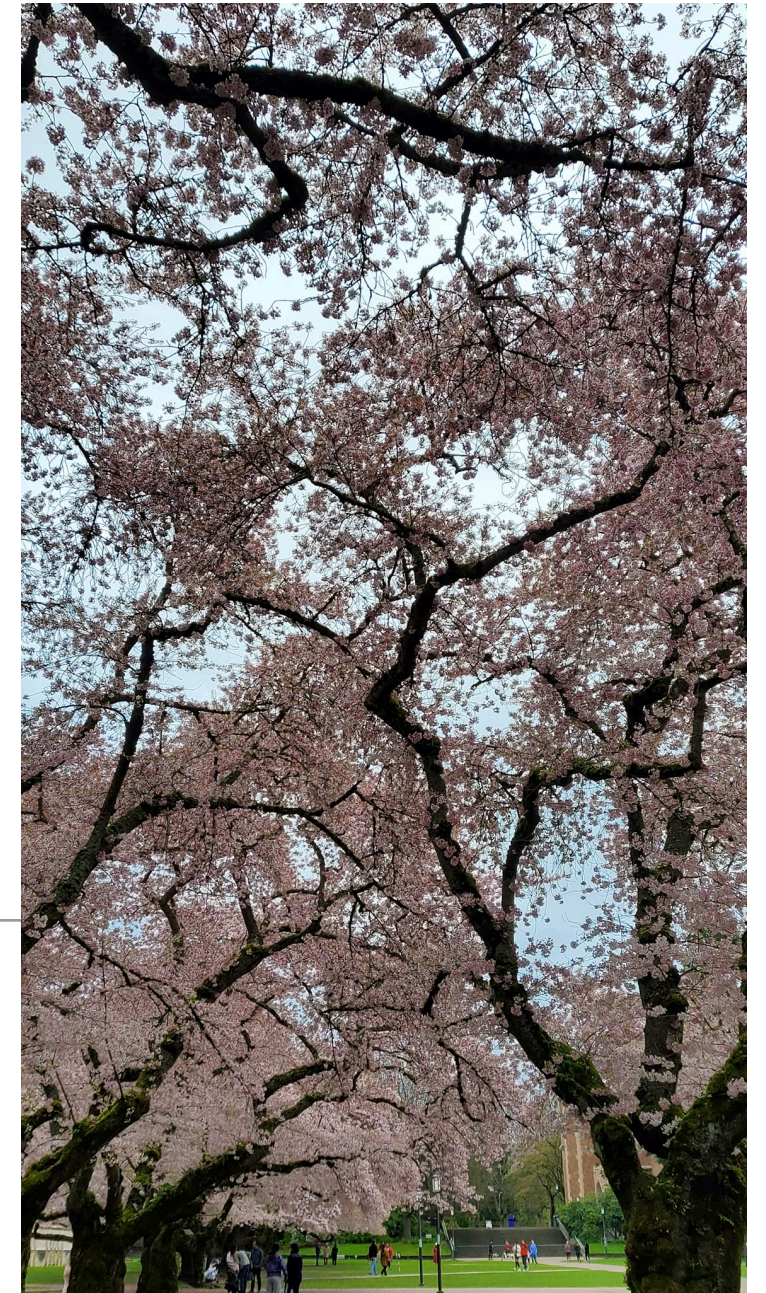


University of Washington site update

DELPH-IN Summit
June 26, 2023
A Coruña

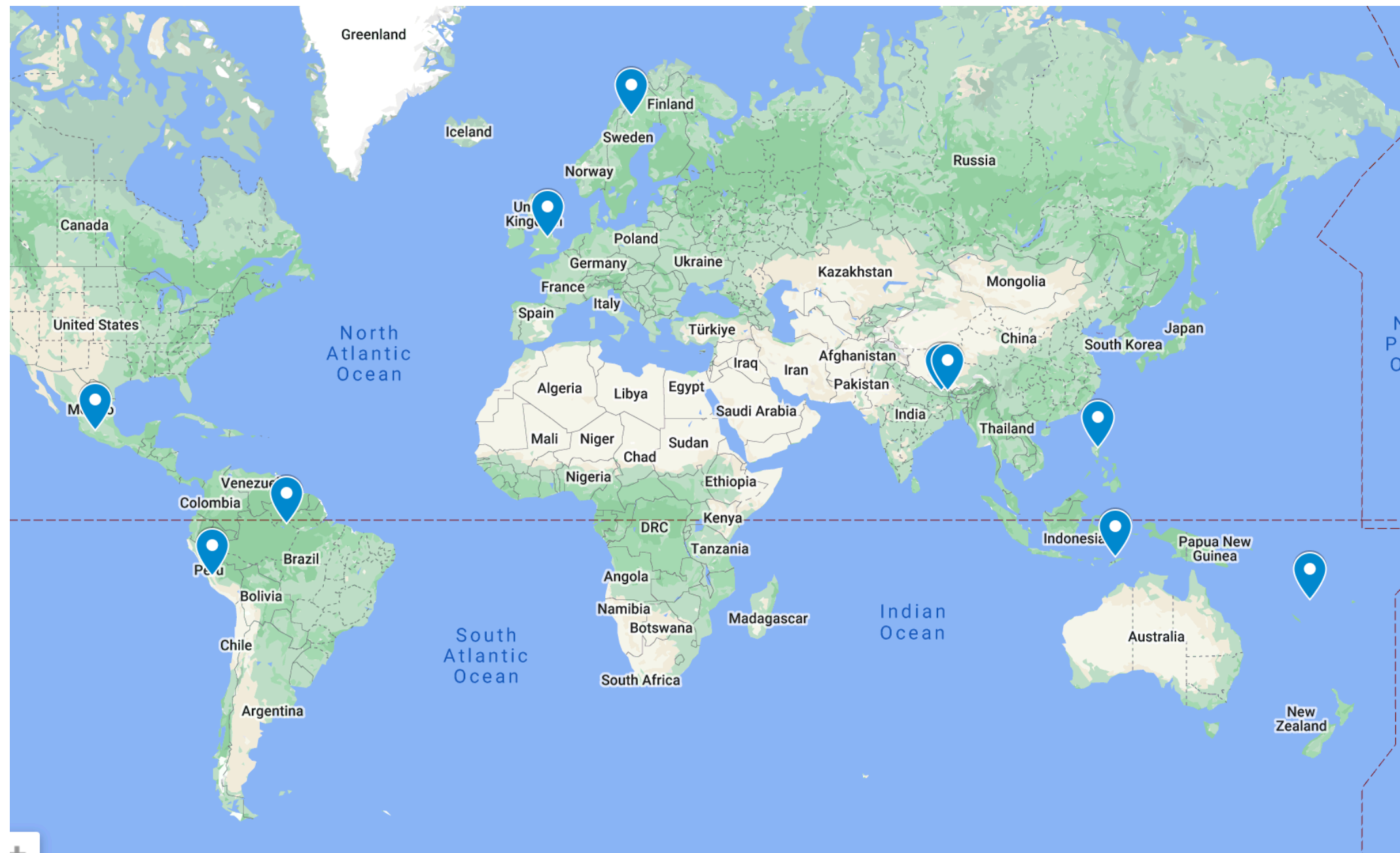
Emily M. Bender, Vipasha Bansal, Gita Dhungana, Liz Conrad, Yi-Chien Lin,
Tom Liu, Keren Ruditsky, & Tara Wueger



567 Languages (WI 2023)

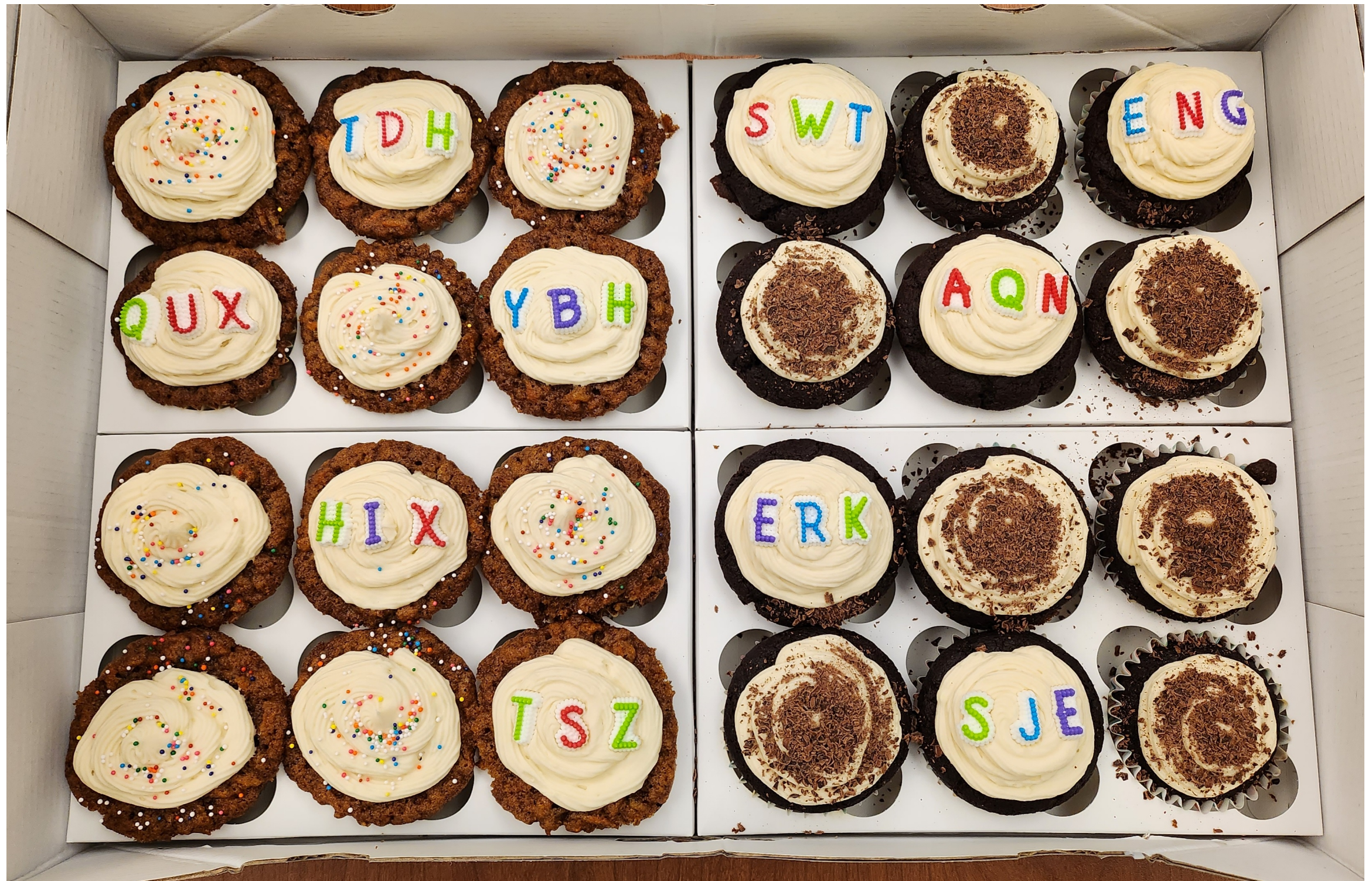
aqn	Northern Alta	Austronesian	Anaya & Davenport
erk	South Efate	Austronesian	Koh & Saechao
hix	Hixkaryana	Cariban	Ruditsky & Wang
qux	Yauyos Quecha	Quechuan	Skinner
swt	Sawila	Timor-Alor-Pantar	Baumgartner-Zhang & Bi
tdh	Thulung	Sino-Tibetan	Fang & Martins
tsz	Purepecha	Tarascan	Haberland & Patil
ybh	Yakkha	Sino-Tibetan	Dhungana
eng	English	Indo-European	
sje	Pite Saami	Uralic	Nielsen & Spivey

Languages - mapped



lat/long from WALS & Glottolog, map from Google

Languages - cupcaked (Thank you Lindsay!)



Items with end-to-end output: Final (transfer rule propagation)

	aqn	eng	erk	hix	qux	sje	swt	tdh	tsz	ybh
aqn	15	10	10	9	10	9	8	8	7	3
eng	15	26	19	19	13	21	13	15	13	9
erk	11	11	12	10	10	11	10	9	7	2
hix	14	16	13	17	11	15	12	10	7	4
qux	6	6	6	6	7	5	5	5	4	3
sje	12	16	15	14	10	18	10	11	9	8
swt	8	10	9	10	8	9	10	8	6	3
tdh	12	10	11	9	10	11	9	12	6	3
tsz	11	12	11	8	9	12	9	12	15	3
ybh	5	6	6	6	5	6	6	5	5	6


Projects & Theses

- **Lin** MS thesis FINISHED: AGG inference for valence changing morphology
- **Wueger** MS thesis: Matrix library for light verb constructions
- **Ruditsky** MS thesis: Matrix library for action nominalizations
- **Bansal** General paper: Thai SVC (with an eye towards library for SVC)
- **Liu** Exploring: What properties of input data lead to more successful AGG inference?
- **Dhungana** Exploring: How is case marking similar & different in Nepali and Yakkha?


Other activities

- Dagstuhl seminar on universals of idiosyncrasy
 - => Follow on project around comparison of semantic representations of MWEs across frameworks
- Upcoming HPSG 2023 keynote: 20 years of the Grammar Matrix
- Seeking funding ideas for 3rd edition of Syntactic Theory: A Formal Introduction

AI hype & the media




Intelligencer

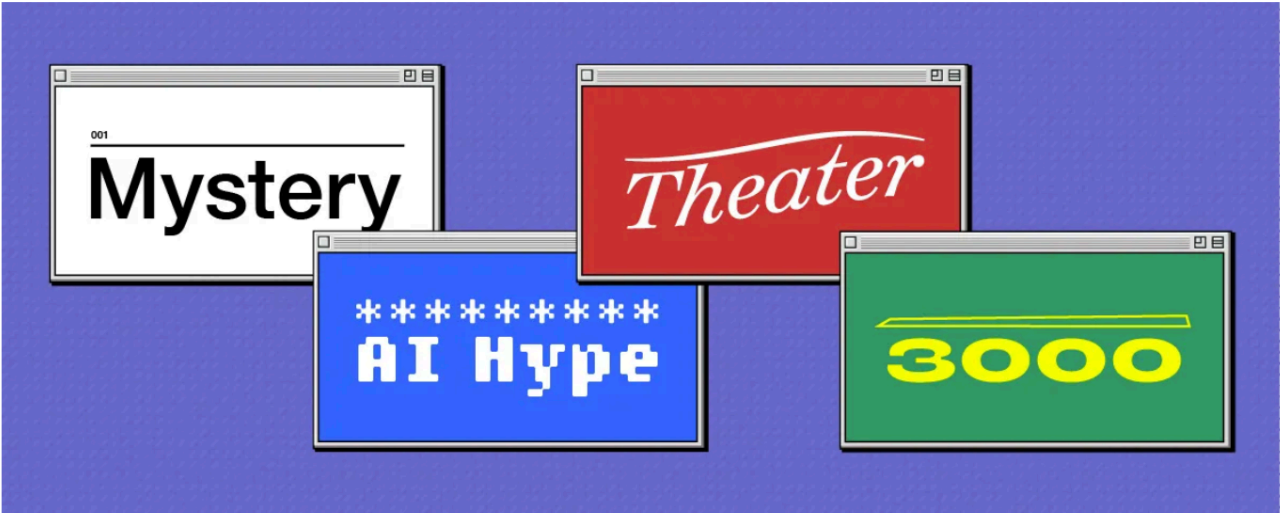


ARTIFICIAL INTELLIGENCE | MAR. 1, 2023

You Are Not a Parrot And a chatbot is not a human. And a linguist named Emily M. Bender is very worried what will happen when we forget this.

By Elizabeth Weil, a features writer at New York





DELPH-IN Summit goals

- Advice on MRS representations for:
 - Light verb constructions
 - Serial verb constructions
 - Nominalization
- Initial explorations of differentiating linguistic hypotheses and engineering decisions in the Matrix