MSE, Closed-form and GD, Ridge, deg:13 Closed-form Standard gradient descent,  $\eta = 0.0001$ 0.04 GD with momentum,  $\eta = 0.001$ , mom = 0.9 GD with ADAGrad,  $\eta = 0.1$ GD with RMSProp,  $\eta = 0.00001$ error GD with ADAM,  $\eta = 0.01$ 0.03 Mean squared 0.02 0.01

