1.000	0.999	0.992	0.966	0.914	0.834	0.730	0.609	0.483	0.361
	4	1.000	1.000	0.999	0.994	0.980	0.951	0.901	0.828	0.733	0.621
	5	1.000	1.000	1.000	0.999	0.997	0.990	0.975	0.946	0.901	0.834
	6	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.989	0.975	0.950
	7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.991
	8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
	9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
10	0	0.904	0.599	0.349	0.197	0.107	0.056	0.028	0.013	0.006	0.003
	1	0.996	0.914	0.736	0.544	0.376	0.244	0.149	0.086	0.046	0.023
	2	1.000	0.988	0.930	0.820	0.678	0.526	0.383	0.262	0.167	0.100
	3	1.000	0.999	0.987	0.950	0.879	0.776	0.650	0.514	0.382	0.266
	4	1.000	1.000	0.998	0.990	0.967	0.922	0.850	0.751	0.633	0.504
	5	1.000	1.000	1.000	0.999	0.994	0.980	0.953	0.905	0.834	0.738
	6	1.000	1.000	1.000	1.000	0.999	0.996	0.989	0.974	0.945	0.898
	7	1.000	1.000	1.000	1.000	1.000	1.000	0.998	0.995	0.988	0.973
	8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998	0.995
	9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	10	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
11	0	0.895	0.569	0.314	0.167	0.086	0.042	0.020	0.009	0.004	0.001
	1	0.995	0.898	0.697	0.492	0.322	0.197	0.113	0.061	0.030	0.014
	2	1.000	0.985	0.910	0.779	0.617	0.455	0.313	0.200	0.119	0.065
	3	1.000	0.998	0.981	0.931	0.839	0.713	0.570	0.426	0.296	0.191
	4	1.000	1.000	0.997	0.984	0.950	0.885	0.790	0.668	0.533	0.397
	5	1.000	1.000	1.000	0.997	0.988	0.966	0.922	0.851	0.753	0.633
	6	1.000	1.000	1.000	1.000	0.998	0.992	0.978	0.950	0.901	0.826
	7	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.988	0.971	0.939
	8	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998	0.994	0.985
	9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998
	10	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	11	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12	0	0.886	0.540	0.282	0.142	0.069	0.032	0.014	0.006	0.002	0.001
	1	0.994	0.882	0.659	0.443	0.275	0.158	0.085	0.042	0.020	0.008
	2	1.000	0.980	0.889	0.736	0.558	0.391	0.253	0.151	0.083	0.042
	3	1.000	0.998	0.974	0.908	0.795	0.649	0.493	0.347	0.225	0.134
	4	1.000	1.000	0.996	0.976	0.927	0.842	0.724	0.583	0.438	0.304
	5	1.000	1.000	0.999	0.995	0.981	0.946	0.882	0.787	0.665	0.527
	6	1.000	1.000	1.000	0.999	0.996	0.986	0.961	0.915	0.842	0.739
	7	1.000	1.000	1.000	1.000	0.999	0.997	0.991	0.974	0.943	0.888
	8	1.000	1.000	1.000	1.000	1.000	1.000	0.998	0.994	0.985	0.964
	9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.997	0.992
	10	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
	11	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

		0.01	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
13	0	0.878	0.513	0.254	0.121	0.055	0.024	0.010	0.004	0.001	0.000
	1	0.993	0.865	0.621	0.398	0.234	0.127	0.064	0.030	0.013	0.005
	2	1.000	0.975	0.866	0.692	0.502	0.333	0.202	0.113	0.058	0.027
	3	1.000	0.997	0.966	0.882	0.747	0.584	0.421	0.278	0.169	0.093
	4	1.000	1.000	0.994	0.966	0.901	0.794	0.654	0.501	0.353	0.228
	5	1.000	1.000	0.999	0.992	0.970	0.920	0.835	0.716	0.574	0.427
	6	1.000	1.000	1.000	0.999	0.993	0.976	0.938	0.871	0.771	0.644
	7	1.000	1.000	1.000	1.000	0.999	0.994	0.982	0.954	0.902	0.821
	8	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.987	0.968	0.930
	9	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.997	0.992	0.980
	10	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.996
	11	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
	12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
14	0	0.869	0.488	0.229	0.103	0.044	0.018	0.007	0.002	0.001	0.000
	1	0.992	0.847	0.585	0.357	0.198	0.101	0.047	0.021	0.008	0.003
	2	1.000	0.970	0.842	0.648	0.448	0.281	0.161	0.084	0.040	0.017
	3	1.000	0.996	0.956	0.853	0.698	0.521	0.355	0.220	0.124	0.063
	4	1.000	1.000	0.991	0.953	0.870	0.742	0.584	0.423	0.279	0.167
	5	1.000	1.000	0.999	0.988	0.956	0.888	0.781	0.641	0.486	0.337
	6	1.000	1.000	1.000	0.998	0.988	0.962	0.907	0.816	0.692	0.546
	7	1.000	1.000	1.000	1.000	0.998	0.990	0.969	0.925	0.850	0.741
	8	1.000	1.000	1.000	1.000	1.000	0.998	0.992	0.976	0.942	0.881
	9	1.000	1.000	1.000	1.000	1.000	1.000	0.998	0.994	0.982	0.957
	10	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.989
	11	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998
	12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
15	0	0.860	0.463	0.206	0.087	0.035	0.013	0.005	0.002	0.000	0.000
	1	0.990	0.829	0.549	0.319	0.167	0.080	0.035	0.014	0.005	0.002
	2	1.000	0.964	0.816	0.604	0.398	0.236	0.127	0.062	0.027	0.011
	3	1.000	0.995	0.944	0.823	0.648	0.461	0.297	0.173	0.091	0.042
	4	1.000	0.999	0.987	0.938	0.836	0.686	0.515	0.352	0.217	0.120
	5	1.000	1.000	0.998	0.983	0.939	0.852	0.722	0.564	0.403	0.261
	6	1.000	1.000	1.000	0.996	0.982	0.943	0.869	0.755	0.610	0.452
	7	1.000	1.000	1.000	0.999	0.996	0.983	0.950	0.887	0.787	0.654
	8	1.000	1.000	1.000	1.000	0.999	0.996	0.985	0.958	0.905	0.818
	9	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.988	0.966	0.923
	10	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.997	0.991	0.975
	11	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	0.994
	12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
	13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
16	0	0.851	0.440	0.185	0.074	0.028	0.010	0.003	0.001	0.000	0.000
	1	0.989	0.811	0.515	0.284	0.141	0.063	0.026	0.010	0.003	0.001
	2	0.999	0.957	0.789	0.561	0.352	0.197	0.099	0.045	0.018	0.007
	3	1.000	0.993	0.932	0.790	0.598	0.405	0.246	0.134	0.065	0.028
	4	1.000	0.999	0.983	0.921	0.798	0.630	0.450	0.289	0.167	0.085
	5	1.000	1.000	0.997	0.976	0.918	0.810	0.660	0.490	0.329	0.198
	6	1.000	1.000	0.999	0.994	0.973	0.920	0.825	0.688	0.527	0.366

		0.01	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
	7	1.000	1.000	1.000	0.999	0.993	0.973	0.926	0.841	0.716	0.563
	8	1.000	1.000	1.000	1.000	0.999	0.993	0.974	0.933	0.858	0.744
	9	1.000	1.000	1.000	1.000	1.000	0.998	0.993	0.977	0.942	0.876
	10	1.000	1.000	1.000	1.000	1.000	1.000	0.998	0.994	0.981	0.951
	11	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.995	0.985
	12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.997
	13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
	14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
17	0	0.843	0.418	0.167	0.063	0.023	0.008	0.002	0.001	0.000	0.000
	1	0.988	0.792	0.482	0.252	0.118	0.050	0.019	0.007	0.002	0.001
	2	0.999	0.950	0.762	0.520	0.310	0.164	0.077	0.033	0.012	0.004
	3	1.000	0.991	0.917	0.756	0.549	0.353	0.202	0.103	0.046	0.018
	4	1.000	0.999	0.978	0.901	0.758	0.574	0.389	0.235	0.126	0.060
	5	1.000	1.000	0.995	0.968	0.894	0.765	0.597	0.420	0.264	0.147
	6	1.000	1.000	0.999	0.992	0.962	0.893	0.775	0.619	0.448	0.290
	7	1.000	1.000	1.000	0.998	0.989	0.960	0.895	0.787	0.641	0.474
	8	1.000	1.000	1.000	1.000	0.997	0.988	0.960	0.901	0.801	0.663
	9	1.000	1.000	1.000	1.000	1.000	0.997	0.987	0.962	0.908	0.817
	10	1.000	1.000	1.000	1.000	1.000	0.999	0.997	0.988	0.965	0.917
	11	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.997	0.989	0.970
	12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.997	0.991
	13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998
	14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	17	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
18	0	0.835	0.397	0.150	0.054	0.018	0.006	0.002	0.000	0.000	0.000
	1	0.986	0.774	0.450	0.224	0.099	0.039	0.014	0.005	0.001	0.000
	2	0.999	0.942	0.734	0.480	0.271	0.135	0.060	0.024	0.008	0.003
	3	1.000	0.989	0.902	0.720	0.501	0.306	0.165	0.078	0.033	0.012
	4	1.000	0.998	0.972	0.879	0.716	0.519	0.333	0.189	0.094	0.041
	5	1.000	1.000	0.994	0.958	0.867	0.717	0.534	0.355	0.209	0.108
	6	1.000	1.000	0.999	0.988	0.949	0.861	0.722	0.549	0.374	0.226
	7	1.000	1.000	1.000	0.997	0.984	0.943	0.859	0.728	0.563	0.391
	8	1.000	1.000	1.000	0.999	0.996	0.981	0.940	0.861	0.737	0.578
	9	1.000	1.000	1.000	1.000	0.999	0.995	0.979	0.940	0.865	0.747
	10	1.000	1.000	1.000	1.000	1.000	0.999	0.994	0.979	0.942	0.872
	11	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.994	0.980	0.946
	12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.994	0.982
	13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.995
	14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
	15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	17	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	18	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
19	0	0.826	0.377	0.135	0.046	0.014	0.004	0.001	0.000	0.000	0.000
	1	0.985	0.755	0.420	0.198	0.083	0.031	0.010	0.003	0.001	0.000
	2	0.999	0.933	0.705	0.441	0.237	0.111	0.046	0.017	0.005	0.002
	3	1.000	0.987	0.885	0.684	0.455	0.263	0.133	0.059	0.023	0.008
	4	1.000	0.998	0.965	0.856	0.673	0.465	0.282	0.150	0.070	0.028

		0.01	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
	5	1.000	1.000	0.991	0.946	0.837	0.668	0.474	0.297	0.163	0.078
	6	1.000	1.000	0.998	0.984	0.932	0.825	0.666	0.481	0.308	0.173
	7	1.000	1.000	1.000	0.996	0.977	0.923	0.818	0.666	0.488	0.317
	8	1.000	1.000	1.000	0.999	0.993	0.971	0.916	0.815	0.667	0.494
	9	1.000	1.000	1.000	1.000	0.998	0.991	0.967	0.913	0.814	0.671
	10	1.000	1.000	1.000	1.000	1.000	0.998	0.989	0.965	0.912	0.816
	11	1.000	1.000	1.000	1.000	1.000	1.000	0.997	0.989	0.965	0.913
	12	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.997	0.988	0.966
	13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.997	0.989
	14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.997
	15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
	16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	17	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	18	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	19	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
20	0	0.818	0.358	0.122	0.039	0.012	0.003	0.001	0.000	0.000	0.000
	1	0.983	0.736	0.392	0.176	0.069	0.024	0.008	0.002	0.001	0.000
	2	0.999	0.925	0.677	0.405	0.206	0.091	0.035	0.012	0.004	0.001
	3	1.000	0.984	0.867	0.648	0.411	0.225	0.107	0.044	0.016	0.005
	4	1.000	0.997	0.957	0.830	0.630	0.415	0.238	0.118	0.051	0.019
	5	1.000	1.000	0.989	0.933	0.804	0.617	0.416	0.245	0.126	0.055
	6	1.000	1.000	0.998	0.978	0.913	0.786	0.608	0.417	0.250	0.130
	7	1.000	1.000	1.000	0.994	0.968	0.898	0.772	0.601	0.416	0.252
	8	1.000	1.000	1.000	0.999	0.990	0.959	0.887	0.762	0.596	0.414
	9	1.000	1.000	1.000	1.000	0.997	0.986	0.952	0.878	0.755	0.591
	10	1.000	1.000	1.000	1.000	0.999	0.996	0.983	0.947	0.872	0.751
	11	1.000	1.000	1.000	1.000	1.000	0.999	0.995	0.980	0.943	0.869
	12	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.994	0.979	0.942
	13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	0.994	0.979
	14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998	0.994
	15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.998
	16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	17	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	18	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	19	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	20	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.99
1	0.500	0.450	0.400	0.350	0.300	0.250	0.200	0.150	0.100	0.050	0.010
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2	0.250	0.202	0.160	0.122	0.090	0.063	0.040	0.022	0.010	0.002	0.000
	0.750	0.698	0.640	0.577	0.510	0.437	0.360	0.277	0.190	0.097	0.020
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3	0.125	0.091	0.064	0.043	0.027	0.016	0.008	0.003	0.001	0.000	0.000
	0.500	0.425	0.352	0.282	0.216	0.156	0.104	0.061	0.028	0.007	0.000
	0.875	0.834	0.784	0.725	0.657	0.578	0.488	0.386	0.271	0.143	0.030
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
4	0.062	0.041	0.026	0.015	0.008	0.004	0.002	0.001	0.000	0.000	0.000
	0.313	0.241	0.179	0.126	0.084	0.051	0.027	0.012	0.004	0.000	0.000
	0.688	0.609	0.525	0.437	0.348	0.262	0.181	0.110	0.052	0.014	0.001
	0.938	0.908	0.870	0.821	0.760	0.684	0.590	0.478	0.344	0.185	0.039

	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.99
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
5	0.031	0.018	0.010	0.005	0.002	0.001	0.000	0.000	0.000	0.000	0.000
	0.187	0.131	0.087	0.054	0.031	0.016	0.007	0.002	0.000	0.000	0.000
	0.500	0.407	0.317	0.235	0.163	0.104	0.058	0.027	0.009	0.001	0.000
	0.812	0.744	0.663	0.572	0.472	0.367	0.263	0.165	0.081	0.023	0.001
	0.969	0.950	0.922	0.884	0.832	0.763	0.672	0.556	0.410	0.226	0.049
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
6	0.016	0.008	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	0.109	0.069	0.041	0.022	0.011	0.005	0.002	0.000	0.000	0.000	0.000
	0.344	0.255	0.179	0.117	0.070	0.038	0.017	0.006	0.001	0.000	0.000
	0.656	0.558	0.456	0.353	0.256	0.169	0.099	0.047	0.016	0.002	0.000
	0.891	0.836	0.767	0.681	0.580	0.466	0.345	0.224	0.114	0.033	0.001
	0.984	0.972	0.953	0.925	0.882	0.822	0.738	0.623	0.469	0.265	0.059
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
7	0.008	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.063	0.036	0.019	0.009	0.004	0.001	0.000	0.000	0.000	0.000	0.000
	0.227	0.153	0.096	0.056	0.029	0.013	0.005	0.001	0.000	0.000	0.000
	0.500	0.392	0.290	0.200	0.126	0.071	0.033	0.012	0.003	0.000	0.000
	0.773	0.684	0.580	0.468	0.353	0.244	0.148	0.074	0.026	0.004	0.000
	0.938	0.898	0.841	0.766	0.671	0.555	0.423	0.283	0.150	0.044	0.002
	0.992	0.985	0.972	0.951	0.918	0.867	0.790	0.679	0.522	0.302	0.068
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
8	0.004	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.035	0.018	0.009	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	0.145	0.088	0.050	0.025	0.011	0.004	0.001	0.000	0.000	0.000	0.000
	0.363	0.260	0.174	0.106	0.058	0.027	0.010	0.003	0.000	0.000	0.000
	0.637	0.523	0.406	0.294	0.194	0.114	0.056	0.021	0.005	0.000	0.000
	0.855	0.780	0.685	0.572	0.448	0.321	0.203	0.105	0.038	0.006	0.000
	0.965	0.937	0.894	0.831	0.745	0.633	0.497	0.343	0.187	0.057	0.003
	0.996	0.992	0.983	0.968	0.942	0.900	0.832	0.728	0.570	0.337	0.077
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
9	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.020	0.009	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.090	0.050	0.025	0.011	0.004	0.001	0.000	0.000	0.000	0.000	0.000
	0.254	0.166	0.099	0.054	0.025	0.010	0.003	0.001	0.000	0.000	0.000
	0.500	0.379	0.267	0.172	0.099	0.049	0.020	0.006	0.001	0.000	0.000
	0.746	0.639	0.517	0.391	0.270	0.166	0.086	0.034	0.008	0.001	0.000
	0.910	0.850	0.768	0.663	0.537	0.399	0.262	0.141	0.053	0.008	0.000
	0.980	0.961	0.929	0.879	0.804	0.700	0.564	0.401	0.225	0.071	0.003
	0.998	0.995	0.990	0.979	0.960	0.925	0.866	0.768	0.613	0.370	0.086
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
10	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.011	0.005	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.055	0.027	0.012	0.005	0.002	0.000	0.000	0.000	0.000	0.000	0.000
	0.172	0.102	0.055	0.026	0.011	0.004	0.001	0.000	0.000	0.000	0.000
	0.377	0.262	0.166	0.095	0.047	0.020	0.006	0.001	0.000	0.000	0.000
	0.623	0.496	0.367	0.249	0.150	0.078	0.033	0.010	0.002	0.000	0.000
	0.828	0.734	0.618	0.486	0.350	0.224	0.121	0.050	0.013	0.001	0.000
	0.945	0.900	0.833	0.738	0.617	0.474	0.322	0.180	0.070	0.012	0.000
	0.989	0.977	0.954	0.914	0.851	0.756	0.624	0.456	0.264	0.086	0.004
	0.999	0.997	0.994	0.987	0.972	0.944	0.893	0.803	0.651	0.401	0.096
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.99
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.006	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.033	0.015	0.006	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	0.113	0.061	0.029	0.012	0.004	0.001	0.000	0.000	0.000	0.000	0.000
	0.274	0.174	0.099	0.050	0.022	0.008	0.002	0.000	0.000	0.000	0.000
	0.500	0.367	0.247	0.149	0.078	0.034	0.012	0.003	0.000	0.000	0.000
	0.726	0.603	0.467	0.332	0.210	0.115	0.050	0.016	0.003	0.000	0.000
	0.887	0.809	0.704	0.574	0.430	0.287	0.161	0.069	0.019	0.002	0.000
	0.967	0.935	0.881	0.800	0.687	0.545	0.383	0.221	0.090	0.015	0.000
	0.994	0.986	0.970	0.939	0.887	0.803	0.678	0.508	0.303	0.102	0.005
	1.000	0.999	0.996	0.991	0.980	0.958	0.914	0.833	0.686	0.431	0.105
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.019	0.008	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.073	0.036	0.015	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000
	0.194	0.112	0.057	0.026	0.009	0.003	0.001	0.000	0.000	0.000	0.000
	0.387	0.261	0.158	0.085	0.039	0.014	0.004	0.001	0.000	0.000	0.000
	0.613	0.473	0.335	0.213	0.118	0.054	0.019	0.005	0.001	0.000	0.000
	0.806	0.696	0.562	0.417	0.276	0.158	0.073	0.024	0.004	0.000	0.000
	0.927	0.866	0.775	0.653	0.507	0.351	0.205	0.092	0.026	0.002	0.000
	0.981	0.958	0.917	0.849	0.747	0.609	0.442	0.264	0.111	0.020	0.000
	0.997	0.992	0.980	0.958	0.915	0.842	0.725	0.557	0.341	0.118	0.006
	1.000	0.999	0.998	0.994	0.986	0.968	0.931	0.858	0.718	0.460	0.114
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.011	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.046	0.020	0.008	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	0.133	0.070	0.032	0.013	0.004	0.001	0.000	0.000	0.000	0.000	0.000
	0.291	0.179	0.098	0.046	0.018	0.006	0.001	0.000	0.000	0.000	0.000
	0.500	0.356	0.229	0.129	0.062	0.024	0.007	0.001	0.000	0.000	0.000
	0.709	0.573	0.426	0.284	0.165	0.080	0.030	0.008	0.001	0.000	0.000
	0.867	0.772	0.647	0.499	0.346	0.206	0.099	0.034	0.006	0.000	0.000
	0.954	0.907	0.831	0.722	0.579	0.416	0.253	0.118	0.034	0.003	0.000
	0.989	0.973	0.942	0.887	0.798	0.667	0.498	0.308	0.134	0.025	0.000
	0.998	0.995	0.987	0.970	0.936	0.873	0.766	0.602	0.379	0.135	0.007
	1.000	1.000	0.999	0.996	0.990	0.976	0.945	0.879	0.746	0.487	0.122
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.006	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.029	0.011	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.090	0.043	0.018	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000
	0.212	0.119	0.058	0.024	0.008	0.002	0.000	0.000	0.000	0.000	0.000
	0.395	0.259	0.150	0.075	0.031	0.010	0.002	0.000	0.000	0.000	0.000
	0.605	0.454	0.308	0.184	0.093	0.038	0.012	0.002	0.000	0.000	0.000
	0.788	0.663	0.514	0.359	0.219	0.112	0.044	0.012	0.001	0.000	0.000
	0.910	0.833	0.721	0.577	0.416	0.258	0.130	0.047	0.009	0.000	0.000
	0.971	0.937	0.876	0.780	0.645	0.479	0.302	0.147	0.044	0.004	0.000
	0.994	0.983	0.960	0.916	0.839	0.719	0.552	0.352	0.158	0.030	0.000
	0.999	0.997	0.992	0.979	0.953	0.899	0.802	0.643	0.415	0.153	0.008

	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.99
	1.000	1.000	0.999	0.998	0.993	0.982	0.956	0.897	0.771	0.512	0.131
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.018	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.059	0.025	0.009	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	0.151	0.077	0.034	0.012	0.004	0.001	0.000	0.000	0.000	0.000	0.000
	0.304	0.182	0.095	0.042	0.015	0.004	0.001	0.000	0.000	0.000	0.000
	0.500	0.346	0.213	0.113	0.050	0.017	0.004	0.001	0.000	0.000	0.000
	0.696	0.548	0.390	0.245	0.131	0.057	0.018	0.004	0.000	0.000	0.000
	0.849	0.739	0.597	0.436	0.278	0.148	0.061	0.017	0.002	0.000	0.000
	0.941	0.880	0.783	0.648	0.485	0.314	0.164	0.062	0.013	0.001	0.000
	0.982	0.958	0.909	0.827	0.703	0.539	0.352	0.177	0.056	0.005	0.000
	0.996	0.989	0.973	0.938	0.873	0.764	0.602	0.396	0.184	0.036	0.000
	1.000	0.998	0.995	0.986	0.965	0.920	0.833	0.681	0.451	0.171	0.010
	1.000	1.000	1.000	0.998	0.995	0.987	0.965	0.913	0.794	0.537	0.140
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.011	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.038	0.015	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.105	0.049	0.019	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000
	0.227	0.124	0.058	0.023	0.007	0.002	0.000	0.000	0.000	0.000	0.000
	0.402	0.256	0.142	0.067	0.026	0.007	0.001	0.000	0.000	0.000	0.000
	0.598	0.437	0.284	0.159	0.074	0.027	0.007	0.001	0.000	0.000	0.000
	0.773	0.634	0.473	0.312	0.175	0.080	0.027	0.006	0.001	0.000	0.000
	0.895	0.802	0.671	0.510	0.340	0.190	0.082	0.024	0.003	0.000	0.000
	0.962	0.915	0.833	0.711	0.550	0.370	0.202	0.079	0.017	0.001	0.000
	0.989	0.972	0.935	0.866	0.754	0.595	0.402	0.210	0.068	0.007	0.000
	0.998	0.993	0.982	0.955	0.901	0.803	0.648	0.439	0.211	0.043	0.001
	1.000	0.999	0.997	0.990	0.974	0.937	0.859	0.716	0.485	0.189	0.011
	1.000	1.000	1.000	0.999	0.997	0.990	0.972	0.926	0.815	0.560	0.149
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
17	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.025	0.009	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.072	0.030	0.011	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	0.166	0.083	0.035	0.012	0.003	0.001	0.000	0.000	0.000	0.000	0.000
	0.315	0.183	0.092	0.038	0.013	0.003	0.000	0.000	0.000	0.000	0.000
	0.500	0.337	0.199	0.099	0.040	0.012	0.003	0.000	0.000	0.000	0.000
	0.685	0.526	0.359	0.213	0.105	0.040	0.011	0.002	0.000	0.000	0.000
	0.834	0.710	0.552	0.381	0.225	0.107	0.038	0.008	0.001	0.000	0.000
	0.928	0.853	0.736	0.580	0.403	0.235	0.106	0.032	0.005	0.000	0.000
	0.975	0.940	0.874	0.765	0.611	0.426	0.242	0.099	0.022	0.001	0.000
	0.994	0.982	0.954	0.897	0.798	0.647	0.451	0.244	0.083	0.009	0.000
	0.999	0.996	0.988	0.967	0.923	0.836	0.690	0.480	0.238	0.050	0.001
	1.000	0.999	0.998	0.993	0.981	0.950	0.882	0.748	0.518	0.208	0.012
	1.000	1.000	1.000	0.999	0.998	0.992	0.977	0.937	0.833	0.582	0.157

	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.99
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
18	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.004	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.015	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.048	0.018	0.006	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.119	0.054	0.020	0.006	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	0.240	0.128	0.058	0.021	0.006	0.001	0.000	0.000	0.000	0.000	0.000
	0.407	0.253	0.135	0.060	0.021	0.005	0.001	0.000	0.000	0.000	0.000
	0.593	0.422	0.263	0.139	0.060	0.019	0.004	0.001	0.000	0.000	0.000
	0.760	0.609	0.437	0.272	0.141	0.057	0.016	0.003	0.000	0.000	0.000
	0.881	0.774	0.626	0.451	0.278	0.139	0.051	0.012	0.001	0.000	0.000
	0.952	0.892	0.791	0.645	0.466	0.283	0.133	0.042	0.006	0.000	0.000
	0.985	0.959	0.906	0.811	0.667	0.481	0.284	0.121	0.028	0.002	0.000
	0.996	0.988	0.967	0.922	0.835	0.694	0.499	0.280	0.098	0.011	0.000
	0.999	0.997	0.992	0.976	0.940	0.865	0.729	0.520	0.266	0.058	0.001
	1.000	1.000	0.999	0.995	0.986	0.961	0.901	0.776	0.550	0.226	0.014
	1.000	1.000	1.000	1.000	0.998	0.994	0.982	0.946	0.850	0.603	0.165
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
19	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.010	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.032	0.011	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.084	0.034	0.012	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	0.180	0.087	0.035	0.011	0.003	0.000	0.000	0.000	0.000	0.000	0.000
	0.324	0.184	0.088	0.035	0.011	0.002	0.000	0.000	0.000	0.000	0.000
	0.500	0.329	0.186	0.087	0.033	0.009	0.002	0.000	0.000	0.000	0.000
	0.676	0.506	0.333	0.185	0.084	0.029	0.007	0.001	0.000	0.000	0.000
	0.820	0.683	0.512	0.334	0.182	0.077	0.023	0.004	0.000	0.000	0.000
	0.916	0.827	0.692	0.519	0.334	0.175	0.068	0.016	0.002	0.000	0.000
	0.968	0.922	0.837	0.703	0.526	0.332	0.163	0.054	0.009	0.000	0.000
	0.990	0.972	0.930	0.850	0.718	0.535	0.327	0.144	0.035	0.002	0.000
	0.998	0.992	0.977	0.941	0.867	0.737	0.545	0.316	0.115	0.013	0.000
	1.000	0.998	0.995	0.983	0.954	0.889	0.763	0.559	0.295	0.067	0.001
	1.000	1.000	0.999	0.997	0.990	0.969	0.917	0.802	0.580	0.245	0.015
	1.000	1.000	1.000	1.000	0.999	0.996	0.986	0.954	0.865	0.623	0.174
	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
20	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.021	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.058	0.021	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.132	0.058	0.021	0.006	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	0.252	0.131	0.057	0.020	0.005	0.001	0.000	0.000	0.000	0.000	0.000
	0.412	0.249	0.128	0.053	0.017	0.004	0.001	0.000	0.000	0.000	0.000
	0.588	0.409	0.245	0.122	0.048	0.014	0.003	0.000	0.000	0.000	0.000
	0.748	0.586	0.404	0.238	0.113	0.041	0.010	0.001	0.000	0.000	0.000

0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.99
0.868	0.748	0.584	0.399	0.228	0.102	0.032	0.006	0.000	0.000	0.000
0.942	0.870	0.750	0.583	0.392	0.214	0.087	0.022	0.002	0.000	0.000
0.979	0.945	0.874	0.755	0.584	0.383	0.196	0.067	0.011	0.000	0.000
0.994	0.981	0.949	0.882	0.762	0.585	0.370	0.170	0.043	0.003	0.000
0.999	0.995	0.984	0.956	0.893	0.775	0.589	0.352	0.133	0.016	0.000
1.000	0.999	0.996	0.988	0.965	0.909	0.794	0.595	0.323	0.075	0.001
1.000	1.000	0.999	0.998	0.992	0.976	0.931	0.824	0.608	0.264	0.017
1.000	1.000	1.000	1.000	0.999	0.997	0.988	0.961	0.878	0.642	0.182
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Tabla de la función de distribución para la distribución de Poisson

La primera fila indica el valor del parámetro λ y la primera columna el valor de un entero cualquiera k. La tabla nos da para una distribución de Poison $X = \text{Pois}(\lambda)$, la función de distribución en un valor k $F_X(k) = P(X \leq k)$.

Por ejemplo, para $\lambda = 8.5$ y $k = 5$, $F_X(5)$ valdría: $F_X(5) = 0.15$.

	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.5	2	2.5	3
0	0.905	0.819	0.741	0.670	0.607	0.549	0.497	0.449	0.407	0.368	0.223	0.135	0.082	0.050
1	0.995	0.982	0.963	0.938	0.910	0.878	0.844	0.809	0.772	0.736	0.558	0.406	0.287	0.199
2	1.000	0.999	0.996	0.992	0.986	0.977	0.966	0.953	0.937	0.920	0.809	0.677	0.544	0.423
3	1.000	1.000	1.000	0.999	0.998	0.997	0.994	0.991	0.987	0.981	0.934	0.857	0.758	0.647
4	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.998	0.996	0.981	0.947	0.891	0.815
5	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.983	0.958	0.916
6	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.995	0.986	0.966
7	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.996	0.988
8	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.996
9	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999
10	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
11	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
12	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
13	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
14	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
17	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
18	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
19	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
0	0.030	0.018	0.011	0.007	0.004	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
1	0.136	0.092	0.061	0.040	0.027	0.017	0.011	0.007	0.005	0.003	0.002	0.001	0.001	0.000
2	0.321	0.238	0.174	0.125	0.088	0.062	0.043	0.030	0.020	0.014	0.009	0.006	0.004	0.003
3	0.537	0.433	0.342	0.265	0.202	0.151	0.112	0.082	0.059	0.042	0.030	0.021	0.015	0.010
4	0.725	0.629	0.532	0.440	0.358	0.285	0.224	0.173	0.132	0.100	0.074	0.055	0.040	0.029
5	0.858	0.785	0.703	0.616	0.529	0.446	0.369	0.301	0.241	0.191	0.150	0.116	0.089	0.067
6	0.935	0.889	0.831	0.762	0.686	0.606	0.527	0.450	0.378	0.313	0.256	0.207	0.165	0.130
7	0.973	0.949	0.913	0.867	0.809	0.744	0.673	0.599	0.525	0.453	0.386	0.324	0.269	0.220
8	0.990	0.979	0.960	0.932	0.894	0.847	0.792	0.729	0.662	0.593	0.523	0.456	0.392	0.333
9	0.997	0.992	0.983	0.968	0.946	0.916	0.877	0.830	0.776	0.717	0.653	0.587	0.522	0.458
10	0.999	0.997	0.993	0.986	0.975	0.957	0.933	0.901	0.862	0.816	0.763	0.706	0.645	0.583
11	1.000	0.999	0.998	0.995	0.989	0.980	0.966	0.947	0.921	0.888	0.849	0.803	0.752	0.697
12	1.000	1.000	0.999	0.998	0.996	0.991	0.984	0.973	0.957	0.936	0.909	0.876	0.836	0.792
13	1.000	1.000	1.000	0.999	0.998	0.996	0.993	0.987	0.978	0.966	0.949	0.926	0.898	0.864
14	1.000	1.000	1.000	1.000	0.999	0.999	0.997	0.994	0.990	0.983	0.973	0.959	0.940	0.917
15	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.998	0.995	0.992	0.986	0.978	0.967	0.951
16	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998	0.996	0.993	0.989	0.982	0.973
17	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.998	0.997	0.995	0.991	0.986
18	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.998	0.996	0.993
19	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.998	0.997

Tabla de la funció de distribución para la distribución normal estándar $Z = N(0, 1)$

La tabla da la función de distribución de la distribución $Z = N(0, 1)$ hasta las centésimas. Consideremos un valor real z, la primera fila indica el valor dicho valor hasta las décimas y la primera columna indica las centésimas y dentro de la tabla hallamos $F_Z(z) = p(Z \leq z)$.

Por ejemplo, consideremos $z = 1.45$, para calcular $F_Z(z)$, buscamos en la primera columna el valor 1.4 y buscamos 5 en la primera fila (centésimas), seguidamente miramos donde se intersecan los dos valores anteriores y vemos que lo hacen en el valor 0.926. Esto significa que $F_Z(1.45) = P(Z \leq 1.45) = 0.926$.

En caso en que $z < 0$, para calcular $F_Z(z)$ podemos usar la propiedad de simetría de la $Z = N(0, 1)$:

$$F_Z(z) = P(Z \leq z) = 1 - P(Z \leq -z) = 1 - F_Z(-z).$$

Como $-z > 0$, se puede encontrar $F_Z(-z)$ en la tabla.

Por ejemplo, para hallar $F_Z(-0.89)$, hacemos

$$F_Z(-0.89) = 1 - F_Z(0.89) = 1 - 0.813 = 0.187.$$

	0	1	2	3	4	5	6	7	8	9
0.0	0.500	0.504	0.508	0.512	0.516	0.520	0.524	0.528	0.532	0.536
0.1	0.540	0.544	0.548	0.552	0.556	0.560	0.564	0.567	0.571	0.575
0.2	0.579	0.583	0.587	0.591	0.595	0.599	0.603	0.606	0.610	0.614
0.3	0.618	0.622	0.626	0.629	0.633	0.637	0.641	0.644	0.648	0.652
0.4	0.655	0.659	0.663	0.666	0.670	0.674	0.677	0.681	0.684	0.688
0.5	0.691	0.695	0.698	0.702	0.705	0.709	0.712	0.716	0.719	0.722
0.6	0.726	0.729	0.732	0.736	0.739	0.742	0.745	0.749	0.752	0.755
0.7	0.758	0.761	0.764	0.767	0.770	0.773	0.776	0.779	0.782	0.785
0.8	0.788	0.791	0.794	0.797	0.800	0.802	0.805	0.808	0.811	0.813
0.9	0.816	0.819	0.821	0.824	0.826	0.829	0.831	0.834	0.836	0.839
1.0	0.841	0.844	0.846	0.848	0.851	0.853	0.855	0.858	0.860	0.862
1.1	0.864	0.867	0.869	0.871	0.873	0.875	0.877	0.879	0.881	0.883
1.2	0.885	0.887	0.889	0.891	0.893	0.894	0.896	0.898	0.900	0.901
1.3	0.903	0.905	0.907	0.908	0.910	0.911	0.913	0.915	0.916	0.918
1.4	0.919	0.921	0.922	0.924	0.925	0.926	0.928	0.929	0.931	0.932
1.5	0.933	0.934	0.936	0.937	0.938	0.939	0.941	0.942	0.943	0.944
1.6	0.945	0.946	0.947	0.948	0.949	0.951	0.952	0.953	0.954	0.954
1.7	0.955	0.956	0.957	0.958	0.959	0.960	0.961	0.962	0.962	0.963
1.8	0.964	0.965	0.966	0.966	0.967	0.968	0.969	0.969	0.970	0.971
1.9	0.971	0.972	0.973	0.973	0.974	0.974	0.975	0.976	0.976	0.977
2.0	0.977	0.978	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.982
2.1	0.982	0.983	0.983	0.983	0.984	0.984	0.985	0.985	0.985	0.986
2.2	0.986	0.986	0.987	0.987	0.987	0.988	0.988	0.988	0.989	0.989
2.3	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.992
2.4	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.994
2.5	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
2.6	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
2.7	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
2.8	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
2.9	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999
3.0	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999

Tabla de la función de distribución para la distribución t de Student t_n

La tabla da los percentiles para la distribución t_n. La primera fila indica el percentil considerado q y la primera columna, los grados de libertad n de la distribución t_n.

Por ejemplo, consideremos $q = 0.65$, para calcular el valor $t_{0.65,19}$, buscamos en la primera fila el valor 0.65 y buscamos 19 en la primera columna, seguidamente miramos donde se intersecan los dos valores anteriores y vemos que lo hacen en el valor 0.391. Esto significa que $t_{0.65,19} = 0.391$, o, lo que es lo mismo, $p(t_{19} \leq 0.391) = 0.65$.

Si el valor de q está entre 0 y 0.5, $0 < q < 0.5$, podemos usar la simetría de la distribución t_n y escribir que $t_{\alpha,n} = -t_{1-\alpha,n}$. Por ejemplo, $t_{0.3,27} = -t_{1-0.3,27} = -t_{0.7,27} = -0.531$.

	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.975	0.99
1	0.158	0.325	0.510	0.727	1.000	1.376	1.963	3.078	6.314	12.706	31.821
2	0.142	0.289	0.445	0.617	0.816	1.061	1.386	1.886	2.920	4.303	6.965
3	0.137	0.277	0.424	0.584	0.765	0.978	1.250	1.638	2.353	3.182	4.541
4	0.134	0.271	0.414	0.569	0.741	0.941	1.190	1.533	2.132	2.776	3.747
5	0.132	0.267	0.408	0.559	0.727	0.920	1.156	1.476	2.015	2.571	3.365
6	0.131	0.265	0.404	0.553	0.718	0.906	1.134	1.440	1.943	2.447	3.143
7	0.130	0.263	0.402	0.549	0.711	0.896	1.119	1.415	1.895	2.365	2.998
8	0.130	0.262	0.399	0.546	0.706	0.889	1.108	1.397	1.860	2.306	2.896
9	0.129	0.261	0.398	0.543	0.703	0.883	1.100	1.383	1.833	2.262	2.821
10	0.129	0.260	0.397	0.542	0.700	0.879	1.093	1.372	1.812	2.228	2.764
11	0.129	0.260	0.396	0.540	0.697	0.876	1.088	1.363	1.796	2.201	2.718
12	0.128	0.259	0.395	0.539	0.695	0.873	1.083	1.356	1.782	2.179	2.681
13	0.128	0.259	0.394	0.538	0.694	0.870	1.079	1.350	1.771	2.160	2.650
14	0.128	0.258	0.393	0.537	0.692	0.868	1.076	1.345	1.761	2.145	2.624
15	0.128	0.258	0.393	0.536	0.691	0.866	1.074	1.341	1.753	2.131	2.602
16	0.128	0.258	0.392	0.535	0.690	0.865	1.071	1.337	1.746	2.120	2.583
17	0.128	0.257	0.392	0.534	0.689	0.863	1.069	1.333	1.740	2.110	2.567
18	0.127	0.257	0.392	0.534	0.688	0.862	1.067	1.330	1.734	2.101	2.552
19	0.127	0.257	0.391	0.533	0.688	0.861	1.066	1.328	1.729	2.093	2.539
20	0.127	0.257	0.391	0.533	0.687	0.860	1.064	1.325	1.725	2.086	2.528
21	0.127	0.257	0.391	0.532	0.686	0.859	1.063	1.323	1.721	2.080	2.518
22	0.127	0.256	0.390	0.532	0.686	0.858	1.061	1.321	1.717	2.074	2.508
23	0.127	0.256	0.390	0.532	0.685	0.858	1.060	1.319	1.714	2.069	2.500
24	0.127	0.256	0.390	0.531	0.685	0.857	1.059	1.318	1.711	2.064	2.492
25	0.127	0.256	0.390	0.531	0.684	0.856	1.058	1.316	1.708	2.060	2.485
26	0.127	0.256	0.390	0.531	0.684	0.856	1.058	1.315	1.706	2.056	2.479
27	0.127	0.256	0.389	0.531	0.684	0.855	1.057	1.314	1.703	2.052	2.473
28	0.127	0.256	0.389	0.530	0.683	0.855	1.056	1.313	1.701	2.048	2.467
29	0.127	0.256	0.389	0.530	0.683	0.854	1.055	1.311	1.699	2.045	2.462
30	0.127	0.256	0.389	0.530	0.683	0.854	1.055	1.310	1.697	2.042	2.457
31	0.127	0.256	0.389	0.530	0.682	0.853	1.054	1.309	1.696	2.040	2.453
32	0.127	0.255	0.389	0.530	0.682	0.853	1.054	1.309	1.694	2.037	2.449
33	0.127	0.255	0.389	0.530	0.682	0.853	1.053	1.308	1.692	2.035	2.445
34	0.127	0.255	0.389	0.529	0.682	0.852	1.052	1.307	1.691	2.032	2.441
35	0.127	0.255	0.388	0.529	0.682	0.852	1.052	1.306	1.690	2.030	2.438
36	0.127	0.255	0.388	0.529	0.681	0.852	1.052	1.306	1.688	2.028	2.434
37	0.127	0.255	0.388	0.529	0.681	0.851	1.051	1.305	1.687	2.026	2.431
38	0.127	0.255	0.388	0.529	0.681	0.851	1.051	1.304	1.686	2.024	2.429
39	0.126	0.255	0.388	0.529	0.681	0.851	1.050	1.304	1.685	2.023	2.426
40	0.126	0.255	0.388	0.529	0.681	0.851	1.050	1.303	1.684	2.021	2.423
45	0.126	0.255	0.388	0.528	0.680	0.850	1.049	1.301	1.679	2.014	2.412

	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.975	0.99
50	0.126	0.255	0.388	0.528	0.679	0.849	1.047	1.299	1.676	2.009	2.403
55	0.126	0.255	0.387	0.527	0.679	0.848	1.046	1.297	1.673	2.004	2.396
60	0.126	0.254	0.387	0.527	0.679	0.848	1.045	1.296	1.671	2.000	2.390
65	0.126	0.254	0.387	0.527	0.678	0.847	1.045	1.295	1.669	1.997	2.385
70	0.126	0.254	0.387	0.527	0.678	0.847	1.044	1.294	1.667	1.994	2.381
75	0.126	0.254	0.387	0.527	0.678	0.846	1.044	1.293	1.665	1.992	2.377
80	0.126	0.254	0.387	0.526	0.678	0.846	1.043	1.292	1.664	1.990	2.374
90	0.126	0.254	0.387	0.526	0.677	0.846	1.042	1.291	1.662	1.987	2.368
100	0.126	0.254	0.386	0.526	0.677	0.845	1.042	1.290	1.660	1.984	2.364
110	0.126	0.254	0.386	0.526	0.677	0.845	1.041	1.289	1.659	1.982	2.361
120	0.126	0.254	0.386	0.526	0.677	0.845	1.041	1.289	1.658	1.980	2.358
130	0.126	0.254	0.386	0.526	0.676	0.844	1.041	1.288	1.657	1.978	2.355
140	0.126	0.254	0.386	0.526	0.676	0.844	1.040	1.288	1.656	1.977	2.353
150	0.126	0.254	0.386	0.526	0.676	0.844	1.040	1.287	1.655	1.976	2.351
200	0.126	0.254	0.386	0.525	0.676	0.843	1.039	1.286	1.653	1.972	2.345
300	0.126	0.254	0.386	0.525	0.675	0.843	1.038	1.284	1.650	1.968	2.339
400	0.126	0.254	0.386	0.525	0.675	0.843	1.038	1.284	1.649	1.966	2.336
500	0.126	0.253	0.386	0.525	0.675	0.842	1.038	1.283	1.648	1.965	2.334

Tabla de la función de distribución para la distribución χ^2_n

La tabla da los percentiles para la distribución χ^2_n. La primera fila indica el percentil considerado q y la primera columna, los grados de libertad n de la distribución χ^2_n.

Por ejemplo, consideremos $q = 0.65$, para calcular el valor $\chi^2_{0.65,19}$, buscamos en la primera fila el valor 0.65 y buscamos 19 en la primera columna, seguidamente miramos donde se intersecan los dos valores anteriores y vemos que lo hacen en el valor 20.764. Esto significa que $\chi^2_{0.65,19} = 20.764$, o, lo que es lo mismo, $p(\chi^2_{19} \leq 20.764) = 0.65$.

	0.01	0.025	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
1	0.000	0.001	0.004	0.016	0.036	0.064	0.102	0.148	0.206	0.275	0.357
2	0.020	0.051	0.103	0.211	0.325	0.446	0.575	0.713	0.862	1.022	1.196
3	0.115	0.216	0.352	0.584	0.798	1.005	1.213	1.424	1.642	1.869	2.109
4	0.297	0.484	0.711	1.064	1.366	1.649	1.923	2.195	2.470	2.753	3.047
5	0.554	0.831	1.145	1.610	1.994	2.343	2.675	3.000	3.325	3.655	3.996
6	0.872	1.237	1.635	2.204	2.661	3.070	3.455	3.828	4.197	4.570	4.952
7	1.239	1.690	2.167	2.833	3.358	3.822	4.255	4.671	5.082	5.493	5.913
8	1.646	2.180	2.733	3.490	4.078	4.594	5.071	5.527	5.975	6.423	6.877
9	2.088	2.700	3.325	4.168	4.817	5.380	5.899	6.393	6.876	7.357	7.843
10	2.558	3.247	3.940	4.865	5.570	6.179	6.737	7.267	7.783	8.295	8.812
11	3.053	3.816	4.575	5.578	6.336	6.989	7.584	8.148	8.695	9.237	9.783
12	3.571	4.404	5.226	6.304	7.114	7.807	8.438	9.034	9.612	10.182	10.755
13	4.107	5.009	5.892	7.042	7.901	8.634	9.299	9.926	10.532	11.129	11.729
14	4.660	5.629	6.571	7.790	8.696	9.467	10.165	10.821	11.455	12.078	12.703
15	5.229	6.262	7.261	8.547	9.499	10.307	11.037	11.721	12.381	13.030	13.679
16	5.812	6.908	7.962	9.312	10.309	11.152	11.912	12.624	13.310	13.983	14.655
17	6.408	7.564	8.672	10.085	11.125	12.002	12.792	13.531	14.241	14.937	15.633
18	7.015	8.231	9.390	10.865	11.946	12.857	13.675	14.440	15.174	15.893	16.611
19	7.633	8.907	10.117	11.651	12.773	13.716	14.562	15.352	16.109	16.850	17.589
20	8.260	9.591	10.851	12.443	13.604	14.578	15.452	16.266	17.046	17.809	18.569
21	8.897	10.283	11.591	13.240	14.439	15.445	16.344	17.182	17.984	18.768	19.548
22	9.542	10.982	12.338	14.041	15.279	16.314	17.240	18.101	18.924	19.729	20.529
23	10.196	11.689	13.091	14.848	16.122	17.187	18.137	19.021	19.866	20.690	21.510
24	10.856	12.401	13.848	15.659	16.969	18.062	19.037	19.943	20.808	21.652	22.491
25	11.524	13.120	14.611	16.473	17.818	18.940	19.939	20.867	21.752	22.616	23.472
26	12.198	13.844	15.379	17.292	18.671	19.820	20.843	21.792	22.697	23.579	24.454
27	12.879	14.573	16.151	18.114	19.527	20.703	21.749	22.719	23.644	24.544	25.437
28	13.565	15.308	16.928	18.939	20.386	21.588	22.657	23.647	24.591	25.509	26.419
29	14.256	16.047	17.708	19.768	21.247	22.475	23.567	24.577	25.539	26.475	27.402
30	14.953	16.791	18.493	20.599	22.110	23.364	24.478	25.508	26.488	27.442	28.386
31	15.655	17.539	19.281	21.434	22.976	24.255	25.390	26.440	27.438	28.409	29.369
32	16.362	18.291	20.072	22.271	23.844	25.148	26.304	27.373	28.389	29.376	30.353
33	17.074	19.047	20.867	23.110	24.714	26.042	27.219	28.307	29.340	30.344	31.337
34	17.789	19.806	21.664	23.952	25.586	26.938	28.136	29.242	30.293	31.313	32.322
35	18.509	20.569	22.465	24.797	26.460	27.836	29.054	30.178	31.246	32.282	33.306
36	19.233	21.336	23.269	25.643	27.336	28.735	29.973	31.115	32.200	33.252	34.291
37	19.960	22.106	24.075	26.492	28.214	29.635	30.893	32.053	33.154	34.222	35.276
38	20.691	22.878	24.884	27.343	29.093	30.537	31.815	32.992	34.109	35.192	36.262
39	21.426	23.654	25.695	28.196	29.974	31.441	32.737	33.932	35.064	36.163	37.247
40	22.164	24.433	26.509	29.051	30.856	32.345	33.660	34.872	36.021	37.134	38.233
45	25.901	28.366	30.612	33.350	35.290	36.884	38.291	39.585	40.809	41.995	43.164
50	29.707	32.357	34.764	37.689	39.754	41.449	42.942	44.313	45.610	46.864	48.099
55	33.570	36.398	38.958	42.060	44.245	46.036	47.610	49.055	50.420	51.739	53.037
60	37.485	40.482	43.188	46.459	48.759	50.641	52.294	53.809	55.239	56.620	57.978

	0.01	0.025	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
65	41.444	44.603	47.450	50.883	53.293	55.262	56.990	58.573	60.066	61.506	62.921
70	45.442	48.758	51.739	55.329	57.844	59.898	61.698	63.346	64.899	66.396	67.866
75	49.475	52.942	56.054	59.795	62.412	64.547	66.417	68.127	69.738	71.290	72.814
80	53.540	57.153	60.391	64.278	66.994	69.207	71.145	72.915	74.583	76.188	77.763
90	61.754	65.647	69.126	73.291	76.195	78.558	80.625	82.511	84.285	85.993	87.666
100	70.065	74.222	77.929	82.358	85.441	87.945	90.133	92.129	94.005	95.808	97.574
110	78.458	82.867	86.792	91.471	94.723	97.362	99.666	101.766	103.738	105.632	107.487
120	86.923	91.573	95.705	100.624	104.037	106.806	109.220	111.419	113.483	115.465	117.404
130	95.451	100.331	104.662	109.811	113.380	116.272	118.792	121.086	123.238	125.304	127.324
140	104.034	109.137	113.659	119.029	122.748	125.758	128.380	130.766	133.003	135.149	137.248
150	112.668	117.985	122.692	128.275	132.137	135.263	137.983	140.457	142.776	145.000	147.174
200	156.432	162.728	168.279	174.835	179.355	183.003	186.172	189.049	191.741	194.319	196.836
300	245.972	253.912	260.878	269.068	274.690	279.214	283.135	286.688	290.006	293.179	296.270
400	337.155	346.482	354.641	364.207	370.759	376.022	380.577	384.698	388.544	392.217	395.793
500	429.388	439.936	449.147	459.926	467.296	473.210	478.323	482.946	487.257	491.371	495.373

	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.975	0.99
1	0.571	0.708	0.873	1.074	1.323	1.642	2.072	2.706	3.841	5.024	6.635
2	1.597	1.833	2.100	2.408	2.773	3.219	3.794	4.605	5.991	7.378	9.210
3	2.643	2.946	3.283	3.665	4.108	4.642	5.317	6.251	7.815	9.348	11.345
4	3.687	4.045	4.438	4.878	5.385	5.989	6.745	7.779	9.488	11.143	13.277
5	4.728	5.132	5.573	6.064	6.626	7.289	8.115	9.236	11.070	12.833	15.086
6	5.765	6.211	6.695	7.231	7.841	8.558	9.446	10.645	12.592	14.449	16.812
7	6.800	7.283	7.806	8.383	9.037	9.803	10.748	12.017	14.067	16.013	18.475
8	7.833	8.351	8.909	9.524	10.219	11.030	12.027	13.362	15.507	17.535	20.090
9	8.863	9.414	10.006	10.656	11.389	12.242	13.288	14.684	16.919	19.023	21.666
10	9.892	10.473	11.097	11.781	12.549	13.442	14.534	15.987	18.307	20.483	23.209
11	10.920	11.530	12.184	12.899	13.701	14.631	15.767	17.275	19.675	21.920	24.725
12	11.946	12.584	13.266	14.011	14.845	15.812	16.989	18.549	21.026	23.337	26.217
13	12.972	13.636	14.345	15.119	15.984	16.985	18.202	19.812	22.362	24.736	27.688
14	13.996	14.685	15.421	16.222	17.117	18.151	19.406	21.064	23.685	26.119	29.141
15	15.020	15.733	16.494	17.322	18.245	19.311	20.603	22.307	24.996	27.488	30.578
16	16.042	16.780	17.565	18.418	19.369	20.465	21.793	23.542	26.296	28.845	32.000
17	17.065	17.824	18.633	19.511	20.489	21.615	22.977	24.769	27.587	30.191	33.409
18	18.086	18.868	19.699	20.601	21.605	22.760	24.155	25.989	28.869	31.526	34.805
19	19.107	19.910	20.764	21.689	22.718	23.900	25.329	27.204	30.144	32.852	36.191
20	20.127	20.951	21.826	22.775	23.828	25.038	26.498	28.412	31.410	34.170	37.566
21	21.147	21.991	22.888	23.858	24.935	26.171	27.662	29.615	32.671	35.479	38.932
22	22.166	23.031	23.947	24.939	26.039	27.301	28.822	30.813	33.924	36.781	40.289
23	23.185	24.069	25.006	26.018	27.141	28.429	29.979	32.007	35.172	38.076	41.638
24	24.204	25.106	26.063	27.096	28.241	29.553	31.132	33.196	36.415	39.364	42.980
25	25.222	26.143	27.118	28.172	29.339	30.675	32.282	34.382	37.652	40.646	44.314
26	26.240	27.179	28.173	29.246	30.435	31.795	33.429	35.563	38.885	41.923	45.642
27	27.257	28.214	29.227	30.319	31.528	32.912	34.574	36.741	40.113	43.195	46.963
28	28.274	29.249	30.279	31.391	32.620	34.027	35.715	37.916	41.337	44.461	48.278
29	29.291	30.283	31.331	32.461	33.711	35.139	36.854	39.087	42.557	45.722	49.588
30	30.307	31.316	32.382	33.530	34.800	36.250	37.990	40.256	43.773	46.979	50.892
31	31.323	32.349	33.431	34.598	35.887	37.359	39.124	41.422	44.985	48.232	52.191
32	32.339	33.381	34.480	35.665	36.973	38.466	40.256	42.585	46.194	49.480	53.486
33	33.355	34.413	35.529	36.731	38.058	39.572	41.386	43.745	47.400	50.725	54.776
34	34.371	35.444	36.576	37.795	39.141	40.676	42.514	44.903	48.602	51.966	56.061

	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	0.975	0.99
35	35.386	36.475	37.623	38.859	40.223	41.778	43.640	46.059	49.802	53.203	57.342
36	36.401	37.505	38.669	39.922	41.304	42.879	44.764	47.212	50.998	54.437	58.619
37	37.416	38.535	39.715	40.984	42.383	43.978	45.886	48.363	52.192	55.668	59.893
38	38.430	39.564	40.760	42.045	43.462	45.076	47.007	49.513	53.384	56.896	61.162
39	39.445	40.593	41.804	43.105	44.539	46.173	48.126	50.660	54.572	58.120	62.428
40	40.459	41.622	42.848	44.165	45.616	47.269	49.244	51.805	55.758	59.342	63.691
45	45.527	46.761	48.058	49.452	50.985	52.729	54.810	57.505	61.656	65.410	69.957
50	50.592	51.892	53.258	54.723	56.334	58.164	60.346	63.167	67.505	71.420	76.154
55	55.654	57.016	58.447	59.980	61.665	63.577	65.855	68.796	73.311	77.380	82.292
60	60.713	62.135	63.628	65.227	66.981	68.972	71.341	74.397	79.082	83.298	88.379
65	65.769	67.249	68.801	70.462	72.285	74.351	76.807	79.973	84.821	89.177	94.422
70	70.824	72.358	73.968	75.689	77.577	79.715	82.255	85.527	90.531	95.023	100.425
75	75.876	77.464	79.129	80.908	82.858	85.066	87.688	91.061	96.217	100.839	106.393
80	80.927	82.566	84.284	86.120	88.130	90.405	93.106	96.578	101.879	106.629	112.329
90	91.023	92.761	94.581	96.524	98.650	101.054	103.904	107.565	113.145	118.136	124.116
100	101.115	102.946	104.862	106.906	109.141	111.667	114.659	118.498	124.342	129.561	135.807
110	111.202	113.121	115.128	117.269	119.608	122.250	125.376	129.385	135.480	140.917	147.414
120	121.285	123.289	125.383	127.616	130.055	132.806	136.062	140.233	146.567	152.211	158.950
130	131.365	133.450	135.628	137.949	140.482	143.340	146.719	151.045	157.610	163.453	170.423
140	141.441	143.604	145.863	148.269	150.894	153.854	157.352	161.827	168.613	174.648	181.840
150	151.515	153.753	156.090	158.577	161.291	164.349	167.962	172.581	179.581	185.800	193.208
200	201.853	204.434	207.124	209.985	213.102	216.609	220.744	226.021	233.994	241.058	249.445
300	302.418	305.574	308.859	312.346	316.138	320.397	325.409	331.789	341.395	349.874	359.906
400	402.895	406.535	410.321	414.335	418.697	423.590	429.340	436.649	447.632	457.305	468.724
500	503.315	507.382	511.608	516.087	520.950	526.401	532.803	540.930	553.127	563.852	576.493

Tabla de la función de distribución para la distribución F_{n_1,n_2}

La tabla da los percentiles para la distribución F_{n_1,n_2}.

Se muestra una tabla para cada percentil q para una secuencia de qs entre 0.5 y 1. Fijado q, la primera fila indica el grado de libertad n_1 y la primera columna, el segundo grado de libertad n_2.

Por ejemplo, consideremos $q = 0.5$. El percentil $F_{0.5,15,23}$ sería $F_{0.5,15,23} = 0.984$. Es decir, $p(F_{15,23} \leq 0.984) = 0.5$.

Si el percentil q está entre 0 y 0.5, podemos usar la propiedad siguiente de la distribución F_{n_1,n_2}:

$$F_{q,n_1,n_2} = \frac{1}{F_{1-q,n_2,n_1}}.$$

Por ejemplo, para hallar $F_{0.1,14,23}$, podemos hacer lo siguiente:

$$F_{0.1,14,23} = \frac{1}{F_{1-0.1,23,14}} = \frac{1}{F_{0.9,23,14}} = \frac{1}{1.943} = 0.515.$$

$x = 0.5$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1.000	0.667	0.585	0.549	0.528	0.515	0.506	0.499	0.494	0.490	0.486	0.484	0.481	0.479
2	1.500	1.000	0.881	0.828	0.799	0.780	0.767	0.757	0.749	0.743	0.739	0.735	0.731	0.729
3	1.709	1.135	1.000	0.941	0.907	0.886	0.871	0.860	0.852	0.845	0.840	0.835	0.832	0.828
4	1.823	1.207	1.063	1.000	0.965	0.942	0.926	0.915	0.906	0.899	0.893	0.888	0.885	0.881
5	1.894	1.252	1.102	1.037	1.000	0.977	0.960	0.948	0.939	0.932	0.926	0.921	0.917	0.914
6	1.942	1.282	1.129	1.062	1.024	1.000	0.983	0.971	0.962	0.954	0.948	0.943	0.939	0.936
7	1.977	1.305	1.148	1.080	1.041	1.017	1.000	0.988	0.978	0.971	0.964	0.959	0.955	0.952
8	2.004	1.321	1.163	1.093	1.055	1.030	1.013	1.000	0.990	0.983	0.977	0.972	0.967	0.964
9	2.025	1.334	1.174	1.104	1.065	1.040	1.022	1.010	1.000	0.992	0.986	0.981	0.977	0.973
10	2.042	1.345	1.183	1.113	1.073	1.048	1.030	1.018	1.008	1.000	0.994	0.989	0.984	0.981
11	2.056	1.354	1.191	1.120	1.080	1.054	1.037	1.024	1.014	1.006	1.000	0.995	0.990	0.987
12	2.067	1.361	1.197	1.126	1.085	1.060	1.042	1.029	1.019	1.012	1.005	1.000	0.996	0.992
13	2.077	1.367	1.203	1.131	1.090	1.065	1.047	1.034	1.024	1.016	1.010	1.004	1.000	0.996
14	2.086	1.372	1.207	1.135	1.094	1.069	1.051	1.038	1.028	1.020	1.013	1.008	1.004	1.000
15	2.093	1.377	1.211	1.139	1.098	1.072	1.054	1.041	1.031	1.023	1.017	1.012	1.007	1.003
16	2.100	1.381	1.215	1.142	1.101	1.075	1.057	1.044	1.034	1.026	1.020	1.014	1.010	1.006
17	2.105	1.385	1.218	1.145	1.104	1.078	1.060	1.047	1.037	1.029	1.022	1.017	1.012	1.009
18	2.110	1.388	1.220	1.147	1.106	1.080	1.062	1.049	1.039	1.031	1.025	1.019	1.015	1.011
19	2.115	1.391	1.223	1.150	1.109	1.083	1.064	1.051	1.041	1.033	1.027	1.021	1.017	1.013
20	2.119	1.393	1.225	1.152	1.111	1.084	1.066	1.053	1.043	1.035	1.028	1.023	1.019	1.015
21	2.123	1.396	1.227	1.154	1.112	1.086	1.068	1.055	1.045	1.037	1.030	1.025	1.020	1.016
22	2.126	1.398	1.229	1.155	1.114	1.088	1.070	1.056	1.046	1.038	1.032	1.026	1.022	1.018
23	2.129	1.400	1.231	1.157	1.116	1.089	1.071	1.058	1.048	1.040	1.033	1.028	1.023	1.019
24	2.132	1.401	1.232	1.158	1.117	1.091	1.072	1.059	1.049	1.041	1.034	1.029	1.024	1.020
25	2.135	1.403	1.234	1.160	1.118	1.092	1.074	1.060	1.050	1.042	1.035	1.030	1.026	1.022
26	2.137	1.405	1.235	1.161	1.119	1.093	1.075	1.061	1.051	1.043	1.037	1.031	1.027	1.023
27	2.139	1.406	1.236	1.162	1.121	1.094	1.076	1.062	1.052	1.044	1.038	1.032	1.028	1.024
28	2.141	1.407	1.237	1.163	1.122	1.095	1.077	1.063	1.053	1.045	1.038	1.033	1.028	1.025
29	2.143	1.408	1.238	1.164	1.122	1.096	1.078	1.064	1.054	1.046	1.039	1.034	1.029	1.025
30	2.145	1.410	1.239	1.165	1.123	1.097	1.079	1.065	1.055	1.047	1.040	1.035	1.030	1.026
31	2.147	1.411	1.240	1.166	1.124	1.098	1.079	1.066	1.056	1.047	1.041	1.035	1.031	1.027
32	2.148	1.412	1.241	1.167	1.125	1.098	1.080	1.067	1.056	1.048	1.042	1.036	1.032	1.028
33	2.150	1.413	1.242	1.167	1.126	1.099	1.081	1.067	1.057	1.049	1.042	1.037	1.032	1.028

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
34	2.151	1.413	1.243	1.168	1.126	1.100	1.081	1.068	1.058	1.049	1.043	1.037	1.033	1.029
35	2.153	1.414	1.243	1.169	1.127	1.100	1.082	1.069	1.058	1.050	1.043	1.038	1.033	1.030
40	2.158	1.418	1.246	1.172	1.130	1.103	1.085	1.071	1.061	1.053	1.046	1.041	1.036	1.032
50	2.166	1.423	1.251	1.176	1.134	1.107	1.088	1.075	1.064	1.056	1.050	1.044	1.039	1.036
60	2.172	1.426	1.254	1.178	1.136	1.109	1.091	1.077	1.067	1.059	1.052	1.046	1.042	1.038
70	2.175	1.428	1.256	1.180	1.138	1.111	1.093	1.079	1.068	1.060	1.054	1.048	1.043	1.040
80	2.178	1.430	1.257	1.182	1.139	1.112	1.094	1.080	1.070	1.062	1.055	1.049	1.045	1.041
90	2.180	1.432	1.258	1.183	1.140	1.114	1.095	1.081	1.071	1.062	1.056	1.050	1.046	1.042
100	2.182	1.433	1.259	1.184	1.141	1.114	1.096	1.082	1.072	1.063	1.057	1.051	1.046	1.043

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	0.478	0.476	0.475	0.474	0.473	0.472	0.471	0.470	0.470	0.469	0.468	0.468	0.467	0.467
2	0.726	0.724	0.722	0.721	0.719	0.718	0.717	0.715	0.714	0.714	0.713	0.712	0.711	0.711
3	0.826	0.823	0.821	0.819	0.818	0.816	0.815	0.814	0.813	0.812	0.811	0.810	0.809	0.808
4	0.878	0.876	0.874	0.872	0.870	0.868	0.867	0.866	0.864	0.863	0.862	0.861	0.861	0.860
5	0.911	0.908	0.906	0.904	0.902	0.900	0.899	0.898	0.896	0.895	0.894	0.893	0.892	0.892
6	0.933	0.930	0.928	0.926	0.924	0.922	0.921	0.919	0.918	0.917	0.916	0.915	0.914	0.913
7	0.949	0.946	0.943	0.941	0.939	0.938	0.936	0.935	0.934	0.932	0.931	0.930	0.930	0.929
8	0.960	0.958	0.955	0.953	0.951	0.950	0.948	0.947	0.945	0.944	0.943	0.942	0.941	0.940
9	0.970	0.967	0.965	0.962	0.961	0.959	0.957	0.956	0.955	0.953	0.952	0.951	0.950	0.950
10	0.977	0.975	0.972	0.970	0.968	0.966	0.965	0.963	0.962	0.961	0.960	0.959	0.958	0.957
11	0.983	0.981	0.978	0.976	0.974	0.972	0.971	0.969	0.968	0.967	0.966	0.965	0.964	0.963
12	0.989	0.986	0.983	0.981	0.979	0.977	0.976	0.974	0.973	0.972	0.971	0.970	0.969	0.968
13	0.993	0.990	0.988	0.985	0.984	0.982	0.980	0.979	0.977	0.976	0.975	0.974	0.973	0.972
14	0.997	0.994	0.991	0.989	0.987	0.985	0.984	0.982	0.981	0.980	0.979	0.978	0.977	0.976
15	1.000	0.997	0.995	0.992	0.990	0.989	0.987	0.986	0.984	0.983	0.982	0.981	0.980	0.979
16	1.003	1.000	0.997	0.995	0.993	0.992	0.990	0.988	0.987	0.986	0.985	0.984	0.983	0.982
17	1.005	1.003	1.000	0.998	0.996	0.994	0.992	0.991	0.990	0.988	0.987	0.986	0.985	0.984
18	1.008	1.005	1.002	1.000	0.998	0.996	0.995	0.993	0.992	0.991	0.989	0.988	0.988	0.987
19	1.010	1.007	1.004	1.002	1.000	0.998	0.997	0.995	0.994	0.993	0.991	0.990	0.989	0.989
20	1.011	1.009	1.006	1.004	1.002	1.000	0.998	0.997	0.996	0.994	0.993	0.992	0.991	0.990
21	1.013	1.010	1.008	1.005	1.003	1.002	1.000	0.999	0.997	0.996	0.995	0.994	0.993	0.992
22	1.015	1.012	1.009	1.007	1.005	1.003	1.001	1.000	0.999	0.997	0.996	0.995	0.994	0.993
23	1.016	1.013	1.010	1.008	1.006	1.004	1.003	1.001	1.000	0.999	0.998	0.997	0.996	0.995
24	1.017	1.014	1.012	1.009	1.007	1.006	1.004	1.003	1.001	1.000	0.999	0.998	0.997	0.996
25	1.018	1.015	1.013	1.011	1.009	1.007	1.005	1.004	1.002	1.001	1.000	0.999	0.998	0.997
26	1.019	1.016	1.014	1.012	1.010	1.008	1.006	1.005	1.003	1.002	1.001	1.000	0.999	0.998
27	1.020	1.017	1.015	1.013	1.011	1.009	1.007	1.006	1.004	1.003	1.002	1.001	1.000	0.999
28	1.021	1.018	1.016	1.014	1.012	1.010	1.008	1.007	1.005	1.004	1.003	1.002	1.001	1.000
29	1.022	1.019	1.017	1.014	1.012	1.011	1.009	1.007	1.006	1.005	1.004	1.003	1.002	1.001
30	1.023	1.020	1.017	1.015	1.013	1.011	1.010	1.008	1.007	1.006	1.005	1.003	1.003	1.002
31	1.024	1.021	1.018	1.016	1.014	1.012	1.010	1.009	1.008	1.006	1.005	1.004	1.003	1.002
32	1.024	1.021	1.019	1.017	1.015	1.013	1.011	1.010	1.008	1.007	1.006	1.005	1.004	1.003
33	1.025	1.022	1.020	1.017	1.015	1.013	1.012	1.010	1.009	1.008	1.007	1.006	1.005	1.004
34	1.026	1.023	1.020	1.018	1.016	1.014	1.012	1.011	1.010	1.008	1.007	1.006	1.005	1.004
35	1.026	1.023	1.021	1.018	1.016	1.015	1.013	1.011	1.010	1.009	1.008	1.007	1.006	1.005
40	1.029	1.026	1.023	1.021	1.019	1.017	1.015	1.014	1.013	1.011	1.010	1.009	1.008	1.007
50	1.032	1.029	1.027	1.024	1.022	1.020	1.019	1.017	1.016	1.015	1.014	1.013	1.012	1.011
60	1.034	1.032	1.029	1.027	1.025	1.023	1.021	1.020	1.018	1.017	1.016	1.015	1.014	1.013
70	1.036	1.033	1.031	1.028	1.026	1.024	1.023	1.021	1.020	1.019	1.017	1.016	1.015	1.015
80	1.037	1.034	1.032	1.030	1.027	1.026	1.024	1.022	1.021	1.020	1.019	1.018	1.017	1.016

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
90	1.038	1.035	1.033	1.030	1.028	1.027	1.025	1.023	1.022	1.021	1.020	1.019	1.018	1.017
100	1.039	1.036	1.034	1.031	1.029	1.027	1.026	1.024	1.023	1.022	1.020	1.019	1.018	1.017

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	0.467	0.466	0.466	0.465	0.465	0.465	0.465	0.463	0.462	0.460	0.460	0.459	0.459	0.458
2	0.710	0.709	0.709	0.708	0.708	0.707	0.707	0.705	0.703	0.701	0.700	0.699	0.699	0.698
3	0.808	0.807	0.806	0.806	0.805	0.805	0.804	0.802	0.800	0.798	0.796	0.795	0.795	0.794
4	0.859	0.858	0.858	0.857	0.857	0.856	0.856	0.854	0.851	0.849	0.847	0.846	0.846	0.845
5	0.891	0.890	0.890	0.889	0.888	0.888	0.887	0.885	0.882	0.880	0.879	0.878	0.877	0.876
6	0.912	0.912	0.911	0.910	0.910	0.909	0.909	0.907	0.903	0.901	0.900	0.899	0.898	0.897
7	0.928	0.927	0.927	0.926	0.925	0.925	0.924	0.922	0.919	0.917	0.915	0.914	0.913	0.913
8	0.940	0.939	0.938	0.938	0.937	0.936	0.936	0.934	0.930	0.928	0.927	0.926	0.925	0.924
9	0.949	0.948	0.947	0.947	0.946	0.946	0.945	0.943	0.940	0.937	0.936	0.935	0.934	0.933
10	0.956	0.955	0.955	0.954	0.953	0.953	0.952	0.950	0.947	0.945	0.943	0.942	0.941	0.940
11	0.962	0.961	0.961	0.960	0.959	0.959	0.958	0.956	0.953	0.951	0.949	0.948	0.947	0.946
12	0.967	0.966	0.966	0.965	0.964	0.964	0.963	0.961	0.958	0.956	0.954	0.953	0.952	0.951
13	0.971	0.971	0.970	0.969	0.969	0.968	0.968	0.965	0.962	0.960	0.958	0.957	0.956	0.956
14	0.975	0.974	0.974	0.973	0.972	0.972	0.971	0.969	0.966	0.964	0.962	0.961	0.960	0.959
15	0.978	0.978	0.977	0.976	0.976	0.975	0.974	0.972	0.969	0.967	0.965	0.964	0.963	0.962
16	0.981	0.980	0.980	0.979	0.978	0.978	0.977	0.975	0.972	0.969	0.968	0.967	0.966	0.965
17	0.984	0.983	0.982	0.981	0.981	0.980	0.980	0.977	0.974	0.972	0.970	0.969	0.968	0.968
18	0.986	0.985	0.984	0.984	0.983	0.982	0.982	0.980	0.976	0.974	0.972	0.971	0.970	0.970
19	0.988	0.987	0.986	0.986	0.985	0.984	0.984	0.981	0.978	0.976	0.974	0.973	0.972	0.972
20	0.990	0.989	0.988	0.987	0.987	0.986	0.986	0.983	0.980	0.978	0.976	0.975	0.974	0.973
21	0.991	0.990	0.990	0.989	0.988	0.988	0.987	0.985	0.982	0.979	0.978	0.977	0.976	0.975
22	0.993	0.992	0.991	0.990	0.990	0.989	0.989	0.986	0.983	0.981	0.979	0.978	0.977	0.976
23	0.994	0.993	0.992	0.992	0.991	0.991	0.990	0.988	0.984	0.982	0.981	0.979	0.978	0.978
24	0.995	0.994	0.994	0.993	0.992	0.992	0.991	0.989	0.985	0.983	0.982	0.981	0.980	0.979
25	0.996	0.996	0.995	0.994	0.993	0.993	0.992	0.990	0.987	0.984	0.983	0.982	0.981	0.980
26	0.997	0.997	0.996	0.995	0.995	0.994	0.993	0.991	0.988	0.985	0.984	0.983	0.982	0.981
27	0.998	0.997	0.997	0.996	0.995	0.995	0.994	0.992	0.989	0.986	0.985	0.984	0.983	0.982
28	0.999	0.998	0.998	0.997	0.996	0.996	0.995	0.993	0.989	0.987	0.986	0.984	0.984	0.983
29	1.000	0.999	0.998	0.998	0.997	0.997	0.996	0.994	0.990	0.988	0.986	0.985	0.984	0.984
30	1.001	1.000	0.999	0.999	0.998	0.997	0.997	0.994	0.991	0.989	0.987	0.986	0.985	0.984
31	1.002	1.001	1.000	0.999	0.999	0.998	0.998	0.995	0.992	0.990	0.988	0.987	0.986	0.985
32	1.002	1.001	1.001	1.000	0.999	0.999	0.998	0.996	0.992	0.990	0.989	0.987	0.987	0.986
33	1.003	1.002	1.001	1.001	1.000	0.999	0.999	0.996	0.993	0.991	0.989	0.988	0.987	0.986
34	1.003	1.003	1.002	1.001	1.001	1.000	0.999	0.997	0.994	0.991	0.990	0.989	0.988	0.987
35	1.004	1.003	1.002	1.002	1.001	1.001	1.000	0.998	0.994	0.992	0.990	0.989	0.988	0.988
40	1.006	1.006	1.005	1.004	1.004	1.003	1.002	1.000	0.997	0.994	0.993	0.992	0.991	0.990
50	1.010	1.009	1.008	1.008	1.007	1.006	1.006	1.003	1.000	0.998	0.996	0.995	0.994	0.993
60	1.012	1.011	1.011	1.010	1.009	1.009	1.008	1.006	1.002	1.000	0.998	0.997	0.996	0.996
70	1.014	1.013	1.012	1.011	1.011	1.010	1.010	1.007	1.004	1.002	1.000	0.999	0.998	0.997
80	1.015	1.014	1.013	1.013	1.012	1.011	1.011	1.008	1.005	1.003	1.001	1.000	0.999	0.998
90	1.016	1.015	1.014	1.014	1.013	1.012	1.012	1.009	1.006	1.004	1.002	1.001	1.000	0.999
100	1.017	1.016	1.015	1.014	1.014	1.013	1.013	1.010	1.007	1.004	1.003	1.002	1.001	1.000

$x = 0.55$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1.371	0.867	0.751	0.700	0.671	0.653	0.640	0.631	0.624	0.618	0.614	0.610	0.607	0.604
2	1.969	1.222	1.054	0.981	0.941	0.915	0.897	0.884	0.874	0.866	0.859	0.854	0.850	0.846
3	2.218	1.361	1.171	1.088	1.042	1.013	0.992	0.978	0.966	0.957	0.950	0.944	0.939	0.935
4	2.353	1.435	1.231	1.143	1.094	1.063	1.041	1.025	1.013	1.003	0.996	0.989	0.984	0.979
5	2.437	1.481	1.268	1.177	1.125	1.093	1.070	1.054	1.041	1.031	1.023	1.016	1.011	1.006
6	2.495	1.512	1.294	1.199	1.146	1.113	1.090	1.073	1.060	1.049	1.041	1.034	1.028	1.023
7	2.536	1.534	1.312	1.215	1.161	1.127	1.103	1.086	1.073	1.062	1.054	1.046	1.041	1.035
8	2.568	1.551	1.325	1.227	1.173	1.138	1.114	1.096	1.082	1.072	1.063	1.056	1.050	1.044
9	2.593	1.564	1.336	1.237	1.182	1.146	1.122	1.104	1.090	1.079	1.070	1.063	1.057	1.051
10	2.613	1.575	1.344	1.244	1.189	1.153	1.128	1.110	1.096	1.085	1.076	1.069	1.062	1.057
11	2.630	1.583	1.351	1.251	1.194	1.158	1.133	1.115	1.101	1.090	1.081	1.073	1.067	1.061
12	2.643	1.591	1.357	1.256	1.199	1.163	1.138	1.119	1.105	1.094	1.084	1.077	1.071	1.065
13	2.655	1.597	1.362	1.260	1.203	1.167	1.141	1.123	1.108	1.097	1.088	1.080	1.074	1.068
14	2.665	1.602	1.366	1.264	1.207	1.170	1.144	1.126	1.111	1.100	1.090	1.083	1.076	1.071
15	2.674	1.607	1.370	1.267	1.210	1.173	1.147	1.128	1.114	1.102	1.093	1.085	1.079	1.073
16	2.682	1.611	1.373	1.270	1.212	1.175	1.149	1.130	1.116	1.104	1.095	1.087	1.081	1.075
17	2.688	1.615	1.376	1.272	1.214	1.177	1.151	1.132	1.118	1.106	1.097	1.089	1.082	1.077
18	2.694	1.618	1.379	1.275	1.217	1.179	1.153	1.134	1.119	1.108	1.098	1.090	1.084	1.078
19	2.700	1.621	1.381	1.277	1.218	1.181	1.155	1.136	1.121	1.109	1.100	1.092	1.085	1.080
20	2.705	1.623	1.383	1.278	1.220	1.183	1.156	1.137	1.122	1.111	1.101	1.093	1.086	1.081
21	2.709	1.626	1.385	1.280	1.221	1.184	1.158	1.138	1.124	1.112	1.102	1.094	1.088	1.082
22	2.713	1.628	1.387	1.282	1.223	1.185	1.159	1.140	1.125	1.113	1.103	1.095	1.089	1.083
23	2.717	1.630	1.388	1.283	1.224	1.186	1.160	1.141	1.126	1.114	1.104	1.096	1.089	1.084
24	2.720	1.631	1.389	1.284	1.225	1.187	1.161	1.142	1.127	1.115	1.105	1.097	1.090	1.085
25	2.723	1.633	1.391	1.285	1.226	1.188	1.162	1.143	1.128	1.116	1.106	1.098	1.091	1.085
26	2.726	1.635	1.392	1.286	1.227	1.189	1.163	1.143	1.128	1.116	1.107	1.099	1.092	1.086
27	2.729	1.636	1.393	1.287	1.228	1.190	1.164	1.144	1.129	1.117	1.107	1.099	1.092	1.087
28	2.731	1.637	1.394	1.288	1.229	1.191	1.164	1.145	1.130	1.118	1.108	1.100	1.093	1.087
29	2.734	1.638	1.395	1.289	1.230	1.192	1.165	1.145	1.130	1.118	1.109	1.100	1.094	1.088
30	2.736	1.640	1.396	1.290	1.230	1.192	1.166	1.146	1.131	1.119	1.109	1.101	1.094	1.088
31	2.738	1.641	1.397	1.291	1.231	1.193	1.166	1.147	1.131	1.119	1.110	1.101	1.095	1.089
32	2.740	1.642	1.398	1.291	1.232	1.194	1.167	1.147	1.132	1.120	1.110	1.102	1.095	1.089
33	2.741	1.643	1.398	1.292	1.232	1.194	1.167	1.148	1.132	1.120	1.111	1.102	1.095	1.090
34	2.743	1.643	1.399	1.293	1.233	1.195	1.168	1.148	1.133	1.121	1.111	1.103	1.096	1.090
35	2.745	1.644	1.400	1.293	1.233	1.195	1.168	1.149	1.133	1.121	1.111	1.103	1.096	1.090
40	2.751	1.648	1.403	1.296	1.236	1.197	1.170	1.150	1.135	1.123	1.113	1.105	1.098	1.092
50	2.761	1.653	1.406	1.299	1.239	1.200	1.173	1.153	1.138	1.125	1.115	1.107	1.100	1.094
60	2.767	1.656	1.409	1.301	1.241	1.202	1.175	1.155	1.139	1.127	1.117	1.109	1.101	1.095
70	2.772	1.658	1.411	1.303	1.242	1.203	1.176	1.156	1.140	1.128	1.118	1.110	1.102	1.096
80	2.775	1.660	1.412	1.304	1.243	1.204	1.177	1.157	1.141	1.129	1.119	1.110	1.103	1.097
90	2.778	1.662	1.413	1.305	1.244	1.205	1.178	1.158	1.142	1.130	1.119	1.111	1.104	1.098
100	2.780	1.663	1.414	1.306	1.245	1.206	1.179	1.158	1.143	1.130	1.120	1.111	1.104	1.098

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	0.602	0.600	0.598	0.596	0.595	0.594	0.593	0.592	0.591	0.590	0.589	0.588	0.588	0.587
2	0.843	0.840	0.837	0.835	0.833	0.831	0.830	0.828	0.827	0.826	0.825	0.824	0.823	0.822
3	0.931	0.928	0.925	0.922	0.920	0.918	0.916	0.915	0.913	0.912	0.911	0.909	0.908	0.907
4	0.975	0.972	0.969	0.966	0.964	0.962	0.960	0.958	0.956	0.955	0.953	0.952	0.951	0.950
5	1.002	0.998	0.995	0.992	0.990	0.987	0.985	0.983	0.982	0.980	0.979	0.977	0.976	0.975

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	1.019	1.015	1.012	1.009	1.006	1.004	1.002	1.000	0.998	0.997	0.995	0.994	0.993	0.992
7	1.031	1.027	1.024	1.021	1.018	1.016	1.014	1.012	1.010	1.008	1.007	1.005	1.004	1.003
8	1.040	1.036	1.033	1.030	1.027	1.025	1.022	1.020	1.019	1.017	1.015	1.014	1.013	1.011
9	1.047	1.043	1.039	1.036	1.034	1.031	1.029	1.027	1.025	1.023	1.022	1.020	1.019	1.018
10	1.052	1.048	1.045	1.042	1.039	1.036	1.034	1.032	1.030	1.028	1.027	1.025	1.024	1.023
11	1.057	1.053	1.049	1.046	1.043	1.041	1.038	1.036	1.034	1.033	1.031	1.029	1.028	1.027
12	1.060	1.056	1.053	1.049	1.047	1.044	1.042	1.040	1.038	1.036	1.034	1.033	1.031	1.030
13	1.063	1.059	1.056	1.052	1.050	1.047	1.045	1.042	1.040	1.039	1.037	1.036	1.034	1.033
14	1.066	1.062	1.058	1.055	1.052	1.049	1.047	1.045	1.043	1.041	1.039	1.038	1.036	1.035
15	1.068	1.064	1.060	1.057	1.054	1.051	1.049	1.047	1.045	1.043	1.041	1.040	1.038	1.037
16	1.070	1.066	1.062	1.059	1.056	1.053	1.051	1.049	1.047	1.045	1.043	1.042	1.040	1.039
17	1.072	1.068	1.064	1.060	1.058	1.055	1.052	1.050	1.048	1.046	1.045	1.043	1.042	1.040
18	1.073	1.069	1.065	1.062	1.059	1.056	1.054	1.052	1.050	1.048	1.046	1.044	1.043	1.042
19	1.075	1.070	1.067	1.063	1.060	1.057	1.055	1.053	1.051	1.049	1.047	1.046	1.044	1.043
20	1.076	1.071	1.068	1.064	1.061	1.059	1.056	1.054	1.052	1.050	1.048	1.047	1.045	1.044
21	1.077	1.073	1.069	1.065	1.062	1.060	1.057	1.055	1.053	1.051	1.049	1.048	1.046	1.045
22	1.078	1.073	1.070	1.066	1.063	1.060	1.058	1.056	1.054	1.052	1.050	1.048	1.047	1.046
23	1.079	1.074	1.070	1.067	1.064	1.061	1.059	1.056	1.054	1.053	1.051	1.049	1.048	1.046
24	1.080	1.075	1.071	1.068	1.065	1.062	1.059	1.057	1.055	1.053	1.051	1.050	1.048	1.047
25	1.080	1.076	1.072	1.069	1.065	1.063	1.060	1.058	1.056	1.054	1.052	1.050	1.049	1.048
26	1.081	1.077	1.073	1.069	1.066	1.063	1.061	1.058	1.056	1.054	1.053	1.051	1.050	1.048
27	1.082	1.077	1.073	1.070	1.067	1.064	1.061	1.059	1.057	1.055	1.053	1.052	1.050	1.049
28	1.082	1.078	1.074	1.070	1.067	1.064	1.062	1.060	1.057	1.055	1.054	1.052	1.051	1.049
29	1.083	1.078	1.074	1.071	1.068	1.065	1.062	1.060	1.058	1.056	1.054	1.052	1.051	1.050
30	1.083	1.079	1.075	1.071	1.068	1.065	1.063	1.060	1.058	1.056	1.055	1.053	1.051	1.050
31	1.084	1.079	1.075	1.072	1.069	1.066	1.063	1.061	1.059	1.057	1.055	1.053	1.052	1.050
32	1.084	1.080	1.076	1.072	1.069	1.066	1.064	1.061	1.059	1.057	1.055	1.054	1.052	1.051
33	1.084	1.080	1.076	1.072	1.069	1.066	1.064	1.062	1.059	1.057	1.056	1.054	1.052	1.051
34	1.085	1.080	1.076	1.073	1.070	1.067	1.064	1.062	1.060	1.058	1.056	1.054	1.053	1.051
35	1.085	1.081	1.077	1.073	1.070	1.067	1.065	1.062	1.060	1.058	1.056	1.055	1.053	1.052
40	1.087	1.082	1.078	1.075	1.071	1.068	1.066	1.064	1.061	1.059	1.058	1.056	1.054	1.053
50	1.089	1.084	1.080	1.076	1.073	1.070	1.068	1.065	1.063	1.061	1.059	1.057	1.056	1.054
60	1.090	1.085	1.081	1.078	1.074	1.072	1.069	1.066	1.064	1.062	1.060	1.059	1.057	1.055
70	1.091	1.086	1.082	1.079	1.075	1.072	1.070	1.067	1.065	1.063	1.061	1.059	1.058	1.056
80	1.092	1.087	1.083	1.079	1.076	1.073	1.070	1.068	1.066	1.063	1.062	1.060	1.058	1.057
90	1.092	1.088	1.083	1.080	1.076	1.073	1.071	1.068	1.066	1.064	1.062	1.060	1.059	1.057
100	1.093	1.088	1.084	1.080	1.077	1.074	1.071	1.069	1.066	1.064	1.062	1.061	1.059	1.057

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	0.586	0.586	0.585	0.585	0.584	0.584	0.584	0.582	0.580	0.578	0.577	0.576	0.576	0.575
2	0.821	0.820	0.819	0.819	0.818	0.818	0.817	0.815	0.811	0.809	0.808	0.807	0.806	0.805
3	0.906	0.906	0.905	0.904	0.903	0.903	0.902	0.899	0.896	0.893	0.891	0.890	0.889	0.888
4	0.949	0.948	0.947	0.946	0.946	0.945	0.944	0.941	0.937	0.935	0.933	0.932	0.930	0.930
5	0.974	0.973	0.972	0.971	0.971	0.970	0.969	0.966	0.962	0.959	0.957	0.956	0.955	0.954
6	0.990	0.989	0.989	0.988	0.987	0.986	0.985	0.982	0.978	0.975	0.973	0.972	0.970	0.969
7	1.002	1.001	1.000	0.999	0.998	0.997	0.997	0.993	0.989	0.986	0.984	0.982	0.981	0.980
8	1.010	1.009	1.008	1.007	1.006	1.006	1.005	1.002	0.997	0.994	0.992	0.990	0.989	0.988
9	1.017	1.016	1.015	1.014	1.013	1.012	1.011	1.008	1.003	1.000	0.998	0.996	0.995	0.994
10	1.022	1.021	1.020	1.019	1.018	1.017	1.016	1.013	1.008	1.005	1.003	1.001	1.000	0.999
11	1.026	1.025	1.024	1.023	1.022	1.021	1.020	1.017	1.012	1.009	1.006	1.005	1.003	1.002
12	1.029	1.028	1.027	1.026	1.025	1.024	1.023	1.020	1.015	1.012	1.009	1.008	1.006	1.005

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	1.032	1.031	1.029	1.028	1.028	1.027	1.026	1.022	1.017	1.014	1.012	1.010	1.009	1.008
14	1.034	1.033	1.032	1.031	1.030	1.029	1.028	1.025	1.020	1.016	1.014	1.012	1.011	1.010
15	1.036	1.035	1.034	1.033	1.032	1.031	1.030	1.026	1.021	1.018	1.016	1.014	1.013	1.011
16	1.038	1.036	1.035	1.034	1.033	1.032	1.032	1.028	1.023	1.020	1.017	1.015	1.014	1.013
17	1.039	1.038	1.037	1.036	1.035	1.034	1.033	1.029	1.024	1.021	1.018	1.017	1.015	1.014
18	1.040	1.039	1.038	1.037	1.036	1.035	1.034	1.031	1.026	1.022	1.020	1.018	1.016	1.015
19	1.041	1.040	1.039	1.038	1.037	1.036	1.035	1.032	1.027	1.023	1.021	1.019	1.017	1.016
20	1.043	1.041	1.040	1.039	1.038	1.037	1.036	1.033	1.027	1.024	1.021	1.020	1.018	1.017
21	1.043	1.042	1.041	1.040	1.039	1.038	1.037	1.034	1.028	1.025	1.022	1.020	1.019	1.018
22	1.044	1.043	1.042	1.041	1.040	1.039	1.038	1.034	1.029	1.025	1.023	1.021	1.020	1.018
23	1.045	1.044	1.043	1.042	1.041	1.040	1.039	1.035	1.030	1.026	1.024	1.022	1.020	1.019
24	1.046	1.044	1.043	1.042	1.041	1.040	1.039	1.036	1.030	1.027	1.024	1.022	1.021	1.019
25	1.046	1.045	1.044	1.043	1.042	1.041	1.040	1.036	1.031	1.027	1.025	1.023	1.021	1.020
26	1.047	1.046	1.044	1.043	1.042	1.041	1.040	1.037	1.031	1.028	1.025	1.023	1.022	1.020
27	1.047	1.046	1.045	1.044	1.043	1.042	1.041	1.037	1.032	1.028	1.025	1.023	1.022	1.021
28	1.048	1.047	1.045	1.044	1.043	1.042	1.041	1.038	1.032	1.028	1.026	1.024	1.022	1.021
29	1.048	1.047	1.046	1.045	1.044	1.043	1.042	1.038	1.032	1.029	1.026	1.024	1.023	1.021
30	1.049	1.047	1.046	1.045	1.044	1.043	1.042	1.038	1.033	1.029	1.026	1.024	1.023	1.022
31	1.049	1.048	1.047	1.045	1.044	1.043	1.043	1.039	1.033	1.029	1.027	1.025	1.023	1.022
32	1.049	1.048	1.047	1.046	1.045	1.044	1.043	1.039	1.033	1.030	1.027	1.025	1.023	1.022
33	1.050	1.048	1.047	1.046	1.045	1.044	1.043	1.039	1.034	1.030	1.027	1.025	1.024	1.022
34	1.050	1.049	1.048	1.046	1.045	1.044	1.043	1.040	1.034	1.030	1.028	1.025	1.024	1.023
35	1.050	1.049	1.048	1.047	1.046	1.045	1.044	1.040	1.034	1.030	1.028	1.026	1.024	1.023
40	1.051	1.050	1.049	1.048	1.047	1.046	1.045	1.041	1.035	1.031	1.029	1.026	1.025	1.024
50	1.053	1.052	1.050	1.049	1.048	1.047	1.046	1.042	1.036	1.032	1.030	1.027	1.026	1.024
60	1.054	1.053	1.051	1.050	1.049	1.048	1.047	1.043	1.037	1.033	1.030	1.028	1.026	1.025
70	1.055	1.053	1.052	1.051	1.050	1.049	1.048	1.044	1.038	1.034	1.031	1.028	1.027	1.025
80	1.055	1.054	1.053	1.051	1.050	1.049	1.048	1.044	1.038	1.034	1.031	1.029	1.027	1.025
90	1.056	1.054	1.053	1.052	1.051	1.050	1.049	1.044	1.038	1.034	1.031	1.029	1.027	1.025
100	1.056	1.055	1.053	1.052	1.051	1.050	1.049	1.045	1.038	1.034	1.031	1.029	1.027	1.026

$x = 0.6$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1.894	1.125	0.957	0.885	0.846	0.820	0.803	0.790	0.780	0.773	0.767	0.761	0.757	0.754
2	2.625	1.500	1.263	1.162	1.107	1.072	1.047	1.030	1.016	1.006	0.997	0.990	0.984	0.979
3	2.928	1.643	1.375	1.261	1.198	1.158	1.131	1.111	1.095	1.083	1.074	1.066	1.059	1.053
4	3.093	1.718	1.432	1.310	1.243	1.200	1.171	1.150	1.133	1.120	1.110	1.101	1.094	1.088
5	3.195	1.764	1.466	1.339	1.269	1.225	1.194	1.172	1.155	1.141	1.130	1.121	1.114	1.107
6	3.266	1.796	1.489	1.359	1.287	1.241	1.209	1.186	1.168	1.154	1.143	1.134	1.126	1.119
7	3.317	1.818	1.506	1.372	1.299	1.252	1.220	1.196	1.178	1.163	1.152	1.142	1.134	1.127
8	3.355	1.835	1.518	1.383	1.308	1.260	1.227	1.203	1.185	1.170	1.158	1.148	1.140	1.133
9	3.386	1.849	1.528	1.391	1.315	1.267	1.233	1.209	1.190	1.175	1.163	1.153	1.144	1.137
10	3.410	1.859	1.535	1.397	1.320	1.272	1.238	1.213	1.194	1.179	1.166	1.156	1.148	1.140
11	3.430	1.868	1.542	1.402	1.325	1.276	1.241	1.216	1.197	1.182	1.169	1.159	1.150	1.143
12	3.447	1.875	1.547	1.407	1.329	1.279	1.244	1.219	1.200	1.184	1.172	1.161	1.152	1.145
13	3.461	1.882	1.551	1.410	1.332	1.282	1.247	1.221	1.202	1.186	1.173	1.163	1.154	1.147
14	3.474	1.887	1.555	1.413	1.334	1.284	1.249	1.223	1.203	1.188	1.175	1.164	1.156	1.148
15	3.484	1.892	1.559	1.416	1.337	1.286	1.251	1.225	1.205	1.189	1.176	1.166	1.157	1.149
16	3.494	1.896	1.561	1.418	1.339	1.288	1.252	1.226	1.206	1.190	1.177	1.167	1.158	1.150
17	3.502	1.899	1.564	1.420	1.340	1.289	1.254	1.228	1.207	1.191	1.178	1.168	1.159	1.151
18	3.509	1.903	1.566	1.422	1.342	1.291	1.255	1.229	1.209	1.192	1.179	1.168	1.159	1.151
19	3.516	1.905	1.568	1.424	1.343	1.292	1.256	1.230	1.209	1.193	1.180	1.169	1.160	1.152
20	3.522	1.908	1.570	1.425	1.345	1.293	1.257	1.231	1.210	1.194	1.181	1.170	1.161	1.153
21	3.527	1.910	1.572	1.427	1.346	1.294	1.258	1.231	1.211	1.195	1.181	1.170	1.161	1.153
22	3.532	1.913	1.573	1.428	1.347	1.295	1.259	1.232	1.212	1.195	1.182	1.171	1.161	1.153
23	3.537	1.914	1.575	1.429	1.348	1.296	1.260	1.233	1.212	1.196	1.182	1.171	1.162	1.154
24	3.541	1.916	1.576	1.430	1.349	1.297	1.260	1.233	1.213	1.196	1.183	1.172	1.162	1.154
25	3.545	1.918	1.577	1.431	1.349	1.297	1.261	1.234	1.213	1.197	1.183	1.172	1.163	1.154
26	3.548	1.919	1.578	1.432	1.350	1.298	1.261	1.234	1.214	1.197	1.184	1.172	1.163	1.155
27	3.551	1.921	1.579	1.433	1.351	1.298	1.262	1.235	1.214	1.197	1.184	1.173	1.163	1.155
28	3.554	1.922	1.580	1.433	1.351	1.299	1.262	1.235	1.214	1.198	1.184	1.173	1.163	1.155
29	3.557	1.923	1.581	1.434	1.352	1.299	1.263	1.236	1.215	1.198	1.184	1.173	1.164	1.155
30	3.560	1.924	1.582	1.435	1.353	1.300	1.263	1.236	1.215	1.198	1.185	1.173	1.164	1.156
31	3.562	1.926	1.582	1.435	1.353	1.300	1.264	1.236	1.215	1.199	1.185	1.174	1.164	1.156
32	3.564	1.927	1.583	1.436	1.354	1.301	1.264	1.237	1.216	1.199	1.185	1.174	1.164	1.156
33	3.567	1.927	1.584	1.436	1.354	1.301	1.264	1.237	1.216	1.199	1.185	1.174	1.164	1.156
34	3.569	1.928	1.584	1.437	1.354	1.301	1.265	1.237	1.216	1.199	1.186	1.174	1.164	1.156
35	3.571	1.929	1.585	1.437	1.355	1.302	1.265	1.237	1.216	1.199	1.186	1.174	1.165	1.156
40	3.579	1.933	1.588	1.439	1.356	1.303	1.266	1.239	1.217	1.200	1.186	1.175	1.165	1.157
50	3.590	1.938	1.591	1.442	1.359	1.305	1.268	1.240	1.219	1.201	1.187	1.176	1.166	1.157
60	3.598	1.941	1.593	1.444	1.360	1.307	1.269	1.241	1.219	1.202	1.188	1.176	1.166	1.158
70	3.603	1.943	1.595	1.445	1.361	1.307	1.270	1.242	1.220	1.203	1.189	1.177	1.167	1.158
80	3.608	1.945	1.596	1.446	1.362	1.308	1.270	1.242	1.220	1.203	1.189	1.177	1.167	1.158
90	3.611	1.947	1.597	1.447	1.363	1.309	1.271	1.243	1.221	1.203	1.189	1.177	1.167	1.158
100	3.613	1.948	1.598	1.448	1.363	1.309	1.271	1.243	1.221	1.204	1.189	1.177	1.167	1.158

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	0.750	0.748	0.745	0.743	0.741	0.740	0.738	0.737	0.735	0.734	0.733	0.732	0.731	0.730
2	0.975	0.971	0.968	0.965	0.962	0.960	0.957	0.956	0.954	0.952	0.951	0.949	0.948	0.947
3	1.048	1.044	1.040	1.037	1.034	1.031	1.029	1.027	1.025	1.023	1.021	1.020	1.018	1.017
4	1.083	1.078	1.074	1.070	1.067	1.064	1.062	1.059	1.057	1.055	1.053	1.052	1.050	1.049
5	1.102	1.097	1.093	1.089	1.085	1.082	1.080	1.077	1.075	1.073	1.071	1.069	1.068	1.066

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	1.113	1.108	1.104	1.100	1.097	1.093	1.091	1.088	1.086	1.084	1.082	1.080	1.078	1.077
7	1.121	1.116	1.112	1.108	1.104	1.101	1.098	1.095	1.093	1.091	1.089	1.087	1.085	1.083
8	1.127	1.122	1.117	1.113	1.109	1.106	1.103	1.100	1.098	1.095	1.093	1.091	1.090	1.088
9	1.131	1.126	1.121	1.117	1.113	1.109	1.106	1.104	1.101	1.099	1.097	1.095	1.093	1.091
10	1.134	1.129	1.124	1.120	1.116	1.112	1.109	1.106	1.104	1.101	1.099	1.097	1.095	1.094
11	1.137	1.131	1.126	1.122	1.118	1.114	1.111	1.108	1.106	1.103	1.101	1.099	1.097	1.095
12	1.138	1.133	1.128	1.123	1.119	1.116	1.113	1.110	1.107	1.105	1.102	1.100	1.098	1.097
13	1.140	1.134	1.129	1.125	1.121	1.117	1.114	1.111	1.108	1.106	1.104	1.101	1.100	1.098
14	1.141	1.136	1.130	1.126	1.122	1.118	1.115	1.112	1.109	1.107	1.104	1.102	1.100	1.099
15	1.142	1.137	1.131	1.127	1.123	1.119	1.116	1.113	1.110	1.107	1.105	1.103	1.101	1.099
16	1.143	1.137	1.132	1.128	1.123	1.120	1.116	1.113	1.111	1.108	1.106	1.104	1.102	1.100
17	1.144	1.138	1.133	1.128	1.124	1.120	1.117	1.114	1.111	1.109	1.106	1.104	1.102	1.100
18	1.145	1.139	1.133	1.129	1.125	1.121	1.117	1.114	1.112	1.109	1.107	1.104	1.102	1.100
19	1.145	1.139	1.134	1.129	1.125	1.121	1.118	1.115	1.112	1.109	1.107	1.105	1.103	1.101
20	1.146	1.140	1.134	1.130	1.125	1.122	1.118	1.115	1.112	1.110	1.107	1.105	1.103	1.101
21	1.146	1.140	1.135	1.130	1.126	1.122	1.118	1.115	1.112	1.110	1.107	1.105	1.103	1.101
22	1.146	1.140	1.135	1.130	1.126	1.122	1.119	1.115	1.113	1.110	1.107	1.105	1.103	1.101
23	1.147	1.141	1.135	1.131	1.126	1.122	1.119	1.116	1.113	1.110	1.108	1.105	1.103	1.101
24	1.147	1.141	1.136	1.131	1.126	1.123	1.119	1.116	1.113	1.110	1.108	1.105	1.103	1.101
25	1.147	1.141	1.136	1.131	1.127	1.123	1.119	1.116	1.113	1.110	1.108	1.105	1.103	1.101
26	1.148	1.141	1.136	1.131	1.127	1.123	1.119	1.116	1.113	1.110	1.108	1.106	1.103	1.101
27	1.148	1.142	1.136	1.131	1.127	1.123	1.119	1.116	1.113	1.110	1.108	1.106	1.103	1.101
28	1.148	1.142	1.136	1.131	1.127	1.123	1.120	1.116	1.113	1.111	1.108	1.106	1.103	1.101
29	1.148	1.142	1.136	1.132	1.127	1.123	1.120	1.116	1.113	1.111	1.108	1.106	1.103	1.101
30	1.148	1.142	1.137	1.132	1.127	1.123	1.120	1.116	1.113	1.111	1.108	1.106	1.104	1.101
31	1.149	1.142	1.137	1.132	1.127	1.123	1.120	1.116	1.113	1.111	1.108	1.106	1.104	1.101
32	1.149	1.142	1.137	1.132	1.127	1.123	1.120	1.116	1.113	1.111	1.108	1.106	1.104	1.101
33	1.149	1.143	1.137	1.132	1.128	1.123	1.120	1.117	1.113	1.111	1.108	1.106	1.103	1.101
34	1.149	1.143	1.137	1.132	1.128	1.124	1.120	1.117	1.113	1.111	1.108	1.106	1.103	1.101
35	1.149	1.143	1.137	1.132	1.128	1.124	1.120	1.117	1.114	1.111	1.108	1.106	1.103	1.101
40	1.149	1.143	1.137	1.132	1.128	1.124	1.120	1.117	1.114	1.111	1.108	1.106	1.103	1.101
50	1.150	1.144	1.138	1.133	1.128	1.124	1.120	1.117	1.113	1.111	1.108	1.105	1.103	1.101
60	1.150	1.144	1.138	1.133	1.128	1.124	1.120	1.117	1.113	1.110	1.108	1.105	1.103	1.101
70	1.151	1.144	1.138	1.133	1.128	1.124	1.120	1.116	1.113	1.110	1.108	1.105	1.103	1.100
80	1.151	1.144	1.138	1.133	1.128	1.124	1.120	1.116	1.113	1.110	1.107	1.105	1.102	1.100
90	1.151	1.144	1.138	1.133	1.128	1.124	1.120	1.116	1.113	1.110	1.107	1.105	1.102	1.100
100	1.151	1.144	1.138	1.133	1.128	1.124	1.120	1.116	1.113	1.110	1.107	1.104	1.102	1.100

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	0.730	0.729	0.728	0.728	0.727	0.726	0.726	0.724	0.721	0.719	0.717	0.716	0.715	0.714
2	0.946	0.945	0.944	0.943	0.942	0.941	0.941	0.938	0.933	0.930	0.928	0.927	0.926	0.925
3	1.016	1.015	1.013	1.012	1.012	1.011	1.010	1.006	1.001	0.998	0.996	0.994	0.993	0.992
4	1.047	1.046	1.045	1.044	1.043	1.042	1.041	1.037	1.032	1.029	1.026	1.024	1.023	1.022
5	1.065	1.063	1.062	1.061	1.060	1.059	1.058	1.054	1.048	1.045	1.042	1.040	1.039	1.037
6	1.075	1.074	1.072	1.071	1.070	1.069	1.068	1.064	1.058	1.054	1.052	1.049	1.048	1.047
7	1.082	1.080	1.079	1.078	1.077	1.076	1.075	1.070	1.064	1.060	1.057	1.055	1.054	1.052
8	1.086	1.085	1.084	1.082	1.081	1.080	1.079	1.075	1.068	1.064	1.061	1.059	1.057	1.056
9	1.090	1.088	1.087	1.086	1.084	1.083	1.082	1.078	1.071	1.067	1.064	1.062	1.060	1.059
10	1.092	1.091	1.089	1.088	1.087	1.085	1.084	1.080	1.073	1.069	1.066	1.064	1.062	1.060
11	1.094	1.092	1.091	1.089	1.088	1.087	1.086	1.081	1.075	1.070	1.067	1.065	1.063	1.061
12	1.095	1.094	1.092	1.091	1.089	1.088	1.087	1.082	1.076	1.071	1.068	1.066	1.064	1.062

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	1.096	1.095	1.093	1.092	1.090	1.089	1.088	1.083	1.076	1.072	1.069	1.066	1.064	1.063
14	1.097	1.095	1.094	1.092	1.091	1.090	1.089	1.084	1.077	1.072	1.069	1.066	1.065	1.063
15	1.097	1.096	1.094	1.093	1.092	1.090	1.089	1.084	1.077	1.073	1.069	1.067	1.065	1.063
16	1.098	1.096	1.095	1.093	1.092	1.091	1.090	1.085	1.077	1.073	1.069	1.067	1.065	1.063
17	1.098	1.097	1.095	1.094	1.092	1.091	1.090	1.085	1.078	1.073	1.069	1.067	1.065	1.063
18	1.099	1.097	1.095	1.094	1.093	1.091	1.090	1.085	1.078	1.073	1.069	1.067	1.065	1.063
19	1.099	1.097	1.096	1.094	1.093	1.092	1.090	1.085	1.078	1.073	1.069	1.067	1.065	1.063
20	1.099	1.097	1.096	1.094	1.093	1.092	1.090	1.085	1.078	1.073	1.069	1.067	1.064	1.063
21	1.099	1.098	1.096	1.094	1.093	1.092	1.090	1.085	1.078	1.073	1.069	1.066	1.064	1.063
22	1.099	1.098	1.096	1.095	1.093	1.092	1.091	1.085	1.078	1.073	1.069	1.066	1.064	1.062
23	1.099	1.098	1.096	1.095	1.093	1.092	1.091	1.085	1.078	1.073	1.069	1.066	1.064	1.062
24	1.099	1.098	1.096	1.095	1.093	1.092	1.091	1.085	1.078	1.072	1.069	1.066	1.064	1.062
25	1.100	1.098	1.096	1.095	1.093	1.092	1.091	1.085	1.077	1.072	1.069	1.066	1.064	1.062
26	1.100	1.098	1.096	1.095	1.093	1.092	1.091	1.085	1.077	1.072	1.068	1.066	1.063	1.062
27	1.100	1.098	1.096	1.095	1.093	1.092	1.091	1.085	1.077	1.072	1.068	1.065	1.063	1.061
28	1.100	1.098	1.096	1.095	1.093	1.092	1.090	1.085	1.077	1.072	1.068	1.065	1.063	1.061
29	1.100	1.098	1.096	1.095	1.093	1.092	1.090	1.085	1.077	1.072	1.068	1.065	1.063	1.061
30	1.100	1.098	1.096	1.095	1.093	1.092	1.090	1.085	1.077	1.072	1.068	1.065	1.063	1.061
31	1.100	1.098	1.096	1.095	1.093	1.092	1.090	1.085	1.077	1.071	1.068	1.065	1.062	1.060
32	1.100	1.098	1.096	1.094	1.093	1.092	1.090	1.085	1.077	1.071	1.067	1.064	1.062	1.060
33	1.100	1.098	1.096	1.094	1.093	1.092	1.090	1.085	1.077	1.071	1.067	1.064	1.062	1.060
34	1.099	1.098	1.096	1.094	1.093	1.091	1.090	1.084	1.076	1.071	1.067	1.064	1.062	1.060
35	1.099	1.098	1.096	1.094	1.093	1.091	1.090	1.084	1.076	1.071	1.067	1.064	1.062	1.060
40	1.099	1.097	1.096	1.094	1.093	1.091	1.090	1.084	1.076	1.070	1.066	1.063	1.061	1.059
50	1.099	1.097	1.095	1.094	1.092	1.091	1.089	1.083	1.075	1.069	1.065	1.061	1.059	1.057
60	1.099	1.097	1.095	1.093	1.092	1.090	1.089	1.083	1.074	1.068	1.064	1.060	1.058	1.056
70	1.098	1.096	1.095	1.093	1.091	1.090	1.088	1.082	1.073	1.067	1.063	1.059	1.057	1.054
80	1.098	1.096	1.094	1.093	1.091	1.089	1.088	1.082	1.073	1.066	1.062	1.058	1.056	1.054
90	1.098	1.096	1.094	1.092	1.091	1.089	1.088	1.081	1.072	1.066	1.061	1.058	1.055	1.053
100	1.098	1.096	1.094	1.092	1.090	1.089	1.087	1.081	1.072	1.065	1.061	1.057	1.054	1.052

$x = 0.65$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2.663	1.463	1.220	1.118	1.062	1.027	1.003	0.985	0.972	0.961	0.953	0.946	0.940	0.935
2	3.582	1.857	1.520	1.381	1.305	1.257	1.224	1.200	1.182	1.168	1.157	1.147	1.139	1.133
3	3.963	2.004	1.624	1.467	1.382	1.328	1.291	1.264	1.244	1.228	1.215	1.205	1.196	1.188
4	4.170	2.080	1.676	1.509	1.418	1.360	1.321	1.292	1.270	1.253	1.239	1.228	1.218	1.210
5	4.300	2.127	1.707	1.533	1.438	1.378	1.337	1.307	1.284	1.266	1.252	1.240	1.230	1.221
6	4.388	2.159	1.727	1.548	1.451	1.389	1.347	1.316	1.292	1.274	1.258	1.246	1.236	1.227
7	4.453	2.181	1.742	1.559	1.459	1.396	1.353	1.321	1.297	1.278	1.263	1.250	1.239	1.230
8	4.502	2.199	1.753	1.567	1.466	1.402	1.358	1.325	1.300	1.281	1.265	1.252	1.241	1.232
9	4.540	2.212	1.761	1.574	1.471	1.406	1.361	1.328	1.303	1.283	1.267	1.253	1.242	1.233
10	4.571	2.223	1.768	1.578	1.474	1.409	1.363	1.330	1.304	1.284	1.268	1.254	1.243	1.233
11	4.596	2.232	1.773	1.582	1.477	1.411	1.365	1.331	1.306	1.285	1.269	1.255	1.243	1.234
12	4.617	2.239	1.778	1.586	1.480	1.413	1.367	1.333	1.307	1.286	1.269	1.255	1.244	1.234
13	4.636	2.245	1.782	1.588	1.482	1.415	1.368	1.334	1.307	1.286	1.270	1.256	1.244	1.234
14	4.651	2.251	1.785	1.591	1.484	1.416	1.369	1.334	1.308	1.287	1.270	1.256	1.244	1.234
15	4.665	2.255	1.788	1.593	1.485	1.417	1.370	1.335	1.308	1.287	1.270	1.256	1.244	1.233
16	4.676	2.259	1.791	1.594	1.486	1.418	1.370	1.335	1.309	1.287	1.270	1.256	1.243	1.233
17	4.687	2.263	1.793	1.596	1.488	1.419	1.371	1.336	1.309	1.287	1.270	1.256	1.243	1.233
18	4.696	2.266	1.795	1.597	1.489	1.419	1.371	1.336	1.309	1.287	1.270	1.255	1.243	1.233
19	4.704	2.269	1.796	1.599	1.489	1.420	1.372	1.336	1.309	1.288	1.270	1.255	1.243	1.232
20	4.712	2.272	1.798	1.600	1.490	1.421	1.372	1.337	1.309	1.288	1.270	1.255	1.243	1.232
21	4.719	2.274	1.799	1.601	1.491	1.421	1.373	1.337	1.309	1.288	1.270	1.255	1.243	1.232
22	4.725	2.276	1.801	1.601	1.492	1.422	1.373	1.337	1.310	1.288	1.270	1.255	1.242	1.232
23	4.731	2.278	1.802	1.602	1.492	1.422	1.373	1.337	1.310	1.288	1.270	1.255	1.242	1.232
24	4.736	2.280	1.803	1.603	1.493	1.422	1.373	1.337	1.310	1.288	1.270	1.255	1.242	1.231
25	4.741	2.282	1.804	1.604	1.493	1.423	1.374	1.338	1.310	1.288	1.270	1.255	1.242	1.231
26	4.745	2.283	1.805	1.604	1.494	1.423	1.374	1.338	1.310	1.288	1.270	1.254	1.242	1.231
27	4.749	2.285	1.806	1.605	1.494	1.423	1.374	1.338	1.310	1.288	1.269	1.254	1.242	1.231
28	4.753	2.286	1.806	1.605	1.494	1.424	1.374	1.338	1.310	1.288	1.269	1.254	1.241	1.230
29	4.757	2.287	1.807	1.606	1.495	1.424	1.374	1.338	1.310	1.288	1.269	1.254	1.241	1.230
30	4.760	2.288	1.808	1.606	1.495	1.424	1.375	1.338	1.310	1.287	1.269	1.254	1.241	1.230
31	4.763	2.289	1.809	1.607	1.495	1.424	1.375	1.338	1.310	1.287	1.269	1.254	1.241	1.230
32	4.766	2.290	1.809	1.607	1.496	1.424	1.375	1.338	1.310	1.287	1.269	1.254	1.241	1.230
33	4.769	2.291	1.810	1.608	1.496	1.425	1.375	1.338	1.310	1.287	1.269	1.254	1.241	1.230
34	4.771	2.292	1.810	1.608	1.496	1.425	1.375	1.338	1.310	1.287	1.269	1.254	1.241	1.229
35	4.774	2.293	1.811	1.608	1.496	1.425	1.375	1.338	1.310	1.287	1.269	1.254	1.241	1.229
40	4.784	2.296	1.813	1.610	1.497	1.425	1.375	1.338	1.310	1.287	1.269	1.253	1.240	1.229
50	4.798	2.301	1.816	1.612	1.499	1.426	1.376	1.339	1.310	1.287	1.268	1.252	1.239	1.228
60	4.808	2.305	1.818	1.613	1.499	1.427	1.376	1.339	1.310	1.287	1.268	1.252	1.238	1.227
70	4.815	2.307	1.819	1.614	1.500	1.427	1.376	1.339	1.310	1.286	1.267	1.251	1.238	1.226
80	4.820	2.309	1.820	1.615	1.501	1.428	1.377	1.339	1.310	1.286	1.267	1.251	1.238	1.226
90	4.824	2.310	1.821	1.615	1.501	1.428	1.377	1.339	1.310	1.286	1.267	1.251	1.237	1.226
100	4.828	2.311	1.822	1.616	1.501	1.428	1.377	1.339	1.309	1.286	1.267	1.251	1.237	1.225

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	0.931	0.927	0.924	0.921	0.918	0.916	0.914	0.912	0.910	0.909	0.907	0.906	0.905	0.903
2	1.127	1.122	1.117	1.114	1.110	1.107	1.104	1.102	1.099	1.097	1.095	1.093	1.092	1.090
3	1.181	1.176	1.171	1.166	1.162	1.159	1.156	1.153	1.150	1.148	1.146	1.144	1.142	1.140
4	1.203	1.197	1.192	1.187	1.183	1.179	1.176	1.173	1.170	1.167	1.165	1.163	1.161	1.159
5	1.214	1.207	1.202	1.197	1.192	1.188	1.185	1.181	1.178	1.176	1.173	1.171	1.169	1.167

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	1.219	1.212	1.207	1.201	1.197	1.193	1.189	1.186	1.182	1.180	1.177	1.175	1.172	1.170
7	1.222	1.215	1.209	1.204	1.199	1.195	1.191	1.187	1.184	1.181	1.179	1.176	1.174	1.172
8	1.224	1.217	1.210	1.205	1.200	1.196	1.192	1.188	1.185	1.182	1.179	1.177	1.174	1.172
9	1.225	1.217	1.211	1.205	1.200	1.196	1.192	1.188	1.185	1.182	1.179	1.176	1.174	1.172
10	1.225	1.218	1.211	1.206	1.200	1.196	1.192	1.188	1.185	1.181	1.179	1.176	1.173	1.171
11	1.225	1.218	1.211	1.205	1.200	1.196	1.191	1.187	1.184	1.181	1.178	1.175	1.173	1.170
12	1.225	1.218	1.211	1.205	1.200	1.195	1.191	1.187	1.183	1.180	1.177	1.174	1.172	1.169
13	1.225	1.217	1.211	1.205	1.199	1.195	1.190	1.186	1.183	1.179	1.176	1.174	1.171	1.169
14	1.225	1.217	1.210	1.204	1.199	1.194	1.190	1.186	1.182	1.179	1.176	1.173	1.170	1.168
15	1.224	1.217	1.210	1.204	1.198	1.193	1.189	1.185	1.181	1.178	1.175	1.172	1.169	1.167
16	1.224	1.216	1.209	1.203	1.198	1.193	1.188	1.184	1.181	1.177	1.174	1.171	1.169	1.166
17	1.224	1.216	1.209	1.203	1.197	1.192	1.188	1.184	1.180	1.177	1.173	1.170	1.168	1.165
18	1.224	1.216	1.209	1.202	1.197	1.192	1.187	1.183	1.179	1.176	1.173	1.170	1.167	1.164
19	1.223	1.215	1.208	1.202	1.196	1.191	1.187	1.183	1.179	1.175	1.172	1.169	1.166	1.164
20	1.223	1.215	1.208	1.202	1.196	1.191	1.186	1.182	1.178	1.175	1.171	1.168	1.166	1.163
21	1.223	1.215	1.207	1.201	1.195	1.190	1.186	1.181	1.178	1.174	1.171	1.168	1.165	1.162
22	1.222	1.214	1.207	1.201	1.195	1.190	1.185	1.181	1.177	1.173	1.170	1.167	1.164	1.162
23	1.222	1.214	1.207	1.200	1.195	1.189	1.185	1.180	1.176	1.173	1.170	1.167	1.164	1.161
24	1.222	1.214	1.206	1.200	1.194	1.189	1.184	1.180	1.176	1.172	1.169	1.166	1.163	1.160
25	1.222	1.213	1.206	1.200	1.194	1.189	1.184	1.179	1.176	1.172	1.169	1.165	1.163	1.160
26	1.221	1.213	1.206	1.199	1.193	1.188	1.183	1.179	1.175	1.171	1.168	1.165	1.162	1.159
27	1.221	1.213	1.206	1.199	1.193	1.188	1.183	1.179	1.175	1.171	1.168	1.164	1.162	1.159
28	1.221	1.213	1.205	1.199	1.193	1.187	1.183	1.178	1.174	1.171	1.167	1.164	1.161	1.158
29	1.221	1.212	1.205	1.198	1.192	1.187	1.182	1.178	1.174	1.170	1.167	1.164	1.161	1.158
30	1.221	1.212	1.205	1.198	1.192	1.187	1.182	1.178	1.173	1.170	1.166	1.163	1.160	1.157
31	1.220	1.212	1.204	1.198	1.192	1.187	1.182	1.177	1.173	1.169	1.166	1.163	1.160	1.157
32	1.220	1.212	1.204	1.198	1.192	1.186	1.181	1.177	1.173	1.169	1.166	1.162	1.159	1.157
33	1.220	1.211	1.204	1.197	1.191	1.186	1.181	1.177	1.172	1.169	1.165	1.162	1.159	1.156
34	1.220	1.211	1.204	1.197	1.191	1.186	1.181	1.176	1.172	1.168	1.165	1.162	1.159	1.156
35	1.220	1.211	1.204	1.197	1.191	1.185	1.180	1.176	1.172	1.168	1.165	1.161	1.158	1.156
40	1.219	1.210	1.203	1.196	1.190	1.184	1.179	1.175	1.170	1.167	1.163	1.160	1.157	1.154
50	1.218	1.209	1.201	1.194	1.188	1.182	1.177	1.173	1.168	1.165	1.161	1.158	1.154	1.151
60	1.217	1.208	1.200	1.193	1.187	1.181	1.176	1.171	1.167	1.163	1.159	1.156	1.153	1.150
70	1.216	1.207	1.199	1.192	1.186	1.180	1.175	1.170	1.166	1.162	1.158	1.155	1.151	1.148
80	1.216	1.207	1.199	1.192	1.185	1.179	1.174	1.169	1.165	1.161	1.157	1.154	1.150	1.147
90	1.215	1.206	1.198	1.191	1.185	1.179	1.174	1.169	1.164	1.160	1.156	1.153	1.150	1.146
100	1.215	1.206	1.198	1.191	1.184	1.178	1.173	1.168	1.164	1.160	1.156	1.152	1.149	1.146

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	0.902	0.901	0.900	0.900	0.899	0.898	0.897	0.894	0.890	0.887	0.885	0.884	0.883	0.882
2	1.089	1.087	1.086	1.085	1.084	1.083	1.082	1.078	1.072	1.068	1.066	1.064	1.062	1.061
3	1.138	1.137	1.136	1.134	1.133	1.132	1.131	1.126	1.120	1.115	1.112	1.110	1.108	1.107
4	1.157	1.155	1.154	1.152	1.151	1.150	1.149	1.144	1.137	1.132	1.129	1.126	1.125	1.123
5	1.165	1.163	1.162	1.160	1.159	1.157	1.156	1.151	1.144	1.139	1.135	1.133	1.131	1.129
6	1.168	1.167	1.165	1.163	1.162	1.161	1.159	1.154	1.146	1.141	1.137	1.135	1.133	1.131
7	1.170	1.168	1.166	1.165	1.163	1.162	1.160	1.155	1.147	1.141	1.138	1.135	1.133	1.131
8	1.170	1.168	1.166	1.165	1.163	1.162	1.160	1.154	1.146	1.141	1.137	1.134	1.132	1.130
9	1.170	1.168	1.166	1.164	1.163	1.161	1.160	1.154	1.145	1.140	1.136	1.133	1.130	1.128
10	1.169	1.167	1.165	1.163	1.162	1.160	1.159	1.153	1.144	1.138	1.134	1.131	1.129	1.127
11	1.168	1.166	1.164	1.163	1.161	1.159	1.158	1.152	1.143	1.137	1.133	1.130	1.127	1.125
12	1.167	1.165	1.163	1.162	1.160	1.158	1.157	1.150	1.141	1.135	1.131	1.128	1.125	1.124

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	1.166	1.164	1.162	1.161	1.159	1.157	1.156	1.149	1.140	1.134	1.130	1.126	1.124	1.122
14	1.165	1.163	1.161	1.160	1.158	1.156	1.155	1.148	1.139	1.133	1.128	1.125	1.122	1.120
15	1.165	1.162	1.160	1.159	1.157	1.155	1.154	1.147	1.138	1.131	1.127	1.123	1.121	1.119
16	1.164	1.162	1.160	1.158	1.156	1.154	1.153	1.146	1.136	1.130	1.125	1.122	1.119	1.117
17	1.163	1.161	1.159	1.157	1.155	1.153	1.152	1.145	1.135	1.129	1.124	1.121	1.118	1.116
18	1.162	1.160	1.158	1.156	1.154	1.152	1.151	1.144	1.134	1.128	1.123	1.119	1.117	1.114
19	1.161	1.159	1.157	1.155	1.153	1.151	1.150	1.143	1.133	1.126	1.122	1.118	1.115	1.113
20	1.161	1.158	1.156	1.154	1.152	1.151	1.149	1.142	1.132	1.125	1.121	1.117	1.114	1.112
21	1.160	1.158	1.155	1.153	1.152	1.150	1.148	1.141	1.131	1.124	1.119	1.116	1.113	1.111
22	1.159	1.157	1.155	1.153	1.151	1.149	1.147	1.140	1.130	1.123	1.118	1.115	1.112	1.110
23	1.159	1.156	1.154	1.152	1.150	1.148	1.147	1.139	1.129	1.122	1.118	1.114	1.111	1.109
24	1.158	1.156	1.153	1.151	1.150	1.148	1.146	1.139	1.128	1.122	1.117	1.113	1.110	1.108
25	1.157	1.155	1.153	1.151	1.149	1.147	1.145	1.138	1.128	1.121	1.116	1.112	1.109	1.107
26	1.157	1.155	1.152	1.150	1.148	1.146	1.145	1.137	1.127	1.120	1.115	1.111	1.108	1.106
27	1.156	1.154	1.152	1.150	1.148	1.146	1.144	1.137	1.126	1.119	1.114	1.110	1.107	1.105
28	1.156	1.153	1.151	1.149	1.147	1.145	1.144	1.136	1.126	1.118	1.113	1.109	1.106	1.104
29	1.155	1.153	1.151	1.149	1.147	1.145	1.143	1.136	1.125	1.118	1.113	1.109	1.106	1.103
30	1.155	1.153	1.150	1.148	1.146	1.144	1.143	1.135	1.124	1.117	1.112	1.108	1.105	1.102
31	1.154	1.152	1.150	1.148	1.146	1.144	1.142	1.134	1.124	1.116	1.111	1.107	1.104	1.102
32	1.154	1.152	1.149	1.147	1.145	1.143	1.142	1.134	1.123	1.116	1.111	1.107	1.103	1.101
33	1.154	1.151	1.149	1.147	1.145	1.143	1.141	1.133	1.123	1.115	1.110	1.106	1.103	1.100
34	1.153	1.151	1.149	1.146	1.144	1.142	1.141	1.133	1.122	1.115	1.109	1.105	1.102	1.100
35	1.153	1.150	1.148	1.146	1.144	1.142	1.140	1.133	1.122	1.114	1.109	1.105	1.101	1.099
40	1.151	1.149	1.146	1.144	1.142	1.140	1.138	1.130	1.119	1.112	1.106	1.102	1.099	1.096
50	1.149	1.146	1.144	1.142	1.139	1.137	1.136	1.127	1.116	1.108	1.102	1.098	1.094	1.092
60	1.147	1.144	1.142	1.140	1.137	1.135	1.133	1.125	1.113	1.105	1.099	1.095	1.091	1.088
70	1.146	1.143	1.140	1.138	1.136	1.134	1.132	1.123	1.111	1.103	1.097	1.092	1.089	1.086
80	1.144	1.142	1.139	1.137	1.135	1.133	1.131	1.122	1.110	1.101	1.095	1.090	1.087	1.083
90	1.144	1.141	1.138	1.136	1.134	1.132	1.130	1.121	1.108	1.100	1.094	1.089	1.085	1.082
100	1.143	1.140	1.138	1.135	1.133	1.131	1.129	1.120	1.107	1.099	1.092	1.087	1.083	1.080

$x = 0.7$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	3.852	1.922	1.562	1.415	1.336	1.286	1.253	1.228	1.209	1.195	1.183	1.173	1.165	1.158
2	5.056	2.333	1.847	1.651	1.547	1.481	1.437	1.405	1.380	1.361	1.346	1.333	1.323	1.314
3	5.557	2.484	1.940	1.721	1.605	1.532	1.482	1.446	1.419	1.398	1.381	1.366	1.355	1.345
4	5.830	2.561	1.985	1.753	1.629	1.551	1.499	1.460	1.431	1.408	1.390	1.375	1.362	1.352
5	6.001	2.608	2.011	1.770	1.641	1.560	1.505	1.466	1.435	1.411	1.392	1.376	1.363	1.352
6	6.117	2.640	2.028	1.781	1.648	1.565	1.509	1.467	1.436	1.412	1.392	1.375	1.362	1.350
7	6.202	2.663	2.040	1.788	1.653	1.568	1.510	1.468	1.436	1.411	1.390	1.373	1.359	1.347
8	6.267	2.681	2.048	1.793	1.656	1.570	1.511	1.468	1.435	1.409	1.388	1.371	1.357	1.344
9	6.317	2.694	2.055	1.797	1.658	1.571	1.511	1.467	1.434	1.408	1.386	1.369	1.354	1.342
10	6.358	2.705	2.061	1.800	1.659	1.571	1.511	1.466	1.433	1.406	1.385	1.367	1.352	1.339
11	6.391	2.714	2.065	1.803	1.661	1.572	1.510	1.466	1.432	1.405	1.383	1.365	1.350	1.337
12	6.419	2.721	2.069	1.805	1.662	1.572	1.510	1.465	1.431	1.403	1.381	1.363	1.348	1.335
13	6.443	2.727	2.072	1.806	1.662	1.572	1.510	1.464	1.429	1.402	1.380	1.361	1.346	1.333
14	6.464	2.733	2.074	1.807	1.663	1.572	1.509	1.464	1.429	1.401	1.378	1.360	1.344	1.331
15	6.482	2.738	2.077	1.809	1.663	1.572	1.509	1.463	1.428	1.400	1.377	1.358	1.343	1.329
16	6.497	2.742	2.079	1.810	1.664	1.572	1.509	1.462	1.427	1.399	1.376	1.357	1.341	1.328
17	6.511	2.745	2.080	1.810	1.664	1.572	1.508	1.462	1.426	1.398	1.375	1.356	1.340	1.326
18	6.523	2.748	2.082	1.811	1.664	1.572	1.508	1.461	1.425	1.397	1.374	1.355	1.339	1.325
19	6.534	2.751	2.083	1.812	1.665	1.572	1.508	1.461	1.425	1.396	1.373	1.354	1.338	1.324
20	6.544	2.754	2.084	1.812	1.665	1.572	1.507	1.460	1.424	1.395	1.372	1.353	1.337	1.323
21	6.553	2.756	2.086	1.813	1.665	1.572	1.507	1.460	1.423	1.395	1.371	1.352	1.336	1.322
22	6.561	2.758	2.087	1.813	1.665	1.571	1.507	1.459	1.423	1.394	1.371	1.351	1.335	1.321
23	6.569	2.760	2.087	1.814	1.665	1.571	1.507	1.459	1.422	1.393	1.370	1.350	1.334	1.320
24	6.576	2.762	2.088	1.814	1.665	1.571	1.506	1.459	1.422	1.393	1.369	1.350	1.333	1.319
25	6.582	2.764	2.089	1.815	1.665	1.571	1.506	1.458	1.421	1.392	1.369	1.349	1.332	1.318
26	6.588	2.765	2.090	1.815	1.666	1.571	1.506	1.458	1.421	1.392	1.368	1.348	1.332	1.317
27	6.593	2.767	2.090	1.815	1.666	1.571	1.506	1.458	1.421	1.391	1.368	1.348	1.331	1.317
28	6.598	2.768	2.091	1.816	1.666	1.571	1.505	1.457	1.420	1.391	1.367	1.347	1.330	1.316
29	6.603	2.769	2.092	1.816	1.666	1.571	1.505	1.457	1.420	1.391	1.367	1.347	1.330	1.315
30	6.607	2.770	2.092	1.816	1.666	1.571	1.505	1.457	1.420	1.390	1.366	1.346	1.329	1.315
31	6.611	2.772	2.093	1.816	1.666	1.571	1.505	1.457	1.419	1.390	1.366	1.346	1.329	1.314
32	6.615	2.773	2.093	1.817	1.666	1.571	1.505	1.456	1.419	1.389	1.365	1.345	1.328	1.314
33	6.619	2.773	2.094	1.817	1.666	1.571	1.505	1.456	1.419	1.389	1.365	1.345	1.328	1.313
34	6.622	2.774	2.094	1.817	1.666	1.571	1.505	1.456	1.418	1.389	1.364	1.344	1.327	1.313
35	6.626	2.775	2.094	1.817	1.666	1.571	1.504	1.456	1.418	1.388	1.364	1.344	1.327	1.312
40	6.639	2.779	2.096	1.818	1.666	1.570	1.504	1.455	1.417	1.387	1.363	1.342	1.325	1.310
50	6.658	2.784	2.098	1.819	1.666	1.570	1.503	1.453	1.415	1.385	1.360	1.340	1.322	1.307
60	6.671	2.787	2.100	1.819	1.666	1.570	1.502	1.453	1.414	1.384	1.359	1.338	1.320	1.305
70	6.680	2.789	2.101	1.820	1.667	1.569	1.502	1.452	1.413	1.383	1.358	1.337	1.319	1.304
80	6.687	2.791	2.102	1.820	1.667	1.569	1.501	1.451	1.413	1.382	1.357	1.336	1.318	1.303
90	6.692	2.793	2.102	1.821	1.667	1.569	1.501	1.451	1.412	1.381	1.356	1.335	1.317	1.302
100	6.697	2.794	2.103	1.821	1.667	1.569	1.501	1.451	1.412	1.381	1.355	1.334	1.316	1.301

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	1.152	1.147	1.143	1.139	1.135	1.132	1.129	1.127	1.124	1.122	1.120	1.118	1.117	1.115
2	1.306	1.299	1.293	1.288	1.284	1.279	1.276	1.272	1.269	1.266	1.264	1.261	1.259	1.257
3	1.336	1.328	1.322	1.316	1.311	1.306	1.302	1.298	1.295	1.292	1.289	1.286	1.284	1.281
4	1.342	1.334	1.327	1.321	1.316	1.311	1.306	1.302	1.298	1.295	1.292	1.289	1.286	1.284
5	1.342	1.334	1.326	1.320	1.314	1.309	1.304	1.300	1.296	1.292	1.289	1.286	1.283	1.281

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	1.340	1.331	1.323	1.317	1.311	1.305	1.300	1.296	1.292	1.288	1.285	1.282	1.279	1.276
7	1.337	1.328	1.320	1.313	1.307	1.301	1.296	1.292	1.287	1.284	1.280	1.277	1.274	1.271
8	1.334	1.325	1.317	1.309	1.303	1.297	1.292	1.287	1.283	1.279	1.276	1.272	1.269	1.266
9	1.331	1.322	1.313	1.306	1.299	1.294	1.288	1.283	1.279	1.275	1.271	1.268	1.265	1.262
10	1.328	1.319	1.310	1.303	1.296	1.290	1.285	1.280	1.275	1.271	1.268	1.264	1.261	1.258
11	1.326	1.316	1.307	1.300	1.293	1.287	1.282	1.277	1.272	1.268	1.264	1.260	1.257	1.254
12	1.323	1.314	1.305	1.297	1.290	1.284	1.279	1.274	1.269	1.265	1.261	1.257	1.254	1.251
13	1.321	1.311	1.303	1.295	1.288	1.282	1.276	1.271	1.266	1.262	1.258	1.254	1.251	1.248
14	1.319	1.309	1.300	1.293	1.285	1.279	1.273	1.268	1.264	1.259	1.255	1.251	1.248	1.245
15	1.318	1.307	1.298	1.290	1.283	1.277	1.271	1.266	1.261	1.257	1.253	1.249	1.246	1.242
16	1.316	1.306	1.297	1.289	1.281	1.275	1.269	1.264	1.259	1.255	1.250	1.247	1.243	1.240
17	1.314	1.304	1.295	1.287	1.280	1.273	1.267	1.262	1.257	1.253	1.248	1.245	1.241	1.238
18	1.313	1.303	1.293	1.285	1.278	1.271	1.265	1.260	1.255	1.251	1.246	1.243	1.239	1.236
19	1.312	1.301	1.292	1.284	1.276	1.270	1.264	1.258	1.253	1.249	1.245	1.241	1.237	1.234
20	1.311	1.300	1.291	1.282	1.275	1.268	1.262	1.257	1.252	1.247	1.243	1.239	1.235	1.232
21	1.309	1.299	1.289	1.281	1.274	1.267	1.261	1.255	1.250	1.246	1.241	1.238	1.234	1.230
22	1.308	1.298	1.288	1.280	1.272	1.266	1.260	1.254	1.249	1.244	1.240	1.236	1.232	1.229
23	1.307	1.297	1.287	1.279	1.271	1.265	1.258	1.253	1.248	1.243	1.239	1.235	1.231	1.228
24	1.307	1.296	1.286	1.278	1.270	1.263	1.257	1.252	1.246	1.242	1.237	1.233	1.230	1.226
25	1.306	1.295	1.285	1.277	1.269	1.262	1.256	1.251	1.245	1.241	1.236	1.232	1.228	1.225
26	1.305	1.294	1.284	1.276	1.268	1.261	1.255	1.249	1.244	1.240	1.235	1.231	1.227	1.224
27	1.304	1.293	1.284	1.275	1.267	1.260	1.254	1.249	1.243	1.238	1.234	1.230	1.226	1.223
28	1.303	1.293	1.283	1.274	1.267	1.260	1.253	1.248	1.242	1.238	1.233	1.229	1.225	1.222
29	1.303	1.292	1.282	1.274	1.266	1.259	1.252	1.247	1.241	1.237	1.232	1.228	1.224	1.221
30	1.302	1.291	1.281	1.273	1.265	1.258	1.252	1.246	1.241	1.236	1.231	1.227	1.223	1.220
31	1.302	1.291	1.281	1.272	1.264	1.257	1.251	1.245	1.240	1.235	1.230	1.226	1.222	1.219
32	1.301	1.290	1.280	1.271	1.264	1.257	1.250	1.244	1.239	1.234	1.230	1.225	1.222	1.218
33	1.300	1.289	1.280	1.271	1.263	1.256	1.249	1.244	1.238	1.233	1.229	1.225	1.221	1.217
34	1.300	1.289	1.279	1.270	1.262	1.255	1.249	1.243	1.238	1.233	1.228	1.224	1.220	1.216
35	1.299	1.288	1.278	1.270	1.262	1.255	1.248	1.242	1.237	1.232	1.227	1.223	1.219	1.216
40	1.297	1.286	1.276	1.267	1.259	1.252	1.245	1.239	1.234	1.229	1.224	1.220	1.216	1.212
50	1.294	1.283	1.273	1.264	1.255	1.248	1.241	1.235	1.230	1.225	1.220	1.215	1.211	1.208
60	1.292	1.280	1.270	1.261	1.253	1.245	1.239	1.232	1.227	1.221	1.217	1.212	1.208	1.204
70	1.290	1.279	1.268	1.259	1.251	1.243	1.236	1.230	1.224	1.219	1.214	1.210	1.206	1.202
80	1.289	1.277	1.267	1.258	1.249	1.242	1.235	1.229	1.223	1.217	1.212	1.208	1.204	1.200
90	1.288	1.276	1.266	1.257	1.248	1.240	1.234	1.227	1.221	1.216	1.211	1.206	1.202	1.198
100	1.287	1.276	1.265	1.256	1.247	1.239	1.232	1.226	1.220	1.215	1.210	1.205	1.201	1.197

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	1.114	1.112	1.111	1.110	1.109	1.108	1.107	1.103	1.097	1.093	1.090	1.088	1.087	1.085
2	1.255	1.254	1.252	1.250	1.249	1.248	1.246	1.241	1.233	1.228	1.225	1.222	1.220	1.219
3	1.279	1.277	1.275	1.274	1.272	1.271	1.269	1.263	1.255	1.249	1.245	1.242	1.240	1.238
4	1.282	1.280	1.278	1.276	1.274	1.272	1.271	1.264	1.255	1.249	1.245	1.242	1.239	1.237
5	1.278	1.276	1.274	1.272	1.270	1.269	1.267	1.260	1.251	1.244	1.240	1.236	1.234	1.232
6	1.274	1.271	1.269	1.267	1.265	1.263	1.262	1.254	1.245	1.238	1.233	1.230	1.227	1.225
7	1.269	1.266	1.264	1.262	1.260	1.258	1.256	1.249	1.238	1.232	1.227	1.223	1.220	1.218
8	1.264	1.261	1.259	1.257	1.255	1.253	1.251	1.243	1.233	1.226	1.221	1.217	1.214	1.212
9	1.259	1.257	1.254	1.252	1.250	1.248	1.246	1.238	1.227	1.220	1.215	1.211	1.208	1.206
10	1.255	1.253	1.250	1.248	1.246	1.244	1.242	1.234	1.223	1.215	1.210	1.206	1.203	1.200
11	1.251	1.249	1.246	1.244	1.242	1.240	1.238	1.230	1.218	1.211	1.205	1.201	1.198	1.195
12	1.248	1.245	1.243	1.240	1.238	1.236	1.234	1.226	1.214	1.206	1.201	1.197	1.194	1.191

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	1.245	1.242	1.240	1.237	1.235	1.233	1.231	1.222	1.211	1.203	1.197	1.193	1.189	1.187
14	1.242	1.239	1.237	1.234	1.232	1.230	1.228	1.219	1.207	1.199	1.193	1.189	1.186	1.183
15	1.239	1.237	1.234	1.231	1.229	1.227	1.225	1.216	1.204	1.196	1.190	1.186	1.182	1.180
16	1.237	1.234	1.231	1.229	1.227	1.224	1.222	1.214	1.201	1.193	1.187	1.183	1.179	1.176
17	1.235	1.232	1.229	1.227	1.224	1.222	1.220	1.211	1.199	1.190	1.184	1.180	1.176	1.173
18	1.233	1.230	1.227	1.225	1.222	1.220	1.218	1.209	1.196	1.188	1.182	1.177	1.173	1.171
19	1.231	1.228	1.225	1.223	1.220	1.218	1.216	1.207	1.194	1.185	1.179	1.174	1.171	1.168
20	1.229	1.226	1.223	1.221	1.218	1.216	1.214	1.205	1.192	1.183	1.177	1.172	1.168	1.166
21	1.227	1.224	1.222	1.219	1.217	1.214	1.212	1.203	1.190	1.181	1.175	1.170	1.166	1.163
22	1.226	1.223	1.220	1.217	1.215	1.213	1.210	1.201	1.188	1.179	1.173	1.168	1.164	1.161
23	1.224	1.221	1.218	1.216	1.213	1.211	1.209	1.199	1.186	1.177	1.171	1.166	1.162	1.159
24	1.223	1.220	1.217	1.214	1.212	1.210	1.207	1.198	1.184	1.175	1.169	1.164	1.160	1.157
25	1.222	1.219	1.216	1.213	1.211	1.208	1.206	1.196	1.183	1.174	1.167	1.162	1.158	1.155
26	1.220	1.217	1.215	1.212	1.209	1.207	1.205	1.195	1.181	1.172	1.166	1.161	1.157	1.154
27	1.219	1.216	1.213	1.211	1.208	1.206	1.203	1.194	1.180	1.171	1.164	1.159	1.155	1.152
28	1.218	1.215	1.212	1.210	1.207	1.205	1.202	1.193	1.179	1.169	1.163	1.158	1.154	1.151
29	1.217	1.214	1.211	1.208	1.206	1.203	1.201	1.191	1.177	1.168	1.161	1.156	1.152	1.149
30	1.216	1.213	1.210	1.207	1.205	1.202	1.200	1.190	1.176	1.167	1.160	1.155	1.151	1.148
31	1.215	1.212	1.209	1.207	1.204	1.201	1.199	1.189	1.175	1.166	1.159	1.154	1.150	1.146
32	1.215	1.211	1.208	1.206	1.203	1.201	1.198	1.188	1.174	1.165	1.158	1.152	1.148	1.145
33	1.214	1.211	1.208	1.205	1.202	1.200	1.197	1.187	1.173	1.163	1.157	1.151	1.147	1.144
34	1.213	1.210	1.207	1.204	1.201	1.199	1.196	1.186	1.172	1.162	1.155	1.150	1.146	1.143
35	1.212	1.209	1.206	1.203	1.200	1.198	1.196	1.186	1.171	1.161	1.154	1.149	1.145	1.142
40	1.209	1.206	1.203	1.200	1.197	1.194	1.192	1.182	1.167	1.157	1.150	1.144	1.140	1.137
50	1.204	1.201	1.197	1.195	1.192	1.189	1.187	1.176	1.161	1.150	1.143	1.137	1.133	1.129
60	1.200	1.197	1.194	1.191	1.188	1.185	1.183	1.172	1.156	1.146	1.138	1.132	1.127	1.124
70	1.198	1.194	1.191	1.188	1.185	1.183	1.180	1.169	1.153	1.142	1.134	1.128	1.123	1.119
80	1.196	1.192	1.189	1.186	1.183	1.180	1.178	1.166	1.150	1.139	1.131	1.125	1.120	1.116
90	1.194	1.191	1.187	1.184	1.181	1.179	1.176	1.165	1.148	1.137	1.129	1.122	1.117	1.113
100	1.193	1.189	1.186	1.183	1.180	1.177	1.174	1.163	1.146	1.135	1.127	1.120	1.115	1.111

$x = 0.75$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	5.828	2.571	2.024	1.807	1.692	1.621	1.573	1.538	1.512	1.491	1.475	1.461	1.450	1.440
2	7.500	3.000	2.280	2.000	1.853	1.762	1.701	1.657	1.624	1.598	1.577	1.560	1.545	1.533
3	8.200	3.153	2.356	2.047	1.884	1.784	1.717	1.668	1.632	1.603	1.580	1.561	1.545	1.532
4	8.581	3.232	2.390	2.064	1.893	1.787	1.716	1.664	1.625	1.595	1.570	1.550	1.534	1.519
5	8.820	3.280	2.409	2.072	1.895	1.785	1.711	1.658	1.617	1.585	1.560	1.539	1.521	1.507
6	8.983	3.312	2.422	2.077	1.894	1.782	1.706	1.651	1.609	1.576	1.550	1.529	1.511	1.495
7	9.102	3.335	2.430	2.079	1.894	1.779	1.701	1.645	1.602	1.569	1.542	1.520	1.501	1.485
8	9.192	3.353	2.436	2.080	1.892	1.776	1.697	1.640	1.596	1.562	1.535	1.512	1.493	1.477
9	9.263	3.366	2.441	2.081	1.891	1.773	1.693	1.635	1.591	1.556	1.528	1.505	1.486	1.470
10	9.320	3.377	2.445	2.082	1.890	1.771	1.690	1.631	1.586	1.551	1.523	1.500	1.480	1.463
11	9.367	3.386	2.448	2.082	1.889	1.769	1.687	1.627	1.582	1.547	1.518	1.495	1.475	1.458
12	9.406	3.393	2.450	2.083	1.888	1.767	1.684	1.624	1.579	1.543	1.514	1.490	1.470	1.453
13	9.440	3.400	2.452	2.083	1.887	1.765	1.682	1.622	1.576	1.540	1.510	1.486	1.466	1.449
14	9.468	3.405	2.454	2.083	1.886	1.764	1.680	1.619	1.573	1.537	1.507	1.483	1.462	1.445
15	9.493	3.410	2.455	2.083	1.885	1.762	1.678	1.617	1.570	1.534	1.504	1.480	1.459	1.441
16	9.515	3.414	2.456	2.083	1.884	1.761	1.676	1.615	1.568	1.531	1.501	1.477	1.456	1.438
17	9.535	3.418	2.458	2.083	1.884	1.760	1.675	1.613	1.566	1.529	1.499	1.474	1.453	1.435
18	9.552	3.421	2.459	2.083	1.883	1.759	1.674	1.612	1.564	1.527	1.497	1.472	1.451	1.433
19	9.567	3.424	2.459	2.083	1.882	1.758	1.672	1.610	1.563	1.525	1.495	1.470	1.449	1.431
20	9.581	3.426	2.460	2.083	1.882	1.757	1.671	1.609	1.561	1.523	1.493	1.468	1.447	1.428
21	9.594	3.429	2.461	2.083	1.881	1.756	1.670	1.608	1.560	1.522	1.491	1.466	1.445	1.426
22	9.605	3.431	2.462	2.083	1.881	1.755	1.669	1.606	1.558	1.520	1.490	1.464	1.443	1.425
23	9.616	3.433	2.462	2.083	1.881	1.755	1.668	1.605	1.557	1.519	1.488	1.463	1.441	1.423
24	9.625	3.435	2.463	2.083	1.880	1.754	1.667	1.604	1.556	1.518	1.487	1.461	1.440	1.421
25	9.634	3.436	2.463	2.083	1.880	1.753	1.667	1.603	1.555	1.517	1.486	1.460	1.438	1.420
26	9.642	3.438	2.464	2.083	1.880	1.753	1.666	1.602	1.554	1.516	1.485	1.459	1.437	1.418
27	9.650	3.439	2.464	2.083	1.879	1.752	1.665	1.602	1.553	1.515	1.483	1.458	1.436	1.417
28	9.657	3.440	2.464	2.083	1.879	1.752	1.665	1.601	1.552	1.514	1.482	1.456	1.435	1.416
29	9.664	3.442	2.465	2.082	1.879	1.751	1.664	1.600	1.551	1.513	1.481	1.455	1.433	1.415
30	9.670	3.443	2.465	2.082	1.878	1.751	1.663	1.600	1.551	1.512	1.481	1.454	1.432	1.414
31	9.676	3.444	2.465	2.082	1.878	1.751	1.663	1.599	1.550	1.511	1.480	1.454	1.431	1.413
32	9.681	3.445	2.466	2.082	1.878	1.750	1.662	1.598	1.549	1.510	1.479	1.453	1.431	1.412
33	9.686	3.446	2.466	2.082	1.878	1.750	1.662	1.598	1.549	1.510	1.478	1.452	1.430	1.411
34	9.691	3.447	2.466	2.082	1.877	1.749	1.662	1.597	1.548	1.509	1.477	1.451	1.429	1.410
35	9.695	3.448	2.466	2.082	1.877	1.749	1.661	1.597	1.547	1.508	1.477	1.450	1.428	1.409
40	9.714	3.451	2.467	2.082	1.876	1.748	1.659	1.595	1.545	1.506	1.474	1.447	1.425	1.405
50	9.741	3.456	2.469	2.082	1.875	1.746	1.657	1.591	1.541	1.502	1.469	1.443	1.420	1.400
60	9.759	3.459	2.470	2.082	1.874	1.744	1.655	1.589	1.539	1.499	1.466	1.439	1.416	1.397
70	9.772	3.462	2.470	2.082	1.874	1.743	1.654	1.588	1.537	1.497	1.464	1.437	1.414	1.394
80	9.782	3.464	2.471	2.081	1.873	1.742	1.653	1.586	1.536	1.495	1.463	1.435	1.412	1.392
90	9.789	3.465	2.471	2.081	1.873	1.742	1.652	1.586	1.535	1.494	1.461	1.434	1.411	1.391
100	9.795	3.466	2.471	2.081	1.872	1.741	1.651	1.585	1.534	1.493	1.460	1.433	1.409	1.389

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	1.432	1.425	1.419	1.413	1.408	1.404	1.400	1.396	1.393	1.390	1.387	1.384	1.382	1.380
2	1.523	1.514	1.506	1.499	1.493	1.487	1.482	1.477	1.473	1.470	1.466	1.463	1.460	1.457
3	1.520	1.510	1.502	1.494	1.487	1.481	1.475	1.470	1.466	1.462	1.458	1.454	1.451	1.448
4	1.507	1.497	1.487	1.479	1.472	1.465	1.459	1.454	1.449	1.445	1.441	1.437	1.433	1.430
5	1.494	1.483	1.473	1.464	1.457	1.450	1.444	1.438	1.433	1.428	1.424	1.420	1.417	1.413

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	1.482	1.471	1.460	1.452	1.444	1.437	1.430	1.424	1.419	1.414	1.410	1.406	1.402	1.399
7	1.472	1.460	1.450	1.441	1.432	1.425	1.419	1.413	1.407	1.402	1.398	1.393	1.390	1.386
8	1.463	1.451	1.441	1.431	1.423	1.415	1.409	1.402	1.397	1.392	1.387	1.383	1.379	1.375
9	1.456	1.443	1.433	1.423	1.414	1.407	1.400	1.394	1.388	1.383	1.378	1.374	1.370	1.366
10	1.449	1.437	1.426	1.416	1.407	1.399	1.392	1.386	1.380	1.375	1.370	1.366	1.361	1.358
11	1.443	1.431	1.420	1.410	1.401	1.393	1.386	1.379	1.374	1.368	1.363	1.359	1.354	1.350
12	1.438	1.426	1.414	1.404	1.395	1.387	1.380	1.374	1.368	1.362	1.357	1.352	1.348	1.344
13	1.434	1.421	1.409	1.399	1.390	1.382	1.375	1.368	1.362	1.357	1.352	1.347	1.342	1.338
14	1.430	1.417	1.405	1.395	1.386	1.378	1.370	1.364	1.357	1.352	1.347	1.342	1.337	1.333
15	1.426	1.413	1.401	1.391	1.382	1.374	1.366	1.359	1.353	1.347	1.342	1.337	1.333	1.329
16	1.423	1.410	1.398	1.388	1.378	1.370	1.362	1.355	1.349	1.343	1.338	1.333	1.329	1.325
17	1.420	1.407	1.395	1.384	1.375	1.367	1.359	1.352	1.346	1.340	1.335	1.330	1.325	1.321
18	1.417	1.404	1.392	1.381	1.372	1.363	1.356	1.349	1.342	1.337	1.331	1.326	1.322	1.317
19	1.415	1.401	1.389	1.379	1.369	1.361	1.353	1.346	1.339	1.333	1.328	1.323	1.318	1.314
20	1.413	1.399	1.387	1.376	1.367	1.358	1.350	1.343	1.337	1.331	1.325	1.320	1.315	1.311
21	1.411	1.397	1.385	1.374	1.364	1.356	1.348	1.341	1.334	1.328	1.323	1.318	1.313	1.308
22	1.409	1.395	1.383	1.372	1.362	1.353	1.345	1.338	1.332	1.326	1.320	1.315	1.310	1.306
23	1.407	1.393	1.381	1.370	1.360	1.351	1.343	1.336	1.330	1.323	1.318	1.313	1.308	1.304
24	1.405	1.391	1.379	1.368	1.358	1.349	1.341	1.334	1.327	1.321	1.316	1.311	1.306	1.301
25	1.404	1.390	1.377	1.366	1.356	1.348	1.340	1.332	1.326	1.319	1.314	1.309	1.304	1.299
26	1.402	1.388	1.376	1.365	1.355	1.346	1.338	1.330	1.324	1.318	1.312	1.307	1.302	1.297
27	1.401	1.387	1.374	1.363	1.353	1.344	1.336	1.329	1.322	1.316	1.310	1.305	1.300	1.295
28	1.400	1.385	1.373	1.362	1.352	1.343	1.335	1.327	1.321	1.314	1.309	1.303	1.298	1.294
29	1.398	1.384	1.372	1.360	1.350	1.341	1.333	1.326	1.319	1.313	1.307	1.302	1.297	1.292
30	1.397	1.383	1.370	1.359	1.349	1.340	1.332	1.324	1.318	1.311	1.306	1.300	1.295	1.291
31	1.396	1.382	1.369	1.358	1.348	1.339	1.331	1.323	1.316	1.310	1.304	1.299	1.294	1.289
32	1.395	1.381	1.368	1.357	1.347	1.338	1.329	1.322	1.315	1.309	1.303	1.297	1.292	1.288
33	1.394	1.380	1.367	1.356	1.346	1.337	1.328	1.321	1.314	1.307	1.302	1.296	1.291	1.287
34	1.393	1.379	1.366	1.355	1.345	1.336	1.327	1.320	1.313	1.306	1.300	1.295	1.290	1.285
35	1.392	1.378	1.365	1.354	1.344	1.335	1.326	1.319	1.312	1.305	1.299	1.294	1.289	1.284
40	1.389	1.374	1.361	1.350	1.339	1.330	1.322	1.314	1.307	1.300	1.294	1.289	1.284	1.279
50	1.383	1.369	1.355	1.344	1.333	1.324	1.315	1.307	1.300	1.293	1.287	1.282	1.276	1.271
60	1.380	1.365	1.351	1.340	1.329	1.319	1.311	1.303	1.295	1.289	1.282	1.277	1.271	1.266
70	1.377	1.362	1.348	1.336	1.326	1.316	1.307	1.299	1.292	1.285	1.279	1.273	1.267	1.262
80	1.375	1.360	1.346	1.334	1.323	1.313	1.305	1.296	1.289	1.282	1.276	1.270	1.264	1.259
90	1.373	1.358	1.344	1.332	1.321	1.311	1.303	1.294	1.287	1.280	1.273	1.268	1.262	1.257
100	1.372	1.356	1.343	1.331	1.320	1.310	1.301	1.293	1.285	1.278	1.272	1.266	1.260	1.255

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	1.378	1.376	1.374	1.373	1.371	1.370	1.368	1.363	1.355	1.349	1.346	1.343	1.341	1.339
2	1.455	1.452	1.450	1.448	1.446	1.444	1.443	1.435	1.425	1.419	1.414	1.411	1.408	1.406
3	1.445	1.443	1.440	1.438	1.436	1.434	1.432	1.424	1.413	1.405	1.400	1.396	1.393	1.391
4	1.427	1.424	1.422	1.419	1.417	1.415	1.413	1.404	1.393	1.385	1.379	1.375	1.372	1.369
5	1.410	1.407	1.405	1.402	1.400	1.397	1.395	1.386	1.374	1.366	1.360	1.355	1.352	1.349
6	1.395	1.392	1.389	1.387	1.384	1.382	1.380	1.371	1.358	1.349	1.343	1.338	1.335	1.332
7	1.383	1.380	1.377	1.374	1.371	1.369	1.367	1.357	1.344	1.335	1.329	1.324	1.320	1.317
8	1.372	1.369	1.366	1.363	1.360	1.358	1.355	1.345	1.332	1.323	1.316	1.311	1.307	1.304
9	1.362	1.359	1.356	1.353	1.350	1.348	1.345	1.335	1.321	1.312	1.305	1.300	1.296	1.293
10	1.354	1.351	1.348	1.345	1.342	1.339	1.337	1.327	1.312	1.303	1.296	1.291	1.287	1.283
11	1.347	1.343	1.340	1.337	1.334	1.332	1.329	1.319	1.304	1.294	1.287	1.282	1.278	1.275
12	1.340	1.337	1.334	1.331	1.328	1.325	1.323	1.312	1.297	1.287	1.280	1.275	1.270	1.267

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	1.335	1.331	1.328	1.325	1.322	1.319	1.317	1.306	1.291	1.280	1.273	1.268	1.263	1.260
14	1.330	1.326	1.323	1.320	1.317	1.314	1.311	1.300	1.285	1.274	1.267	1.262	1.257	1.254
15	1.325	1.321	1.318	1.315	1.312	1.309	1.306	1.295	1.280	1.269	1.262	1.256	1.252	1.248
16	1.321	1.317	1.314	1.310	1.307	1.305	1.302	1.291	1.275	1.264	1.257	1.251	1.246	1.243
17	1.317	1.313	1.310	1.306	1.303	1.301	1.298	1.286	1.270	1.260	1.252	1.246	1.242	1.238
18	1.313	1.310	1.306	1.303	1.300	1.297	1.294	1.283	1.266	1.255	1.248	1.242	1.237	1.234
19	1.310	1.306	1.303	1.300	1.296	1.294	1.291	1.279	1.263	1.252	1.244	1.238	1.233	1.229
20	1.307	1.303	1.300	1.296	1.293	1.290	1.288	1.276	1.259	1.248	1.240	1.234	1.229	1.226
21	1.304	1.301	1.297	1.294	1.290	1.287	1.285	1.273	1.256	1.245	1.237	1.231	1.226	1.222
22	1.302	1.298	1.294	1.291	1.288	1.285	1.282	1.270	1.253	1.242	1.234	1.227	1.223	1.219
23	1.299	1.296	1.292	1.288	1.285	1.282	1.279	1.267	1.250	1.239	1.231	1.224	1.220	1.216
24	1.297	1.293	1.290	1.286	1.283	1.280	1.277	1.265	1.248	1.236	1.228	1.222	1.217	1.213
25	1.295	1.291	1.287	1.284	1.281	1.278	1.275	1.263	1.245	1.234	1.225	1.219	1.214	1.210
26	1.293	1.289	1.285	1.282	1.279	1.276	1.273	1.260	1.243	1.231	1.223	1.216	1.211	1.207
27	1.291	1.287	1.284	1.280	1.277	1.274	1.271	1.258	1.241	1.229	1.220	1.214	1.209	1.205
28	1.290	1.286	1.282	1.278	1.275	1.272	1.269	1.256	1.239	1.227	1.218	1.212	1.207	1.203
29	1.288	1.284	1.280	1.277	1.273	1.270	1.267	1.255	1.237	1.225	1.216	1.210	1.205	1.200
30	1.286	1.282	1.279	1.275	1.272	1.269	1.266	1.253	1.235	1.223	1.214	1.208	1.202	1.198
31	1.285	1.281	1.277	1.273	1.270	1.267	1.264	1.251	1.233	1.221	1.212	1.206	1.200	1.196
32	1.283	1.279	1.276	1.272	1.269	1.266	1.263	1.250	1.232	1.219	1.211	1.204	1.199	1.194
33	1.282	1.278	1.274	1.271	1.267	1.264	1.261	1.248	1.230	1.218	1.209	1.202	1.197	1.193
34	1.281	1.277	1.273	1.269	1.266	1.263	1.260	1.247	1.229	1.216	1.207	1.200	1.195	1.191
35	1.280	1.276	1.272	1.268	1.265	1.262	1.258	1.245	1.227	1.215	1.206	1.199	1.194	1.189
40	1.275	1.270	1.266	1.263	1.259	1.256	1.253	1.240	1.221	1.208	1.199	1.192	1.186	1.182
50	1.267	1.263	1.259	1.255	1.251	1.248	1.245	1.231	1.212	1.198	1.189	1.181	1.176	1.171
60	1.262	1.257	1.253	1.249	1.246	1.242	1.239	1.225	1.205	1.191	1.181	1.174	1.168	1.163
70	1.258	1.253	1.249	1.245	1.241	1.238	1.234	1.220	1.200	1.186	1.176	1.168	1.162	1.157
80	1.254	1.250	1.246	1.242	1.238	1.234	1.231	1.217	1.196	1.182	1.171	1.163	1.157	1.152
90	1.252	1.247	1.243	1.239	1.235	1.232	1.228	1.214	1.193	1.178	1.168	1.160	1.153	1.148
100	1.250	1.245	1.241	1.237	1.233	1.230	1.226	1.212	1.190	1.176	1.165	1.157	1.150	1.145

$x = 0.8$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	9.472	3.556	2.682	2.351	2.178	2.073	2.002	1.951	1.913	1.883	1.859	1.839	1.823	1.809
2	12.000	4.000	2.886	2.472	2.259	2.130	2.043	1.981	1.935	1.899	1.870	1.846	1.826	1.809
3	13.064	4.156	2.936	2.485	2.253	2.113	2.019	1.951	1.901	1.861	1.830	1.804	1.783	1.765
4	13.644	4.236	2.956	2.483	2.240	2.092	1.994	1.923	1.870	1.829	1.796	1.768	1.746	1.727
5	14.008	4.284	2.965	2.478	2.228	2.076	1.974	1.900	1.846	1.803	1.768	1.740	1.717	1.697
6	14.258	4.317	2.971	2.473	2.217	2.062	1.957	1.883	1.826	1.782	1.747	1.718	1.694	1.674
7	14.439	4.340	2.974	2.469	2.209	2.051	1.945	1.868	1.811	1.766	1.730	1.700	1.676	1.655
8	14.577	4.358	2.976	2.465	2.202	2.042	1.934	1.856	1.798	1.752	1.716	1.686	1.661	1.639
9	14.685	4.371	2.978	2.462	2.196	2.034	1.925	1.847	1.787	1.741	1.704	1.673	1.648	1.626
10	14.772	4.382	2.979	2.460	2.191	2.028	1.918	1.838	1.778	1.732	1.694	1.663	1.637	1.615
11	14.844	4.391	2.980	2.457	2.187	2.022	1.911	1.831	1.771	1.723	1.685	1.654	1.628	1.606
12	14.904	4.399	2.981	2.455	2.184	2.018	1.906	1.825	1.764	1.716	1.678	1.646	1.620	1.598
13	14.955	4.405	2.981	2.453	2.180	2.014	1.901	1.820	1.758	1.710	1.672	1.640	1.613	1.590
14	14.998	4.410	2.982	2.452	2.178	2.010	1.897	1.815	1.753	1.705	1.666	1.634	1.607	1.584
15	15.037	4.415	2.982	2.450	2.175	2.007	1.893	1.811	1.749	1.700	1.661	1.628	1.601	1.578
16	15.070	4.419	2.982	2.449	2.173	2.004	1.890	1.807	1.745	1.696	1.656	1.624	1.596	1.573
17	15.099	4.423	2.982	2.448	2.171	2.001	1.887	1.804	1.741	1.692	1.652	1.619	1.592	1.569
18	15.126	4.426	2.983	2.447	2.169	1.999	1.884	1.801	1.738	1.688	1.648	1.616	1.588	1.564
19	15.149	4.429	2.983	2.446	2.167	1.997	1.882	1.798	1.735	1.685	1.645	1.612	1.584	1.561
20	15.171	4.432	2.983	2.445	2.166	1.995	1.879	1.796	1.732	1.682	1.642	1.609	1.581	1.557
21	15.190	4.434	2.983	2.444	2.165	1.993	1.877	1.793	1.730	1.680	1.639	1.606	1.578	1.554
22	15.207	4.436	2.983	2.443	2.163	1.992	1.875	1.791	1.727	1.677	1.637	1.603	1.575	1.551
23	15.223	4.438	2.983	2.443	2.162	1.990	1.874	1.789	1.725	1.675	1.634	1.601	1.572	1.548
24	15.238	4.440	2.983	2.442	2.161	1.989	1.872	1.787	1.723	1.673	1.632	1.598	1.570	1.546
25	15.252	4.442	2.983	2.442	2.160	1.988	1.871	1.786	1.721	1.671	1.630	1.596	1.568	1.544
26	15.264	4.443	2.984	2.441	2.159	1.986	1.869	1.784	1.720	1.669	1.628	1.594	1.566	1.541
27	15.276	4.444	2.984	2.441	2.158	1.985	1.868	1.783	1.718	1.667	1.626	1.592	1.564	1.539
28	15.287	4.446	2.984	2.440	2.158	1.984	1.867	1.781	1.717	1.666	1.625	1.590	1.562	1.537
29	15.297	4.447	2.984	2.440	2.157	1.983	1.866	1.780	1.715	1.664	1.623	1.589	1.560	1.536
30	15.306	4.448	2.984	2.439	2.156	1.982	1.865	1.779	1.714	1.663	1.622	1.587	1.558	1.534
31	15.315	4.449	2.984	2.439	2.156	1.982	1.864	1.778	1.713	1.662	1.620	1.586	1.557	1.532
32	15.323	4.450	2.984	2.438	2.155	1.981	1.863	1.777	1.712	1.660	1.619	1.584	1.556	1.531
33	15.331	4.451	2.984	2.438	2.154	1.980	1.862	1.776	1.711	1.659	1.618	1.583	1.554	1.529
34	15.338	4.452	2.984	2.438	2.154	1.979	1.861	1.775	1.710	1.658	1.616	1.582	1.553	1.528
35	15.345	4.453	2.984	2.437	2.153	1.979	1.860	1.774	1.709	1.657	1.615	1.581	1.552	1.527
40	15.374	4.456	2.984	2.436	2.151	1.976	1.857	1.770	1.704	1.653	1.611	1.576	1.546	1.521
50	15.415	4.461	2.984	2.434	2.148	1.972	1.852	1.765	1.698	1.646	1.604	1.568	1.539	1.513
60	15.442	4.465	2.984	2.433	2.146	1.969	1.849	1.761	1.694	1.642	1.599	1.564	1.534	1.508
70	15.462	4.467	2.984	2.432	2.144	1.967	1.846	1.758	1.691	1.639	1.596	1.560	1.530	1.504
80	15.477	4.469	2.984	2.431	2.143	1.965	1.844	1.756	1.689	1.636	1.593	1.557	1.527	1.501
90	15.488	4.470	2.984	2.431	2.142	1.964	1.843	1.755	1.687	1.634	1.591	1.555	1.525	1.499
100	15.497	4.471	2.984	2.430	2.141	1.963	1.842	1.753	1.686	1.633	1.589	1.553	1.523	1.497

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	1.797	1.787	1.778	1.770	1.763	1.757	1.751	1.746	1.741	1.737	1.733	1.729	1.726	1.723
2	1.795	1.783	1.772	1.762	1.754	1.746	1.739	1.733	1.728	1.722	1.718	1.713	1.709	1.706
3	1.749	1.736	1.724	1.713	1.704	1.696	1.688	1.682	1.676	1.670	1.665	1.660	1.656	1.652
4	1.710	1.696	1.684	1.673	1.663	1.654	1.646	1.639	1.633	1.627	1.622	1.617	1.612	1.608
5	1.680	1.665	1.652	1.641	1.631	1.622	1.614	1.606	1.599	1.593	1.588	1.583	1.578	1.573

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	1.656	1.641	1.628	1.616	1.605	1.596	1.588	1.580	1.573	1.567	1.561	1.556	1.551	1.546
7	1.637	1.621	1.608	1.596	1.585	1.575	1.567	1.559	1.552	1.545	1.539	1.534	1.529	1.524
8	1.621	1.605	1.591	1.579	1.568	1.558	1.549	1.541	1.534	1.527	1.521	1.516	1.510	1.505
9	1.608	1.591	1.577	1.565	1.554	1.544	1.535	1.526	1.519	1.512	1.506	1.500	1.495	1.490
10	1.596	1.580	1.566	1.553	1.542	1.531	1.522	1.514	1.506	1.499	1.493	1.487	1.482	1.477
11	1.587	1.570	1.555	1.543	1.531	1.521	1.511	1.503	1.495	1.488	1.482	1.476	1.470	1.465
12	1.578	1.561	1.547	1.534	1.522	1.512	1.502	1.494	1.486	1.479	1.472	1.466	1.461	1.455
13	1.571	1.554	1.539	1.526	1.514	1.503	1.494	1.485	1.477	1.470	1.464	1.457	1.452	1.447
14	1.564	1.547	1.532	1.519	1.507	1.496	1.487	1.478	1.470	1.463	1.456	1.450	1.444	1.439
15	1.558	1.541	1.526	1.513	1.500	1.490	1.480	1.471	1.463	1.456	1.449	1.443	1.437	1.432
16	1.553	1.536	1.520	1.507	1.495	1.484	1.474	1.465	1.457	1.450	1.443	1.437	1.431	1.425
17	1.548	1.531	1.516	1.502	1.490	1.479	1.469	1.460	1.452	1.444	1.437	1.431	1.425	1.419
18	1.544	1.527	1.511	1.497	1.485	1.474	1.464	1.455	1.447	1.439	1.432	1.426	1.420	1.414
19	1.540	1.523	1.507	1.493	1.481	1.470	1.460	1.450	1.442	1.434	1.427	1.421	1.415	1.409
20	1.537	1.519	1.503	1.489	1.477	1.466	1.455	1.446	1.438	1.430	1.423	1.417	1.411	1.405
21	1.533	1.515	1.500	1.486	1.473	1.462	1.452	1.443	1.434	1.426	1.419	1.413	1.407	1.401
22	1.530	1.512	1.497	1.482	1.470	1.459	1.448	1.439	1.431	1.423	1.416	1.409	1.403	1.397
23	1.528	1.509	1.494	1.479	1.467	1.455	1.445	1.436	1.427	1.419	1.412	1.406	1.399	1.394
24	1.525	1.507	1.491	1.477	1.464	1.452	1.442	1.433	1.424	1.416	1.409	1.402	1.396	1.390
25	1.523	1.504	1.488	1.474	1.461	1.450	1.439	1.430	1.421	1.413	1.406	1.399	1.393	1.387
26	1.520	1.502	1.486	1.472	1.459	1.447	1.437	1.427	1.419	1.411	1.403	1.397	1.390	1.385
27	1.518	1.500	1.484	1.469	1.456	1.445	1.434	1.425	1.416	1.408	1.401	1.394	1.388	1.382
28	1.516	1.498	1.482	1.467	1.454	1.443	1.432	1.423	1.414	1.406	1.398	1.392	1.385	1.379
29	1.514	1.496	1.480	1.465	1.452	1.441	1.430	1.420	1.412	1.404	1.396	1.389	1.383	1.377
30	1.513	1.494	1.478	1.463	1.450	1.439	1.428	1.418	1.410	1.401	1.394	1.387	1.381	1.375
31	1.511	1.492	1.476	1.461	1.448	1.437	1.426	1.416	1.408	1.399	1.392	1.385	1.379	1.373
32	1.509	1.491	1.474	1.460	1.447	1.435	1.424	1.415	1.406	1.398	1.390	1.383	1.377	1.371
33	1.508	1.489	1.473	1.458	1.445	1.433	1.423	1.413	1.404	1.396	1.388	1.381	1.375	1.369
34	1.507	1.488	1.471	1.457	1.444	1.432	1.421	1.411	1.402	1.394	1.387	1.380	1.373	1.367
35	1.505	1.487	1.470	1.455	1.442	1.430	1.419	1.410	1.401	1.392	1.385	1.378	1.371	1.365
40	1.500	1.481	1.464	1.449	1.436	1.424	1.413	1.403	1.394	1.385	1.378	1.371	1.364	1.358
50	1.491	1.472	1.455	1.440	1.427	1.414	1.403	1.393	1.384	1.375	1.367	1.360	1.353	1.347
60	1.486	1.466	1.449	1.434	1.420	1.408	1.397	1.386	1.377	1.368	1.360	1.353	1.346	1.340
70	1.482	1.462	1.445	1.429	1.416	1.403	1.392	1.381	1.372	1.363	1.355	1.347	1.341	1.334
80	1.479	1.459	1.441	1.426	1.412	1.399	1.388	1.377	1.368	1.359	1.351	1.343	1.336	1.330
90	1.476	1.456	1.439	1.423	1.409	1.396	1.385	1.374	1.365	1.356	1.348	1.340	1.333	1.326
100	1.474	1.454	1.437	1.421	1.407	1.394	1.383	1.372	1.362	1.353	1.345	1.337	1.330	1.324

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	1.720	1.717	1.715	1.712	1.710	1.708	1.706	1.698	1.687	1.679	1.674	1.670	1.667	1.664
2	1.702	1.699	1.696	1.693	1.691	1.688	1.686	1.676	1.662	1.653	1.647	1.642	1.639	1.636
3	1.648	1.645	1.641	1.638	1.635	1.633	1.630	1.620	1.605	1.595	1.588	1.583	1.579	1.576
4	1.604	1.600	1.597	1.593	1.590	1.588	1.585	1.574	1.558	1.548	1.540	1.535	1.531	1.527
5	1.569	1.565	1.562	1.558	1.555	1.552	1.550	1.538	1.522	1.511	1.503	1.497	1.493	1.489
6	1.542	1.538	1.534	1.531	1.527	1.524	1.521	1.509	1.492	1.481	1.473	1.467	1.463	1.459
7	1.519	1.515	1.512	1.508	1.505	1.502	1.499	1.486	1.469	1.457	1.449	1.443	1.438	1.434
8	1.501	1.497	1.493	1.489	1.486	1.483	1.480	1.467	1.449	1.437	1.429	1.422	1.418	1.414
9	1.485	1.481	1.477	1.473	1.470	1.467	1.464	1.451	1.432	1.420	1.412	1.405	1.400	1.396
10	1.472	1.468	1.464	1.460	1.456	1.453	1.450	1.437	1.418	1.406	1.397	1.390	1.385	1.381
11	1.461	1.456	1.452	1.448	1.445	1.441	1.438	1.424	1.405	1.393	1.384	1.377	1.372	1.368
12	1.451	1.446	1.442	1.438	1.434	1.431	1.428	1.414	1.394	1.382	1.372	1.366	1.360	1.356

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	1.442	1.437	1.433	1.429	1.425	1.422	1.418	1.404	1.385	1.372	1.362	1.355	1.350	1.346
14	1.434	1.429	1.425	1.421	1.417	1.413	1.410	1.396	1.376	1.363	1.353	1.346	1.341	1.336
15	1.427	1.422	1.418	1.414	1.410	1.406	1.403	1.388	1.368	1.355	1.345	1.338	1.332	1.328
16	1.420	1.416	1.411	1.407	1.403	1.399	1.396	1.381	1.361	1.347	1.338	1.330	1.325	1.320
17	1.414	1.410	1.405	1.401	1.397	1.393	1.390	1.375	1.355	1.341	1.331	1.324	1.318	1.313
18	1.409	1.404	1.400	1.396	1.392	1.388	1.384	1.370	1.349	1.335	1.325	1.317	1.311	1.307
19	1.404	1.399	1.395	1.391	1.387	1.383	1.379	1.364	1.343	1.329	1.319	1.312	1.306	1.301
20	1.400	1.395	1.390	1.386	1.382	1.378	1.375	1.360	1.338	1.324	1.314	1.306	1.300	1.295
21	1.396	1.391	1.386	1.382	1.378	1.374	1.370	1.355	1.334	1.319	1.309	1.301	1.295	1.290
22	1.392	1.387	1.382	1.378	1.374	1.370	1.366	1.351	1.329	1.315	1.304	1.297	1.291	1.286
23	1.388	1.383	1.379	1.374	1.370	1.366	1.363	1.347	1.325	1.311	1.300	1.292	1.286	1.281
24	1.385	1.380	1.375	1.371	1.367	1.363	1.359	1.344	1.322	1.307	1.296	1.288	1.282	1.277
25	1.382	1.377	1.372	1.368	1.364	1.360	1.356	1.340	1.318	1.303	1.293	1.285	1.278	1.273
26	1.379	1.374	1.369	1.365	1.361	1.357	1.353	1.337	1.315	1.300	1.289	1.281	1.275	1.270
27	1.376	1.371	1.367	1.362	1.358	1.354	1.350	1.334	1.312	1.297	1.286	1.278	1.271	1.266
28	1.374	1.369	1.364	1.360	1.355	1.351	1.348	1.331	1.309	1.294	1.283	1.274	1.268	1.263
29	1.372	1.366	1.362	1.357	1.353	1.349	1.345	1.329	1.306	1.291	1.280	1.272	1.265	1.260
30	1.369	1.364	1.359	1.355	1.350	1.346	1.343	1.326	1.304	1.288	1.277	1.269	1.262	1.257
31	1.367	1.362	1.357	1.353	1.348	1.344	1.340	1.324	1.301	1.286	1.274	1.266	1.259	1.254
32	1.365	1.360	1.355	1.350	1.346	1.342	1.338	1.322	1.299	1.283	1.272	1.263	1.257	1.251
33	1.363	1.358	1.353	1.348	1.344	1.340	1.336	1.320	1.297	1.281	1.270	1.261	1.254	1.249
34	1.361	1.356	1.351	1.347	1.342	1.338	1.334	1.318	1.294	1.279	1.267	1.259	1.252	1.247
35	1.360	1.354	1.349	1.345	1.340	1.336	1.332	1.316	1.292	1.277	1.265	1.256	1.250	1.244
40	1.352	1.347	1.342	1.337	1.333	1.328	1.325	1.308	1.284	1.267	1.256	1.247	1.240	1.234
50	1.341	1.336	1.331	1.326	1.321	1.317	1.313	1.295	1.271	1.254	1.242	1.232	1.225	1.219
60	1.334	1.328	1.323	1.318	1.313	1.309	1.305	1.287	1.261	1.244	1.232	1.222	1.214	1.208
70	1.328	1.322	1.317	1.312	1.307	1.303	1.299	1.280	1.255	1.237	1.224	1.214	1.206	1.200
80	1.324	1.318	1.313	1.307	1.303	1.298	1.294	1.276	1.249	1.231	1.218	1.208	1.200	1.194
90	1.320	1.314	1.309	1.304	1.299	1.295	1.290	1.272	1.245	1.227	1.213	1.203	1.195	1.188
100	1.317	1.312	1.306	1.301	1.296	1.292	1.287	1.268	1.242	1.223	1.209	1.199	1.191	1.184

$x = 0.85$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	17.350	5.207	3.703	3.162	2.888	2.723	2.613	2.535	2.477	2.431	2.395	2.365	2.341	2.320
2	21.722	5.667	3.813	3.164	2.840	2.646	2.518	2.427	2.360	2.307	2.265	2.231	2.203	2.179
3	23.572	5.826	3.821	3.124	2.776	2.570	2.433	2.337	2.264	2.209	2.164	2.128	2.098	2.072
4	24.582	5.907	3.817	3.092	2.731	2.516	2.375	2.274	2.199	2.141	2.095	2.057	2.025	1.999
5	25.217	5.955	3.811	3.068	2.698	2.478	2.332	2.229	2.152	2.092	2.045	2.006	1.973	1.946
6	25.652	5.988	3.806	3.050	2.673	2.449	2.301	2.195	2.117	2.056	2.007	1.967	1.934	1.906
7	25.968	6.011	3.801	3.036	2.654	2.427	2.276	2.169	2.089	2.027	1.978	1.937	1.904	1.875
8	26.208	6.029	3.798	3.024	2.639	2.409	2.257	2.149	2.068	2.005	1.954	1.913	1.879	1.850
9	26.397	6.043	3.794	3.015	2.627	2.395	2.241	2.132	2.050	1.986	1.935	1.894	1.859	1.830
10	26.549	6.054	3.792	3.008	2.617	2.383	2.228	2.117	2.035	1.970	1.919	1.877	1.842	1.812
11	26.674	6.063	3.789	3.001	2.608	2.373	2.217	2.105	2.022	1.957	1.905	1.863	1.828	1.798
12	26.779	6.070	3.787	2.996	2.601	2.364	2.207	2.095	2.011	1.946	1.894	1.851	1.815	1.785
13	26.868	6.077	3.786	2.991	2.594	2.357	2.199	2.086	2.002	1.936	1.883	1.840	1.804	1.774
14	26.944	6.082	3.784	2.987	2.589	2.350	2.192	2.079	1.994	1.927	1.874	1.831	1.795	1.764
15	27.011	6.087	3.783	2.983	2.584	2.345	2.185	2.072	1.986	1.920	1.867	1.823	1.786	1.755
16	27.069	6.091	3.782	2.980	2.579	2.340	2.180	2.066	1.980	1.913	1.860	1.816	1.779	1.748
17	27.121	6.094	3.780	2.977	2.576	2.335	2.175	2.060	1.974	1.907	1.853	1.809	1.772	1.741
18	27.166	6.098	3.779	2.975	2.572	2.331	2.170	2.055	1.969	1.902	1.847	1.803	1.766	1.735
19	27.208	6.101	3.779	2.973	2.569	2.327	2.166	2.051	1.964	1.897	1.842	1.798	1.761	1.729
20	27.245	6.103	3.778	2.970	2.566	2.324	2.162	2.047	1.960	1.892	1.838	1.793	1.756	1.724
21	27.278	6.106	3.777	2.968	2.564	2.321	2.159	2.043	1.956	1.888	1.833	1.788	1.751	1.719
22	27.309	6.108	3.776	2.967	2.561	2.318	2.156	2.040	1.952	1.884	1.829	1.784	1.747	1.715
23	27.337	6.110	3.776	2.965	2.559	2.316	2.153	2.037	1.949	1.881	1.826	1.781	1.743	1.711
24	27.363	6.112	3.775	2.964	2.557	2.313	2.150	2.034	1.946	1.877	1.822	1.777	1.739	1.707
25	27.386	6.113	3.775	2.962	2.555	2.311	2.148	2.031	1.943	1.874	1.819	1.774	1.736	1.704
26	27.408	6.115	3.774	2.961	2.553	2.309	2.146	2.029	1.940	1.872	1.816	1.771	1.733	1.700
27	27.428	6.116	3.774	2.960	2.552	2.307	2.143	2.026	1.938	1.869	1.814	1.768	1.730	1.697
28	27.447	6.117	3.773	2.959	2.550	2.305	2.142	2.024	1.936	1.867	1.811	1.765	1.727	1.695
29	27.465	6.119	3.773	2.958	2.549	2.304	2.140	2.022	1.934	1.864	1.809	1.763	1.725	1.692
30	27.481	6.120	3.772	2.957	2.548	2.302	2.138	2.020	1.932	1.862	1.806	1.761	1.722	1.689
31	27.496	6.121	3.772	2.956	2.546	2.301	2.136	2.018	1.930	1.860	1.804	1.758	1.720	1.687
32	27.511	6.122	3.772	2.955	2.545	2.299	2.135	2.017	1.928	1.858	1.802	1.756	1.718	1.685
33	27.524	6.123	3.771	2.954	2.544	2.298	2.133	2.015	1.926	1.857	1.801	1.754	1.716	1.683
34	27.537	6.124	3.771	2.953	2.543	2.297	2.132	2.014	1.925	1.855	1.799	1.753	1.714	1.681
35	27.549	6.125	3.771	2.953	2.542	2.296	2.131	2.012	1.923	1.853	1.797	1.751	1.712	1.679
40	27.600	6.128	3.770	2.950	2.538	2.291	2.125	2.006	1.917	1.846	1.790	1.743	1.704	1.671
50	27.672	6.133	3.768	2.945	2.532	2.284	2.117	1.998	1.907	1.837	1.780	1.733	1.693	1.660
60	27.719	6.136	3.767	2.942	2.528	2.279	2.112	1.992	1.901	1.830	1.773	1.725	1.686	1.652
70	27.754	6.139	3.766	2.940	2.525	2.276	2.108	1.988	1.897	1.825	1.768	1.720	1.680	1.646
80	27.779	6.141	3.765	2.939	2.523	2.273	2.105	1.985	1.893	1.822	1.764	1.716	1.676	1.642
90	27.799	6.142	3.765	2.937	2.522	2.271	2.103	1.982	1.891	1.819	1.761	1.713	1.673	1.638
100	27.815	6.143	3.764	2.936	2.520	2.269	2.101	1.980	1.888	1.817	1.758	1.710	1.670	1.636

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	2.302	2.287	2.273	2.261	2.251	2.241	2.233	2.225	2.218	2.212	2.206	2.200	2.195	2.191
2	2.159	2.141	2.125	2.112	2.100	2.089	2.079	2.071	2.063	2.055	2.049	2.043	2.037	2.032
3	2.050	2.032	2.015	2.001	1.988	1.976	1.966	1.957	1.948	1.941	1.933	1.927	1.921	1.915
4	1.976	1.957	1.940	1.925	1.911	1.899	1.888	1.879	1.870	1.862	1.854	1.848	1.841	1.836
5	1.923	1.903	1.885	1.869	1.856	1.843	1.832	1.822	1.813	1.805	1.797	1.790	1.784	1.778

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	1.882	1.862	1.844	1.828	1.814	1.801	1.790	1.779	1.770	1.761	1.754	1.746	1.740	1.734
7	1.851	1.830	1.811	1.795	1.781	1.768	1.756	1.746	1.736	1.727	1.719	1.712	1.705	1.699
8	1.825	1.804	1.785	1.769	1.754	1.741	1.729	1.718	1.708	1.700	1.691	1.684	1.677	1.671
9	1.804	1.783	1.764	1.747	1.732	1.718	1.706	1.696	1.686	1.677	1.668	1.661	1.654	1.647
10	1.787	1.765	1.745	1.728	1.713	1.700	1.688	1.676	1.666	1.657	1.649	1.641	1.634	1.627
11	1.772	1.750	1.730	1.713	1.697	1.684	1.671	1.660	1.650	1.641	1.632	1.624	1.617	1.610
12	1.759	1.736	1.717	1.699	1.684	1.670	1.657	1.646	1.636	1.626	1.618	1.610	1.602	1.596
13	1.748	1.725	1.705	1.687	1.672	1.658	1.645	1.634	1.623	1.614	1.605	1.597	1.589	1.583
14	1.738	1.715	1.695	1.677	1.661	1.647	1.634	1.623	1.612	1.603	1.594	1.586	1.578	1.571
15	1.729	1.706	1.686	1.668	1.652	1.638	1.625	1.613	1.602	1.593	1.584	1.576	1.568	1.561
16	1.721	1.698	1.677	1.659	1.643	1.629	1.616	1.604	1.594	1.584	1.575	1.567	1.559	1.552
17	1.714	1.691	1.670	1.652	1.636	1.621	1.608	1.596	1.586	1.576	1.567	1.558	1.551	1.544
18	1.708	1.684	1.664	1.645	1.629	1.614	1.601	1.589	1.578	1.569	1.559	1.551	1.543	1.536
19	1.702	1.678	1.657	1.639	1.623	1.608	1.595	1.583	1.572	1.562	1.553	1.544	1.536	1.529
20	1.697	1.673	1.652	1.634	1.617	1.602	1.589	1.577	1.566	1.556	1.547	1.538	1.530	1.523
21	1.692	1.668	1.647	1.628	1.612	1.597	1.584	1.571	1.560	1.550	1.541	1.532	1.524	1.517
22	1.687	1.663	1.642	1.624	1.607	1.592	1.579	1.566	1.555	1.545	1.536	1.527	1.519	1.512
23	1.683	1.659	1.638	1.619	1.603	1.588	1.574	1.562	1.551	1.540	1.531	1.522	1.514	1.507
24	1.679	1.655	1.634	1.615	1.598	1.583	1.570	1.558	1.546	1.536	1.527	1.518	1.510	1.502
25	1.676	1.652	1.630	1.611	1.595	1.580	1.566	1.554	1.542	1.532	1.522	1.514	1.505	1.498
26	1.672	1.648	1.627	1.608	1.591	1.576	1.562	1.550	1.538	1.528	1.518	1.510	1.501	1.494
27	1.669	1.645	1.624	1.605	1.588	1.572	1.559	1.546	1.535	1.524	1.515	1.506	1.498	1.490
28	1.666	1.642	1.621	1.602	1.585	1.569	1.556	1.543	1.532	1.521	1.511	1.503	1.494	1.487
29	1.664	1.639	1.618	1.599	1.582	1.566	1.552	1.540	1.528	1.518	1.508	1.499	1.491	1.483
30	1.661	1.637	1.615	1.596	1.579	1.563	1.550	1.537	1.525	1.515	1.505	1.496	1.488	1.480
31	1.659	1.634	1.613	1.593	1.576	1.561	1.547	1.534	1.523	1.512	1.502	1.493	1.485	1.477
32	1.657	1.632	1.610	1.591	1.574	1.558	1.544	1.532	1.520	1.509	1.500	1.491	1.482	1.475
33	1.654	1.630	1.608	1.589	1.571	1.556	1.542	1.529	1.518	1.507	1.497	1.488	1.480	1.472
34	1.652	1.628	1.606	1.587	1.569	1.554	1.540	1.527	1.515	1.505	1.495	1.486	1.477	1.469
35	1.651	1.626	1.604	1.584	1.567	1.552	1.538	1.525	1.513	1.502	1.492	1.483	1.475	1.467
40	1.642	1.617	1.595	1.576	1.558	1.542	1.528	1.515	1.503	1.493	1.483	1.473	1.465	1.457
50	1.631	1.605	1.583	1.563	1.545	1.529	1.515	1.501	1.489	1.478	1.468	1.459	1.450	1.442
60	1.622	1.597	1.574	1.554	1.536	1.520	1.505	1.492	1.480	1.469	1.458	1.449	1.440	1.431
70	1.617	1.591	1.568	1.548	1.530	1.513	1.499	1.485	1.473	1.461	1.451	1.441	1.432	1.424
80	1.612	1.586	1.563	1.543	1.525	1.508	1.493	1.480	1.467	1.456	1.445	1.436	1.426	1.418
90	1.609	1.583	1.560	1.539	1.521	1.504	1.489	1.476	1.463	1.452	1.441	1.431	1.422	1.413
100	1.606	1.580	1.557	1.536	1.518	1.501	1.486	1.472	1.460	1.448	1.437	1.427	1.418	1.410

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	2.187	2.183	2.179	2.175	2.172	2.169	2.166	2.154	2.137	2.126	2.118	2.113	2.108	2.104
2	2.027	2.022	2.018	2.014	2.010	2.007	2.004	1.990	1.971	1.958	1.949	1.943	1.938	1.934
3	1.910	1.905	1.901	1.897	1.893	1.889	1.886	1.871	1.851	1.837	1.828	1.821	1.815	1.811
4	1.830	1.825	1.821	1.816	1.812	1.808	1.805	1.789	1.768	1.754	1.744	1.737	1.731	1.727
5	1.772	1.767	1.762	1.758	1.753	1.749	1.746	1.730	1.708	1.694	1.683	1.676	1.670	1.665
6	1.728	1.723	1.718	1.713	1.709	1.705	1.701	1.684	1.662	1.647	1.637	1.629	1.623	1.618
7	1.693	1.688	1.682	1.678	1.673	1.669	1.665	1.649	1.625	1.610	1.599	1.591	1.585	1.580
8	1.665	1.659	1.654	1.649	1.644	1.640	1.636	1.619	1.596	1.580	1.569	1.561	1.554	1.549
9	1.641	1.635	1.630	1.625	1.621	1.616	1.612	1.595	1.571	1.555	1.543	1.535	1.528	1.523
10	1.621	1.615	1.610	1.605	1.600	1.596	1.592	1.574	1.550	1.533	1.522	1.513	1.507	1.501
11	1.604	1.598	1.593	1.588	1.583	1.578	1.574	1.556	1.531	1.515	1.503	1.494	1.488	1.482
12	1.589	1.583	1.578	1.573	1.568	1.563	1.559	1.541	1.516	1.499	1.487	1.478	1.471	1.465

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	1.576	1.570	1.565	1.559	1.555	1.550	1.546	1.527	1.502	1.485	1.472	1.463	1.456	1.451
14	1.565	1.559	1.553	1.548	1.543	1.538	1.534	1.515	1.489	1.472	1.460	1.450	1.443	1.438
15	1.554	1.548	1.543	1.537	1.532	1.528	1.523	1.504	1.478	1.461	1.448	1.439	1.432	1.426
16	1.545	1.539	1.533	1.528	1.523	1.518	1.514	1.495	1.468	1.450	1.438	1.428	1.421	1.415
17	1.537	1.531	1.525	1.519	1.514	1.509	1.505	1.486	1.459	1.441	1.428	1.419	1.411	1.405
18	1.529	1.523	1.517	1.512	1.507	1.502	1.497	1.478	1.451	1.433	1.420	1.410	1.402	1.396
19	1.522	1.516	1.510	1.505	1.499	1.495	1.490	1.470	1.443	1.425	1.412	1.402	1.394	1.388
20	1.516	1.510	1.504	1.498	1.493	1.488	1.483	1.464	1.436	1.418	1.404	1.395	1.387	1.381
21	1.510	1.504	1.498	1.492	1.487	1.482	1.477	1.457	1.430	1.411	1.398	1.388	1.380	1.374
22	1.505	1.498	1.492	1.487	1.481	1.476	1.472	1.452	1.424	1.405	1.392	1.381	1.374	1.367
23	1.500	1.493	1.487	1.482	1.476	1.471	1.467	1.446	1.418	1.399	1.386	1.376	1.368	1.361
24	1.495	1.489	1.483	1.477	1.471	1.466	1.462	1.441	1.413	1.394	1.380	1.370	1.362	1.356
25	1.491	1.484	1.478	1.472	1.467	1.462	1.457	1.437	1.408	1.389	1.375	1.365	1.357	1.350
26	1.487	1.480	1.474	1.468	1.463	1.458	1.453	1.432	1.404	1.384	1.370	1.360	1.352	1.345
27	1.483	1.476	1.470	1.464	1.459	1.454	1.449	1.428	1.399	1.380	1.366	1.355	1.347	1.341
28	1.480	1.473	1.467	1.461	1.455	1.450	1.445	1.425	1.395	1.376	1.362	1.351	1.343	1.336
29	1.476	1.470	1.463	1.457	1.452	1.447	1.442	1.421	1.392	1.372	1.358	1.347	1.339	1.332
30	1.473	1.466	1.460	1.454	1.449	1.443	1.438	1.418	1.388	1.368	1.354	1.343	1.335	1.328
31	1.470	1.463	1.457	1.451	1.446	1.440	1.435	1.414	1.385	1.365	1.350	1.340	1.331	1.324
32	1.467	1.461	1.454	1.448	1.443	1.437	1.432	1.411	1.381	1.361	1.347	1.336	1.328	1.321
33	1.465	1.458	1.451	1.446	1.440	1.435	1.430	1.408	1.378	1.358	1.344	1.333	1.324	1.317
34	1.462	1.455	1.449	1.443	1.437	1.432	1.427	1.406	1.376	1.355	1.341	1.330	1.321	1.314
35	1.460	1.453	1.446	1.440	1.435	1.429	1.424	1.403	1.373	1.353	1.338	1.327	1.318	1.311
40	1.449	1.442	1.436	1.430	1.424	1.419	1.414	1.392	1.361	1.340	1.325	1.314	1.305	1.298
50	1.434	1.427	1.420	1.414	1.408	1.403	1.398	1.375	1.343	1.322	1.306	1.294	1.285	1.278
60	1.424	1.417	1.410	1.403	1.397	1.392	1.386	1.363	1.331	1.309	1.293	1.281	1.271	1.263
70	1.416	1.409	1.402	1.395	1.389	1.384	1.378	1.355	1.322	1.299	1.283	1.270	1.260	1.252
80	1.410	1.403	1.396	1.389	1.383	1.377	1.372	1.348	1.315	1.292	1.275	1.262	1.252	1.244
90	1.405	1.398	1.391	1.384	1.378	1.372	1.367	1.343	1.309	1.286	1.269	1.256	1.245	1.237
100	1.402	1.394	1.387	1.380	1.374	1.368	1.363	1.339	1.304	1.281	1.263	1.250	1.240	1.231

$x = 0.9$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	39.863	8.526	5.538	4.545	4.060	3.776	3.589	3.458	3.360	3.285	3.225	3.177	3.136	3.102
2	49.500	9.000	5.462	4.325	3.780	3.463	3.257	3.113	3.006	2.924	2.860	2.807	2.763	2.726
3	53.593	9.162	5.391	4.191	3.619	3.289	3.074	2.924	2.813	2.728	2.660	2.606	2.560	2.522
4	55.833	9.243	5.343	4.107	3.520	3.181	2.961	2.806	2.693	2.605	2.536	2.480	2.434	2.395
5	57.240	9.293	5.309	4.051	3.453	3.108	2.883	2.726	2.611	2.522	2.451	2.394	2.347	2.307
6	58.204	9.326	5.285	4.010	3.405	3.055	2.827	2.668	2.551	2.461	2.389	2.331	2.283	2.243
7	58.906	9.349	5.266	3.979	3.368	3.014	2.785	2.624	2.505	2.414	2.342	2.283	2.234	2.193
8	59.439	9.367	5.252	3.955	3.339	2.983	2.752	2.589	2.469	2.377	2.304	2.245	2.195	2.154
9	59.858	9.381	5.240	3.936	3.316	2.958	2.725	2.561	2.440	2.347	2.274	2.214	2.164	2.122
10	60.195	9.392	5.230	3.920	3.297	2.937	2.703	2.538	2.416	2.323	2.248	2.188	2.138	2.095
11	60.473	9.401	5.222	3.907	3.282	2.920	2.684	2.519	2.396	2.302	2.227	2.166	2.116	2.073
12	60.705	9.408	5.216	3.896	3.268	2.905	2.668	2.502	2.379	2.284	2.209	2.147	2.097	2.054
13	60.903	9.415	5.210	3.886	3.257	2.892	2.654	2.488	2.364	2.269	2.193	2.131	2.080	2.037
14	61.073	9.420	5.205	3.878	3.247	2.881	2.643	2.475	2.351	2.255	2.179	2.117	2.066	2.022
15	61.220	9.425	5.200	3.870	3.238	2.871	2.632	2.464	2.340	2.244	2.167	2.105	2.053	2.010
16	61.350	9.429	5.196	3.864	3.230	2.863	2.623	2.455	2.329	2.233	2.156	2.094	2.042	1.998
17	61.464	9.433	5.193	3.858	3.223	2.855	2.615	2.446	2.320	2.224	2.147	2.084	2.032	1.988
18	61.566	9.436	5.190	3.853	3.217	2.848	2.607	2.438	2.312	2.215	2.138	2.075	2.023	1.978
19	61.658	9.439	5.187	3.849	3.212	2.842	2.601	2.431	2.305	2.208	2.130	2.067	2.014	1.970
20	61.740	9.441	5.184	3.844	3.207	2.836	2.595	2.425	2.298	2.201	2.123	2.060	2.007	1.962
21	61.815	9.444	5.182	3.841	3.202	2.831	2.589	2.419	2.292	2.194	2.117	2.053	2.000	1.955
22	61.883	9.446	5.180	3.837	3.198	2.827	2.584	2.413	2.287	2.189	2.111	2.047	1.994	1.949
23	61.945	9.448	5.178	3.834	3.194	2.822	2.580	2.409	2.282	2.183	2.105	2.041	1.988	1.943
24	62.002	9.450	5.176	3.831	3.191	2.818	2.575	2.404	2.277	2.178	2.100	2.036	1.983	1.938
25	62.055	9.451	5.175	3.828	3.187	2.815	2.571	2.400	2.272	2.174	2.095	2.031	1.978	1.933
26	62.103	9.453	5.173	3.826	3.184	2.811	2.568	2.396	2.268	2.170	2.091	2.027	1.973	1.928
27	62.148	9.454	5.172	3.823	3.181	2.808	2.564	2.392	2.265	2.166	2.087	2.022	1.969	1.923
28	62.190	9.456	5.170	3.821	3.179	2.805	2.561	2.389	2.261	2.162	2.083	2.019	1.965	1.919
29	62.229	9.457	5.169	3.819	3.176	2.803	2.558	2.386	2.258	2.159	2.080	2.015	1.961	1.916
30	62.265	9.458	5.168	3.817	3.174	2.800	2.555	2.383	2.255	2.155	2.076	2.011	1.958	1.912
31	62.299	9.459	5.167	3.816	3.172	2.798	2.553	2.380	2.252	2.152	2.073	2.008	1.954	1.909
32	62.331	9.460	5.166	3.814	3.170	2.795	2.550	2.378	2.249	2.150	2.070	2.005	1.951	1.905
33	62.361	9.461	5.165	3.812	3.168	2.793	2.548	2.375	2.247	2.147	2.067	2.002	1.948	1.902
34	62.389	9.462	5.164	3.811	3.166	2.791	2.546	2.373	2.244	2.144	2.065	2.000	1.945	1.899
35	62.416	9.463	5.163	3.810	3.165	2.789	2.544	2.371	2.242	2.142	2.062	1.997	1.943	1.897
40	62.529	9.466	5.160	3.804	3.157	2.781	2.535	2.361	2.232	2.132	2.052	1.986	1.931	1.885
50	62.688	9.471	5.155	3.795	3.147	2.770	2.523	2.348	2.218	2.117	2.036	1.970	1.915	1.869
60	62.794	9.475	5.151	3.790	3.140	2.762	2.514	2.339	2.208	2.107	2.026	1.960	1.904	1.857
70	62.870	9.477	5.149	3.786	3.135	2.756	2.508	2.333	2.202	2.100	2.019	1.952	1.896	1.849
80	62.927	9.479	5.147	3.782	3.132	2.752	2.504	2.328	2.196	2.095	2.013	1.946	1.890	1.843
90	62.972	9.480	5.145	3.780	3.129	2.749	2.500	2.324	2.192	2.090	2.009	1.942	1.886	1.838
100	63.007	9.481	5.144	3.778	3.126	2.746	2.497	2.321	2.189	2.087	2.005	1.938	1.882	1.834

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	3.073	3.048	3.026	3.007	2.990	2.975	2.961	2.949	2.937	2.927	2.918	2.909	2.901	2.894
2	2.695	2.668	2.645	2.624	2.606	2.589	2.575	2.561	2.549	2.538	2.528	2.519	2.511	2.503
3	2.490	2.462	2.437	2.416	2.397	2.380	2.365	2.351	2.339	2.327	2.317	2.307	2.299	2.291
4	2.361	2.333	2.308	2.286	2.266	2.249	2.233	2.219	2.207	2.195	2.184	2.174	2.165	2.157
5	2.273	2.244	2.218	2.196	2.176	2.158	2.142	2.128	2.115	2.103	2.092	2.082	2.073	2.064

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	2.208	2.178	2.152	2.130	2.109	2.091	2.075	2.060	2.047	2.035	2.024	2.014	2.005	1.996
7	2.158	2.128	2.102	2.079	2.058	2.040	2.023	2.008	1.995	1.983	1.971	1.961	1.952	1.943
8	2.119	2.088	2.061	2.038	2.017	1.999	1.982	1.967	1.953	1.941	1.929	1.919	1.909	1.900
9	2.086	2.055	2.028	2.005	1.984	1.965	1.948	1.933	1.919	1.906	1.895	1.884	1.874	1.865
10	2.059	2.028	2.001	1.977	1.956	1.937	1.920	1.904	1.890	1.877	1.866	1.855	1.845	1.836
11	2.037	2.005	1.978	1.954	1.932	1.913	1.896	1.880	1.866	1.853	1.841	1.830	1.820	1.811
12	2.017	1.985	1.958	1.933	1.912	1.892	1.875	1.859	1.845	1.832	1.820	1.809	1.799	1.790
13	2.000	1.968	1.940	1.916	1.894	1.875	1.857	1.841	1.827	1.814	1.802	1.790	1.780	1.771
14	1.985	1.953	1.925	1.900	1.878	1.859	1.841	1.825	1.811	1.797	1.785	1.774	1.764	1.754
15	1.972	1.940	1.912	1.887	1.865	1.845	1.827	1.811	1.796	1.783	1.771	1.760	1.749	1.740
16	1.961	1.928	1.900	1.875	1.852	1.833	1.815	1.798	1.784	1.770	1.758	1.747	1.736	1.726
17	1.950	1.917	1.889	1.864	1.841	1.821	1.803	1.787	1.772	1.759	1.746	1.735	1.724	1.715
18	1.941	1.908	1.879	1.854	1.831	1.811	1.793	1.777	1.762	1.748	1.736	1.724	1.714	1.704
19	1.932	1.899	1.870	1.845	1.822	1.802	1.784	1.768	1.753	1.739	1.726	1.715	1.704	1.694
20	1.924	1.891	1.862	1.837	1.814	1.794	1.776	1.759	1.744	1.730	1.718	1.706	1.695	1.685
21	1.917	1.884	1.855	1.829	1.807	1.786	1.768	1.751	1.736	1.722	1.710	1.698	1.687	1.677
22	1.911	1.877	1.848	1.823	1.800	1.779	1.761	1.744	1.729	1.715	1.702	1.690	1.680	1.669
23	1.905	1.871	1.842	1.816	1.793	1.773	1.754	1.737	1.722	1.708	1.695	1.683	1.673	1.662
24	1.899	1.866	1.836	1.810	1.787	1.767	1.748	1.731	1.716	1.702	1.689	1.677	1.666	1.656
25	1.894	1.860	1.831	1.805	1.782	1.761	1.742	1.726	1.710	1.696	1.683	1.671	1.660	1.650
26	1.889	1.855	1.826	1.800	1.777	1.756	1.737	1.720	1.705	1.691	1.678	1.666	1.655	1.644
27	1.885	1.851	1.821	1.795	1.772	1.751	1.732	1.715	1.700	1.686	1.672	1.660	1.649	1.639
28	1.880	1.847	1.817	1.791	1.767	1.746	1.728	1.711	1.695	1.681	1.668	1.656	1.645	1.634
29	1.876	1.843	1.813	1.787	1.763	1.742	1.723	1.706	1.691	1.676	1.663	1.651	1.640	1.630
30	1.873	1.839	1.809	1.783	1.759	1.738	1.719	1.702	1.686	1.672	1.659	1.647	1.636	1.625
31	1.869	1.835	1.805	1.779	1.756	1.734	1.715	1.698	1.683	1.668	1.655	1.643	1.632	1.621
32	1.866	1.832	1.802	1.776	1.752	1.731	1.712	1.695	1.679	1.664	1.651	1.639	1.628	1.617
33	1.863	1.829	1.799	1.772	1.749	1.728	1.708	1.691	1.675	1.661	1.648	1.635	1.624	1.614
34	1.860	1.826	1.796	1.769	1.746	1.724	1.705	1.688	1.672	1.658	1.644	1.632	1.621	1.610
35	1.857	1.823	1.793	1.766	1.743	1.721	1.702	1.685	1.669	1.654	1.641	1.629	1.617	1.607
40	1.845	1.811	1.781	1.754	1.730	1.708	1.689	1.671	1.655	1.641	1.627	1.615	1.603	1.592
50	1.828	1.793	1.763	1.736	1.711	1.690	1.670	1.652	1.636	1.621	1.607	1.594	1.583	1.572
60	1.817	1.782	1.751	1.723	1.699	1.677	1.657	1.639	1.622	1.607	1.593	1.581	1.569	1.558
70	1.808	1.773	1.742	1.714	1.690	1.667	1.647	1.629	1.613	1.597	1.583	1.570	1.558	1.547
80	1.802	1.766	1.735	1.707	1.683	1.660	1.640	1.622	1.605	1.590	1.576	1.562	1.550	1.539
90	1.797	1.761	1.730	1.702	1.677	1.655	1.634	1.616	1.599	1.584	1.569	1.556	1.544	1.533
100	1.793	1.757	1.726	1.698	1.673	1.650	1.630	1.611	1.594	1.579	1.565	1.551	1.539	1.528

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	2.887	2.881	2.875	2.869	2.864	2.859	2.855	2.835	2.809	2.791	2.779	2.769	2.762	2.756
2	2.495	2.489	2.482	2.477	2.471	2.466	2.461	2.440	2.412	2.393	2.380	2.370	2.363	2.356
3	2.283	2.276	2.270	2.263	2.258	2.252	2.247	2.226	2.197	2.177	2.164	2.154	2.146	2.139
4	2.149	2.142	2.136	2.129	2.123	2.118	2.113	2.091	2.061	2.041	2.027	2.016	2.008	2.002
5	2.057	2.049	2.042	2.036	2.030	2.024	2.019	1.997	1.966	1.946	1.931	1.921	1.912	1.906
6	1.988	1.980	1.973	1.967	1.961	1.955	1.950	1.927	1.895	1.875	1.860	1.849	1.841	1.834
7	1.935	1.927	1.920	1.913	1.907	1.901	1.896	1.873	1.840	1.819	1.804	1.793	1.785	1.778
8	1.892	1.884	1.877	1.870	1.864	1.858	1.852	1.829	1.796	1.775	1.760	1.748	1.739	1.732
9	1.857	1.849	1.842	1.835	1.828	1.822	1.817	1.793	1.760	1.738	1.723	1.711	1.702	1.695
10	1.827	1.819	1.812	1.805	1.799	1.793	1.787	1.763	1.729	1.707	1.691	1.680	1.670	1.663
11	1.802	1.794	1.787	1.780	1.773	1.767	1.761	1.737	1.703	1.680	1.665	1.653	1.643	1.636
12	1.781	1.773	1.765	1.758	1.751	1.745	1.739	1.715	1.680	1.657	1.641	1.629	1.620	1.612

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	1.762	1.754	1.746	1.739	1.732	1.726	1.720	1.695	1.660	1.637	1.621	1.609	1.599	1.592
14	1.745	1.737	1.729	1.722	1.715	1.709	1.703	1.678	1.643	1.619	1.603	1.590	1.581	1.573
15	1.731	1.722	1.714	1.707	1.700	1.694	1.688	1.662	1.627	1.603	1.587	1.574	1.564	1.557
16	1.717	1.709	1.701	1.694	1.687	1.680	1.674	1.649	1.613	1.589	1.572	1.559	1.550	1.542
17	1.705	1.697	1.689	1.682	1.675	1.668	1.662	1.636	1.600	1.576	1.559	1.546	1.536	1.528
18	1.695	1.686	1.678	1.671	1.664	1.657	1.651	1.625	1.588	1.564	1.547	1.534	1.524	1.516
19	1.685	1.676	1.668	1.661	1.654	1.647	1.641	1.615	1.578	1.553	1.536	1.523	1.513	1.505
20	1.676	1.667	1.659	1.652	1.645	1.638	1.632	1.605	1.568	1.543	1.526	1.513	1.503	1.494
21	1.668	1.659	1.651	1.643	1.636	1.630	1.623	1.596	1.559	1.534	1.517	1.503	1.493	1.485
22	1.660	1.651	1.643	1.636	1.628	1.622	1.615	1.588	1.551	1.526	1.508	1.495	1.484	1.476
23	1.653	1.644	1.636	1.628	1.621	1.614	1.608	1.581	1.543	1.518	1.500	1.487	1.476	1.468
24	1.647	1.638	1.630	1.622	1.615	1.608	1.601	1.574	1.536	1.511	1.493	1.479	1.468	1.460
25	1.640	1.632	1.623	1.616	1.608	1.601	1.595	1.568	1.529	1.504	1.486	1.472	1.461	1.453
26	1.635	1.626	1.618	1.610	1.603	1.596	1.589	1.562	1.523	1.498	1.479	1.465	1.455	1.446
27	1.630	1.621	1.612	1.604	1.597	1.590	1.584	1.556	1.517	1.492	1.473	1.459	1.448	1.440
28	1.625	1.616	1.607	1.599	1.592	1.585	1.579	1.551	1.512	1.486	1.467	1.453	1.442	1.434
29	1.620	1.611	1.602	1.595	1.587	1.580	1.574	1.546	1.507	1.481	1.462	1.448	1.437	1.428
30	1.616	1.606	1.598	1.590	1.583	1.576	1.569	1.541	1.502	1.476	1.457	1.443	1.432	1.423
31	1.611	1.602	1.594	1.586	1.578	1.571	1.565	1.537	1.497	1.471	1.452	1.438	1.427	1.418
32	1.607	1.598	1.590	1.582	1.574	1.567	1.561	1.532	1.493	1.466	1.447	1.433	1.422	1.413
33	1.604	1.595	1.586	1.578	1.571	1.564	1.557	1.528	1.489	1.462	1.443	1.429	1.417	1.408
34	1.600	1.591	1.583	1.575	1.567	1.560	1.553	1.525	1.485	1.458	1.439	1.424	1.413	1.404
35	1.597	1.588	1.579	1.571	1.564	1.556	1.550	1.521	1.481	1.454	1.435	1.420	1.409	1.400
40	1.583	1.573	1.565	1.556	1.549	1.541	1.535	1.506	1.465	1.437	1.418	1.403	1.391	1.382
50	1.562	1.552	1.543	1.535	1.527	1.520	1.513	1.483	1.441	1.413	1.392	1.377	1.365	1.355
60	1.547	1.538	1.529	1.520	1.512	1.505	1.497	1.467	1.424	1.395	1.374	1.358	1.346	1.336
70	1.537	1.527	1.518	1.509	1.501	1.493	1.486	1.455	1.412	1.382	1.361	1.344	1.332	1.321
80	1.529	1.519	1.509	1.501	1.493	1.485	1.478	1.447	1.402	1.372	1.350	1.334	1.321	1.310
90	1.522	1.512	1.503	1.494	1.486	1.478	1.471	1.439	1.395	1.364	1.342	1.325	1.312	1.301
100	1.517	1.507	1.498	1.489	1.480	1.473	1.465	1.434	1.388	1.358	1.335	1.318	1.304	1.293

$x = 0.95$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	161.448	18.513	10.128	7.709	6.608	5.987	5.591	5.318	5.117	4.965	4.844	4.747	4.667	4.600
2	199.500	19.000	9.552	6.944	5.786	5.143	4.737	4.459	4.256	4.103	3.982	3.885	3.806	3.739
3	215.707	19.164	9.277	6.591	5.409	4.757	4.347	4.066	3.863	3.708	3.587	3.490	3.411	3.344
4	224.583	19.247	9.117	6.388	5.192	4.534	4.120	3.838	3.633	3.478	3.357	3.259	3.179	3.112
5	230.162	19.296	9.013	6.256	5.050	4.387	3.972	3.687	3.482	3.326	3.204	3.106	3.025	2.958
6	233.986	19.330	8.941	6.163	4.950	4.284	3.866	3.581	3.374	3.217	3.095	2.996	2.915	2.848
7	236.768	19.353	8.887	6.094	4.876	4.207	3.787	3.500	3.293	3.135	3.012	2.913	2.832	2.764
8	238.883	19.371	8.845	6.041	4.818	4.147	3.726	3.438	3.230	3.072	2.948	2.849	2.767	2.699
9	240.543	19.385	8.812	5.999	4.772	4.099	3.677	3.388	3.179	3.020	2.896	2.796	2.714	2.646
10	241.882	19.396	8.786	5.964	4.735	4.060	3.637	3.347	3.137	2.978	2.854	2.753	2.671	2.602
11	242.983	19.405	8.763	5.936	4.704	4.027	3.603	3.313	3.102	2.943	2.818	2.717	2.635	2.565
12	243.906	19.413	8.745	5.912	4.678	4.000	3.575	3.284	3.073	2.913	2.788	2.687	2.604	2.534
13	244.690	19.419	8.729	5.891	4.655	3.976	3.550	3.259	3.048	2.887	2.761	2.660	2.577	2.507
14	245.364	19.424	8.715	5.873	4.636	3.956	3.529	3.237	3.025	2.865	2.739	2.637	2.554	2.484
15	245.950	19.429	8.703	5.858	4.619	3.938	3.511	3.218	3.006	2.845	2.719	2.617	2.533	2.463
16	246.464	19.433	8.692	5.844	4.604	3.922	3.494	3.202	2.989	2.828	2.701	2.599	2.515	2.445
17	246.918	19.437	8.683	5.832	4.590	3.908	3.480	3.187	2.974	2.812	2.685	2.583	2.499	2.428
18	247.323	19.440	8.675	5.821	4.579	3.896	3.467	3.173	2.960	2.798	2.671	2.568	2.484	2.413
19	247.686	19.443	8.667	5.811	4.568	3.884	3.455	3.161	2.948	2.785	2.658	2.555	2.471	2.400
20	248.013	19.446	8.660	5.803	4.558	3.874	3.445	3.150	2.936	2.774	2.646	2.544	2.459	2.388
21	248.309	19.448	8.654	5.795	4.549	3.865	3.435	3.140	2.926	2.764	2.636	2.533	2.448	2.377
22	248.579	19.450	8.648	5.787	4.541	3.856	3.426	3.131	2.917	2.754	2.626	2.523	2.438	2.367
23	248.826	19.452	8.643	5.781	4.534	3.849	3.418	3.123	2.908	2.745	2.617	2.514	2.429	2.357
24	249.052	19.454	8.639	5.774	4.527	3.841	3.410	3.115	2.900	2.737	2.609	2.505	2.420	2.349
25	249.260	19.456	8.634	5.769	4.521	3.835	3.404	3.108	2.893	2.730	2.601	2.498	2.412	2.341
26	249.453	19.457	8.630	5.763	4.515	3.829	3.397	3.102	2.886	2.723	2.594	2.491	2.405	2.333
27	249.631	19.459	8.626	5.759	4.510	3.823	3.391	3.095	2.880	2.716	2.588	2.484	2.398	2.326
28	249.797	19.460	8.623	5.754	4.505	3.818	3.386	3.090	2.874	2.710	2.582	2.478	2.392	2.320
29	249.951	19.461	8.620	5.750	4.500	3.813	3.381	3.084	2.869	2.705	2.576	2.472	2.386	2.314
30	250.095	19.462	8.617	5.746	4.496	3.808	3.376	3.079	2.864	2.700	2.570	2.466	2.380	2.308
31	250.230	19.463	8.614	5.742	4.492	3.804	3.371	3.075	2.859	2.695	2.565	2.461	2.375	2.303
32	250.357	19.464	8.611	5.739	4.488	3.800	3.367	3.070	2.854	2.690	2.561	2.456	2.370	2.298
33	250.476	19.465	8.609	5.735	4.484	3.796	3.363	3.066	2.850	2.686	2.556	2.452	2.366	2.293
34	250.588	19.466	8.606	5.732	4.481	3.792	3.359	3.062	2.846	2.681	2.552	2.447	2.361	2.289
35	250.693	19.467	8.604	5.729	4.478	3.789	3.356	3.059	2.842	2.678	2.548	2.443	2.357	2.284
40	251.143	19.471	8.594	5.717	4.464	3.774	3.340	3.043	2.826	2.661	2.531	2.426	2.339	2.266
50	251.774	19.476	8.581	5.699	4.444	3.754	3.319	3.020	2.803	2.637	2.507	2.401	2.314	2.241
60	252.196	19.479	8.572	5.688	4.431	3.740	3.304	3.005	2.787	2.621	2.490	2.384	2.297	2.223
70	252.497	19.481	8.566	5.679	4.422	3.730	3.294	2.994	2.776	2.610	2.478	2.372	2.284	2.210
80	252.724	19.483	8.561	5.673	4.415	3.722	3.286	2.986	2.768	2.601	2.469	2.363	2.275	2.201
90	252.900	19.485	8.557	5.668	4.409	3.716	3.280	2.980	2.761	2.594	2.462	2.356	2.267	2.193
100	253.041	19.486	8.554	5.664	4.405	3.712	3.275	2.975	2.756	2.588	2.457	2.350	2.261	2.187

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	4.543	4.494	4.451	4.414	4.381	4.351	4.325	4.301	4.279	4.260	4.242	4.225	4.210	4.196
2	3.682	3.634	3.592	3.555	3.522	3.493	3.467	3.443	3.422	3.403	3.385	3.369	3.354	3.340
3	3.287	3.239	3.197	3.160	3.127	3.098	3.072	3.049	3.028	3.009	2.991	2.975	2.960	2.947
4	3.056	3.007	2.965	2.928	2.895	2.866	2.840	2.817	2.796	2.776	2.759	2.743	2.728	2.714
5	2.901	2.852	2.810	2.773	2.740	2.711	2.685	2.661	2.640	2.621	2.603	2.587	2.572	2.558

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	2.790	2.741	2.699	2.661	2.628	2.599	2.573	2.549	2.528	2.508	2.490	2.474	2.459	2.445
7	2.707	2.657	2.614	2.577	2.544	2.514	2.488	2.464	2.442	2.423	2.405	2.388	2.373	2.359
8	2.641	2.591	2.548	2.510	2.477	2.447	2.420	2.397	2.375	2.355	2.337	2.321	2.305	2.291
9	2.588	2.538	2.494	2.456	2.423	2.393	2.366	2.342	2.320	2.300	2.282	2.265	2.250	2.236
10	2.544	2.494	2.450	2.412	2.378	2.348	2.321	2.297	2.275	2.255	2.236	2.220	2.204	2.190
11	2.507	2.456	2.413	2.374	2.340	2.310	2.283	2.259	2.236	2.216	2.198	2.181	2.166	2.151
12	2.475	2.425	2.381	2.342	2.308	2.278	2.250	2.226	2.204	2.183	2.165	2.148	2.132	2.118
13	2.448	2.397	2.353	2.314	2.280	2.250	2.222	2.198	2.175	2.155	2.136	2.119	2.103	2.089
14	2.424	2.373	2.329	2.290	2.256	2.225	2.197	2.173	2.150	2.130	2.111	2.094	2.078	2.064
15	2.403	2.352	2.308	2.269	2.234	2.203	2.176	2.151	2.128	2.108	2.089	2.072	2.056	2.041
16	2.385	2.333	2.289	2.250	2.215	2.184	2.156	2.131	2.109	2.088	2.069	2.052	2.036	2.021
17	2.368	2.317	2.272	2.233	2.198	2.167	2.139	2.114	2.091	2.070	2.051	2.034	2.018	2.003
18	2.353	2.302	2.257	2.217	2.182	2.151	2.123	2.098	2.075	2.054	2.035	2.018	2.002	1.987
19	2.340	2.288	2.243	2.203	2.168	2.137	2.109	2.084	2.061	2.040	2.021	2.003	1.987	1.972
20	2.328	2.276	2.230	2.191	2.155	2.124	2.096	2.071	2.048	2.027	2.007	1.990	1.974	1.959
21	2.316	2.264	2.219	2.179	2.144	2.112	2.084	2.059	2.036	2.015	1.995	1.978	1.961	1.946
22	2.306	2.254	2.208	2.168	2.133	2.102	2.073	2.048	2.025	2.003	1.984	1.966	1.950	1.935
23	2.297	2.244	2.199	2.159	2.123	2.092	2.063	2.038	2.014	1.993	1.974	1.956	1.940	1.924
24	2.288	2.235	2.190	2.150	2.114	2.082	2.054	2.028	2.005	1.984	1.964	1.946	1.930	1.915
25	2.280	2.227	2.181	2.141	2.106	2.074	2.045	2.020	1.996	1.975	1.955	1.938	1.921	1.906
26	2.272	2.220	2.174	2.134	2.098	2.066	2.037	2.012	1.988	1.967	1.947	1.929	1.913	1.897
27	2.265	2.212	2.167	2.126	2.090	2.059	2.030	2.004	1.981	1.959	1.939	1.921	1.905	1.889
28	2.259	2.206	2.160	2.119	2.084	2.052	2.023	1.997	1.973	1.952	1.932	1.914	1.898	1.882
29	2.253	2.200	2.154	2.113	2.077	2.045	2.016	1.990	1.967	1.945	1.926	1.907	1.891	1.875
30	2.247	2.194	2.148	2.107	2.071	2.039	2.010	1.984	1.961	1.939	1.919	1.901	1.884	1.869
31	2.241	2.188	2.142	2.102	2.066	2.033	2.004	1.978	1.955	1.933	1.913	1.895	1.878	1.863
32	2.236	2.183	2.137	2.096	2.060	2.028	1.999	1.973	1.949	1.927	1.908	1.889	1.872	1.857
33	2.232	2.178	2.132	2.091	2.055	2.023	1.994	1.968	1.944	1.922	1.902	1.884	1.867	1.851
34	2.227	2.174	2.127	2.087	2.050	2.018	1.989	1.963	1.939	1.917	1.897	1.879	1.862	1.846
35	2.223	2.169	2.123	2.082	2.046	2.013	1.984	1.958	1.934	1.912	1.892	1.874	1.857	1.841
40	2.204	2.151	2.104	2.063	2.026	1.994	1.965	1.938	1.914	1.892	1.872	1.853	1.836	1.820
50	2.178	2.124	2.077	2.035	1.999	1.966	1.936	1.909	1.885	1.863	1.842	1.823	1.806	1.790
60	2.160	2.106	2.058	2.017	1.980	1.946	1.916	1.889	1.865	1.842	1.822	1.803	1.785	1.769
70	2.147	2.093	2.045	2.003	1.966	1.932	1.902	1.875	1.850	1.828	1.807	1.788	1.770	1.754
80	2.137	2.083	2.035	1.993	1.955	1.922	1.891	1.864	1.839	1.816	1.796	1.776	1.758	1.742
90	2.130	2.075	2.027	1.985	1.947	1.913	1.883	1.856	1.830	1.808	1.787	1.767	1.749	1.733
100	2.123	2.068	2.020	1.978	1.940	1.907	1.876	1.849	1.823	1.800	1.779	1.760	1.742	1.725

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	4.183	4.171	4.160	4.149	4.139	4.130	4.121	4.085	4.034	4.001	3.978	3.960	3.947	3.936
2	3.328	3.316	3.305	3.295	3.285	3.276	3.267	3.232	3.183	3.150	3.128	3.111	3.098	3.087
3	2.934	2.922	2.911	2.901	2.892	2.883	2.874	2.839	2.790	2.758	2.736	2.719	2.706	2.696
4	2.701	2.690	2.679	2.668	2.659	2.650	2.641	2.606	2.557	2.525	2.503	2.486	2.473	2.463
5	2.545	2.534	2.523	2.512	2.503	2.494	2.485	2.449	2.400	2.368	2.346	2.329	2.316	2.305
6	2.432	2.421	2.409	2.399	2.389	2.380	2.372	2.336	2.286	2.254	2.231	2.214	2.201	2.191
7	2.346	2.334	2.323	2.313	2.303	2.294	2.285	2.249	2.199	2.167	2.143	2.126	2.113	2.103
8	2.278	2.266	2.255	2.244	2.235	2.225	2.217	2.180	2.130	2.097	2.074	2.056	2.043	2.032
9	2.223	2.211	2.199	2.189	2.179	2.170	2.161	2.124	2.073	2.040	2.017	1.999	1.986	1.975
10	2.177	2.165	2.153	2.142	2.133	2.123	2.114	2.077	2.026	1.993	1.969	1.951	1.938	1.927
11	2.138	2.126	2.114	2.103	2.093	2.084	2.075	2.038	1.986	1.952	1.928	1.910	1.897	1.886
12	2.104	2.092	2.080	2.070	2.060	2.050	2.041	2.003	1.952	1.917	1.893	1.875	1.861	1.850

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	2.075	2.063	2.051	2.040	2.030	2.021	2.012	1.974	1.921	1.887	1.863	1.845	1.830	1.819
14	2.050	2.037	2.026	2.015	2.004	1.995	1.986	1.948	1.895	1.860	1.836	1.817	1.803	1.792
15	2.027	2.015	2.003	1.992	1.982	1.972	1.963	1.924	1.871	1.836	1.812	1.793	1.779	1.768
16	2.007	1.995	1.983	1.972	1.961	1.952	1.942	1.904	1.850	1.815	1.790	1.772	1.757	1.746
17	1.989	1.976	1.965	1.953	1.943	1.933	1.924	1.885	1.831	1.796	1.771	1.752	1.737	1.726
18	1.973	1.960	1.948	1.937	1.926	1.917	1.907	1.868	1.814	1.778	1.753	1.734	1.720	1.708
19	1.958	1.945	1.933	1.922	1.911	1.902	1.892	1.853	1.798	1.763	1.737	1.718	1.703	1.691
20	1.945	1.932	1.920	1.908	1.898	1.888	1.878	1.839	1.784	1.748	1.722	1.703	1.688	1.676
21	1.932	1.919	1.907	1.896	1.885	1.875	1.866	1.826	1.771	1.735	1.709	1.689	1.675	1.663
22	1.921	1.908	1.896	1.884	1.873	1.863	1.854	1.814	1.759	1.722	1.696	1.677	1.662	1.650
23	1.910	1.897	1.885	1.873	1.863	1.853	1.843	1.803	1.748	1.711	1.685	1.665	1.650	1.638
24	1.901	1.887	1.875	1.864	1.853	1.843	1.833	1.793	1.737	1.700	1.674	1.654	1.639	1.627
25	1.891	1.878	1.866	1.854	1.844	1.833	1.824	1.783	1.727	1.690	1.664	1.644	1.629	1.616
26	1.883	1.870	1.857	1.846	1.835	1.825	1.815	1.775	1.718	1.681	1.654	1.634	1.619	1.607
27	1.875	1.862	1.849	1.838	1.827	1.817	1.807	1.766	1.710	1.672	1.646	1.626	1.610	1.598
28	1.868	1.854	1.842	1.830	1.819	1.809	1.799	1.759	1.702	1.664	1.637	1.617	1.601	1.589
29	1.861	1.847	1.835	1.823	1.812	1.802	1.792	1.751	1.694	1.656	1.629	1.609	1.593	1.581
30	1.854	1.841	1.828	1.817	1.806	1.795	1.786	1.744	1.687	1.649	1.622	1.602	1.586	1.573
31	1.848	1.835	1.822	1.810	1.799	1.789	1.779	1.738	1.680	1.642	1.615	1.595	1.579	1.566
32	1.842	1.829	1.816	1.804	1.793	1.783	1.773	1.732	1.674	1.636	1.608	1.588	1.572	1.559
33	1.837	1.823	1.811	1.799	1.788	1.777	1.768	1.726	1.668	1.630	1.602	1.582	1.566	1.553
34	1.832	1.818	1.805	1.794	1.783	1.772	1.762	1.721	1.662	1.624	1.596	1.576	1.560	1.547
35	1.827	1.813	1.800	1.789	1.777	1.767	1.757	1.715	1.657	1.618	1.591	1.570	1.554	1.541
40	1.806	1.792	1.779	1.767	1.756	1.745	1.735	1.693	1.634	1.594	1.566	1.545	1.528	1.515
50	1.775	1.761	1.748	1.736	1.724	1.713	1.703	1.660	1.599	1.559	1.530	1.508	1.491	1.477
60	1.754	1.740	1.726	1.714	1.702	1.691	1.681	1.637	1.576	1.534	1.505	1.482	1.465	1.450
70	1.738	1.724	1.711	1.698	1.686	1.675	1.665	1.621	1.558	1.516	1.486	1.463	1.445	1.430
80	1.726	1.712	1.699	1.686	1.674	1.663	1.652	1.608	1.544	1.502	1.471	1.448	1.429	1.415
90	1.717	1.703	1.689	1.676	1.665	1.653	1.643	1.597	1.534	1.491	1.459	1.436	1.417	1.402
100	1.710	1.695	1.681	1.669	1.657	1.645	1.635	1.589	1.525	1.481	1.450	1.426	1.407	1.392

$x = 0.975$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	647.789	38.506	17.443	12.218	10.007	8.813	8.073	7.571	7.209	6.937	6.724	6.554	6.414	6.298
2	799.500	39.000	16.044	10.649	8.434	7.260	6.542	6.059	5.715	5.456	5.256	5.096	4.965	4.857
3	864.163	39.165	15.439	9.979	7.764	6.599	5.890	5.416	5.078	4.826	4.630	4.474	4.347	4.242
4	899.583	39.248	15.101	9.605	7.388	6.227	5.523	5.053	4.718	4.468	4.275	4.121	3.996	3.892
5	921.848	39.298	14.885	9.364	7.146	5.988	5.285	4.817	4.484	4.236	4.044	3.891	3.767	3.663
6	937.111	39.331	14.735	9.197	6.978	5.820	5.119	4.652	4.320	4.072	3.881	3.728	3.604	3.501
7	948.217	39.355	14.624	9.074	6.853	5.695	4.995	4.529	4.197	3.950	3.759	3.607	3.483	3.380
8	956.656	39.373	14.540	8.980	6.757	5.600	4.899	4.433	4.102	3.855	3.664	3.512	3.388	3.285
9	963.285	39.387	14.473	8.905	6.681	5.523	4.823	4.357	4.026	3.779	3.588	3.436	3.312	3.209
10	968.627	39.398	14.419	8.844	6.619	5.461	4.761	4.295	3.964	3.717	3.526	3.374	3.250	3.147
11	973.025	39.407	14.374	8.794	6.568	5.410	4.709	4.243	3.912	3.665	3.474	3.321	3.197	3.095
12	976.708	39.415	14.337	8.751	6.525	5.366	4.666	4.200	3.868	3.621	3.430	3.277	3.153	3.050
13	979.837	39.421	14.304	8.715	6.488	5.329	4.628	4.162	3.831	3.583	3.392	3.239	3.115	3.012
14	982.528	39.427	14.277	8.684	6.456	5.297	4.596	4.130	3.798	3.550	3.359	3.206	3.082	2.979
15	984.867	39.431	14.253	8.657	6.428	5.269	4.568	4.101	3.769	3.522	3.330	3.177	3.053	2.949
16	986.919	39.435	14.232	8.633	6.403	5.244	4.543	4.076	3.744	3.496	3.304	3.152	3.027	2.923
17	988.733	39.439	14.213	8.611	6.381	5.222	4.521	4.054	3.722	3.474	3.282	3.129	3.004	2.900
18	990.349	39.442	14.196	8.592	6.362	5.202	4.501	4.034	3.701	3.453	3.261	3.108	2.983	2.879
19	991.797	39.445	14.181	8.575	6.344	5.184	4.483	4.016	3.683	3.435	3.243	3.090	2.965	2.861
20	993.103	39.448	14.167	8.560	6.329	5.168	4.467	3.999	3.667	3.419	3.226	3.073	2.948	2.844
21	994.286	39.450	14.155	8.546	6.314	5.154	4.452	3.985	3.652	3.403	3.211	3.057	2.932	2.828
22	995.362	39.452	14.144	8.533	6.301	5.141	4.439	3.971	3.638	3.390	3.197	3.043	2.918	2.814
23	996.346	39.454	14.134	8.522	6.289	5.128	4.426	3.959	3.626	3.377	3.184	3.031	2.905	2.801
24	997.249	39.456	14.124	8.511	6.278	5.117	4.415	3.947	3.614	3.365	3.173	3.019	2.893	2.789
25	998.081	39.458	14.115	8.501	6.268	5.107	4.405	3.937	3.604	3.355	3.162	3.008	2.882	2.778
26	998.849	39.459	14.107	8.492	6.258	5.097	4.395	3.927	3.594	3.345	3.152	2.998	2.872	2.767
27	999.561	39.461	14.100	8.483	6.250	5.088	4.386	3.918	3.584	3.335	3.142	2.988	2.862	2.758
28	1000.222	39.462	14.093	8.476	6.242	5.080	4.378	3.909	3.576	3.327	3.133	2.979	2.853	2.749
29	1000.839	39.463	14.087	8.468	6.234	5.072	4.370	3.901	3.568	3.319	3.125	2.971	2.845	2.740
30	1001.414	39.465	14.081	8.461	6.227	5.065	4.362	3.894	3.560	3.311	3.118	2.963	2.837	2.732
31	1001.953	39.466	14.075	8.455	6.220	5.058	4.356	3.887	3.553	3.304	3.110	2.956	2.830	2.725
32	1002.459	39.467	14.070	8.449	6.214	5.052	4.349	3.881	3.547	3.297	3.104	2.949	2.823	2.718
33	1002.934	39.468	14.065	8.443	6.208	5.046	4.343	3.874	3.541	3.291	3.097	2.943	2.817	2.711
34	1003.381	39.468	14.060	8.438	6.203	5.041	4.337	3.869	3.535	3.285	3.091	2.937	2.810	2.705
35	1003.803	39.469	14.055	8.433	6.197	5.035	4.332	3.863	3.529	3.279	3.086	2.931	2.805	2.699
40	1005.598	39.473	14.037	8.411	6.175	5.012	4.309	3.840	3.505	3.255	3.061	2.906	2.780	2.674
50	1008.117	39.478	14.010	8.381	6.144	4.980	4.276	3.807	3.472	3.221	3.027	2.871	2.744	2.638
60	1009.800	39.481	13.992	8.360	6.123	4.959	4.254	3.784	3.449	3.198	3.004	2.848	2.720	2.614
70	1011.004	39.484	13.979	8.346	6.107	4.943	4.239	3.768	3.433	3.182	2.987	2.831	2.703	2.597
80	1011.908	39.485	13.970	8.335	6.096	4.932	4.227	3.756	3.421	3.169	2.974	2.818	2.690	2.583
90	1012.612	39.487	13.962	8.326	6.087	4.923	4.218	3.747	3.411	3.160	2.964	2.808	2.680	2.573
100	1013.175	39.488	13.956	8.319	6.080	4.915	4.210	3.739	3.403	3.152	2.956	2.800	2.671	2.565

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	6.200	6.115	6.042	5.978	5.922	5.871	5.827	5.786	5.750	5.717	5.686	5.659	5.633	5.610
2	4.765	4.687	4.619	4.560	4.508	4.461	4.420	4.383	4.349	4.319	4.291	4.265	4.242	4.221
3	4.153	4.077	4.011	3.954	3.903	3.859	3.819	3.783	3.750	3.721	3.694	3.670	3.647	3.626
4	3.804	3.729	3.665	3.608	3.559	3.515	3.475	3.440	3.408	3.379	3.353	3.329	3.307	3.286
5	3.576	3.502	3.438	3.382	3.333	3.289	3.250	3.215	3.183	3.155	3.129	3.105	3.083	3.063

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	3.415	3.341	3.277	3.221	3.172	3.128	3.090	3.055	3.023	2.995	2.969	2.945	2.923	2.903
7	3.293	3.219	3.156	3.100	3.051	3.007	2.969	2.934	2.902	2.874	2.848	2.824	2.802	2.782
8	3.199	3.125	3.061	3.005	2.956	2.913	2.874	2.839	2.808	2.779	2.753	2.729	2.707	2.687
9	3.123	3.049	2.985	2.929	2.880	2.837	2.798	2.763	2.731	2.703	2.677	2.653	2.631	2.611
10	3.060	2.986	2.922	2.866	2.817	2.774	2.735	2.700	2.668	2.640	2.613	2.590	2.568	2.547
11	3.008	2.934	2.870	2.814	2.765	2.721	2.682	2.647	2.615	2.586	2.560	2.536	2.514	2.494
12	2.963	2.889	2.825	2.769	2.720	2.676	2.637	2.602	2.570	2.541	2.515	2.491	2.469	2.448
13	2.925	2.851	2.786	2.730	2.681	2.637	2.598	2.563	2.531	2.502	2.476	2.451	2.429	2.409
14	2.891	2.817	2.753	2.696	2.647	2.603	2.564	2.528	2.497	2.468	2.441	2.417	2.395	2.374
15	2.862	2.788	2.723	2.667	2.617	2.573	2.534	2.498	2.466	2.437	2.411	2.387	2.364	2.344
16	2.836	2.761	2.697	2.640	2.591	2.547	2.507	2.472	2.440	2.411	2.384	2.360	2.337	2.317
17	2.813	2.738	2.673	2.617	2.567	2.523	2.483	2.448	2.416	2.386	2.360	2.335	2.313	2.292
18	2.792	2.717	2.652	2.596	2.546	2.501	2.462	2.426	2.394	2.365	2.338	2.314	2.291	2.270
19	2.773	2.698	2.633	2.576	2.526	2.482	2.442	2.407	2.374	2.345	2.318	2.294	2.271	2.251
20	2.756	2.681	2.616	2.559	2.509	2.464	2.425	2.389	2.357	2.327	2.300	2.276	2.253	2.232
21	2.740	2.665	2.600	2.543	2.493	2.448	2.409	2.373	2.340	2.311	2.284	2.259	2.237	2.216
22	2.726	2.651	2.585	2.529	2.478	2.434	2.394	2.358	2.325	2.296	2.269	2.244	2.222	2.201
23	2.713	2.637	2.572	2.515	2.465	2.420	2.380	2.344	2.312	2.282	2.255	2.230	2.208	2.187
24	2.701	2.625	2.560	2.503	2.452	2.408	2.368	2.331	2.299	2.269	2.242	2.217	2.195	2.174
25	2.689	2.614	2.548	2.491	2.441	2.396	2.356	2.320	2.287	2.257	2.230	2.205	2.183	2.161
26	2.679	2.603	2.538	2.481	2.430	2.385	2.345	2.309	2.276	2.246	2.219	2.194	2.171	2.150
27	2.669	2.594	2.528	2.471	2.420	2.375	2.335	2.299	2.266	2.236	2.209	2.184	2.161	2.140
28	2.660	2.584	2.519	2.461	2.411	2.366	2.325	2.289	2.256	2.226	2.199	2.174	2.151	2.130
29	2.652	2.576	2.510	2.453	2.402	2.357	2.317	2.280	2.247	2.217	2.190	2.165	2.142	2.121
30	2.644	2.568	2.502	2.445	2.394	2.349	2.308	2.272	2.239	2.209	2.182	2.157	2.133	2.112
31	2.636	2.560	2.494	2.437	2.386	2.341	2.300	2.264	2.231	2.201	2.174	2.148	2.125	2.104
32	2.629	2.553	2.487	2.430	2.379	2.334	2.293	2.257	2.224	2.193	2.166	2.141	2.118	2.096
33	2.623	2.546	2.481	2.423	2.372	2.327	2.286	2.250	2.216	2.186	2.159	2.134	2.110	2.089
34	2.616	2.540	2.474	2.416	2.365	2.320	2.279	2.243	2.210	2.180	2.152	2.127	2.104	2.082
35	2.610	2.534	2.468	2.410	2.359	2.314	2.273	2.237	2.204	2.173	2.146	2.120	2.097	2.076
40	2.585	2.509	2.442	2.384	2.333	2.287	2.246	2.210	2.176	2.146	2.118	2.093	2.069	2.048
50	2.549	2.472	2.405	2.347	2.295	2.249	2.208	2.171	2.137	2.107	2.079	2.053	2.029	2.007
60	2.524	2.447	2.380	2.321	2.270	2.223	2.182	2.145	2.111	2.080	2.052	2.026	2.002	1.980
70	2.506	2.429	2.362	2.303	2.251	2.205	2.163	2.125	2.091	2.060	2.032	2.006	1.982	1.959
80	2.493	2.415	2.348	2.289	2.237	2.190	2.148	2.111	2.077	2.045	2.017	1.991	1.966	1.944
90	2.482	2.405	2.337	2.278	2.226	2.179	2.137	2.099	2.065	2.034	2.005	1.979	1.954	1.932
100	2.474	2.396	2.329	2.269	2.217	2.170	2.128	2.090	2.056	2.024	1.996	1.969	1.945	1.922

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	5.588	5.568	5.549	5.531	5.515	5.499	5.485	5.424	5.340	5.286	5.247	5.218	5.196	5.179
2	4.201	4.182	4.165	4.149	4.134	4.120	4.106	4.051	3.975	3.925	3.890	3.864	3.844	3.828
3	3.607	3.589	3.573	3.557	3.543	3.529	3.517	3.463	3.390	3.343	3.309	3.284	3.265	3.250
4	3.267	3.250	3.234	3.218	3.204	3.191	3.179	3.126	3.054	3.008	2.975	2.950	2.932	2.917
5	3.044	3.026	3.010	2.995	2.981	2.968	2.956	2.904	2.833	2.786	2.754	2.730	2.711	2.696
6	2.884	2.867	2.851	2.836	2.822	2.808	2.796	2.744	2.674	2.627	2.595	2.571	2.552	2.537
7	2.763	2.746	2.730	2.715	2.701	2.688	2.676	2.624	2.553	2.507	2.474	2.450	2.432	2.417
8	2.669	2.651	2.635	2.620	2.606	2.593	2.581	2.529	2.458	2.412	2.379	2.355	2.336	2.321
9	2.592	2.575	2.558	2.543	2.529	2.516	2.504	2.452	2.381	2.334	2.302	2.277	2.259	2.244
10	2.529	2.511	2.495	2.480	2.466	2.453	2.440	2.388	2.317	2.270	2.237	2.213	2.194	2.179
11	2.475	2.458	2.442	2.426	2.412	2.399	2.387	2.334	2.263	2.216	2.183	2.158	2.140	2.124
12	2.430	2.412	2.396	2.381	2.366	2.353	2.341	2.288	2.216	2.169	2.136	2.111	2.092	2.077

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	2.390	2.372	2.356	2.341	2.327	2.313	2.301	2.248	2.176	2.129	2.095	2.071	2.051	2.036
14	2.355	2.338	2.321	2.306	2.292	2.278	2.266	2.213	2.140	2.093	2.059	2.035	2.015	2.000
15	2.325	2.307	2.291	2.275	2.261	2.248	2.235	2.182	2.109	2.061	2.028	2.003	1.983	1.968
16	2.298	2.280	2.263	2.248	2.234	2.220	2.207	2.154	2.081	2.033	1.999	1.974	1.955	1.939
17	2.273	2.255	2.239	2.223	2.209	2.195	2.183	2.129	2.056	2.008	1.974	1.948	1.929	1.913
18	2.251	2.233	2.217	2.201	2.187	2.173	2.160	2.107	2.033	1.985	1.950	1.925	1.905	1.890
19	2.231	2.213	2.197	2.181	2.167	2.153	2.140	2.086	2.012	1.964	1.929	1.904	1.884	1.868
20	2.213	2.195	2.178	2.163	2.148	2.135	2.122	2.068	1.993	1.944	1.910	1.884	1.864	1.849
21	2.196	2.178	2.162	2.146	2.131	2.118	2.105	2.051	1.976	1.927	1.892	1.866	1.846	1.830
22	2.181	2.163	2.146	2.131	2.116	2.102	2.089	2.035	1.960	1.911	1.876	1.850	1.830	1.814
23	2.167	2.149	2.132	2.116	2.102	2.088	2.075	2.020	1.945	1.896	1.861	1.835	1.814	1.798
24	2.154	2.136	2.119	2.103	2.088	2.075	2.062	2.007	1.931	1.882	1.847	1.820	1.800	1.784
25	2.142	2.124	2.107	2.091	2.076	2.062	2.049	1.994	1.919	1.869	1.833	1.807	1.787	1.770
26	2.131	2.112	2.095	2.080	2.065	2.051	2.038	1.983	1.907	1.857	1.821	1.795	1.774	1.758
27	2.120	2.102	2.085	2.069	2.054	2.040	2.027	1.972	1.895	1.845	1.810	1.783	1.763	1.746
28	2.110	2.092	2.075	2.059	2.044	2.030	2.017	1.962	1.885	1.835	1.799	1.772	1.752	1.735
29	2.101	2.083	2.066	2.050	2.035	2.021	2.008	1.952	1.875	1.825	1.789	1.762	1.741	1.725
30	2.092	2.074	2.057	2.041	2.026	2.012	1.999	1.943	1.866	1.815	1.779	1.752	1.731	1.715
31	2.084	2.066	2.049	2.033	2.018	2.003	1.990	1.934	1.857	1.806	1.770	1.743	1.722	1.706
32	2.076	2.058	2.041	2.025	2.010	1.996	1.982	1.926	1.849	1.798	1.762	1.735	1.714	1.697
33	2.069	2.051	2.033	2.017	2.002	1.988	1.975	1.919	1.841	1.790	1.754	1.726	1.705	1.688
34	2.062	2.044	2.026	2.010	1.995	1.981	1.968	1.912	1.834	1.782	1.746	1.719	1.697	1.680
35	2.056	2.037	2.020	2.004	1.989	1.974	1.961	1.905	1.827	1.775	1.739	1.711	1.690	1.673
40	2.028	2.009	1.991	1.975	1.960	1.946	1.932	1.875	1.796	1.744	1.707	1.679	1.657	1.640
50	1.987	1.968	1.950	1.934	1.918	1.904	1.890	1.832	1.752	1.699	1.660	1.632	1.610	1.592
60	1.959	1.940	1.922	1.905	1.890	1.875	1.861	1.803	1.721	1.667	1.628	1.599	1.576	1.558
70	1.939	1.920	1.902	1.885	1.869	1.854	1.840	1.781	1.698	1.643	1.604	1.574	1.551	1.532
80	1.923	1.904	1.886	1.869	1.853	1.838	1.824	1.764	1.681	1.625	1.585	1.555	1.531	1.512
90	1.911	1.892	1.873	1.856	1.840	1.825	1.811	1.751	1.667	1.611	1.570	1.540	1.516	1.496
100	1.901	1.882	1.863	1.846	1.830	1.815	1.801	1.741	1.656	1.599	1.558	1.527	1.503	1.483

$x = 0.99$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	4052.181	98.503	34.116	21.198	16.258	13.745	12.246	11.259	10.561	10.044	9.646	9.330	9.074	8.862
2	4999.500	99.000	30.817	18.000	13.274	10.925	9.547	8.649	8.022	7.559	7.206	6.927	6.701	6.515
3	5403.352	99.166	29.457	16.694	12.060	9.780	8.451	7.591	6.992	6.552	6.217	5.953	5.739	5.564
4	5624.583	99.249	28.710	15.977	11.392	9.148	7.847	7.006	6.422	5.994	5.668	5.412	5.205	5.035
5	5763.650	99.299	28.237	15.522	10.967	8.746	7.460	6.632	6.057	5.636	5.316	5.064	4.862	4.695
6	5858.986	99.333	27.911	15.207	10.672	8.466	7.191	6.371	5.802	5.386	5.069	4.821	4.620	4.456
7	5928.356	99.356	27.672	14.976	10.456	8.260	6.993	6.178	5.613	5.200	4.886	4.640	4.441	4.278
8	5981.070	99.374	27.489	14.799	10.289	8.102	6.840	6.029	5.467	5.057	4.744	4.499	4.302	4.140
9	6022.473	99.388	27.345	14.659	10.158	7.976	6.719	5.911	5.351	4.942	4.632	4.388	4.191	4.030
10	6055.847	99.399	27.229	14.546	10.051	7.874	6.620	5.814	5.257	4.849	4.539	4.296	4.100	3.939
11	6083.317	99.408	27.133	14.452	9.963	7.790	6.538	5.734	5.178	4.772	4.462	4.220	4.025	3.864
12	6106.321	99.416	27.052	14.374	9.888	7.718	6.469	5.667	5.111	4.706	4.397	4.155	3.960	3.800
13	6125.865	99.422	26.983	14.307	9.825	7.657	6.410	5.609	5.055	4.650	4.342	4.100	3.905	3.745
14	6142.674	99.428	26.924	14.249	9.770	7.605	6.359	5.559	5.005	4.601	4.293	4.052	3.857	3.698
15	6157.285	99.433	26.872	14.198	9.722	7.559	6.314	5.515	4.962	4.558	4.251	4.010	3.815	3.656
16	6170.101	99.437	26.827	14.154	9.680	7.519	6.275	5.477	4.924	4.520	4.213	3.972	3.778	3.619
17	6181.435	99.440	26.787	14.115	9.643	7.483	6.240	5.442	4.890	4.487	4.180	3.939	3.745	3.586
18	6191.529	99.444	26.751	14.080	9.610	7.451	6.209	5.412	4.860	4.457	4.150	3.909	3.716	3.556
19	6200.576	99.447	26.719	14.048	9.580	7.422	6.181	5.384	4.833	4.430	4.123	3.883	3.689	3.529
20	6208.730	99.449	26.690	14.020	9.553	7.396	6.155	5.359	4.808	4.405	4.099	3.858	3.665	3.505
21	6216.118	99.452	26.664	13.994	9.528	7.372	6.132	5.336	4.786	4.383	4.077	3.836	3.643	3.483
22	6222.843	99.454	26.640	13.970	9.506	7.351	6.111	5.316	4.765	4.363	4.057	3.816	3.622	3.463
23	6228.990	99.456	26.618	13.949	9.485	7.331	6.092	5.297	4.746	4.344	4.038	3.798	3.604	3.444
24	6234.631	99.458	26.598	13.929	9.466	7.313	6.074	5.279	4.729	4.327	4.021	3.780	3.587	3.427
25	6239.825	99.459	26.579	13.911	9.449	7.296	6.058	5.263	4.713	4.311	4.005	3.765	3.571	3.412
26	6244.624	99.461	26.562	13.894	9.433	7.280	6.043	5.248	4.698	4.296	3.990	3.750	3.556	3.397
27	6249.071	99.462	26.546	13.878	9.418	7.266	6.029	5.234	4.685	4.283	3.977	3.736	3.543	3.383
28	6253.203	99.463	26.531	13.864	9.404	7.253	6.016	5.221	4.672	4.270	3.964	3.724	3.530	3.371
29	6257.053	99.465	26.517	13.850	9.391	7.240	6.003	5.209	4.660	4.258	3.952	3.712	3.518	3.359
30	6260.649	99.466	26.505	13.838	9.379	7.229	5.992	5.198	4.649	4.247	3.941	3.701	3.507	3.348
31	6264.014	99.467	26.492	13.826	9.368	7.218	5.981	5.188	4.638	4.236	3.931	3.690	3.497	3.337
32	6267.171	99.468	26.481	13.815	9.357	7.207	5.971	5.178	4.628	4.227	3.921	3.681	3.487	3.327
33	6270.138	99.469	26.471	13.804	9.347	7.198	5.962	5.168	4.619	4.217	3.912	3.671	3.478	3.318
34	6272.932	99.470	26.461	13.794	9.338	7.189	5.953	5.159	4.610	4.209	3.903	3.663	3.469	3.309
35	6275.568	99.471	26.451	13.785	9.329	7.180	5.944	5.151	4.602	4.200	3.895	3.654	3.461	3.301
40	6286.782	99.474	26.411	13.745	9.291	7.143	5.908	5.116	4.567	4.165	3.860	3.619	3.425	3.266
50	6302.517	99.479	26.354	13.690	9.238	7.091	5.858	5.065	4.517	4.115	3.810	3.569	3.375	3.215
60	6313.030	99.482	26.316	13.652	9.202	7.057	5.824	5.032	4.483	4.082	3.776	3.535	3.341	3.181
70	6320.550	99.485	26.289	13.625	9.176	7.032	5.799	5.007	4.459	4.058	3.752	3.511	3.317	3.157
80	6326.197	99.487	26.269	13.605	9.157	7.013	5.781	4.989	4.441	4.039	3.734	3.493	3.298	3.138
90	6330.592	99.488	26.253	13.590	9.142	6.998	5.766	4.975	4.426	4.025	3.719	3.478	3.284	3.124
100	6334.110	99.489	26.240	13.577	9.130	6.987	5.755	4.963	4.415	4.014	3.708	3.467	3.272	3.112

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	8.683	8.531	8.400	8.285	8.185	8.096	8.017	7.945	7.881	7.823	7.770	7.721	7.677	7.636
2	6.359	6.226	6.112	6.013	5.926	5.849	5.780	5.719	5.664	5.614	5.568	5.526	5.488	5.453
3	5.417	5.292	5.185	5.092	5.010	4.938	4.874	4.817	4.765	4.718	4.675	4.637	4.601	4.568
4	4.893	4.773	4.669	4.579	4.500	4.431	4.369	4.313	4.264	4.218	4.177	4.140	4.106	4.074
5	4.556	4.437	4.336	4.248	4.171	4.103	4.042	3.988	3.939	3.895	3.855	3.818	3.785	3.754

	15	16	17	18	19	20	21	22	23	24	25	26	27	28
6	4.318	4.202	4.102	4.015	3.939	3.871	3.812	3.758	3.710	3.667	3.627	3.591	3.558	3.528
7	4.142	4.026	3.927	3.841	3.765	3.699	3.640	3.587	3.539	3.496	3.457	3.421	3.388	3.358
8	4.004	3.890	3.791	3.705	3.631	3.564	3.506	3.453	3.406	3.363	3.324	3.288	3.256	3.226
9	3.895	3.780	3.682	3.597	3.523	3.457	3.398	3.346	3.299	3.256	3.217	3.182	3.149	3.120
10	3.805	3.691	3.593	3.508	3.434	3.368	3.310	3.258	3.211	3.168	3.129	3.094	3.062	3.032
11	3.730	3.616	3.519	3.434	3.360	3.294	3.236	3.184	3.137	3.094	3.056	3.021	2.988	2.959
12	3.666	3.553	3.455	3.371	3.297	3.231	3.173	3.121	3.074	3.032	2.993	2.958	2.926	2.896
13	3.612	3.498	3.401	3.316	3.242	3.177	3.119	3.067	3.020	2.977	2.939	2.904	2.871	2.842
14	3.564	3.451	3.353	3.269	3.195	3.130	3.072	3.019	2.973	2.930	2.892	2.857	2.824	2.795
15	3.522	3.409	3.312	3.227	3.153	3.088	3.030	2.978	2.931	2.889	2.850	2.815	2.783	2.753
16	3.485	3.372	3.275	3.190	3.116	3.051	2.993	2.941	2.894	2.852	2.813	2.778	2.746	2.716
17	3.452	3.339	3.242	3.158	3.084	3.018	2.960	2.908	2.861	2.819	2.780	2.745	2.713	2.683
18	3.423	3.310	3.212	3.128	3.054	2.989	2.931	2.879	2.832	2.789	2.751	2.715	2.683	2.653
19	3.396	3.283	3.186	3.101	3.027	2.962	2.904	2.852	2.805	2.762	2.724	2.688	2.656	2.626
20	3.372	3.259	3.162	3.077	3.003	2.938	2.880	2.827	2.781	2.738	2.699	2.664	2.632	2.602
21	3.350	3.237	3.139	3.055	2.981	2.916	2.857	2.805	2.758	2.716	2.677	2.642	2.609	2.579
22	3.330	3.216	3.119	3.035	2.961	2.895	2.837	2.785	2.738	2.695	2.657	2.621	2.589	2.559
23	3.311	3.198	3.101	3.016	2.942	2.877	2.818	2.766	2.719	2.676	2.638	2.602	2.570	2.540
24	3.294	3.181	3.084	2.999	2.925	2.859	2.801	2.749	2.702	2.659	2.620	2.585	2.552	2.522
25	3.278	3.165	3.068	2.983	2.909	2.843	2.785	2.733	2.686	2.643	2.604	2.569	2.536	2.506
26	3.264	3.150	3.053	2.968	2.894	2.829	2.770	2.718	2.671	2.628	2.589	2.554	2.521	2.491
27	3.250	3.137	3.039	2.955	2.880	2.815	2.756	2.704	2.657	2.614	2.575	2.540	2.507	2.477
28	3.237	3.124	3.026	2.942	2.868	2.802	2.743	2.691	2.644	2.601	2.562	2.526	2.494	2.464
29	3.225	3.112	3.014	2.930	2.855	2.790	2.731	2.679	2.632	2.589	2.550	2.514	2.481	2.451
30	3.214	3.101	3.003	2.919	2.844	2.778	2.720	2.667	2.620	2.577	2.538	2.503	2.470	2.440
31	3.204	3.090	2.993	2.908	2.834	2.768	2.709	2.657	2.609	2.567	2.527	2.492	2.459	2.429
32	3.194	3.080	2.983	2.898	2.824	2.758	2.699	2.647	2.599	2.556	2.517	2.482	2.449	2.419
33	3.184	3.071	2.973	2.889	2.814	2.748	2.690	2.637	2.590	2.547	2.508	2.472	2.439	2.409
34	3.176	3.062	2.965	2.880	2.805	2.739	2.681	2.628	2.581	2.538	2.499	2.463	2.430	2.400
35	3.167	3.054	2.956	2.871	2.797	2.731	2.672	2.620	2.572	2.529	2.490	2.454	2.421	2.391
40	3.132	3.018	2.920	2.835	2.761	2.695	2.636	2.583	2.535	2.492	2.453	2.417	2.384	2.354
50	3.081	2.967	2.869	2.784	2.709	2.643	2.584	2.531	2.483	2.440	2.400	2.364	2.330	2.300
60	3.047	2.933	2.835	2.749	2.674	2.608	2.548	2.495	2.447	2.403	2.364	2.327	2.294	2.263
70	3.022	2.908	2.810	2.724	2.649	2.582	2.523	2.469	2.421	2.377	2.337	2.301	2.267	2.236
80	3.004	2.889	2.791	2.705	2.630	2.563	2.503	2.450	2.401	2.357	2.317	2.281	2.247	2.216
90	2.989	2.875	2.776	2.690	2.614	2.548	2.488	2.434	2.386	2.342	2.302	2.265	2.231	2.200
100	2.977	2.863	2.764	2.678	2.602	2.535	2.475	2.422	2.373	2.329	2.289	2.252	2.218	2.187

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
1	7.598	7.562	7.530	7.499	7.471	7.444	7.419	7.314	7.171	7.077	7.011	6.963	6.925	6.895
2	5.420	5.390	5.362	5.336	5.312	5.289	5.268	5.179	5.057	4.977	4.922	4.881	4.849	4.824
3	4.538	4.510	4.484	4.459	4.437	4.416	4.396	4.313	4.199	4.126	4.074	4.036	4.007	3.984
4	4.045	4.018	3.993	3.969	3.948	3.927	3.908	3.828	3.720	3.649	3.600	3.563	3.535	3.513
5	3.725	3.699	3.675	3.652	3.630	3.611	3.592	3.514	3.408	3.339	3.291	3.255	3.228	3.206
6	3.499	3.473	3.449	3.427	3.406	3.386	3.368	3.291	3.186	3.119	3.071	3.036	3.009	2.988
7	3.330	3.304	3.281	3.258	3.238	3.218	3.200	3.124	3.020	2.953	2.906	2.871	2.845	2.823
8	3.198	3.173	3.149	3.127	3.106	3.087	3.069	2.993	2.890	2.823	2.777	2.742	2.715	2.694
9	3.092	3.067	3.043	3.021	3.000	2.981	2.963	2.888	2.785	2.718	2.672	2.637	2.611	2.590
10	3.005	2.979	2.955	2.934	2.913	2.894	2.876	2.801	2.698	2.632	2.585	2.551	2.524	2.503
11	2.931	2.906	2.882	2.860	2.840	2.821	2.803	2.727	2.625	2.559	2.512	2.478	2.451	2.430
12	2.868	2.843	2.820	2.798	2.777	2.758	2.740	2.665	2.562	2.496	2.450	2.415	2.389	2.368

	29	30	31	32	33	34	35	40	50	60	70	80	90	100
13	2.814	2.789	2.765	2.744	2.723	2.704	2.686	2.611	2.508	2.442	2.395	2.361	2.334	2.313
14	2.767	2.742	2.718	2.696	2.676	2.657	2.639	2.563	2.461	2.394	2.348	2.313	2.286	2.265
15	2.726	2.700	2.677	2.655	2.634	2.615	2.597	2.522	2.419	2.352	2.306	2.271	2.244	2.223
16	2.689	2.663	2.640	2.618	2.597	2.578	2.560	2.484	2.382	2.315	2.268	2.233	2.206	2.185
17	2.656	2.630	2.606	2.584	2.564	2.545	2.527	2.451	2.348	2.281	2.234	2.199	2.172	2.151
18	2.626	2.600	2.577	2.555	2.534	2.515	2.497	2.421	2.318	2.251	2.204	2.169	2.142	2.120
19	2.599	2.573	2.550	2.527	2.507	2.488	2.470	2.394	2.290	2.223	2.176	2.141	2.114	2.092
20	2.574	2.549	2.525	2.503	2.482	2.463	2.445	2.369	2.265	2.198	2.150	2.115	2.088	2.067
21	2.552	2.526	2.502	2.480	2.460	2.440	2.422	2.346	2.242	2.175	2.127	2.092	2.065	2.043
22	2.531	2.506	2.482	2.460	2.439	2.420	2.401	2.325	2.221	2.153	2.106	2.070	2.043	2.021
23	2.512	2.487	2.463	2.441	2.420	2.400	2.382	2.306	2.202	2.134	2.086	2.050	2.023	2.001
24	2.495	2.469	2.445	2.423	2.402	2.383	2.364	2.288	2.183	2.115	2.067	2.032	2.004	1.983
25	2.478	2.453	2.429	2.406	2.386	2.366	2.348	2.271	2.167	2.098	2.050	2.015	1.987	1.965
26	2.463	2.437	2.414	2.391	2.370	2.351	2.333	2.256	2.151	2.083	2.034	1.999	1.971	1.949
27	2.449	2.423	2.399	2.377	2.356	2.337	2.318	2.241	2.136	2.068	2.019	1.983	1.956	1.934
28	2.436	2.410	2.386	2.364	2.343	2.323	2.305	2.228	2.123	2.054	2.005	1.969	1.942	1.919
29	2.423	2.398	2.374	2.351	2.330	2.311	2.292	2.215	2.110	2.041	1.992	1.956	1.928	1.906
30	2.412	2.386	2.362	2.340	2.319	2.299	2.281	2.203	2.098	2.028	1.980	1.944	1.916	1.893
31	2.401	2.375	2.351	2.329	2.308	2.288	2.270	2.192	2.086	2.017	1.968	1.932	1.904	1.881
32	2.391	2.365	2.341	2.318	2.297	2.277	2.259	2.182	2.075	2.006	1.957	1.921	1.892	1.870
33	2.381	2.355	2.331	2.308	2.287	2.268	2.249	2.172	2.065	1.996	1.946	1.910	1.882	1.859
34	2.372	2.346	2.322	2.299	2.278	2.258	2.240	2.162	2.055	1.986	1.937	1.900	1.872	1.849
35	2.363	2.337	2.313	2.290	2.269	2.249	2.231	2.153	2.046	1.976	1.927	1.890	1.862	1.839
40	2.325	2.299	2.275	2.252	2.231	2.211	2.193	2.114	2.007	1.936	1.886	1.849	1.820	1.797
50	2.271	2.245	2.220	2.198	2.176	2.156	2.137	2.058	1.949	1.877	1.826	1.788	1.759	1.735
60	2.234	2.208	2.183	2.160	2.139	2.118	2.099	2.019	1.909	1.836	1.785	1.746	1.716	1.692
70	2.207	2.181	2.156	2.133	2.111	2.091	2.072	1.991	1.880	1.806	1.754	1.714	1.684	1.659
80	2.187	2.160	2.135	2.112	2.090	2.070	2.050	1.969	1.857	1.783	1.730	1.690	1.659	1.634
90	2.171	2.144	2.119	2.095	2.074	2.053	2.034	1.952	1.839	1.764	1.711	1.671	1.639	1.614
100	2.158	2.131	2.106	2.082	2.060	2.040	2.020	1.938	1.825	1.749	1.695	1.655	1.623	1.598