High-Dimension Considerations

Wednesday, September 22, 2021 6:09 PM

- Regress m in High Domensions

- If pon > Infinite # of solutions > Variance

- If pan > Flexibility in Linear Morbils which
can led to overfitting

· As $p \ni \infty$, and each feature is included a regression, $R^2 \Rightarrow 1$, training MSE $\Rightarrow 0$ regardless of whether features are idealed to response!

curse of dimensimality.

The very high down of suttings -) are estimate are not accorate

(5) AIC, BIC, Adj R2

are not accorate!

as drawl & one of many possible solutions!