Table The Kruskal-Wallis test

Critical region : H $\geq$ tabulated value

K = 3

Sample Sizes			α = 0.05	α = 0.01
2	2	2	-	-
3	2	1	-	-
3	2	2	4.714	-
3	3	1	5.143	-
3	3	2	5.361	-
3	3	3	5.600	7.200
4	2	1	-	-
4	2	2	5.333	-
4	3	1	5.208	-
4	3	2	5.444	6.444
4	3	3	5.791	6.745
4	4	1	4.967	6.667
4	4	2	5.455	7.036
4	4	3	5.598	7.144
4	4	4	5.692	7.654
5	2	1	5.000	-
5	2	2	5.160	6.533
5	3	1	4.960	-
5	3	2	5.251	6.909
5	3	3	5.648	7.079
5	4	1	4.985	6.955
5	4	2	5.273	7.205
5	4	3	5.656	7.445
5	4	4	5.657	7.760
5	5	1	5.127	7.309
5	5	2	5.338	7.338
5	5	3	5.705	7.578
5	5	4	5.666	7.823
5	5	5	5.780	8.000
6	1	1	-	-
6	2	1	4.822	-
6	2	2	5.345	6.655
6	3	1	4.855	6.873
6	3	2	5.348	6.970
6	3	3	5.615	7.410
6	4	1	4.947	7.106
6	4	2	5.340	7.340
6	4	3	5.610	7.50
6	4	4	5.681	7.795
6	5	1	4.990	7.182
6	5	2	5.338	7.376
6	5	3	5.602	7.590
6	5	4	5.661	7.936
6	5	5	5.729	8.028
6	6	1	4.945	7.121
6	6	2	5.410	7.467
6	6	3	5.625	7.725
6	6	4	5.725	8.000
6	6	5	5.765	8.124
6	6	6	5.801	8.222
7	7	7	5.819	8.378
8	8	8	5.805	8.465

K = 4

Sample sizes				α = 0.05	α = 0.01
2	2	1	1	-	-
2	2	2	1	5.679	-
2	2	2	2	6.167	6.667
3	1	1	1	-	-
3	2	1	1	-	-
3	2	2	1	5.833	-
3	2	2	2	6.333	7.133
3	3	1	1	6.333	-
3	3	2	1	6.244	7.200
3	3	2	2	6.527	7.636
3	3	3	1	6.600	7.400
3	3	3	2	6.727	8.015
3	3	3	3	7.000	8.538
4	1	1	1	-	-
4	2	1	1	5.833	-
4	2	2	1	6.133	7.000
4	2	2	2	6.545	7.391
4	3	1	1	6.178	7.067
4	3	2	1	6.309	7.455
4	3	2	2	6.621	7.871
4	3	3	1	6.545	7.758
4	3	3	2	6.795	8.333
4	3	3	3	6.984	8.659
4	4	1	1	5.945	7.909
4	4	2	1	6.386	7.909
4	4	2	2	6.731	8.346
4	4	3	1	6.635	8.231
4	4	3	2	6.874	8.621
4	4	3	3	7.038	8.876
4	4	4	1	6.725	8.588
4	4	4	2	6.957	8.871
4	4	4	3	7.142	9.075
4	4	4	4	7.235	9.287

K = 5

Sample sizes					α = 0.05	α = 0.01
2	2	1	1	1	-	-
2	2	2	1	1	6.750	-
2	2	2	2	1	7.133	7.533
2	2	2	2	2	7.418	8.291
3	1	1	1	1	-	-
3	2	1	1	1	6.583	-
3	2	2	1	1	6.800	7.600
3	2	2	2	1	7.309	8.127
3	2	2	2	2	7.682	8.682
3	3	1	1	1	7.111	-
3	3	2	1	1	7.200	8.073
3	3	2	2	1	7.591	8.576
3	3	2	2	2	7.910	9.115
3	3	3	1	1	7.576	8.424
3	3	3	2	1	7.769	9.051
3	3	3	2	2	8.044	9.505
3	3	3	3	1	8.000	9.451
3	3	3	3	2	8.200	9.876
3	3	3	3	3	8.333	10.20

Kanji, Gopal K. **100 Statistical Tests**. London : SAGE Publication Ltd., 1993.