



Figure 7: Connection-wise excursion count matrices. (A) The number of times across all participants that a functional connection achieved a greater-than-expected level of functional connectivity, \mathbf{X}^+ . (B) A matrix similar to that shown in panel (A), but shows connections that achieved weaker-than-expected (more anti-correlated than expected) levels of functional connectivity, \mathbf{X}^- . The colored bars along the x and y axes indicate the intrinsic connectivity network to which each region was assigned. The network labels are taken from Yeo et al. (2011), with labels corresponding to networks for control (CONT), default mode (DMN), dorsal attention (DAN), limbic (LIM), ventral attention (VAN), somatomotor network (SMN), and visual (VIS). (C) and (D) Enlargement of panels (A) and (B) highlighting the connections within and between visual and somatomotor networks.