Lec 19 Mash 390 4/11/19 her is a common use of it's System? in-suple se complexing Use ship so isense conflexis min-by nin sind Se 14 Denden 15cress.
This is called supplies model selection. This how is WOKS: O pick a ser of phone persons: X1...xp. x,2...xp2 h(x),..., h(x), X, X2, X4X5..., Xp. Xp. Cte. 1) For out of the p predence, they can't one by addy it so the model and sales de model mit maximum relucion in it-suple se. @ For only of the remnity for predictors, return to step 1. Step of Se on validor se licenes. (3) Using the per Danner, build model or Down U Doublem and tess or Door to get in soo hours comme. De (()) is haild model or Dand ship g. (#) Select Hyperparasers. L'do this fine Recall SVM which minimal:

AHE + \(\lambda \| \vec{n} \| \vec{n} \|^3 Hon to pick 2?

Hypponeon selection AKA 'termy" which is 5m as mobil selem.

O'Select grid of his. Xgill = 3.00, .01, .1, 1, 10, 1003

Ent x is a diffine A. Fit models.

O'Select model with sulless error in calculus so,

Ridam ? T

Prenny re commend & gir-gm and med oos-validan.

At select a good nodel, The sixt grown sos unlisterer so Obtain an horest estimate. But how to pick the models {g1,..., gm}? Hon about ne create on A that Alexis miles 24 pare complicated? So more is -> more d.f., Aulski A is imme so nerfitory. This is the good of non-parameter practice learning. We will souls tree rodels, specfule Classiform & Regression Thees (CART, 1984) y = {1,..., L} y = R

Franzie kome Course A= OLS H= { wo+ux: wells Hz = 3 wo + w, x + n2x2; to 1833 Hy: 3 no + 1, 514 (12 xz): EGAB Bos in high p Hy world wir! Non consta Ha = { n, 1x = (a) + m 1x = (a) + ... + n, 0 1x = (a, a) & w = (a) the firm ho is grand below. The Copiner are just y with the bis. Nox: UDxeAl = Z

Less make less promises & using layer bots andsfiring? Hes (mirgreform anon) Max parmins. -Orefison? Hes (extrum enon) Not shough down in each bis Hon to pilk bis sie? Use the model selection romaine just > # paranesy