S1 activity of all 1167 trials of 10 sessions. Pre-stimulus time points from -2.1 to -0.1.

A

mean_pre
P < 2e-01

variance_cell_rates
P < 2e-03

corr_pre
P < 5e-01

largest_PC_var
P < 8e-01

B P(Hit) as function of VCR per session (40-trial running mean used.)

C z scored logged VCR across 1167 trials

D S1 vs S2 variance_cell_rates
Pearson r = 0.58, P < 4e-104

E P(Hit) as a function of VCR and N_stim

F Occupancy as a function of VCR and N_stim