

Quantile $\chi^2_{\alpha;k}$ défini par $P(W > \chi^2_{\alpha;k}) = \alpha$ avec $W \sim \chi^2_k$

	α														
k	0.001	0.005	0.010	0.025	0.050	0.100	0.250	0.500	0.750	0.900	0.950	0.975	0.990	0.995	0.999
1	10.827566	7.879439	6.634897	5.023886	3.841459	2.705543	1.323304	0.454936	0.101531	0.015791	0.003932	0.000982	0.000157	0.000039	0.000002
2	13.815511	10.596635	9.210340	7.377759	5.991465	4.605170	2.772589	1.386294	0.575364	0.210721	0.102587	0.050636	0.020101	0.010025	0.002001
3	16.266236	12.838156	11.344867	9.348404	7.814728	6.251389	4.108345	2.365974	1.212533	0.584374	0.351846	0.215795	0.114832	0.071722	0.024298
4	18.466827	14.860259	13.276704	11.143287	9.487729	7.779440	5.385269	3.356694	1.922558	1.063623	0.710723	0.484419	0.297109	0.206989	0.090804
5	20.515006	16.749602	15.086272	12.832502	11.070498	9.236357	6.625680	4.351460	2.674603	1.610308	1.145476	0.831212	0.554298	0.411742	0.210213
6	22.457744	18.547584	16.811894	14.449375	12.591587	10.644641	7.840804	5.348121	3.454599	2.204131	1.635383	1.237344	0.872090	0.675727	0.381067
7	24.321886	20.277740	18.475307	16.012764	14.067140	12.017037	9.037148	6.345811	4.254852	2.833107	2.167350	1.689869	1.239042	0.989256	0.598494
8	26.124482	21.954955	20.090235	17.534546	15.507313	13.361566	10.218855	7.344121	5.070640	3.489539	2.732637	2.179731	1.646497	1.344413	0.857105
9	27.877165	23.589351	21.665994	19.022768	16.918978	14.683657	11.388751	8.342833	5.898826	4.168159	3.325113	2.700389	2.087901	1.734933	1.151950
10	29.588298	25.188180	23.209251	20.483177	18.307038	15.987179	12.548861	9.341818	6.737201	4.865182	3.940299	3.246973	2.558212	2.155856	1.478743
11	31.264134	26.756849	24.724970	21.920049	19.675138	17.275009	13.700693	10.340998	7.584143	5.577785	4.574813	3.815748	3.053484	2.603222	1.833853
12	32.909490	28.299519	26.216967	23.336664	21.026070	18.549348	14.845404	11.340322	8.438419	6.303796	5.226029	4.403789	3.570569	3.073824	2.214209
13	34.528179	29.819471	27.688250	24.735605	22.362032	19.811929	15.983906	12.339756	9.299066	7.041505	5.891864	5.008751	4.106915	3.565035	2.617218
14	36.123274	31.319350	29.141238	26.118948	23.684791	21.064144	17.116934	13.339274	10.165314	7.789534	6.570631	5.628726	4.660425	4.074675	3.040673
15	37.697298	32.801321	30.577914	27.488393	24.995790	22.307130	18.245086	14.338860	11.036538	8.546756	7.260944	6.262138	5.229349	4.600916	3.482684
16	39.252355	34.267187	31.999927	28.845351	26.296228	23.541829	19.368860	15.338499	11.912220	9.312236	7.961646	6.907664	5.812212	5.142205	3.941628
17	40.790217	35.718466	33.408664	30.191009	27.587112	24.769035	20.488676	16.338182	12.791926	10.085186	8.671760	7.564186	6.407760	5.697217	4.416093
18	42.312396	37.156451	34.805306	31.526378	28.869299	25.989423	21.604890	17.337902	13.675290	10.864936	9.390455	8.230746	7.014911	6.264805	4.904849
19	43.820196	38.582257	36.190869	32.852327	30.143527	27.203571	22.717807	18.337653	14.561997	11.650910	10.117013	8.906516	7.632730	6.843971	5.406816
20	45.314747	39.996846	37.566235	34.169607	31.410433	28.411981	23.827692	19.337429	15.451774	12.442609	10.850811	9.590777	8.260398	7.433844	5.921041
21	46.797038	41.401065	38.932173	35.478876	32.670573	29.615089	24.934777	20.337228	16.344384	13.239598	11.591305	10.282898	8.897198	8.033653	6.446677
22	48.267942	42.795655	40.289360	36.780712	33.924438	30.813282	26.039265	21.337045	17.239619	14.041493	12.338015	10.982321	9.542492	8.642716	6.982968
23	49.728232	44.181275	41.638398	38.075627	35.172462	32.006900	27.141336	22.336878	18.137297	14.847956	13.090514	11.688552	10.195716	9.260425	7.529240
24	51.178598	45.558512	42.979820	39.364077	36.415029	33.196244	28.241150	23.336726	19.037253	15.658684	13.848425	12.401150	10.856361	9.886234	8.084882
25	52.619656	46.927890	44.314105	40.646469	37.652484	34.381587	29.338850	24.336587	19.939341	16.473408	14.611408	13.119720	11.523975	10.519652	8.649344
26	54.051962	48.289882	45.641683	41.923170	38.885139	35.563171	30.434565	25.336458	20.843431	17.291885	15.379157	13.843905	12.198147	11.160237	9.222127
27	55.476020	49.644915	46.962942	43.194511	40.113272	36.741217	31.528412	26.336339	21.749405	18.113896	16.151396	14.573383	12.878504	11.807587	9.802777
28	56.892285	50.993376	48.278236	44.460792	41.337138	37.915923	32.620494	27.336229	22.657156	18.939242	16.927875	15.307861	13.564710	12.461336	10.390879
29	58.301173	52.335618	49.587884	45.722286	42.556968	39.087470	33.710909	28.336127	23.566586	19.767744	17.708366	16.047072	14.256455	13.121149	10.986053
30	59.703064	53.671962	50.892181	46.979242	43.772972	40.256024	34.799743	29.336032	24.477608	20.599235	18.492661	16.790772	14.953457	13.786720	11.587951
40	73.401958	66.765962	63.690740	59.341707	55.758479	51.805057	45.616014	39.335345	33.660295	29.050523	26.509303	24.433039	22.164261	20.706535	17.916427
50	86.660815	79.489978	76.153891	71.420195	67.504807	63.167121	56.333605	49.334937	42.942084	37.688648	34.764252	32.357364	29.706683	27.990749	24.673905
60	99.607233	91.951698	88.379419	83.297675	79.081944	74.397006	66.981461	59.334666	52.293817	46.458888	43.187958	40.481748	37.484852	35.534491	31.738342
70	112.316932	104.214899	100.425184	95.023184	90.531225	85.527043	77.576655	69.334474	61.698330	55.328940	51.739278	48.757565	45.441717	43.275180	39.036377
80	124.839224	116.321057	112.328793	106.628568	101.879474	96.578204	88.130258	79.334330	71.144509	64.277844	60.391478	57.153173	53.540077	51.171932	46.519876
90	137.208354	128.298944	124.116319	118.135893	113.145270	107.565009	98.649932	89.334218	80.624665	73.291090	69.126030	65.646618	61.754079	59.196304	54.155244
100	149.449253	140.169489	135.806723	129.561197	124.342113	118.498004	109.141241	99.334129	90.133220	82.358136	77.929465	74.221927	70.064895	67.327563	61.917939
110	161.580740	151.948483	147.414305	140.916573	135.480178	129.385136	119.608378	109.334056	99.665972	91.471037	86.791628	82.867054	78.458310	75.550045	69.789390
120	173.617436	163.648184	158.950166	152.211403	146.567358	140.232569	130.054594	119.333996	109.219664	100.623631	95.704637	91.572642	86.923280	83.851572	77.755140