



**B**

FC + Brain-wide local dynamics

Balanced Accuracy (%)

Pearson	71.6	65.8	58.7
DI	67.9	66.3	57.4
DTW	66.8	67.6	56.9
$\Phi^*$	64.6	67.3	59.4
cointegration	68.2	60.2	55.9
power_envelope_corr	65.4	63.7	55.2
barycenter_DTW	66.1	57.8	56.2
coherence_magnitude	65.4	59.8	54.5
PSI_frequency	64	59.7	55.9
PSI_time_frequency	62.4	60.5	53.9
transfer_entropy	62.9	57.6	56.1
ANM	64.7	57.4	54.2
spectral_GC	59.2	55	52.8
PLI	56.8	51.6	53.9
	SCZ	BP	ASD
	Disorder		

