

Quantiles of the normal-, Student- t -, χ^2 - and F -distributions

Quantiles of the Standard-Normal distribution

95%-quantile	97,5%-quantile	99%-quantile	99,5%-quantile
1.65	1.96	2.33	2.58

95% quantiles of Student's t distributions

degrees of freedom	1	2	3	4	5	6	7	8	9	10	11	12	13	14
quantile	6.31	2.92	2.35	2.13	2.02	1.94	1.89	1.86	1.83	1.81	1.8	1.78	1.77	1.76
degrees of freedom	15	16	17	18	19	20	21	22	23	24	25	26	27	28
quantile	1.75	1.75	1.74	1.73	1.73	1.72	1.72	1.72	1.71	1.71	1.71	1.71	1.7	1.7

97.5% quantiles of Student's t distributions

degrees of freedom	1	2	3	4	5	6	7	8	9	10	11	12	13	14
quantile	12.71	4.3	3.18	2.78	2.57	2.45	2.36	2.31	2.26	2.23	2.2	2.18	2.16	2.14
degrees of freedom	15	16	17	18	19	20	21	22	23	24	25	26	27	28
quantile	2.13	2.12	2.11	2.1	2.09	2.09	2.08	2.07	2.07	2.06	2.06	2.06	2.05	2.05

99% quantiles of Student's t distributions

degrees of freedom	1	2	3	4	5	6	7	8	9	10	11	12	13	14
quantile	31.82	6.96	4.54	3.75	3.36	3.14	3	2.9	2.82	2.76	2.72	2.68	2.65	2.62
degrees of freedom	15	16	17	18	19	20	21	22	23	24	25	26	27	28
quantile	2.6	2.58	2.57	2.55	2.54	2.53	2.52	2.51	2.5	2.49	2.49	2.48	2.47	2.47

99.5% quantiles of Student's t distributions

degrees of freedom	1	2	3	4	5	6	7	8	9	10	11	12	13	14
quantile	63.66	9.92	5.84	4.6	4.03	3.71	3.5	3.36	3.25	3.17	3.11	3.05	3.01	2.98
degrees of freedom	15	16	17	18	19	20	21	22	23	24	25	26	27	28
quantile	2.95	2.92	2.9	2.88	2.86	2.85	2.83	2.82	2.81	2.8	2.79	2.78	2.77	2.76

95% quantiles of χ^2 distributions

degrees of freedom	1	2	3	4	5	6	7	8	9	10	11	12
quantile	3.84	5.99	7.81	9.49	11.07	12.59	14.07	15.51	16.92	18.31	19.68	21.03

99% quantiles of χ^2 distributions

degrees of freedom	1	2	3	4	5	6	7	8	9	10	11	12
quantile	6.63	9.21	11.34	13.28	15.09	16.81	18.48	20.09	21.67	23.21	24.72	26.22

95% quantiles of Fisher distributions for k_1 (numerator) and k_2 (denominator) degrees of freedom

$k_2 \backslash k_1$	1	2	3	4	5	6	7	8	9	10	11
1	161.45	199.5	215.71	224.58	230.16	233.99	236.77	238.88	240.54	241.88	242.98
2	18.51	19	19.16	19.25	19.3	19.33	19.35	19.37	19.38	19.4	19.4
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6	5.96	5.94
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.7
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.1	4.06	4.03
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.6
8	5.32	4.46	4.07	3.84	3.69	3.58	3.5	3.44	3.39	3.35	3.31
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.1
10	4.96	4.1	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94
11	4.84	3.98	3.59	3.36	3.2	3.09	3.01	2.95	2.9	2.85	2.82
12	4.75	3.89	3.49	3.26	3.11	3	2.91	2.85	2.8	2.75	2.72
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63
14	4.6	3.74	3.34	3.11	2.96	2.85	2.76	2.7	2.65	2.6	2.57
15	4.54	3.68	3.29	3.06	2.9	2.79	2.71	2.64	2.59	2.54	2.51
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46
17	4.45	3.59	3.2	2.96	2.81	2.7	2.61	2.55	2.49	2.45	2.41
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37
19	4.38	3.52	3.13	2.9	2.74	2.63	2.54	2.48	2.42	2.38	2.34
20	4.35	3.49	3.1	2.87	2.71	2.6	2.51	2.45	2.39	2.35	2.31
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28
22	4.3	3.44	3.05	2.82	2.66	2.55	2.46	2.4	2.34	2.3	2.26
23	4.28	3.42	3.03	2.8	2.64	2.53	2.44	2.37	2.32	2.27	2.24
24	4.26	3.4	3.01	2.78	2.62	2.51	2.42	2.36	2.3	2.25	2.22
25	4.24	3.39	2.99	2.76	2.6	2.49	2.4	2.34	2.28	2.24	2.2