LATEXhomework

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1 Favourite topis in linguistics

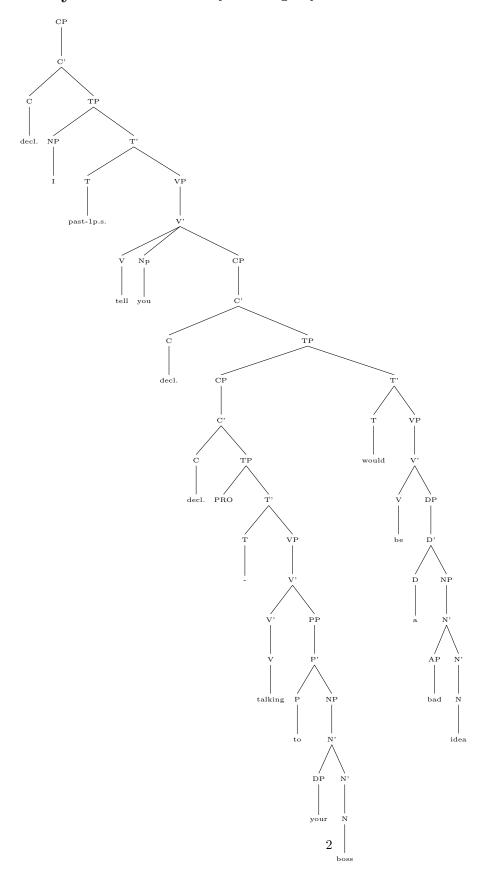
- 1. neurolinguistics
- 2. sociolinguistics
- 3. sentiment analysis
- 4. phonetics

2 Something about me

/ˈmaɪ ˈneɪm ɪz ˈsəlinə|| ˈaım ə ˈstjʊːdənt əv ˈnɑtʃrəl ˈlɑŋgwədʒ ˈprəʊsɛsɪŋ ət ðə jʊːnɪˈvərsəti əv gdańsk || aım ˈɔːlseʊ ən ˈɪŋglɪʃ ˈtɪtʃər ɑt ˈɑksfərd ˈlɑŋgwədʒ ˈsɛntə|| m ˈmaɪ ˈfriː ˈtaɪm aɪ ˈlaɪk tu ˈlɪsən tu ˈmjuːzɪk ənd ˈwɑːtʃ ˈnetflɪks||/

/ˈlubiɛ poˈdruzɛoraz goˈtowaɲɛ||ˈmojɛ uluˈbionɛ poˈtravy to ˈkluski| roˈlada i kaˈpusta||/

$3 \quad Syntax \ tree$ - I told you talking to your boss would be a bad idea.



Phonological rules

• Tapping:
$$/t/ \to [r] \; / \; [\; +vowel \;]_- \left[\begin{array}{c} +vowel \\ -stress \end{array} \right]$$

• Dentalization:

$$\left[\begin{array}{c}1\end{array}\right]\rightarrow\left[\begin{smallmatrix}1\\\vdots\end{array}\right]/\underline{}\theta$$

NLP equation 5

Equation from the article Sentiment Analysis and Subjectivity by Bing Liu

$$oo(phrase) = log_2 \left(\frac{hits(phraseNEAR'excellent')hits('poor')}{hits(phraseNEAR'poor')hits('excellent')} \right)$$

6 Drawing Pie Charts with pgf-pie

