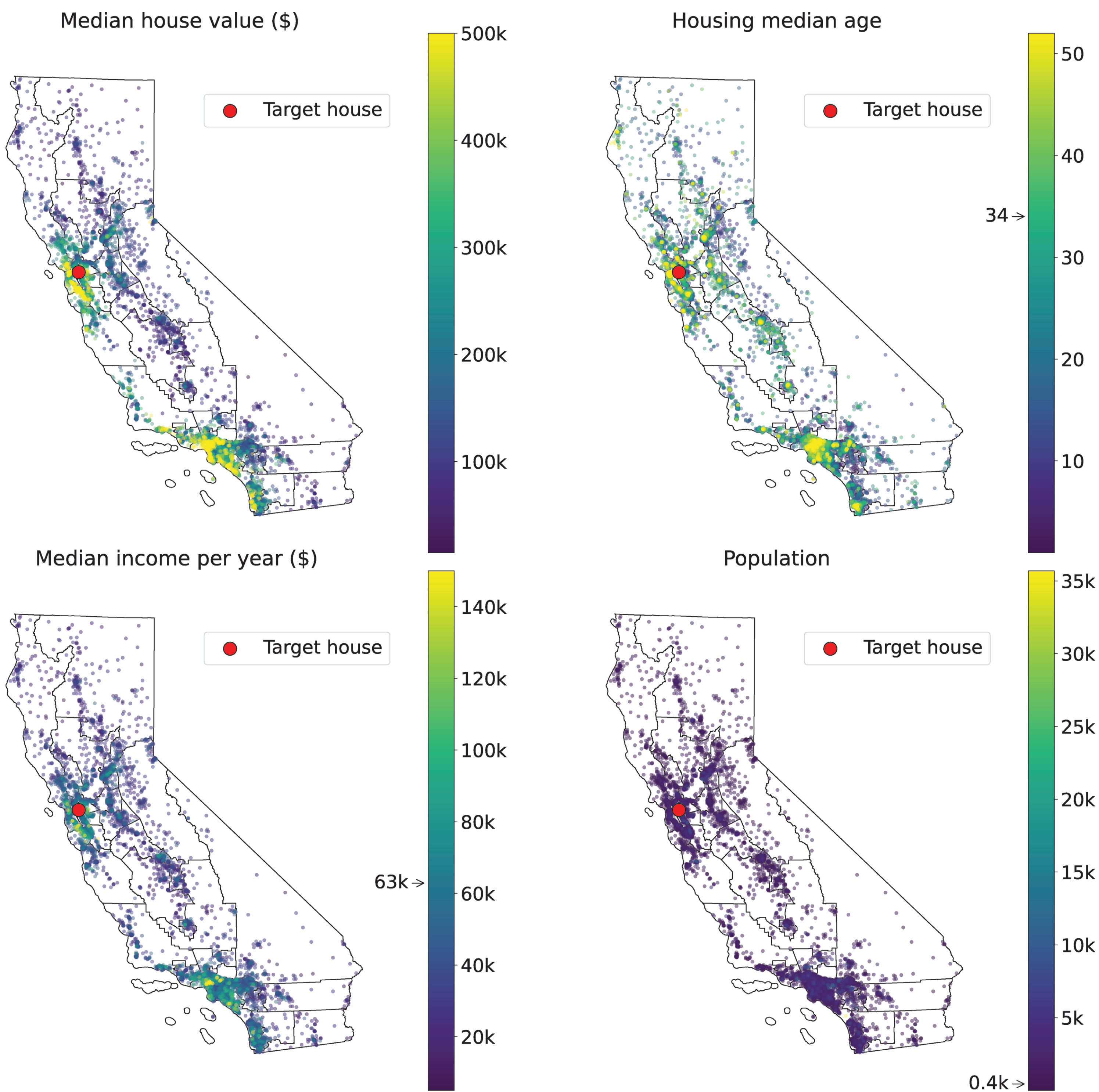


# CONTEXT VIEW: House features

Apollostreet

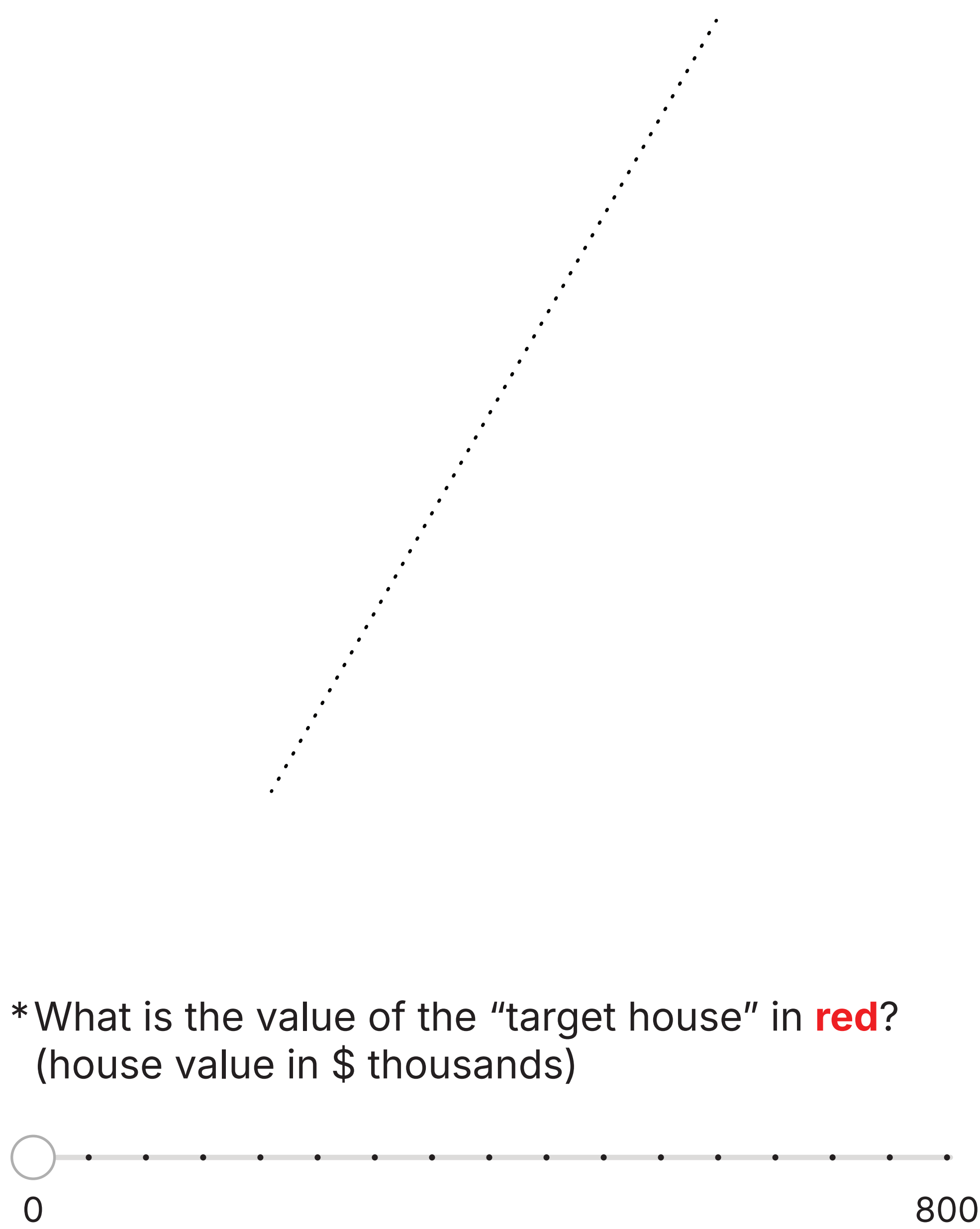


## Data attribute description

- Median house value (\$):** median house value for households within a block.
- Housing median age:** median age of a house within a block; a **lower** number is a newer building.
- Median income per year (\$):** median income for households within a block of houses.
- Population:** total number of people residing within a block.

# EXPERIMENTAL VIEW: Uncertainty visualizations

a) No-AI prediction (baseline)

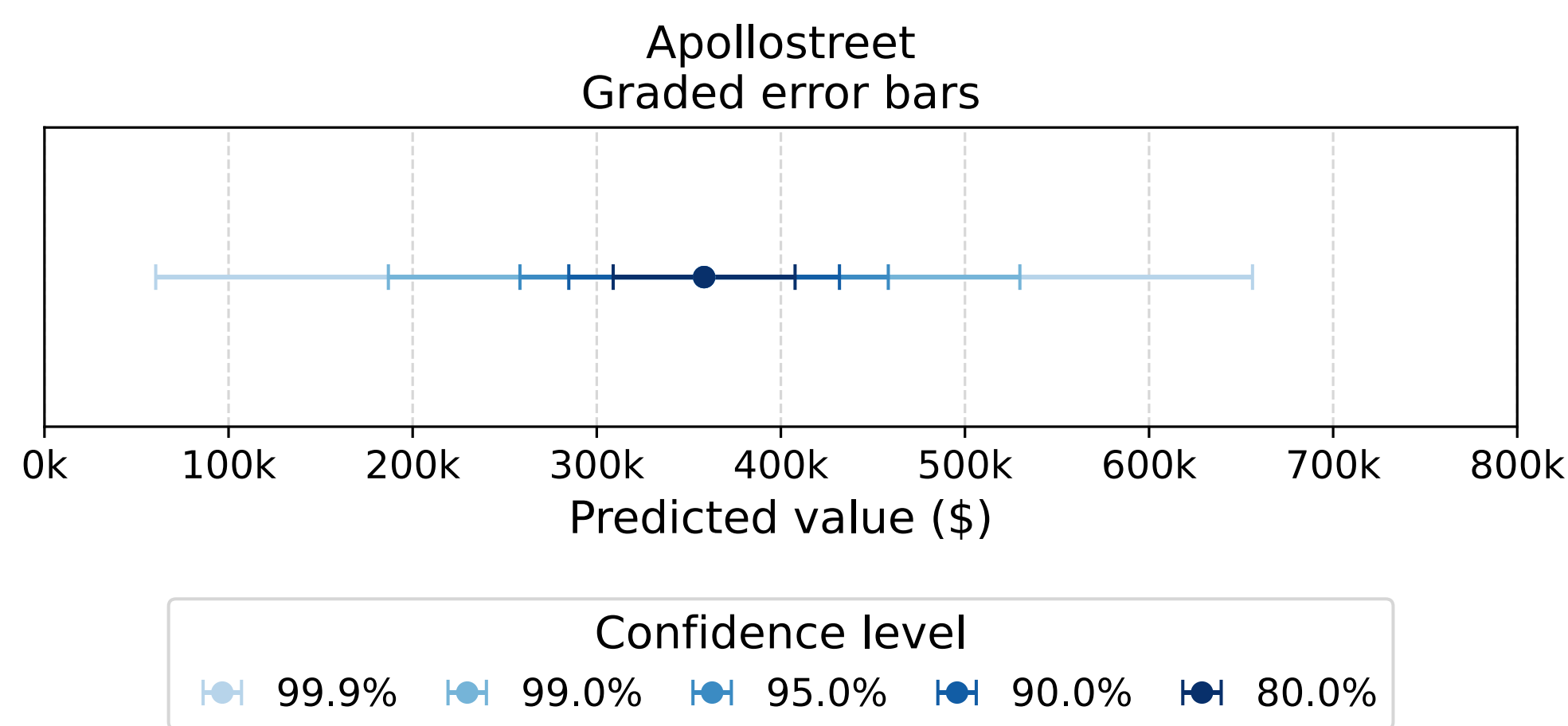


\*How certain are you?

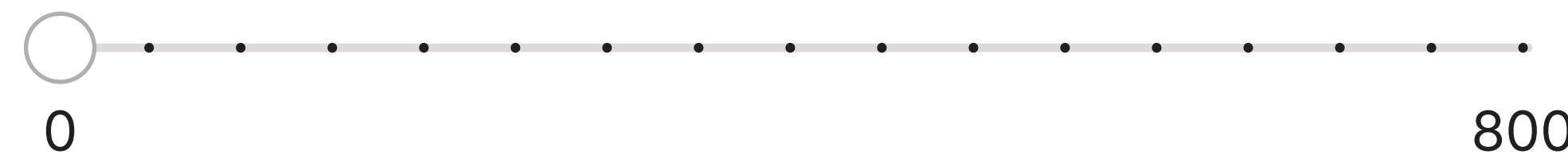


b) AI prediction with graded error bars

On average, when the regressor model is used to produce prediction intervals, there is a 99.9%, 99%, 95%, 90%, or 80% chance that the true value is within the respective error bars in different colors (see the legend).



\*What is the value of the “target house” in **red**?  
(house value in \$ thousands)

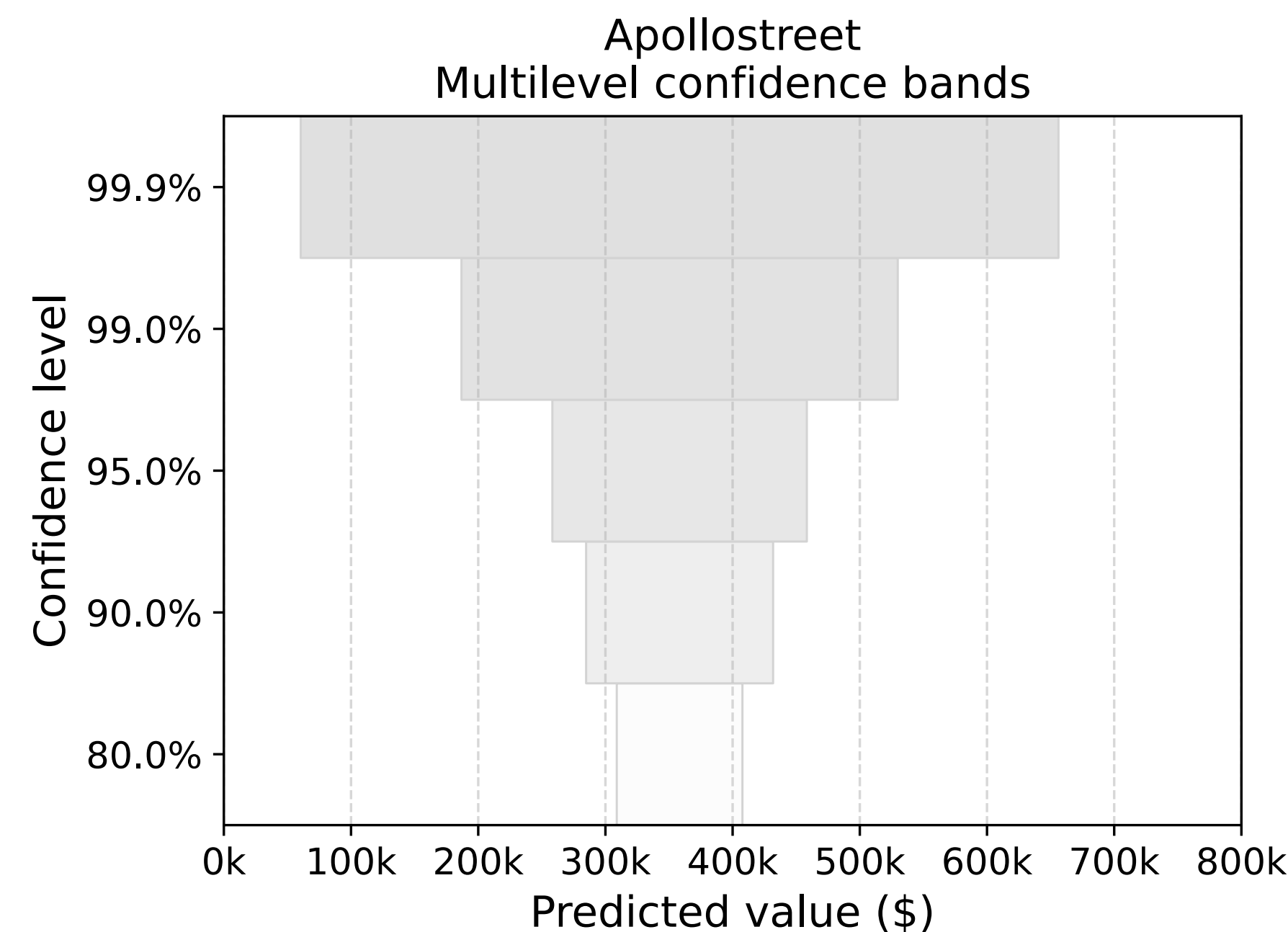


\*How certain are you?

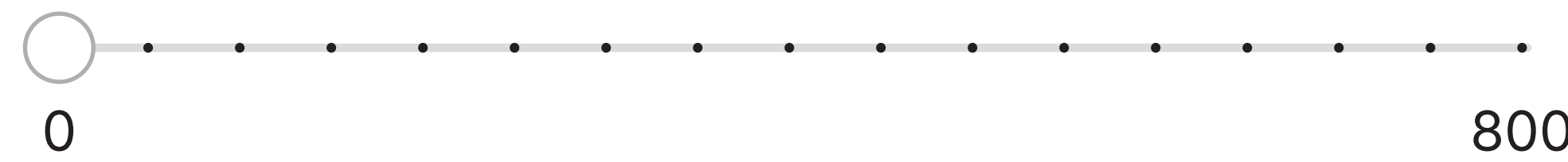


c) AI prediction with multilevel confidence bands

On average, when the regressor model is used to produce prediction intervals, there is a 99.9%, 99%, 95%, 90%, or 80% chance that the true value is within the respective interval (see the confidence level).



\*What is the value of the “target house” in **red**?  
(house value in \$ thousands)



\*How certain are you?

