Quantiles for a χ_n^2 distribution with n degrees of freedom

n/p	0.001	0.01	0.01	0.05	0.5	0.9	0.95	0.99	0.995	0.999
1	1.57×10^{-6}	0.000157	0.000157	0.00393	0.455	2.71	3.84	6.63	6.63	10.8
2	0.002	0.0201	0.0201	0.103	1.39	4.61	5.99	9.21	9.21	13.8
3	0.0243	0.115	0.115	0.352	2.37	6.25	7.81	11.3	11.3	16.3
4	0.0908	0.297	0.297	0.711	3.36	7.78	9.49	13.3	13.3	18.5
5	0.21	0.554	0.554	1.15	4.35	9.24	11.1	15.1	15.1	20.5
6	0.381	0.872	0.872	1.64	5.35	10.6	12.6	16.8	16.8	22.5
7	0.598	1.24	1.24	2.17	6.35	12	14.1	18.5	18.5	24.3
8	0.857	1.65	1.65	2.73	7.34	13.4	15.5	20.1	20.1	26.1
9	1.15	2.09	2.09	3.33	8.34	14.7	16.9	21.7	21.7	27.9
10	1.48	2.56	2.56	3.94	9.34	16	18.3	23.2	23.2	29.6
11	1.83	3.05	3.05	4.57	10.3	17.3	19.7	24.7	24.7	31.3
12	2.21	3.57	3.57	5.23	11.3	18.5	21	26.2	26.2	32.9
13	2.62	4.11	4.11	5.89	12.3	19.8	22.4	27.7	27.7	34.5
14	3.04	4.66	4.66	6.57	13.3	21.1	23.7	29.1	29.1	36.1
15	3.48	5.23	5.23	7.26	14.3	22.3	25	30.6	30.6	37.7
16	3.94	5.81	5.81	7.96	15.3	23.5	26.3	32	32	39.3
17	4.42	6.41	6.41	8.67	16.3	24.8	27.6	33.4	33.4	40.8
18	4.9	7.01	7.01	9.39	17.3	26	28.9	34.8	34.8	42.3
19	5.41	7.63	7.63	10.1	18.3	27.2	30.1	36.2	36.2	43.8
20	5.92	8.26	8.26	10.9	19.3	28.4	31.4	37.6	37.6	45.3
25	8.65	11.5	11.5	14.6	24.3	34.4	37.7	44.3	44.3	52.6
30	11.6	15	15	18.5	29.3	40.3	43.8	50.9	50.9	59.7
35	14.7	18.5	18.5	22.5	34.3	46.1	49.8	57.3	57.3	66.6
40	17.9	22.2	22.2	26.5	39.3	51.8	55.8	63.7	63.7	73.4
45	21.3	25.9	25.9	30.6	44.3	57.5	61.7	70	70	80.1
50	24.7	29.7	29.7	34.8	49.3	63.2	67.5	76.2	76.2	86.7
55	28.2	33.6	33.6	39	54.3	68.8	73.3	82.3	82.3	93.2
60	31.7	37.5	37.5	43.2	59.3	74.4	79.1	88.4	88.4	99.6
70	39	45.4	45.4	51.7	69.3	85.5	90.5	100	100	112
80	46.5	53.5	53.5	60.4	79.3	96.6	102	112	112	125
90	54.2	61.8	61.8	69.1	89.3	108	113	124	124	137
100	61.9	70.1	70.1	77.9	99.3	118	124	136	136	149