

Table 11 : Quantiles $\chi_{\nu,p}^2$ de la variable χ_{ν}^2

$$P(\chi_{\nu}^2 \leq \chi_{\nu,p}^2) = p$$

ν	p											
	0.005	0.01	0.025	0.05	0.075	0.10	0.90	0.925	0.95	0.975	0.99	0.995
1	0.00	0.00	0.00	0.00	0.01	0.02	2.71	3.17	3.84	5.02	6.63	7.88
2	0.01	0.02	0.05	0.10	0.16	0.21	4.61	5.18	5.99	7.38	9.21	10.60
3	0.07	0.11	0.22	0.35	0.47	0.58	6.25	6.90	7.81	9.35	11.35	12.84
4	0.21	0.30	0.48	0.71	0.90	1.06	7.78	8.50	9.49	11.14	13.28	14.86
5	0.41	0.55	0.83	1.15	1.39	1.61	9.24	10.01	11.07	12.83	15.09	16.75
6	0.68	0.87	1.24	1.64	1.94	2.20	10.65	11.47	12.59	14.45	16.81	18.55
7	0.99	1.24	1.69	2.17	2.53	2.83	12.02	12.88	14.07	16.01	18.48	20.28
8	1.34	1.65	2.18	2.73	3.14	3.49	13.36	14.27	15.51	17.54	20.09	21.96
9	1.73	2.09	2.70	3.33	3.78	4.17	14.68	15.63	16.92	19.02	21.67	23.59
10	2.16	2.56	3.25	3.94	4.45	4.87	15.99	16.97	18.31	20.48	23.21	25.19
11	2.60	3.05	3.82	4.57	5.12	5.58	17.28	18.29	19.68	21.92	24.73	26.76
12	3.07	3.57	4.40	5.23	5.82	6.30	18.55	19.60	21.03	23.34	26.22	28.30
13	3.57	4.11	5.01	5.89	6.52	7.04	19.81	20.90	22.36	24.74	27.69	29.82
14	4.07	4.66	5.63	6.57	7.24	7.79	21.06	22.18	23.69	26.12	29.14	31.32
15	4.60	5.23	6.26	7.26	7.97	8.55	22.31	23.45	25.00	27.49	30.58	32.80
16	5.14	5.81	6.91	7.96	8.71	9.31	23.54	24.72	26.30	28.85	32.00	34.27
17	5.70	6.41	7.56	8.67	9.45	10.09	24.77	25.97	27.59	30.19	33.41	35.72
18	6.26	7.01	8.23	9.39	10.21	10.87	25.99	27.22	28.87	31.53	34.81	37.16
19	6.84	7.63	8.91	10.12	10.97	11.65	27.20	28.46	30.14	32.85	36.19	38.58
20	7.43	8.26	9.59	10.85	11.73	12.44	28.41	29.69	31.41	34.17	37.57	40.00
21	8.03	8.90	10.28	11.59	12.50	13.24	29.62	30.92	32.67	35.48	38.93	41.40
22	8.64	9.54	10.98	12.34	13.28	14.04	30.81	32.14	33.92	36.78	40.29	42.80
23	9.26	10.20	11.69	13.09	14.07	14.85	32.01	33.36	35.17	38.08	41.64	44.18
24	9.89	10.86	12.40	13.85	14.85	15.66	33.20	34.57	36.42	39.36	42.98	45.56
25	10.52	11.52	13.12	14.61	15.65	16.47	34.38	35.78	37.65	40.65	44.31	46.93
26	11.16	12.20	13.84	15.38	16.44	17.29	35.56	36.98	38.89	41.92	45.64	48.29
27	11.81	12.88	14.57	16.15	17.24	18.11	36.74	38.18	40.11	43.20	46.96	49.65
28	12.46	13.57	15.31	16.93	18.05	18.94	37.92	39.38	41.34	44.46	48.28	50.99
29	13.12	14.26	16.05	17.71	18.85	19.77	39.09	40.57	42.56	45.72	49.59	52.34
30	13.79	14.95	16.79	18.49	19.66	20.60	40.26	41.76	43.77	46.98	50.89	53.67
31	14.46	15.66	17.54	19.28	20.48	21.43	41.42	42.95	44.99	48.23	52.19	55.00
32	15.13	16.36	18.29	20.07	21.30	22.27	42.59	44.13	46.19	49.48	53.49	56.33
33	15.82	17.07	19.05	20.87	22.12	23.11	43.75	45.31	47.40	50.73	54.78	57.65
34	16.50	17.79	19.81	21.66	22.94	23.95	44.90	46.49	48.60	51.97	56.06	58.96
35	17.19	18.51	20.57	22.47	23.76	24.80	46.06	47.66	49.80	53.20	57.34	60.28
36	17.89	19.23	21.34	23.27	24.59	25.64	47.21	48.84	51.00	54.44	58.62	61.58
37	18.59	19.96	22.11	24.08	25.42	26.49	48.36	50.01	52.19	55.67	59.89	62.88
38	19.29	20.69	22.88	24.88	26.25	27.34	49.51	51.17	53.38	56.90	61.16	64.18
39	20.00	21.43	23.65	25.70	27.09	28.20	50.66	52.34	54.57	58.12	62.43	65.48
40	20.71	22.16	24.43	26.51	27.93	29.05	51.81	53.50	55.76	59.34	63.69	66.77
41	21.42	22.91	25.22	27.33	28.77	29.91	52.95	54.66	56.94	60.56	64.95	68.05
42	22.14	23.65	26.00	28.14	29.61	30.77	54.09	55.82	58.12	61.78	66.21	69.34
43	22.86	24.40	26.79	28.97	30.45	31.63	55.23	56.98	59.30	62.99	67.46	70.62
44	23.58	25.15	27.58	29.79	31.29	32.49	56.37	58.13	60.48	64.20	68.71	71.89
45	24.31	25.90	28.37	30.61	32.14	33.35	57.51	59.29	61.66	65.41	69.96	73.17
46	25.04	26.66	29.16	31.44	32.99	34.22	58.64	60.44	62.83	66.62	71.20	74.44
47	25.78	27.42	29.96	32.27	33.84	35.08	59.77	61.59	64.00	67.82	72.44	75.70
48	26.51	28.18	30.76	33.10	34.69	35.95	60.91	62.74	65.17	69.02	73.68	76.97
49	27.25	28.94	31.56	33.93	35.54	36.82	62.04	63.89	66.34	70.22	74.92	78.23

Table 11 (suite) : Quantiles $\chi_{\nu,p}^2$ de la variable χ_{ν}^2

ν	p											
	0.005	0.01	0.025	0.05	0.075	0.10	0.90	0.925	0.95	0.975	0.99	0.995
50	27.99	29.71	32.36	34.76	36.40	37.69	63.17	65.03	67.51	71.42	76.15	79.49
51	28.74	30.48	33.16	35.60	37.25	38.56	64.30	66.17	68.67	72.62	77.39	80.75
52	29.48	31.25	33.97	36.44	38.11	39.43	65.42	67.32	69.83	73.81	78.62	82.00
53	30.23	32.02	34.78	37.28	38.97	40.31	66.55	68.46	70.99	75.00	79.84	83.25
54	30.98	32.79	35.59	38.12	39.83	41.18	67.67	69.60	72.15	76.19	81.07	84.50
55	31.74	33.57	36.40	38.96	40.69	42.06	68.80	70.74	73.31	77.38	82.29	85.75
56	32.49	34.35	37.21	39.80	41.55	42.94	69.92	71.87	74.47	78.57	83.51	86.99
57	33.25	35.13	38.03	40.65	42.42	43.82	71.04	73.01	75.62	79.75	84.73	88.24
58	34.01	35.91	38.84	41.49	43.28	44.70	72.16	74.15	76.78	80.94	85.95	89.48
59	34.77	36.70	39.66	42.34	44.15	45.58	73.28	75.28	77.93	82.12	87.17	90.72
60	35.53	37.49	40.48	43.19	45.02	46.46	74.40	76.41	79.08	83.30	88.38	91.95
61	36.30	38.27	41.30	44.04	45.89	47.34	75.51	77.54	80.23	84.48	89.59	93.19
62	37.07	39.06	42.13	44.89	46.76	48.23	76.63	78.67	81.38	85.65	90.80	94.42
63	37.84	39.86	42.95	45.74	47.63	49.11	77.75	79.80	82.53	86.83	92.01	95.65
64	38.61	40.65	43.78	46.60	48.50	50.00	78.86	80.93	83.68	88.00	93.22	96.88
65	39.38	41.44	44.60	47.45	49.37	50.88	79.97	82.06	84.82	89.18	94.42	98.11
66	40.16	42.24	45.43	48.31	50.24	51.77	81.09	83.18	85.97	90.35	95.63	99.33
67	40.94	43.04	46.26	49.16	51.12	52.66	82.20	84.31	87.11	91.52	96.83	100.55
68	41.71	43.84	47.09	50.02	51.99	53.55	83.31	85.43	88.25	92.69	98.03	101.78
69	42.49	44.64	47.92	50.88	52.87	54.44	84.42	86.56	89.39	93.86	99.23	103.00
70	43.28	45.44	48.76	51.74	53.75	55.33	85.53	87.68	90.53	95.02	100.43	104.21
71	44.06	46.25	49.59	52.60	54.63	56.22	86.64	88.80	91.67	96.19	101.62	105.43
72	44.84	47.05	50.43	53.46	55.51	57.11	87.74	89.92	92.81	97.35	102.82	106.65
73	45.63	47.86	51.27	54.33	56.39	58.01	88.85	91.04	93.95	98.52	104.01	107.86
74	46.42	48.67	52.10	55.19	57.27	58.90	89.96	92.16	95.08	99.68	105.20	109.07
75	47.21	49.48	52.94	56.05	58.15	59.80	91.06	93.28	96.22	100.84	106.39	110.29
76	48.00	50.29	53.78	56.92	59.03	60.69	92.17	94.40	97.35	102.00	107.58	111.50
77	48.79	51.10	54.62	57.79	59.91	61.59	93.27	95.52	98.48	103.16	108.77	112.70
78	49.58	51.91	55.47	58.65	60.80	62.48	94.37	96.63	99.62	104.32	109.96	113.91
79	50.38	52.73	56.31	59.52	61.68	63.38	95.48	97.75	100.75	105.47	111.14	115.12
80	51.17	53.54	57.15	60.39	62.57	64.28	96.58	98.86	101.88	106.63	112.33	116.32
81	51.97	54.36	58.00	61.26	63.45	65.18	97.68	99.97	103.01	107.78	113.51	117.52
82	52.77	55.17	58.85	62.13	64.34	66.08	98.78	101.09	104.14	108.94	114.69	118.73
83	53.57	55.99	59.69	63.00	65.23	66.98	99.88	102.20	105.27	110.09	115.88	119.93
84	54.37	56.81	60.54	63.88	66.12	67.88	100.98	103.31	106.39	111.24	117.06	121.13
85	55.17	57.63	61.39	64.75	67.01	68.78	102.08	104.42	107.52	112.39	118.24	122.32
86	55.97	58.46	62.24	65.62	67.90	69.68	103.18	105.53	108.65	113.54	119.41	123.52
87	56.78	59.28	63.09	66.50	68.79	70.58	104.28	106.64	109.77	114.69	120.59	124.72
88	57.58	60.10	63.94	67.37	69.68	71.48	105.37	107.75	110.90	115.84	121.77	125.91
89	58.39	60.93	64.79	68.25	70.57	72.39	106.47	108.86	112.02	116.99	122.94	127.11
90	59.20	61.75	65.65	69.13	71.46	73.29	107.57	109.97	113.15	118.14	124.12	128.30
91	60.01	62.58	66.50	70.00	72.35	74.20	108.66	111.08	114.27	119.28	125.29	129.49
92	60.82	63.41	67.36	70.88	73.25	75.10	109.76	112.18	115.39	120.43	126.46	130.68
93	61.63	64.24	68.21	71.76	74.14	76.01	110.85	113.29	116.51	121.57	127.63	131.87
94	62.44	65.07	69.07	72.64	75.03	76.91	111.94	114.39	117.63	122.72	128.80	133.06
95	63.25	65.90	69.93	73.52	75.93	77.82	113.04	115.50	118.75	123.86	129.97	134.25
96	64.06	66.73	70.78	74.40	76.82	78.73	114.13	116.60	119.87	125.00	131.14	135.43
97	64.88	67.56	71.64	75.28	77.72	79.63	115.22	117.71	120.99	126.14	132.31	136.62
98	65.69	68.40	72.50	76.16	78.62	80.54	116.32	118.81	122.11	127.28	133.48	137.80
99	66.51	69.23	73.36	77.05	79.51	81.45	117.41	119.91	123.23	128.42	134.64	138.99
100	67.33	70.07	74.22	77.93	80.41	82.36	118.50	121.02	124.34	129.56	135.81	140.17