

**Supplementary Table S3.** T test results on hyperbrain connectivity measures. Statistical results of independent samples t-tests assessing the six functional connectivity measures of the hyperbrain connectivity matrices from the two different types of paired sessions (MATCHED vs. UNMATCHED). From left to right: type of functional connectivity measures, mean and standard deviation of functional connectivity measures for the MATCHED and UNMATCHED skill level groups, t- test value, degrees of freedom, p value, Cohen's d value for independent samples.

<b>Functional connectivity measures</b>	<b>MATCHED</b>	<b>UNMATCHED</b>	<b>t</b>	<b>df</b>	<b>p</b>	<b>Cohen d</b>
<b>G</b>	0.414 ± 0.081	0.478 ± 0.113	0.835	5	0.442	0.631
<b>C</b>	0.350 ± 0.183	0.307 ± 0.179	0.319	5	0.762	0.238
<b>SW</b>	0.139 ± 0.061	0.145 ± 0.092	0.091	5	0.931	0.074
<b>D</b>	0.228 ± 0.009	0.243 ± 0.011	1.905	5	0.115	1.464
<b>IIR</b>	0.687 ± 0.562	0.385 ± 0.078	1.093	5	0.324	0.838