

Estadístico del rango estandarizado

Tabla Comparaciones múltiples del Test de Tukey (*valores q*)

gl		número de grupos														
error	α	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	.05	17.97	36.98	32.82	37.08	40.41	43.12	45.40	47.36	49.07	50.6	52.0	53.2	54.3	55.4	
	.01	90.03	135.0	164.3	185.6	202.2	215.8	227.2	237.0	245.6	253	260	266	272	277	
2	.05	6.085	8.331	9.798	10.880	11.732	12.436	13.026	13.539	13.989	14.392	14.746	15.071	15.370	15.646	
	.01	14.04	19.02	22.29	24.720	26.63	28.20	29.53	30.68	31.69	32.59	33.44	34.11	34.82	35.39	
3	.05	4.501	5.910	6.825	7.502	8.037	8.478	8.853	9.177	9.462	9.714	9.941	10.149	10.340	10.516	
	.01	8.261	10.62	12.17	13.33	14.24	15.00	15.64	16.20	16.69	17.13	17.51	17.86	18.19	18.51	
4	.05	3.927	5.040	5.757	6.287	6.707	7.053	7.347	7.602	7.826	8.026	8.208	8.371	8.522	8.662	
	.01	6.512	8.120	9.173	9.958	10.584	11.097	11.542	11.928	12.268	12.579	12.837	13.082	13.314	13.527	
5	.05	3.635	4.602	5.218	5.673	6.033	6.330	6.582	6.802	6.995	7.167	7.322	7.464	7.594	7.715	
	.01	5.702	6.976	7.804	8.421	8.913	9.321	9.669	9.972	10.242	10.487	10.694	10.892	11.074	11.242	
6	.05	3.461	4.339	4.896	5.305	5.628	5.895	6.122	6.319	6.493	6.648	6.788	6.915	7.033	7.142	
	.01	5.243	6.331	7.033	7.556	7.973	8.318	8.613	8.869	9.097	9.307	9.481	9.650	9.805	9.948	
7	.05	3.344	4.165	4.681	5.060	5.359	5.606	5.815	5.998	6.158	6.301	6.431	6.549	6.657	6.757	
	.01	4.949	5.919	6.543	7.005	7.373	7.679	7.939	8.166	8.368	8.552	8.707	8.856	8.994	9.121	
8	.05	3.261	4.041	4.529	4.886	5.167	5.399	5.597	5.767	5.918	6.053	6.175	6.286	6.388	6.482	
	.01	4.746	5.635	6.204	6.625	6.960	7.237	7.474	7.681	7.863	8.030	8.172	8.308	8.432	8.548	
9	.05	3.199	3.949	4.415	4.756	5.024	5.244	5.432	5.595	5.739	5.866	5.983	6.088	6.185	6.275	
	.01	4.596	5.428	5.957	6.348	6.658	6.915	7.134	7.325	7.495	7.648	7.781	7.906	8.021	8.129	
10	.05	3.151	3.877	4.327	4.654	4.912	5.124	5.305	5.461	5.599	5.721	5.833	5.934	6.027	6.114	
	.01	4.482	5.270	5.769	6.136	6.428	6.669	6.875	7.055	7.213	7.357	7.482	7.599	7.708	7.809	
11	.05	3.113	3.820	4.256	4.574	4.823	5.028	5.202	5.353	5.487	5.605	5.713	5.811	5.901	5.984	
	.01	4.392	5.146	5.621	5.970	6.247	6.476	6.672	6.842	6.992	7.129	7.247	7.359	7.461	7.557	
12	.05	3.082	3.773	4.199	4.508	4.751	4.950	5.119	5.265	5.395	5.510	5.614	5.710	5.797	5.877	
	.01	4.320	5.046	5.502	5.836	6.101	6.321	6.507	6.670	6.814	6.944	7.057	7.164	7.262	7.354	
13	.05	3.055	3.735	4.151	4.453	4.690	4.885	5.049	5.192	5.318	5.431	5.532	5.625	5.710	5.789	
	.01	4.260	4.964	5.404	5.727	5.981	6.192	6.372	6.528	6.667	6.791	6.901	7.004	7.098	7.185	
14	.05	3.033	3.702	4.111	4.407	4.639	4.829	4.990	5.131	5.254	5.363	5.463	5.553	5.637	5.713	
	.01	4.210	4.895	5.322	5.634	5.881	6.085	6.258	6.409	6.543	6.664	6.770	6.869	6.960	7.044	
15	.05	3.014	3.674	4.076	4.367	4.595	4.782	4.940	5.077	5.198	5.306	5.403	5.492	5.574	5.649	
	.01	4.168	4.836	5.252	5.556	5.796	5.994	6.162	6.309	6.439	6.555	6.658	6.754	6.843	6.925	
16	.05	2.998	3.649	4.046	4.333	4.557	4.741	4.897	5.031	5.150	5.256	5.351	5.439	5.519	5.593	
	.01	4.131	4.786	5.192	5.489	5.722	5.915	6.079	6.222	6.348	6.462	6.563	6.655	6.742	6.821	
17	.05	2.984	3.628	4.020	4.303	4.524	4.705	4.858	4.991	5.108	5.212	5.306	5.392	5.471	5.544	
	.01	4.099	4.742	5.140	5.430	5.659	5.847	6.007	6.147	6.270	6.381	6.480	6.570	6.654	6.732	
18	.05	2.971	3.609	3.997	4.277	4.495	4.673	4.824	4.956	5.071	5.173	5.266	5.351	5.428	5.500	
	.01	4.071	4.703	5.094	5.379	5.603	5.788	5.944	6.081	6.201	6.310	6.406	6.494	6.577	6.653	
19	.05	2.960	3.593	3.977	4.253	4.469	4.645	4.794	4.924	5.038	5.139	5.230	5.314	5.391	5.462	
	.01	4.046	4.670	5.054	5.334	5.554	5.735	5.889	6.022	6.141	6.247	6.341	6.428	6.508	6.583	
20	.05	2.950	3.578	3.958	4.232	4.445	4.620	4.768	4.896	5.008	5.108	5.199	5.281	5.357	5.427	
	.01	4.024	4.639	5.018	5.294	5.510	5.688	5.839	5.970	6.087	6.190	6.284	6.368	6.447	6.521	
24	.05	2.919	3.532	3.901	4.166	4.373	4.541	4.684	4.807	4.915	5.011	5.099	5.178	5.251	5.318	
	.01	3.956	4.546	4.907	5.168	5.374	5.542	5.685	5.809	5.919	6.017	6.105	6.186	6.259	6.328	
30	.05	2.888	3.486	3.845	4.102	4.302	4.464	4.602	4.720	4.824	4.917	5.000	5.077	5.146	5.211	
	.01	3.889	4.455	4.799	5.048	5.242	5.401	5.536	5.653	5.756	5.848	5.931	6.007	6.077	6.141	
40	.05	2.858	3.442	3.791	4.039	4.232	4.389	4.521	4.635	4.735	4.824	4.904	4.976	5.043	5.105	
	.01	3.825	4.367	4.696	4.931	5.114	5.265	5.392	5.502	5.599	5.685	5.763	5.835	5.900	5.960	
60	.05	2.829	3.399	3.737	3.977	4.163	4.314	4.441	4.550	4.646	4.731	4.808	4.878	4.942	5.001	
	.01	3.762	4.282	4.595	4.818	4.991	5.133	5.253	5.356	5.447	5.527	5.600	5.667	5.728	5.785	
80	.05	2.814	3.377	3.711	3.947	4.129	4.277	4.401	4.509	4.603	4.686	4.761	4.829	4.892	4.949	
	.01	3.732	4.241	4.545	4.763	4.932	5.069	5.183	5.283	5.371	5.450	5.521	5.585	5.644	5.699	
100	.05	2.806	3.364	3.695	3.929	4.109	4.255	4.378	4.484	4.577	4.659	4.733	4.800	4.862	4.918	
	.01	3.714	4.216	4.516	4.730	4.896	5.031	5.143	5.241	5.328	5.404	5.474	5.536	5.594	5.647	
120	.05	2.800	3.356	3.684	3.917	4.096	4.241	4.363	4.467	4.559	4.641	4.714	4.781	4.842	4.898	
	.01	3.702	4.200	4.497	4.709	4.872	5.005	5.118	5.214	5.299	5.374	5.442	5.504	5.561	5.613	
10 ³	.05	2.771	3.313	3.632	3.857	4.029	4.169	4.285	4.386	4.473	4.551	4.621	4.684	4.742	4.795	
	.01	3.638	4.116	4.399	4.599	4.753	4.879	4.984	5.074	5.153	5.223	5.287	5.344	5.397	5.445	
∞	.05	2.772	3.314	3.633	3.858	4.030	4.170	4.286	4.387	4.474	4.552	4.622	4.685	4.743	4.796	
	.01	3.643	4.120	4.403	4.603	4.757	4.882	4.987	5.078	5.157	5.227	5.291	5.348	5.401	5.449	