

L^AT_EX Syntax

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1 Introduction

This handout is a compilation of several others that already exist in the internet. The purpose is to provide a centralized document that contains all the code needed to get you started with L^AT_EX typesetting. Please feel free to reach out if you have any questions when typesetting your document at laviles@utexas.edu This document is intended for people that work in Morphology and Syntax.

2 Trees

In order to typeset a tree in LaTeX you will need the following commands in the preamble section:

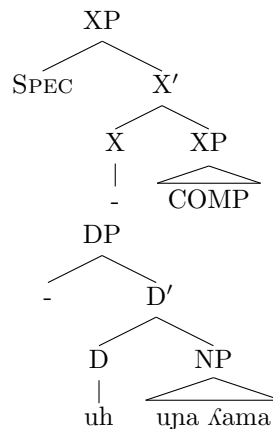
```
\usepackage[noepic]{qtree} %tree drawing package
\usepackage{tree-dvips}.    %draws arrows on trees
```

This section will provide several examples and codes in how to formulate trees. The language examples are from Southern Bolivian Quechua (SBQ)

An X-Bar tree will look like this

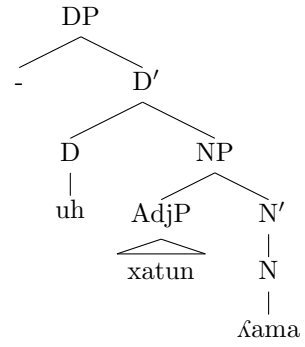
```
\Tree [.XP - [.X\1 [.X - ] \qroof{-}.XP ]]
```

X-Bar:



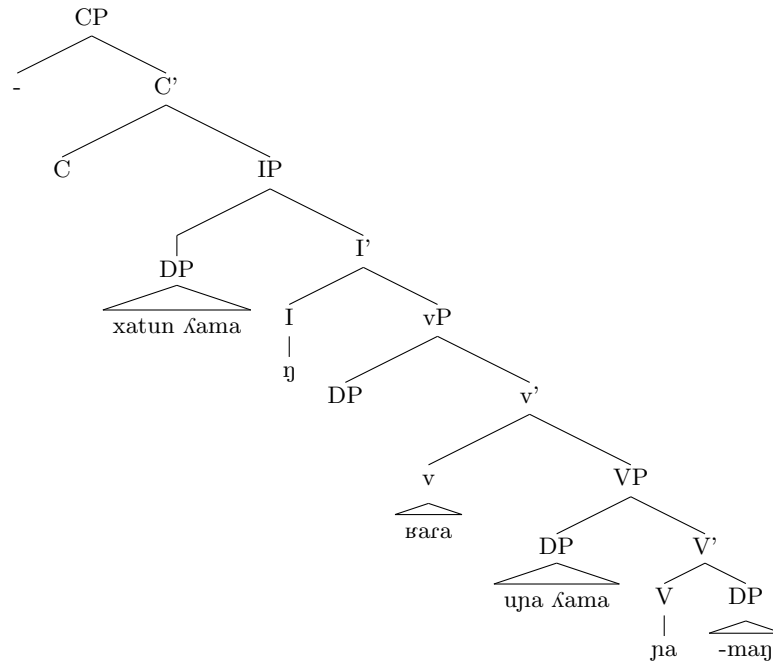
Example 1:

Example 2:

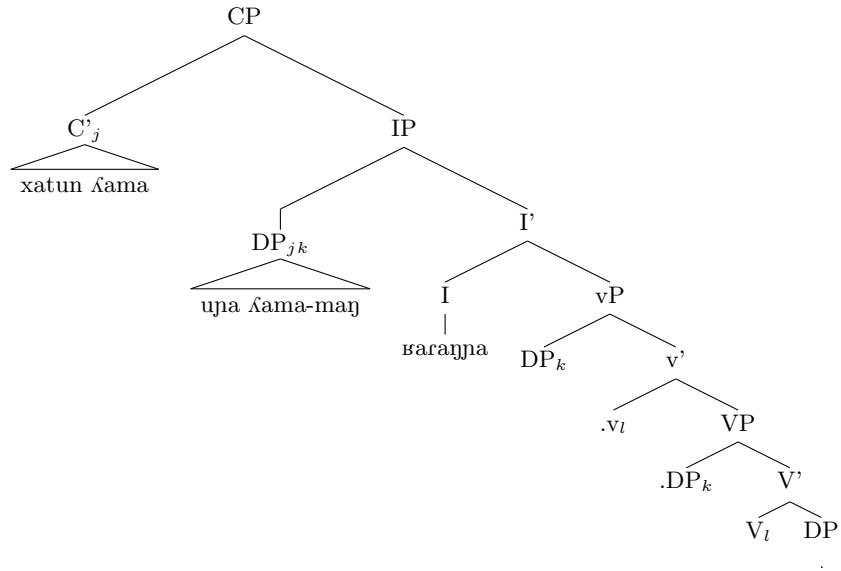


Surface structure:

☞ check source code for language

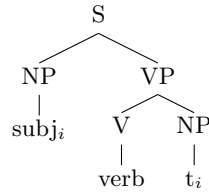


Deep Structure:
 ↗check source code for language



Arrows:

```
\Tree [.S [.NP \node{subj}{subj_i} ] [.VP [.V verb ] [.NP \node{t}{t_i} ]]]
```



↗According to the source, arrows can not be produce by the pdfL^AT_EX parser. Therefore is recommended to compile the document as a DVI and then convert to a PDF.

3 References

Arnold, D. (2010) LaTeX for Linguists

Dimitriadis, A. (2008) qrrows.pdf

Siskind, J.K. (n.d.) *Documentation for qtree, a L^AT_EX tree package*