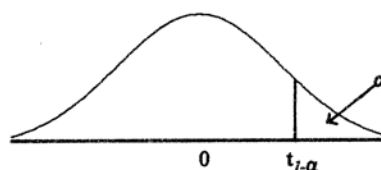


Tabulka kritických hodnot Studentova t rozdělení

(Chajdiak J., Rublíková E., Gudába M.: Štatistické metódy v praxi. Statis, Bratislava 1997)



Stupne voľnosti	$t_{0,75}$	$t_{0,90}$	$t_{0,95}$	$t_{0,975}$	$t_{0,99}$	$t_{0,995}$	$t_{0,9975}$	$t_{0,999}$	$t_{0,9995}$
1	1.000	3.078	6.314	12.706	31.821	63.657	127.320	318.309	636.619
2	0.816	1.886	2.920	4.303	6.965	9.925	14.089	22.327	31.599
3	0.765	1.638	2.353	3.182	4.541	5.841	7.453	10.214	12.924
4	0.741	1.533	2.132	2.776	3.747	4.604	5.598	7.173	8.610
5	0.727	1.476	2.015	2.571	3.365	4.032	4.773	5.893	6.869
6	0.718	1.440	1.943	2.447	3.143	3.707	4.317	5.208	5.959
7	0.711	1.415	1.895	2.365	2.998	3.499	4.029	4.785	5.408
8	0.706	1.397	1.860	2.306	2.896	3.355	3.832	4.501	5.041
9	0.703	1.383	1.833	2.262	2.821	3.250	3.690	4.297	4.781
10	0.700	1.372	1.812	2.228	2.764	3.169	3.581	4.144	4.587
11	0.697	1.363	1.796	2.201	2.718	3.106	3.497	4.025	4.437
12	0.695	1.356	1.782	2.179	2.681	3.055	3.428	3.930	4.318
13	0.694	1.350	1.771	2.160	2.650	3.012	3.372	3.852	4.221
14	0.692	1.345	1.761	2.145	2.624	2.977	3.326	3.787	4.140
15	0.691	1.341	1.753	2.131	2.602	2.947	3.286	3.732	4.072
16	0.690	1.337	1.746	2.120	2.583	2.921	3.252	3.686	4.015
17	0.689	1.333	1.740	2.110	2.567	2.898	3.222	3.646	3.965
18	0.688	1.330	1.734	2.101	2.552	2.878	3.197	3.610	3.922
19	0.688	1.328	1.729	2.093	2.539	2.861	3.174	3.579	3.883
20	0.687	1.325	1.725	2.086	2.528	2.845	3.153	3.552	3.850
21	0.686	1.323	1.721	2.080	2.518	2.831	3.135	3.527	3.819
22	0.686	1.321	1.717	2.074	2.508	2.819	3.119	3.505	3.792
23	0.685	1.319	1.714	2.069	2.500	2.807	3.104	3.485	3.768
24	0.685	1.318	1.711	2.064	2.492	2.797	3.090	3.467	3.745
25	0.684	1.316	1.708	2.060	2.485	2.787	3.078	3.451	3.725
26	0.684	1.315	1.706	2.056	2.479	2.779	3.070	3.435	3.707
27	0.684	1.314	1.703	2.052	2.473	2.771	3.056	3.421	3.690
28	0.683	1.313	1.701	2.048	2.467	2.763	3.047	3.408	3.674
29	0.683	1.311	1.699	2.045	2.462	2.756	3.038	3.396	3.659
30	0.683	1.310	1.697	2.042	2.457	2.750	3.030	3.385	3.650
40	0.681	1.303	1.684	2.021	2.423	2.704	2.971	3.307	3.551
60	0.679	1.296	1.671	2.000	2.390	2.660	2.915	3.232	3.460
120	0.676	1.289	1.658	1.980	2.358	2.617	2.860	3.160	3.373
∞	0.674	1.282	1.645	1.960	2.326	2.576	2.807	3.098	3.300

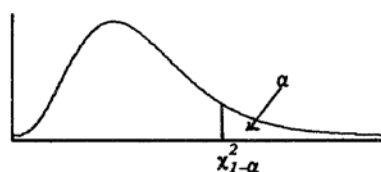
Tab. 1. Distribuční funkce normálního rozdělení $N(0,1)$; $\Phi(x) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^x e^{-\frac{u^2}{2}} du$

x	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09	x
0.0	.50000	.50399	.50798	.51197	.51595	.51994	.52392	.52790	.53188	.53586	0.0
0.1	.53983	.54380	.54776	.55172	.55567	.55962	.56356	.56749	.57142	.57535	0.1
0.2	.57926	.58317	.58706	.59095	.59483	.59871	.60257	.60642	.61026	.61409	0.2
0.3	.61791	.62172	.62552	.62930	.63307	.63683	.64058	.64431	.64803	.65173	0.3
0.4	.65542	.65910	.66276	.66640	.67003	.67364	.67724	.68082	.68439	.68793	0.4
0.5	.69146	.69497	.69847	.70194	.70540	.70884	.71226	.71566	.71904	.72240	0.5
0.6	.72575	.72907	.73237	.73565	.73891	.74215	.74537	.74857	.75175	.75490	0.6
0.7	.75804	.76115	.76424	.76730	.77035	.77337	.77637	.77935	.78230	.78524	0.7
0.8	.78814	.79103	.79389	.79673	.79955	.80234	.80511	.80785	.81057	.81327	0.8
0.9	.81594	.81859	.82121	.82381	.82639	.82894	.83147	.83398	.83646	.83891	0.9
1.0	.84134	.84375	.84614	.84850	.85083	.85314	.85543	.85769	.85993	.86214	1.0
1.1	.86433	.86650	.86864	.87076	.87286	.87493	.87698	.87900	.88100	.88298	1.1
1.2	.88493	.88686	.88877	.89065	.89251	.89435	.89617	.89796	.89973	.90147	1.2
1.3	.90320	.90490	.90658	.90824	.90988	.91149	.91309	.91466	.91621	.91774	1.3
1.4	.91924	.92073	.92220	.92364	.92507	.92647	.92786	.92922	.93056	.93189	1.4
1.5	.93319	.93448	.93574	.93699	.93822	.93943	.94062	.94179	.94295	.94408	1.5
1.6	.94520	.94630	.94738	.94845	.94950	.95053	.95154	.95254	.95352	.95449	1.6
1.7	.95543	.95637	.95728	.95818	.95907	.95994	.96080	.96164	.96246	.96327	1.7
1.8	.96407	.96485	.96562	.96638	.96712	.96784	.96856	.96926	.96995	.97062	1.8
1.9	.97128	.97193	.97257	.97320	.97381	.97441	.97500	.97558	.97615	.97670	1.9
2.0	.97725	.97778	.97831	.97882	.97932	.97982	.98030	.98077	.98124	.98169	2.0
2.1	.98214	.98257	.98300	.98341	.98382	.98422	.98461	.98500	.98537	.98574	2.1
2.2	.98610	.98645	.98679	.98713	.98745	.98778	.98809	.98840	.98870	.98899	2.2
2.3	.98928	.98956	.98983	.99010	.99036	.99061	.99086	.99111	.99134	.99158	2.3
2.4	.99180	.99202	.99224	.99245	.99266	.99286	.99305	.99324	.99343	.99361	2.4
2.5	.99379	.99396	.99413	.99430	.99446	.99461	.99477	.99492	.99506	.99520	2.5
2.6	.99534	.99547	.99560	.99573	.99586	.99598	.99609	.99621	.99632	.99643	2.6
2.7	.99653	.99664	.99674	.99683	.99693	.99702	.99711	.99720	.99728	.99737	2.7
2.8	.99745	.99752	.99760	.99767	.99774	.99781	.99788	.99795	.99801	.99807	2.8
2.9	.99813	.99819	.99825	.99831	.99836	.99841	.99846	.99851	.99856	.99861	2.9
3.0	.99865	.99869	.99874	.99878	.99882	.99886	.99889	.99893	.99897	.99900	3.0
3.1	.99903	.99906	.99910	.99913	.99916	.99918	.99921	.99924	.99926	.99929	3.1
3.2	.99931	.99934	.99936	.99938	.99940	.99942	.99944	.99946	.99948	.99950	3.2
3.3	.99952	.99953	.99955	.99957	.99958	.99960	.99961	.99962	.99964	.99965	3.3
3.4	.99966	.99968	.99969	.99970	.99971	.99972	.99973	.99974	.99975	.99976	3.4

Příloha 1. Aplikovaná statistika. 1. vyd. Využitá širou odbornou veřejností v Praze, Praha 2005. ISBN 80-7090-589-2
 Ke stažení ze zdrojů: www.vydavatelstvi.cz / vydavatelstvi@vse.cz / www.vydavatelstvi.cz / tel: 220 443 211

Tabulka kritických hodnot rozdělení χ^2

(Chajdiak J., Rublíková E., Gudába M.: Štatistické metódy v praxi. Statis, Bratislava 1997.)



Stupne voľnosti	$\chi^2_{0.005}$	$\chi^2_{0.01}$	$\chi^2_{0.025}$	$\chi^2_{0.05}$	$\chi^2_{0.10}$	$\chi^2_{0.90}$	$\chi^2_{0.95}$	$\chi^2_{0.975}$	$\chi^2_{0.99}$	$\chi^2_{0.995}$
1	0.00439	0.00157	0.00982	0.00393	0.01579	2.706	3.841	5.024	6.635	7.879
2	0.0100	0.0201	0.0506	0.1026	0.2107	4.605	5.991	7.378	9.210	10.60
3	0.0717	0.1148	0.2158	0.3518	0.5844	6.251	7.815	9.348	11.34	12.84
4	0.2070	0.2971	0.4844	0.7107	1.064	7.779	9.488	11.14	13.28	14.86
5	0.4117	0.5543	0.8312	1.145	1.610	9.236	11.07	12.83	15.09	16.75
6	0.6757	0.8721	1.237	1.635	2.204	10.64	12.59	14.45	16.81	18.55
7	0.9893	1.239	1.690	2.167	2.833	12.02	14.07	16.01	18.48	20.28
8	1.344	1.646	2.180	2.733	3.490	13.36	15.51	17.53	20.09	21.95
9	1.735	2.088	2.700	3.325	4.168	14.68	16.92	19.02	21.67	23.59
10	2.156	2.558	3.247	3.940	4.865	15.99	18.31	20.48	23.21	25.19
11	2.603	3.053	3.816	4.575	5.578	17.28	19.68	21.92	24.72	26.76
12	3.074	3.571	4.404	5.226	6.304	18.55	21.03	23.34	26.22	28.30
13	3.565	4.107	5.009	5.892	7.042	19.81	22.36	24.74	27.69	29.82
14	4.075	4.660	5.629	6.571	7.790	21.06	23.68	26.12	29.14	31.32
15	4.601	5.229	6.262	7.261	8.547	22.31	25.00	27.49	30.58	32.80
16	5.142	5.812	6.908	7.962	9.312	23.54	26.30	28.85	32.00	34.27
17	5.697	6.408	7.564	8.672	10.09	24.77	27.59	30.19	33.41	35.72
18	6.265	7.015	8.231	9.390	10.86	25.99	28.87	31.53	34.81	37.16
19	6.844	7.633	8.907	10.12	11.65	27.20	30.14	32.85	36.19	38.58
20	7.434	8.260	9.591	10.85	12.44	28.41	31.41	34.17	37.57	40.00
21	8.034	8.897	10.28	11.59	13.24	29.62	32.67	35.48	38.93	41.40
22	8.643	9.542	10.98	12.34	14.04	30.81	33.92	36.78	40.29	42.80
23	9.260	10.20	11.69	13.09	14.85	32.01	35.17	38.08	41.64	44.18
24	9.886	10.86	12.40	13.85	15.66	33.20	36.42	39.36	42.98	45.56
25	10.52	11.52	13.12	14.61	16.47	34.38	37.65	40.65	44.31	46.93
26	11.16	12.20	13.84	15.38	17.29	35.56	38.89	41.92	45.64	48.29
27	11.81	12.88	14.57	16.15	18.11	36.74	40.11	43.19	46.96	49.65
28	12.46	13.56	15.31	16.93	18.94	37.92	41.34	44.46	48.28	50.99
29	13.12	14.26	16.05	17.71	19.77	39.09	42.56	45.72	49.59	52.34
30	13.79	14.95	16.79	18.49	20.60	40.26	43.77	46.98	50.89	53.67
40	20.71	22.16	24.43	26.51	29.05	51.81	55.76	59.34	63.69	66.77
50	27.99	29.71	32.36	34.76	37.69	63.17	67.50	71.42	76.15	79.49
60	35.53	37.48	40.48	43.19	46.46	74.40	79.08	83.30	88.38	91.95
70	43.28	45.44	48.76	51.74	55.33	85.53	90.53	95.02	100.43	104.21
80	51.17	53.54	57.15	60.39	64.28	96.58	101.88	106.63	112.33	116.32
120	86.92	86.92	91.57	95.70	100.62	140.23	146.57	152.21	158.95	163.65

Kritické hodnoty Dean-Dixonova testu

n	$\alpha = 0,05$	$\alpha = 0,01$	n	$\alpha = 0,05$	$\alpha = 0,01$
3	0,941	0,988	12	0,376	0,482
4	0,765	0,889	13	0,361	0,465
5	0,642	0,780	14	0,349	0,450
6	0,560	0,698	15	0,338	0,438
7	0,507	0,637	16	0,329	0,426
8	0,468	0,590	17	0,320	0,416
9	0,437	0,555	18	0,313	0,407
10	0,412	0,527	19	0,306	0,398
11	0,392	0,502	20	0,300	0,391

Kritické hodnoty Grubsova testu

n	<u>A</u> , $\alpha = 0,05$	<u>B</u> , $\alpha = 0,05$	n	<u>A</u> , $\alpha = 0,05$	<u>B</u> , $\alpha = 0,05$
3	1,412	2,00	12	2,387	3,91
4	1,689	2,43	13	2,426	4,00
5	1,869	2,75	14	2,461	
6	1,996	3,01	15	2,493	4,17
7	2,093	3,22	16	2,253	
8	2,172	3,40	17	2,551	
9	2,237	3,55	18	2,557	
10	2,294	3,68	19	2,600	
11	2,343		20	2,623	4,49