Bias-Variance Decomposition for two λ : Ridge MSE $\lambda = 1E-06$ (opt) Bias² λ = 1E-06 (opt) 0.35 Variance $\lambda = 1E-06$ (opt) $\mathsf{MSE}\,\lambda = \mathsf{1E+00}$ Bias² $\lambda = 1E+00$ Variance $\lambda = 1E+00$ 0.30 0.25 0.20 Score 0.15 0.10 0.05 0.00 2.5 5.0 10.0 12.5 7.5 15.0 17.5 20.0 Polynomial degree