

Class 15 (Week 7, R): Learning models II, hidden structure

Just the administrative stuff for today. Otherwise, we're working on last time's handout, and we're discussing Jarosz.

To do

- Read **Kirby (2013)** for Thursday (Nov. 19)

_____ will present the paper

_____ will discuss how **Bang & al. 2015** relates to Kirby

- Homework #4** (the last one), a computing exercise on the Gradual Learning Algorithm, is due a week from Tuesday (Nov. 24)
- Why not take two hours to free-write (i.e., write with your internal censor/evaluation dial turned way down) your thoughts, goals, and findings so far in your **project**? Even if you don't feel ready, doing the writing will make you more ready, and much of what you write may be usable in the final paper.

The plan for the rest of the quarter

Week 8

Tuesday: Learning models for variable grammars, plus what are Stochastic OT and Partial Ordering OT.

Thursday: Phonologization, discussion of Kirby 2013.

Week 9: Maybe still some more phonologization, then inducing constraints. Discussion of (probably) Hayes & Wilson 2006. GLA HW due.

Week 10: Inducing features and natural classes, synthesis and wrap-up. No HW, no student presentations.

Exam week: Turn in your project by Friday.

References

- Bang, Hye-Young, Morgan Sonderegger, Yoonjung Kang, Meghan Clayards & Tae-Jin Yoon. 2015. The effect of word frequency on the timecourse of tonogenesis in Seoul Korean. Glasgow: University of Glasgow.
- Kirby, James. 2013. The role of probabilistic enhancement in phonologization. In Alan C. L. Yu (ed.), *Origins of sound change*, 228–246. Oxford: Oxford University Press.