All-to-all network 0.100 0.003 0.075 Correlation strength (a.u. 0.002 Filter strength (a.u.) 0.050 0.001 0.025 0.000 0.000 -0.025-0.001 Ground-truth Jo. o Predicted J_{0,0} -0.050Inferred $J_{0.0}^{eff}$ w/ basis 0.002 -0.075 Inferred w/o basis Spike train correlation -0.1000.003 5.0 10.0 0.0 2.5 7.5

Time preceding spike (s)