Supplementary figure 1: The sensitivity of the decision threshold to the cortico-collicular (Cx-SC) efficacy in the absence of the basal ganglia. We compare the effect of changing Cx-SC synaptic efficacy on the threshold with (circle, from Fig. 5b of the main paper) and without (square) the basal ganglia. It is evident that the basal ganglia reduces the sensitivity of the decision threshold to the Cx-SC efficacy. However, even without the basal ganglia the range of cortical firing threshold is still fairly limited.