Lecture 28 announcements

- Please fill out course evaluations online; look for email from "USC Learning Experience Evaluations" or c-evals@usc.edu. Deadline is next Thursday (12/6).
- Final exam is Tuesday, 12/11, 2:00 PM 4:00 PM PST; oncampus exam location is SGM 124.
- DEN students have been notified by denexam@usc.edu of their exam locations.
- Sample final exam and its solution will be posted.
- Project reports are due Tuesday, 12/4, 2:00 PM.
 - Team projects turn in one written report (for the team) plus code to group-project folder
 - Individual projects turn in one written report plus one code file to individual-project folder
 - Everyone follow the provided template (D2L, Week 15) for your report organization

Lecture 28 outline

- Finish unsupervised Learning
 - Clustering metrics: how to choose K (part 2)
- Final exam: coverage, ground rules, timing ONLINE POLL
- Review

HOW TO CHOOSE K IN U.L. - WONSTATISTICAL

METHODS

1. FOR AGGLOMERATIVE HIERARCHICAL CLUSTERING,

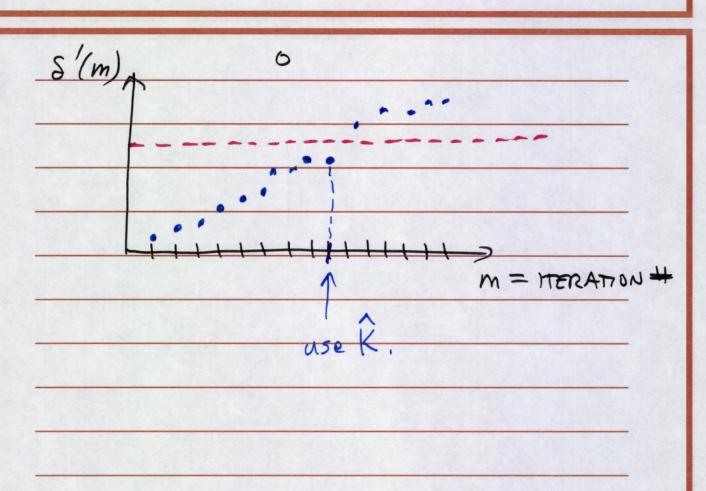
CAN USE THE STEPWISE CRITERION:

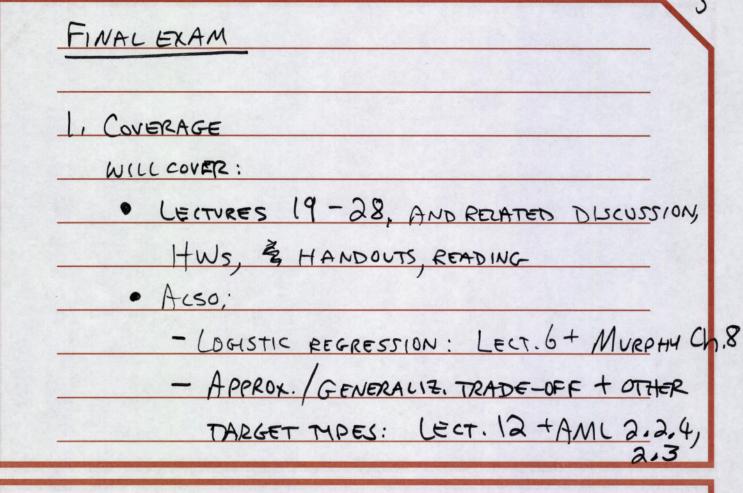
Ex: S'(m) = min S.k

IN WHICH FOR NW/SINGLE UNKAGE:

Sik=Smin (Cj,Ck)







- OVERFITTING: LECT. 13 + AML 4.1
EREMLATED HWS, DISCUSSION.
2. TIME PERIOD.
2h 8 ONLINE
Vh 40m 1h 30m 14 Poch
WILL
- MADY BE
3. MATERIALS ALLOWED. SENT.
LIKE MIDTERM (ZSHEETS) 19
OTHER
4 CALCULATORS
SIMPLE DESCI. CALC. 5
NO CALC. 10