-3.1	.0010	.0009	.0009	.0009	.0008	.0008	.0008	.0008	.0007	.0007
-3.0	.0013	.0013	.0013	.0012	.0012	.0011	.0011	.0011	.0010	.0010
-2.9	.0019	.0018	.0018	.0017	.0016	.0016	.0015	.0015	.0014	.0014
-2.8	.0026	.0025	.0024	.0023	.0023	.0022	.0021	.0021	.0020	.0019
-2.7	.0035	.0034	.0033	.0032	.0031	.0030	.0029	.0028	.0027	.0026
-2.6	.0047	.0045	.0044	.0043	.0041	.0040	.0039	.0038	.0037	.0036
-2.5	.0062	.0060	.0059	.0057	.0055	.0054	.0052	.0051	.0049	.0048
-2.4	.0082	.0080	.0078	.0075	.0073	.0071	.0069	.0068	.0066	.0064
-2.3	.0107	.0104	.0102	.0099	.0096	.0094	.0091	.0089	.0087	.0084
-2.2	.0139	.0136	.0132	.0129	.0125	.0122	.0119	.0116	.0113	.0110
-2.1	.0179	.0174	.0170	.0166	.0162	.0158	.0154	.0150	.0146	.0143
-2.0	.0228	.0222	.0217	.0212	.0207	.0202	.0197	.0192	.0188	.0183
-1.9	.0287	.0281	.0274	.0268	.0262	.0256	.0250	.0244	.0239	.0233
-1.8	.0359	.0351	.0344	.0336	.0329	.0322	.0314	.0307	.0301	.0294
-1.7	.0446	.0436	.0427	.0418	.0409	.0401	.0392	.0384	.0375	.0367
-1.6	.0548	.0537	.0526	.0516	.0505	.0495	.0485	.0475	.0465	.0455
-1.5	.0668	.0655	.0643	.0630	.0618	.0606	.0594	.0582	.0571	.0559
-1.4	.0808	.0793	.0778	.0764	.0749	.0735	.0721	.0708	.0694	.0681
-1.3	.0968	.0951	.0934	.0918	.0901	.0885	.0869	.0853	.0838	.0823
-1.2	.1151	.1131	.1112	.1093	.1075	.1056	.1038	.1020	.1003	.0985
-1.1	.1357	.1335	.1314	.1292	.1271	.1251	.1230	.1210	.1190	.1170
-1.0	.1587	.1562	.1539	.1515	.1492	.1469	.1446	.1423	.1401	.1379
-0.9	.1841	.1814	.1788	.1762	.1736	.1711	.1685	.1660	.1635	.1611
-0.8	.2119	.2090	.2061	.2033	.2005	.1977	.1949	.1922	.1894	.1867
-0.7	.2420	.2389	.2358	.2327	.2296	.2266	.2236	.2206	.2177	.2148
-0.6	.2743	.2709	.2676	.2643	.2611	.2578	.2546	.2514	.2483	.2451
-0.5	.3085	.3050	.3015	.2981	.2946	.2912	.2877	.2843	.2810	.2776
-0.4	.3446	.3409	.3372	.3336	.3300	.3264	.3228	.3192	.3156	.3121
-0.3	.3821	.3783	.3745	.3707	.3669	.3632	.3594	.3557	.3520	.3483
-0.2	.4207	.4168	.4129	.4090	.4052	.4013	.3974	.3936	.3897	.3859
-0.1	.4602	.4562	.4522	.4483	.4443	.4404	.4364	.4325	.4286	.4247
0.0	.5000	.4960	.4920	.4880	.4840	.4801	.4761	.4721	.4681	.4641

	.00	**.01**	**.02**	**.03**	**.04**	**.05**	**.06**	**.07**	**.08**	**.09**
0.0	.5000	.5040	.5080	.5120	.5160	.5199	.5239	.5279	.5319	.5359
0.1	.5398	.5438	.5478	.5517	.5557	.5596	.5636	.5675	.5714	.5753
0.2	.5793	.5832	.5871	.5910	.5948	.5987	.6026	.6064	.6103	.6141
0.3	.6179	.6217	.6255	.6293	.6331	.6368	.6406	.6443	.6480	.6517
0.4	.6554	.6591	.6628	.6664	.6700	.6736	.6772	.6808	.6844	.6879
0.5	.6915	.6950	.6985	.7019	.7054	.7088	.7123	.7157	.7190	.7224
0.6	.7257	.7291	.7324	.7357	.7389	.7422	.7454	.7486	.7517	.7549
0.7	.7580	.7611	.7642	.7673	.7704	.7734	.7764	.7794	.7823	.7852
0.8	.7881	.7910	.7939	.7967	.7995	.8023	.8051	.8078	.8106	.8133
0.9	.8159	.8186	.8212	.8238	.8264	.8289	.8315	.8340	.8365	.8389

1.0	.8413	.8438	.8461	.8485	.8508	.8531	.8554	.8577	.8599	.8621
1.1	.8643	.8665	.8686	.8708	.8729	.8749	.8770	.8790	.8810	.8830
1.2	.8849	.8869	.8888	.8907	.8925	.8944	.8962	.8980	.8997	.9015
1.3	.9032	.9049	.9066	.9082	.9099	.9115	.9131	.9147	.9162	.9177
1.4	.9192	.9207	.9222	.9236	.9251	.9265	.9279	.9292	.9306	.9319
1.5	.9332	.9345	.9357	.9370	.9382	.9394	.9406	.9418	.9429	.9441
1.6	.9452	.9463	.9474	.9484	.9495	.9505	.9515	.9525	.9535	.9545
1.7	.9554	.9564	.9573	.9582	.9591	.9599	.9608	.9616	.9625	.9633
1.8	.9641	.9649	.9656	.9664	.9671	.9678	.9686	.9693	.9699	.9706
1.9	.9713	.9719	.9726	.9732	.9738	.9744	.9750	.9756	.9761	.9767
2.0	.9772	.9778	.9783	.9788	.9793	.9798	.9803	.9808	.9812	.9817
2.1	.9821	.9826	.9830	.9834	.9838	.9842	.9846	.9850	.9854	.9857
2.2	.9861	.9864	.9868	.9871	.9875	.9878	.9881	.9884	.9887	.9890
2.3	.9893	.9896	.9898	.9901	.9904	.9906	.9909	.9911	.9913	.9916
2.4	.9918	.9920	.9922	.9925	.9927	.9929	.9931	.9932	.9934	.9936
2.5	.9938	.9940	.9941	.9943	.9945	.9946	.9948	.9949	.9951	.9952
2.6	.9953	.9955	.9956	.9957	.9959	.9960	.9961	.9962	.9963	.9964
2.7	.9965	.9966	.9967	.9968	.9969	.9970	.9971	.9972	.9973	.9974
2.8	.9974	.9975	.9976	.9977	.9977	.9978	.9979	.9979	.9980	.9981
2.9	.9981	.9982	.9982	.9983	.9984	.9984	.9985	.9985	.9986	.9986
3.0	.9987	.9987	.9987	.9988	.9988	.9989	.9989	.9989	.9990	.9990
3.1	.9990	.9991	.9991	.9991	.9992	.9992	.9992	.9992	.9993	.9993
3.2	.9993	.9993	.9994	.9994	.9994	.9994	.9994	.9995	.9995	.9995
3.3	.9995	.9995	.9995	.9996	.9996	.9996	.9996	.9996	.9996	.9997
3.4	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9998

Tabel Uji-t

d.f.	**TINGKAT SIGNIFIKANSI**						
dua sisi	**20%**	**10%**	**5%**	**2%**	**1%**	**0,2%**	**0,1%**
satu sisi	**10%**	**5%**	**2,5%**	**1%**	**0,5%**	**0,1%**	**0,05%**

1	3,078	6,314	12,706	31,821	63,657	318,309	636,619
2	1,886	2,920	4,303	6,965	9,925	22,327	31,599
3	1,638	2,353	3,182	4,541	5,841	10,215	12,924
4	1,533	2,132	2,776	3,747	4,604	7,173	8,610
5	1,476	2,015	2,571	3,365	4,032	5,893	6,869
6	1,440	1,943	2,447	3,143	3,707	5,208	5,959
7	1,415	1,895	2,365	2,998	3,499	4,785	5,408
8	1,397	1,860	2,306	2,896	3,355	4,501	5,041
9	1,383	1,833	2,262	2,821	3,250	4,297	4,781
10	1,372	1,812	2,228	2,764	3,169	4,144	4,587
11	1,363	1,796	2,201	2,718	3,106	4,025	4,437
12	1,356	1,782	2,179	2,681	3,055	3,930	4,318
13	1,350	1,771	2,160	2,650	3,012	3,852	4,221
14	1,345	1,761	2,145	2,624	2,977	3,787	4,140
15	1,341	1,753	2,131	2,602	2,947	3,733	4,073
16	1,337	1,746	2,120	2,583	2,921	3,686	4,015
17	1,333	1,740	2,110	2,567	2,898	3,646	3,965
18	1,330	1,734	2,101	2,552	2,878	3,610	3,922
19	1,328	1,729	2,093	2,539	2,861	3,579	3,883
20	1,325	1,725	2,086	2,528	2,845	3,552	3,850
21	1,323	1,721	2,080	2,518	2,831	3,527	3,819
22	1,321	1,717	2,074	2,508	2,819	3,505	3,792
23	1,319	1,714	2,069	2,500	2,807	3,485	3,768
24	1,318	1,711	2,064	2,492	2,797	3,467	3,745
25	1,316	1,708	2,060	2,485	2,787	3,450	3,725
26	1,315	1,706	2,056	2,479	2,779	3,435	3,707
27	1,314	1,703	2,052	2,473	2,771	3,421	3,690
28	1,313	1,701	2,048	2,467	2,763	3,408	3,674
29	1,311	1,699	2,045	2,462	2,756	3,396	3,659
30	1,310	1,697	2,042	2,457	2,750	3,385	3,646
31	1,309	1,696	2,040	2,453	2,744	3,375	3,633
32	1,309	1,694	2,037	2,449	2,738	3,365	3,622
33	1,308	1,692	2,035	2,445	2,733	3,356	3,611
34	1,307	1,691	2,032	2,441	2,728	3,348	3,601
35	1,306	1,690	2,030	2,438	2,724	3,340	3,591
36	1,306	1,688	2,028	2,434	2,719	3,333	3,582
37	1,305	1,687	2,026	2,431	2,715	3,326	3,574
38	1,304	1,686	2,024	2,429	2,712	3,319	3,566
39	1,304	1,685	2,023	2,426	2,708	3,313	3,558
40	1,303	1,684	2,021	2,423	2,704	3,307	3,551
41	1,303	1,683	2,020	2,421	2,701	3,301	3,544
42	1,302	1,682	2,018	2,418	2,698	3,296	3,538
43	1,302	1,681	2,017	2,416	2,695	3,291	3,532
44	1,301	1,680	2,015	2,414	2,692	3,286	3,526
45	1,301	1,679	2,014	2,412	2,690	3,281	3,520

46	1,300	1,679	2,013	2,410	2,687	3,277	3,515
47	1,300	1,678	2,012	2,408	2,685	3,273	3,510
48	1,299	1,677	2,011	2,407	2,682	3,269	3,505
49	1,299	1,677	2,010	2,405	2,680	3,265	3,500
50	1,299	1,676	2,009	2,403	2,678	3,261	3,496
51	1,298	1,675	2,008	2,402	2,676	3,258	3,492
52	1,298	1,675	2,007	2,400	2,674	3,255	3,488
53	1,298	1,674	2,006	2,399	2,672	3,251	3,484
54	1,297	1,674	2,005	2,397	2,670	3,248	3,480
55	1,297	1,673	2,004	2,396	2,668	3,245	3,476
56	1,297	1,673	2,003	2,395	2,667	3,242	3,473
57	1,297	1,672	2,002	2,394	2,665	3,239	3,470
58	1,296	1,672	2,002	2,392	2,663	3,237	3,466
59	1,296	1,671	2,001	2,391	2,662	3,234	3,463
60	1,296	1,671	2,000	2,390	2,660	3,232	3,460
61	1,296	1,670	2,000	2,389	2,659	3,229	3,457
62	1,295	1,670	1,999	2,388	2,657	3,227	3,454
63	1,295	1,669	1,998	2,387	2,656	3,225	3,452
64	1,295	1,669	1,998	2,386	2,655	3,223	3,449
65	1,295	1,669	1,997	2,385	2,654	3,220	3,447
66	1,295	1,668	1,997	2,384	2,652	3,218	3,444
67	1,294	1,668	1,996	2,383	2,651	3,216	3,442
68	1,294	1,668	1,995	2,382	2,650	3,214	3,439
69	1,294	1,667	1,995	2,382	2,649	3,213	3,437
70	1,294	1,667	1,994	2,381	2,648	3,211	3,435
71	1,294	1,667	1,994	2,380	2,647	3,209	3,433
72	1,293	1,666	1,993	2,379	2,646	3,207	3,431
73	1,293	1,666	1,993	2,379	2,645	3,206	3,429
74	1,293	1,666	1,993	2,378	2,644	3,204	3,427
75	1,293	1,665	1,992	2,377	2,643	3,202	3,425
76	1,293	1,665	1,992	2,376	2,642	3,201	3,423
77	1,293	1,665	1,991	2,376	2,641	3,199	3,421
78	1,292	1,665	1,991	2,375	2,640	3,198	3,420
79	1,292	1,664	1,990	2,374	2,640	3,197	3,418
80	1,292	1,664	1,990	2,374	2,639	3,195	3,416
81	1,292	1,664	1,990	2,373	2,638	3,194	3,415
82	1,292	1,664	1,989	2,373	2,637	3,193	3,413
83	1,292	1,663	1,989	2,372	2,636	3,191	3,412
84	1,292	1,663	1,989	2,372	2,636	3,190	3,410
85	1,292	1,663	1,988	2,371	2,635	3,189	3,409
86	1,291	1,663	1,988	2,370	2,634	3,188	3,407
87	1,291	1,663	1,988	2,370	2,634	3,187	3,406
88	1,291	1,662	1,987	2,369	2,633	3,185	3,405
89	1,291	1,662	1,987	2,369	2,632	3,184	3,403
90	1,291	1,662	1,987	2,368	2,632	3,183	3,402

91	1,291	1,662	1,986	2,368	2,631	3,182	3,401
92	1,291	1,662	1,986	2,368	2,630	3,181	3,399
93	1,291	1,661	1,986	2,367	2,630	3,180	3,398
94	1,291	1,661	1,986	2,367	2,629	3,179	3,397
95	1,291	1,661	1,985	2,366	2,629	3,178	3,396
96	1,290	1,661	1,985	2,366	2,628	3,177	3,395
97	1,290	1,661	1,985	2,365	2,627	3,176	3,394
98	1,290	1,661	1,984	2,365	2,627	3,175	3,393
99	1,290	1,660	1,984	2,365	2,626	3,175	3,392
100	1,290	1,660	1,984	2,364	2,626	3,174	3,390

Tabel Uji-F

Table F alpha = 0,10

df2/ df1	1	2	3	4	5	6	7	8	9	10	12	15	20	24	30	40	60	120	INF
1	39.8	49.5	53.5	55.8	57.2	58.2	58.9	59.4	59.8	60.1	60.7	61.2	61.7	62.0	62.2	62.5	62.7	63.0	63.3

	6346	0000	9324	3296	4008	0442	0595	3898	5759	9498	0521	2034	4029	0205	6497	2905	9428	6064	2812
2	8.52 632	9.00 000	9.16 179	9.24 342	9.29 263	9.32 553	9.34 908	9.36 677	9.38 054	9.39 157	9.40 813	9.42 471	9.44 131	9.44 962	9.45 793	9.46 624	9.47 456	9.48 289	9.49 122
3	5.53 832	5.46 238	5.39 077	5.34 264	5.30 916	5.28 473	5.26 619	5.25 167	5.24 000	5.23 041	5.21 562	5.20 031	5.18 448	5.17 636	5.16 811	5.15 972	5.15 119	5.14 251	5.13 370
4	4.54 477	4.32 456	4.19 086	4.10 725	4.05 058	4.00 975	3.97 897	3.95 494	3.93 567	3.91 988	3.89 553	3.87 036	3.84 434	3.83 099	3.81 742	3.80 361	3.78 957	3.77 527	3.76 073
5	4.06 042	3.77 972	3.61 948	3.52 020	3.45 298	3.40 451	3.36 790	3.33 928	3.31 628	3.29 740	3.26 824	3.23 801	3.20 665	3.19 052	3.17 408	3.15 732	3.14 023	3.12 279	3.10 500
6	3.77 595	3.46 330	3.28 876	3.18 076	3.10 751	3.05 455	3.01 446	2.98 304	2.95 774	2.93 693	2.90 472	2.87 122	2.83 634	2.81 834	2.79 996	2.78 117	2.76 195	2.74 229	2.72 216
7	3.58 943	3.25 744	3.07 407	2.96 053	2.88 334	2.82 739	2.78 493	2.75 158	2.72 468	2.70 251	2.66 811	2.63 223	2.59 473	2.57 533	2.55 546	2.53 510	2.51 422	2.49 279	2.47 079
8	3.45 792	3.11 312	2.92 380	2.80 643	2.72 645	2.66 833	2.62 413	2.58 935	2.56 124	2.53 804	2.50 196	2.46 422	2.42 464	2.40 410	2.38 302	2.36 136	2.33 910	2.31 618	2.29 257
9	3.36 030	3.00 645	2.81 286	2.69 268	2.61 061	2.55 086	2.50 531	2.46 941	2.44 034	2.41 632	2.37 888	2.33 962	2.29 832	2.27 683	2.25 472	2.23 196	2.20 849	2.18 427	2.15 923
10	3.28 502	2.92 447	2.72 767	2.60 534	2.52 164	2.46 058	2.41 397	2.37 715	2.34 731	2.32 260	2.28 405	2.24 351	2.20 074	2.17 843	2.15 543	2.13 169	2.10 716	2.08 176	2.05 542
11	3.22 520	2.85 951	2.66 023	2.53 619	2.45 118	2.38 907	2.34 157	2.30 400	2.27 350	2.24 823	2.20 873	2.16 709	2.12 305	2.10 001	2.07 621	2.05 161	2.02 612	1.99 965	1.97 211
12	3.17 655	2.80 680	2.60 552	2.48 010	2.39 402	2.33 102	2.28 278	2.24 457	2.21 352	2.18 776	2.14 744	2.10 485	2.05 968	2.03 599	2.01 149	1.98 610	1.95 973	1.93 228	1.90 361
13	3.13 621	2.76 317	2.56 027	2.43 371	2.34 672	2.28 298	2.23 410	2.19 535	2.16 382	2.13 763	2.09 659	2.05 316	2.00 698	1.98 272	1.95 757	1.93 147	1.90 429	1.87 591	1.84 620
14	3.10 221	2.72 647	2.52 222	2.39 469	2.30 694	2.24 256	2.19 313	2.15 390	2.12 195	2.09 540	2.05 371	2.00 953	1.96 245	1.93 766	1.91 193	1.88 516	1.85 723	1.82 800	1.79 728
15	3.07 319	2.69 517	2.48 979	2.36 143	2.27 302	2.20 808	2.15 818	2.11 853	2.08 621	2.05 932	2.01 707	1.97 222	1.92 431	1.89 904	1.87 277	1.84 539	1.81 676	1.78 672	1.75 505
16	3.04 811	2.66 817	2.46 181	2.33 274	2.24 376	2.17 833	2.12 800	2.08 798	2.05 533	2.02 815	1.98 539	1.93 992	1.89 127	1.86 556	1.83 879	1.81 084	1.78 156	1.75 075	1.71 817
17	3.02 623	2.64 464	2.43 743	2.30 775	2.21 825	2.15 239	2.10 169	2.06 134	2.02 839	2.00 094	1.95 772	1.91 169	1.86 236	1.83 624	1.80 901	1.78 053	1.75 063	1.71 909	1.68 564
18	3.00 698	2.62 395	2.41 601	2.28 577	2.19 583	2.12 958	2.07 854	2.03 789	2.00 467	1.97 698	1.93 334	1.88 681	1.83 685	1.81 035	1.78 269	1.75 371	1.72 322	1.69 099	1.65 671
19	2.98 990	2.60 561	2.39 702	2.26 630	2.17 596	2.10 936	2.05 802	2.01 710	1.98 364	1.95 573	1.91 170	1.86 471	1.81 416	1.78 731	1.75 924	1.72 979	1.69 876	1.66 587	1.63 077
20	2.97 465	2.58 925	2.38 009	2.24 893	2.15 823	2.09 132	2.03 970	1.99 853	1.96 485	1.93 674	1.89 236	1.84 494	1.79 384	1.76 667	1.73 822	1.70 833	1.67 678	1.64 326	1.60 738
21	2.96 096	2.57 457	2.36 489	2.23 334	2.14 231	2.07 512	2.02 325	1.98 186	1.94 797	1.91 967	1.87 497	1.82 715	1.77 555	1.74 807	1.71 927	1.68 896	1.65 691	1.62 278	1.58 615
22	2.94 858	2.56 131	2.35 117	2.21 927	2.12 794	2.06 050	2.00 840	1.96 680	1.93 273	1.90 425	1.85 925	1.81 106	1.75 899	1.73 122	1.70 208	1.67 138	1.63 885	1.60 415	1.56 678
23	2.93 736	2.54 929	2.33 873	2.20 651	2.11 491	2.04 723	1.99 492	1.95 312	1.91 888	1.89 025	1.84 497	1.79 643	1.74 392	1.71 588	1.68 643	1.65 535	1.62 237	1.58 711	1.54 903
24	2.92 712	2.53 833	2.32 739	2.19 488	2.10 303	2.03 513	1.98 263	1.94 066	1.90 625	1.87 748	1.83 194	1.78 308	1.73 015	1.70 185	1.67 210	1.64 067	1.60 726	1.57 146	1.53 270
25	2.91 774	2.52 831	2.31 702	2.18 424	2.09 216	2.02 406	1.97 138	1.92 925	1.89 469	1.86 578	1.82 000	1.77 083	1.71 752	1.68 898	1.65 895	1.62 718	1.59 335	1.55 703	1.51 760
26	2.90 913	2.51 910	2.30 749	2.17 447	2.08 218	2.01 389	1.96 104	1.91 876	1.88 407	1.85 503	1.80 902	1.75 957	1.70 589	1.67 712	1.64 682	1.61 472	1.58 050	1.54 368	1.50 360
27	2.90 119	2.51 061	2.29 871	2.16 546	2.07 298	2.00 452	1.95 151	1.90 909	1.87 427	1.84 511	1.79 889	1.74 917	1.69 514	1.66 616	1.63 560	1.60 320	1.56 859	1.53 129	1.49 057
28	2.89 385	2.50 276	2.29 060	2.15 714	2.06 447	1.99 585	1.94 270	1.90 014	1.86 520	1.83 593	1.78 951	1.73 954	1.68 519	1.65 600	1.62 519	1.59 250	1.55 753	1.51 976	1.47 841

29	2.88703	2.49548	2.28307	2.14941	2.05658	1.98781	1.93452	1.89184	1.85679	1.82741	1.78081	1.73060	1.67593	1.64655	1.61551	1.58253	1.54721	1.50899	1.46704
30	2.88069	2.48872	2.27607	2.14223	2.04925	1.98033	1.92692	1.88412	1.84896	1.81949	1.77270	1.72227	1.66731	1.63774	1.60648	1.57323	1.53757	1.49891	1.45636
40	2.83535	2.44037	2.22609	2.09095	1.99682	1.92688	1.87252	1.82886	1.79290	1.76269	1.71456	1.66241	1.60515	1.57411	1.54108	1.50562	1.46716	1.42476	1.37691
60	2.79107	2.39325	2.17741	2.04099	1.94571	1.87472	1.81939	1.77483	1.73802	1.70701	1.65743	1.60337	1.54349	1.51072	1.47554	1.43734	1.39520	1.34757	1.29146
120	2.74781	2.34734	2.12999	1.99230	1.89587	1.82381	1.76748	1.72196	1.68425	1.65238	1.60120	1.54500	1.48207	1.44723	1.40938	1.36760	1.32034	1.26457	1.19256
inf	2.70554	2.30259	2.08380	1.94486	1.84727	1.77411	1.71672	1.67020	1.63152	1.59872	1.54578	1.48714	1.42060	1.38318	1.34187	1.29513	1.23995	1.16860	1.00000

Table F alpha = 0,05

df2/ df1	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**12**	**15**	**20**	**24**	**30**	**40**	**60**	**120**	**INF**
1	161.4476	199.5000	215.7073	224.5832	230.1619	233.9860	236.7684	238.8827	240.5433	241.8817	243.9060	245.9499	248.0131	249.0518	250.0951	251.1432	252.1957	253.2529	254.3144
2	18.5128	19.0000	19.1643	19.2468	19.2964	19.3295	19.3532	19.3710	19.3848	19.3959	19.4125	19.4291	19.4458	19.4541	19.4624	19.4707	19.4791	19.4874	19.4957
3	10.1280	9.5521	9.2766	9.1172	9.0135	8.9406	8.8867	8.8452	8.8123	8.7855	8.7446	8.7029	8.6602	8.6385	8.6166	8.5944	8.5720	8.5494	8.5264
4	7.7086	6.9443	6.5914	6.3882	6.2561	6.1631	6.0942	6.0410	5.9988	5.9644	5.9117	5.8578	5.8025	5.7744	5.7459	5.7170	5.6877	5.6581	5.6281
5	6.6079	5.7861	5.4095	5.1922	5.0503	4.9503	4.8759	4.8183	4.7725	4.7351	4.6777	4.6188	4.5581	4.5272	4.4957	4.4638	4.4314	4.3985	4.3650
6	5.9874	5.1433	4.7571	4.5337	4.3874	4.2839	4.2067	4.1468	4.0990	4.0600	3.9999	3.9381	3.8742	3.8415	3.8082	3.7743	3.7398	3.7047	3.6689
7	5.5914	4.7374	4.3468	4.1203	3.9715	3.8660	3.7870	3.7257	3.6767	3.6365	3.5747	3.5107	3.4445	3.4105	3.3758	3.3404	3.3043	3.2674	3.2298
8	5.3177	4.4590	4.0662	3.8379	3.6875	3.5806	3.5005	3.4381	3.3881	3.3472	3.2839	3.2184	3.1503	3.1152	3.0794	3.0428	3.0053	2.9669	2.9276
9	5.1174	4.2565	3.8625	3.6331	3.4817	3.3738	3.2927	3.2296	3.1789	3.1373	3.0729	3.0061	2.9365	2.9005	2.8637	2.8259	2.7872	2.7475	2.7067
10	4.9646	4.1028	3.7083	3.4780	3.3258	3.2172	3.1355	3.0717	3.0204	2.9782	2.9130	2.8450	2.7740	2.7372	2.6996	2.6609	2.6211	2.5801	2.5379
11	4.8443	3.9823	3.5874	3.3567	3.2039	3.0946	3.0123	2.9480	2.8962	2.8536	2.7876	2.7186	2.6464	2.6090	2.5705	2.5309	2.4901	2.4480	2.4045
12	4.7472	3.8853	3.4903	3.2592	3.1059	2.9961	2.9134	2.8486	2.7964	2.7534	2.6866	2.6169	2.5436	2.5055	2.4663	2.4259	2.3842	2.3410	2.2962
13	4.6672	3.8056	3.4105	3.1791	3.0254	2.9153	2.8321	2.7669	2.7144	2.6710	2.6037	2.5331	2.4589	2.4202	2.3803	2.3392	2.2966	2.2524	2.2064
14	4.6001	3.7389	3.3439	3.1122	2.9582	2.8477	2.7642	2.6987	2.6458	2.6022	2.5342	2.4630	2.3879	2.3487	2.3082	2.2664	2.2229	2.1778	2.1307
15	4.5431	3.6823	3.2874	3.0556	2.9013	2.7905	2.7066	2.6408	2.5876	2.5437	2.4753	2.4034	2.3275	2.2878	2.2468	2.2043	2.1601	2.1141	2.0658
16	4.4940	3.6337	3.2389	3.0069	2.8524	2.7413	2.6572	2.5911	2.5377	2.4935	2.4247	2.3522	2.2756	2.2354	2.1938	2.1507	2.1058	2.0589	2.0096
17	4.4513	3.5915	3.1968	2.9647	2.8100	2.6987	2.6143	2.5480	2.4943	2.4499	2.3807	2.3077	2.2304	2.1898	2.1477	2.1040	2.0584	2.0107	1.9604
18	4.4139	3.5546	3.1599	2.9277	2.7729	2.6613	2.5767	2.5102	2.4563	2.4117	2.3421	2.2686	2.1906	2.1497	2.1071	2.0629	2.0166	1.9681	1.9168
19	4.3807	3.5219	3.1274	2.8951	2.7401	2.6283	2.5435	2.4768	2.4227	2.3779	2.3080	2.2341	2.1555	2.1141	2.0712	2.0264	1.9795	1.9302	1.8780

20	4.35 12	3.49 28	3.09 84	2.86 61	2.71 09	2.59 90	2.51 40	2.44 71	2.39 28	2.34 79	2.27 76	2.20 33	2.12 42	2.08 25	2.03 91	1.99 38	1.94 64	1.89 63	1.84 32
21	4.32 48	3.46 68	3.07 25	2.84 01	2.68 48	2.57 27	2.48 76	2.42 05	2.36 60	2.32 10	2.25 04	2.17 57	2.09 60	2.05 40	2.01 02	1.96 45	1.91 65	1.86 57	1.81 17
22	4.30 09	3.44 34	3.04 91	2.81 67	2.66 13	2.54 91	2.46 38	2.39 65	2.34 19	2.29 67	2.22 58	2.15 08	2.07 07	2.02 83	1.98 42	1.93 80	1.88 94	1.83 80	1.78 31
23	4.27 93	3.42 21	3.02 80	2.79 55	2.64 00	2.52 77	2.44 22	2.37 48	2.32 01	2.27 47	2.20 36	2.12 82	2.04 76	2.00 50	1.96 05	1.91 39	1.86 48	1.81 28	1.75 70
24	4.25 97	3.40 28	3.00 88	2.77 63	2.62 07	2.50 82	2.42 26	2.35 51	2.30 02	2.25 47	2.18 34	2.10 77	2.02 67	1.98 38	1.93 90	1.89 20	1.84 24	1.78 96	1.73 30
25	4.24 17	3.38 52	2.99 12	2.75 87	2.60 30	2.49 04	2.40 47	2.33 71	2.28 21	2.23 65	2.16 49	2.08 89	2.00 75	1.96 43	1.91 92	1.87 18	1.82 17	1.76 84	1.71 10
26	4.22 52	3.36 90	2.97 52	2.74 26	2.58 68	2.47 41	2.38 83	2.32 05	2.26 55	2.21 97	2.14 79	2.07 16	1.98 98	1.94 64	1.90 10	1.85 33	1.80 27	1.74 88	1.69 06
27	4.21 00	3.35 41	2.96 04	2.72 78	2.57 19	2.45 91	2.37 32	2.30 53	2.25 01	2.20 43	2.13 23	2.05 58	1.97 36	1.92 99	1.88 42	1.83 61	1.78 51	1.73 06	1.67 17
28	4.19 60	3.34 04	2.94 67	2.71 41	2.55 81	2.44 53	2.35 93	2.29 13	2.23 60	2.19 00	2.11 79	2.04 11	1.95 86	1.91 47	1.86 87	1.82 03	1.76 89	1.71 38	1.65 41
29	4.18 30	3.32 77	2.93 40	2.70 14	2.54 54	2.43 24	2.34 63	2.27 83	2.22 29	2.17 68	2.10 45	2.02 75	1.94 46	1.90 05	1.85 43	1.80 55	1.75 37	1.69 81	1.63 76
30	4.17 09	3.31 58	2.92 23	2.68 96	2.53 36	2.42 05	2.33 43	2.26 62	2.21 07	2.16 46	2.09 21	2.01 48	1.93 17	1.88 74	1.84 09	1.79 18	1.73 96	1.68 35	1.62 23
40	4.08 47	3.23 17	2.83 87	2.60 60	2.44 95	2.33 59	2.24 90	2.18 02	2.12 40	2.07 72	2.00 35	1.92 45	1.83 89	1.79 29	1.74 44	1.69 28	1.63 73	1.57 66	1.50 89
60	4.00 12	3.15 04	2.75 81	2.52 52	2.36 83	2.25 41	2.16 65	2.09 70	2.04 01	1.99 26	1.91 74	1.83 64	1.74 80	1.70 01	1.64 91	1.59 43	1.53 43	1.46 73	1.38 93
120	3.92 01	3.07 18	2.68 02	2.44 72	2.28 99	2.17 50	2.08 68	2.01 64	1.95 88	1.91 05	1.83 37	1.75 05	1.65 87	1.60 84	1.55 43	1.49 52	1.42 90	1.35 19	1.25 39
inf	3.84 15	2.99 57	2.60 49	2.37 19	2.21 41	2.09 86	2.00 96	1.93 84	1.87 99	1.83 07	1.75 22	1.66 64	1.57 05	1.51 73	1.45 91	1.39 40	1.31 80	1.22 14	1.00 00

Tabel F alpha = 0,025

df2/ df1	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**12**	**15**	**20**	**24**	**30**	**40**	**60**	**120**	**INF**
1	647. 7890	799. 5000	864. 1630	899. 5833	921. 8479	937. 1111	948. 2169	956. 6562	963. 2846	968. 6274	976. 7079	984. 8668	993. 1028	997. 2492	1001 .414	1005 .598	1009 .800	1014 .020	1018 .258
2	38.5 063	39.0 000	39.1 655	39.2 484	39.2 982	39.3 315	39.3 552	39.3 730	39.3 869	39.3 980	39.4 146	39.4 313	39.4 479	39.4 562	39.4 65	39.4 73	39.4 81	39.4 90	39.4 98
3	17.4 434	16.0 441	15.4 392	15.1 010	14.8 848	14.7 347	14.6 244	14.5 399	14.4 731	14.4 189	14.3 366	14.2 527	14.1 674	14.1 241	14.0 81	14.0 37	13.9 92	13.9 47	13.9 02
4	12.2 179	10.6 491	9.97 92	9.60 45	9.36 45	9.19 73	9.07 41	8.97 96	8.90 47	8.84 39	8.75 12	8.65 65	8.55 99	8.51 09	8.46 1	8.41 1	8.36 0	8.30 9	8.25 7
5	10.0 070	8.43 36	7.76 36	7.38 79	7.14 64	6.97 77	6.85 31	6.75 72	6.68 11	6.61 92	6.52 45	6.42 77	6.32 86	6.27 80	6.22 7	6.17 5	6.12 3	6.06 9	6.01 5
6	8.81 31	7.25 99	6.59 88	6.22 72	5.98 76	5.81 98	5.69 55	5.59 96	5.52 34	5.46 13	5.36 62	5.26 87	5.16 84	5.11 72	5.06 5	5.01 2	4.95 9	4.90 4	4.84 9
7	8.07 27	6.54 15	5.88 98	5.52 26	5.28 52	5.11 86	4.99 49	4.89 93	4.82 32	4.76 11	4.66 58	4.56 78	4.46 67	4.41 50	4.36 2	4.30 9	4.25 4	4.19 9	4.14 2
8	7.57 09	6.05 95	5.41 60	5.05 26	4.81 73	4.65 17	4.52 86	4.43 33	4.35 72	4.29 51	4.19 97	4.10 12	3.99 95	3.94 72	3.89 4	3.84 0	3.78 4	3.72 8	3.67 0
9	7.20 93	5.71 47	5.07 81	4.71 81	4.48 44	4.31 97	4.19 70	4.10 20	4.02 60	3.96 39	3.86 82	3.76 94	3.66 69	3.61 42	3.56 0	3.50 5	3.44 9	3.39 2	3.33 3
10	6.93 67	5.45 64	4.82 56	4.46 83	4.23 61	4.07 21	3.94 98	3.85 49	3.77 90	3.71 68	3.62 09	3.52 17	3.41 85	3.36 54	3.31 1	3.25 5	3.19 8	3.14 0	3.08 0

11	6.7241	5.2559	4.6300	4.2751	4.0440	3.8807	3.7586	3.6638	3.5879	3.5257	3.4296	3.3299	3.2261	3.1725	3.118	3.061	3.004	2.944	2.883
12	6.5538	5.0959	4.4742	4.1212	3.8911	3.7283	3.6065	3.5118	3.4358	3.3736	3.2773	3.1772	3.0728	3.0187	2.963	2.906	2.848	2.787	2.725
13	6.4143	4.9653	4.3472	3.9959	3.7667	3.6043	3.4827	3.3880	3.3120	3.2497	3.1532	3.0527	2.9477	2.8932	2.837	2.780	2.720	2.659	2.595
14	6.2979	4.8567	4.2417	3.8919	3.6634	3.5014	3.3799	3.2853	3.2093	3.1469	3.0502	2.9493	2.8437	2.7888	2.732	2.674	2.614	2.552	2.487
15	6.1995	4.7650	4.1528	3.8043	3.5764	3.4147	3.2934	3.1987	3.1227	3.0602	2.9633	2.8621	2.7559	2.7006	2.644	2.585	2.524	2.461	2.395
16	6.1151	4.6867	4.0768	3.7294	3.5021	3.3406	3.2194	3.1248	3.0488	2.9862	2.8890	2.7875	2.6808	2.6252	2.568	2.509	2.447	2.383	2.316
17	6.0420	4.6189	4.0112	3.6648	3.4379	3.2767	3.1556	3.0610	2.9849	2.9222	2.8249	2.7230	2.6158	2.5598	2.502	2.442	2.380	2.315	2.247
18	5.9781	4.5597	3.9539	3.6083	3.3820	3.2209	3.0999	3.0053	2.9291	2.8664	2.7689	2.6667	2.5590	2.5027	2.445	2.384	2.321	2.256	2.187
19	5.9216	4.5075	3.9034	3.5587	3.3327	3.1718	3.0509	2.9563	2.8801	2.8172	2.7196	2.6171	2.5089	2.4523	2.394	2.333	2.270	2.203	2.133
20	5.8715	4.4613	3.8587	3.5147	3.2891	3.1283	3.0074	2.9128	2.8365	2.7737	2.6758	2.5731	2.4645	2.4076	2.349	2.287	2.223	2.156	2.085
21	5.8266	4.4199	3.8188	3.4754	3.2501	3.0895	2.9686	2.8740	2.7977	2.7348	2.6368	2.5338	2.4247	2.3675	2.308	2.246	2.182	2.114	2.042
22	5.7863	4.3828	3.7829	3.4401	3.2151	3.0546	2.9338	2.8392	2.7628	2.6998	2.6017	2.4984	2.3890	2.3315	2.272	2.210	2.145	2.076	2.003
23	5.7498	4.3492	3.7505	3.4083	3.1835	3.0232	2.9023	2.8077	2.7313	2.6682	2.5699	2.4665	2.3567	2.2989	2.239	2.176	2.111	2.041	1.968
24	5.7166	4.3187	3.7211	3.3794	3.1548	2.9946	2.8738	2.7791	2.7027	2.6396	2.5411	2.4374	2.3273	2.2693	2.209	2.146	2.080	2.010	1.935
25	5.6864	4.2909	3.6943	3.3530	3.1287	2.9685	2.8478	2.7531	2.6766	2.6135	2.5149	2.4110	2.3005	2.2422	2.182	2.118	2.052	1.981	1.906
26	5.6586	4.2655	3.6697	3.3289	3.1048	2.9447	2.8240	2.7293	2.6528	2.5896	2.4908	2.3867	2.2759	2.2174	2.157	2.093	2.026	1.954	1.878
27	5.6331	4.2421	3.6472	3.3067	3.0828	2.9228	2.8021	2.7074	2.6309	2.5676	2.4688	2.3644	2.2533	2.1946	2.133	2.069	2.002	1.930	1.853
28	5.6096	4.2205	3.6264	3.2863	3.0626	2.9027	2.7820	2.6872	2.6106	2.5473	2.4484	2.3438	2.2324	2.1735	2.112	2.048	1.980	1.907	1.829
29	5.5878	4.2006	3.6072	3.2674	3.0438	2.8840	2.7633	2.6686	2.5919	2.5286	2.4295	2.3248	2.2131	2.1540	2.092	2.028	1.959	1.886	1.807
30	5.5675	4.1821	3.5894	3.2499	3.0265	2.8667	2.7460	2.6513	2.5746	2.5112	2.4120	2.3072	2.1952	2.1359	2.074	2.009	1.940	1.866	1.787
40	5.4239	4.0510	3.4633	3.1261	2.9037	2.7444	2.6238	2.5289	2.4519	2.3882	2.2882	2.1819	2.0677	2.0069	1.943	1.875	1.803	1.724	1.637
60	5.2856	3.9253	3.3425	3.0077	2.7863	2.6274	2.5068	2.4117	2.3344	2.2702	2.1692	2.0613	1.9445	1.8817	1.815	1.744	1.667	1.581	1.482
120	5.1523	3.8046	3.2269	2.8943	2.6740	2.5154	2.3948	2.2994	2.2217	2.1570	2.0548	1.9450	1.8249	1.7597	1.690	1.614	1.530	1.433	1.310
inf	5.0239	3.6889	3.1161	2.7858	2.5665	2.4082	2.2875	2.1918	2.1136	2.0483	1.9447	1.8326	1.7085	1.6402	1.566	1.484	1.388	1.268	1.000

F tabel alpha = 0,01

df2/ df1	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**12**	**15**	**20**	**24**	**30**	**40**	**60**	**120**	**INF**
1	4052	4999	5403	5624	5763	5858	5928	5981	6022	6055	6106	6157	6208	6234	6260	6286	6313	6339	6365

	.181	.500	.352	.583	.650	.986	.356	.070	.473	.847	.321	.285	.730	.631	.649	.782	.030	.391	.864
2	98.503	99.000	99.166	99.249	99.299	99.333	99.356	99.374	99.388	99.399	99.416	99.433	99.449	99.458	99.466	99.474	99.482	99.491	99.499
3	34.116	30.817	29.457	28.710	28.237	27.911	27.672	27.489	27.345	27.229	27.052	26.872	26.690	26.598	26.505	26.411	26.316	26.221	26.125
4	21.198	18.000	16.694	15.977	15.522	15.207	14.976	14.799	14.659	14.546	14.374	14.198	14.020	13.929	13.838	13.745	13.652	13.558	13.463
5	16.258	13.274	12.060	11.392	10.967	10.672	10.456	10.289	10.158	10.051	9.888	9.722	9.553	9.466	9.379	9.291	9.202	9.112	9.020
6	13.745	10.925	9.780	9.148	8.746	8.466	8.260	8.102	7.976	7.874	7.718	7.559	7.396	7.313	7.229	7.143	7.057	6.969	6.880
7	12.246	9.547	8.451	7.847	7.460	7.191	6.993	6.840	6.719	6.620	6.469	6.314	6.155	6.074	5.992	5.908	5.824	5.737	5.650
8	11.259	8.649	7.591	7.006	6.632	6.371	6.178	6.029	5.911	5.814	5.667	5.515	5.359	5.279	5.198	5.116	5.032	4.946	4.859
9	10.561	8.022	6.992	6.422	6.057	5.802	5.613	5.467	5.351	5.257	5.111	4.962	4.808	4.729	4.649	4.567	4.483	4.398	4.311
10	10.044	7.559	6.552	5.994	5.636	5.386	5.200	5.057	4.942	4.849	4.706	4.558	4.405	4.327	4.247	4.165	4.082	3.996	3.909
11	9.646	7.206	6.217	5.668	5.316	5.069	4.886	4.744	4.632	4.539	4.397	4.251	4.099	4.021	3.941	3.860	3.776	3.690	3.602
12	9.330	6.927	5.953	5.412	5.064	4.821	4.640	4.499	4.388	4.296	4.155	4.010	3.858	3.780	3.701	3.619	3.535	3.449	3.361
13	9.074	6.701	5.739	5.205	4.862	4.620	4.441	4.302	4.191	4.100	3.960	3.815	3.665	3.587	3.507	3.425	3.341	3.255	3.165
14	8.862	6.515	5.564	5.035	4.695	4.456	4.278	4.140	4.030	3.939	3.800	3.656	3.505	3.427	3.348	3.266	3.181	3.094	3.004
15	8.683	6.359	5.417	4.893	4.556	4.318	4.142	4.004	3.895	3.805	3.666	3.522	3.372	3.294	3.214	3.132	3.047	2.959	2.868
16	8.531	6.226	5.292	4.773	4.437	4.202	4.026	3.890	3.780	3.691	3.553	3.409	3.259	3.181	3.101	3.018	2.933	2.845	2.753
17	8.400	6.112	5.185	4.669	4.336	4.102	3.927	3.791	3.682	3.593	3.455	3.312	3.162	3.084	3.003	2.920	2.835	2.746	2.653
18	8.285	6.013	5.092	4.579	4.248	4.015	3.841	3.705	3.597	3.508	3.371	3.227	3.077	2.999	2.919	2.835	2.749	2.660	2.566
19	8.185	5.926	5.010	4.500	4.171	3.939	3.765	3.631	3.523	3.434	3.297	3.153	3.003	2.925	2.844	2.761	2.674	2.584	2.489
20	8.096	5.849	4.938	4.431	4.103	3.871	3.699	3.564	3.457	3.368	3.231	3.088	2.938	2.859	2.778	2.695	2.608	2.517	2.421
21	8.017	5.780	4.874	4.369	4.042	3.812	3.640	3.506	3.398	3.310	3.173	3.030	2.880	2.801	2.720	2.636	2.548	2.457	2.360
22	7.945	5.719	4.817	4.313	3.988	3.758	3.587	3.453	3.346	3.258	3.121	2.978	2.827	2.749	2.667	2.583	2.495	2.403	2.305
23	7.881	5.664	4.765	4.264	3.939	3.710	3.539	3.406	3.299	3.211	3.074	2.931	2.781	2.702	2.620	2.535	2.447	2.354	2.256
24	7.823	5.614	4.718	4.218	3.895	3.667	3.496	3.363	3.256	3.168	3.032	2.889	2.738	2.659	2.577	2.492	2.403	2.310	2.211
25	7.770	5.568	4.675	4.177	3.855	3.627	3.457	3.324	3.217	3.129	2.993	2.850	2.699	2.620	2.538	2.453	2.364	2.270	2.169
26	7.721	5.526	4.637	4.140	3.818	3.591	3.421	3.288	3.182	3.094	2.958	2.815	2.664	2.585	2.503	2.417	2.327	2.233	2.131
27	7.677	5.488	4.601	4.106	3.785	3.558	3.388	3.256	3.149	3.062	2.926	2.783	2.632	2.552	2.470	2.384	2.294	2.198	2.097
28	7.636	5.453	4.568	4.074	3.754	3.528	3.358	3.226	3.120	3.032	2.896	2.753	2.602	2.522	2.440	2.354	2.263	2.167	2.064

29	7.598	5.420	4.538	4.045	3.725	3.499	3.330	3.198	3.092	3.005	2.868	2.726	2.574	2.495	2.412	2.325	2.234	2.138	2.034
30	7.562	5.390	4.510	4.018	3.699	3.473	3.304	3.173	3.067	2.979	2.843	2.700	2.549	2.469	2.386	2.299	2.208	2.111	2.006
40	7.314	5.179	4.313	3.828	3.514	3.291	3.124	2.993	2.888	2.801	2.665	2.522	2.369	2.288	2.203	2.114	2.019	1.917	1.805
60	7.077	4.977	4.126	3.649	3.339	3.119	2.953	2.823	2.718	2.632	2.496	2.352	2.198	2.115	2.028	1.936	1.836	1.726	1.601
120	6.851	4.787	3.949	3.480	3.174	2.956	2.792	2.663	2.559	2.472	2.336	2.192	2.035	1.950	1.860	1.763	1.656	1.533	1.381
inf	6.635	4.605	3.782	3.319	3.017	2.802	2.639	2.511	2.407	2.321	2.185	2.039	1.878	1.791	1.696	1.592	1.473	1.325	1.000

Tabel Uji *Chi-Square* (X^2)

df	P = 0.05	P = 0.01	P = 0.001
1	3.84	6.64	10.83

2	5.99	9.21	13.82
3	7.82	11.35	16.27
4	9.49	13.28	18.47
5	11.07	15.09	20.52
6	12.59	16.81	22.46
7	14.07	18.48	24.32
8	15.51	20.09	26.13
9	16.92	21.67	27.88
10	18.31	23.21	29.59
11	19.68	24.73	31.26
12	21.03	26.22	32.91
13	22.36	27.69	34.53
14	23.69	29.14	36.12
15	25.00	30.58	37.70
16	26.30	32.00	39.25
17	27.59	33.41	40.79
18	28.87	34.81	42.31
19	30.14	36.19	43.82
20	31.41	37.57	45.32
21	32.67	38.93	46.80
22	33.92	40.29	48.27
23	35.17	41.64	49.73
24	36.42	42.98	51.18
25	37.65	44.31	52.62
26	38.89	45.64	54.05
27	40.11	46.96	55.48
28	41.34	48.28	56.89
29	42.56	49.59	58.30
30	43.77	50.89	59.70
31	44.99	52.19	61.10
32	46.19	53.49	62.49
33	47.40	54.78	63.87
34	48.60	56.06	65.25
35	49.80	57.34	66.62
36	51.00	58.62	67.99
37	52.19	59.89	69.35
38	53.38	61.16	70.71
39	54.57	62.43	72.06

40	55.76	63.69	73.41
41	56.94	64.95	74.75
42	58.12	66.21	76.09
43	59.30	67.46	77.42
44	60.48	68.71	78.75
45	61.66	69.96	80.08
46	62.83	71.20	81.40
47	64.00	72.44	82.72
48	65.17	73.68	84.03
49	66.34	74.92	85.35
50	67.51	76.15	86.66
51	68.67	77.39	87.97
52	69.83	78.62	89.27
53	70.99	79.84	90.57
54	72.15	81.07	91.88
55	73.31	82.29	93.17
56	74.47	83.52	94.47
57	75.62	84.73	95.75
58	76.78	85.95	97.03
59	77.93	87.17	98.34
60	79.08	88.38	99.62
61	80.23	89.59	100.88
62	81.38	90.80	102.15
63	82.53	92.01	103.46
64	83.68	93.22	104.72
65	84.82	94.42	105.97
66	85.97	95.63	107.26
67	87.11	96.83	108.54
68	88.25	98.03	109.79
69	89.39	99.23	111.06
70	90.53	100.42	112.31
71	91.67	101.62	113.56
72	92.81	102.82	114.84
73	93.95	104.01	116.08
74	95.08	105.20	117.35
75	96.22	106.39	118.60
76	97.35	107.58	119.85
77	98.49	108.77	121.11

78	99.62	109.96	122.36
79	100.75	111.15	123.60
80	101.88	112.33	124.84
81	103.01	113.51	126.09
82	104.14	114.70	127.33
83	105.27	115.88	128.57
84	106.40	117.06	129.80
85	107.52	118.24	131.04
86	108.65	119.41	132.28
87	109.77	120.59	133.51
88	110.90	121.77	134.74
89	112.02	122.94	135.96
90	113.15	124.12	137.19
91	114.27	125.29	138.45
92	115.39	126.46	139.66
93	116.51	127.63	140.90
94	117.63	128.80	142.12
95	118.75	129.97	143.32
96	119.87	131.14	144.55
97	120.99	132.31	145.78
98	122.11	133.47	146.99
99	123.23	134.64	148.21
100	124.34	135.81	149.48

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