

Supplementary materials 2: The illustration of area under curve (AUC) for network metrics. The AUC for a network metric Y which was calculated over the sparsity threshold range of S_1 to S_n with interval of ΔS , was computed as $Y^{AUC} = \sum_{k=1}^{n-1} [Y(S_k) + Y(S_{k+1})] \times \Delta S / 2$. In the current study, $S_1 = 0.10$, $S_n = 0.34$ and $\Delta S = 0.01$ (Figure S1).

