



What does the `Nom` say? An algorithm for case disambiguation in Hungarian

Noémi Ligeti-Nagy¹, Andrea Dömötör¹ and Noémi Vadász²

January 7, 2019

¹MTA–PPKE, Hungarian Language Technology Research Group

²Research Institute for Linguistics, Hungarian Academy of Sciences

Case disambiguation of nominals without overt case marking

In Hungarian caseless nominals may be:

- subject
- unmarked possessor
- argument of a postposition
- element in vocative case
- modifier of another nominal
- part of a proper name
- (part of a) nominal predicate

Rule-based

Follows the principles of a psycholinguistically motivated parser

Back-looking rules: use the previously processed elements

Forward-looking rules: use a two-token wide look-ahead window

Precision	77.82%
Recall	79.30%
F-measure	78.55%

