

Kruskal tests for EC by joint R by Age

Kruskal-Wallis test for EC for shoulder by Age_new

Table 1: Kruskal-Wallis test for EC shoulder Age_new

statistic	p.value	parameter	method
31.45583	0.0000001477249	2	Kruskal-Wallis rank sum test

Table 2: Posthoc test for shoulder by Age

group1	group2	p.value
Mature	Adult	0.000026453894
Senile	Adult	0.000009109725
Senile	Mature	0.049623583156

Table 3: Effect size for shoulder by Age

.y.	group1	group2	effsize	n1	n2	magnitude
EC	Adult	Mature	0.4545858	49	43	moderate
EC	Adult	Senile	0.5755352	49	17	large
EC	Mature	Senile	0.2545078	43	17	small

Kruskal-Wallis test for EC for elbow by Age_new

Table 4: Kruskal-Wallis test for EC females by Age_new

statistic	p.value	parameter	method
21.4842 1	0.00002 161539	2	Kruskal- Wallis rank sum test

Table 5: Posthoc test for elbow by Age

group1	group2	p.value
Mature	Adult	0.00033 40995
Senile	Adult	0.00387 39417
Senile	Mature	0.04332 96775

Table 6: Effect size for elbow by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.59825 65	24	18	large
EC	Adult	Senile	0.59202 58	24	4	large
EC	Mature	Senile	0.43994 13	18	4	moderat e

Kruskal-Wallis test for EC for forearm by Age_new

Table 7: Kruskal-Wallis test for EC forearm Age_new

statistic	p.value	parameter	method
28.0966 6	0.00000 0792295 3	2	Kruskal- Wallis rank sum test

Table 8: Posthoc test for forearm by Age

group1	group2	p.value
Mature	Adult	0.00122 0366445
Senile	Adult	0.00000 3979164
Senile	Mature	0.01002 3045572

Table 9: Effect size for forearm by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.34305 37	55	45	moderat e
EC	Adult	Senile	0.55537 03	55	21	large
EC	Mature	Senile	0.31781 90	45	21	moderat e

Kruskal-Wallis test for EC for hip by Age_new

Table 10: Kruskal-Wallis test for EC hip by Age_new

statistic	p.value	paramet er	method
53.8094	0.00000 0000002 067459	2	Kruskal- Wallis rank sum test

Table 11: Posthoc test for hip by Age

group1	group2	p.value
Mature	Adult	0.00000 0832243 2514
Senile	Adult	0.00000 0000595 9404
Senile	Mature	0.00007 0363272 6861

Table 12: Effect size for hip by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.45475 81	64	60	moderat e
EC	Adult	Senile	0.66377 31	64	28	large
EC	Mature	Senile	0.42422 65	60	28	moderat e

Kruskal-Wallis test for EC for knee by Age_new

Table 13: Kruskal-Wallis test for EC knee Age_new

statistic	p.value	paramet er	method
20.6965 7	0.00003 204775	2	Kruskal- Wallis rank sum test

Table 14: Posthoc test for knee by Age

group1	group2	p.value
Mature	Adult	0.00006 565791
Senile	Adult	0.00193 528161
Senile	Mature	0.48055 241542

Table 15: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.63448 60	20	25	large
EC	Adult	Senile	0.58679 46	20	12	large
EC	Mature	Senile	0.11866 64	25	12	small

Kruskal-Wallis test for EC

Table 16: Kruskal-Wallis test for EC foot by Age_new

statistic	p.value	paramet er	method
30.8272 7	0.00000 0202275 3	2	Kruskal- Wallis rank sum test

Table 17: Posthoc test for foot by Age

group1	group2	p.value
Mature	Adult	0.00000 8322734
Senile	Adult	0.00003 6134124
Senile	Mature	0.03997 9198884

Table 18: Effect size for foot by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.66423 28	28	22	large
EC	Adult	Senile	0.66367 39	28	14	large
EC	Mature	Senile	0.34508 80	22	14	moderat e

Table 19: *Kruskal-Wallis for the EC scores of all functional areas by Age*

statistic	p.value	paramet er	method
31.4558 3	0.00000 0147724 911888	2	Kruskal- Wallis rank sum test
21.4842 1	0.00002 1615388 217762	2	Kruskal- Wallis rank sum test
28.0966 6	0.00000 0792295 281355	2	Kruskal- Wallis rank sum test
53.8094 0	0.00000 0000002 067459	2	Kruskal- Wallis rank sum test
20.6965 7	0.00003 2047753 861166	2	Kruskal- Wallis rank sum test
30.8272 7	0.00000 0202275 266116	2	Kruskal- Wallis rank sum test