



Fig. S10. Group comparisons of average connectivity matrices based on partial correlation coefficients. (A): Average connectivity of the TBI group. (B): Average connectivity of the control group. (C): Histogram for Z-statistics of group comparisons on average connectivity. (D) Thresholded Z-statistic map for group comparisons ( $p_{\text{NBS}} < 0.05$  at  $|Z| > 1.96$ ). Colorbars in (A) and (B) represent Fisher's Z-transformed correlation coefficients.