

Table S1. Descriptive results of the response times ($M \pm SE$) and accuracies ($M \pm SE$) in Experiment 1

	Handshake		Reversed-hand	
	RT (ms)	Accuracy	RT (ms)	Accuracy
Valid trials	624 \pm 22	0.969 \pm 0.007	624 \pm 23	0.972 \pm 0.006
Invalid horizontal-hand trials	815 \pm 25	0.961 \pm 0.010	856 \pm 30	0.946 \pm 0.014
Invalid vertical-hand trials	881 \pm 26	0.944 \pm 0.015	859 \pm 25	0.971 \pm 0.009
Invalid diagonal-hand trials	932 \pm 23	0.952 \pm 0.012	960 \pm 25	0.940 \pm 0.013

Table S2. Descriptive results of the response times ($M \pm SE$) and accuracies ($M \pm SE$) in Experiment 2

	Handshake		Reversed-hand	
	RT (ms)	Accuracy	RT (ms)	Accuracy
Valid trials	640 \pm 13	0.975 \pm 0.007	647 \pm 14	0.979 \pm 0.005
Invalid horizontal-hand trials	844 \pm 17	0.938 \pm 0.014	861 \pm 18	0.945 \pm 0.015
Invalid vertical-hand trials	855 \pm 15	0.947 \pm 0.013	860 \pm 18	0.969 \pm 0.009
Invalid diagonal-hand trials	967 \pm 25	0.943 \pm 0.014	992 \pm 22	0.950 \pm 0.012

Table S3. Descriptive results of the response times ($M \pm SE$) and accuracies ($M \pm SE$) in Experiment S1a and Experiment S1b with only the handshake condition

	Experiment S1a		Experiment S2b	
	RT (ms)	Accuracy	RT (ms)	Accuracy
Valid trials	590 \pm 21	0.976 \pm 0.005	646 \pm 22	0.975 \pm 0.005
Invalid horizontal-hand trials	778 \pm 24	0.943 \pm 0.016	794 \pm 21	0.936 \pm 0.020
Invalid vertical-hand trials	802 \pm 21	0.956 \pm 0.012	797 \pm 27	0.937 \pm 0.016
Invalid diagonal-hand trials	899 \pm 22	0.934 \pm 0.015	841 \pm 26	0.945 \pm 0.011

Table S4. Descriptive results of the response times ($M \pm SE$) and accuracies ($M \pm SE$) in Experiment S2

	Handshake		Reversed-handshake	
	RT (ms)	Accuracy	RT (ms)	Accuracy
Valid trials	666 \pm 23	0.975 \pm 0.005	664 \pm 22	0.980 \pm 0.003
Invalid horizontal-hand trials	784 \pm 22	0.934 \pm 0.012	810 \pm 24	0.958 \pm 0.012
Invalid vertical-hand trials	807 \pm 24	0.948 \pm 0.011	802 \pm 24	0.958 \pm 0.011
Invalid diagonal-hand trials	857 \pm 31	0.958 \pm 0.010	868 \pm 30	0.960 \pm 0.011

Table S5. Descriptive results of the response times ($M \pm SE$) and accuracies ($M \pm SE$) in Experiment S3

	Handshake		Reversed-hand	
	RT (ms)	Accuracy	RT (ms)	Accuracy
Valid trials	646 \pm 20	0.959 \pm 0.008	645 \pm 21	0.952 \pm 0.009
Invalid horizontal-hand trials	787 \pm 24	0.922 \pm 0.028	790 \pm 29	0.914 \pm 0.018
Invalid vertical-hand trials	827 \pm 27	0.911 \pm 0.015	862 \pm 28	0.939 \pm 0.014
Invalid diagonal-hand trials	885 \pm 33	0.920 \pm 0.016	869 \pm 29	0.928 \pm 0.015