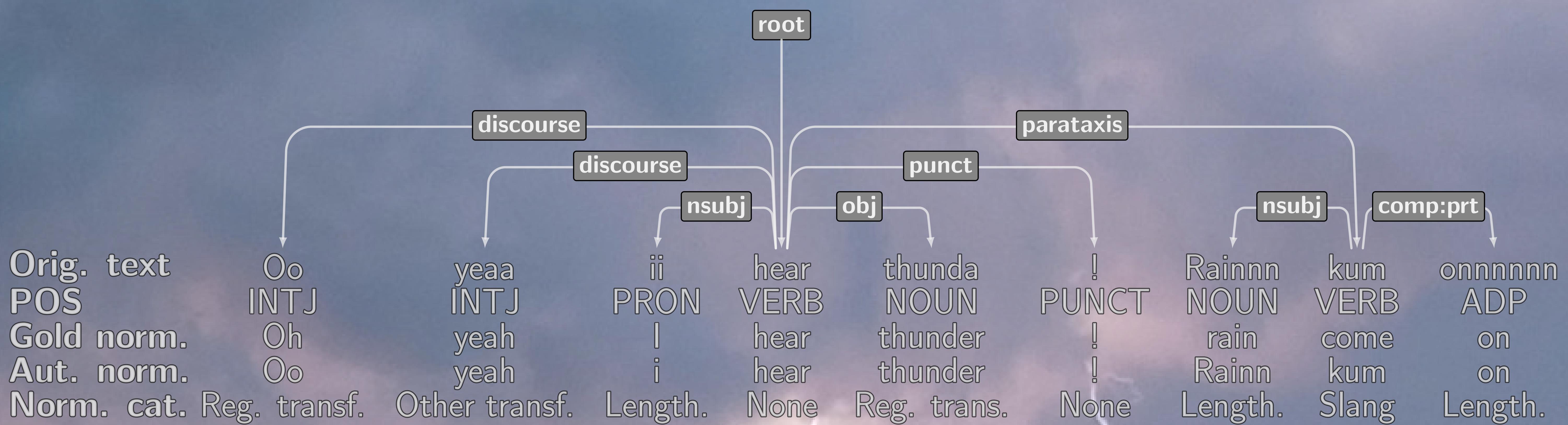


# In-depth Analysis of the Effect of Lexical Normalization on the Dependency Parsing of Social Media

Rob van der Goot



**Taxonomy of Normalization Categories**

Category	Freq.	%
None	3,743	81.76
Unintentional	30	0.66
Typo	176	3.84
Missing apostrophe	44	0.96
Spelling error	10	0.22
Anomalies	2	0.04
Phrasal abbreviation	90	1.97
Repetition	22	0.48
Shortening. vowels	64	1.40
Shortening end	35	0.76
Shortening other	66	1.44
Regular transformation	186	4.06
Other transformation	42	0.92
Slang	56	1.22
Informal Contraction	12	0.26
Intentional		

