## **Part-of-Speech Annotation in 4 hours:** How to spend your time Dan Garrette, Jason Mielens, and Jason Baldridge

For low-resource languages, we cannot expect much training data.

- Can we train with less data?
- What can we collect cheaply?
- Where to focus collection efforts?

We conducted experiments collecting data from linguists in a fixed time.

Our semi-supervised approach:

- Expand the initial annotations
- Remove expansion noise by finding a minimal model
- Train a MaxEnt Markov Model

Achieve 90% accuracy after 4 hours

[Garrette & Baldridge, NAACL 2013]

