More on Lab 2 & 3

ling499a
Roadmap

• We’ll discuss the sentences you wrote
• Self-paced reading experiment design
• Next step: making questions
• Implementing the experiment on Linger
Lab 2 sample stimuli

a. Non-island; high association
The costume party that the student arrived promptly for at the fraternity house was late in getting started.

b. Non-island; low association
The plumbing service that the student arrived promptly for at the fraternity house was late in getting started.

c. Island; high association
The costume party that the student who arrived promptly threw at the fraternity house was late in getting started.

d. Island; low association
The plumbing service that the student who arrived promptly saw at the fraternity house was late in getting started.

Let’s look at your sentences!
Self-paced reading

• Word by word, moving window presentation

• Our stimuli:
  – 24 target sentences
  – 4 conditions (2 x 2)
  – Latin Square design
  – Filler sentences → 3:1 ratio, at least (filler:target)

• Comprehension question + feedback → NEXT TASK
Lab 2

• Finish making your 4 sets of sentences with questions by **March 17^{th} (next Tuesday)**
  
  ➔ **NO LATE SUBMISSION THIS TIME!!!!!!**

• 5 points
Lab 3 intro

• 10 points

• You will actually run the experiment with **two participants** by **April 7th**, analyze reading time and write up the results by **April 14th**

• Goals
  – Learn to run self-paced reading experiment
  – Learn to use the ling subject pool
  – Learn to analyze reading time data
Linger

- A software developed at Ted Gibson’s lab at MIT
- [http://tedlab.mit.edu/~dr/Linger/](http://tedlab.mit.edu/~dr/Linger/)
- Easy to implement SPR
- Works on any operating system (PC, mac, Linux)
- Works with various language fonts
Running experiments in our lab

- Behavioral experiments in the downstairs lab
- We’ll take a tour on Thursday after lecture
- You’ll have an experimenter account on the experiment management system (aka sona system)
- We use Ling200/240 students; We have to do a 60-minute experiment, so we’ll also run the acceptability judgment task you used in Lab1
For thursday

• Install Linger on your computer and play with it – we’ll talk more about Linger and running experiments on Thursday

• Read Valian (optional: Lidz paper)