

C Függelék

C 1 táblázat: d₂* táblázat

Alcsoportok száma (g)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1.0	2.0	2.9	3.8	4.7	5.5	6.3	7.0	7.7	8.3	9.0	9.6	10.2	10.8	11.3	11.9	12.4	12.9	13.4
2	1.9	1.91155	2.23887	2.48124	2.67253	2.82981	2.96288	3.07794	3.17905	3.26909	3.35016	3.42378	3.49116	3.55333	3.61071	3.66422	3.71424	3.76118	3.80537
3	2.8	1.80538	2.15069	2.40484	2.60438	2.76779	2.90362	3.02446	3.12869	3.22134	3.30463	3.38017	3.44922	3.51287	3.57156	3.62625	3.67734	3.72524	3.77032
4	3.7	1.23105	1.76858	2.12049	2.37883	2.58127	2.88228	3.09643	3.11173	3.20526	3.28931	3.36550	3.43512	3.49927	3.55842	3.61351	3.66495	3.71319	3.75857
5	4.6	1.20621	1.74989	2.10522	2.36571	2.56964	2.73626	2.97012	3.01173	3.10720	3.18163	3.24815	3.30805	3.36246	3.41138	3.45487	3.50292	3.54551	3.58268
6	5.5	1.19105	1.73857	2.09601	2.35781	2.56263	2.73071	2.95192	3.09808	3.19235	3.27701	3.35372	3.42381	3.48836	3.54787	3.60238	3.65102	3.70352	3.74914
7	6.4	1.18083	1.73099	2.08985	2.35253	2.55795	2.72567	2.94680	3.09467	3.18911	3.27192	3.35077	3.42697	3.49853	3.56522	3.62702	3.68353	3.74109	3.78678
8	7.2	1.17248	1.72555	2.08543	2.34875	2.55460	2.72263	2.94368	3.09222	3.18679	3.27172	3.34866	3.41894	3.48368	3.54333	3.59888	3.65075	3.69936	3.74509
9	8.1	1.16704	1.72147	2.08212	2.34591	2.55208	2.72036	2.94137	3.09039	3.18506	3.27006	3.34708	3.41742	3.48221	3.54192	3.59751	3.64941	3.69806	3.74382
10	9.0	1.16361	1.71828	2.07953	2.34370	2.55013	2.71858	2.93900	3.08781	3.18262	3.26775	3.34486	3.41539	3.48016	3.53993	3.59559	3.64687	3.69558	3.74141
11	9.9	1.16014	1.71573	2.07746	2.34192	2.54856	2.71717	2.93789	3.08688	3.18174	3.26690	3.34406	3.41452	3.47941	3.53921	3.59489	3.64630	3.69503	3.74087
12	10.7	1.15729	1.71363	2.07577	2.34048	2.54728	2.71600	2.93702	3.08610	3.18100	3.26620	3.34339	3.41387	3.47879	3.53861	3.59430	3.64630	3.69503	3.74087
13	11.6	1.15490	1.71189	2.07436	2.33927	2.54621	2.71504	2.93627	3.08544	3.18037	3.26561	3.34282	3.41333	3.47826	3.53810	3.59381	3.64582	3.69457	3.74041
14	12.5	1.15289	1.71041	2.07316	2.33824	2.54530	2.71422	2.93562	3.08487	3.17984	3.26510	3.34233	3.41286	3.47781	3.53766	3.59339	3.64541	3.69417	3.74002
15	13.4	1.15115	1.70914	2.07211	2.33737	2.54452	2.71351	2.93506	3.08438	3.17938	3.26465	3.34191	3.41245	3.47742	3.53728	3.59302	3.64505	3.69382	3.73969
16	14.3	1.14965	1.70804	2.07125	2.33661	2.54385	2.71290	2.93457	3.08395	3.17897	3.26427	3.34154	3.41210	3.47707	3.53695	3.59270	3.64474	3.69351	3.73939
17	15.1	1.14833	1.70708	2.07047	2.33594	2.54326	2.71237	2.93407	3.08345	3.17849	3.26381	3.34108	3.41164	3.47661	3.53650	3.59225	3.64424	3.69301	3.73889
18	16.0	1.14712	1.70623	2.06978	2.33535	2.54274	2.71190	2.93361	3.08303	3.17803	3.26335	3.34062	3.41118	3.47615	3.53604	3.59179	3.64378	3.69255	3.73843
19	16.9	1.14613	1.70547	2.06917	2.33483	2.54228	2.71148	2.93319	3.08264	3.17761	3.26287	3.34014	3.41070	3.47567	3.53556	3.59131	3.64330	3.69207	3.73795
20	17.8	1.14520	1.70480	2.06862	2.33436	2.54187	2.71111	2.93280	3.08229	3.17720	3.26250	3.33977	3.41033	3.47530	3.53519	3.59094	3.64293	3.69170	3.73758
d ₂	1.14437	1.70419	2.06813	2.33394	2.54149	2.71077	2.93241	3.08198	3.17681	3.17681	3.26211	3.33938	3.40994	3.47491	3.53480	3.59055	3.64254	3.69131	3.73719
ed	1.13838	1.69257	2.06875	2.32993	2.54141	2.70436	2.93198	3.08155	3.17638	3.17638	3.26168	3.33895	3.40951	3.47448	3.53437	3.59012	3.64211	3.69088	3.73676
ed	0.876	1.815	2.7378	3.673	4.4658	5.2673	6.0305	6.7582	7.4539	8.1207	8.7602	9.3751	9.9679	10.5396	11.0913	11.6259	12.144	12.6468	13.1362

Table entries: 1st line of each cell is the degrees of freedom (v) and the 2nd line of each cell is d₂*. Additional values of v can be built up from the constant difference col.

Note: The notation used in this table follows that of Acheson Duncan *Quality Control and Industrial Statistics*, 5th edition, McGraw-Hill, 1986.

$v(\bar{R}, d_2^*) / \sigma^2$ is distributed approximately as a χ^2 distribution with v of freedom where \bar{R} is the average range of g subgroups of size m