

Supplemental Table 2: Pearson product moment correlation coefficients for relationships between TMS-evoked IPC and ipsilateral cortical silent period measures versus measures of clinical function in participants post-stroke.

Condition	UE-FM	p	Grip Strength	p	WMFT	p	NHPT Rate	p
<i>Post TMS-evoked coherence</i>								
Active iM1	-.74*	.0002	-.68*	.0009	-.61*	.0045	-.44	.1100
Active cM1	.15	.5400	0.52*	.022	.11	.6540	-0.35	.2410
<i>Pre TMS-evoked coherence</i>								
Active iM1	-.53*	.0195	-.43	.0661	-.40	.0897	-.02	.9372
Active cM1	.26	.2974	.47	.0510	.19	.4502	.07	.7825
<i>Ipsilateral Silent Period Duration</i>								
Active iM1	-.02	.94	.22	.41	.14	.60	-.45	.11
Active cM1	-.19	.52	-.31	.29	-.26	.31	-.62*	.03

*Active iM1: condition of TMS delivery to ipsilesional M1 during nonparetic APB muscle contraction; Active cM1: condition of TMS delivery to contralesional M1 during paretic APB muscle contraction. * denotes significant relationship ($p < 0.05$).*