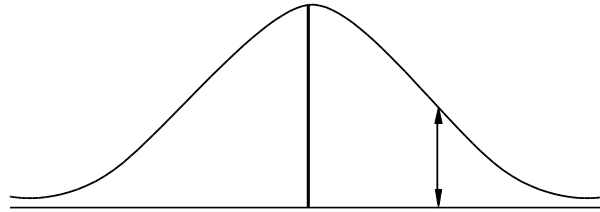


পরিসংখ্যানিক সারণীসমূহ
Statistical Tables

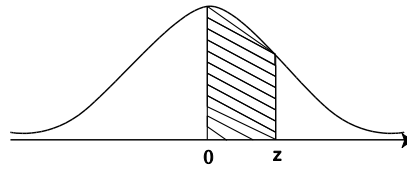
Srl. No.	Table Name
TABLE 1 :	Ordinates (Y) of the Standard Normal Curve at Z
TABLE 2 :	Areas Under the Standard of Normal Curve from 0 to z
TABLE 3 :	Critical Values of normal test (Z test)
TABLE 4 :	Critical Values of Student's t-Distribution
TABLE 5 :	Critical Values of Chi-square (χ^2)
TABLE 6 :	1% Points of Fisher's F-Distribution
TABLE 7 :	5% Points of Fisher's F- Distribution

Table 1 : Ordinates (Y) of the Standard Normal Curve at Z



z	0	1	2	3	4	5	6	7	8	9
0.0	.3989	.3989	.3989	.3988	.3986	.3984	.3982	.3980	.3977	.3973
0.1	.3970	.3965	.3961	.3956	.3951	.3945	.3939	.3932	.3925	.3918
0.2	.3910	.3902	.3864	.3885	.3876	.3867	.3857	.3847	.3836	.3825
0.3	.3814	.3820	.3790	.3778	.3765	.3752	.3739	.3725	.3712	.3697
0.4	.3683	.3668	.3653	.3637	.3621	.3605	.3589	.3572	.3555	.3538
0.5	.3521	.3503	.3485	.3467	.3448	.3429	.3410	.3391	.3372	.3352
0.6	.3332	.3312	.3292	.3271	.3251	.3230	.3209	.3187	.3166	.3144
0.7	.3123	.3101	.3079	.3056	.3034	.3011	.2989	.2966	.2943	.2920
0.8	.2897	.2874	.2850	.2827	.2803	.2780	.2756	.2732	.2709	.2685
0.9	.2661	.2637	.2613	.2589	.2565	.2541	.2516	.2492	.2468	.2444
1.0	.2420	.2396	.2371	.2347	.2323	.2299	.2275	.2251	.2227	.2203
1.1	.2179	.2155	.2131	.2107	.2083	.2059	.2036	.2012	.1989	.1965
1.2	.1942	.1919	.1895	.1872	.1849	.1826	.1804	.1781	.1758	.1736
1.3	.1714	.1691	.1669	.1640	.1626	.1604	.1582	.1561	.1539	.1518
1.4	.1497	.1476	.1450	.1435	.1415	.1394	.1374	.1354	.1334	.1315
1.5	.1295	.1276	.1257	.1238	.1219	.1200	.1182	.1163	.1145	.1127
1.6	.1109	.1092	.1074	.1057	.1040	.1023	.1006	.0989	.0973	.0957
1.7	.0940	.0925	.0909	.0893	.0878	.0863	.0848	.0833	.0818	.0804
1.8	.0790	.0775	.0761	.0748	.0734	.0721	.0701	.0694	.0681	.0669
1.9	.0556	.0640	.0632	.0620	.0608	.0596	.0584	.0857	.0652	.0551
2.0	.0540	.0529	.0519	.0508	.0498	.0488	.0478	.0468	.0459	.0449
2.1	.0440	.0131	.0422	.0413	.0404	.0396	.0387	.0379	.0371	.0363
2.2	.0355	.0147	.0339	.0332	.0325	.0317	.0310	.0300	.0297	.0290
2.3	.0283	.0217	.0270	.0264	.0258	.0525	.0246	.0241	.0235	.0229
2.4	.0224	.0218	.0213	.0208	.0203	.0198	.0194	.0189	.0184	.0180
2.5	.0175	.0171	.0167	.0163	.0158	.0154	.0151	.0147	.0143	.0139
2.6	.0136	.0132	.0129	.0126	.0122	.0119	.0116	.0113	.0110	.0107
2.7	.0104	.0101	.0099	.0096	.0093	.0091	.0088	.0086	.0084	.0081
2.8	.0079	.0077	.0075	.0073	.0071	.0069	.0067	.0065	.0063	.0061
2.9	.0060	.0058	.0045	.0055	.0053	.0051	.0050	.0048	.0047	.0046
3.0	.0044	.0043	.0042	.0040	.0039	.0038	.0037	.0036	.0035	.0034
3.1	.0033	.0032	.0032	.0030	.0029	.0028	.0027	.0026	.0025	.0025
3.2	.0024	.0023	.0022	.0022	.0021	.0020	.0020	.0019	.0018	.0015
3.3	.0017	.0017	.0016	.0016	.0015	.0015	.0014	.0014	.0013	.0013
3.4	.0012	.0012	.0012	.0011	.0011	.0010	.0010	.0010	.0009	.0009
3.5	.0009	.0008	.0008	.0008	.0008	.0007	.0007	.0007	.0007	.0006
3.6	.0006	.0006	.0006	.0005	.0005	.0005	.0005	.0005	.0005	.0004
3.7	.0004	.0004	.0004	.0004	.0004	.0004	.0003	.0003	.0003	.0003
3.8	.0003	.0003	.0003	.0003	.0003	.0003	.0002	.0002	.0002	.0002
3.9	.0002	.0002	.0002	.0002	.0002	.0002	.0002	.0002	.0001	.0001

Table 2 : Areas Under the Standard of Normal Curve from 0 to z



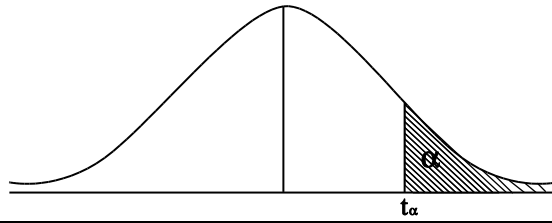
Example : $P(0 \leq z \leq 1.94) = 0.4738$

z	0	1	2	3	4	5	6	7	8	9
0.0	.0000	.0040	.0080	.0120	.0160	.0199	.0239	.0279	.0319	.0359
0.1	.0398	.0438	.0478	.0517	.0557	.0596	.0636	.0675	.0714	.0754
0.2	.0793	.0832	.0871	.0910	.0948	.0987	.1026	.1064	.1103	.1141
0.3	.1179	.1217	.1255	.1293	.1331	.1368	.1406	.1443	.1480	.1517
0.4	.1554	.1591	.1628	.1664	.1700	.1736	.1772	.1808	.1844	.1879
0.5	.1915	.1950	.1985	.2019	.2054	.2088	.2123	.2157	.2190	.2224
0.6	.2258	.2291	.2324	.2357	.2389	.2422	.2454	.2486	.2518	.2549
0.7	.2580	.2612	.2642	.2673	.2704	.2734	.2764	.2794	.2823	.2852
0.8	.2881	.2910	.2939	.2967	.2996	.3023	.3051	.3078	.3106	.3133
0.9	.3159	.3186	.3212	.3238	.3264	.3289	.3315	.3340	.3365	.3389
1.0	.3413	.3438	.3461	.3485	.3508	.3531	.3554	.3577	.3599	.3621
1.1	.3643	.3665	.3686	.3708	.3729	.3749	.3770	.3790	.3810	.3830
1.2	.3849	.3869	.3888	.3907	.3925	.3944	.3962	.3980	.3997	.4015
1.3	.4032	.4049	.4066	.4082	.4099	.4115	.4134	.4147	.4162	.4177
1.4	.4192	.4207	.4222	.4236	.4251	.4265	.4279	.4292	.4306	.4319
1.5	.4332	.4345	.4357	.4370	.4382	.4394	.4406	.4418	.4429	.4441
1.6	.4452	.4463	.4474	.4484	.4495	.4505	.4515	.4525	.4535	.4545
1.7	.4554	.4564	.4573	.4582	.4591	.4599	.4608	.4616	.4625	.4633
1.8	.4641	.4649	.4656	.4664	.4671	.4678	.4686	.4693	.4699	.4706
1.9	.4713	.4719	.4726	.4732	.4738	.4744	.4750	.4756	.4761	.4767
2.0	.4772	.4778	.4783	.4788	.4793	.4798	.4803	.4808	.4812	.4817
2.1	.4821	.4826	.4830	.4834	.4838	.4842	.4846	.4850	.4854	.4857
2.2	.4861	.4864	.4868	.4871	.4875	.4878	.4881	.4884	.4887	.4890
2.3	.4893	.4896	.4898	.4901	.4904	.4906	.4909	.4911	.4913	.4916
2.4	.4918	.4920	.4922	.4925	.4927	.4929	.4931	.4932	.4934	.4936
2.5	.4938	.4940	.4941	.4943	.4945	.4946	.4948	.4949	.4951	.4952
2.6	.4953	.4955	.4956	.4957	.4959	.4960	.4961	.4962	.4963	.4964
2.7	.4965	.4966	.4967	.4968	.4969	.4970	.4971	.4972	.4973	.4974
2.8	.4974	.4975	.4976	.4977	.4977	.4978	.4979	.4979	.4980	.4981
2.9	.4981	.4982	.4982	.4983	.4984	.4984	.4985	.4985	.4986	.4986
3.0	.4987	.4987	.4987	.4988	.4988	.4989	.4989	.4989	.4990	.4990
3.1	.4990	.4991	.4991	.4991	.4992	.4992	.4992	.4992	.4993	.4993
3.2	.4993	.4993	.4994	.4994	.4994	.4994	.4994	.4995	.4995	.4995
3.3	.4995	.4995	.4995	.4996	.4996	.4996	.4996	.4996	.4997	.4997
3.4	.4997	.4997	.4997	.4998	.4998	.4998	.4998	.4998	.4998	.4998
3.5	.4998	.4998	.4998	.4999	.4999	.4999	.4999	.4999	.4999	.4999
3.6	.4999	.4999	.4999	.4999	.4999	.4999	.4999	.4999	.4999	.4999
3.7	.4999	.4999	.4999	.4999	.4999	.4999	.4999	.4999	.4999	.4999
3.8	.4999	.4999	.4999	.4999	.4999	.4999	.4999	.4999	.4999	.4999
3.9	.5000	.5000	.5000	.5000	.5000	.5000	.5000	.5000	.5000	.5000

Table 3 Critical Values of normal test (Z test)

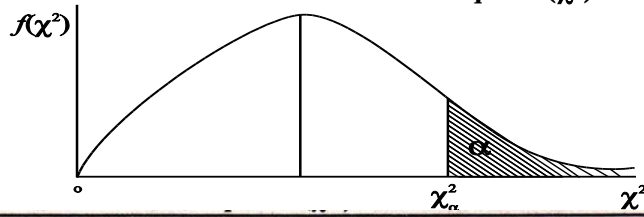
Confidence level	80%	90%	95%	98%	99%	99.9%
Level of Significance	20%	10%	5%	2%	1%	0.1%
OR						
Level of Significance for Two Tailed Test	0.200	0.100	0.050	0.020	0.010	0.001
Level of Significance for One Tailed Test	0.100	0.050	0.025	0.010	0.005	0.0005
Zc	1.282	1.645	1.960	2.326	2.576	3.291

Table 4 : Critical Values of Student's t-Distribution



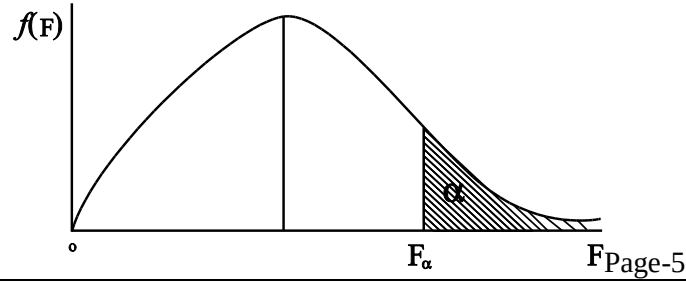
d.f.	Level of Significance for One Tailed Test					
	$t_{.100}$	$t_{.050}$	$t_{.025}$	$t_{.010}$	$t_{.005}$	$t_{.0005}$
	Level of Significance for Two Tailed Test					
	$t_{.200}$	$t_{.100}$	$t_{.050}$	$t_{.0205}$	$t_{.010}$	$t_{.001}$
1	3.078	6.314	12.706	31.821	63.657	636.616
2	1.886	2.920	4.303	6.965	9.925	31.598
3	1.638	2.353	3.182	4.541	5.841	12.924
4	1.533	2.132	2.776	3.747	4.604	8.610
5	1.476	2.015	2.571	3.365	4.032	6.869
6	1.440	1.943	2.447	3.143	3.707	5.959
7	1.415	1.895	2.365	2.998	3.499	5.408
8	1.397	1.860	2.306	2.896	3.355	5.041
9	1.383	1.833	2.262	2.821	3.250	4.781
10	1.372	1.812	2.228	2.764	3.169	4.587
11	1.363	1.796	2.201	2.718	3.106	4.437
12	1.356	1.782	2.179	2.681	3.055	4.318
13	1.350	1.771	2.160	2.650	3.012	4.221
14	1.345	1.761	2.145	2.624	2.977	4.140
15	1.341	1.753	2.131	2.602	2.947	4.073
16	1.337	1.746	2.120	2.583	2.921	4.015
17	1.333	1.740	2.110	2.567	2.898	3.965
18	1.330	1.734	2.101	2.552	2.878	3.922
19	1.328	1.729	2.075	2.539	2.861	3.882
20	1.325	1.735	2.094	2.528	2.845	3.850
21	1.223	1.721	2.080	2.518	2.831	3.819
22	1.231	1.717	2.074	2.508	2.819	3.792
23	1.219	1.714	2.069	2.500	2.807	3.767
24	1.318	1.711	2.064	2.492	2.797	3.745
25	1.316	1.708	2.060	2.485	2.787	3.725
26	1.315	1.706	2.056	2.479	2.779	3.707
27	1.314	1.703	2.052	2.473	2.771	3.690
28	1.313	1.701	2.048	2.467	2.763	3.674
29	1.311	1.699	2.045	2.467	2.756	3.659
30	1.310	1.697	2.042	2.457	2.750	3.646
40	1.303	1.690	2.121	2.423	2.704	3.551
60	1.296	1.671	2.000	2.390	2.660	3.460
120	1.289	1.658	1.980	2.358	2.617	3.373
∞	1.282	1.645	1.960	2.326	2.576	3.291

Table 5: Critical Values of Chi-square (χ^2)



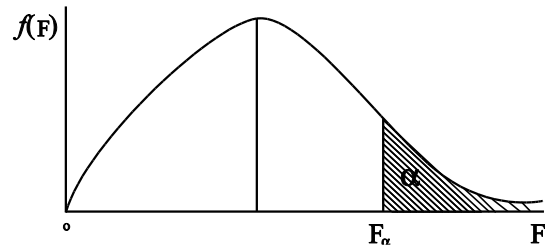
Degree of freedom	Upper Tails Areas (α)											
	0.995	0.99	0.975	0.95	0.9	0.75	0.25	0.1	0.05	0.025	0.01	0.005
1			0.0010	0.0039	0.0158	0.1015	1.3233	2.7055	3.8415	5.0239	6.6349	7.8794
2	0.0100	0.0201	0.0506	0.1026	0.2107	0.5754	2.7726	4.6052	5.9915	7.3778	9.2104	10.596
3	0.0717	0.1148	0.2158	0.3518	0.5844	1.2125	4.1083	6.2514	7.8147	9.3484	11.344	12.838
4	0.2070	0.2971	0.4844	0.7107	1.0636	1.9226	5.3853	7.7794	9.4877	11.143	13.276	14.860
5	0.4118	0.5543	0.8312	1.1455	1.6103	2.6746	6.6257	9.2363	11.070	12.832	15.086	16.749
6	0.6757	0.8721	1.2373	1.6354	2.2041	3.4546	7.8408	10.644	12.591	14.449	16.811	18.547
7	0.9893	1.2390	1.6899	2.1673	2.8331	4.2549	9.0371	12.017	14.067	16.012	18.475	20.277
8	1.3444	1.6465	2.1797	2.7326	3.4895	5.0706	10.218	13.361	15.507	17.534	20.090	21.954
9	1.7349	2.0879	2.7004	3.3251	4.1682	5.8988	11.388	14.683	16.919	19.022	21.666	23.589
10	2.1558	2.5583	3.2470	3.9403	4.8652	6.7372	12.548	15.987	18.307	20.483	23.209	25.188
11	2.6032	3.0535	3.8157	4.5748	5.5778	7.5841	13.700	17.275	19.675	21.920	24.725	26.756
12	3.0738	3.5706	4.4038	5.2260	6.3038	8.4384	14.845	18.549	21.026	23.336	26.217	28.299
13	3.5650	4.1069	5.0087	5.8919	7.0415	9.2991	15.983	19.811	22.362	24.735	27.688	29.819
14	4.0747	4.6604	5.6287	6.5706	7.7895	10.165	17.116	21.064	23.684	26.118	29.141	31.319
15	4.6009	5.2294	6.2621	7.2609	8.5468	11.036	18.245	22.307	24.995	27.488	30.578	32.801
16	5.1422	5.8122	6.9077	7.9616	9.3122	11.912	19.368	23.541	26.296	28.845	31.999	34.267
17	5.6973	6.4077	7.5642	8.6718	10.085	12.791	20.488	24.769	27.587	30.191	33.408	35.718
18	6.2648	7.0149	8.2307	9.3904	10.864	13.675	21.604	25.989	28.869	31.526	34.805	37.156
19	6.8439	7.6327	8.9065	10.117	11.650	14.562	22.717	27.203	30.143	32.852	36.190	38.582
20	7.4338	8.2604	9.5908	10.850	12.442	15.451	23.827	28.412	31.410	34.169	37.566	39.996
21	8.0336	8.8072	10.282	11.591	13.239	16.344	24.934	29.615	32.670	35.478	38.932	41.400
22	8.6427	9.5425	10.982	12.338	14.041	17.239	26.039	30.813	33.924	36.780	40.289	42.795
23	9.2604	10.195	11.688	13.090	14.848	18.137	27.141	32.006	35.172	38.075	41.638	44.181
24	9.8862	10.856	12.401	13.848	15.658	19.037	28.241	33.196	36.415	39.364	42.979	45.558
25	10.519	11.524	13.119	14.611	16.473	19.939	29.338	34.381	37.652	40.646	44.314	46.928
26	11.160	12.198	13.843	15.379	17.291	20.843	30.434	35.563	38.885	41.923	45.641	48.289
27	11.807	12.878	14.573	16.151	18.113	21.749	31.528	36.741	40.113	43.194	46.962	49.645
28	12.461	13.564	15.307	16.927	18.939	22.657	32.620	37.915	41.337	44.460	48.278	50.993
29	13.121	14.256	16.047	17.708	19.767	23.566	33.710	39.087	42.556	45.722	49.587	52.335
30	13.786	14.953	16.790	18.492	20.599	24.477	34.799	40.256	43.773	46.979	50.892	53.671

Table 6 : 1% Points of Fisher's F-Distribution



$\begin{matrix} n_1 \\ n_2 \end{matrix}$	1	2	3	4	5	6	8	12	24	∞
1	4052	4999	5403	5625	5764	5859	5982	6106	6234	6365
2	98.50	99.00	99.17	99.25	99.30	99.33	99.37	99.42	99.46	99.50
3	34.12	30.82	29.45	2871	28.24	27.91	27.49	27.05	26.60	26.12
4	21.20	18.00	16.69	15.98	15.52	15.21	14.80	14.37	13.93	13.46
5	16.26	13.17	12.06	11.39	10.97	10.67	10.29	9.89	9.47	9.02
6	13.74	10.92	9.78	9.15	8.75	8.47	8.10	7.72	7.31	6.88
7	12.25	9.55	8.45	7.85	7.46	7.19	6.84	6.47	6.07	5.65
8	11.26	8.65	7.59	7.01	6.63	6.37	6.03	5.67	5.28	4.86
9	10.56	8.02	6.99	6.42	6.06	5.80	5.47	5.11	4.73	4.31
10	10.04	7.56	6.55	5.99	5.64	5.39	5.06	4.71	4.33	3.91
11	9.65	7.20	6.22	5.67	5.32	5.07	4.74	4.40	4.02	3.60
12	9.33	6.93	5.95	5.41	5.06	4.82	4.50	4.16	3.78	3.36
13	9.07	6.70	5.74	5.20	4.86	4.62	4.30	3.96	3.59	3.16
14	8.86	6.51	5.56	5.03	4.69	4.46	4.14	3.80	3.43	3.00
15	8.68	6.36	5.42	4.89	4.56	4.32	4.00	3.67	3.27	2.87
16	8.53	6.23	5.29	4.77	4.44	4.20	3.89	3.55	3.18	2.75
17	8.40	6.11	5.18	4.67	4.34	4.10	3.79	3.45	3.08	2.65
18	8.28	6.01	5.09	4.58	4.25	4.01	3.71	3.37	3.00	2.57
19	8.18	5.93	5.01	4.50	4.17	3.94	3.63	3.30	2.92	2.49
20	8.10	5.85	4.94	4.43	4.10	3.87	3.56	3.23	2.86	2.42
21	8.02	5.78	4.87	4.37	4.04	3.81	3.54	3.17	2.80	2.36
22	7.94	5.72	4.82	4.31	3.99	3.76	3.45	3.12	2.75	2.31
23	7.88	5.66	4.76	4.26	3.94	3.71	3.41	3.07	2.70	2.26
24	7.82	5.61	4.72	4.22	3.90	3.67	3.36	3.03	2.66	2.21
25	7.77	5.57	4.68	4.18	3.86	3.63	3.32	2.99	2.62	2.17
26	7.72	5.53	4.64	4.18	3.82	3.59	3.29	2.96	2.58	2.13
27	7.68	5.49	4.60	4.11	3.78	3.56	3.26	2.93	2.55	2.10
28	7.64	5.45	4.57	4.07	3.75	3.53	3.23	2.90	2.52	2.06
29	7.60	0.5.42	4.54	4.04	3.73	3.50	3.20	2.87	2.49	2.03
30	7.56	5.39	4.51	4.02	3.70	3.47	3.17	2.84	2.47	2.01
40	7.31	5.18	4.31	3.83	3.51	3.29	2.99	2.66	2.29	1.80
60	7.08	4.98	4.13	3.65	3.34	3.12	4.82	2.50	2.12	1.60
120	6.85	4.79	3.95	3.48	3.17	2.96	2.66	2.34	1.95	1.38
∞	6.64	4.60	3.78	3.32	3.02	2.80	2.51	2.13	1.79	1.00

Table 7 : 5% Points of Fisher's F- Distribution



$\frac{n_1}{n_2}$	1	2	3	4	5	6	8	12	24	∞
1	161.4	199.5	215.6	224.6	230.2	234.0	238.9	243.9	249.0	254.3
2	18.51	19.00	19.16	19.25	19.30	19.33	19.37	19.41	19.45	19.50
3	10.13	9.55	9.28	9.12	9.01	8.94	8.80	8.74	8.64	8.53
4	7.71	6.94	6.59	6.39	6.26	6.16	6.04	5.91	5.77	5.63
5	6.61	5.79	5.41	5.19	5.05	4.95	4.82	4.68	4.53	4.36
6	5.99	5.14	4.76	4.53	4.39	4.28	4.15	4.00	3.84	3.67
7	5.59	4.74	4.35	4.12	3.97	3.87	3.73	3.57	3.41	3.23
8	5.32	4.46	4.07	3.84	3.67	3.58	3.44	3.28	3.12	2.93
9	5.12	4.26	3.86	3.63	3.48	3.37	3.23	3.07	2.90	2.71
10	4.96	4.10	3.71	3.48	3.33	3.22	3.07	2.91	2.74	2.54
11	4.84	3.98	3.59	3.36	3.20	3.09	2.95	2.79	2.61	2.40
12	4.75	3.88	3.49	3.26	3.11	3.00	2.85	2.69	2.50	2.30
13	4.67	3.80	3.41	3.18	3.02	2.92	2.77	2.60	2.42	2.21
14	4.60	3.74	3.34	3.11	2.96	2.85	2.70	2.53	2.35	2.13
15	4.54	3.68	3.29	3.06	2.90	2.79	2.64	2.48	2.29	2.07
16	4.49	3.63	3.24	3.01	2.87	2.74	2.59	2.42	2.24	2.01
17	4.45	3.59	3.20	2.96	2.81	2.70	2.55	2.38	2.19	1.96
18	4.41	3.55	3.16	2.93	2.77	2.65	2.51	2.34	2.15	1.92
19	4.38	3.52	3.13	2.90	2.74	2.63	2.48	2.31	2.11	1.88
20	4.35	3.49	3.10	2.87	2.71	2.60	2.45	2.28	2.08	1.84
21	4.32	3.47	3.07	2.84	2.68	2.57	2.42	2.25	2.05	1.81
22	4.30	3.44	3.05	2.82	2.66	2.55	2.40	2.23	2.03	1.78
23	4.28	3.42	3.03	2.80	2.64	2.53	2.38	2.20	2.00	1.76
24	4.26	3.40	3.01	2.78	2.62	2.51	2.36	2.18	1.95	1.73
25	4.24	3.38	2.99	2.76	2.60	2.49	2.34	2.16	1.96	1.71
26	4.22	3.37	2.98	2.74	2.59	2.47	2.32	2.15	1.95	1.69
27	4.21	3.35	2.96	2.73	2.57	2.46	2.30	2.13	1.93	1.67
28	4.20	3.34	2.95	2.71	2.56	2.44	2.29	2.12	1.91	1.65
29	4.18	3.33	2.93	2.70	2.54	2.43	2.28	2.10	1.90	1.64
30	4.17	3.32	2.92	2.69	2.53	2.42	2.27	2.09	1.89	1.62
40	4.08	3.23	2.84	2.61	2.45	2.34	2.18	2.00	1.79	1.51
60	4.00	3.15	2.76	2.52	2.37	2.25	2.10	1.92	1.70	1.39
120	3.92	3.07	2.68	2.45	2.29	2.17	2.02	1.83	1.61	1.25
∞	3.84	2.99	2.60	2.37	2.21	2.10	1.94	1.72	1.52	1.00

রেফারেন্স (References)

1. S.P.Gupta and M.P.Gupta (2023), Business Statistics, S Chand & Sons, New Delhi, India.
2. Richard I. Levin and D. S. Rubin (2023), Business Statistics, Prentice Hall Inc. New Delhi, India.
3. Murray R Spigel and Larry Stephens (2023), “Theory and Problems of Statistics: Schaum’s Outline Series.” McGraw Hill, New Delhi, India.
4. খন্দকার মোঃ সাদেকুর রহমান কাজল (২০২৪), অর্থনীতির জন্য পরিসংখ্যান, সমন্বয় পাবলিকেশন্স, ঢাকা।
5. মোঃ আব্দুল আজিজ(২০২৪), অর্থনীতির জন্য পরিসংখ্যান, দি এনজেল পাবলিকেশন্স, ঢাকা।
6. ড. নূর ইসলাম, আবুল খায়ের (২০২৪), অর্থনীতির জন্য পরিসংখ্যান, দি ইউনাইটেড পাবলিশার্স, ঢাকা।
7. এম.এ.কালাম, প্রবীর রায় (২০২৩), ব্যবসায় পরিসংখ্যান, কমার্স পাবলিকেশন্স, ঢাকা।