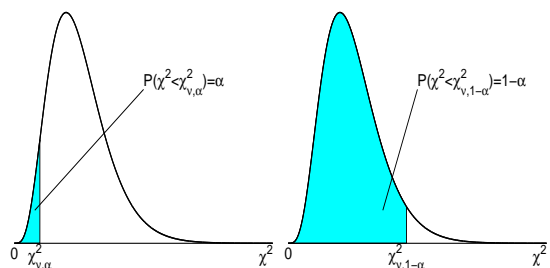


# Στατιστικός Πίνακας Κατανομής $\chi^2$

$\nu$ : βαθμοί ελευθερίας

$\alpha$  ή  $1 - \alpha$ : τιμή αθροιστικής συνάρτησης



Παράδειγμα:

$$\nu = 10, \alpha = 0.05 \implies$$

$$\chi^2_{10,0.05} = 3.94$$

$$\chi^2_{10,0.95} = 18.31$$

$$\nu = 18, \alpha = 0.025 \implies$$

$$\chi^2_{18,0.025} = 8.23$$

$$\chi^2_{18,0.975} = 31.53$$

$\nu$	$\alpha$					$1 - \alpha$				
	0.001	0.005	0.010	0.025	0.050	0.950	0.975	0.990	0.995	0.999
1	0.00	0.00	0.00	0.00	0.00	3.84	5.02	6.63	7.88	10.83
2	0.00	0.01	0.02	0.05	0.10	5.99	7.38	9.21	10.60	13.82
3	0.02	0.07	0.11	0.22	0.35	7.81	9.35	11.34	12.84	16.27
4	0.09	0.21	0.30	0.48	0.71	9.49	11.14	13.28	14.86	18.47
5	0.21	0.41	0.55	0.83	1.15	11.07	12.83	15.09	16.75	20.52
6	0.38	0.68	0.87	1.24	1.64	12.59	14.45	16.81	18.55	22.46
7	0.60	0.99	1.24	1.69	2.17	14.07	16.01	18.48	20.28	24.32
8	0.86	1.34	1.65	2.18	2.73	15.51	17.53	20.09	21.95	26.12
9	1.15	1.73	2.09	2.70	3.33	16.92	19.02	21.67	23.59	27.88
10	1.48	2.16	2.56	3.25	3.94	18.31	20.48	23.21	25.19	29.59
11	1.83	2.60	3.05	3.82	4.57	19.68	21.92	24.72	26.76	31.26
12	2.21	3.07	3.57	4.40	5.23	21.03	23.34	26.22	28.30	32.91
13	2.62	3.57	4.11	5.01	5.89	22.36	24.74	27.69	29.82	34.53
14	3.04	4.07	4.66	5.63	6.57	23.68	26.12	29.14	31.32	36.12
15	3.48	4.60	5.23	6.26	7.26	25.00	27.49	30.58	32.80	37.70
16	3.94	5.14	5.81	6.91	7.96	26.30	28.85	32.00	34.27	39.25
17	4.42	5.70	6.41	7.56	8.67	27.59	30.19	33.41	35.72	40.79
18	4.90	6.26	7.01	8.23	9.39	28.87	31.53	34.81	37.16	42.31
19	5.41	6.84	7.63	8.91	10.12	30.14	32.85	36.19	38.58	43.82
20	5.92	7.43	8.26	9.59	10.85	31.41	34.17	37.57	40.00	45.31
21	6.45	8.03	8.90	10.28	11.59	32.67	35.48	38.93	41.40	46.80
22	6.98	8.64	9.54	10.98	12.34	33.92	36.78	40.29	42.80	48.27
23	7.53	9.26	10.20	11.69	13.09	35.17	38.08	41.64	44.18	49.73
24	8.08	9.89	10.86	12.40	13.85	36.42	39.36	42.98	45.56	51.18
25	8.65	10.52	11.52	13.12	14.61	37.65	40.65	44.31	46.93	52.62
26	9.22	11.16	12.20	13.84	15.38	38.89	41.92	45.64	48.29	54.05
27	9.80	11.81	12.88	14.57	16.15	40.11	43.19	46.96	49.64	55.48
28	10.39	12.46	13.56	15.31	16.93	41.34	44.46	48.28	50.99	56.89
29	10.99	13.12	14.26	16.05	17.71	42.56	45.72	49.59	52.34	58.30
30	11.59	13.79	14.95	16.79	18.49	43.77	46.98	50.89	53.67	59.70
32	12.81	15.13	16.36	18.29	20.07	46.19	49.48	53.49	56.33	62.49
34	14.06	16.50	17.79	19.81	21.66	48.60	51.97	56.06	58.96	65.25
36	15.32	17.89	19.23	21.34	23.27	51.00	54.44	58.62	61.58	67.99
38	16.61	19.29	20.69	22.88	24.88	53.38	56.90	61.16	64.18	70.70
40	17.92	20.71	22.16	24.43	26.51	55.76	59.34	63.69	66.77	73.40
50	24.67	27.99	29.71	32.36	34.76	67.50	71.42	76.15	79.49	86.66
60	31.74	35.53	37.48	40.48	43.19	79.08	83.30	88.38	91.95	99.61
100	61.92	67.33	70.06	74.22	77.93	124.34	129.56	135.81	140.17	149.45
120	77.76	83.85	86.92	91.57	95.70	146.57	152.21	158.95	163.65	173.62
150	102.11	109.14	112.67	117.98	122.69	179.58	185.80	193.21	198.36	209.26
200	143.84	152.24	156.43	162.73	168.28	233.99	241.06	249.45	255.26	267.54
300	229.96	240.66	245.97	253.91	260.88	341.40	349.87	359.91	366.84	381.43
400	318.26	330.90	337.16	346.48	354.64	447.63	457.31	468.72	476.61	493.13
$\infty$	867.48	888.56	898.91	914.26	927.59	1074.68	1089.53	1106.97	1118.95	1143.92