

Kwantyle rozkładu F ($\alpha=0,01$)

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r_2	r_1																													
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30	35	40	45	50	60	80	100	200	500	10000
1	4052	4999	5404	5624	5764	5859	5928	5981	6022	6056	6107	6143	6170	6191	6209	6223	6234	6245	6253	6260	6275	6286	6296	6302	6313	6326	6334	6350	6360	6366
2	98,502	99,000	99,164	99,251	99,302	99,331	99,357	99,375	99,390	99,397	99,419	99,426	99,437	99,444	99,448	99,455	99,455	99,462	99,462	99,466	99,470	99,477	99,477	99,477	99,484	99,484	99,491	99,491	99,499	99,499
3	34,116	30,816	29,457	28,710	28,237	27,911	27,671	27,489	27,345	27,228	27,052	26,924	26,826	26,751	26,690	26,639	26,597	26,562	26,531	26,504	26,451	26,411	26,379	26,354	26,316	26,269	26,241	26,183	26,148	26,126
4	21,198	18,600	16,694	15,977	15,522	15,207	14,976	14,799	14,659	14,546	14,374	14,249	14,154	14,079	14,019	13,970	13,929	13,894	13,864	13,838	13,785	13,745	13,714	13,690	13,652	13,605	13,577	13,520	13,486	13,464
5	16,258	13,274	12,060	11,392	10,967	10,672	10,456	10,289	10,158	10,051	9,888	9,770	9,680	9,609	9,553	9,506	9,466	9,433	9,404	9,379	9,329	9,291	9,262	9,238	9,202	9,157	9,130	9,075	9,042	9,022
6	13,745	10,925	9,780	9,148	8,746	8,466	8,260	8,102	7,976	7,874	7,718	7,605	7,519	7,451	7,396	7,351	7,313	7,281	7,253	7,229	7,180	7,143	7,115	7,091	7,057	7,013	6,987	6,934	6,901	6,881
7	12,246	9,547	8,451	7,847	7,460	7,191	6,993	6,840	6,719	6,620	6,469	6,359	6,275	6,209	6,155	6,111	6,074	6,043	6,016	5,992	5,944	5,908	5,880	5,858	5,824	5,781	5,755	5,702	5,671	5,651
8	11,259	8,649	7,591	7,006	6,632	6,371	6,178	6,029	5,911	5,814	5,667	5,559	5,477	5,412	5,359	5,316	5,279	5,248	5,221	5,198	5,151	5,116	5,088	5,065	5,032	4,989	4,963	4,911	4,880	4,860
9	10,562	8,022	6,992	6,422	6,057	5,802	5,613	5,467	5,351	5,257	5,111	5,005	4,924	4,860	4,808	4,765	4,729	4,698	4,672	4,649	4,602	4,567	4,539	4,517	4,483	4,441	4,415	4,363	4,332	4,312
10	10,044	7,559	6,552	5,994	5,636	5,386	5,200	5,057	4,942	4,849	4,706	4,601	4,520	4,457	4,405	4,363	4,327	4,296	4,270	4,247	4,201	4,165	4,138	4,115	4,082	4,039	4,014	3,962	3,930	3,910
11	9,646	7,206	6,217	5,668	5,316	5,069	4,886	4,744	4,632	4,539	4,397	4,293	4,213	4,150	4,099	4,057	4,021	3,990	3,964	3,941	3,895	3,860	3,832	3,810	3,776	3,734	3,708	3,656	3,624	3,604
12	9,330	6,927	5,953	5,412	5,064	4,821	4,640	4,499	4,388	4,296	4,155	4,052	3,972	3,910	3,858	3,816	3,780	3,750	3,724	3,701	3,654	3,619	3,592	3,569	3,535	3,493	3,467	3,414	3,382	3,362
13	9,074	6,701	5,739	5,205	4,862	4,620	4,441	4,302	4,191	4,100	3,960	3,857	3,778	3,716	3,665	3,622	3,587	3,556	3,530	3,507	3,461	3,425	3,398	3,375	3,341	3,298	3,272	3,219	3,187	3,166
14	8,862	6,515	5,564	5,035	4,695	4,456	4,278	4,140	4,030	3,939	3,800	3,698	3,619	3,556	3,505	3,463	3,427	3,397	3,371	3,348	3,301	3,266	3,238	3,215	3,181	3,138	3,112	3,059	3,026	3,005
15	8,683	6,359	5,417	4,893	4,556	4,318	4,142	4,004	3,895	3,805	3,666	3,564	3,485	3,423	3,372	3,330	3,294	3,264	3,237	3,214	3,167	3,132	3,104	3,081	3,047	3,004	2,977	2,923	2,891	2,870
16	8,531	6,226	5,292	4,773	4,437	4,202	4,026	3,890	3,780	3,691	3,553	3,451	3,372	3,310	3,259	3,216	3,181	3,150	3,124	3,101	3,054	3,018	2,990	2,967	2,933	2,889	2,863	2,808	2,775	2,754
17	8,400	6,112	5,185	4,669	4,336	4,101	3,927	3,791	3,682	3,593	3,455	3,353	3,275	3,212	3,162	3,119	3,083	3,053	3,026	3,003	2,956	2,920	2,892	2,869	2,835	2,791	2,764	2,709	2,676	2,654
18	8,285	6,013	5,092	4,579	4,248	4,015	3,841	3,705	3,597	3,508	3,371	3,269	3,190	3,128	3,077	3,035	2,999	2,968	2,942	2,919	2,871	2,835	2,807	2,784	2,749	2,705	2,678	2,623	2,589	2,567
19	8,185	5,926	5,010	4,500	4,171	3,939	3,765	3,631	3,523	3,434	3,297	3,195	3,116	3,054	3,003	2,961	2,925	2,894	2,868	2,844	2,797	2,761	2,732	2,709	2,674	2,630	2,602	2,547	2,512	2,490
20	8,096	5,849	4,938	4,431	4,103	3,871	3,699	3,564	3,457	3,368	3,231	3,130	3,051	2,989	2,938	2,895	2,859	2,829	2,802	2,778	2,731	2,695	2,666	2,643	2,608	2,563	2,535	2,479	2,445	2,422
21	8,017	5,780	4,874	4,369	4,042	3,812	3,640	3,506	3,398	3,310	3,173	3,072	2,993	2,931	2,880	2,837	2,801	2,770	2,743	2,720	2,672	2,636	2,607	2,584	2,548	2,503	2,476	2,419	2,384	2,361
22	7,945	5,719	4,817	4,313	3,988	3,758	3,587	3,453	3,346	3,258	3,121	3,019	2,941	2,879	2,827	2,785	2,749	2,718	2,691	2,667	2,620	2,583	2,554	2,531	2,495	2,450	2,422	2,365	2,329	2,307
23	7,881	5,664	4,765	4,264	3,939	3,710	3,539	3,406	3,299	3,211	3,074	2,973	2,894	2,832	2,780	2,738	2,702	2,671	2,644	2,620	2,572	2,536	2,506	2,483	2,447	2,401	2,373	2,316	2,280	2,257
24	7,823	5,614	4,718	4,218	3,895	3,667	3,496	3,363	3,256	3,168	3,032	2,930	2,852	2,789	2,738	2,695	2,659	2,628	2,601	2,577	2,529	2,492	2,463	2,440	2,403	2,357	2,329	2,271	2,235	2,212
25	7,770	5,568	4,675	4,177	3,855	3,627	3,457	3,324	3,217	3,129	2,993	2,892	2,813	2,751	2,699	2,657	2,620	2,589	2,562	2,538	2,490	2,453	2,424	2,400	2,364	2,317	2,289	2,230	2,194	2,171
26	7,721	5,526	4,637	4,140	3,818	3,591	3,421	3,288	3,182	3,094	2,958	2,857	2,778	2,715	2,664	2,621	2,585	2,554	2,526	2,503	2,454	2,417	2,388	2,364	2,327	2,281	2,252	2,193	2,156	2,133
27	7,677	5,488	4,601	4,106	3,785	3,558	3,388	3,256	3,149	3,062	2,926	2,824	2,746	2,683	2,632	2,589	2,552	2,521	2,494	2,470	2,421	2,384	2,354	2,330	2,294	2,247	2,218	2,159	2,122	2,098
28	7,636	5,453	4,568	4,074	3,754	3,528	3,358	3,226	3,120	3,032	2,896	2,795	2,716	2,653	2,602	2,559	2,522	2,491	2,464	2,440	2,391	2,354	2,324	2,300	2,263	2,216	2,187	2,127	2,090	2,065
29	7,598	5,420	4,538	4,045	3,725	3,499	3,330	3,198	3,092	3,005	2,868	2,767	2,689	2,626	2,574	2,531	2,495	2,463	2,436	2,412	2,363	2,325	2,296	2,271	2,234	2,187	2,158	2,097	2,060	2,035
30	7,562	5,390	4,510	4,018	3,699	3,473	3,305	3,173	3,067	2,979	2,843	2,742	2,663	2,600	2,549	2,506	2,469	2,437	2,410	2,386	2,337	2,299	2,269	2,245	2,208	2,160	2,131	2,070	2,032	2,008
32	7,499	5,336	4,459	3,969	3,652	3,427	3,258	3,127	3,021	2,934	2,798	2,696	2,618	2,555	2,503	2,460	2,423	2,391	2,364	2,340	2,290	2,252	2,222	2,198	2,160	2,112	2,082	2,021	1,982	1,957
34	7,444	5,289	4,416	3,927	3,611	3,386	3,218	3,087	2,981	2,894	2,758	2,657	2,578	2,515	2,463	2,420	2,383	2,351	2,323	2,299	2,249	2,211	2,181	2,156	2,118	2,070	2,040	1,977	1,938	1,913
36	7,396	5,248	4,377	3,890	3,574	3,351	3,183	3,052	2,946	2,859	2,723	2,622	2,543	2,480	2,428	2,384	2,347	2,315	2,288	2,263	2,213	2,175	2,145	2,120	2,082	2,032	2,002	1,939	1,899	1,873
38	7,353	5,211	4,343	3,858	3,542	3,319	3,152	3,021	2,915	2,828	2,692	2,591	2,512	2,449	2,397	2,353	2,316	2,284	2,256	2,232	2,182	2,143	2,112	2,087	2,049	1,999	1,968	1,904	1,864	1,838
40	7,314	5,178	4,313	3,828	3,514	3,291	3,124	2,993	2,888	2,801	2,665	2,563	2,484	2,421	2,369	2,325	2,288	2,256	2,228	2,203	2,153	2,114	2,083	2,058	2,019	1,969	1,938	1,874	1,833	1,806
42	7,280	5,149	4,285	3,802	3,488	3,266	3,099	2,968	2,863	2,776	2,640	2,539	2,460	2,396	2,344	2,300	2,263	2,231	2,203	2,178	2,127	2,088	2,057	2,032	1,993	1,943	1,911	1,846	1,804	1,777
44	7,248	5,123	4,261	3,778	3,465	3,243	3,076	2,946	2,840	2,754	2,618	2,516	2,437	2,374	2,321	2,278	2,240	2,208	2,180	2,155	2,104	2,065	2,034	2,008	1,969	1,918	1,887	1,821	1,779	1,751
46	7,220	5,099	4,238	3,757	3,444	3,222	3,056	2,925	2,820	2,733	2,598	2,496	2,417	2,353	2,301	2,257	2,220	2,187	2,159	2,134	2,083	2,044	2,012	1,987	1,947	1,896	1,864	1,797	1,755	1,727
48	7,194	5,077	4,218	3,737	3,425	3,204																								