Figure S10: Effects of D1R stimulation on average delay activity adjusted for effects on baseline activity

Shown in blue (control) and red (low dose D1R agonist) are the average of normalized spatial activation curves from a population of 19 neurons. The delay activity of each cell in different spatial directions was expressed as a percentage of base-line activity in that condition (fixation period activity, when the subject had no spatial information). These baseline adjusted activities in the control and low dose condition were then averaged across cells. The average curves thus obtained were normalized to equalize activity in the preferred direction, so as to assess the change in width of the curve and plotted. The agonist treatment reduced the width of the tuning curve compared with the control trace, similar to what was demonstrated in Fig. 2A, where the curves were not adjusted to baseline firing.