

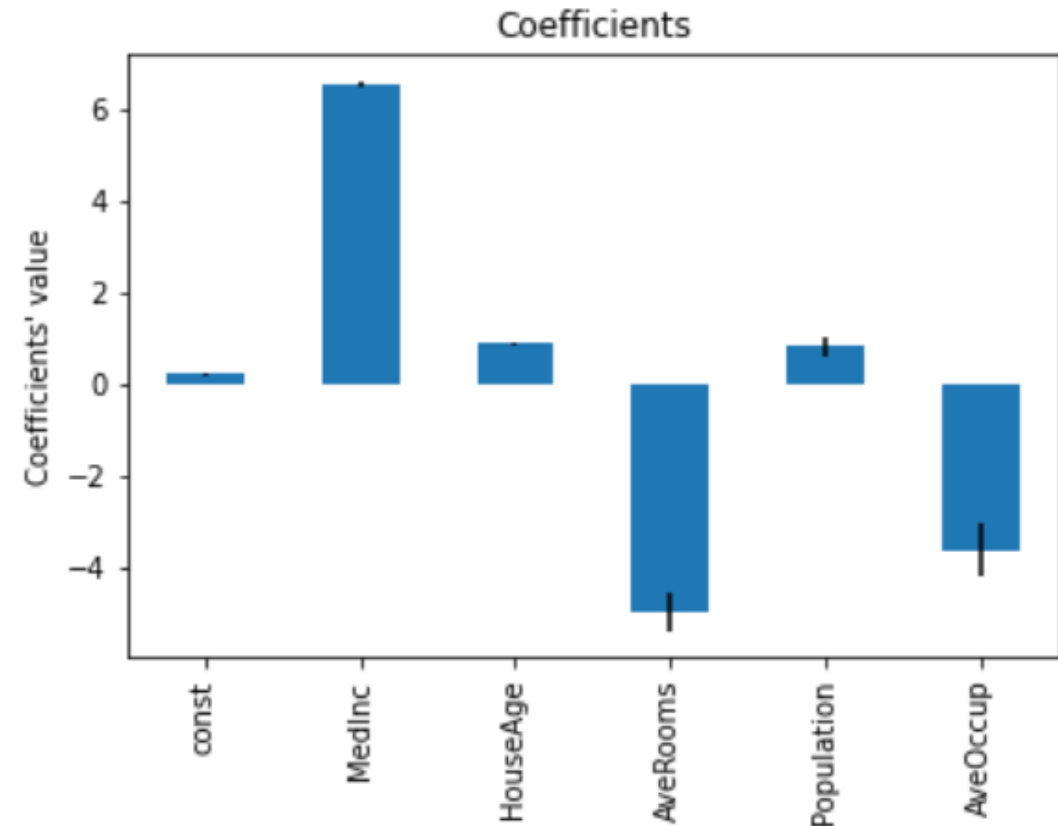


# Explaining bagged models

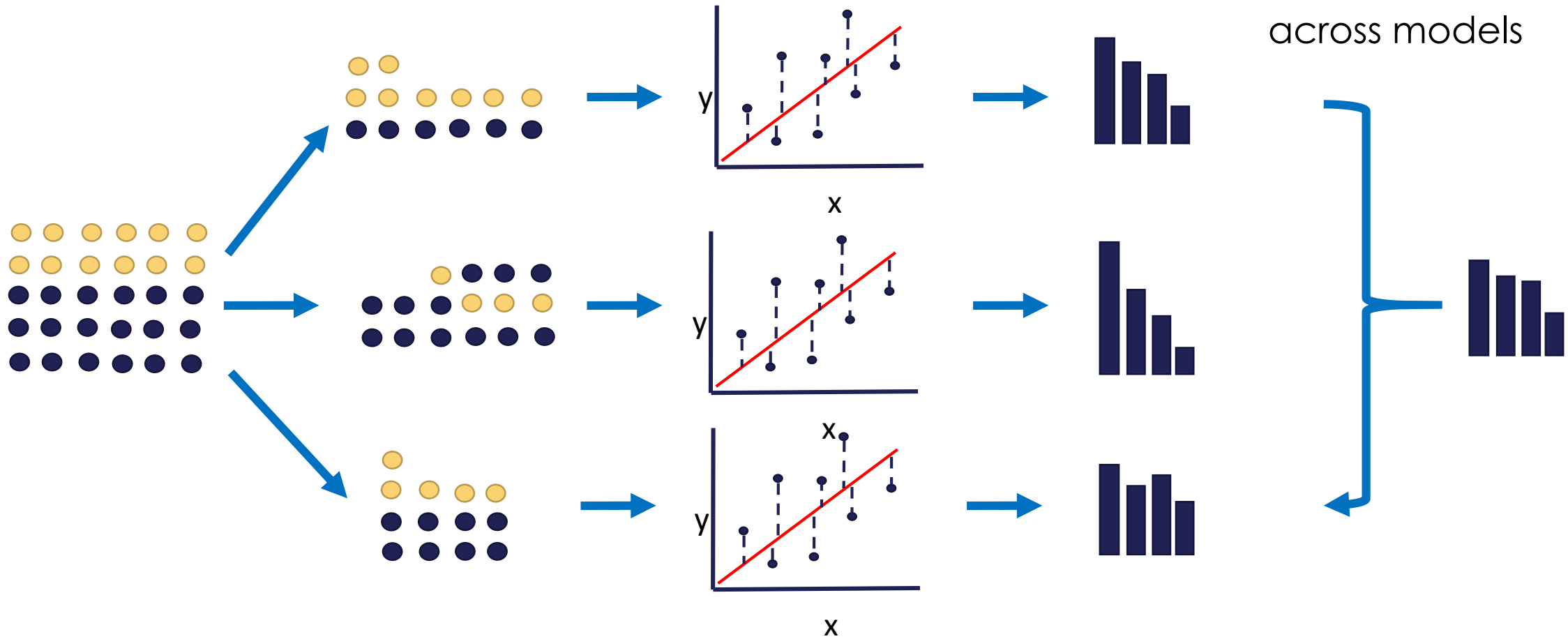


# Linear models → Coefficients

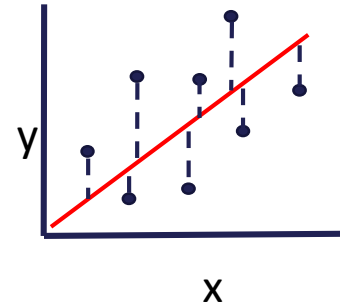
$$y_i = \beta_0 + \beta_1 x_{1i} + \beta_2 x_{2i} + \dots + \beta_n x_{ni} + \varepsilon_i$$



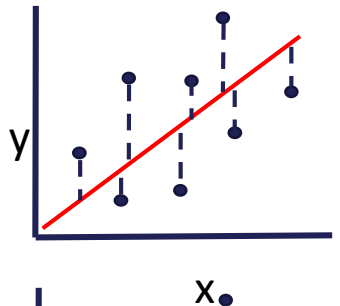
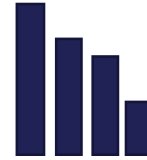
# Global explanation



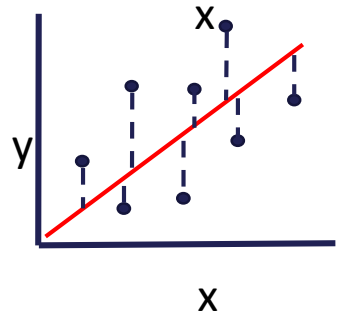
# Local explanation



*variables × coefficients*



*variables × coefficients*



*variables × coefficients*



Take the  
average of  
all models.



# THANK YOU

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