



S4 Fig. Simultaneous effect of α , β and r_0 in network features.

A) Global efficiency E^w (integration) and modularity Q^w (segregation) of the graphs derived from the sFCs of the BOLD-like signals. **B)** Transitions in the direction of α axis, for a fixed $r_0 = 0.5 \text{ mV}^{-1}$. **C)** Transitions in the direction of r_0 axis, for a fixed $\alpha = 0.5$. Dashed lines represent critical transitions. Both coupling parameters change in parallel following the relationship $\beta = 0.5\alpha$.