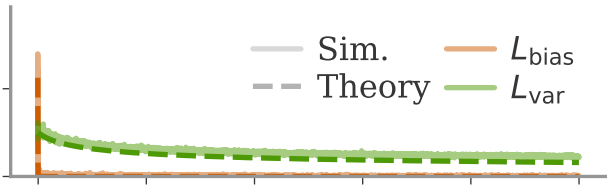
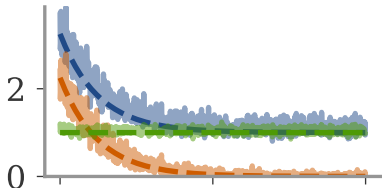


Fast learning,  $\eta = \eta_0/N$ Slow later learning,  $\eta = \eta_0$ 

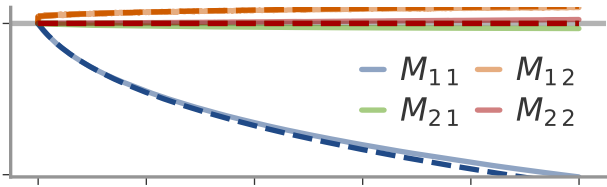
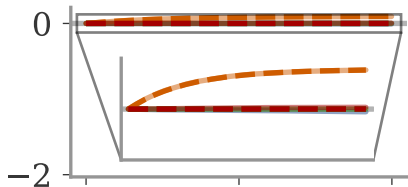
A

Loss

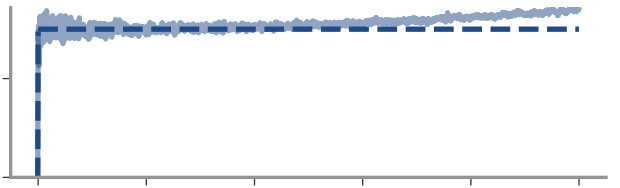
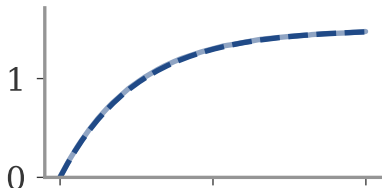


B

Coeffs



C

 $\|\Delta \bar{\mathbf{x}}\|$ Learning time  $\tau$ Learning time  $\tau$