

36-303: Sampling, Surveys and Society

Clustered Sampling
Brian Junker
132E Baker Hall
brian@stat.cmu.edu

16 March 2010

1

Handouts

- These Notes
- Clustered Sampling Handout
- Topical Timeline
- ONLINE:
 - Bem – Writing the Empirical Research Article
 - Pueschel – A Small Guide to Giving Research Presentations

16 March 2010

2

Outline

- Reading
- Clustered Sampling (from the handout)
- Timeline

16 March 2010

3

Reading

- For Today:
 - Read about clustering in Groves, sections 4.4 and 4.7
 - If you have access to Lohr, look at Ch 5.
- For Thursday (Online):
 - Bem – Writing the Empirical Research Article
 - Pueschel – A Small Guide to Giving Research Presentations

16 March 2010

4

Clustered Sampling

- Most probability samples in surveying are based on one (or more) of three ideas:
 - SRS without replacement
 - Stratified sampling (break population into groups, do an SRS in each group)
 - Clustered sampling (break population into groups, take an SRS of the groups)
- We will look at the handout on clustered sampling today (and perhaps Thursday).

Timeline

- Most of you have fully approved Group Assignments II.6 (final project proposal and IRB application).
 - I will email some suggestions to most groups
 - I need to meet with one group that is doing an administrative records survey (we know that!)
- **Time to do the surveys!**
- **Timeline (see timeline handout)**