

**Figure S13.** Mean number of eye movements in the stimulation period and standard errors of means across trials in the fixation, ipsiversive memory saccade, and contraversive memory saccade task in control (Fix, Meml, Mem-C) and stimulation trials (Fix + stim, Mem-I + stim, Mem-C + stim) for stimulation in dPul(a), dPul, vPul, LIPd-a, and LIPd-p. \* p < 0.05.