Histogram and density plot for executive functions tasks (z-scored) Stop Signal Antisaccade Stroop 0.6 0.6 0.4 density 0.4 0.4 0.3 density 0.2 ^j density 0.2 j 0.2 0.1 0.0 0.0 -2 -2 -2 0 0 0 z-score z-score z-score Letter Memory Keep Track Dual n-back 0.6 0.4 0.4 0.4 density 0.2 j density 0.2₁ density 0.2 -2 <u>-2</u> 0 0 z-score z-score z-score **Category Switch** Color Shape **Number Letter** 0.6 0.4 0.6 density 0.4[,] 0.3 density density 6.0 0.2 0.2 0.1 0.0 0.0 <u>-</u>3 <u>-2</u> -3 <u>-2</u> <u>-2</u> 0 0 2 0 -1

z-score

z-score

z-score