

# STATISTICKÉ TABULKY

## 1. Hodnoty distribuční funkce $\Phi(u)$ normovaného normálního rozdělení $N(0;1)$

$u$	0	1	2	3	4	5	6	7	8	9	
0,0	0,50000	50399	50798	51197	51596	51994	52392	52791	53188	53586	
0,1	53983	54380	54776	55172	55567	55962	56356	56750	57143	57535	
0,2	57926	58317	58707	59096	59484	59871	60257	60642	61026	61409	
0,3	61791	62172	62552	62930	63307	63683	64058	64431	64803	65173	
0,4	65542	65910	66276	66640	67003	67365	67724	68082	68439	68793	
0,5	69146	69498	69847	70195	70540	70884	71226	71566	71904	72241	
0,6	72575	72907	73237	73565	73892	74216	74537	74857	75175	75490	
0,7	75804	76115	76424	76731	77035	77337	77637	77935	78231	78524	
0,8	78815	79103	79389	79673	79955	80234	80511	80785	81057	81327	
0,9	81594	81859	82121	82382	82639	82894	83147	83398	83646	83891	
1,0	84135	84375	84614	84850	85083	85314	85543	85769	85993	86214	
1,1	86433	86650	86864	87076	87286	87493	87698	87900	88100	88298	
1,2	88493	88686	88877	89065	89251	89435	89617	89796	89973	90147	
1,3	90320	90490	90658	90824	90988	91149	91309	91466	91621	91774	
1,4	91924	92073	92220	92364	92507	92647	92786	92922	93056	93189	
1,5	93319	93448	93574	93699	93822	93943	94062	94179	94295	94408	
1,6	94520	94630	94738	94845	94950	95053	95154	95254	95352	95449	
1,7	95543	95637	95728	95819	95907	95994	96080	96164	96246	96327	
1,8	96407	96485	96562	96638	96712	96784	96856	96926	96995	97062	
1,9	97128	97193	97257	97320	97381	97441	97500	97558	97615	97670	
2,0	97725	97778	97831	97882	97932	97982	98030	98077	98124	98169	
2,1	98214	98257	98300	98341	98382	98422	98461	98500	98537	98574	
2,2	98610	98645	98679	98713	98745	98778	98809	98840	98870	98899	
2,3	98928	98956	98983	99010	99036	99061	99086	99111	99134	99158	
2,4	99180	99202	99224	99245	99266	99286	99305	99324	99343	99361	
2,5	99379	99396	99413	99430	99446	99461	99477	99492	99506	99520	
2,6	99534	99547	99560	99573	99585	99598	99609	99621	99632	99643	
2,7	99653	99664	99674	99683	99693	99702	99711	99720	99728	99736	
2,8	99744	99752	99760	99767	99774	99781	99788	99795	99801	99807	
2,9	99813	99819	99825	99831	99836	99841	99846	99851	99856	99861	
3,0	99865	99869	99874	99878	99882	99886	99889	99893	99896	99900	
3,1	99903	99906	99910	99913	99916	99918	99921	99924	99926	99929	
3,2	99931	99934	99936	99938	99940	99942	99944	99946	99948	99950	
3,3	99952	99953	99955	99957	99958	99960	99961	99962	99964	99965	
3,4	99966	99968	99969	99970	99971	99972	99973	99974	99975	99976	
3,5	99977	99978	99978	99979	99980	99981	99981	99982	99983	99983	
3,6	99984	99985	99985	99986	99986	99987	99987	99988	99988	99989	
3,7	99989	99990	99990	99990	99991	99991	99992	99992	99992	99992	
3,8	99993	99993	99993	99994	99994	99994	99994	99995	99995	99995	
3,9	99995	99995	99996	99996	99996	99996	99996	99996	99997	99997	
4,00	99997	4,10	99998	4,20	99999	4,30	99999	4,40	99999	4,50	99999

**Poznámka:**  $\Phi(-u) = 1 - \Phi(u)$ ;  $u_{0,95} \approx 1,645$ ;  $u_{0,975} \approx 1,960$ ;  $u_{0,99} \approx 2,326$ ;  $u_{0,995} \approx 2,576$ .

2. Kvantily  $t_P$  Studentova rozdělení  $S(k)$ 

$k \backslash P$	0,95	0,975	0,99	0,995	0,999	0,9995
1	6,314	12,706	31,821	63,656	318,289	636,578
2	2,920	4,303	6,965	9,925	22,328	31,600
3	2,353	3,182	4,541	5,841	10,214	12,924
4	2,132	2,776	3,747	4,604	7,173	8,610
5	2,015	2,571	3,365	4,032	5,894	6,869
6	1,943	2,447	3,143	3,707	5,208	5,959
7	1,895	2,365	2,998	3,499	4,785	5,408
8	1,860	2,306	2,896	3,355	4,501	5,041
9	1,833	2,262	2,821	3,250	4,297	4,781
10	1,812	2,228	2,764	3,169	4,144	4,587
11	1,796	2,201	2,718	3,106	4,025	4,437
12	1,782	2,179	2,681	3,055	3,930	4,318
13	1,771	2,160	2,650	3,012	3,852	4,221
14	1,761	2,145	2,624	2,977	3,787	4,140
15	1,753	2,131	2,602	2,947	3,733	4,073
16	1,746	2,120	2,583	2,921	3,686	4,015
17	1,740	2,110	2,567	2,898	3,646	3,965
18	1,734	2,101	2,552	2,878	3,610	3,922
19	1,729	2,093	2,539	2,861	3,579	3,883
20	1,725	2,086	2,528	2,845	3,552	3,850
21	1,721	2,080	2,518	2,831	3,527	3,819
22	1,717	2,074	2,508	2,819	3,505	3,792
23	1,714	2,069	2,500	2,807	3,485	3,768
24	1,711	2,064	2,492	2,797	3,467	3,745
25	1,708	2,060	2,485	2,787	3,450	3,725
26	1,706	2,056	2,479	2,779	3,435	3,707
27	1,703	2,052	2,473	2,771	3,421	3,689
28	1,701	2,048	2,467	2,763	3,408	3,674
29	1,699	2,045	2,462	2,756	3,396	3,660
30	1,697	2,042	2,457	2,750	3,385	3,646
35	1,690	2,030	2,438	2,724	3,340	3,591
40	1,684	2,021	2,423	2,704	3,307	3,551
45	1,679	2,014	2,412	2,690	3,281	3,520
50	1,676	2,009	2,403	2,678	3,261	3,496
60	1,671	2,000	2,390	2,660	3,232	3,460
70	1,667	1,994	2,381	2,648	3,211	3,435
80	1,664	1,990	2,374	2,639	3,195	3,416
90	1,662	1,987	2,368	2,632	3,183	3,402
100	1,660	1,984	2,364	2,626	3,174	3,390
120	1,658	1,980	2,358	2,617	3,160	3,373
140	1,656	1,977	2,353	2,611	3,149	3,361
160	1,654	1,975	2,350	2,607	3,142	3,352
180	1,653	1,973	2,347	2,603	3,136	3,345
200	1,653	1,972	2,345	2,601	3,131	3,340
300	1,650	1,968	2,339	2,592	3,118	3,323
500	1,648	1,965	2,334	2,586	3,107	3,310
1000	1,646	1,962	2,330	2,581	3,098	3,300
$\infty$	1,645	1,960	2,326	2,576	3,090	3,290

**Poznámka:** Pro  $0 \leq P \leq 0,5$  použijeme vztah  $t_P = -t_{1-P}$ .

3. Kvantily  $\chi^2_P$  Pearsonova rozdělení  $\chi^2(k)$ 

$k \backslash P$	0,005	0,01	0,025	0,05	0,95	0,975	0,99	0,995
1	0,000	0,000	0,001	0,004	3,841	5,024	6,635	7,879
2	0,010	0,020	0,051	0,103	5,991	7,378	9,210	10,597
3	0,072	0,115	0,216	0,352	7,815	9,348	11,345	12,838
4	0,207	0,297	0,484	0,711	9,488	11,143	13,277	14,860
5	0,412	0,554	0,831	1,145	11,070	12,832	15,086	16,750
6	0,676	0,872	1,237	1,635	12,592	14,449	16,812	18,548
7	0,989	1,239	1,690	2,167	14,067	16,013	18,475	20,278
8	1,344	1,647	2,180	2,733	15,507	17,535	20,090	21,955
9	1,735	2,088	2,700	3,325	16,919	19,023	21,666	23,589
10	2,156	2,558	3,247	3,940	18,307	20,483	23,209	25,188
11	2,603	3,053	3,816	4,575	19,675	21,920	24,725	26,757
12	3,074	3,571	4,404	5,226	21,026	23,337	26,217	28,300
13	3,565	4,107	5,009	5,892	22,362	24,736	27,688	29,819
14	4,075	4,660	5,629	6,571	23,685	26,119	29,141	31,319
15	4,601	5,229	6,262	7,261	24,996	27,488	30,578	32,801
16	5,142	5,812	6,908	7,962	26,296	28,845	32,000	34,267
17	5,697	6,408	7,564	8,672	27,587	30,191	33,409	35,718
18	6,265	7,015	8,231	9,390	28,869	31,526	34,805	37,156
19	6,844	7,633	8,907	10,117	30,144	32,852	36,191	38,582
20	7,434	8,260	9,591	10,851	31,410	34,170	37,566	39,997
21	8,034	8,897	10,283	11,591	32,671	35,479	38,932	41,401
22	8,643	9,542	10,982	12,338	33,924	36,781	40,289	42,796
23	9,260	10,196	11,689	13,091	35,172	38,076	41,638	44,181
24	9,886	10,856	12,401	13,848	36,415	39,364	42,980	45,558
25	10,520	11,524	13,120	14,611	37,652	40,646	44,314	46,928
26	11,160	12,198	13,844	15,379	38,885	41,923	45,642	48,290
27	11,808	12,878	14,573	16,151	40,113	43,195	46,963	49,645
28	12,461	13,565	15,308	16,928	41,337	44,461	48,278	50,994
29	13,121	14,256	16,047	17,708	42,557	45,722	49,588	52,335
30	13,787	14,953	16,791	18,493	43,773	46,979	50,892	53,672
31	14,458	15,655	17,539	19,281	44,985	48,232	52,191	55,002
32	15,134	16,362	18,291	20,072	46,194	49,480	53,486	56,328
33	15,815	17,073	19,047	20,867	47,400	50,725	54,775	57,648
34	16,501	17,789	19,806	21,664	48,602	51,966	56,061	58,964
35	17,192	18,509	20,569	22,465	49,802	53,203	57,342	60,275
36	17,887	19,233	21,336	23,269	50,998	54,437	58,619	61,581
37	18,586	19,960	22,106	24,075	52,192	55,668	59,893	62,883
38	19,289	20,691	22,878	24,884	53,384	56,895	61,162	64,181
39	19,996	21,426	23,654	25,695	54,572	58,120	62,428	65,475
40	20,707	22,164	24,433	26,509	55,758	59,342	63,691	66,766
41	21,421	22,906	25,215	27,326	56,942	60,561	64,950	68,053
42	22,138	23,650	25,999	28,144	58,124	61,777	66,206	69,336
43	22,860	24,398	26,785	28,965	59,304	62,990	67,459	70,616
44	23,584	25,148	27,575	29,787	60,481	64,201	68,710	71,892
45	24,311	25,901	28,366	30,612	61,656	65,410	69,957	73,166

### 3. Kvantily $\chi^2_P$ Pearsonova rozdělení $\chi^2(k)$ (pokračování)

$k \backslash P$	0,005	0,01	0,025	0,05	0,95	0,975	0,99	0,995
46	25,041	26,657	29,160	31,439	62,830	66,616	71,201	74,437
47	25,775	27,416	29,956	32,268	64,001	67,821	72,443	75,704
48	26,511	28,177	30,754	33,098	65,171	69,023	73,683	76,969
49	27,249	28,941	31,555	33,930	66,339	70,222	74,919	78,231
50	27,991	29,707	32,357	34,764	67,505	71,420	76,154	79,490
51	28,735	30,475	33,162	35,600	68,669	72,616	77,386	80,746
52	29,481	31,246	33,968	36,437	69,832	73,810	78,616	82,001
53	30,230	32,019	34,776	37,276	70,993	75,002	79,843	83,253
54	30,981	32,793	35,586	38,116	72,153	76,192	81,069	84,502
55	31,735	33,571	36,398	38,958	73,311	77,380	82,292	85,749
56	32,491	34,350	37,212	39,801	74,468	78,567	83,514	86,994
57	33,248	35,131	38,027	40,646	75,624	79,752	84,733	88,237
58	34,008	35,914	38,844	41,492	76,778	80,936	85,950	89,477
59	34,770	36,698	39,662	42,339	77,930	82,117	87,166	90,715
60	35,534	37,485	40,482	43,188	79,082	83,298	88,379	91,952
61	36,300	38,273	41,303	44,038	80,232	84,476	89,591	93,186
62	37,068	39,063	42,126	44,889	81,381	85,654	90,802	94,419
63	37,838	39,855	42,950	45,741	82,529	86,830	92,010	95,649
64	38,610	40,649	43,776	46,595	83,675	88,004	93,217	96,878
65	39,383	41,444	44,603	47,450	84,821	89,177	94,422	98,105
66	40,158	42,240	45,431	48,305	85,965	90,349	95,626	99,330
67	40,935	43,038	46,261	49,162	87,108	91,519	96,828	100,554
68	41,714	43,838	47,092	50,020	88,250	92,688	98,028	101,776
69	42,493	44,639	47,924	50,879	89,391	93,856	99,227	102,996
70	43,275	45,442	48,758	51,739	90,531	95,023	100,425	104,215
71	44,058	46,246	49,592	52,600	91,670	96,189	101,621	105,432
72	44,843	47,051	50,428	53,462	92,808	97,353	102,816	106,647
73	45,629	47,858	51,265	54,325	93,945	98,516	104,010	107,862
74	46,417	48,666	52,103	55,189	95,081	99,678	105,202	109,074
75	47,206	49,475	52,942	56,054	96,217	100,839	106,393	110,285
80	51,172	53,540	57,153	60,391	101,879	106,629	112,329	116,321
85	55,170	57,634	61,389	64,749	107,522	112,393	118,236	122,324
90	59,196	61,754	65,647	69,126	113,145	118,136	124,116	128,299
95	63,250	65,898	69,925	73,520	118,752	123,858	129,973	134,247
100	67,328	70,065	74,222	77,929	124,342	129,561	135,807	140,170
110	75,550	78,458	82,867	86,792	135,480	140,916	147,414	151,948
120	83,852	86,923	91,573	95,705	146,567	152,211	158,950	163,648
130	92,223	95,451	100,331	104,662	157,610	163,453	170,423	175,278
150	109,142	112,668	117,985	122,692	179,581	185,800	193,207	198,360
200	152,241	156,432	162,728	168,279	233,994	241,058	249,445	255,264
500	422,303	429,387	439,936	449,147	553,127	563,851	576,493	585,206
1000	888,563	898,912	914,257	927,594	1074,68	1089,53	1106,97	1118,95

4. Kvantily  $F_P$  Fisherova – Snedecorova rozdělení  $F(k_1, k_2)$  pro  $P = 0,975$ 

$k_2 \backslash k_1$	1	2	3	4	5	6	7	8	9	10
1	647,793	799,482	864,151	899,599	921,835	937,114	948,203	956,643	963,279	968,634
2	38,506	39,000	39,166	39,248	39,298	39,331	39,356	39,373	39,387	39,398
3	17,443	16,044	15,439	15,101	14,885	14,735	14,624	14,540	14,473	14,419
4	12,218	10,649	9,979	9,604	9,364	9,197	9,074	8,980	8,905	8,844
5	10,007	8,434	7,764	7,388	7,146	6,978	6,853	6,757	6,681	6,619
6	8,813	7,260	6,599	6,227	5,988	5,820	5,695	5,600	5,523	5,461
7	8,073	6,542	5,890	5,523	5,285	5,119	4,995	4,899	4,823	4,761
8	7,571	6,059	5,416	5,053	4,817	4,652	4,529	4,433	4,357	4,295
9	7,209	5,715	5,078	4,718	4,484	4,320	4,197	4,102	4,026	3,964
10	6,937	5,456	4,826	4,468	4,236	4,072	3,950	3,855	3,779	3,717
11	6,724	5,256	4,630	4,275	4,044	3,881	3,759	3,664	3,588	3,526
12	6,554	5,096	4,474	4,121	3,891	3,728	3,607	3,512	3,436	3,374
13	6,414	4,965	4,347	3,996	3,767	3,604	3,483	3,388	3,312	3,250
14	6,298	4,857	4,242	3,892	3,663	3,501	3,380	3,285	3,209	3,147
15	6,200	4,765	4,153	3,804	3,576	3,415	3,293	3,199	3,123	3,060
16	6,115	4,687	4,077	3,729	3,502	3,341	3,219	3,125	3,049	2,986
17	6,042	4,619	4,011	3,665	3,438	3,277	3,156	3,061	2,985	2,922
18	5,978	4,560	3,954	3,608	3,382	3,221	3,100	3,005	2,929	2,866
19	5,922	4,508	3,903	3,559	3,333	3,172	3,051	2,956	2,880	2,817
20	5,871	4,461	3,859	3,515	3,289	3,128	3,007	2,913	2,837	2,774
21	5,827	4,420	3,819	3,475	3,250	3,090	2,969	2,874	2,798	2,735
22	5,786	4,383	3,783	3,440	3,215	3,055	2,934	2,839	2,763	2,700
23	5,750	4,349	3,750	3,408	3,183	3,023	2,902	2,808	2,731	2,668
24	5,717	4,319	3,721	3,379	3,155	2,995	2,874	2,779	2,703	2,640
25	5,686	4,291	3,694	3,353	3,129	2,969	2,848	2,753	2,677	2,613
26	5,659	4,265	3,670	3,329	3,105	2,945	2,824	2,729	2,653	2,590
27	5,633	4,242	3,647	3,307	3,083	2,923	2,802	2,707	2,631	2,568
28	5,610	4,221	3,626	3,286	3,063	2,903	2,782	2,687	2,611	2,547
29	5,588	4,201	3,607	3,267	3,044	2,884	2,763	2,669	2,592	2,529
30	5,568	4,182	3,589	3,250	3,026	2,867	2,746	2,651	2,575	2,511
35	5,485	4,106	3,517	3,179	2,956	2,796	2,676	2,581	2,504	2,440
40	5,424	4,051	3,463	3,126	2,904	2,744	2,624	2,529	2,452	2,388
45	5,377	4,009	3,422	3,086	2,864	2,705	2,584	2,489	2,412	2,348
50	5,340	3,975	3,390	3,054	2,833	2,674	2,553	2,458	2,381	2,317
55	5,310	3,948	3,364	3,029	2,807	2,648	2,528	2,433	2,355	2,291
60	5,286	3,925	3,343	3,008	2,786	2,627	2,507	2,412	2,334	2,270
70	5,247	3,890	3,309	2,975	2,754	2,595	2,474	2,379	2,302	2,237
80	5,218	3,864	3,284	2,950	2,730	2,571	2,450	2,355	2,277	2,213
90	5,196	3,844	3,265	2,932	2,711	2,552	2,432	2,336	2,259	2,194
100	5,179	3,828	3,250	2,917	2,696	2,537	2,417	2,321	2,244	2,179
120	5,152	3,805	3,227	2,894	2,674	2,515	2,395	2,299	2,222	2,157
150	5,126	3,781	3,204	2,872	2,652	2,494	2,373	2,278	2,200	2,135
250	5,085	3,744	3,169	2,837	2,618	2,459	2,338	2,243	2,165	2,100
500	5,054	3,716	3,142	2,811	2,592	2,434	2,313	2,217	2,139	2,074
$\infty$	5,024	3,689	3,116	2,786	2,566	2,408	2,288	2,192	2,114	2,048

#### 4. Kvantily $F_P$ Fisherova – Snedecorova rozdělení $F(k_1, k_2)$ pro $P = 0,975$ (pokračování)

$k_1 \backslash k_2$	12	15	20	24	30	40	60	100	250	$\infty$
1	976,725	984,874	993,081	997,272	1001,40	1005,60	1009,79	1013,16	1016,22	1018,26
2	39,415	39,431	39,448	39,457	39,465	39,473	39,481	39,488	39,494	39,498
3	14,337	14,253	14,167	14,124	14,081	14,036	13,992	13,956	13,924	13,902
4	8,751	8,657	8,560	8,511	8,461	8,411	8,360	8,319	8,282	8,257
5	6,525	6,428	6,329	6,278	6,227	6,175	6,123	6,080	6,041	6,015
6	5,366	5,269	5,168	5,117	5,065	5,012	4,959	4,915	4,876	4,849
7	4,666	4,568	4,467	4,415	4,362	4,309	4,254	4,210	4,170	4,142
8	4,200	4,101	3,999	3,947	3,894	3,840	3,784	3,739	3,698	3,670
9	3,868	3,769	3,667	3,614	3,560	3,505	3,449	3,403	3,361	3,333
10	3,621	3,522	3,419	3,365	3,311	3,255	3,198	3,152	3,109	3,080
11	3,430	3,330	3,226	3,173	3,118	3,061	3,004	2,956	2,912	2,883
12	3,277	3,177	3,073	3,019	2,963	2,906	2,848	2,800	2,755	2,725
13	3,153	3,053	2,948	2,893	2,837	2,780	2,720	2,671	2,626	2,595
14	3,050	2,949	2,844	2,789	2,732	2,674	2,614	2,565	2,519	2,487
15	2,963	2,862	2,756	2,701	2,644	2,585	2,524	2,474	2,427	2,395
16	2,889	2,788	2,681	2,625	2,568	2,509	2,447	2,396	2,349	2,316
17	2,825	2,723	2,616	2,560	2,502	2,442	2,380	2,329	2,280	2,247
18	2,769	2,667	2,559	2,503	2,445	2,384	2,321	2,269	2,220	2,187
19	2,720	2,617	2,509	2,452	2,394	2,333	2,270	2,217	2,167	2,133
20	2,676	2,573	2,464	2,408	2,349	2,287	2,223	2,170	2,120	2,085
21	2,637	2,534	2,425	2,368	2,308	2,246	2,182	2,128	2,077	2,042
22	2,602	2,498	2,389	2,332	2,272	2,210	2,145	2,090	2,039	2,003
23	2,570	2,466	2,357	2,299	2,239	2,176	2,111	2,056	2,004	1,968
24	2,541	2,437	2,327	2,269	2,209	2,146	2,080	2,024	1,972	1,935
25	2,515	2,411	2,300	2,242	2,182	2,118	2,052	1,996	1,942	1,906
26	2,491	2,387	2,276	2,217	2,157	2,093	2,026	1,969	1,915	1,878
27	2,469	2,364	2,253	2,195	2,133	2,069	2,002	1,945	1,891	1,853
28	2,448	2,344	2,232	2,174	2,112	2,048	1,980	1,922	1,867	1,829
29	2,430	2,325	2,213	2,154	2,092	2,028	1,959	1,901	1,846	1,807
30	2,412	2,307	2,195	2,136	2,074	2,009	1,940	1,882	1,826	1,787
35	2,341	2,235	2,122	2,062	1,999	1,932	1,861	1,801	1,743	1,702
40	2,288	2,182	2,068	2,007	1,943	1,875	1,803	1,741	1,680	1,637
45	2,248	2,141	2,026	1,965	1,900	1,831	1,757	1,694	1,631	1,586
50	2,216	2,109	1,993	1,931	1,866	1,796	1,721	1,656	1,592	1,545
55	2,190	2,083	1,967	1,904	1,838	1,768	1,692	1,625	1,559	1,511
60	2,169	2,061	1,944	1,882	1,815	1,744	1,667	1,599	1,532	1,482
70	2,136	2,028	1,910	1,847	1,779	1,707	1,628	1,558	1,488	1,436
80	2,111	2,003	1,884	1,820	1,752	1,679	1,599	1,527	1,455	1,400
90	2,092	1,983	1,864	1,800	1,731	1,657	1,576	1,503	1,428	1,371
100	2,077	1,968	1,849	1,784	1,715	1,640	1,558	1,483	1,407	1,347
120	2,055	1,945	1,825	1,760	1,690	1,614	1,530	1,454	1,374	1,310
150	2,032	1,922	1,801	1,736	1,665	1,588	1,502	1,423	1,340	1,271
250	1,997	1,886	1,764	1,697	1,625	1,546	1,457	1,374	1,282	1,201
500	1,971	1,859	1,736	1,669	1,596	1,515	1,423	1,336	1,235	1,137
$\infty$	1,945	1,833	1,708	1,640	1,566	1,484	1,388	1,296	1,183	1,000

4. Kvantily  $F_P$  Fisherova – Snedecorova rozdělení  $F(k_1, k_2)$  pro  $P = 0,995$ 

$k_2 \backslash k_1$	1	2	3	4	5	6	7	8	9	10
1	16212,5	19997,4	21614,1	22500,8	23055,8	23439,5	23715,2	23923,8	24091,5	24221,8
2	198,503	199,012	199,158	199,245	199,303	199,332	199,361	199,376	199,390	199,390
3	55,552	49,800	47,468	46,195	45,391	44,838	44,434	44,125	43,881	43,685
4	31,332	26,284	24,260	23,154	22,456	21,975	21,622	21,352	21,138	20,967
5	22,785	18,314	16,530	15,556	14,939	14,513	14,200	13,961	13,772	13,618
6	18,635	14,544	12,917	12,028	11,464	11,073	10,786	10,566	10,391	10,250
7	16,235	12,404	10,883	10,050	9,522	9,155	8,885	8,678	8,514	8,380
8	14,688	11,043	9,597	8,805	8,302	7,952	7,694	7,496	7,339	7,211
9	13,614	10,107	8,717	7,956	7,471	7,134	6,885	6,693	6,541	6,417
10	12,827	9,427	8,081	7,343	6,872	6,545	6,303	6,116	5,968	5,847
11	12,226	8,912	7,600	6,881	6,422	6,102	5,865	5,682	5,537	5,418
12	11,754	8,510	7,226	6,521	6,071	5,757	5,524	5,345	5,202	5,085
13	11,374	8,186	6,926	6,233	5,791	5,482	5,253	5,076	4,935	4,820
14	11,060	7,922	6,680	5,998	5,562	5,257	5,031	4,857	4,717	4,603
15	10,798	7,701	6,476	5,803	5,372	5,071	4,847	4,674	4,536	4,424
16	10,576	7,514	6,303	5,638	5,212	4,913	4,692	4,521	4,384	4,272
17	10,384	7,354	6,156	5,497	5,075	4,779	4,559	4,389	4,254	4,142
18	10,218	7,215	6,028	5,375	4,956	4,663	4,445	4,276	4,141	4,030
19	10,073	7,093	5,916	5,268	4,853	4,561	4,345	4,177	4,043	3,933
20	9,944	6,987	5,818	5,174	4,762	4,472	4,257	4,090	3,956	3,847
21	9,829	6,891	5,730	5,091	4,681	4,393	4,179	4,013	3,880	3,771
22	9,727	6,806	5,652	5,017	4,609	4,322	4,109	3,944	3,812	3,703
23	9,635	6,730	5,582	4,950	4,544	4,259	4,047	3,882	3,750	3,642
24	9,551	6,661	5,519	4,890	4,486	4,202	3,991	3,826	3,695	3,587
25	9,475	6,598	5,462	4,835	4,433	4,150	3,939	3,776	3,645	3,537
26	9,406	6,541	5,409	4,785	4,384	4,103	3,893	3,730	3,599	3,492
27	9,342	6,489	5,361	4,740	4,340	4,059	3,850	3,687	3,557	3,450
28	9,284	6,440	5,317	4,698	4,300	4,020	3,811	3,649	3,519	3,412
29	9,230	6,396	5,276	4,659	4,262	3,983	3,775	3,613	3,483	3,376
30	9,180	6,355	5,239	4,623	4,228	3,949	3,742	3,580	3,451	3,344
35	8,976	6,188	5,086	4,479	4,088	3,812	3,607	3,447	3,318	3,212
40	8,828	6,066	4,976	4,374	3,986	3,713	3,509	3,350	3,222	3,117
45	8,715	5,974	4,892	4,294	3,909	3,638	3,435	3,276	3,149	3,044
50	8,626	5,902	4,826	4,232	3,849	3,579	3,376	3,219	3,092	2,988
55	8,554	5,843	4,773	4,181	3,800	3,531	3,330	3,173	3,046	2,942
60	8,495	5,795	4,729	4,140	3,760	3,492	3,291	3,134	3,008	2,904
70	8,403	5,720	4,661	4,076	3,698	3,431	3,232	3,076	2,950	2,846
80	8,335	5,665	4,611	4,028	3,652	3,387	3,188	3,032	2,907	2,803
90	8,282	5,623	4,573	3,992	3,617	3,352	3,154	2,999	2,873	2,770
100	8,241	5,589	4,542	3,963	3,589	3,325	3,127	2,972	2,847	2,744
120	8,179	5,539	4,497	3,921	3,548	3,285	3,087	2,933	2,808	2,705
150	8,118	5,490	4,453	3,878	3,508	3,245	3,048	2,894	2,770	2,667
250	8,021	5,412	4,382	3,812	3,444	3,183	2,987	2,833	2,709	2,607
500	7,950	5,355	4,330	3,763	3,396	3,137	2,941	2,789	2,665	2,562
$\infty$	7,879	5,298	4,279	3,715	3,350	3,091	2,897	2,744	2,621	2,519

#### 4. Kvantily $F_P$ Fisherova – Snedecorova rozdělení $F(k_1, k_2)$ pro $P = 0,995$ (pokračování)

$k_1 \backslash k_2$	12	15	20	24	30	40	60	100	250	$\infty$
1	24426,7	24631,6	24836,5	24937,1	25041,4	25145,7	25253,7	25339,4	25413,9	25466,1
2	199,419	199,434	199,449	199,449	199,478	199,478	199,478	199,478	199,507	199,507
3	43,387	43,085	42,779	42,623	42,466	42,310	42,150	42,022	41,906	41,829
4	20,705	20,438	20,167	20,030	19,892	19,751	19,611	19,497	19,394	19,325
5	13,385	13,146	12,903	12,780	12,656	12,530	12,402	12,300	12,206	12,144
6	10,034	9,814	9,589	9,474	9,358	9,241	9,122	9,026	8,938	8,879
7	8,176	7,968	7,754	7,645	7,534	7,422	7,309	7,217	7,132	7,076
8	7,015	6,814	6,608	6,503	6,396	6,288	6,177	6,087	6,006	5,951
9	6,227	6,032	5,832	5,729	5,625	5,519	5,410	5,322	5,242	5,188
10	5,661	5,471	5,274	5,173	5,071	4,966	4,859	4,772	4,692	4,639
11	5,236	5,049	4,855	4,756	4,654	4,551	4,445	4,359	4,279	4,226
12	4,906	4,721	4,530	4,431	4,331	4,228	4,123	4,037	3,958	3,904
13	4,643	4,460	4,270	4,173	4,073	3,970	3,866	3,780	3,700	3,647
14	4,428	4,247	4,059	3,961	3,862	3,760	3,655	3,569	3,490	3,436
15	4,250	4,070	3,883	3,786	3,687	3,585	3,480	3,394	3,314	3,260
16	4,099	3,920	3,734	3,638	3,539	3,437	3,332	3,246	3,166	3,111
17	3,971	3,793	3,607	3,511	3,412	3,311	3,206	3,119	3,039	2,984
18	3,860	3,683	3,498	3,402	3,303	3,201	3,096	3,009	2,929	2,873
19	3,763	3,587	3,402	3,306	3,208	3,106	3,000	2,913	2,832	2,776
20	3,678	3,502	3,318	3,222	3,123	3,022	2,916	2,828	2,747	2,690
21	3,602	3,427	3,243	3,147	3,049	2,947	2,841	2,753	2,671	2,614
22	3,535	3,360	3,176	3,081	2,982	2,880	2,774	2,685	2,602	2,546
23	3,474	3,300	3,116	3,021	2,922	2,820	2,713	2,624	2,541	2,484
24	3,420	3,246	3,062	2,967	2,868	2,765	2,658	2,569	2,486	2,428
25	3,370	3,196	3,013	2,918	2,819	2,716	2,609	2,519	2,435	2,377
26	3,325	3,151	2,968	2,873	2,774	2,671	2,563	2,473	2,389	2,330
27	3,284	3,110	2,927	2,832	2,733	2,630	2,522	2,431	2,346	2,287
28	3,246	3,073	2,890	2,794	2,695	2,592	2,483	2,392	2,307	2,247
29	3,211	3,038	2,855	2,759	2,660	2,557	2,448	2,357	2,270	2,210
30	3,179	3,006	2,823	2,727	2,628	2,524	2,415	2,323	2,237	2,176
35	3,048	2,876	2,693	2,597	2,497	2,392	2,282	2,188	2,099	2,036
40	2,953	2,781	2,598	2,502	2,401	2,296	2,184	2,088	1,997	1,932
45	2,881	2,709	2,527	2,430	2,329	2,222	2,109	2,012	1,918	1,851
50	2,825	2,653	2,470	2,373	2,272	2,164	2,050	1,951	1,855	1,786
55	2,779	2,608	2,425	2,327	2,226	2,118	2,002	1,902	1,804	1,733
60	2,742	2,570	2,387	2,290	2,187	2,079	1,962	1,861	1,761	1,689
70	2,684	2,513	2,329	2,231	2,128	2,019	1,900	1,797	1,694	1,618
80	2,641	2,470	2,286	2,188	2,084	1,974	1,854	1,748	1,643	1,563
90	2,608	2,437	2,253	2,155	2,051	1,939	1,818	1,711	1,602	1,520
100	2,583	2,411	2,227	2,128	2,024	1,912	1,790	1,681	1,570	1,485
120	2,544	2,373	2,188	2,089	1,984	1,871	1,747	1,636	1,521	1,431
150	2,506	2,335	2,150	2,050	1,944	1,830	1,704	1,590	1,471	1,374
250	2,446	2,275	2,089	1,989	1,882	1,765	1,636	1,516	1,387	1,274
500	2,402	2,230	2,044	1,943	1,835	1,717	1,584	1,460	1,319	1,184
$\infty$	2,358	2,187	2,000	1,898	1,789	1,669	1,533	1,402	1,245	1,000