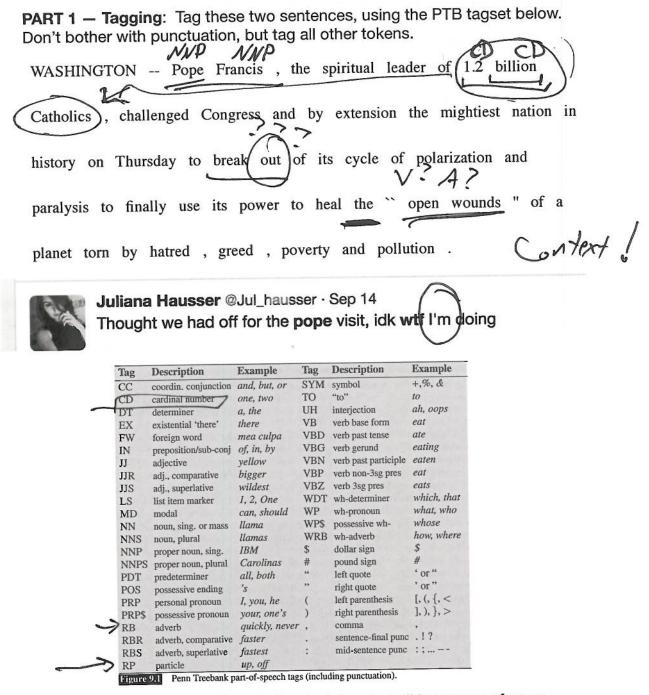
CS 585 - Brendan O'Connor lasificitin people.cs.umass.edu/~brenocon/inlp2015 in-class notes from Sept 24 2015 W repr BO -NB - Log Reg l Repr 109910 Sequence HMM 5

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PART 2 — **Phrase extraction**: In the text, bracket all instances of noun phrases, of length 2 or higher, that are identified by one of the Justeson&Katz patterns. Recall that they are defined over coarse tags (Adj, Noun, Prep.) as follows. (*Noun* does not include pronouns, but does include both common and proper nouns.)

Adj* Noun+(including: AN, NN, NNN, ANN, AAN, etc.)Adj* Noun+ Prep Adj* Noun+(including: NPN ANPN ANPAN etc.)

I dite hotdog

 \vee \wedge V A-X N

Regular Expression Notation, (XIX: X for ZO times $(\chi)_{t}$: X for ≥ 1 times

A-X N+ => N NN NNNNN AN ANN AAAAAN - -

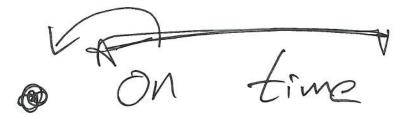
) I saw the happy

Adj Noun

happy rat

Noun Adj cat happy

dog of



Non Prep

Alex With Ø

55 & Man Det Some Man