

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 17th (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/>
- 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)