

# 11-712: NLP Lab Report

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## Abstract

[one paragraph here summarizing what the paper is about –NAS]

[brief introduction –NAS]

## 1 Basic Information about French

French is a Roman language, spoken in many countries around the world. It's the 10th most commonly spoken language in the world, with between 220 and 300 million people speaking French as a first or second language. French syntax is quite similar to English, with a few key differences. For example, most French adjectives go after the word they're modifying, the French negation has two parts, and determiners have gender.

## 2 Past Work on the Syntax of French

French syntax has been well studied. There exist texts ranging from simple (e.g. Fundamentals of French Syntax<sup>1</sup>) to complex (e.g. The Syntax of French<sup>2</sup>, Foundations of French Syntax<sup>3</sup>). Beyond just textbooks, there are a number of papers that address individual topics in French such as verb movement<sup>4</sup> and tokenization<sup>5</sup>.

With respect to parsing, there exists a French constituency-parsed treebank<sup>6</sup> which contains 12,531 sentences from Le Monde, a French newspaper. This treebank has been annotated in a similar style to the Penn treebank, with a few additions. For example, each word (when applicable) contains information on gender. When annotating these constituency parses,

## 3 Available Resources

[include discussion of resources, including your annotated datasets –NAS]

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<sup>1</sup>[http://www.academia.edu/1997083/Fundamentals\\_of\\_French\\_Syntax](http://www.academia.edu/1997083/Fundamentals_of_French_Syntax)

<sup>2</sup><http://www.amazon.com/Syntax-French-Cambridge-Guides/dp/B008SLJ1WQ>

<sup>3</sup><http://www.amazon.com/Foundations-French-Cambridge-Textbooks-Linguistics/dp/0521388058>

<sup>4</sup><http://minimalism.linguistics.arizona.edu/AMSA/PDF/AMSA-175-1000.pdf>

<sup>5</sup><https://giguete.users.greyc.fr/pricai96/part4.html>

<sup>6</sup>[http://alpage.inria.fr/statgram/frdep/fr\\_statdep\\_parsing.html](http://alpage.inria.fr/statgram/frdep/fr_statdep_parsing.html)

4 Survey of Phenomena in [\[Your Language/Genre –NAS\]](#)

5 Initial Design

6 System Analysis on Corpus A

7 Lessons Learned and Revised Design

8 System Analysis on Corpus B

9 Final Revisions

10 Future Work

References