

Table des lois du χ^2

Si $X \sim \chi_n^2$ alors dans le tableau, la valeur t à l'intersection de la ligne n et de la colonne m vérifie (assez bien) $\mathbb{P}(X \leq t) = m$.

	0.001	0.005	0.025	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.975	0.995	0.999
1	0.0	0.0	0.001	0.003	0.015	0.062	0.145	0.271	0.45	0.703	1.069	1.636	2.699	3.834	5.017	7.872	10.819
2	0.002	0.01	0.051	0.103	0.211	0.446	0.713	1.022	1.386	1.833	2.408	3.219	4.605	5.991	7.378	10.597	13.816
3	0.024	0.072	0.216	0.352	0.584	1.005	1.424	1.869	2.366	2.946	3.665	4.642	6.251	7.815	9.348	12.838	16.266
4	0.091	0.207	0.484	0.711	1.064	1.649	2.195	2.753	3.357	4.045	4.878	5.989	7.779	9.488	11.143	14.86	18.467
5	0.21	0.412	0.831	1.145	1.61	2.343	3.0	3.656	4.351	5.132	6.064	7.289	9.236	11.07	12.833	16.75	20.515
6	0.381	0.676	1.237	1.635	2.204	3.07	3.828	4.57	5.348	6.211	7.231	8.558	10.645	12.592	14.449	18.548	22.458
7	0.598	0.989	1.69	2.167	2.833	3.822	4.671	5.493	6.346	7.283	8.383	9.803	12.017	14.067	16.013	20.278	24.322
8	0.857	1.344	2.18	2.733	3.49	4.594	5.527	6.423	7.344	8.351	9.524	11.03	13.362	15.507	17.535	21.955	26.124
9	1.152	1.735	2.7	3.325	4.168	5.38	6.393	7.357	8.343	9.414	10.656	12.242	14.684	16.919	19.023	23.589	27.877
10	1.479	2.156	3.247	3.94	4.865	6.179	7.267	8.295	9.342	10.473	11.781	13.442	15.987	18.307	20.483	25.188	29.588
11	1.834	2.603	3.816	4.575	5.578	6.989	8.148	9.237	10.341	11.53	12.899	14.631	17.275	19.675	21.92	26.757	31.264
12	2.214	3.074	4.404	5.226	6.304	7.807	9.034	10.182	11.34	12.584	14.011	15.812	18.549	21.026	23.337	28.3	32.909
13	2.617	3.565	5.009	5.892	7.042	8.634	9.926	11.129	12.34	13.636	15.119	16.985	19.812	22.362	24.736	29.819	34.528
14	3.041	4.075	5.629	6.571	7.79	9.467	10.821	12.078	13.339	14.685	16.222	18.151	21.064	23.685	26.119	31.319	36.123
15	3.483	4.601	6.262	7.261	8.547	10.307	11.721	13.03	14.339	15.733	17.322	19.311	22.307	24.996	27.488	32.801	37.697
16	3.942	5.142	6.908	7.962	9.312	11.152	12.624	13.983	15.339	16.78	18.418	20.465	23.542	26.296	28.845	34.267	39.252
17	4.416	5.697	7.564	8.672	10.085	12.002	13.531	14.937	16.338	17.824	19.511	21.615	24.769	27.587	30.191	35.718	40.79
18	4.905	6.265	8.231	9.39	10.865	12.857	14.44	15.893	17.338	18.868	20.601	22.76	25.989	28.869	31.526	37.156	42.312
19	5.407	6.844	8.907	10.117	11.651	13.716	15.352	16.85	18.338	19.91	21.689	23.9	27.204	30.144	32.852	38.582	43.82
20	5.921	7.434	9.591	10.851	12.443	14.578	16.266	17.809	19.337	20.951	22.775	25.038	28.412	31.41	34.17	39.997	45.315
21	6.447	8.034	10.283	11.591	13.24	15.445	17.182	18.768	20.337	21.992	23.858	26.171	29.615	32.671	35.479	41.401	46.797
22	6.983	8.643	10.982	12.338	14.042	16.314	18.101	19.729	21.337	23.031	24.939	27.301	30.813	33.924	36.781	42.796	48.268
23	7.529	9.26	11.689	13.091	14.848	17.187	19.021	20.69	22.337	24.069	26.018	28.429	32.007	35.172	38.076	44.181	49.728
24	8.085	9.886	12.401	13.848	15.659	18.062	19.943	21.652	23.337	25.106	27.096	29.553	33.196	36.415	39.364	45.559	51.179
25	8.649	10.52	13.12	14.611	16.473	18.94	20.867	22.616	24.337	26.143	28.172	30.675	34.382	37.652	40.646	46.928	52.62

	0.001	0.005	0.025	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.975	0.995	0.999
26	9.222	11.16	13.844	15.379	17.292	19.82	21.792	23.579	25.336	27.179	29.246	31.795	35.563	38.885	41.923	48.29	54.052
27	9.803	11.808	14.573	16.151	18.114	20.703	22.719	24.544	26.336	28.214	30.319	32.912	36.741	40.113	43.195	49.645	55.476
28	10.391	12.461	15.308	16.928	18.939	21.588	23.647	25.509	27.336	29.249	31.391	34.027	37.916	41.337	44.461	50.993	56.892
29	10.986	13.121	16.047	17.708	19.768	22.475	24.577	26.475	28.336	30.283	32.461	35.139	39.087	42.557	45.722	52.336	58.301
30	11.588	13.787	16.791	18.493	20.599	23.364	25.508	27.442	29.336	31.316	33.53	36.25	40.256	43.773	46.979	53.672	59.703
31	12.196	14.458	17.539	19.281	21.434	24.255	26.44	28.409	30.336	32.349	34.598	37.359	41.422	44.985	48.232	55.003	61.098
32	12.811	15.134	18.291	20.072	22.271	25.148	27.373	29.376	31.336	33.381	35.665	38.466	42.585	46.194	49.48	56.328	62.487
33	13.431	15.815	19.047	20.867	23.11	26.042	28.307	30.344	32.336	34.413	36.731	39.572	43.745	47.4	50.725	57.648	63.87
34	14.057	16.501	19.806	21.664	23.952	26.938	29.242	31.313	33.336	35.444	37.795	40.676	44.903	48.602	51.966	58.964	65.247
35	14.688	17.192	20.569	22.465	24.797	27.836	30.178	32.282	34.336	36.475	38.859	41.778	46.059	49.802	53.203	60.275	66.619
36	15.324	17.887	21.336	23.269	25.643	28.735	31.115	33.252	35.336	37.505	39.922	42.879	47.212	50.998	54.437	61.581	67.985
37	15.965	18.586	22.106	24.075	26.492	29.635	32.053	34.222	36.336	38.535	40.984	43.978	48.363	52.192	55.668	62.883	69.346
38	16.611	19.289	22.878	24.884	27.343	30.537	32.992	35.192	37.335	39.564	42.045	45.076	49.513	53.384	56.896	64.181	70.703
39	17.262	19.996	23.654	25.695	28.196	31.441	33.932	36.163	38.335	40.593	43.105	46.173	50.66	54.572	58.12	65.476	72.055
40	17.916	20.707	24.433	26.509	29.051	32.345	34.872	37.134	39.335	41.622	44.165	47.269	51.805	55.758	59.342	66.766	73.402
41	18.575	21.421	25.215	27.326	29.907	33.251	35.813	38.106	40.335	42.651	45.224	48.363	52.949	56.942	60.561	68.053	74.745
42	19.239	22.138	25.999	28.144	30.765	34.157	36.755	39.077	41.335	43.679	46.282	49.456	54.09	58.124	61.777	69.336	76.084
43	19.906	22.859	26.785	28.965	31.625	35.065	37.698	40.05	42.335	44.706	47.339	50.548	55.23	59.304	62.99	70.616	77.419
44	20.576	23.584	27.575	29.787	32.487	35.974	38.641	41.022	43.335	45.734	48.396	51.639	56.369	60.481	64.201	71.893	78.75
45	21.251	24.311	28.366	30.612	33.35	36.884	39.585	41.995	44.335	46.761	49.452	52.729	57.505	61.656	65.41	73.166	80.077
46	21.929	25.041	29.16	31.439	34.215	37.795	40.529	42.968	45.335	47.787	50.507	53.818	58.641	62.83	66.617	74.437	81.4
47	22.61	25.775	29.956	32.268	35.081	38.708	41.474	43.942	46.335	48.814	51.562	54.906	59.774	64.001	67.821	75.704	82.72
48	23.295	26.511	30.755	33.098	35.949	39.621	42.42	44.915	47.335	49.84	52.616	55.993	60.907	65.171	69.023	76.969	84.037
49	23.983	27.249	31.555	33.93	36.818	40.534	43.366	45.889	48.335	50.866	53.67	57.079	62.038	66.339	70.222	78.231	85.351
50	24.674	27.991	32.357	34.764	37.689	41.449	44.313	46.864	49.335	51.892	54.723	58.164	63.167	67.505	71.42	79.49	86.661

	0.001	0.005	0.025	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.975	0.995	0.999
51	25.368	28.735	33.162	35.6	38.56	42.365	45.261	47.838	50.335	52.917	55.775	59.248	64.295	68.669	72.616	80.747	87.968
52	26.065	29.481	33.968	36.437	39.433	43.281	46.209	48.813	51.335	53.942	56.827	60.332	65.422	69.832	73.81	82.001	89.272
53	26.765	30.23	34.776	37.276	40.308	44.199	47.157	49.788	52.335	54.967	57.879	61.414	66.548	70.993	75.002	83.253	90.573
54	27.468	30.981	35.586	38.116	41.183	45.117	48.106	50.764	53.335	55.992	58.93	62.496	67.673	72.153	76.192	84.502	91.872
55	28.173	31.735	36.398	38.958	42.06	46.036	49.055	51.739	54.335	57.016	59.98	63.577	68.796	73.311	77.38	85.749	93.168
56	28.881	32.49	37.212	39.801	42.937	46.955	50.005	52.715	55.335	58.04	61.031	64.658	69.919	74.468	78.567	86.994	94.461
57	29.592	33.248	38.027	40.646	43.816	47.876	50.956	53.691	56.335	59.064	62.08	65.737	71.04	75.624	79.752	88.236	95.751
58	30.305	34.008	38.844	41.492	44.696	48.797	51.906	54.667	57.335	60.088	63.129	66.816	72.16	76.778	80.936	89.477	97.039
59	31.02	34.77	39.662	42.339	45.577	49.718	52.858	55.643	58.335	61.112	64.178	67.894	73.279	77.931	82.117	90.715	98.324
60	31.738	35.535	40.482	43.188	46.459	50.641	53.809	56.62	59.335	62.135	65.227	68.972	74.397	79.082	83.298	91.952	99.607
61	32.459	36.301	41.303	44.038	47.342	51.564	54.761	57.597	60.335	63.158	66.274	70.049	75.514	80.232	84.476	93.186	100.888
62	33.181	37.068	42.126	44.889	48.226	52.487	55.714	58.574	61.335	64.181	67.322	71.125	76.63	81.381	85.654	94.419	102.166
63	33.906	37.838	42.95	45.741	49.111	53.412	56.666	59.551	62.335	65.204	68.369	72.201	77.745	82.529	86.83	95.649	103.442
64	34.633	38.61	43.776	46.595	49.996	54.337	57.62	60.528	63.335	66.226	69.416	73.276	78.86	83.675	88.004	96.878	104.716
65	35.362	39.383	44.603	47.45	50.883	55.262	58.573	61.506	64.335	67.249	70.462	74.351	79.973	84.821	89.177	98.105	105.988
66	36.093	40.158	45.431	48.305	51.77	56.188	59.527	62.484	65.335	68.271	71.508	75.424	81.085	85.965	90.349	99.33	107.258
67	36.826	40.935	46.261	49.162	52.659	57.115	60.481	63.461	66.335	69.293	72.554	76.498	82.197	87.108	91.519	100.554	108.526
68	37.561	41.713	47.092	50.02	53.548	58.042	61.436	64.44	67.335	70.315	73.6	77.571	83.308	88.25	92.689	101.776	109.791
69	38.298	42.494	47.924	50.879	54.438	58.97	62.391	65.418	68.335	71.337	74.645	78.643	84.418	89.391	93.856	102.996	111.055
70	39.036	43.275	48.758	51.739	55.329	59.898	63.346	66.396	69.334	72.358	75.689	79.715	85.527	90.531	95.023	104.215	112.317
71	39.777	44.058	49.592	52.6	56.221	60.827	64.302	67.375	70.334	73.38	76.734	80.786	86.635	91.67	96.189	105.432	113.577
72	40.519	44.843	50.428	53.462	57.113	61.756	65.258	68.353	71.334	74.401	77.778	81.857	87.743	92.808	97.353	106.648	114.835
73	41.264	45.629	51.265	54.325	58.006	62.686	66.214	69.332	72.334	75.422	78.822	82.927	88.85	93.945	98.516	107.862	116.092
74	42.01	46.417	52.103	55.189	58.9	63.616	67.17	70.311	73.334	76.443	79.865	83.997	89.956	95.081	99.678	109.074	117.346
75	42.757	47.206	52.942	56.054	59.795	64.547	68.127	71.29	74.334	77.464	80.908	85.066	91.061	96.217	100.839	110.286	118.599

	0.001	0.005	0.025	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.975	0.995	0.999
76	43.507	47.997	53.782	56.92	60.69	65.478	69.084	72.27	75.334	78.485	81.951	86.135	92.166	97.351	101.999	111.495	119.85
77	44.258	48.788	54.623	57.786	61.586	66.409	70.042	73.249	76.334	79.505	82.994	87.203	93.27	98.484	103.158	112.704	121.1
78	45.01	49.582	55.466	58.654	62.483	67.341	70.999	74.228	77.334	80.526	84.036	88.271	94.374	99.617	104.316	113.911	122.348
79	45.764	50.376	56.309	59.522	63.38	68.274	71.957	75.208	78.334	81.546	85.078	89.338	95.476	100.749	105.473	115.117	123.594
80	46.52	51.172	57.153	60.391	64.278	69.207	72.915	76.188	79.334	82.566	86.12	90.405	96.578	101.879	106.629	116.321	124.839
81	47.277	51.969	57.998	61.261	65.176	70.14	73.874	77.168	80.334	83.586	87.161	91.472	97.68	103.01	107.783	117.524	126.083
82	48.036	52.767	58.845	62.132	66.076	71.074	74.833	78.148	81.334	84.606	88.202	92.538	98.78	104.139	108.937	118.726	127.324
83	48.796	53.567	59.692	63.004	66.976	72.008	75.792	79.128	82.334	85.626	89.243	93.604	99.88	105.267	110.09	119.927	128.565
84	49.557	54.368	60.54	63.876	67.876	72.943	76.751	80.108	83.334	86.646	90.284	94.669	100.98	106.395	111.242	121.126	129.804
85	50.32	55.17	61.389	64.749	68.777	73.878	77.71	81.089	84.334	87.665	91.325	95.734	102.079	107.522	112.393	122.325	131.041
86	51.085	55.973	62.239	65.623	69.679	74.813	78.67	82.069	85.334	88.685	92.365	96.799	103.177	108.648	113.544	123.522	132.277
87	51.85	56.777	63.089	66.498	70.581	75.749	79.63	83.05	86.334	89.704	93.405	97.863	104.275	109.773	114.693	124.718	133.512
88	52.617	57.582	63.941	67.373	71.484	76.685	80.59	84.031	87.334	90.723	94.445	98.927	105.372	110.898	115.841	125.913	134.745
89	53.386	58.389	64.793	68.249	72.387	77.622	81.55	85.012	88.334	91.742	95.484	99.991	106.469	112.022	116.989	127.106	135.978
90	54.155	59.196	65.647	69.126	73.291	78.558	82.511	85.993	89.334	92.761	96.524	101.054	107.565	113.145	118.136	128.299	137.208
91	54.926	60.005	66.501	70.003	74.196	79.496	83.472	86.974	90.334	93.78	97.563	102.117	108.661	114.268	119.282	129.491	138.438
92	55.698	60.815	67.356	70.882	75.1	80.433	84.433	87.955	91.334	94.799	98.602	103.179	109.756	115.39	120.427	130.681	139.666
93	56.472	61.625	68.211	71.76	76.006	81.371	85.394	88.936	92.334	95.818	99.641	104.241	110.85	116.511	121.571	131.871	140.893
94	57.246	62.437	69.068	72.64	76.912	82.309	86.356	89.918	93.334	96.836	100.679	105.303	111.944	117.632	122.715	133.059	142.119
95	58.022	63.25	69.925	73.52	77.818	83.248	87.318	90.899	94.334	97.855	101.717	106.364	113.038	118.752	123.858	134.247	143.344
96	58.799	64.063	70.783	74.401	78.725	84.187	88.279	91.881	95.334	98.873	102.755	107.425	114.131	119.871	125.0	135.433	144.567
97	59.577	64.878	71.642	75.282	79.633	85.126	89.241	92.862	96.334	99.892	103.793	108.486	115.223	120.99	126.141	136.619	145.789
98	60.356	65.694	72.501	76.164	80.541	86.065	90.204	93.844	97.334	100.91	104.831	109.547	116.315	122.108	127.282	137.803	147.01
99	61.137	66.51	73.361	77.046	81.449	87.005	91.166	94.826	98.334	101.928	105.868	110.607	117.407	123.225	128.422	138.987	148.23
100	61.918	67.328	74.222	77.929	82.358	87.945	92.129	95.808	99.334	102.946	106.906	111.667	118.498	124.342	129.561	140.169	149.449