

Expanded Kruskal-Wallis Tables

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Table 1: Critical Values (CV) and Exact p-values at Desired Significance Levels of .10, .05, and .01 for $k = 4$

Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
2 1 1 1	–	–	–	–	–	–
2 2 1 1	–	–	–	–	–	–
2 2 2 1	5.357143	0.066667	5.678571	0.038095	–	–
2 2 2 2	5.666667	0.076190	6.166667	0.038095	6.666667	0.009524
3 1 1 1	–	–	–	–	–	–
3 2 1 1	4.892857	0.100000	–	–	–	–
3 2 2 1	5.555556	0.071429	5.833333	0.042857	–	–
3 2 2 2	5.644444	0.100000	6.333333	0.047619	7.133333	0.007937
3 3 1 1	5.333333	0.096429	6.333333	0.021429	–	–
3 3 2 1	5.622222	0.094841	6.244444	0.042460	7.044444	0.009127
3 3 2 2	5.745455	0.099206	6.527273	0.049206	7.636364	0.010000
3 3 3 1	5.654545	0.097857	6.600000	0.049286	7.400000	0.008571
3 3 3 2	5.878788	0.099740	6.727273	0.049481	8.015152	0.009610
3 3 3 3	5.974359	0.099843	6.897436	0.045720	8.435897	0.009199
4 1 1 1	–	–	–	–	–	–
4 2 1 1	5.250000	0.090476	5.833333	0.042857	–	–
4 2 2 1	5.533333	0.097884	6.133333	0.041799	7.000000	0.009524
4 2 2 2	5.754545	0.093016	6.545455	0.049206	7.390909	0.008889
4 3 1 1	5.066667	0.095238	6.177778	0.049206	7.066667	0.009524
4 3 2 1	5.572727	0.099683	6.309091	0.049365	7.454545	0.009841
4 3 2 2	5.750000	0.099798	6.621212	0.049495	7.871212	0.009986
4 3 3 1	5.666667	0.097468	6.545455	0.049524	7.757576	0.009740
4 3 3 2	5.858974	0.099690	6.782051	0.049553	8.320513	0.009978
4 3 3 3	6.000000	0.098203	6.967033	0.049814	8.653846	0.009915
4 4 1 1	5.181818	0.099683	5.945455	0.049524	7.909091	0.003810
4 4 2 1	5.568182	0.099798	6.386364	0.049812	7.909091	0.009062
4 4 2 2	5.807692	0.098817	6.730769	0.048716	8.346154	0.009408
4 4 3 1	5.660256	0.099553	6.634615	0.049784	8.217949	0.009942
4 4 3 2	5.901099	0.099500	6.873626	0.049835	8.620879	0.009986
4 4 3 3	6.004762	0.099949	7.038095	0.049899	8.866667	0.009992
4 4 4 1	5.653846	0.098009	6.725275	0.049790	8.587912	0.009857
4 4 4 2	5.914286	0.099402	6.957143	0.049604	8.871429	0.009872
4 4 4 3	6.029167	0.099827	7.129167	0.049602	9.075000	0.009998
4 4 4 4	6.088235	0.099001	7.235294	0.049217	9.286765	0.009990
5 1 1 1	5.333333	0.071429	–	–	–	–
5 2 1 1	5.266667	0.084656	5.960000	0.042328	–	–
5 2 2 1	5.541818	0.098942	6.109091	0.049735	7.276364	0.009524

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
5 2 2 2	5.636364	0.098124	6.563636	0.048341	7.772727	0.009524
5 3 1 1	5.130909	0.095238	6.003636	0.050000	7.400000	0.009524
5 3 2 1	5.518182	0.099495	6.363636	0.049856	7.757576	0.009740
5 3 2 2	5.771795	0.098100	6.664103	0.049952	8.202564	0.009668
5 3 3 1	5.656410	0.098052	6.641026	0.048882	8.117949	0.009118
5 3 3 2	5.865934	0.099747	6.821978	0.050000	8.606593	0.009935
5 3 3 3	6.020952	0.099675	7.011429	0.049918	8.840000	0.009994
5 4 1 1	5.254545	0.088889	6.040909	0.045599	7.909091	0.008081
5 4 2 1	5.580769	0.099086	6.419231	0.049880	8.173077	0.009933
5 4 2 2	5.782418	0.099597	6.725275	0.049321	8.472527	0.009983
5 4 3 1	5.639560	0.099770	6.681319	0.049967	8.408791	0.009879
5 4 3 2	5.901905	0.099361	6.925714	0.049860	8.801905	0.009976
5 4 3 3	6.029167	0.099526	7.093333	0.049838	9.029167	0.009992
5 4 4 1	5.674286	0.099431	6.760000	0.049906	8.725714	0.009961
5 4 4 2	5.947500	0.098917	6.990000	0.049945	9.002500	0.009970
5 4 4 3	6.035294	0.099856	7.172794	0.049999	9.220588	0.009988
5 4 4 4	6.066667	0.099813	7.262745	0.049948	9.392157	0.009945
5 5 1 1	5.153846	0.099206	6.076923	0.048581	8.107692	0.009740
5 5 2 1	5.564835	0.099623	6.540659	0.048322	8.327473	0.009777
5 5 2 2	5.794286	0.099998	6.777143	0.049786	8.634286	0.009961
5 5 3 1	5.662857	0.098402	6.737143	0.049853	8.611429	0.009994
5 5 3 2	5.921667	0.099471	6.946667	0.049792	8.946667	0.009992
5 5 3 3	6.023529	0.099989	7.117647	0.049998	9.188235	0.009979
5 5 4 1	5.670000	0.098837	6.782500	0.049836	8.870000	0.009967
5 5 4 2	5.944853	0.099772	7.032353	0.049863	9.156618	0.009991
5 5 4 3	6.052288	0.099586	7.217647	0.049969	9.356863	0.009983
5 5 4 4	6.070175	0.099986	7.291228	0.049824	9.536842	0.009998
5 5 5 1	5.682353	0.099020	6.829412	0.048946	9.052941	0.009918
5 5 5 2	5.945098	0.099956	7.074510	0.049991	9.286275	0.009895
5 5 5 3	6.043275	0.099919	7.250292	0.049969	9.495906	0.009917
5 5 5 4	6.082105	0.099962	7.327895	0.049918	9.669474	0.009975
5 5 5 5	6.097143	0.099365	7.377143	0.049506	9.800000	0.009942
6 1 1 1	4.888889	0.071429	5.666667	0.047619	—	—
6 2 1 1	5.145455	0.100000	5.963636	0.046032	7.036364	0.009524
6 2 2 1	5.469697	0.096970	6.242424	0.047186	7.500000	0.009812
6 2 2 2	5.666667	0.099639	6.512821	0.050000	7.923077	0.008802
6 3 1 1	5.151515	0.099351	5.939394	0.050000	7.621212	0.009091
6 3 2 1	5.564103	0.099044	6.397436	0.047980	7.884615	0.009921
6 3 2 2	5.780220	0.099445	6.703297	0.048252	8.362637	0.009890
6 3 3 1	5.659341	0.099342	6.626374	0.048464	8.208791	0.009865

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
6 3 3 2	5.885714	0.099424	6.857143	0.049683	8.685714	0.010000
6 3 3 3	6.033333	0.098511	7.033333	0.049981	8.925000	0.009937
6 4 1 1	5.166667	0.099351	6.070513	0.049639	8.000000	0.009957
6 4 2 1	5.571429	0.099789	6.472527	0.049778	8.285714	0.009729
6 4 2 2	5.809524	0.099548	6.742857	0.049842	8.609524	0.009866
6 4 3 1	5.657143	0.099979	6.700000	0.049789	8.528571	0.009967
6 4 3 2	5.904167	0.099621	6.941667	0.049964	8.891667	0.009997
6 4 3 3	6.022059	0.099959	7.125000	0.049946	9.125000	0.009981
6 4 4 1	5.658333	0.099974	6.758333	0.049652	8.783333	0.009978
6 4 4 2	5.941176	0.099439	7.022059	0.049691	9.110294	0.009975
6 4 4 3	6.049020	0.099968	7.189542	0.049979	9.316993	0.009974
6 4 4 4	6.067251	0.099958	7.277778	0.049850	9.491228	0.009998
6 5 1 1	5.175824	0.099512	6.109890	0.049673	8.140659	0.009824
6 5 2 1	5.580952	0.099866	6.540952	0.049942	8.388571	0.009713
6 5 2 2	5.793333	0.099943	6.815000	0.049742	8.743333	0.009982
6 5 3 1	5.665000	0.099844	6.733333	0.049914	8.693333	0.009980
6 5 3 2	5.917647	0.099825	6.998529	0.049960	9.052941	0.009922
6 5 3 3	6.033987	0.099961	7.156863	0.049983	9.274510	0.009996
6 5 4 1	5.688971	0.099995	6.796324	0.049958	8.953676	0.009976
6 5 4 2	5.937908	0.099960	7.055556	0.049904	9.249673	0.009996
6 5 4 3	6.052632	0.099962	7.238012	0.049897	9.451462	0.009990
6 5 4 4	6.077895	0.099948	7.315789	0.049946	9.622632	0.009985
6 5 5 1	5.692810	0.099872	6.837908	0.049984	9.101961	0.009985
6 5 5 2	5.936842	0.099747	7.087719	0.049993	9.374269	0.009995
6 5 5 3	6.063158	0.099853	7.274737	0.049998	9.578947	0.009992
6 5 5 4	6.090476	0.099985	7.340476	0.049982	9.754286	0.009991
6 5 5 5	6.108225	0.099979	7.375758	0.049977	9.869264	0.009998
6 6 1 1	5.219048	0.099282	6.123810	0.049784	8.180952	0.009586
6 6 2 1	5.566667	0.099854	6.533333	0.049788	8.491667	0.009673
6 6 2 2	5.838235	0.099554	6.823529	0.049982	8.852941	0.009900
6 6 3 1	5.698529	0.099345	6.764706	0.049733	8.786765	0.009955
6 6 3 2	5.921569	0.099994	7.013072	0.049835	9.137255	0.009999
6 6 3 3	6.040936	0.099982	7.198830	0.049529	9.350877	0.009992
6 6 4 1	5.689542	0.099599	6.839869	0.049982	9.045752	0.009985
6 6 4 2	5.944444	0.099963	7.078947	0.049987	9.336257	0.009972
6 6 4 3	6.068421	0.099779	7.260526	0.049997	9.536842	0.009996
6 6 4 4	6.095238	0.099849	7.328571	0.049925	9.709524	0.009999
6 6 5 1	5.695906	0.099925	6.846784	0.049843	9.181287	0.010000
6 6 5 2	5.953684	0.099899	7.109474	0.049974	9.472632	0.010000
6 6 5 3	6.065714	0.099997	7.284762	0.049982	9.665714	0.009997

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
6 6 5 4	6.094372	0.099984	7.362771	0.049988	9.828139	0.009991
6 6 5 5	6.100395	0.099988	7.400000	0.049992	9.947826	0.009995
6 6 6 1	5.705263	0.099688	6.894737	0.049998	9.294737	0.009996
6 6 6 2	5.952381	0.099981	7.133333	0.049754	9.561905	0.009963
6 6 6 3	6.077922	0.099866	7.316017	0.049911	9.761905	0.009962
6 6 6 4	6.096838	0.099994	7.385375	0.049906	9.907115	0.009988
6 6 6 5	6.111594	0.099974	7.415942	0.049994	10.017391	0.009996
6 6 6 6	6.120000	0.099862	7.440000	0.049909	10.100000	0.009999
7 1 1 1	5.197403	0.083333	5.197403	0.050000	—	—
7 2 1 1	5.097403	0.093939	6.006494	0.049495	7.272727	0.009091
7 2 2 1	5.483516	0.096801	6.318681	0.049832	7.626374	0.008586
7 2 2 2	5.689168	0.099845	6.513344	0.049961	8.053375	0.009635
7 3 1 1	5.146520	0.099495	6.069597	0.050000	7.637363	0.009848
7 3 2 1	5.576138	0.098873	6.466248	0.049145	8.004710	0.009965
7 3 2 2	5.778231	0.099967	6.718367	0.049978	8.406803	0.009973
7 3 3 1	5.663946	0.099650	6.670748	0.049983	8.352381	0.009532
7 3 3 2	5.898810	0.098852	6.898810	0.049882	8.761905	0.009861
7 3 3 3	5.995798	0.099947	7.071429	0.049908	8.995798	0.009987
7 4 1 1	5.161695	0.099534	6.103611	0.049728	8.032182	0.009557
7 4 2 1	5.579592	0.098585	6.542857	0.049784	8.336735	0.009979
7 4 2 2	5.794643	0.099773	6.789286	0.049901	8.691071	0.009931
7 4 3 1	5.662500	0.099741	6.707143	0.049954	8.616667	0.009996
7 4 3 2	5.928046	0.099990	6.966387	0.049989	8.966912	0.009976
7 4 3 3	6.024276	0.099986	7.133520	0.049976	9.208217	0.009950
7 4 4 1	5.672269	0.099777	6.775210	0.049836	8.884979	0.009966
7 4 4 2	5.927171	0.099963	7.032213	0.049905	9.177871	0.009987
7 4 4 3	6.056809	0.099974	7.220551	0.049986	9.381370	0.009997
7 4 4 4	6.080075	0.099929	7.299248	0.049967	9.561654	0.009929
7 5 1 1	5.225306	0.099845	6.106939	0.049478	8.147755	0.009962
7 5 2 1	5.574286	0.099882	6.543571	0.049994	8.468571	0.009959
7 5 2 2	5.836134	0.099742	6.819958	0.049981	8.826681	0.009984
7 5 3 1	5.678151	0.099675	6.754622	0.049999	8.766387	0.009940
7 5 3 2	5.921008	0.099952	7.010831	0.049852	9.111485	0.009999
7 5 3 3	6.034586	0.099874	7.180785	0.049955	9.332164	0.009998
7 5 4 1	5.693838	0.099989	6.836695	0.049976	9.019608	0.009997
7 5 4 2	5.946867	0.099996	7.073183	0.049997	9.313784	0.009994
7 5 4 3	6.063158	0.099961	7.256842	0.049975	9.518496	0.009999
7 5 4 4	6.092857	0.099947	7.324898	0.049953	9.686327	0.009985
7 5 5 1	5.693734	0.099958	6.844612	0.049976	9.174436	0.009996
7 5 5 2	5.954887	0.099851	7.108421	0.049993	9.441203	0.009998

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
7 5 5 3	6.066667	0.099980	7.286259	0.049868	9.640544	0.009999
7 5 5 4	6.095733	0.099923	7.355102	0.050000	9.807607	0.009975
7 5 5 5	6.105364	0.099813	7.391417	0.049965	9.924224	0.009998
7 6 1 1	5.239286	0.100000	6.147619	0.049906	8.228571	0.009957
7 6 2 1	5.593487	0.099956	6.551471	0.049977	8.566176	0.009978
7 6 2 2	5.830065	0.099881	6.849673	0.049996	8.933707	0.009875
7 6 3 1	5.691877	0.099980	6.767507	0.049843	8.862745	0.009988
7 6 3 2	5.932331	0.099655	7.028404	0.049972	9.203008	0.009991
7 6 3 3	6.051880	0.099970	7.203759	0.049996	9.425564	0.010000
7 6 4 1	5.695489	0.099825	6.841688	0.049917	9.104845	0.009995
7 6 4 2	5.952256	0.099974	7.098496	0.049990	9.404887	0.009979
7 6 4 3	6.072449	0.099985	7.272449	0.049944	9.602381	0.009993
7 6 4 4	6.090909	0.099924	7.342919	0.049993	9.767780	0.010000
7 6 5 1	5.704812	0.099914	6.876391	0.049971	9.247669	0.009995
7 6 5 2	5.956190	0.099902	7.126939	0.049978	9.529660	0.009998
7 6 5 3	6.075448	0.099964	7.303896	0.049999	9.730736	0.009998
7 6 5 4	6.098475	0.099991	7.379955	0.049998	9.883907	0.009999
7 6 5 5	6.111077	0.099997	7.407971	0.049999	9.998758	0.009998
7 6 6 1	5.712925	0.099948	6.882993	0.049978	9.341497	0.009992
7 6 6 2	5.967223	0.099977	7.146568	0.050000	9.607916	0.009997
7 6 6 3	6.078487	0.099930	7.321852	0.049992	9.801807	0.009994
7 6 6 4	6.106625	0.099982	7.396480	0.049983	9.961439	0.009999
7 6 6 5	6.112381	0.099961	7.428762	0.049993	10.070190	0.009999
7 6 6 6	6.122637	0.099957	7.451429	0.049995	10.141538	0.009999
7 7 1 1	5.231092	0.099145	6.138655	0.049359	8.319328	0.009965
7 7 2 1	5.593838	0.099962	6.565826	0.049772	8.619048	0.009950
7 7 2 2	5.837093	0.099757	6.879699	0.049822	9.000000	0.009984
7 7 3 1	5.708438	0.099717	6.804511	0.049752	8.949875	0.009998
7 7 3 2	5.936090	0.099983	7.039850	0.049905	9.266165	0.009977
7 7 3 3	6.055782	0.099915	7.220408	0.049743	9.492517	0.009997
7 7 4 1	5.706767	0.099905	6.857143	0.049768	9.179323	0.009993
7 7 4 2	5.960204	0.099966	7.110204	0.049979	9.468367	0.009999
7 7 4 3	6.074212	0.099928	7.287570	0.049974	9.662647	0.009991
7 7 4 4	6.099944	0.099989	7.362789	0.049958	9.825805	0.009997
7 7 5 1	5.708571	0.099993	6.884082	0.049902	9.316735	0.009972
7 7 5 2	5.966976	0.099946	7.149907	0.049921	9.588497	0.009998
7 7 5 3	6.085037	0.099927	7.322756	0.049997	9.785093	0.009998
7 7 5 4	6.106832	0.099976	7.393168	0.049978	9.940994	0.009996
7 7 5 5	6.113143	0.099971	7.422857	0.049985	10.051429	0.009999
7 7 6 1	5.721707	0.099964	6.911565	0.049884	9.395176	0.009984

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
7 7 6 2	5.975155	0.099983	7.170525	0.049999	9.666290	0.009990
7 7 6 3	6.089545	0.099994	7.337474	0.049995	9.863354	0.009991
7 7 6 4	6.110714	0.099993	7.412143	0.049979	10.013571	0.009996
7 7 6 5	6.121495	0.099971	7.447297	0.049998	10.121143	0.010000
7 7 6 6	6.128612	0.099998	7.463573	0.049979	10.191697	0.009998
7 7 7 1	5.727273	0.099942	6.940147	0.049589	9.453981	0.009970
7 7 7 2	5.982919	0.099855	7.186335	0.049950	9.732919	0.009959
7 7 7 3	6.091429	0.099940	7.360000	0.049869	9.923810	0.009975
7 7 7 4	6.115385	0.099920	7.428791	0.049979	10.066154	0.009993
7 7 7 5	6.127228	0.099912	7.457631	0.049948	10.173138	0.009993
7 7 7 6	6.131897	0.099975	7.478836	0.049965	10.240741	0.009998
7 7 7 7	6.141450	0.099667	7.492611	0.049839	10.292048	0.009984
8 1 1 1	4.954545	0.096970	6.181818	0.024242	–	–
8 2 1 1	5.153846	0.097643	5.932692	0.046465	7.423077	0.006734
8 2 2 1	5.480769	0.099249	6.304945	0.049003	7.648352	0.009894
8 2 2 2	5.714286	0.099012	6.571429	0.048796	8.207143	0.009701
8 3 1 1	5.230769	0.098057	6.096154	0.049029	7.788462	0.009790
8 3 2 1	5.578571	0.098157	6.464286	0.049628	8.114286	0.009968
8 3 2 2	5.772917	0.099931	6.747917	0.049781	8.541667	0.009999
8 3 3 1	5.672917	0.099468	6.672917	0.049988	8.433333	0.009937
8 3 3 2	5.902574	0.099957	6.924632	0.049976	8.821691	0.009983
8 3 3 3	6.006536	0.099947	7.102941	0.049942	9.065359	0.009989
8 4 1 1	5.200000	0.099634	6.142857	0.049284	8.028571	0.009901
8 4 2 1	5.587500	0.099921	6.531250	0.049986	8.368750	0.009860
8 4 2 2	5.823529	0.099877	6.816176	0.049956	8.751838	0.009972
8 4 3 1	5.678309	0.099997	6.731618	0.049832	8.694853	0.009997
8 4 3 2	5.915033	0.099943	6.993464	0.049978	9.017974	0.010000
8 4 3 3	6.033626	0.099941	7.168129	0.049968	9.269006	0.009947
8 4 4 1	5.676471	0.099952	6.803922	0.049889	8.946078	0.009990
8 4 4 2	5.947368	0.099952	7.070175	0.049372	9.241228	0.009917
8 4 4 3	6.061842	0.099905	7.234211	0.049955	9.442105	0.009999
8 4 4 4	6.100000	0.099533	7.314286	0.049888	9.614286	0.009951
8 5 1 1	5.216250	0.099278	6.146250	0.049935	8.140000	0.009975
8 5 2 1	5.595221	0.099648	6.543750	0.049941	8.527941	0.009950
8 5 2 2	5.835294	0.099751	6.854902	0.049819	8.875490	0.009979
8 5 3 1	5.691176	0.099564	6.769935	0.049934	8.836275	0.009857
8 5 3 2	5.930994	0.099987	7.028947	0.049909	9.169298	0.009926
8 5 3 3	6.050263	0.099941	7.199737	0.049866	9.401053	0.009987
8 5 4 1	5.692982	0.099792	6.831579	0.049971	9.076316	0.009978
8 5 4 2	5.951053	0.099901	7.089474	0.049988	9.371053	0.009990

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
8 5 4 3	6.070238	0.099931	7.266667	0.049977	9.571429	0.009999
8 5 4 4	6.087662	0.099994	7.335714	0.049910	9.738961	0.009979
8 5 5 1	5.713421	0.099538	6.858947	0.049811	9.206053	0.009999
8 5 5 2	5.949286	0.099948	7.120714	0.049988	9.500714	0.009980
8 5 5 3	6.079437	0.099869	7.296104	0.049984	9.699567	0.009999
8 5 5 4	6.097233	0.099979	7.371937	0.049998	9.853162	0.009996
8 5 5 5	6.111413	0.099951	7.402717	0.049972	9.967935	0.009975
8 6 1 1	5.240809	0.099881	6.145221	0.049861	8.257353	0.009973
8 6 2 1	5.593137	0.099693	6.580065	0.049967	8.599673	0.009990
8 6 2 2	5.830409	0.099823	6.865497	0.049810	8.988304	0.009958
8 6 3 1	5.682749	0.099753	6.793860	0.049580	8.934211	0.009981
8 6 3 2	5.935526	0.099943	7.036842	0.049983	9.252632	0.009997
8 6 3 3	6.051190	0.099948	7.213095	0.049907	9.479762	0.009997
8 6 4 1	5.701316	0.099942	6.860526	0.049892	9.157895	0.009972
8 6 4 2	5.954762	0.099956	7.119048	0.049981	9.447619	0.010000
8 6 4 3	6.072511	0.099957	7.285714	0.049946	9.652597	0.009994
8 6 4 4	6.095850	0.099972	7.358696	0.049988	9.809289	0.009996
8 6 5 1	5.712143	0.099821	6.888333	0.049940	9.297857	0.009997
8 6 5 2	5.960173	0.099941	7.141991	0.049993	9.580952	0.009985
8 6 5 3	6.078854	0.099986	7.316206	0.049998	9.770751	0.009999
8 6 5 4	6.104348	0.099976	7.387862	0.049998	9.930435	0.009998
8 6 5 5	6.111833	0.099970	7.421333	0.049994	10.040000	0.009999
8 6 6 1	5.726190	0.099813	6.913420	0.049958	9.384199	0.009999
8 6 6 2	5.975296	0.099902	7.161067	0.049986	9.660079	0.009985
8 6 6 3	6.089674	0.099942	7.333333	0.049983	9.850543	0.009994
8 6 6 4	6.111667	0.099986	7.410000	0.049980	10.000833	0.009999
8 6 6 5	6.119385	0.099990	7.441692	0.049999	10.112462	0.009997
8 6 6 6	6.125356	0.099926	7.463675	0.049986	10.181624	0.009989
8 7 1 1	5.218487	0.099735	6.172969	0.049849	8.378151	0.009968
8 7 2 1	5.598997	0.099890	6.603383	0.050000	8.689223	0.009983
8 7 2 2	5.834774	0.099979	6.897180	0.049803	9.060338	0.009994
8 7 3 1	5.698684	0.099979	6.802444	0.049926	8.993233	0.009972
8 7 3 2	5.941667	0.099980	7.057993	0.049999	9.311735	0.009992
8 7 3 3	6.055659	0.099943	7.228819	0.049953	9.538652	0.009993
8 7 4 1	5.712755	0.099900	6.873469	0.049957	9.221429	0.009989
8 7 4 2	5.964286	0.099984	7.127087	0.049952	9.511596	0.009991
8 7 4 3	6.079051	0.099952	7.299266	0.049977	9.707228	0.009989
8 7 4 4	6.102096	0.099948	7.372671	0.049990	9.869565	0.009990
8 7 5 1	5.721243	0.099978	6.903154	0.049986	9.357699	0.009999
8 7 5 2	5.972558	0.099958	7.161293	0.049976	9.634811	0.009999

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
8 7 5 3	6.085714	0.099978	7.331910	0.049990	9.825776	0.009997
8 7 5 4	6.109357	0.099989	7.405357	0.049992	9.984214	0.009998
8 7 5 5	6.115714	0.099957	7.436505	0.049999	10.088176	0.009997
8 7 6 1	5.718379	0.099958	6.923348	0.049970	9.436618	0.009987
8 7 6 2	5.977226	0.099966	7.181806	0.049948	9.712862	0.009994
8 7 6 3	6.090000	0.099983	7.348690	0.049996	9.901429	0.010000
8 7 6 4	6.113846	0.099999	7.423626	0.050000	10.053077	0.010000
8 7 6 5	6.123667	0.099990	7.454884	0.049998	10.160053	0.009999
8 7 6 6	6.131897	0.099996	7.475813	0.049999	10.227986	0.009999
8 7 7 1	5.725155	0.099950	6.942547	0.049881	9.496506	0.009997
8 7 7 2	5.983929	0.099925	7.195357	0.049965	9.768214	0.009997
8 7 7 3	6.095495	0.099928	7.363187	0.049997	9.956593	0.009999
8 7 7 4	6.120574	0.099995	7.438339	0.049992	10.103480	0.009995
8 7 7 5	6.128061	0.099985	7.469388	0.049995	10.208333	0.009999
8 7 7 6	6.137227	0.099997	7.490236	0.049989	10.277006	0.009999
8 7 7 7	6.139901	0.099985	7.502463	0.049989	10.324138	0.010000
8 8 1 1	5.267544	0.099323	6.162281	0.049885	8.390351	0.009983
8 8 2 1	5.621053	0.099580	6.607895	0.049918	8.747368	0.009857
8 8 2 2	5.857143	0.099858	6.914286	0.049873	9.121429	0.009976
8 8 3 1	5.703571	0.099806	6.817857	0.049913	9.055952	0.009926
8 8 3 2	5.943723	0.099948	7.073593	0.049982	9.365801	0.009971
8 8 3 3	6.058300	0.099925	7.236166	0.049951	9.583992	0.009997
8 8 4 1	5.724026	0.099938	6.892857	0.049999	9.275974	0.009955
8 8 4 2	5.976285	0.099780	7.141304	0.049862	9.563241	0.009983
8 8 4 3	6.084239	0.099752	7.312500	0.049992	9.752717	0.009983
8 8 4 4	6.107500	0.099906	7.390000	0.049731	9.910000	0.009991
8 8 5 1	5.725494	0.099962	6.917787	0.049968	9.401383	0.009970
8 8 5 2	5.976630	0.099944	7.173913	0.049993	9.678261	0.009999
8 8 5 3	6.089000	0.099996	7.342500	0.049983	9.867667	0.009992
8 8 5 4	6.112154	0.099928	7.416000	0.049982	10.019077	0.009999
8 8 5 5	6.122222	0.099967	7.448291	0.049993	10.128632	0.009999
8 8 6 1	5.726449	0.099956	6.932971	0.049968	9.487319	0.009984
8 8 6 2	5.985000	0.099867	7.195833	0.049987	9.762500	0.009999
8 8 6 3	6.093846	0.099980	7.360000	0.049932	9.943077	0.009999
8 8 6 4	6.118234	0.099998	7.435897	0.050000	10.096866	0.009988
8 8 6 5	6.128968	0.099987	7.467063	0.049999	10.199206	0.009997
8 8 6 6	6.132389	0.099986	7.487069	0.049986	10.267857	0.009999
8 8 7 1	5.731429	0.099959	6.953929	0.049963	9.535714	0.009998
8 8 7 2	5.987473	0.099991	7.209890	0.050000	9.808022	0.009996
8 8 7 3	6.098596	0.099996	7.374542	0.049989	9.995625	0.010000

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
8 8 7 4	6.125000	0.099985	7.450680	0.049996	10.140023	0.010000
8 8 7 5	6.133005	0.099977	7.481791	0.049994	10.247924	0.009997
8 8 7 6	6.138998	0.099979	7.500000	0.049995	10.312069	0.010000
8 8 7 7	6.145622	0.099995	7.513825	0.049990	10.358525	0.010000
8 8 8 1	5.732308	0.099961	6.962308	0.049991	9.576923	0.009983
8 8 8 2	5.993590	0.099934	7.224359	0.049899	9.850427	0.009995
8 8 8 3	6.106481	0.099913	7.388228	0.049969	10.033730	0.009995
8 8 8 4	6.131158	0.099778	7.463054	0.049955	10.180419	0.009991
8 8 8 5	6.136897	0.099994	7.492414	0.049993	10.282759	0.009991
8 8 8 6	6.145161	0.099961	7.511828	0.049996	10.348387	0.009986
8 8 8 7	6.148618	0.099980	7.525058	0.049990	10.394369	0.009998
8 8 8 8	6.161932	0.099732	7.542614	0.049887	10.434659	0.009997
9 1 1 1	4.880342	0.100000	5.700855	0.045455	—	—
9 2 1 1	5.128205	0.099301	5.919414	0.046154	7.326007	0.009790
9 2 2 1	5.492063	0.098701	6.292063	0.049684	7.692063	0.009857
9 2 2 2	5.705556	0.099687	6.605556	0.049417	8.300000	0.009977
9 3 1 1	5.215873	0.099700	6.104762	0.049550	7.768254	0.009990
9 3 2 1	5.563889	0.099940	6.500000	0.049158	8.141667	0.009997
9 3 2 2	5.801471	0.099865	6.769608	0.049547	8.585784	0.009923
9 3 3 1	5.676471	0.099965	6.676471	0.049938	8.529412	0.009975
9 3 3 2	5.906318	0.099893	6.945534	0.049990	8.869281	0.009999
9 3 3 3	6.005848	0.099988	7.120858	0.049507	9.109162	0.009982
9 4 1 1	5.200000	0.099794	6.105556	0.049764	8.072222	0.009937
9 4 2 1	5.600490	0.099406	6.541667	0.049928	8.424020	0.009963
9 4 2 2	5.831155	0.099922	6.840959	0.049988	8.823529	0.009994
9 4 3 1	5.677560	0.099931	6.749455	0.049755	8.746187	0.009982
9 4 3 2	5.932749	0.099914	7.006823	0.049966	9.085770	0.009973
9 4 3 3	6.052632	0.099947	7.171930	0.049992	9.308772	0.009980
9 4 4 1	5.682261	0.099973	6.833333	0.049927	8.986355	0.009984
9 4 4 2	5.948246	0.099831	7.074561	0.049966	9.277193	0.009986
9 4 4 3	6.067460	0.099973	7.245238	0.049900	9.492857	0.009977
9 4 4 4	6.084416	0.099991	7.312410	0.049949	9.656566	0.009999
9 5 1 1	5.249020	0.098726	6.190196	0.049858	8.241176	0.009923
9 5 2 1	5.591285	0.099837	6.568627	0.049957	8.561220	0.009998
9 5 2 2	5.834308	0.099992	6.863548	0.049960	8.940741	0.009965
9 5 3 1	5.675244	0.099943	6.788694	0.049860	8.893957	0.009983
9 5 3 2	5.934035	0.099702	7.028772	0.049887	9.215088	0.009985
9 5 3 3	6.047619	0.099988	7.209524	0.049922	9.435556	0.009994
9 5 4 1	5.699825	0.099854	6.849298	0.049981	9.110351	0.009990
9 5 4 2	5.958571	0.099954	7.106508	0.049960	9.411746	0.009995

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
9 5 4 3	6.072294	0.099931	7.281385	0.049999	9.608081	0.009999
9 5 4 4	6.091568	0.099983	7.349671	0.049985	9.772596	0.009998
9 5 5 1	5.709841	0.099903	6.875556	0.049990	9.262857	0.009975
9 5 5 2	5.968254	0.099929	7.132756	0.049994	9.532756	0.009999
9 5 5 3	6.079315	0.099881	7.312516	0.049977	9.731489	0.009999
9 5 5 4	6.102415	0.099994	7.380676	0.049970	9.889372	0.009993
9 5 5 5	6.112000	0.099992	7.411556	0.049982	10.006222	0.009998
9 6 1 1	5.246187	0.099486	6.135076	0.049979	8.298475	0.009967
9 6 2 1	5.602339	0.099955	6.612086	0.049559	8.664717	0.009953
9 6 2 2	5.845614	0.099990	6.887719	0.049988	9.045614	0.009969
9 6 3 1	5.698246	0.099628	6.794737	0.049972	8.977193	0.009985
9 6 3 2	5.938095	0.099956	7.052381	0.049930	9.290476	0.009993
9 6 3 3	6.054834	0.099966	7.216450	0.049984	9.518038	0.009996
9 6 4 1	5.715079	0.099716	6.864286	0.049979	9.200794	0.009984
9 6 4 2	5.963925	0.099921	7.121934	0.049947	9.493506	0.010000
9 6 4 3	6.073781	0.099976	7.296443	0.049972	9.690382	0.009998
9 6 4 4	6.098430	0.099971	7.369565	0.049927	9.850242	0.009999
9 6 5 1	5.722367	0.099852	6.899856	0.049962	9.340548	0.009997
9 6 5 2	5.971542	0.099972	7.156785	0.049994	9.614493	0.009987
9 6 5 3	6.086232	0.099984	7.330435	0.049985	9.810870	0.009990
9 6 5 4	6.107889	0.099982	7.400000	0.049992	9.965556	0.009994
9 6 5 5	6.114462	0.099997	7.431590	0.049970	10.072615	0.010000
9 6 6 1	5.719368	0.099976	6.920949	0.049944	9.418972	0.009991
9 6 6 2	5.980676	0.099949	7.173913	0.049956	9.692029	0.009990
9 6 6 3	6.090000	0.099987	7.346667	0.049998	9.885556	0.009993
9 6 6 4	6.113846	0.099933	7.417436	0.049990	10.035385	0.009999
9 6 6 5	6.122127	0.099985	7.450142	0.049963	10.143780	0.009989
9 6 6 6	6.128748	0.099981	7.473545	0.049959	10.208113	0.009999
9 7 1 1	5.246171	0.099944	6.201894	0.049955	8.417432	0.009984
9 7 2 1	5.623058	0.099986	6.612531	0.049958	8.726817	0.009996
9 7 2 2	5.845351	0.099904	6.904082	0.049983	9.107937	0.009993
9 7 3 1	5.695692	0.099992	6.811338	0.049955	9.045351	0.009992
9 7 3 2	5.948464	0.099998	7.074005	0.049961	9.364049	0.009998
9 7 3 3	6.060794	0.099824	7.237531	0.049974	9.582722	0.009999
9 7 4 1	5.714698	0.099993	6.886003	0.049926	9.262008	0.009981
9 7 4 2	5.967815	0.099951	7.140034	0.049980	9.552230	0.010000
9 7 4 3	6.084886	0.099996	7.309869	0.049993	9.744651	0.009997
9 7 4 4	6.104603	0.099994	7.379603	0.049999	9.906270	0.009997
9 7 5 1	5.716130	0.099981	6.911688	0.049995	9.393601	0.009995
9 7 5 2	5.973637	0.099999	7.172395	0.049996	9.669289	0.009994

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
9 7 5 3	6.086984	0.099995	7.339556	0.049990	9.862984	0.009985
9 7 5 4	6.111282	0.099978	7.414974	0.049980	10.013304	0.009999
9 7 5 5	6.122778	0.099995	7.444716	0.049995	10.121150	0.009996
9 7 6 1	5.722567	0.099982	6.930124	0.050000	9.479641	0.009999
9 7 6 2	5.981746	0.099975	7.191746	0.049994	9.752222	0.009996
9 7 6 3	6.093919	0.099989	7.360000	0.049988	9.937436	0.009993
9 7 6 4	6.117080	0.099996	7.431895	0.049994	10.083706	0.010000
9 7 6 5	6.127765	0.099983	7.465231	0.049998	10.191484	0.010000
9 7 6 6	6.134764	0.099949	7.486512	0.049998	10.260380	0.009996
9 7 7 1	5.734603	0.099995	6.951746	0.049968	9.525714	0.009999
9 7 7 2	5.985788	0.099997	7.206447	0.049991	9.799414	0.009999
9 7 7 3	6.098358	0.099970	7.373626	0.049990	9.989282	0.009995
9 7 7 4	6.124150	0.099997	7.446964	0.049989	10.130260	0.010000
9 7 7 5	6.133380	0.099991	7.480038	0.049997	10.241473	0.009997
9 7 7 6	6.138916	0.099988	7.498522	0.049996	10.306623	0.010000
9 7 7 7	6.146134	0.099962	7.513876	0.049993	10.353815	0.009994
9 8 1 1	5.260088	0.099136	6.193421	0.049731	8.417982	0.009968
9 8 2 1	5.614286	0.099934	6.626984	0.049897	8.769841	0.009995
9 8 2 2	5.858947	0.099737	6.915224	0.049977	9.155844	0.009993
9 8 3 1	5.708514	0.099971	6.829726	0.049999	9.079726	0.009997
9 8 3 2	5.954216	0.099940	7.085639	0.049995	9.405797	0.009995
9 8 3 3	6.068841	0.099959	7.251510	0.049965	9.619565	0.009995
9 8 4 1	5.721344	0.099937	6.899868	0.049986	9.306983	0.009998
9 8 4 2	5.972826	0.099912	7.155495	0.049992	9.595713	0.009991
9 8 4 3	6.084722	0.099949	7.323056	0.049990	9.791389	0.009997
9 8 4 4	6.107436	0.099976	7.394359	0.049981	9.943846	0.009996
9 8 5 1	5.719807	0.099995	6.922524	0.049989	9.444263	0.010000
9 8 5 2	5.981389	0.099978	7.184056	0.049971	9.714056	0.009998
9 8 5 3	6.090667	0.099981	7.353436	0.049988	9.905231	0.009998
9 8 5 4	6.114103	0.099993	7.425831	0.049997	10.052612	0.010000
9 8 5 5	6.125441	0.099992	7.454674	0.049992	10.161023	0.009994
9 8 6 1	5.734722	0.099995	6.944722	0.049991	9.522500	0.009990
9 8 6 2	5.986923	0.099988	7.205385	0.049969	9.786923	0.010000
9 8 6 3	6.098765	0.099827	7.369658	0.049990	9.976496	0.009997
9 8 6 4	6.123016	0.099979	7.444444	0.049993	10.123457	0.009998
9 8 6 5	6.131076	0.099990	7.475903	0.049983	10.227750	0.009999
9 8 6 6	6.140230	0.099995	7.497510	0.049989	10.293678	0.009999
9 8 7 1	5.736227	0.099918	6.961319	0.049991	9.571832	0.010000
9 8 7 2	5.989791	0.099999	7.218559	0.050000	9.842355	0.009998
9 8 7 3	6.106293	0.099975	7.384700	0.049994	10.027179	0.009999

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
9 8 7 4	6.126554	0.099998	7.458040	0.049997	10.171593	0.009998
9 8 7 5	6.137115	0.099998	7.489759	0.049999	10.276081	0.009999
9 8 7 6	6.142934	0.099990	7.508961	0.049993	10.342755	0.010000
9 8 7 7	6.147441	0.099993	7.522945	0.049998	10.388225	0.009999
9 8 8 1	5.736942	0.099994	6.971985	0.049970	9.619658	0.009990
9 8 8 2	5.996032	0.099953	7.231261	0.049983	9.882055	0.009998
9 8 8 3	6.106938	0.099983	7.392652	0.049998	10.068144	0.009997
9 8 8 4	6.132567	0.099994	7.469349	0.049988	10.209579	0.010000
9 8 8 5	6.139677	0.099994	7.501004	0.049996	10.311541	0.009999
9 8 8 6	6.148185	0.099954	7.521505	0.049983	10.376512	0.009998
9 8 8 7	6.152192	0.100000	7.533460	0.049998	10.423476	0.009999
9 8 8 8	6.157605	0.099996	7.544860	0.049992	10.457962	0.009999
9 9 1 1	5.260317	0.099759	6.200000	0.049969	8.511111	0.009987
9 9 2 1	5.633478	0.098918	6.636364	0.049927	8.818182	0.009965
9 9 2 2	5.859025	0.099983	6.926219	0.049962	9.183136	0.009987
9 9 3 1	5.716733	0.099842	6.844532	0.049797	9.115942	0.009988
9 9 3 2	5.955314	0.099946	7.096618	0.049993	9.448068	0.009947
9 9 3 3	6.071111	0.099944	7.257778	0.049835	9.657778	0.009935
9 9 4 1	5.727053	0.099788	6.908213	0.049889	9.338164	0.009998
9 9 4 2	5.976111	0.099935	7.166111	0.049978	9.631111	0.009987
9 9 4 3	6.088205	0.099938	7.333333	0.049977	9.824103	0.009997
9 9 4 4	6.111586	0.099981	7.405033	0.049983	9.978632	0.009994
9 9 5 1	5.728889	0.099843	6.940444	0.049990	9.473778	0.009995
9 9 5 2	5.983179	0.099954	7.195897	0.049992	9.749333	0.009999
9 9 5 3	6.095537	0.099977	7.358974	0.049996	9.940551	0.009989
9 9 5 4	6.120282	0.099999	7.434303	0.049999	10.084744	0.009994
9 9 5 5	6.127094	0.099979	7.466338	0.049996	10.190805	0.010000
9 9 6 1	5.739487	0.099936	6.957949	0.049909	9.558974	0.009994
9 9 6 2	5.987654	0.099956	7.218424	0.049975	9.825261	0.009989
9 9 6 3	6.106702	0.099984	7.379189	0.049983	10.007937	0.009996
9 9 6 4	6.126026	0.099976	7.454844	0.049966	10.149015	0.009999
9 9 6 5	6.135326	0.099988	7.483985	0.049986	10.257778	0.009999
9 9 6 6	6.141219	0.099991	7.503226	0.049997	10.327599	0.009999
9 9 7 1	5.741283	0.099987	6.968797	0.049991	9.611586	0.009993
9 9 7 2	5.994961	0.099950	7.228521	0.049999	9.876165	0.010000
9 9 7 3	6.107671	0.099932	7.394558	0.049992	10.059348	0.009998
9 9 7 4	6.129995	0.099983	7.467542	0.049998	10.202682	0.009999
9 9 7 5	6.139908	0.099993	7.499621	0.049989	10.303922	0.009995
9 9 7 6	6.145929	0.099980	7.517185	0.049997	10.370488	0.009999
9 9 7 7	6.150794	0.099981	7.531746	0.049989	10.416306	0.009999

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
9 9 8 1	5.742504	0.099970	6.984347	0.049971	9.650794	0.009999
9 9 8 2	5.994458	0.099997	7.239943	0.049980	9.914819	0.009996
9 9 8 3	6.109004	0.099976	7.403065	0.049996	10.097318	0.009994
9 9 8 4	6.132258	0.099997	7.477061	0.049999	10.239427	0.009997
9 9 8 5	6.143985	0.099981	7.509845	0.049998	10.340491	0.010000
9 9 8 6	6.148516	0.099984	7.528409	0.049997	10.406092	0.009998
9 9 8 7	6.154231	0.099993	7.541295	0.050000	10.451214	0.010000
9 9 8 8	6.158683	0.099990	7.552381	0.049998	10.484594	0.009999
9 9 9 1	5.748768	0.099930	6.996716	0.049857	9.686371	0.009992
9 9 9 2	6.001533	0.099955	7.251341	0.049957	9.949425	0.009997
9 9 9 3	6.112545	0.099983	7.414337	0.049857	10.129749	0.009992
9 9 9 4	6.137097	0.099987	7.486559	0.049983	10.268817	0.009991
9 9 9 5	6.147475	0.099912	7.518687	0.049997	10.367677	0.010000
9 9 9 6	6.153298	0.099958	7.538919	0.049988	10.431967	0.009997
9 9 9 7	6.156623	0.099995	7.550780	0.049999	10.477071	0.009999
9 9 9 8	6.161376	0.099999	7.562037	0.049994	10.512698	0.009997
9 9 9 9	6.161161	0.099976	7.570571	0.049979	10.539540	0.009986
10 1 1 1	5.037363	0.097902	5.907692	0.034965	—	—
10 2 1 1	5.194286	0.098901	5.937143	0.049284	7.251429	0.009990
10 2 2 1	5.550000	0.099101	6.305000	0.049684	7.795000	0.009968
10 2 2 2	5.717647	0.099118	6.600000	0.050000	8.338235	0.009990
10 3 1 1	5.261667	0.096770	6.100000	0.049217	7.855000	0.009857
10 3 2 1	5.591176	0.099704	6.507353	0.049592	8.179412	0.009990
10 3 2 2	5.816993	0.099835	6.784314	0.049933	8.656209	0.009970
10 3 3 1	5.673203	0.099941	6.682353	0.049856	8.564706	0.009990
10 3 3 2	5.918129	0.099968	6.955556	0.049967	8.920468	0.009974
10 3 3 3	6.033684	0.099757	7.115789	0.049977	9.154737	0.009996
10 4 1 1	5.238971	0.099650	6.125735	0.049101	8.091176	0.009990
10 4 2 1	5.598039	0.099788	6.545098	0.049958	8.441176	0.009930
10 4 2 2	5.815789	0.099938	6.847368	0.049854	8.868421	0.009949
10 4 3 1	5.674854	0.099972	6.771345	0.049970	8.795906	0.009984
10 4 3 2	5.931579	0.099971	7.013684	0.049960	9.132105	0.009986
10 4 3 3	6.040000	0.099991	7.180476	0.049986	9.352381	0.010000
10 4 4 1	5.696842	0.099967	6.828947	0.049925	9.034737	0.009999
10 4 4 2	5.954286	0.099562	7.088571	0.049965	9.324286	0.009996
10 4 4 3	6.067100	0.099917	7.259307	0.049949	9.525974	0.009997
10 4 4 4	6.088933	0.099923	7.328063	0.049941	9.693676	0.009998
10 5 1 1	5.239216	0.099976	6.160784	0.049722	8.262745	0.009961
10 5 2 1	5.589474	0.099791	6.600000	0.049754	8.603509	0.009962
10 5 2 2	5.835789	0.099972	6.887368	0.049946	8.993684	0.009962

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
10 5 3 1	5.696842	0.099794	6.792632	0.049996	8.918947	0.009992
10 5 3 2	5.931429	0.099939	7.049524	0.049966	9.248571	0.009996
10 5 3 3	6.053680	0.099850	7.211255	0.049984	9.475325	0.010000
10 5 4 1	5.708571	0.099945	6.852857	0.049941	9.160000	0.009990
10 5 4 2	5.962338	0.099997	7.118182	0.049959	9.446753	0.009998
10 5 4 3	6.073518	0.099984	7.284980	0.049998	9.647036	0.009994
10 5 4 4	6.096739	0.099916	7.357609	0.049989	9.803261	0.009998
10 5 5 1	5.724675	0.099794	6.885714	0.049970	9.296104	0.009998
10 5 5 2	5.973913	0.099813	7.147826	0.049803	9.569170	0.009986
10 5 5 3	6.081159	0.099999	7.313043	0.049993	9.765217	0.009993
10 5 5 4	6.110000	0.099908	7.393000	0.049924	9.918000	0.009998
10 5 5 5	6.112615	0.099824	7.427077	0.049999	10.028308	0.009992
10 6 1 1	5.247953	0.099461	6.202339	0.049958	8.388304	0.009985
10 6 2 1	5.613684	0.099938	6.603158	0.049752	8.689474	0.009954
10 6 2 2	5.836190	0.099982	6.893333	0.049970	9.093333	0.009917
10 6 3 1	5.700000	0.099884	6.802857	0.049933	9.007619	0.009998
10 6 3 2	5.948052	0.099958	7.063203	0.049987	9.340260	0.009976
10 6 3 3	6.055336	0.099961	7.229249	0.049998	9.555731	0.009999
10 6 4 1	5.714719	0.099961	6.880519	0.049980	9.234199	0.009997
10 6 4 2	5.970356	0.099925	7.138340	0.049952	9.524111	0.009998
10 6 4 3	6.079710	0.099888	7.298913	0.049978	9.720652	0.010000
10 6 4 4	6.103333	0.099838	7.378000	0.049953	9.883000	0.009981
10 6 5 1	5.717787	0.099904	6.903557	0.049990	9.366798	0.010000
10 6 5 2	5.973188	0.099998	7.168841	0.049941	9.650000	0.009983
10 6 5 3	6.088667	0.099746	7.336000	0.049995	9.840000	0.010000
10 6 5 4	6.108308	0.099988	7.408000	0.049973	9.991692	0.010000
10 6 5 5	6.119088	0.099931	7.439316	0.049997	10.098575	0.010000
10 6 6 1	5.718841	0.099957	6.929710	0.049878	9.451449	0.009987
10 6 6 2	5.985333	0.099727	7.185333	0.049998	9.726667	0.009970
10 6 6 3	6.094154	0.099947	7.352615	0.049978	9.913846	0.010000
10 6 6 4	6.118519	0.099982	7.425926	0.049997	10.063818	0.009982
10 6 6 5	6.125926	0.099993	7.459788	0.049987	10.167725	0.009997
10 6 6 6	6.132020	0.099945	7.477833	0.049999	10.240394	0.009997
10 7 1 1	5.262406	0.099444	6.198496	0.049667	8.423459	0.009990
10 7 2 1	5.615510	0.099930	6.613469	0.049932	8.762041	0.009992
10 7 2 2	5.856401	0.099927	6.915399	0.049967	9.139889	0.009999
10 7 3 1	5.707359	0.099928	6.824490	0.049917	9.065059	0.009993
10 7 3 2	5.953021	0.099994	7.081423	0.049955	9.391417	0.009991
10 7 3 3	6.067805	0.099898	7.244203	0.049995	9.613251	0.009997
10 7 4 1	5.714737	0.099919	6.892716	0.049996	9.298137	0.009999

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
10 7 4 2	5.970652	0.099961	7.153727	0.049991	9.582298	0.009998
10 7 4 3	6.082857	0.099973	7.314667	0.049997	9.775095	0.009999
10 7 4 4	6.104703	0.099980	7.390022	0.049994	9.932308	0.009998
10 7 5 1	5.719255	0.099899	6.920497	0.049998	9.429814	0.009995
10 7 5 2	5.979714	0.099992	7.183429	0.049951	9.701714	0.009997
10 7 5 3	6.089407	0.099974	7.348308	0.049986	9.893538	0.009998
10 7 5 4	6.114408	0.099976	7.421978	0.049990	10.039316	0.009999
10 7 5 5	6.123356	0.099953	7.453968	0.049954	10.148980	0.009986
10 7 6 1	5.733429	0.099986	6.947714	0.049986	9.501429	0.009991
10 7 6 2	5.986813	0.099983	7.200791	0.049992	9.778813	0.009996
10 7 6 3	6.095238	0.099997	7.363858	0.049990	9.965405	0.009998
10 7 6 4	6.122562	0.099989	7.441156	0.049997	10.110355	0.010000
10 7 6 5	6.129557	0.099993	7.473540	0.049999	10.216397	0.010000
10 7 6 6	6.137603	0.099984	7.491560	0.050000	10.283481	0.010000
10 7 7 1	5.732835	0.099983	6.960791	0.049992	9.560967	0.009995
10 7 7 2	5.989499	0.099969	7.216606	0.049965	9.829792	0.009998
10 7 7 3	6.102797	0.100000	7.381708	0.049991	10.016629	0.009999
10 7 7 4	6.127199	0.100000	7.454715	0.049989	10.158515	0.010000
10 7 7 5	6.136946	0.099997	7.485320	0.049996	10.264433	0.009998
10 7 7 6	6.141382	0.099970	7.505622	0.049999	10.331551	0.010000
10 7 7 7	6.146025	0.099999	7.520219	0.049994	10.377650	0.009999
10 8 1 1	5.271429	0.099616	6.215000	0.049663	8.500000	0.009993
10 8 2 1	5.620779	0.099813	6.629221	0.049975	8.815584	0.009983
10 8 2 2	5.860079	0.099998	6.927273	0.049927	9.187352	0.009970
10 8 3 1	5.712055	0.099990	6.830040	0.049957	9.105731	0.010000
10 8 3 2	5.955072	0.099814	7.096377	0.049996	9.436957	0.009991
10 8 3 3	6.065833	0.099975	7.259167	0.049942	9.656667	0.009998
10 8 4 1	5.719565	0.099982	6.902717	0.049988	9.333696	0.009989
10 8 4 2	5.978000	0.099965	7.160500	0.049992	9.627500	0.009994
10 8 4 3	6.085846	0.099985	7.328769	0.049992	9.818462	0.009997
10 8 4 4	6.109402	0.099985	7.401709	0.049970	9.974786	0.009993
10 8 5 1	5.730500	0.099994	6.936500	0.049994	9.462500	0.009998
10 8 5 2	5.985231	0.099968	7.196308	0.049968	9.742615	0.009997
10 8 5 3	6.094444	0.099995	7.358262	0.049999	9.932194	0.009996
10 8 5 4	6.118651	0.099983	7.434524	0.049999	10.079762	0.009999
10 8 5 5	6.127463	0.099891	7.467857	0.049982	10.185591	0.010000
10 8 6 1	5.732769	0.099936	6.956154	0.049985	9.546462	0.009993
10 8 6 2	5.987464	0.099978	7.215385	0.049949	9.816952	0.009999
10 8 6 3	6.102116	0.099991	7.376720	0.049994	10.004630	0.010000
10 8 6 4	6.124384	0.099991	7.451970	0.049998	10.147537	0.009999

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
10 8 6 5	6.134713	0.099988	7.481379	0.049994	10.253678	0.009999
10 8 6 6	6.140538	0.099973	7.501935	0.049993	10.321183	0.009998
10 8 7 1	5.737485	0.099991	6.966545	0.049992	9.602442	0.009999
10 8 7 2	5.992234	0.099998	7.225170	0.049997	9.871202	0.009994
10 8 7 3	6.105577	0.099999	7.390588	0.050000	10.053220	0.010000
10 8 7 4	6.130296	0.099995	7.465665	0.049998	10.197931	0.010000
10 8 7 5	6.139908	0.099989	7.496728	0.049997	10.299908	0.010000
10 8 7 6	6.145464	0.100000	7.516359	0.049998	10.365726	0.010000
10 8 7 7	6.151786	0.100000	7.530154	0.049999	10.412459	0.010000
10 8 8 1	5.746032	0.099997	6.979762	0.049958	9.644444	0.009992
10 8 8 2	5.997783	0.099969	7.239901	0.049959	9.910714	0.009999
10 8 8 3	6.109770	0.099971	7.404943	0.049994	10.092759	0.009999
10 8 8 4	6.133548	0.099992	7.474516	0.049994	10.235806	0.009996
10 8 8 5	6.143347	0.099979	7.506653	0.049999	10.334879	0.009997
10 8 8 6	6.149905	0.099992	7.525758	0.049998	10.400284	0.010000
10 8 8 7	6.154393	0.099994	7.540031	0.049996	10.445837	0.009999
10 8 8 8	6.157815	0.099977	7.550168	0.049997	10.480084	0.009999
10 9 1 1	5.286003	0.099095	6.220779	0.049998	8.524964	0.009954
10 9 2 1	5.631094	0.099893	6.640580	0.049856	8.846113	0.009996
10 9 2 2	5.862560	0.099988	6.937198	0.049997	9.214734	0.009997
10 9 3 1	5.705314	0.099994	6.844203	0.049973	9.152415	0.009989
10 9 3 2	5.960000	0.099985	7.107556	0.049977	9.470889	0.009992
10 9 3 3	6.063590	0.099907	7.265436	0.049987	9.690051	0.009999
10 9 4 1	5.730000	0.099985	6.913556	0.049993	9.370556	0.009998
10 9 4 2	5.980821	0.099992	7.174359	0.049955	9.660821	0.009998
10 9 4 3	6.088794	0.099983	7.337322	0.049992	9.854036	0.010000
10 9 4 4	6.114462	0.099995	7.411111	0.050000	10.005732	0.009998
10 9 5 1	5.728821	0.099994	6.945436	0.049995	9.502154	0.009996
10 9 5 2	5.985375	0.099983	7.202469	0.049999	9.777968	0.009998
10 9 5 3	6.100176	0.099948	7.368430	0.049974	9.964021	0.009995
10 9 5 4	6.121839	0.099996	7.441297	0.049999	10.110755	0.009998
10 9 5 5	6.130728	0.100000	7.473257	0.049998	10.216552	0.010000
10 9 6 1	5.735233	0.099977	6.963723	0.049971	9.581956	0.009991
10 9 6 2	5.992240	0.099993	7.222928	0.049998	9.850970	0.009997
10 9 6 3	6.104926	0.099993	7.384401	0.049982	10.035140	0.009999
10 9 6 4	6.127969	0.100000	7.460690	0.050000	10.179464	0.010000
10 9 6 5	6.137348	0.099996	7.493047	0.049997	10.283441	0.009997
10 9 6 6	6.143145	0.099950	7.510618	0.049986	10.347312	0.009999
10 9 7 1	5.740816	0.099989	6.977501	0.049975	9.633661	0.009999
10 9 7 2	5.995027	0.099988	7.236266	0.049995	9.902135	0.009999

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
10 9 7 3	6.107345	0.099993	7.399606	0.049998	10.084291	0.009999
10 9 7 4	6.133292	0.099991	7.473825	0.049996	10.227087	0.010000
10 9 7 5	6.142185	0.099995	7.506912	0.049996	10.329263	0.009999
10 9 7 6	6.149206	0.099999	7.524477	0.049997	10.393525	0.009997
10 9 7 7	6.152500	0.099999	7.537221	0.049997	10.439385	0.010000
10 9 8 1	5.742857	0.099998	6.988711	0.049991	9.674918	0.009999
10 9 8 2	6.000038	0.099990	7.248276	0.049995	9.943448	0.009996
10 9 8 3	6.112581	0.099989	7.411649	0.049996	10.121326	0.010000
10 9 8 4	6.136727	0.099995	7.483501	0.049993	10.263743	0.010000
10 9 8 5	6.145486	0.099994	7.516698	0.050000	10.364141	0.009999
10 9 8 6	6.151545	0.099995	7.535472	0.049995	10.428283	0.010000
10 9 8 7	6.156411	0.099999	7.548731	0.049999	10.472269	0.010000
10 9 8 8	6.160952	0.099993	7.559630	0.049997	10.507011	0.009999
10 9 9 1	5.747739	0.099995	6.999387	0.050000	9.712031	0.010000
10 9 9 2	6.002294	0.099988	7.257491	0.049995	9.973620	0.009997
10 9 9 3	6.115591	0.099974	7.418817	0.049994	10.152554	0.010000
10 9 9 4	6.140025	0.099991	7.493497	0.049997	10.291477	0.009999
10 9 9 5	6.147475	0.099991	7.524540	0.049998	10.391325	0.009998
10 9 9 6	6.156190	0.099997	7.543417	0.049983	10.455574	0.009999
10 9 9 7	6.160197	0.099997	7.557672	0.049998	10.500151	0.009999
10 9 9 8	6.163188	0.099996	7.567067	0.049998	10.532758	0.010000
10 9 9 9	6.166999	0.099984	7.574301	0.050000	10.560076	0.009999
10 10 1 1	5.281423	0.099524	6.227668	0.049741	8.570751	0.009977
10 10 2 1	5.634783	0.099903	6.658696	0.049932	8.893478	0.009980
10 10 2 2	5.872000	0.099715	6.952000	0.049977	9.256000	0.009939
10 10 3 1	5.714667	0.099952	6.858667	0.049820	9.180000	0.009989
10 10 3 2	5.965538	0.099955	7.113846	0.049998	9.504000	0.009991
10 10 3 3	6.069516	0.100000	7.278063	0.049993	9.720798	0.009998
10 10 4 1	5.727692	0.099955	6.919385	0.050000	9.406154	0.009991
10 10 4 2	5.982051	0.099962	7.182906	0.049996	9.691453	0.009978
10 10 4 3	6.092857	0.099995	7.347354	0.049987	9.879894	0.009996
10 10 4 4	6.116749	0.099921	7.417241	0.049966	10.033744	0.009999
10 10 5 1	5.735043	0.099852	6.960684	0.049797	9.531624	0.009995
10 10 5 2	5.987302	0.099949	7.212698	0.050000	9.804762	0.009997
10 10 5 3	6.099507	0.099977	7.372906	0.049998	9.993103	0.009998
10 10 5 4	6.123448	0.099988	7.447586	0.049998	10.139310	0.009996
10 10 5 5	6.135484	0.099999	7.481290	0.049985	10.242581	0.009975
10 10 6 1	5.740741	0.099990	6.970899	0.049992	9.602646	0.009998
10 10 6 2	5.997044	0.099846	7.235468	0.049996	9.874877	0.009998
10 10 6 3	6.105747	0.099999	7.395402	0.049989	10.062529	0.009979

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Sample Sizes	.10		.05		.01	
	CV	p-value	CV	p-value	CV	p-value
10 10 6 4	6.132473	0.099996	7.467742	0.049985	10.203871	0.009998
10 10 6 5	6.139919	0.099988	7.498790	0.049998	10.307258	0.010000
10 10 6 6	6.146212	0.099990	7.515909	0.049971	10.370455	0.010000
10 10 7 1	5.742013	0.099996	6.986981	0.049994	9.660380	0.009995
10 10 7 2	5.999803	0.099988	7.245320	0.049967	9.932020	0.010000
10 10 7 3	6.110661	0.099991	7.408848	0.049998	10.108633	0.009998
10 10 7 4	6.135138	0.099991	7.480472	0.049998	10.251325	0.010000
10 10 7 5	6.145130	0.099989	7.511851	0.049998	10.352110	0.010000
10 10 7 6	6.150649	0.099995	7.531194	0.049994	10.415737	0.010000
10 10 7 7	6.154574	0.099987	7.544442	0.050000	10.461465	0.009999
10 10 8 1	5.747586	0.099985	6.995862	0.049985	9.702069	0.010000
10 10 8 2	6.001290	0.099979	7.255484	0.049998	9.964194	0.009999
10 10 8 3	6.114919	0.099987	7.417238	0.049999	10.147480	0.009991
10 10 8 4	6.140341	0.099973	7.490909	0.049999	10.288352	0.009999
10 10 8 5	6.147594	0.099972	7.523262	0.049999	10.386096	0.010000
10 10 8 6	6.154202	0.099993	7.541513	0.049996	10.452017	0.009998
10 10 8 7	6.159150	0.099999	7.554966	0.049998	10.494966	0.010000
10 10 8 8	6.163964	0.099979	7.564865	0.049997	10.528829	0.009999
10 10 9 1	5.750968	0.099980	7.006595	0.049998	9.731756	0.009995
10 10 9 2	6.006586	0.099987	7.261694	0.049988	9.999194	0.010000
10 10 9 3	6.118561	0.099999	7.427652	0.049995	10.176641	0.009999
10 10 9 4	6.142365	0.099999	7.499465	0.049993	10.315983	0.009998
10 10 9 5	6.150700	0.099999	7.530196	0.049999	10.413894	0.009994
10 10 9 6	6.157143	0.099996	7.550159	0.049999	10.477778	0.010000
10 10 9 7	6.161705	0.099998	7.563335	0.049998	10.521593	0.010000
10 10 9 8	6.165386	0.099999	7.573281	0.050000	10.555998	0.010000
10 10 9 9	6.168061	0.099997	7.581736	0.050000	10.581556	0.009999
10 10 10 1	5.753226	0.099920	7.012500	0.049997	9.760887	0.009996
10 10 10 2	6.009091	0.099838	7.270455	0.049957	10.027273	0.009997
10 10 10 3	6.120856	0.099986	7.433512	0.049962	10.199287	0.009998
10 10 10 4	6.143193	0.099986	7.506555	0.049950	10.337647	0.010000
10 10 10 5	6.153333	0.099984	7.537143	0.049990	10.436190	0.009998
10 10 10 6	6.159159	0.099994	7.557357	0.050000	10.499099	0.009997
10 10 10 7	6.163747	0.099987	7.570778	0.049999	10.543833	0.009999
10 10 10 8	6.168623	0.099994	7.581377	0.049957	10.576721	0.009999
10 10 10 9	6.170855	0.099998	7.587692	0.049998	10.602308	0.009999
10 10 10 10	6.172683	0.099988	7.598049	0.049972	10.622927	0.009994
