

Literature Review

Natural Language Processing
CS 4120/6120—Spring 2016
Northeastern University

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What?

- Write a review of the literature in a targeted area of NLP
- Decide on a topic in next two weeks
- Your final writeup will be due at 11:59pm on Thursday, April 28

How?

- Choose a coherent area of NLP
 - At least 5 (4 | 20) or 10 (6 | 20) papers
 - Common task, dataset, or method
- What problem were the authors trying to solve/did they solve?
- What problems remain open?
- **Now optional:** Can you (nontrivially) reimplement/replicate some key result?

Why?

- Literature reviews are written *for* something
- Scouting reports for new research
- The fun of speculation and mocking benighted predecessors...
- without the pain of implementation and failure

When?

- Over the next week or so:
 - Think about interesting NLP applications, or problems you wish were solved
 - By next class (March 16), send me an email with your pitch and at least two example papers by different authors
 - I'll give feedback; we'll iterate, meet, etc.

What Next?

- Before 4pm on April 20,
- Send me *one* (1) PDF slide with your name and anything you'd like to say about your literature review topic
- Spend no more than 4 minutes in class talking about your topic and any lessons you've learned so far and answering questions