

Appendix A

Table 1. Summary Statistics and Wilcoxon Rank Sum Test for Four-second Summed Distance in Collaborative Condition Using Pearson R Correlation

Body Region	Synchrony	Pseudosynchrony	Wilcox.test
Head ($n = 38$)	$M = 0.040, SD = 0.151$	$M = 0.009, SD = 0.138$	$W = 826, p = 0.284$
Left Hand ($n = 31$)	$M = -0.061, SD = 0.184$	$M = 0.042, SD = 0.140$	$W = 276, p = 0.004$
Right Hand ($n = 33$)	$M = -0.044, SD = 0.198$	$M = 0.006, SD = 0.111$	$W = 400, p = 0.065$
Total ($n = 31$)	$M = -0.064, SD = 0.187$	$M = 0.023, SD = 0.130$	$W = 308, p = 0.015$

Table 2. Summary Statistics and Wilcoxon Rank Sum Test for Four-second Summed Distance in Competitive Condition Using Pearson R Correlation

Body Region	Synchrony	Pseudosynchrony	Wilcox.test
Head ($n = 38$)	$M = 0.035, SD = 0.196$	$M = 0.061, SD = 0.141$	$W = 632, p = 0.355$
Left Hand ($n = 36$)	$M = -0.049, SD = 0.140$	$M = -0.013, SD = 0.121$	$W = 506, p = 0.111$
Right Hand ($n = 35$)	$M = -0.063, SD = 0.197$	$M = -0.006, SD = 0.173$	$W = 530, p = 0.338$
Total ($n = 34$)	$M = -0.070, SD = 0.189$	$M = -0.004, SD = 0.156$	$W = 478, p = 0.224$

Table 3. Summary Statistics and Wilcoxon Rank Sum Test for Absolute Values of Four-second Summed Distance in Collaborative Condition Using Spearman R Correlation

Body Region	Synchrony	Pseudosynchrony	Wilcox.test
Head ($n = 38$)	$M = 0.116, SD = 0.085$	$M = 0.102, SD = 0.066$	$W = 774, p = 0.595$
Left Hand ($n = 31$)	$M = 0.150, SD = 0.123$	$M = 0.119, SD = 0.073$	$W = 515, p = 0.635$
Right Hand ($n = 33$)	$M = 0.169, SD = 0.115$	$M = 0.099, SD = 0.077$	$W = 745, p = 0.010$
Total ($n = 31$)	$M = 0.164, SD = 0.125$	$M = 0.105, SD = 0.075$	$W = 610, p = 0.069$

Table 4. Summary Statistics and Wilcoxon Rank Sum Test for Absolute Values of Four-second Summed Distance in Competitive Condition Using Spearman R Correlation

Body Region	Synchrony	Pseudosynchrony	Wilcox.test
Head ($n = 38$)	$M = 0.145, SD = 0.123$	$M = 0.111, SD = 0.090$	$W = 825.5, p = 0.285$
Left Hand ($n = 36$)	$M = 0.156, SD = 0.119$	$M = 0.105, SD = 0.098$	$W = 835, p = 0.035$
Right Hand ($n = 35$)	$M = 0.208, SD = 0.167$	$M = 0.141, SD = 0.116$	$W = 747, p = 0.116$
Total ($n = 34$)	$M = 0.196, SD = 0.154$	$M = 0.128, SD = 0.112$	$W = 736, p = 0.053$