Standard normális eloszlásfüggvény

$$\Phi(x) = \int_{-\infty}^{x} \frac{1}{\sqrt{2\pi}} e^{-\frac{t^2}{2}} \, \mathrm{d}t, \quad x \geq 0$$

x	0,00	0,01	0,02	0,03	0,04	0,05	0,06	0,07	0,08	0,09
0,0	0,5000	0,5040	0,5080	0,5120	0,5160	0,5199	0,5239	0,5279	0,5319	0,5359
0,1	0,5398	0,5438	0,5478	0,5517	0,5557	0,5596	0,5636	0,5675	0,5714	0,5753
0,2	0,5793	0,5832	0,5871	0,5910	0,5948	0,5987	0,6026	0,6064	0,6103	0,6141
0,3	0,6179	0,6217	0,6255	0,6293	0,6331	0,6368	0,6406	0,6443	0,6480	0,6517
0,4	0,6554	0,6591	0,6628	0,6664	0,6700	0,6736	0,6772	0,6808	0,6844	0,6879
0,5	0,6915	0,6950	0,6985	0,7019	0,7054	0,7088	0,7123	0,7157	0,7190	0,7224
0,6	0,7257	0,7291	0,7324	0,7357	0,7389	0,7422	0,7454	0,7486	0,7517	0,7549
0,7	0,7580	0,7611	0,7642	0,7673	0,7704	0,7734	0,7764	0,7794	0,7823	0,7852
0,8	0,7881	0,7910	0,7939	0,7967	0,7995	0,8023	0,8051	0,8078	0,8106	0,8133
0,9	0,8159	0,8186	0,8212	0,8238	0,8264	0,8289	0,8315	0,8340	0,8365	0,8389
1,0	0,8413	0,8438	0,8461	0,8485	0,8508	0,8531	0,8554	0,8577	0,8599	0,8621
1,1	0,8643	0,8665	0,8686	0,8708	0,8729	0,8749	0,8770	0,8790	0,8810	0,8830
1,2	0,8849	0,8869	0,8888	0,8907	0,8925	0,8944	0,8962	0,8980	0,8997	0,9015
1,3	0,9032	0,9049	0,9066	0,9082	0,9099	0,9115	0,9131	0,9147	0,9162	0,9177
1,4	0,9192	0,9207	0,9222	0,9236	0,9251	0,9265	0,9279	0,9292	0,9306	0,9319
1,5	0,9332	0,9345	0,9357	0,9370	0,9382	0,9394	0,9406	0,9418	0,9429	0,9441
1,6	0,9452	0,9463	0,9474	0,9484	0,9495	0,9505	0,9515	0,9525	0,9535	0,9545
1,7	0,9554	0,9564	0,9573	0,9582	0,9591	0,9599	0,9608	0,9616	0,9625	0,9633
1,8	0,9641	0,9649	0,9656	0,9664	0,9671	0,9678	0,9686	0,9693	0,9699	0,9706
1,9	0,9713	0,9719	0,9726	0,9732	0,9738	0,9744	0,9750	0,9756	0,9761	0,9767
2,0	0,9772	0,9778	0,9783	0,9788	0,9793	0,9798	0,9803	0,9808	0,9812	0,9817
2,1	0,9821	0,9826	0,9830	0,9834	0,9838	0,9842	0,9846	0,9850	0,9854	0,9857
2,2	0,9861	0,9864	0,9868	0,9871	0,9875	0,9878	0,9881	0,9884	0,9887	0,9890
2,3	0,9893	0,9896	0,9898	0,9901	0,9904	0,9906	0,9909	0,9911	0,9913	0,9916
2,4	0,9918	0,9920	0,9922	0,9925	0,9927	0,9929	0,9931	0,9932	0,9934	0,9936
2,5	0,9938	0,9940	0,9941	0,9943	0,9945	0,9946	0,9948	0,9949	0,9951	0,9952
2,6	0,9953	0,9955	0,9956	0,9957	0,9959	0,9960	0,9961	0,9962	0,9963	0,9964
2,7	0,9965	0,9966	0,9967	0,9968	0,9969	0,9970	0,9971	0,9972	0,9973	0,9974
2,8	0,9974	0,9975	0,9976	0,9977	0,9977	0,9978	0,9979	0,9979	0,9980	0,9981
2,9	0,9981	0,9982	0,9982	0,9983	0,9984	0,9984	0,9985	0,9985	0,9986	0,9986
3,0	0,9987	0,9987	0,9987	0,9988	0,9988	0,9989	0,9989	0,9989	0,9990	0,9990
3,1	0,9990	0,9991	0,9991	0,9991	0,9992	0,9992	0,9992	0,9992	0,9993	0,9993
3,2	0,9993	0,9993	0,9994	0,9994	0,9994	0,9994	0,9994	0,9995	0,9995	0,9995
3,3	0,9995	0,9995	0,9995	0,9996	0,9996	0,9996	0,9996	0,9996	0,9996	0,9997
3,4	0,9997	0,9997	0,9997	0,9997	0,9997	0,9997	0,9997	0,9997	0,9997	0,9998

z	$\Phi(z)$	z	$\Phi(z)$	z	$\Phi(z)$	z	$\Phi(z)$	z	$\Phi(z)$	z	$\Phi(z)$
0,01	0,5040	0,44	0,6700	0,87	0,8079	1,30	0,9032	1,73	0,9582	2,32	0,9898
0,02	0,5080	0,45	0,6736	0,88	0,8106	1,31	0,9049	1,74	0,9591	2,34	0,9904
0,03	0,5120	0,46	0,6772	0,89	0,8133	1,32	0,9066	1,75	0,9599	2,36	0,9909
0,04	0,5160	0,47	0,6808	0,90	0,8159	1,33	0,9082	1,76	0,9608	2,38	0,9913
0,05	0,5199	0,48	0,6844	0,91	0,8186	1,34	0,9099	1,77	0,9616	2,40	0,9918
0,06	0,5239	0,49	0,6879	0,92	0,8212	1,35	0,9115	1,78	0,9625	2,42	0,9922
0,07	0,5279	0,50	0,6915	0,93	0,8238	1,36	0,9131	1,79	0,9633	2,44	0,9927
0,08	0,5319	0,51	0,6950	0,94	0,8264	1,37	0,9147	1,80	0,9641	2,46	0,9931
0,09	0,5359	0,52	0,6985	0,95	0,8289	1,38	0,9162	1,81	0,9649	2,48	0,9934
0,10	0,5398	0,53	0,7019	0,96	0,8315	1,39	0,9177	1,82	0,9656	2,50	0,9938
0,11	0,5438	0,54	0,7054	0,97	0,8340	1,40	0,9192	1,83	0,9664	2,52	0,9941
0,12	0,5478	0,55	0,7088	0,98	0,8365	1,41	0,9207	1,84	0,9671	2,54	0,9945
0,13	0,5517	0,56	0,7123	0,99	0,8389	1,42	0,9222	1,85	0,9678	2,56	0,9948
0,14	0,5557	0,57	0,7157	1,00	0,8413	1,43	0,9236	1,86	0,9686	2,58	0,9951
0,15	0,5596	0,58	0,7190	1,01	0,8438	1,44	0,9251	1,87	0,9693	2,60	0,9953
0,16	0,5636	0,59	0,7224	1,02	0,8461	1,45	0,9265	1,88	0,9699	2,62	0,9956
0,17	0,5675	0,60	0,7257	1,03	0,8485	1,46	0,9279	1,89	0,9706	2,64	0,9959
0,18	0,5714	0,61	0,7291	1,04	0,8508	1,47	0,9292	1,90	0,9713	2,66	0,9961
0,19	0,5753	0,62	0,7324	1,05	0,8531	1,48	0,9306	1,91	0,9719	2,68	0,9963
0,20	0,5793	0,63	0,7357	1,06	0,8554	1,49	0,9319	1,92	0,9726	2,70	0,9965
0,21	0,5832	0,64	0,7389	1,07	0,8577	1,50	0,9332	1,93	0,9732	2,72	0,9967
0,22	0,5871	0,65	0,7422	1,08	0,8599	1,51	0,9345	1,94	0,9738	2,74	0,9969
0,23	0,5910	0,66	0,7454	1,09	0,8621	1,52	0,9357	1,95	0,9744	2,76	0,9971
0,24	0,5948	0,67	0,7486	1,10	0,8643	1,53	0,9370	1,96	0,9750	2,78	0,9973
0,25	0,5987	0,68	0,7517	1,11	0,8665	1,54	0,9382	1,97	0,9756	2,80	0,9974
0,26	0,6026	0,69	0,7549	1,12	0,8686	1,55	0,9394	1,98	0,9761	2,82	0,9976
0,27	0,6064	0,70	0,7580	1,13	0,8708	1,56	0,9406	1,99	0,9767	2,84	0,9977
0,28	0,6103	0,71	0,7611	1,14	0,8729	1,57	0,9418	2,00	0,9773	2,86	0,9979
0,29	0,6141	0,72	0,7642	1,15	0,8749	1,58	0,9429	2,02	0,9783	2,88	0,9980
0,30	0,6179	0,73	0,7673	1,16	0,8770	1,59	0,9441	2,04	0,9793	2,90	0,9981
0,31	0,6217	0,74	0,7704	1,17	0,8790	1,60	0,9452	2,06	0,9803	2,92	0,9983
0,32	0,6255	0,75	0,7734	1,18	0,8810	1,61	0,9463	2,08	0,9812	2,94	0,9984
0,33	0,6293	0,76	0,7764	1,19	0,8830	1,62	0,9474	2,10	0,9821	2,96	0,9985
0,34	0,6331	0,77	0,7794	1,20	0,8849	1,63	0,9484	2,12	0,9830	2,98	0,9986
0,35	0,6368	0,78	0,7823	1,21	0,8869	1,64	0,9495	2,14	0,9838	3,00	0,9987
0,36	0,6406	0,79	0,7852	1,22	0,8888	1,65	0,9505	2,16	0,9846	3,20	0,9993
0,37	0,6443	0,80	0,7881	1,23	0,8907	1,66	0,9515	2,18	0,9854	3,40	0,9997
0,38	0,6480	0,81	0,7910	1,24	0,8925	1,67	0,9525	2,20	0,9861	3,60	0,9998
0,39	0,6517	0,82	0,7939	1,25	0,8944	1,68	0,9535	2,22	0,9868	3,80	0,9999
0,40	0,6554	0,83	0,7967	1,26	0,8962	1,69	0,9545	2,24	0,9875	4,00	1,0000
0,41	0,6591	0,84	0,7995	1,27	0,8980	1,70	0,9554	2,26	0,9881		
0,42	0,6628	0,85	0,8023	1,28	0,8997	1,71	0,9564	2,28	0,9887		
0,43	0,6664	0,86	0,8051	1,29	0,9015	1,72	0,9573	2,30	0,9893		

Student (t) eloszlás ($\Phi_{df}^{-1}(p)$)

df \ p	0,60	0,70	0,75	0,80	0,90	0,95	0,975	0,990	0,995	0,9995
1	0,325	0,727	1,000	1,376	3,078	6,314	12,706	31,821	63,657	636,619
2	0,289	0,617	0,817	1,061	1,886	2,920	4,303	6,965	9,925	31,599
3	0,277	0,584	0,765	0,978	1,638	2,353	3,182	4,541	5,841	12,924
4	0,271	0,569	0,741	0,941	1,533	2,132	2,776	3,747	4,604	8,610
5	0,267	0,559	0,727	0,920	1,476	2,015	2,571	3,365	4,032	6,869
6	0,265	0,553	0,718	0,906	1,440	1,943	2,447	3,143	3,707	5,959
7	0,263	0,549	0,711	0,896	1,415	1,895	2,365	2,998	3,499	5,407
8	0,262	0,546	0,706	0,889	1,397	1,860	2,306	2,896	3,355	5,041
9	0,261	0,543	0,703	0,883	1,383	1,833	2,262	2,821	3,250	4,781
10	0,260	0,542	0,700	0,879	1,372	1,812	2,228	2,764	3,169	4,587
11	0,260	0,540	0,697	0,876	1,363	1,796	2,201	2,718	3,106	4,437
12	0,259	0,539	0,695	0,873	1,356	1,782	2,179	2,681	3,055	4,318
13	0,259	0,538	0,694	0,870	1,350	1,771	2,160	2,650	3,012	4,221
14	0,258	0,537	0,692	0,868	1,345	1,761	2,145	2,624	2,977	4,141
15	0,258	0,536	0,691	0,866	1,341	1,753	2,131	2,602	2,947	4,073
16	0,258	0,535	0,690	0,865	1,337	1,746	2,120	2,583	2,921	4,015
17	0,257	0,534	0,689	0,863	1,333	1,740	2,110	2,567	2,898	3,965
18	0,257	0,534	0,688	0,862	1,330	1,734	2,101	2,552	2,878	3,922
19	0,257	0,533	0,688	0,861	1,328	1,729	2,093	2,539	2,861	3,883
20	0,257	0,533	0,687	0,860	1,325	1,725	2,086	2,528	2,845	3,850
21	0,257	0,532	0,686	0,859	1,323	1,721	2,080	2,518	2,831	3,819
22	0,256	0,532	0,686	0,858	1,321	1,717	2,074	2,508	2,819	3,792
23	0,256	0,532	0,685	0,858	1,319	1,714	2,069	2,500	2,807	3,768
24	0,256	0,531	0,685	0,857	1,318	1,711	2,064	2,492	2,797	3,745
25	0,256	0,531	0,684	0,856	1,316	1,708	2,060	2,485	2,787	3,725
26	0,256	0,531	0,684	0,856	1,315	1,706	2,056	2,479	2,779	3,707
27	0,256	0,531	0,684	0,855	1,314	1,703	2,052	2,473	2,771	3.690
28	0,256	0,530	0,683	0,855	1,313	1,701	2,048	2,467	2,763	3.674
29	0,256	0,530	0,683	0,854	1,311	1,699	2,045	2,462	2,756	3.659
30	0,256	0,530	0,683	0,854	1,310	1,697	2,042	2,457	2,750	3.646
40	0,255	0,529	0,681	0,851	1,303	1,684	2,021	2,423	2,704	3,551
50	0,255	0,528	0,679	0,849	1,299	1,676	2,009	2,403	2,678	3,496
60	0,254	0,527	0,679	0,848	1,296	1,671	2,000	2,390	2,660	3,460
120	0,254	0,526	0,677	0,845	1,289	1,658	1,980	2,358	2,617	3,373
∞	0,253	0,524	0,674	0,842	1,282	1,645	1,960	2,326	2,576	3,291

Ha $\xi_0, \xi_1, \ldots, \xi_n$ teljesen független standard normális eloszlású valószínűségi változók, akkor

$$t = \frac{\xi_0}{\sqrt{(\xi_1^2 + \ldots + \xi_n^2)/n}}$$

egy n szabadságfokú Student eloszlású valószínűségi változó. Eloszlásfüggvénye $\Phi_n(x)$.

F táblázat ($F^{-1}_{df_1,\,df_2}(0,9)$)

df_2 \ df_1	1	2	3	4	5	6	7	8	9	10
1	39,86	49,50	53,59	55,83	57,24	58,20	58,91	59,44	59,86	60,20
2	8,526	9,000	9,162	9,243	9,293	9,326	9,349	9,367	9,381	9,392
3	5,538	5,462	5,391	5,343	5,309	5,285	5,266	5,252	5,240	5,230
4	4,545	4,325	4,191	4,107	4,051	4,010	3,979	3,955	3,936	3,920
5	4,060	3,780	3,619	3,520	3,453	3,405	3,368	3,339	3,316	3,297
6	3,776	3,463	3,289	3,181	3,108	3,055	3,014	2,983	2,958	2,937
7	3,589	3,257	3,074	2,961	2,883	2,827	2,785	2,752	2,725	2,703
8	3,458	3,113	2,924	2,806	2,726	2,668	2,624	2,589	2,561	2,538
9	3,360	3,006	2,813	2,693	2,611	2,551	2,505	2,469	2,440	2,416
10	3,285	2,924	2,728	2,605	2,522	2,461	2,414	2,377	2,347	2,323
11	3,225	2,860	2,660	2,536	2,451	2,389	2,342	2,304	2,274	2,248
12	3,177	2,807	2,606	2,480	2,394	2,331	2,283	2,245	2,214	2,188
13	3,136	2,763	2,560	2,434	2,347	2,283	2,234	2,195	2,164	2,138
14	3,102	2,726	2,522	2,395	2,307	2,243	2,193	2,154	2,122	2,095
15	3,073	2,695	2,490	2,361	2,273	2,208	2,158	2,119	2,086	2,059
16	3,048	2,668	2,462	2,333	2,244	2,178	2,128	2,088	2,055	2,028
17	3,026	2,645	2,437	2,308	2,218	2,152	2,102	2,061	2,028	2,001
18	3,007	2,624	2,416	2,286	2,196	2,130	2,079	2,038	2,005	1,977
19	2,990	2,606	2,397	2,266	2,176	2,109	2,058	2,017	1,984	1,956
20	2,975	2,589	2,380	2,249	2,158	2,091	2,040	1,999	1,965	1,937
21	2,961	2,575	2,365	2,233	2,142	2,075	2,023	1,982	1,948	1,920
22	2,949	2,561	2,351	2,219	2,128	2,061	2,008	1,967	1,933	1,904
23	2,937	2,549	2,339	2,207	2,115	2,047	1,995	1,953	1,919	1,890
24	2,927	2,538	2,327	2,195	2,103	2,035	1,983	1,941	1,906	1,877
25	2,918	2,528	2,317	2,184	2,092	2,024	1,971	1,929	1,895	1,866
26	2,909	2,519	2,307	2,174	2,082	2,014	1,961	1,919	1,884	1,855
27	2,901	2,511	2,299	2,165	2,073	2,005	1,952	1,909	1,874	1,845
28	2,894	2,503	2,291	2,157	2,064	1,996	1,943	1,900	1,865	1,836
29	2,887	2,495	2,283	2,149	2,057	1,988	1,935	1,892	1,857	1,827
30	2,881	2,489	2,276	2,142	2,049	1,980	1,927	1,884	1,849	1,819
40	2,835	2,440	2,226	2,091	1,997	1,927	1,873	1,829	1,793	1,763
60	2,791	2,393	2,177	2,041	1,946	1,875	1,819	1,775	1,738	1,707
120	2,748	2,347	2,130	1,992	1,896	1,824	1,767	1,722	1,684	1,652
∞	2,706	2,303	2,084	1,945	1,847	1,774	1,717	1,670	1,632	1,599

Ha $\xi_1, \ldots, \xi_n, \eta_1, \ldots, \eta_m$ teljesen független standard normális eloszlású valószínűségi változók, akkor

$$F = \frac{(\eta_1^2 + \ldots + \eta_m^2)/m}{(\xi_1^2 + \ldots + \xi_n^2)/n}$$

egy (n, m) szabadságfokú F eloszlású valószínűségi változó. Eloszlásfüggvénye $F_{n,\,m}(x)$.

F táblázat ($F^{-1}_{df_1,\,df_2}(0{,}9)$)

df_2 \ df_1	12	15	20	24	30	40	60	120	∞
1	60,71	61,22	61,74	62,00	62,27	62,53	62,79	63,06	63,33
2	9,408	9,425	9,441	9,450	9,458	9,466	9,475	9,483	9,491
3	5,216	5,200	5,184	5,176	5,168	5,160	5,151	5,143	5,134
4	3,896	3,870	3,844	3,831	3,817	3,804	3,790	3,775	3,761
5	3,268	3,238	3,207	3,191	3,174	3,157	3,140	3,123	3,105
6	2,905	2,871	2,836	2,818	2,800	2,781	2,762	2,742	2,722
7	2,668	2,632	2,595	2,575	2,555	2,535	2,514	2,493	2,471
8	2,502	2,464	2,425	2,404	2,383	2,361	2,339	2,316	2,293
9	2,379	2,340	2,298	2,277	2,255	2,232	2,208	2,184	2,159
10	2,284	2,244	2,201	2,178	2,155	2,132	2,107	2,082	2,055
11	2,209	2,167	2,123	2,100	2,076	2,052	2,026	2,000	1,972
12	2,147	2,105	2,060	2,036	2,011	1,986	1,960	1,932	1,904
13	2,097	2,053	2,007	1,983	1,958	1,931	1,904	1,876	1,846
14	2,054	2,010	1,962	1,938	1,912	1,885	1,857	1,828	1,797
15	2,017	1,972	1,924	1,899	1,873	1,845	1,817	1,787	1,755
16	1,985	1,940	1,891	1,866	1,839	1,811	1,782	1,751	1,718
17	1,958	1,912	1,862	1,836	1,809	1,781	1,751	1,719	1,686
18	1,933	1,887	1,837	1,810	1,783	1,754	1,723	1,691	1,657
19	1,912	1,865	1,814	1,787	1,759	1,730	1,699	1,666	1,631
20	1,892	1,845	1,794	1,767	1,738	1,708	1,677	1,643	1,607
21	1,875	1,827	1,776	1,748	1,719	1,689	1,657	1,623	1,586
22	1,859	1,811	1,759	1,731	1,702	1,671	1,639	1,604	1,567
23	1,845	1,796	1,744	1,716	1,686	1,655	1,622	1,587	1,549
24	1,832	1,783	1,730	1,702	1,672	1,641	1,607	1,571	1,533
25	1,820	1,771	1,718	1,689	1,659	1,627	1,593	1,557	1,518
26	1,809	1,760	1,706	1,677	1,647	1,615	1,581	1,544	1,504
27	1,799	1,749	1,695	1,666	1,636	1,603	1,569	1,531	1,491
28	1,790	1,740	1,685	1,656	1,625	1,593	1,558	1,520	1,478
29	1,781	1,731	1,676	1,647	1,616	1,583	1,547	1,509	1,467
30	1,773	1,722	1,667	1,638	1,606	1,573	1,538	1,499	1,456
40	1,715	1,662	1,605	1,574	1,541	1,506	1,467	1,425	1,377
60	1,657	1,603	1,543	1,511	1,476	1,437	1,395	1,348	1,291
120	1,601	1,545	1,482	1,447	1,409	1,368	1,320	1,265	1,193
∞	1,546	1,487	1,421	1,383	1,342	1,295	1,240	1,169	1,000

F táblázat ($F^{-1}_{df_1,\,df_2}(0{,}95)$)

df_2 \ df_1	1	2	3	4	5	6	7	8	9	10
1	161,4	199,5	215,7	224,6	230,2	234,0	236,8	238,9	240,5	241,9
2	18,51	19,00	19,16	19,25	19,30	19,33	19,35	19,37	19,38	19,40
3	10,13	9,552	9,277	9,117	9,014	8,941	8,887	8,845	8,812	8,786
4	7,709	6,944	6,591	6,388	6,256	6,163	6,094	6,041	5,999	5,964
5	6,608	5,786	5,410	5,192	5,050	4,950	4,876	4,818	4,773	4,735
6	5,987	5,143	4,757	4,534	4,387	4,284	4,207	4,147	4,099	4,060
7	5,591	4,737	4,347	4,120	3,972	3,866	3,787	3,726	3,677	3,637
8	5,318	4,459	4,066	3,838	3,688	3,581	3,501	3,438	3,388	3,347
9	5,117	4,257	3,863	3,633	3,482	3,374	3,293	3,230	3,179	3,137
10	4,965	4,103	3,708	3,478	3,326	3,217	3,136	3,072	3,020	2,978
11	4,844	3,982	3,587	3,357	3,204	3,095	3,012	2,948	2,896	2,854
12	4,747	3,885	3,490	3,259	3,106	2,996	2,913	2,849	2,796	2,753
13	4,667	3,806	3,411	3,179	3,025	2,915	2,832	2,767	2,714	2,671
14	4,600	3,739	3,344	3,112	2,958	2,848	2,764	2,699	2,646	2,602
15	4,543	3,682	3,287	3,056	2,901	2,791	2,707	2,641	2,588	2,544
16	4,494	3,634	3,239	3,007	2,852	2,741	2,657	2,591	2,538	2,494
17	4,451	3,592	3,197	2,965	2,810	2,699	2,614	2,548	2,494	2,450
18	4,414	3,555	3,160	2,928	2,773	2,661	2,577	2,510	2,456	2,412
19	4,381	3,522	3,127	2,895	2,740	2,628	2,544	2,477	2,423	2,378
20	4,351	3,493	3,098	2,866	2,711	2,599	2,514	2,447	2,393	2,348
21	4,325	3,467	3,073	2,840	2,685	2,573	2,488	2,421	2,366	2,321
22	4,301	3,443	3,049	2,817	2,661	2,549	2,464	2,397	2,342	2,297
23	4,279	3,422	3,028	2,796	2,640	2,528	2,442	2,375	2,320	2,275
24	4,260	3,403	3,009	2,776	2,621	2,508	2,423	2,355	2,300	2,255
25	4,242	3,385	2,991	2,759	2,603	2,490	2,405	2,337	2,282	2,237
26	4,225	3,369	2,975	2,743	2,587	2,474	2,388	2,321	2,266	2,220
27	4,210	3,354	2,960	2,728	2,572	2,459	2,373	2,305	2,250	2,204
28	4,196	3,340	2,947	2,714	2,558	2,445	2,359	2,291	2,236	2,190
29	4,183	3,328	2,934	2,701	2,545	2,432	2,346	2,278	2,223	2,177
30	4,171	3,316	2,922	2,690	2,534	2,421	2,334	2,266	2,211	2,165
40	4,085	3,232	2,839	2,606	2,450	2,336	2,249	2,180	2,124	2,077
60	4,001	3,150	2,758	2,525	2,368	2,254	2,167	2,097	2,040	1,993
120	3,920	3,072	2,680	2,447	2,290	2,175	2,087	2,016	1,959	1,911
∞	3,842	2,996	2,605	2,372	2,214	2,099	2,010	1,938	1,880	1,831

F táblázat ($F^{-1}_{df_1,\,df_2}(0{,}95)$)

df_2 \ df_1	12	15	20	24	30	40	60	120	∞
1	243,9	245,9	248,0	249,1	250,1	251,1	252,2	253,3	254,3
2	19,41	19,43	19,45	19,45	19,46	19,47	19,48	19,49	19,50
3	8,745	8,703	8,660	8,639	8,617	8,594	8,572	8,549	8,526
4	5,912	5,858	5,803	5,774	5,746	5,717	5,688	5,658	5,628
5	4,678	4,619	4,558	4,527	4,496	4,464	4,431	4,399	4,365
6	4,000	3,938	3,874	3,842	3,808	3,774	3,740	3,705	3,669
7	3,575	3,511	3,445	3,411	3,376	3,340	3,304	3,267	3,230
8	3,284	3,218	3,150	3,115	3,079	3,043	3,005	2,967	2,928
9	3,073	3,006	2,937	2,901	2,864	2,826	2,787	2,748	2,707
10	2,913	2,845	2,774	2,737	2,700	2,661	2,621	2,580	2,538
11	2,788	2,719	2,646	2,609	2,571	2,531	2,490	2,448	2,405
12	2,687	2,617	2,544	2,506	2,466	2,426	2,384	2,341	2,296
13	2,604	2,533	2,459	2,420	2,380	2,339	2,297	2,252	2,206
14	2,534	2,463	2,388	2,349	2,308	2,266	2,223	2,178	2,131
15	2,475	2,403	2,328	2,288	2,247	2,204	2,160	2,114	2,066
16	2,425	2,352	2,276	2,235	2,194	2,151	2,106	2,059	2,010
17	2,381	2,308	2,230	2,190	2,148	2,104	2,058	2,011	1,960
18	2,342	2,269	2,191	2,150	2,107	2,063	2,017	1,968	1,917
19	2,308	2,234	2,156	2,114	2,071	2,026	1,980	1,930	1,878
20	2,278	2,203	2,124	2,083	2,039	1,994	1,946	1,896	1,843
21	2,250	2,176	2,096	2,054	2,010	1,965	1,917	1,866	1,812
22	2,226	2,151	2,071	2,028	1,984	1,938	1,889	1,838	1,783
23	2,204	2,128	2,048	2,005	1,961	1,914	1,865	1,813	1,757
24	2,183	2,108	2,027	1,984	1,939	1,892	1,842	1,790	1,733
25	2,165	2,089	2,008	1,964	1,919	1,872	1,822	1,768	1,711
26	2,148	2,072	1,990	1,946	1,901	1,853	1,803	1,749	1,691
27	2,132	2,056	1,974	1,930	1,884	1,836	1,785	1,731	1,672
28	2,118	2,041	1,959	1,915	1,869	1,820	1,769	1,714	1,654
29	2,105	2,028	1,945	1,901	1,854	1,806	1,754	1,698	1,638
30	2,092	2,015	1,932	1,887	1,841	1,792	1,740	1,684	1,622
40	2,004	1,925	1,839	1,793	1,744	1,693	1,637	1,577	1,509
60	1,917	1,836	1,748	1,700	1,649	1,594	1,534	1,467	1,389
120	1,834	1,751	1,659	1,608	1,554	1,495	1,429	1,352	1,254
∞	1,752	1,666	1,571	1,517	1,459	1,394	1,318	1,221	1,000

F táblázat ($F^{-1}_{df_1,\,df_2}(0{,}975)$)

df_2 \ df_1	1	2	3	4	5	6	7	8	9	10
1	647,8	799,5	864,2	899,6	921,8	937,1	948,2	956,7	963,3	968,6
2	38,51	39,00	39,17	39,25	39,30	39,33	39,36	39,37	39,39	39,40
3	17,44	16,04	15,44	15,10	14,88	14,73	14,62	14,54	14,47	14,42
4	12,22	10,65	9,979	9,605	9,365	9,197	9,074	8,980	8,905	8,844
5	10,01	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	5,696	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	6,060	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	5,872	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	3,751	3,408	3,184	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	2,614
26	5,659	4,266	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	3,027	2,867	2,746	2,651	2,575	2,511
40	5,424	4,051	3,463	3,126	2,904	2,744	2,624	2,529	2,452	2,388
60	5,286	3,925	3,343	3,008	2,786	2,627	2,507	2,412	2,334	2,270
120	5,152	3,805	3,227	2,894	2,674	2,515	2,395	2,299	2,222	2,157
∞	5,024	3,689	3,116	2,786	2,567	2,408	2,288	2,192	2,114	2,048

F táblázat ($F^{-1}_{df_1,\,df_2}(0{,}975)$)

df_2 \ df_1	12	15	20	24	30	40	60	120	∞
1	976,7	984,9	993,1	997,2	1001,4	1005,6	1009,8	1014,0	1018,3
2	39,41	39,43	39,45	39,46	39,47	39,47	39,48	39,49	39,50
3	14,34	14,25	14,17	14,12	14,08	14,04	13,99	13,95	13,90
4	8,751	8,657	8,560	8,511	8,461	8,411	8,360	8,309	8,257
5	6,525	6,428	6,329	6,278	6,227	6,175	6,123	6,069	6,015
6	5,366	5,269	5,168	5,117	5,065	5,012	4,959	4,904	4,849
7	4,666	4,568	4,467	4,415	4,362	4,309	4,254	4,199	4,142
8	4,200	4,101	4,000	3,947	3,894	3,840	3,784	3,728	3,670
9	3,868	3,769	3,667	3,614	3,560	3,505	3,449	3,392	3,333
10	3,621	3,522	3,419	3,365	3,311	3,255	3,198	3,140	3,080
11	3,430	3,330	3,226	3,173	3,118	3,061	3,004	2,944	2,883
12	3,277	3,177	3,073	3,019	2,963	2,906	2,848	2,787	2,725
13	3,153	3,053	2,948	2,893	2,837	2,780	2,720	2,659	2,595
14	3,050	2,949	2,844	2,789	2,732	2,674	2,614	2,552	2,487
15	2,963	2,862	2,756	2,701	2,644	2,585	2,524	2,461	2,395
16	2,889	2,788	2,681	2,625	2,568	2,509	2,447	2,383	2,316
17	2,825	2,723	2,616	2,560	2,502	2,442	2,380	2,315	2,247
18	2,769	2,667	2,559	2,503	2,445	2,384	2,321	2,256	2,187
19	2,720	2,617	2,509	2,452	2,394	2,333	2,270	2,203	2,133
20	2,676	2,573	2,465	2,408	2,349	2,287	2,223	2,156	2,085
21	2,637	2,534	2,425	2,368	2,308	2,246	2,182	2,114	2,042
22	2,602	2,498	2,389	2,332	2,272	2,210	2,145	2,076	2,003
23	2,570	2,467	2,357	2,299	2,239	2,176	2,111	2,041	1,968
24	2,541	2,437	2,327	2,269	2,209	2,146	2,080	2,010	1,935
25	2,515	2,411	2,301	2,242	2,182	2,118	2,052	1,981	1,906
26	2,491	2,387	2,276	2,217	2,157	2,093	2,026	1,954	1,878
27	2,469	2,364	2,253	2,195	2,133	2,069	2,002	1,930	1,853
28	2,448	2,344	2,232	2,174	2,112	2,048	1,980	1,907	1,829
29	2,430	2,325	2,213	2,154	2,092	2,028	1,959	1,886	1,807
30	2,412	2,307	2,195	2,136	2,074	2,009	1,940	1,866	1,787
40	2,288	2,182	2,068	2,007	1,943	1,875	1,803	1,724	1,637
60	2,169	2,061	1,945	1,882	1,815	1,744	1,667	1,581	1,482
120	2,055	1,945	1,825	1,760	1,690	1,614	1,530	1,433	1,310
∞	1,945	1,833	1,709	1,640	1,566	1,484	1,388	1,268	1,000

F táblázat ($F^{-1}_{df_1,\,df_2}(0{,}99)$)

df_2 \ df_1	1	2	3	4	5	6	7	8	9	10
1	4052,2	4999,5	5403,4	5624,6	5763,7	5859	5928,4	5981,1	6022,5	6055,8
2	98,50	99,00	99,17	99,25	99,30	99,33	99,36	99,37	99,39	99,40
3	34,12	30,82	29,46	28,71	28,24	27,91	27,67	27,49	27,35	27,23
4	21,20	18,00	16,69	15,98	15,52	15,21	14,98	14,80	14,66	14,55
5	16,26	13,27	12,06	11,39	10,97	10,67	10,46	10,29	10,16	10,05
6	13,75	10,93	9,780	9,148	8,746	8,466	8,260	8,102	7,976	7,874
7	12,25	9,547	8,451	7,847	7,460	7,191	6,993	6,840	6,719	6,620
8	11,26	8,649	7,591	7,006	6,632	6,371	6,178	6,029	5,911	5,814
9	10,56	8,022	6,992	6,422	6,057	5,802	5,613	5,467	5,351	5,257
10	10,04	7,559	6,552	5,994	5,636	5,386	5,200	5,057	4,942	4,849
11	9,646	7,206	6,217	5,668	5,316	5,069	4,886	4,744	4,632	4,539
12	9,330	6,927	5,953	5,412	5,064	4,821	4,640	4,499	4,388	4,296
13	9,074	6,701	5,739	5,205	4,862	4,620	4,441	4,302	4,191	4,100
14	8,862	6,515	5,564	5,035	4,695	4,456	4,278	4,140	4,030	3,939
15	8,683	6,359	5,417	4,893	4,556	4,318	4,142	4,004	3,895	3,805
16	8,531	6,226	5,292	4,773	4,437	4,202	4,026	3,890	3,780	3,691
17	8,400	6,112	5,185	4,669	4,336	4,102	3,927	3,791	3,682	3,593
18	8,285	6,013	5,092	4,579	4,248	4,015	3,841	3,705	3,597	3,508
19	8,185	5,926	5,010	4,500	4,171	3,939	3,765	3,631	3,523	3,434
20	8,096	5,849	4,938	4,431	4,103	3,871	3,699	3,564	3,457	3,368
21	8,017	5,780	4,874	4,369	4,042	3,812	3,640	3,506	3,398	3,310
22	7,945	5,719	4,817	4,313	3,988	3,758	3,587	3,453	3,346	3,258
23	7,881	5,664	4,765	4,264	3,939	3,710	3,539	3,406	3,299	3,211
24	7,823	5,614	4,718	4,218	3,895	3,667	3,496	3,363	3,256	3,168
25	7,770	5,568	4,675	4,177	3,855	3,627	3,457	3,324	3,217	3,129
26	7,721	5,526	4,637	4,140	3,818	3,591	3,421	3,288	3,182	3,094
27	7,677	5,488	4,601	4,106	3,785	3,558	3,388	3,256	3,149	3,062
28	7,636	5,453	4,568	4,074	3,754	3,528	3,358	3,226	3,120	3,032
29	7,598	5,420	4,538	4,045	3,725	3,499	3,330	3,198	3,092	3,005
30	7,562	5,390	4,510	4,018	3,699	3,473	3,304	3,173	3,067	2,979
40	7,314	5,179	4,313	3,828	3,514	3,291	3,124	2,993	2,888	2,801
60	7,077	4,977	4,126	3,649	3,339	3,119	2,953	2,823	2,718	2,632
120	6,851	4,787	3,949	3,480	3,174	2,956	2,792	2,663	2,559	2,472
∞	6,635	4,605	3,782	3,319	3,017	2,802	2,639	2,511	2,407	2,321

F táblázat ($F^{-1}_{df_1,\,df_2}(0{,}99)$)

df_2 \ df_1	12	15	20	24	30	40	60	120	∞
1	6106,3	6157,3	6208,7	6234,6	6260,6	6286,8	6313,0	6339,4	6365,9
2	99,42	99,43	99,45	99,46	99,47	99,47	99,48	99,49	99,50
3	27,05	26,87	26,69	26,60	26,51	26,41	26,32	26,22	26,13
4	14,37	14,20	14,02	13,93	13,84	13,75	13,65	13,56	13,46
5	9,888	9,722	9,553	9,466	9,379	9,291	9,202	9,112	9,020
6	7,718	7,559	7,396	7,313	7,229	7,143	7,057	6,969	6,880
7	6,469	6,314	6,155	6,074	5,992	5,908	5,824	5,737	5,650
8	5,667	5,515	5,359	5,279	5,198	5,116	5,032	4,946	4,859
9	5,111	4,962	4,808	4,729	4,649	4,567	4,483	4,398	4,311
10	4,706	4,558	4,405	4,327	4,247	4,165	4,082	3,996	3,909
11	4,397	4,251	4,099	4,021	3,941	3,860	3,776	3,690	3,602
12	4,155	4,010	3,858	3,780	3,701	3,619	3,535	3,449	3,361
13	3,960	3,815	3,665	3,587	3,507	3,425	3,341	3,255	3,165
14	3,800	3,656	3,505	3,427	3,348	3,266	3,181	3,094	3,004
15	3,666	3,522	3,372	3,294	3,214	3,132	3,047	2,959	2,868
16	3,553	3,409	3,259	3,181	3,101	3,018	2,933	2,845	2,753
17	3,455	3,312	3,162	3,084	3,003	2,920	2,835	2,746	2,653
18	3,371	3,227	3,077	2,999	2,919	2,835	2,749	2,660	2,566
19	3,297	3,153	3,003	2,925	2,844	2,761	2,674	2,584	2,489
20	3,231	3,088	2,938	2,859	2,778	2,695	2,608	2,517	2,421
21	3,173	3,030	2,880	2,801	2,720	2,636	2,548	2,457	2,360
22	3,121	2,978	2,827	2,749	2,667	2,583	2,495	2,403	2,305
23	3,074	2,931	2,781	2,702	2,620	2,535	2,447	2,354	2,256
24	3,032	2,889	2,738	2,659	2,577	2,492	2,403	2,310	2,211
25	2,993	2,850	2,699	2,620	2,538	2,453	2,364	2,270	2,169
26	2,958	2,815	2,664	2,585	2,503	2,417	2,327	2,233	2,131
27	2,926	2,783	2,632	2,552	2,470	2,384	2,294	2,198	2,097
28	2,896	2,753	2,602	2,522	2,440	2,354	2,263	2,167	2,064
29	2,868	2,726	2,574	2,495	2,412	2,325	2,234	2,138	2,034
30	2,843	2,700	2,549	2,469	2,386	2,299	2,208	2,111	2,006
40	2,665	2,522	2,369	2,288	2,203	2,114	2,019	1,917	1,805
60	2,496	2,352	2,198	2,115	2,028	1,936	1,836	1,726	1,601
120	2,336	2,192	2,035	1,950	1,860	1,763	1,656	1,533	1,381
∞	2,185	2,039	1,878	1,791	1,696	1,592	1,473	1,325	1,000

χ^2 táblázat ($F^{-1}_{\chi^2,\,df}(p)$)

df \ p	0,01	0,025	0,05	0,10	0,90	0,95	0,975	0,99
1	0,000	0,001	0,004	0,016	2,706	3,841	5,024	6,635
2	0,020	0,051	0,103	0,211	4,605	5,991	7,378	9,210
3	0,115	0,216	0,352	0,584	6,251	7,815	9,348	11,345
4	0,297	0,484	0,711	1,064	7,779	9,488	11,143	13,277
5	0,554	0,831	1,145	1,610	9,236	11,070	12,833	15,086
6	0,872	1,237	1,635	2,204	10,645	12,592	14,449	16,812
7	1,239	1,690	2,167	2,833	12,017	14,067	16,013	18,475
8	1,646	2,180	2,733	3,490	13,362	15,507	17,535	20,090
9	2,088	2,700	3,325	4,168	14,684	16,919	19,023	21,666
10	2,558	3,247	3,940	4,865	15,987	18,307	20,483	23,209
11	3,053	3,816	4,575	5,578	17,275	19,675	21,920	24,725
12	3,571	4,404	5,226	6,304	18,549	21,026	23,337	26,217
13	4,107	5,009	5,892	7,042	19,812	22,362	24,736	27,688
14	4,660	5,629	6,571	7,790	21,064	23,685	26,119	29,141
15	5,229	6,262	7,261	8,547	22,307	24,996	27,488	30,578
16	5,812	6,908	7,962	9,312	23,542	26,296	28,845	32,000
17	6,408	7,564	8,672	10,085	24,769	27,587	30,191	33,409
18	7,015	8,231	9,390	10,865	25,989	28,869	31,526	34,805
19	7,633	8,907	10,117	11,651	27,204	30,144	32,852	36,191
20	8,260	9,591	10,851	12,443	28,412	31,410	34,170	37,566
21	8,897	10,283	11,591	13,240	29,615	32,671	35,479	38,932
22	9,542	10,982	12,338	14,041	30,813	33,924	36,781	40,289
23	10,196	11,689	13,091	14,848	32,007	35,172	38,076	41,638
24	10,856	12,401	13,848	15,659	33,196	36,415	39,364	42,980
25	11,524	13,120	14,611	16,473	34,382	37,652	40,646	44,314
26	12,198	13,844	15,379	17,292	35,563	38,885	41,923	45,642
27	12,879	14,573	16,151	18,114	36,741	40,113	43,195	46,963
28	13,565	15,308	16,928	18,939	37,916	41,337	44,461	48,278
29	14,256	16,047	17,708	19,768	39,087	42,557	45,722	49,588
30	14,953	16,791	18,493	20,599	40,256	43,773	46,979	50,892
40	22,164	24,433	26,509	29,051	51,805	55,758	59,342	63,691
50	29,707	32,357	34,764	37,689	63,167	67,505	71,420	76,154
60	37,485	40,482	43,188	46,459	74,397	79,082	83,298	88,379
70	45,442	48,758	51,739	55,329	85,527	90,531	95,023	100,425
80	53,540	57,153	60,391	64,278	96,578	101,879	106,629	112,329
90	61,754	65,647	69,126	73,291	107,565	113,145	118,136	124,116
100	70,065	74,222	77,929	82,358	118,498	124,342	129,561	135,807

Ha $\xi_1, \ldots, \xi_n$ teljesen független standard normális eloszlású valószínűségi változók, akkor

$$\chi^2 = \xi_1^2 + \ldots + \xi_n^2$$

egy n szabadságfokú χ^2 eloszlású valószínűségi változó. Eloszlásfüggvénye $F_{\chi^2,\,n}(x)$.