Structure-Induced Equilibrium

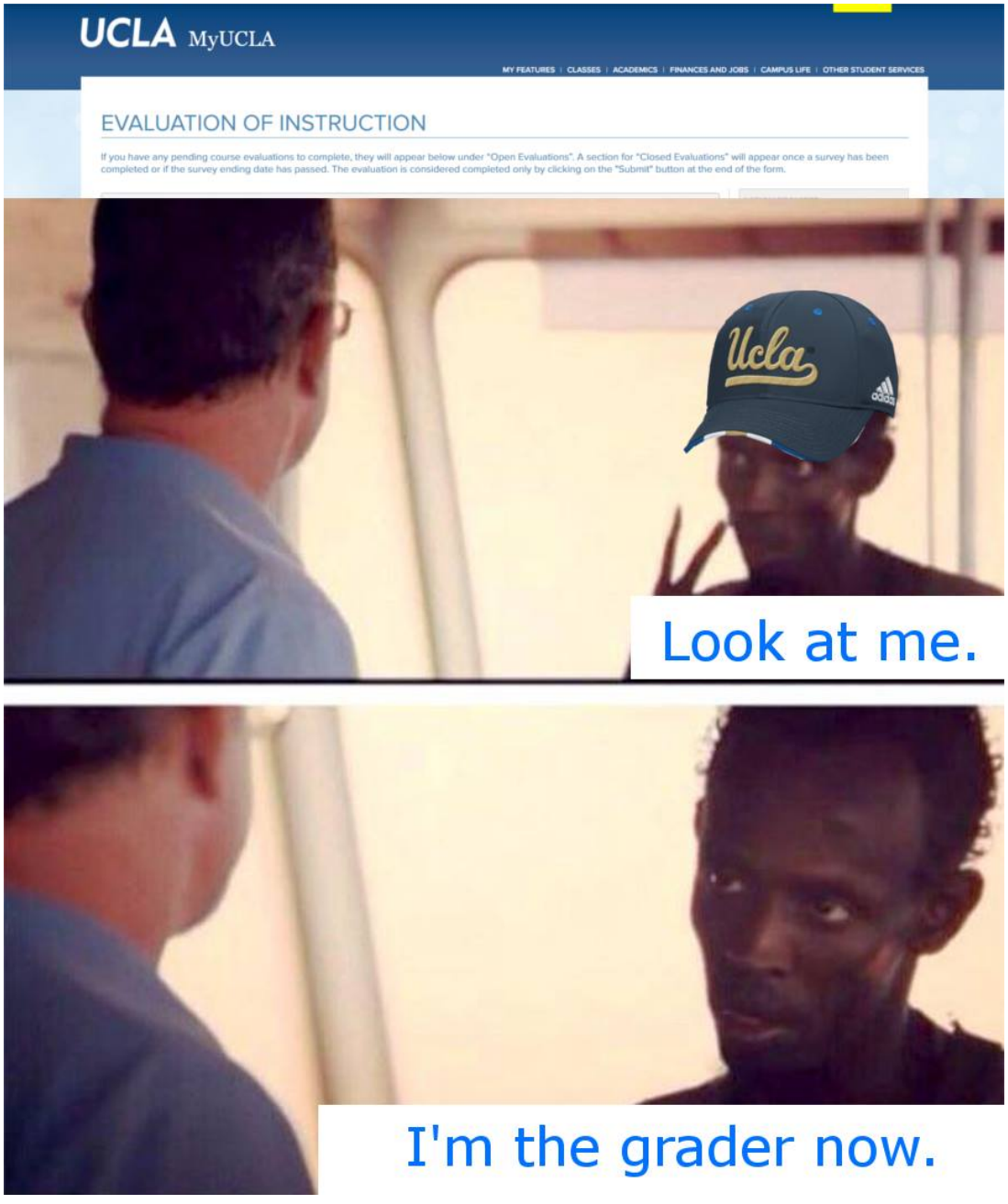
PS 171B - Week 10

Derek Holliday

6/6/2019

Agenda

- Evaluations
- SIE/PIE
- Midterm II

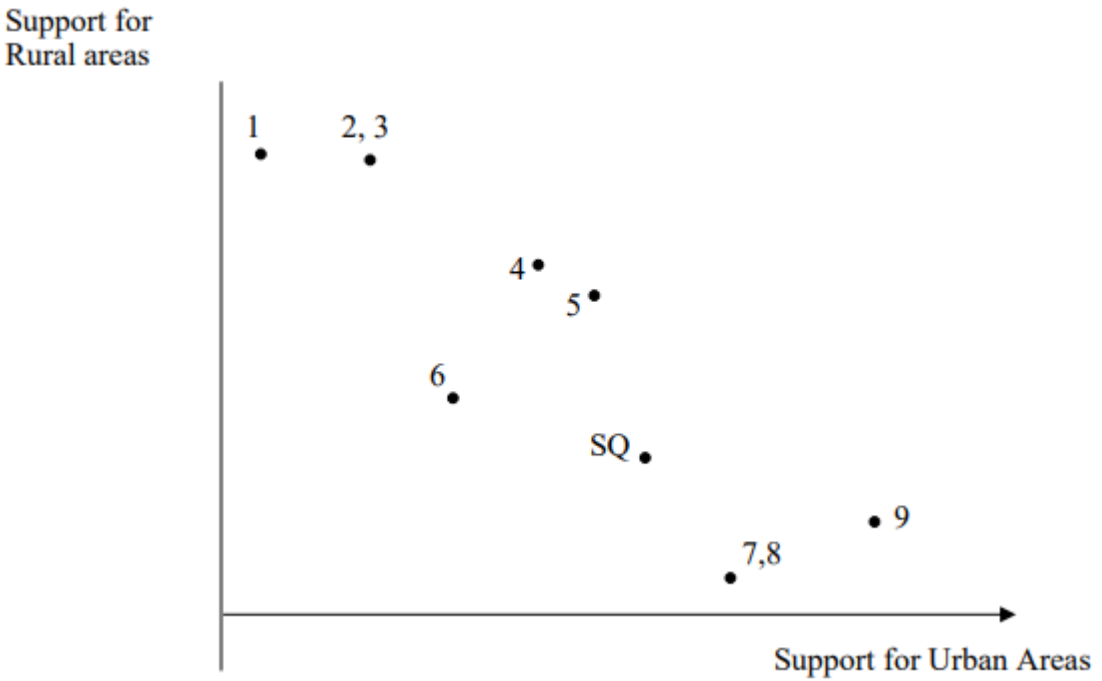

UCLA MyUCLA
MY FEATURES | CLASSES | ACADEMICS | FINANCES AND JOBS | CAMPUS LIFE | OTHER STUDENT SERVICES
EVALUATION OF INSTRUCTION
If you have any pending course evaluations to complete, they will appear below under "Open Evaluations". A section for "Closed Evaluations" will appear once a survey has been completed or if the survey ending date has passed. The evaluation is considered completed only by clicking on the "Submit" button at the end of the form.
Ucla
Look at me.
I'm the grader now.

Structure/Preference-Induced Equilibrium

- PIEs occur without structure; the way in which ideal points are organized either do or do not create a set of stable points
- SIEs are points that are stable because the voting structures and their interaction with the ideal points. For our purpose, we have two different voting structures (committee systems under open and closed rule)

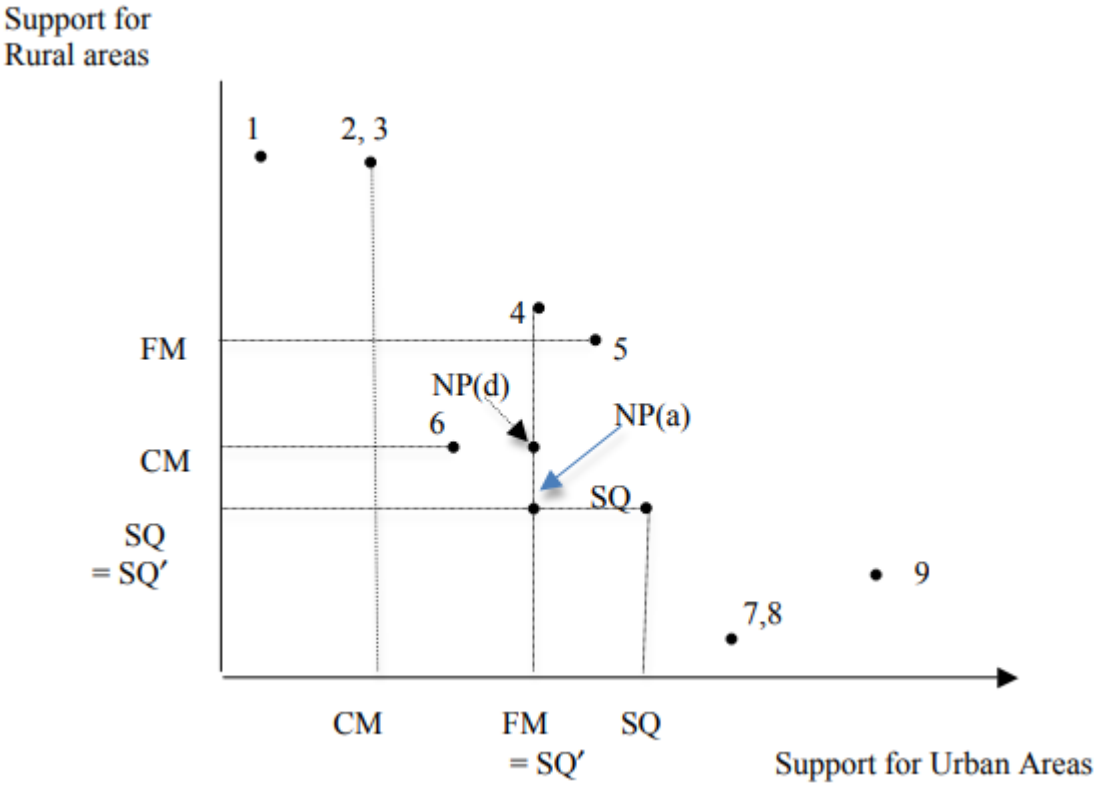
Example

Rural Committee: 3, 6, 8 | Urban Committee: 1, 2, 7



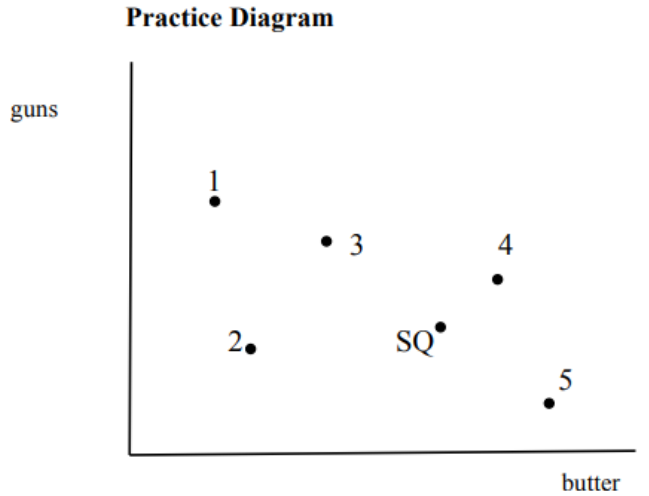
What do we expect will happen under closed rule? Open rule? Are there PIEs or SIEs?

Example


Support for
Rural areas
1
2, 3
4
FM
5
NP(d)
NP(a)
6
CM
SQ
SQ
= SQ′
9
7,8
CM
FM
= SQ′
SQ
Support for Urban Areas

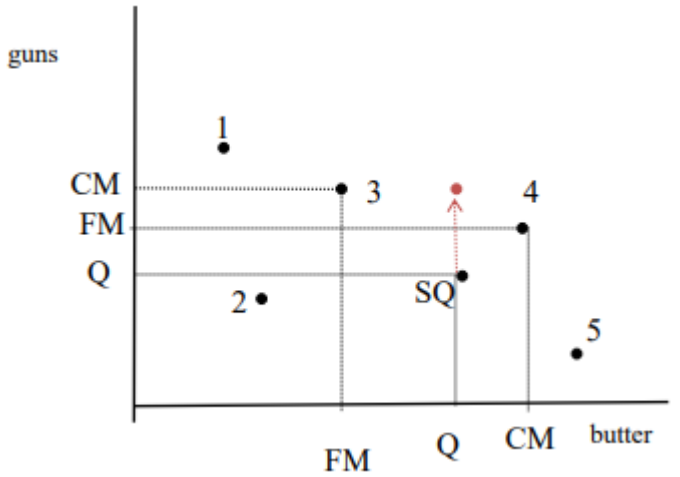
Practice Problem

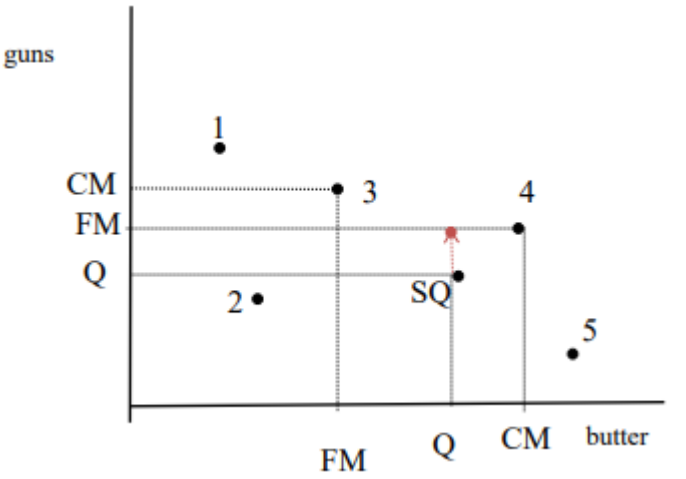
Guns Committee: 1, 2, 3 | Butter: 3, 4, 5



Is the SQ stable under a committee system with closed rule? open rule? Simple majority rule (without committees?) If not, where would you predict the bill to end up?

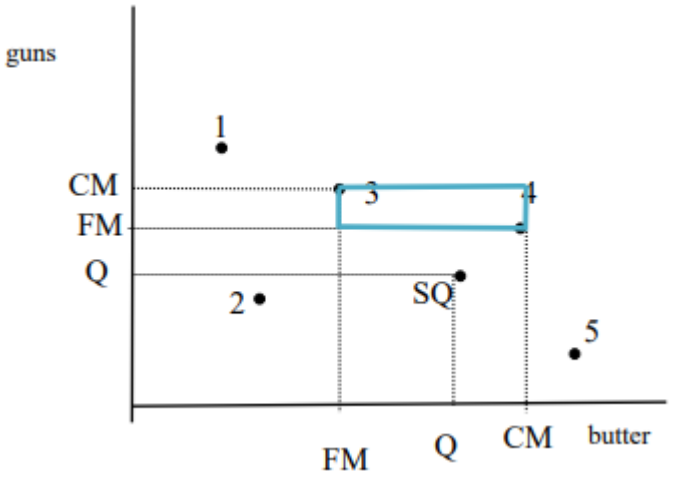
Practice Problem

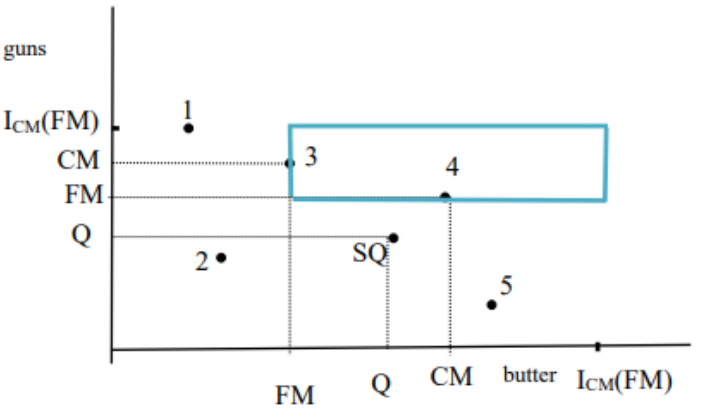




Now draw the set of points that are stable under closed and open rule

Practice Problem





Midterm II

- Winsets in a single dimension
- Stable points in two dimensions

Final

Wednesday, June 12 8am

Bring 2 Blue Books

Office Hours: Tuesday 2-4pm

Thank you!