

x: EX: Imput : hours spent studying y: E Y: Output: points on test J: X-> Y : Generation function: the truth  $\{(x_1, y_1), (x_2, y_2), \dots, (x_N, y_N)\} = : \mathbb{D} : data$ h:x->y:hypothesis set 0: porameters : trainable ho: x => y: ModeC: a specific choice from Ehs ho (x\*): Prediction

Generating Sunch'on J (unknown!) Final model hozf Hypothesis set Model 40 CalTech J