

F-próba táblázata 95%-os valószínűsége

Az (m,n)-szabadságfokú $F_{m-1,n-1}^{\chi^2_{1-\alpha}}$ ill. χ^2_α függvény n ill. m-szabadságfokú χ^2 -eloszlású v.v.

szabadságfok	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	40	50	60	70	80	90	100	200	300	400	500							
1	161.448	16.513	10.128	7.709	6.598	5.987	5.591	5.318	5.117	4.965	4.844	4.747	4.667	4.600	4.543	4.494	4.451	4.414	4.381	4.351	4.325	4.301	4.279	4.260	4.242	4.225	4.210	4.196	4.183	4.171	4.160	4.150	4.140	4.130	4.120	4.110	4.100	4.090	4.080	4.070	4.060	4.050						
2	199.500	19.000	12.592	9.854	8.584	7.799	7.247	6.869	6.591	6.364	6.180	6.030	5.900	5.786	5.686	5.598	5.514	5.434	5.358	5.286	5.218	5.154	5.094	5.038	4.986	4.936	4.888	4.842	4.797	4.754	4.712	4.671	4.631	4.591	4.551	4.511	4.471	4.431	4.391	4.351	4.311	4.271	4.231	4.191	4.151			
3	215.707	19.164	12.777	10.000	8.698	7.877	7.307	6.914	6.624	6.384	6.196	6.044	5.912	5.796	5.694	5.604	5.518	5.436	5.358	5.284	5.214	5.148	5.086	5.028	4.974	4.922	4.872	4.824	4.777	4.732	4.688	4.645	4.603	4.561	4.519	4.478	4.437	4.396	4.355	4.314	4.273	4.232	4.191	4.150	4.109			
4	225.923	19.317	13.016	10.194	8.864	8.029	7.447	7.049	6.756	6.514	6.324	6.171	6.038	5.921	5.818	5.726	5.638	5.553	5.471	5.392	5.317	5.246	5.179	5.115	5.054	4.996	4.941	4.888	4.836	4.785	4.735	4.686	4.637	4.589	4.541	4.493	4.445	4.397	4.349	4.301	4.253	4.205	4.157	4.109	4.061			
5	231.162	19.456	13.213	10.256	8.916	8.070	7.487	7.087	6.793	6.550	6.360	6.207	6.074	5.956	5.853	5.762	5.674	5.589	5.507	5.428	5.353	5.282	5.214	5.149	5.086	5.026	4.968	4.913	4.860	4.808	4.757	4.707	4.658	4.609	4.561	4.512	4.464	4.416	4.368	4.320	4.272	4.224	4.176	4.128	4.080	4.032		
6	235.464	19.586	13.384	10.386	9.036	8.180	7.597	7.197	6.903	6.660	6.470	6.317	6.184	6.066	5.963	5.872	5.786	5.702	5.620	5.541	5.466	5.395	5.327	5.262	5.199	5.138	5.079	5.022	4.966	4.911	4.857	4.804	4.752	4.699	4.648	4.597	4.547	4.497	4.447	4.397	4.347	4.297	4.247	4.197	4.147	4.097		
7	239.046	19.709	13.537	10.519	9.169	8.313	7.730	7.330	7.036	6.793	6.603	6.450	6.317	6.199	6.096	5.994	5.902	5.818	5.736	5.656	5.579	5.505	5.435	5.368	5.303	5.240	5.179	5.120	5.063	5.008	4.954	4.900	4.847	4.794	4.742	4.689	4.637	4.585	4.533	4.481	4.429	4.377	4.325	4.273	4.221	4.169		
8	241.984	19.826	13.671	10.651	9.301	8.445	7.862	7.462	7.168	6.925	6.735	6.582	6.449	6.331	6.228	6.126	6.034	5.950	5.868	5.788	5.710	5.635	5.564	5.496	5.430	5.366	5.304	5.243	5.184	5.127	5.071	5.016	4.962	4.908	4.854	4.800	4.746	4.692	4.638	4.584	4.530	4.476	4.422	4.368	4.314	4.260		
9	244.326	19.943	13.798	10.778	9.428	8.572	7.989	7.589	7.295	7.052	6.862	6.709	6.576	6.458	6.355	6.253	6.161	6.078	5.996	5.916	5.838	5.762	5.689	5.619	5.551	5.485	5.421	5.358	5.297	5.238	5.181	5.125	5.070	5.016	4.962	4.908	4.854	4.800	4.746	4.692	4.638	4.584	4.530	4.476	4.422	4.368		
10	246.984	20.060	13.915	10.900	9.550	8.694	8.111	7.711	7.417	7.174	6.984	6.831	6.702	6.584	6.481	6.379	6.287	6.204	6.122	6.041	5.961	5.882	5.805	5.730	5.657	5.586	5.517	5.450	5.392	5.335	5.279	5.224	5.169	5.115	5.061	5.007	4.953	4.899	4.845	4.791	4.737	4.683	4.629	4.575	4.521	4.467		
11	249.884	20.177	14.032	11.027	9.677	8.821	8.238	7.838	7.544	7.301	7.110	6.957	6.828	6.709	6.606	6.504	6.412	6.330	6.249	6.168	6.088	6.009	5.931	5.855	5.781	5.709	5.638	5.568	5.500	5.443	5.387	5.332	5.277	5.223	5.169	5.115	5.061	5.007	4.953	4.899	4.845	4.791	4.737	4.683	4.629	4.575		
12	252.984	20.294	14.149	11.154	9.802	8.946	8.363	7.963	7.669	7.426	7.235	7.082	6.953	6.834	6.731	6.629	6.537	6.456	6.375	6.295	6.215	6.136	6.057	5.979	5.902	5.826	5.751	5.678	5.607	5.538	5.481	5.426	5.372	5.318	5.264	5.210	5.156	5.102	5.048	4.994	4.940	4.886	4.832	4.778	4.724	4.670		
13	256.246	20.411	14.266	11.281	9.929	9.073	8.490	8.090	7.796	7.553	7.362	7.209	7.080	6.961	6.858	6.756	6.664	6.583	6.503	6.423	6.343	6.264	6.185	6.106	6.028	5.951	5.875	5.800	5.727	5.658	5.591	5.536	5.482	5.428	5.374	5.320	5.266	5.212	5.158	5.104	5.050	4.996	4.942	4.888	4.834	4.780		
14	259.646	20.528	14.383	11.408	10.056	9.200	8.617	8.217	7.923	7.680	7.489	7.336	7.207	7.078	6.975	6.873	6.781	6.699	6.618	6.537	6.457	6.377	6.298	6.219	6.140	6.062	5.985	5.909	5.834	5.762	5.694	5.627	5.572	5.518	5.464	5.410	5.356	5.302	5.248	5.194	5.140	5.086	5.032	4.978	4.924	4.870		
15	263.146	20.645	14.500	11.535	10.183	9.327	8.744	8.344	8.050	7.807	7.616	7.463	7.334	7.205	7.102	7.000	6.908	6.826	6.745	6.664	6.584	6.504	6.425	6.346	6.267	6.188	6.109	6.031	5.953	5.876	5.800	5.733	5.670	5.616	5.562	5.508	5.454	5.400	5.346	5.292	5.238	5.184	5.130	5.076	5.022	4.968		
16	266.746	20.762	14.617	11.662	10.310	9.454	8.871	8.471	8.177	7.934	7.743	7.590	7.461	7.332	7.229	7.127	7.035	6.953	6.872	6.791	6.711	6.631	6.552	6.473	6.394	6.315	6.236	6.157	6.078	5.999	5.921	5.843	5.765	5.687	5.610	5.532	5.454	5.376	5.298	5.220	5.142	5.064	4.986	4.908	4.830	4.752	4.674	
17	270.396	20.879	14.734	11.789	10.437	9.581	8.998	8.598	8.304	8.061	7.870	7.717	7.588	7.459	7.356	7.254	7.162	7.080	6.999	6.918	6.838	6.758	6.678	6.598	6.518	6.438	6.358	6.278	6.198	6.118	6.038	5.958	5.878	5.798	5.718	5.638	5.558	5.478	5.398	5.318	5.238	5.158	5.078	4.998	4.918	4.838		
18	274.146	20.996	14.851	11.916	10.564	9.708	9.125	8.725	8.431	8.188	7.997	7.844	7.715	7.586	7.483	7.381	7.299	7.217	7.135	7.054	6.973	6.892	6.811	6.731	6.650	6.570	6.490	6.410	6.330	6.250	6.170	6.090	6.010	5.930	5.850	5.770	5.690	5.610	5.530	5.450	5.370	5.290	5.210	5.130	5.050	4.970	4.890	
19	277.996	21.113	14.968	12.043	10.691	9.835	9.252	8.852	8.558	8.315	8.124	7.971	7.842	7.713	7.610	7.508	7.426	7.344	7.262	7.181	7.100	7.019	6.938	6.857	6.776	6.695	6.614	6.533	6.452	6.371	6.291	6.210	6.130	6.050	5.970	5.890	5.810	5.730	5.650	5.570	5.490	5.410	5.330	5.250	5.170	5.090	5.010	
20	281.896	21.230	15.085	12.170	10.818	9.962	9.379	8.979	8.685	8.442	8.251	8.098	7.969	7.840	7.737	7.635	7.553	7.471	7.389	7.307	7.226	7.145	7.064	6.983	6.902	6.821	6.740	6.659	6.578	6.497	6.416	6.335	6.254	6.173	6.092	6.011	5.930	5.850	5.769	5.688	5.607	5.526	5.445	5.364	5.283	5.202	5.121	5.040
21	285.846	21.347	15.202	12.297	10.945	10.089	9.506	9.106	8.812	8.569	8.378	8.225	8.096	7.967	7.864	7.762	7.680	7.598	7.516	7.434	7.352	7.271	7.190	7.109	7.028	6.947	6.866	6.785	6.704	6.623	6.542	6.461	6.380	6.300	6.219	6.138	6.057	5.976	5.895	5.814	5.733	5.652	5.571	5.490	5.409	5.328	5.247	5.166
22	289.846	21.464	15.319	12.424	11.072	10.216	9.633	9.233	8.939	8.696	8.505	8.352	8.223	8.094	7.991	7.889	7.807	7.725	7.643	7.561	7.479	7.397	7.315	7.233	7.151	7.070	6.988	6.907	6.826	6.745	6.664	6.583	6.502	6.421	6.340	6.259	6.178	6.097	6.016	5.935	5.854	5.773	5.692	5.611	5.530	5.449	5.368	5.287
23	293.896	21.581	15.436	12.551	11.199	10.343	9.760	9.360	9.066	8.823	8.632	8.479	8.350	8.221	8.118	8.016	7.934	7.852	7.770	7.688	7.606	7.524	7.442	7.360	7.278	7.196	7.114	7.032	6.951	6.870	6.789	6.708	6.627	6.546	6.465	6.384	6.303	6.222	6.141	6.060	5.979	5.898	5.817	5.736	5.655	5.574	5.493	5.412
24	297.946	21.698	15.553	12.678	11.326	10.466	9.883	9.483	9.189	8.946	8.755	8.602	8.473	8.344	8.241	8.139	8.057	7.975	7.893	7.811	7.729	7.647	7.565	7.483	7.401	7.319	7.237	7.155	7.073	6.991	6.910	6.828	6.747	6.666	6.585	6.504	6.423	6.342	6.261	6.180	6.099	6.018	5.937	5.856	5.775	5.694	5.613	
25	302.046	21.815	15.670	12.805	11.453	10.589	10.006	9.606	9.312	9.069	8.878	8.725	8.596	8.467	8.364	8.262	8.180	8.098	8.016	7.934	7.852	7.770	7.688	7.606	7.524	7.442	7.360	7.278	7.196	7.114	7.032	6.950	6.868	6.786	6.704	6.622	6.540	6.458	6.376	6.294	6.212	6						