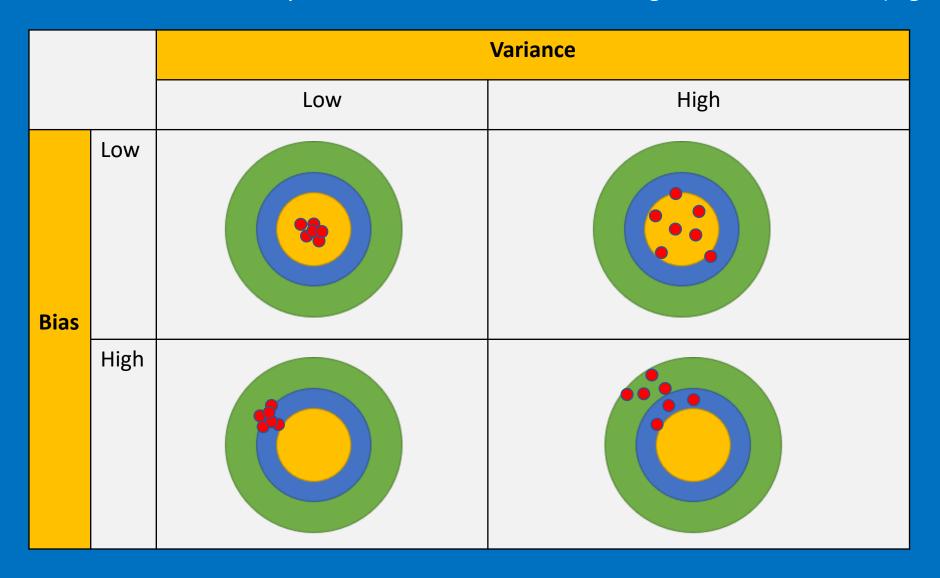
Bias and variance

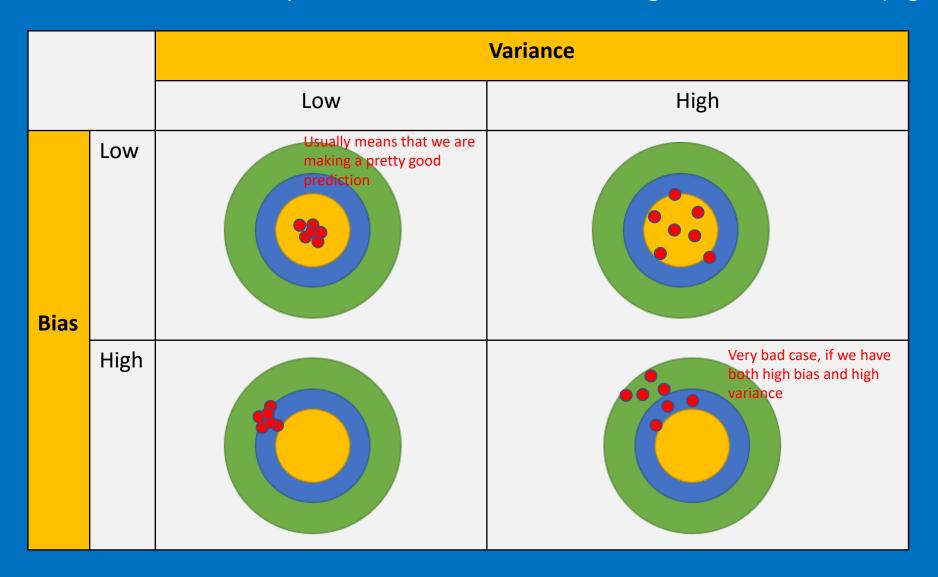
And how they are related to under/over fitting

Sijin Zhang





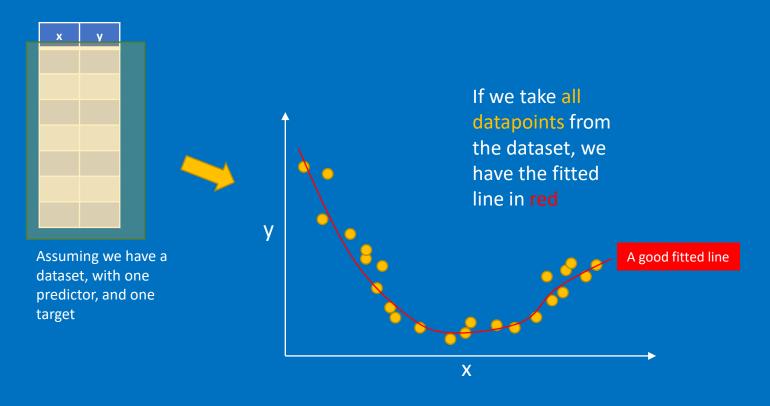


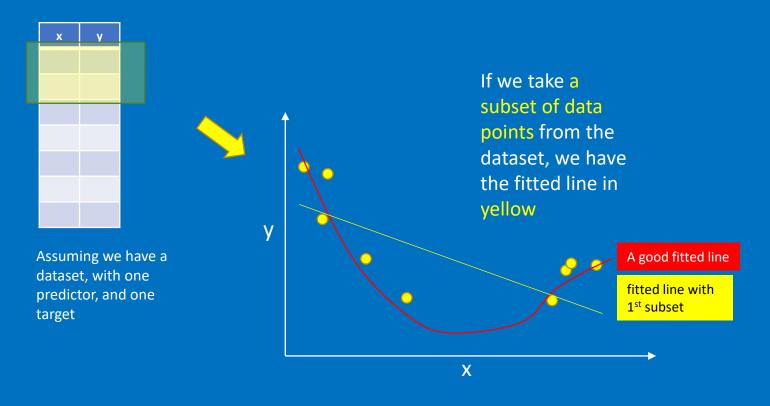


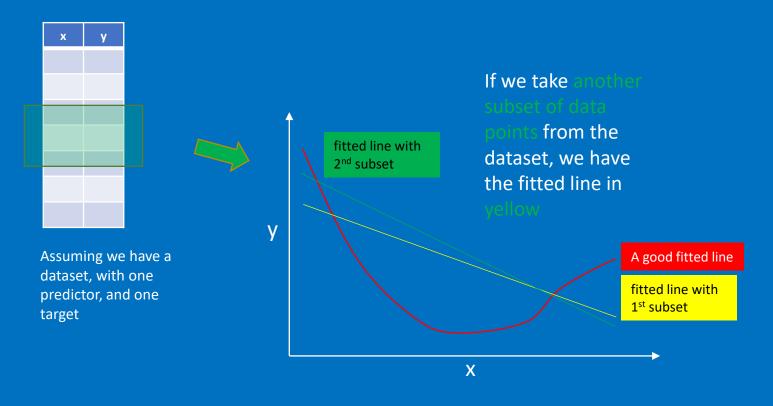
Bias and variance are two ways to describe the machine learning model and it's error (e.g., squared error)

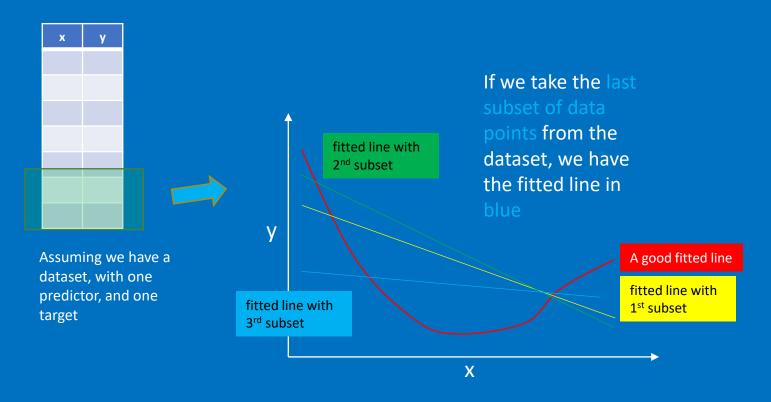


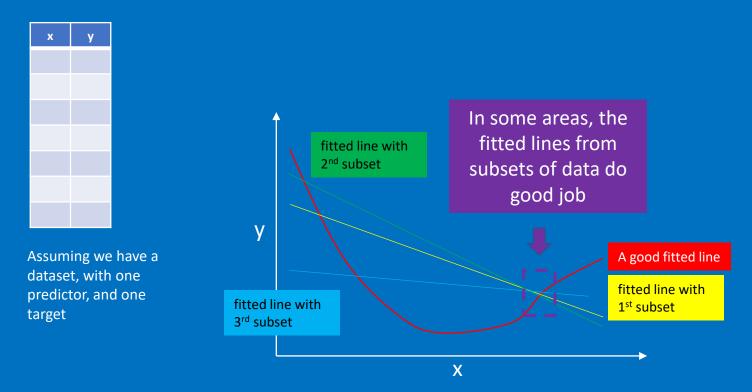
Assuming we have a dataset, with one predictor, and one target



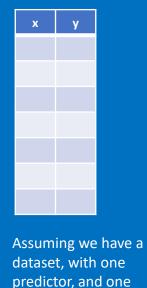




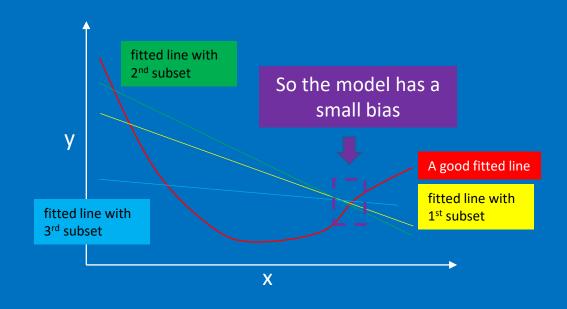




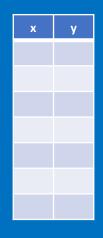
Bias and variance are two ways to describe the machine learning model and it's error (e.g., squared error)



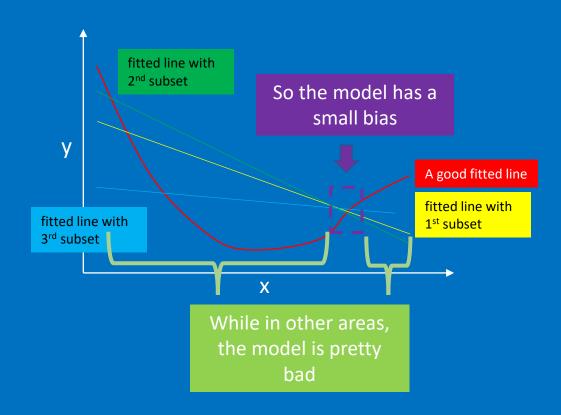
target



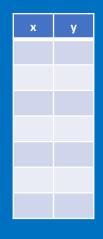
Bias and variance are two ways to describe the machine learning model and it's error (e.g., squared error)



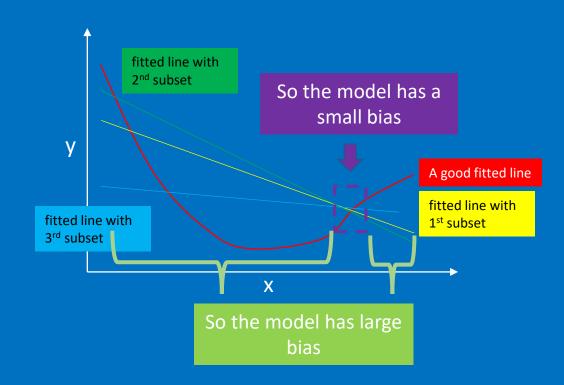
Assuming we have a dataset, with one predictor, and one target

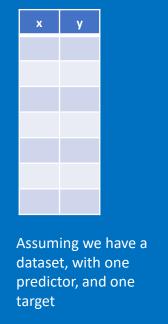


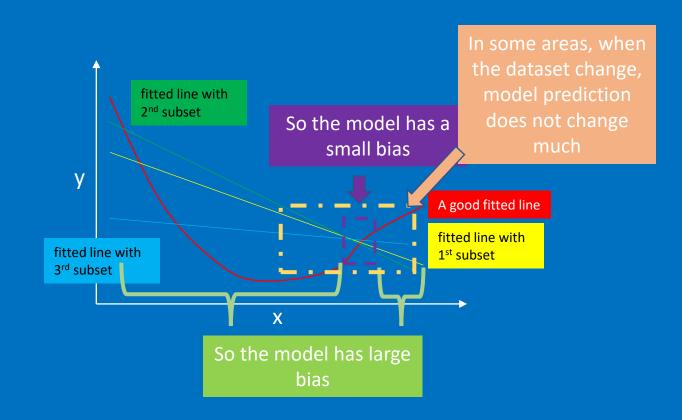
Bias and variance are two ways to describe the machine learning model and it's error (e.g., squared error)



Assuming we have a dataset, with one predictor, and one target







Bias and variance are two ways to describe the machine learning model and it's error (e.g., squared error)



Assuming we have a dataset, with one predictor, and one target

