



S1 Fig. Regions of interest derived from the switch ocular motor task. The anti-saccade (AS) vs prosaccade (PS) contrasts were used to derive regions of interests (ROI). Significant regions of the main effect of **A. AS > PS network** and **B. AS < PS network** across both cohorts were parcellated into regions. DLPFC = dorsal lateral prefrontal cortex, FEF = frontal eye fields, SEF = supplementary eye fields,