



**Figure S11.** Hit rates (proportion of successful trials) across all trials from all sessions combined in the fixation, ipsiversive memory saccade, and contraversive memory saccade task in control (Fix, Mem-I, and 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. \*  $p < 0.05$ .