

Node accessibility in cortical networks during motor tasks (Supplementary material)

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Table 2 reports the correlations (Spearman's rank correlation index $|\tau|$) between all the topological measures used in this study. Each value was obtained as the correlation between the topological parameters of each node, averaged over all subjects, conditions and frequencies. No significant differences were found between the correlation tables of conditions or frequencies.

	a	BC	EC	IC	PR	P	SPL	S	CC
a		0.6132	0.8680	0.8208	0.8537	0.0837	0.4982	0.7712	0.0601
BC			0.4993	0.5168	0.5797	0.0345	0.3902	0.5086	0.2528
EC				0.8088	0.7487	0.0708	0.4950	0.7300	0.1677
IC					0.7313	0.0756	0.5580	0.7243	0.1172
PR						0.1064	0.4414	0.8741	0.0245
P							0.0074	0.1004	0.0275
SPL								0.4136	0.1497
S									0.0608

Table 2 Correlation between different topological indices: accessibility (**a**), betweenness centrality (**BC**), eigenvector centrality (**EC**), information centrality (**IC**), pagerank (**PR**), power of cortical oscillations (**P**), shortest path length (**SPL**), strength (**S**), and clustering index (**CC**). Non-significant correlation values ($p \geq 0.01$) are indicated by the gray cells.