Kernel machine regression - syntethic data different X boundaries  $\rightarrow$  X  $\in$  (-2, 2)  $10^{4}$  $X \in (-1, 1)$ mean\_squared\_error 10<sup>3</sup>  $X \in (-0.2, 0.2)$ number of pixels  $10^{2}$  $10^{1}$ 10<sup>0</sup>  $10^{-1}$ 200 400 600 1000 800 Number of training examples N