

Wilcoxon tests for EC by joint R by Sex, Loc, LD

Wilcoxon test for EC for shoulder by Sex

Table 1: Wilcoxon test for EC shoulder Sex

statistic	p.value	method	alternati ve
709.5	0.00009 80311	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 2: Effect size for shoulder by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.37342 19	36	73	moderat e

Wilcoxon test for EC for elbow by Sex

Table 3: Wilcoxon test for EC by Sex

statistic	p.value	method	alternati ve
128.5	0.17305 9	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 4: Effect size for elbow by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
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.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.20285 03	10	36	small

Wilcoxon test for EC for forearm by Sex

Table 5: Wilcoxon test for EC forearm Sex

statistic	p.value	method	alternati ve
1,202.5	0.02075 966	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 6: Effect size for forearm by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.21046 36	40	81	small

Wilcoxon test for EC for hip by Sex

Table 7: Wilcoxon test for EC hip by Sex

statistic	p.value	method	alternati ve
2,271	0.08103 721	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 8: Effect size for hip by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.14166 95	58	94	small

Wilcoxon test for EC for knee by Sex

Table 9: Wilcoxon test for EC knee Sex

statistic	p.value	method	alternati ve
250.5	0.03431 772	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 10: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.28141 68	21	36	small

Wilcoxon test for EC for foot by Sex

Table 11: Wilcoxon test for EC foot by Sex

statistic	p.value	method	alternati ve
379	0.60140 55	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 12: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.06624 39	18	46	small

Wilcoxon test for EC for shoulder by Location

Table 13: Wilcoxon test for EC shoulder Location

statistic	p.value	method	alternati ve
854.5	0.01730 555	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 14: Effect size for shoulder by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.22829 91	78	31	small

Wilcoxon_Loc test for EC for elbow by Location

Table 15: Wilcoxon test for EC by Location

statistic	p.value	method	alternati ve
135	0.05320 052	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 16: Effect size for elbow by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.20285 03	10	36	small

Wilcoxon test for EC for forearm by Location

Table 17: Wilcoxon test for EC forearm Location

statistic	p.value	method	alternati ve
1,040	0.03414 455	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 18: Effect size for forearm by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.19284 98	90	31	small

Wilcoxon test for EC for hip by Location

Table 19: Wilcoxon test for EC hip by Location

statistic	p.value	method	alternati ve
1,640.5	0.04992 416	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 20: Effect size for hip by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.15920 46	116	36	small

Wilcoxon test for EC for knee by Location

Table 21: Wilcoxon test for EC knee Location

statistic	p.value	method	alternati ve
203	0.00363 9169	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 22: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.38625 84	36	21	moderat e

Wilcoxon test for EC for foot by Location

Table 23: Wilcoxon test for EC foot by Location

statistic	p.value	method	alternati ve
396.5	0.42941 25	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 24: Effect size for foot by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.09968 087	43	21	small

Wilcoxon test for EC for shoulder by Layer_dual

Table 25: Wilcoxon test for EC shoulder Layer_dual

statistic	p.value	method	alternati ve
1,452.5	0.86020 62	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 26: Effect size for shoulder by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.01715 928	52	57	small

Wilcoxon test for EC for elbow by Layer_dual

Table 27: Wilcoxon test for EC by Layer_dual

statistic	p.value	method	alternati ve
218.5	0.36211 6	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 28: Effect size for elbow by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.13600 85	26	20	small

Wilcoxon test for EC for forearm by Layer_dual

Table 29: Wilcoxon test for EC forearm Layer_dual

statistic	p.value	method	alternati ve
1,836	0.95207 8	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 30: Effect size for forearm by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.00570 0945	57	64	small

Wilcoxon test for EC for hip by Layer_dual

Table 31: Wilcoxon test for EC hip by Layer_dual

statistic	p.value	method	alternati ve
2,826	0.93713 24	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 32: Effect size for hip by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.00654 9897	67	85	small

Wilcoxon test for EC for knee by Layer_dual

Table 33: Wilcoxon test for EC knee Layer_dual

statistic	p.value	method	alternati ve
397.5	0.89764 86	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 34: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.01810 263	29	28	small

Wilcoxon test for EC

Table 35: Wilcoxon test for EC foot by Layer_dual

statistic	p.value	method	alternati ve
394.5	0.11251 75	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 36: Effect size for foot by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.19922 37	33	31	small

Table 37: Wilcoxon tests for the EC scores of all functional areas by Sex, Location and Layer_dual

statistic	p.value	method	alternati ve
709.5	0.00009 80311	Wilcoxo n rank sum test with continuit y correctio n	two.side d
128.5	0.17305 90367	Wilcoxo n rank sum test with continuit y correctio n	two.side d
1,202.5	0.02075 96609	Wilcoxo n rank sum test with continuit y correctio n	two.side d
2,271.0	0.08103 72074	Wilcoxo n rank sum test with continuit y correctio n	two.side d

statistic	p.value	method	alternati ve
250.5	0.03431 77185	Wilcoxo n rank sum test with continuit y correctio n	two.side d
379.0	0.60140 54508	Wilcoxo n rank sum test with continuit y correctio n	two.side d
854.5	0.01730 55511	Wilcoxo n rank sum test with continuit y correctio n	two.side d
135.0	0.05320 05205	Wilcoxo n rank sum test with continuit y correctio n	two.side d
1,040.0	0.03414 45488	Wilcoxo n rank sum test with continuit y correctio n	two.side d

statistic	p.value	method	alternati ve
1,640.5	0.04992 41592	Wilcoxo n rank sum test with continuit y correctio n	two.side d
203.0	0.00363 91691	Wilcoxo n rank sum test with continuit y correctio n	two.side d
396.5	0.42941 24557	Wilcoxo n rank sum test with continuit y correctio n	two.side d
1,452.5	0.86020 61697	Wilcoxo n rank sum test with continuit y correctio n	two.side d
218.5	0.36211 59878	Wilcoxo n rank sum test with continuit y correctio n	two.side d

statistic	p.value	method	alternati ve
1,836.0	0.95207 80086	Wilcoxo n rank sum test with continuit y correctio n	two.side d
2,826.0	0.93713 23797	Wilcoxo n rank sum test with continuit y correctio n	two.side d
397.5	0.89764 85679	Wilcoxo n rank sum test with continuit y correctio n	two.side d
394.5	0.11251 74554	Wilcoxo n rank sum test with continuit y correctio n	two.side d