

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

Wilcoxon test for EC for shoulder by Sex

Table 1: Wilcoxon test for EC shoulder Sex

statistic	p.value	method	alternati ve
143	0.00683 6536	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	0.38788 97	17	32	moderat e

Wilcoxon test for EC for elbow by Sex

Table 3: Wilcoxon test for EC by Sex

statistic	p.value	method	alternati ve
41	0.24974 21	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	0.24146 82	7	17	small

Wilcoxon test for EC for forearm by Sex

Table 5: Wilcoxon test for EC forearm Sex

statistic	p.value	method	alternati ve
314	0.62263 61	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	0.06756 364	19	36	small

Wilcoxon test for EC for hip by Sex

Table 7: Wilcoxon test for EC hip by Sex

statistic	p.value	method	alternati ve
416.5	0.36656 13	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	0.11376 24	24	40	small

Wilcoxon test for EC for knee by Sex

Table 9: Wilcoxon test for EC knee Sex

statistic	p.value	method	alternati ve
31.5	0.27662 77	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	0.25227 76	7	13	small

Wilcoxon test for EC for foot by Sex

Table 11: Wilcoxon test for EC foot by Sex

statistic	p.value	method	alternati ve
43.5	0.05686 113	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	0.36489 19	8	20	moderat e

Wilcoxon test for EC for shoulder by Location

Table 13: Wilcoxon test for EC shoulder Location

statistic	p.value	method	alternati ve
119	0.22771 92	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	0.17425 83	41	8	small

Wilcoxon_Loc test for EC for elbow by Location

Table 15: Wilcoxon test for EC by Location

statistic	p.value	method	alternati ve
28	0.36979 86	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	0.24146 82	7	17	small

Wilcoxon test for EC for forearm by Location

Table 17: Wilcoxon test for EC forearm Location

statistic	p.value	method	alternati ve
140.5	0.06384 445	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	0.25138 16	45	10	small

Wilcoxon test for EC for hip by Location

Table 19: Wilcoxon test for EC hip by Location

statistic	p.value	method	alternati ve
266	0.64566 93	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	0.05862 282	53	11	small

Wilcoxon test for EC for knee by Location

Table 21: Wilcoxon test for EC knee Location

statistic	p.value	method	alternati ve
35.5	0.77313 09	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	0.07520 546	16	4	small

Wilcoxon test for EC for foot by Location

Table 23: Wilcoxon test for EC foot by Location

statistic	p.value	method	alternati ve
91.5	0.14539 07	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	0.28066 26	22	6	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
312.5	0.79410 72	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	0.03871 695	26	23	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
64	1	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	16	8	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
411	0.544061	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	0.08295736	30	25	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
606.5	0.1819361	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
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.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.16772 12	30	34	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
63.5	0.23923 28	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	0.27193 64	12	8	small

Wilcoxon test for EC

Table 35: Wilcoxon test for EC foot by Layer_dual

statistic	p.value	method	alternati ve
111.5	0.39183	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	0.16644 97	17	11	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
143.0	0.00683 6536	Wilcoxo n rank sum test with continuit y correctio n	two.side d
41.0	0.24974 2060	Wilcoxo n rank sum test with continuit y correctio n	two.side d
314.0	0.62263 6099	Wilcoxo n rank sum test with continuit y correctio n	two.side d
416.5	0.36656 1256	Wilcoxo n rank sum test with continuit y correctio n	two.side d

statistic	p.value	method	alternati ve
31.5	0.27662 7746	Wilcoxo n rank sum test with continuit y correctio n	two.side d
43.5	0.05686 1133	Wilcoxo n rank sum test with continuit y correctio n	two.side d
119.0	0.22771 9223	Wilcoxo n rank sum test with continuit y correctio n	two.side d
28.0	0.36979 8607	Wilcoxo n rank sum test with continuit y correctio n	two.side d
140.5	0.06384 4447	Wilcoxo n rank sum test with continuit y correctio n	two.side d

statistic	p.value	method	alternati ve
266.0	0.64566 9255	Wilcoxo n rank sum test with continuit y correctio n	two.side d
35.5	0.77313 0857	Wilcoxo n rank sum test with continuit y correctio n	two.side d
91.5	0.14539 0735	Wilcoxo n rank sum test with continuit y correctio n	two.side d
312.5	0.79410 7220	Wilcoxo n rank sum test with continuit y correctio n	two.side d
64.0	1.00000 0000	Wilcoxo n rank sum test with continuit y correctio n	two.side d

statistic	p.value	method	alternati ve
411.0	0.54406 1037	Wilcoxo n rank sum test with continuit y correctio n	two.side d
606.5	0.18193 6056	Wilcoxo n rank sum test with continuit y correctio n	two.side d
63.5	0.23923 2835	Wilcoxo n rank sum test with continuit y correctio n	two.side d
111.5	0.39183 0044	Wilcoxo n rank sum test with continuit y correctio n	two.side d