

Joseph A. Stanley

Curriculum Vitae

2024-12-18

1 Education

Ph.D. Linguistics, [University of Georgia](#), 2020

Dissertation: *Vowel Dynamics of the Elsewhere Shift: A Sociophonetic Analysis of English in Cowlitz County, Washington*

Committee: [L. Chad Howe](#) (chair), [Margaret E. L. Renwick](#), [William A. Kretzschmar, Jr.](#)

B.A. Linguistics, [Brigham Young University](#), 2013

Minor: Linguistics Computing

2 Academic Employment

Assistant Professor, Department of Linguistics, Brigham Young University. 2020–

Instructional Designer, Brigham Young University. March–May, 2020.

3 Publications

3.1 Edited Volumes

Joseph A. Stanley, Margaret E. L. Renwick, & Monica Nesbitt (2024). *Movement, Economy, Orientation: 20th Century Shifts in North American Language*. Publications of the American Dialect Society 109. Durham, NC: Duke University Press.

3.2 Refereed Articles

Joseph A. Stanley, Lisa Morgan Johnson, & Earl Kjar Brown (forthcoming). Testing the Effect of Speech Separation on Vowel Formant Estimates.” *Linguistics Vanguard*.

Margaret E. L. Renwick, Joseph A. Stanley, Jon Forrest, & Lelia Glass (2023). “Boomer Peak or Gen X Cliff? from SVS to LBMS in Georgia English.” *Language Variation and Change* 35(2). 175–197. DOI: [10.1017/S095439452300011X](https://doi.org/10.1017/S095439452300011X).

Stefano Coretta, Joseph V. Casillas, [128 other authors], Joseph A. Stanley, [23 other authors], & Timo B. Roettger (2023). “Multidimensional Signals and Analytic Flexibility: Estimating Degrees of Freedom in Human-Speech Analyses.” *Advances in Methods and Practices in Psychological Sciences* 6(3). DOI: [10.1177/25152459231162567](https://doi.org/10.1177/25152459231162567).

Joseph A. Stanley & Betsy Sneller. 2023. Sample size matters in calculating Pillai scores. *Journal of the Acoustical Society of America* 153(1). 54–67. DOI: [10.1121/10.0016757](https://doi.org/10.1121/10.0016757).

Joseph A. Stanley (2022). “Interpreting the Order of Operations in Sociophonetic Analysis.” *Linguistics Vanguard* 8(1). 279–289. DOI [10.1515/lingvan-2022-0065](https://doi.org/10.1515/lingvan-2022-0065).

Joseph A. Stanley (2022). “Regional patterns in prevelar raising.” *American Speech*. 97(3): 374–411. 97(3): 374–411. DOI: [10.1215/00031283-9308384](https://doi.org/10.1215/00031283-9308384).

Joseph A. Stanley (2022). “A comparison of turn-of-the-century and turn-of-the-millennium speech in Georgia.” *Proceedings of the 6th Annual Linguistics Conference at UGA*. Linguistics Society at UGA, Athens, GA.

Joseph A. Stanley, Margaret E. L. Renwick, Katie Ireland Kuiper, & Rachel Miller Olsen (2021). “Back vowel dynamics and distinctions in Southern American English.” *Journal of English Linguistics* 49(4): 389–418. DOI: [10.1177/00754242211043163](https://doi.org/10.1177/00754242211043163).

Margaret E. L. Renwick & Joseph A. Stanley (2020). “Modeling dynamic trajectories of tense vs. lax vowels in the American South.” *Journal of the Acoustical Society of America* 147(1): 579–595. DOI: [10.1121/10.0000549](https://doi.org/10.1121/10.0000549).

Joseph A. Stanley (2019). “Phonological Patterns in beg-Raising.” *UGA Working Papers in Linguistics*, 4, 69–91.

[Janis B. Nuckolls](#), Joseph A. Stanley, Elizabeth Nielson, & Roseanna Hopper (2016). “The Systematic Stretching and Contracting of Ideophonic Phonology in Pastaza Quichua”. *International Journal of American Linguistics*, 82(1). 95–116. DOI: [10.1086/684425](https://doi.org/10.1086/684425)

3.3 Book Chapters

Note

Student collaborators highlighted in green.

Joseph A. Stanley & Hallie Davidson (in prep). “Language Variation in Early 20th Century Rural Utah.” In Allison Burkette, Becky Childs, & Susan Tamasi (eds.) *Corpora and Complexity in English Language Research: Essays in Honor of William A. Kretzschmar Jr.*.

Joseph A. Stanley, Margaret E. L. Renwick, & Monica Nesbitt (2024). “An Introduction to Language Change at the Intersections of Movement, Economy, and Orientation.” In Joseph A. Stanley, Margaret E. L. Renwick, & Monica Nesbitt (eds). *Movement, Economy, Orientation: 20th Century Shifts in North American Language*. Publications of the American Dialect Society 109. Durham, NC: Duke University Press. DOI: [10.1215/00031283-11587907](https://doi.org/10.1215/00031283-11587907).

Jon Forrest, Margaret E. L. Renwick, Joseph A. Stanley & Lelia Glass (2024). “Demographic Change, Migration, and the African American Vowel System in Georgia.” In Joseph A. Stanley, Margaret E. L. Renwick, & Monica Nesbitt (eds). *Movement, Economy, Orientation: 20th Century Shifts in North American Language*. Publications of the American Dialect Society 109. Durham, NC: Duke University Press. DOI: [10.1215/00031283-11587955](https://doi.org/10.1215/00031283-11587955)

Dominic Watt, Margaret E. L. Renwick, & Joseph A. Stanley (2023). “Sociophonetics and dialectology.” In Christopher Stelluf (ed.) *The Routledge Handbook of Sociophonetics*, 263–284. Routledge, London. 263–284.

Joseph A. Stanley (2020). “The Absence of a Religiolect among Latter-day Saints in Southwest Washington.” In Valerie Fridland, Alicia Wassink, Lauren Hall-Lew, & Tyler Kendall (eds.) *Speech*

in the Western States Volume III: Understudied Dialects. (Publication of the American Dialect Society 105), 95–122. Durham, NC: Duke University Press. DOI: [10.1215/00031283-8820642](https://doi.org/10.1215/00031283-8820642).

3.4 Other Publications

i Note

Student collaborators highlighted in green.

Joseph A. Stanley, Josh Stevenson, and Wendy Baker-Smemoe. 2024. “The Missionary Voice: Perceptions of an Emerging Register.” *Proceedings of the Linguistic Society of America* 9(1): 5701. <https://doi.org/10.3765/plsa.v9i1.5701>.

Johnson, Heather J., Wendy Baker-Smemoe, Joseph A. Stanley, & Alessandro Rosborough (2023). “Ducks in the Pond: Elementary-School-Age Children’s Perceptions of Standard American English, African American English, and Spanish-Accented English on Scales of Status and Solidarity.” In Paris Gappmayr & Jackson Kellogg (eds.), *Proceedings of the 47th annual Boston University Conference on Language Development*, 394–407. Somerville, MA: Cascadilla Press.

Joseph A. Stanley (2022). “Order of Operations in Sociophonetic Analysis,” *University of Pennsylvania Working Papers in Linguistics*: Vol. 28: Iss. 2, Article 17. Available at: <https://repository.upenn.edu/pwpl/vol28/iss2/17>.

Joseph A. Stanley (2022). “Perceptual Dialectology of Utah.” *Schwa: Language and Linguistics*: 26. 1–10.

Joseph A. Stanley (2019). “(thr)-Flapping in American English: Social factors and articulatory motivations.” *Proceedings of the 5th Annual Linguistics Conference at UGA*, 49–63.

Joseph A. Stanley (2018). “Changes in the Timber Industry as a Catastrophic Event: bag-Raising in Cowlitz County, Washington” *Penn Working Papers in Linguistics*: Vol. 24: Iss. 2, Article 16. Available at: <https://repository.upenn.edu/pwpl/vol24/iss2/16>.

Joseph A. Stanley & Kyle Vanderniet (2018). “Consonantal Variation in Utah English.” *Proceedings of the 4th Annual Linguistics Conference at UGA*, 50–65.

Margaret E. L. Renwick & Joseph A. Stanley (2017). “Static and dynamic approaches to vowel shifting in the Digital Archive of Southern Speech.” *Proceedings of Meetings on Acoustics* 30, 060003; doi: [10.1121/2.0000582](https://doi.org/10.1121/2.0000582)

Rachel M. Olsen, Michael L. Olsen, Joseph A. Stanley, Margaret E. L. Renwick, & William A. Kretzschmar, Jr. (2017). “Methods for transcription and forced alignment of a legacy speech corpus.” *Proceedings of Meetings on Acoustics* 30, 060001. doi: [10.1121/2.0000559](https://doi.org/10.1121/2.0000559).

Joseph A. Stanley (2016). “Pacific Northwest English: Historical Overview and Current Directions”. *UGA Working Papers in Linguistics*, 3.

Joseph A. Stanley (2016). “When do Mormons Call Each Other by First Name?” *Penn Working Papers in Linguistics*: Vol. 22: Iss. 1, Article 31. Available at: <https://repository.upenn.edu/pwpl/vol22/iss1/31>.

Joseph A. Stanley (2015). “Merging Phonemes in Real Time”. *Proceedings of LSUGA’s Second Interdisciplinary Conference in Linguistics (LSUGA2)*, 1.

3.5 Book Reviews

Joseph A. Stanley (2024). “Book Review: [The Origins of Missouri English: A Historical Sociophonetic Analysis](#). *Journal of English Linguistics*. DOI: [10.1177/00754242241287181](https://doi.org/10.1177/00754242241287181).

4 Conference Presentations

4.1 Oral Presentations

Note

Student collaborators highlighted in green.

Margaret E. L. Renwick, Joseph A. Stanley, Lelia Glass, & Jon Forrest. “Complementary pre-lateral mergers across ethnicities and generations in Georgia.” American Dialect Society Annual Meeting. Philadelphia, Pennsylvania. January 9–12, 2025.

Joseph A. Stanley, Lisa Morgan Johnson, & Earl Kjar Brown. “Testing the Effect of Speaker Diarization and Speech Separation on Vowel Formant Estimates.” Linguistic Society of America Annual Meeting. Philadelphia, Pennsylvania. January 9–12, 2025.

Joseph A. Stanley, Jon Forrest, Margaret E. L. Renwick, & Lelia Glass. “Natural Class Reorganization over Apparent Time by Prelateral /u/ and /o/ in Georgia.” New Ways of Analyzing Variation 52. Miami, Florida. November 7–9, 2025.

Brett Hashimoto, Joseph A. Stanley, & Jack Grieve. “Dialect mapping of grammatical features in North American English using a corpus of geotagged Youtube transcriptions.” American Association for Corpus Linguistics. Eugene, Oregon. September 12, 2024.

Jon Forrest, Margaret E. L. Renwick, Joseph A. Stanley, & Lelia Glass. “Demographics, migration, and the African American vowel system in Georgia.” American Dialect Society Annual Meeting. New York City, New York. January 5, 2024.

Monica Nesbitt, Joseph A. Stanley, & Margaret E. L. Renwick. “Movement, Economy, Orientation: 20th Century Shifts in North American Language.” Panel organized at the American Dialect Society Annual Meeting. New York City, New York. January 5, 2024.

Zoe Eldredge & Joseph A. Stanley. “Exploring the Effects of Cross-Cultural Variation and Tourism in Utah English.” Linguistic Society of America Annual Meeting. New York City, New York. January 4, 2024.

Joshua Stevenson, Joseph A. Stanley, & Wendy Baker-Smemoe. “The Missionary Voice: Perceptions of an Emerging Register.” Linguistic Society of America Annual Meeting. New York City, New York. January 4, 2024.

Heather Johnson, Wendy Baker-Smemoe, Joseph A. Stanley, & Alessandro Rosborough. “Children’s Perceptions of Ethnic Varieties of English.” Florida Psycholinguistics Meeting. Gainesville, Florida. October 21, 2023.

Zoe Eldredge & Joseph A. Stanley. “Exploring the Effects of Cross-Cultural Variation and Tourism in Utah English.” New Ways of Analyzing Variation 51. New York City, New York. October 13–15, 2023.

Kateryna Kravchenko & Joseph A. Stanley. “An analysis of Ukrainians’ language attitudes and ideology: A conflict-catalyzed identity shift.” New Ways of Analyzing Variation 51. New York City, New York. October 13–15, 2023.

Chad Huckvale & Joseph A. Stanley. “Perceptions of ‘Southern’ Utah English.” New Ways of Analyzing Variation 51. New York City, New York. October 13–15, 2023.

Kateryna Kravchenko & Joseph A. Stanley. “Surzhyk: Attitudes and Usage among Ukrainian People.” 5th annual Sociolinguistics Symposium. Champaign, Illinois. March 2–3, 2023.

- Joseph A. Stanley & KaTrina Jackson. “Is Idaho English really ‘the Epitome of Average English’?”. The American Dialect Society Annual Meeting. Denver, CO. January 6, 2023.
- Joseph A. Stanley. “Utahns sound Utahn when they avoid sounding Utahn.” The 97th Annual Meeting of the Linguistic Society of America. Denver, CO. January 6, 2023.
- Heather Johnson, Wendy Baker-Smemoe, Joseph A. Stanley, & Alessandro Rosborough. “Ducks in the pond: Elementary-school-age children’s perception of Standard American English, African American English, and Spanish-accented English on scales of status and solidarity.” The 47th Boston University Conference on Language Development (BUCLD). Boston, MA. November 4, 2022.
- Joseph A. Stanley & Betsy Sneller. “How Sample Size Impacts Pillai Scores – and What Sociophoneticians Should Do About It.” *New Ways of Analyzing Variation* 50. San Jose, CA. October 14, 2022.
- Margaret E. L. Renwick, Joseph A. Stanley, Jon Forrest, & Lelia Glass. “A Mid-Century Peak for the Southern Vowel Shift: Evidence from Georgia.” *LabPhon* 18. Online. June 23–25, 2022.
- Joseph A. Stanley. “Generational Change in Formant Trajectories: The Low-Back-Merger Shift in Longview, Washington.” The 4th Cascadia Workshop in Sociolinguistics. Online, May, 2022.
- Dot-Eum Kim & Joseph A. Stanley. “The Participation in Non-Local Changes and the Rejection of Southern Speech by Korean Americans in Georgia.” *Southeastern Conference on Linguistics* 89. Online, March 31–April 2, 2022.
- Jon Forrest, Margaret E. L. Renwick, Joseph A. Stanley, & Lelia Glass. “Consistent Variability: African-American Vowel Systems in Georgia.” *Southeastern Conference on Linguistics* 89. Online, March 31–April 2, 2022.
- Joseph A. Stanley, Jon Forrest, Lelia Glass, & Margaret E. L. Renwick. “Perspectives on Georgia vowels: From legacy to synchrony.” The American Dialect Society Annual Meeting. Washington, D.C., January 6, 2022.
- Joseph A. Stanley & Lisa Morgan Johnson. “Vowels can merge because of changes in trajectory: Prelaterals in rural Utah English.” The 96th Annual Meeting of the Linguistic Society of America. Washington, D.C. January 6–9, 2022.
- Joseph A. Stanley. “Order of Operations in Sociophonetic Data Analysis.” *New Ways of Analyzing Variation* 49. Online. October 19–24, 2021.
- Joseph A. Stanley & Margaret E. L. Renwick. “100 Years of Georgia English.” *New Ways of Analyzing Variation* 49. Online. October 19–24, 2021.
- Joseph A. Stanley. “Methodological considerations in the study of infrequent phonological variables: The case of English /e / and / /.” *Word-specific phenomena in the realization of vowel categories: Methodological and theoretical perspectives (LabPhon 17 Satellite Workshop)*. Vancouver, British Columbia[Online]. September, 2020.
- ~~Joseph A. Stanley. “Beyond midpoints: Vowel dynamics of the Low-Back-Merger Shift.” *Cascadia Workshop in Sociolinguistics*. Vancouver, British Columbia. April, 2021. (Cancelled due to COVID-19.)~~
- Joseph A. Stanley & Margaret E. L. Renwick. “Back vowel distinctions and dynamics in Southern US English.” The 94th Annual Meeting of the Linguistic Society of America. New Orleans, LA. January 2–5, 2020.
- Joseph A. Stanley. “Real Time Vowel Shifts in Georgia English.” The 6th Annual Linguistics Conference at UGA ([LCUGA6](#)). Athens, GA. October 4–5, 2019.

- William A. Kretzschmar, Jr. & Joseph A. Stanley. “Visualization of Big Data Phonetics.” [Digital Humanities Conference 2019](#). Utrecht, the Netherlands. July 9–12, 2019.
- Joseph A. Stanley. “Are BEG and BAG-raising distinct? Regional patterns in prevelar raising in North American English.” American Dialect Society Annual Meeting. New York City, NY. January 3–6, 2019.
- Rachel M. Olsen, Joseph A. Stanley, Michael Olsen, Lisa Lipani, & Margaret E. L. Renwick. “Reconciling perception with production in Southern speech.” American Dialect Society Annual Meeting. New York City, NY. January 3–6, 2019.
- Joseph A. Stanley & Margaret E. L. Renwick. “Finding pockets of social variation in the Digital Archive of Southern Speech.” The 5th Annual Linguistics conference at UGA (LCUGA5). Athens, GA. October 12–13, 2018.
- Joseph A. Stanley. “(thr)-tapping in American English: Articulatory motivations and social factors.” The 5th Annual Linguistics conference at UGA (LCUGA5). Athens, GA. October 12–13, 2018.
- Joseph A. Stanley & [Kyle Vanderniet](#). “What el[t]se is happening[k] with Utah English consonants?” American Dialect Society (ADS) Annual Meeting. Salt Lake City, UT. January 5–8, 2018.
- Joseph A. Stanley, Margaret E. L. Renwick, William A. Kretzschmar Jr., Rachel M. Olsen, & Michael Olsen. “The Gazetteer of Southern Vowels.” American Dialect Society (ADS) Annual Meeting. Salt Lake City, UT. January 5–8, 2018.
- Joseph A. Stanley & [Kyle Vanderniet](#). “Consonantal variation in Utah English: What el[t]se is happening[k]?” The 4th Annual Linguistics Conference at UGA ([LSUGA4](#)). Athens, GA. October 6–8, 2017.
- Joseph A. Stanley. “The linguistic effects of a changing timber industry: Language change in Cowlitz County, WA.” The 4th Annual Linguistics Conference at UGA ([LSUGA4](#)). Athens, GA. October 6–8, 2017.
- Rachel Olsen, Michael Olsen, Katherine Kuiper, Joseph A. Stanley, [Margaret E. L. Renwick](#), & William A. Kretzschmar, Jr. “New Perspectives on Historical Southern Speech.” Panel presented at the 2017 Integrative Research and Ideas Symposium (IRIS). Athens, GA. March 20, 2017.
- Rachel Olsen, Michael Olsen, Joseph A. Stanley & [Margaret E. L. Renwick](#). “Transcribing the Digital Archive of Southern Speech: Methods and Preliminary Analysis.” 84th Meeting of the SouthEastern Conference on Linguistics ([SECOL84](#)). Charleston, SC. March 8–11, 2017.
- William A. Kretzschmar, Joseph A. Stanley, & Katherine Kuiper. “Automated Large-Scale Phonetic Analysis: DASS.” 84th Meeting of the SouthEastern Conference on Linguistics ([SECOL84](#)). Charleston, SC. March 8–11, 2017.
- Joseph A. Stanley. “V[]ry v[e]ried vowel mergers in the Pacific Northwest.” Diversity and Variation in Language (DiVar 1). Atlanta, GA. February 10–11, 2017.
- Joseph A. Stanley. “The perception and production of two vowel mergers in Cowlitz County, Washington.” The American Dialect Society Annual Meeting. Austin, TX. January 5–8, 2017.
- Joseph A. Stanley. “An EWP model of Quechua agreement: Further evidence against DM”. The Third Annual Linguistics Conference at the University of Georgia ([LCUGA3](#)). Athens, GA. October 7–9, 2016.
- Joseph A. Stanley. “Separate Phonemes / r / Merging? The Cord-Card Merger in Real-Time”. The Second Interdisciplinary Linguistics Conference at UGA ([LCUGA2](#)). Athens, GA. October 9–11, 2015.

Joseph A. Stanley. “Brother Bell’s Audience Types: Forms of Address among Latter-day Saint Young Adults”. 82nd Meeting of the Southeastern Conference on Linguistics (SECOL82). Raleigh, NC. April 9–11, 2015.

Joseph A. Stanley. “Brother Bell’s Audience Design: Forms of Address among Latter-day Saint Young Adults”. 39th Annual Penn Linguistics Conference ([PLC39](#)). Philadelphia, PA. March 19–21, 2015.

[Janis Nuckolls](#), Joseph A. Stanley, Elizabeth Nielsen, and Roseanna Hopper. “The systematic stretching and adjusting of ideophonic phonology in Pastaza Quichua”. Annual Meeting of the Society for the Study of Indigenous Languages of America (SSILA 2013). Boston, MA. January 3–6, 2013.

4.2 Poster Presentations

i Note

Student collaborators highlighted in green.

Joseph A. Stanley & Hallie Davidson. “Variation in Early 20th Century Rural Utah English”. Poster presentation at the American Dialect Society Annual Meeting. Philadelphia, Pennsylvania. January 9–12, 2025.

Hallie Davidson & Joseph A. Stanley. “Social Meaning of Closure Duration in the Affrication of /ls/ and /l / in Utah English.” “Project Launch” Poster Presentation at New Ways of Analyzing Variation 52. Miami, Florida. November 7–9, 2024.

Ammon Hunt, Mark Tanner, Joseph A. Stanley, and Jeff Parker. “Using Corpus Data to Empirically Investigate Native English Speakers’ Pausing Patterns.” Poster Presentation at PSLLT2023 (Pronunciation in Second Language Learning and Teaching). West Lafayette, IN. September 6–8, 2023.

Margaret E. L. Renwick, Jon Forrest, Lelia Glass, & Joseph A. Stanley. “Vowel trajectories of African Americans in Georgia, USA.” Poster presentation at the 183rd Meeting of the Acoustical Society of America (ASA). Nashville, TN. December 9, 2022.

Joseph A. Stanley, Jessica Shepherd, & Auna Nygaard. “Homogeneity and Heterogeneity in Western American English.” Poster presentation at the American Dialect Society Annual Meeting. Washington, D.C. January 7, 2022.

Joseph A. Stanley & [Betsy Sneller](#). “Sample size matters when calculating Pillai scores.” Poster presentation at the 181st Meeting of the Acoustical Society of America (ASA). Seattle, WA. November 29, 2021.

Joseph A. Stanley. “Beyond Midpoints: Vowel Dynamics of the Low-Back-Merger Shift.” Poster presentation at the 181st Meeting of the Acoustical Society of America (ASA). Seattle, WA. November 29, 2021.

William A. Kretzschmar, Jr., Margaret E. L. Renwick, Joseph A. Stanley, Katie Kuiper, Lisa Lipani, Michael Olsen, & Rachel Olsen. “The View of Southern Vowels from Large-Scale Data.” Poster presentation at the American Dialect Society Annual Meeting. New Orleans, LA. January 2–5, 2020.

Joseph A. Stanley & Margaret E. L. Renwick. “Social factors in Southern US speech: Acoustic analysis of a large-scale legacy corpus.” Poster presentation at the 93rd Annual Meeting of the Linguistic Society of America. New York City, NY. January 3–6, 2019.

Joseph A. Stanley. “The differences between and within BEG and BAG: Phonological, morphological, and lexical effects in prevelar raising.” Poster presentation New Ways of Analyzing Variation 47. New York City, New York. October 18–21, 2018.

Shawn Foster, Joseph A. Stanley, & Margaret E. L. Renwick. “Vowel Mergers in the American South.” Poster presentation at the 174th Meeting of the Acoustical Society of America (ASA). New Orleans, LA. December 4–8, 2017.

Joseph A. Stanley. “Changes in the Timber Industry as a Catalyst for Linguistic Change.” Poster presentation at New Ways of Analyzing Variation 46. Madison, WI. November 2–5, 2017.

[Margaret E. L. Renwick](#) & Joseph A. Stanley. “An acoustic perspective on vowel shifting: Acoustic analysis of the Digital Archive of Southern Speech” Poster presentation at the 173rd Meeting of the Acoustical Society of America (ASA). Boston, MA. June 25–29, 2017.

[Margaret E. L. Renwick](#), Michael Olsen, Rachel M. Olsen, & Joseph A. Stanley. “Transcription and forced alignment of the Digital Archive of Southern Speech.” Poster presentation at the 173rd Meeting of the Acoustical Society of America (ASA). Boston, MA. June 25–29, 2017.

Joseph A. Stanley & [Margaret E. L. Renwick](#). “Phonetic Shift / r/ Phonemic Change? American English mergers over 40 years”. Poster presentation at the 15th Conference on Laboratory Phonology ([LabPhon15](#)). Ithaca, NY. July 13–16, 2016.

5 Workshops

2020 LaTeX Workshop Series with Caleb Crumley and Jonathan Crum. University of Georgia DigiLab. Athens, GA

Introduction to LaTeX. January 31 & February 21.

The UGA LaTeX Template. February 7 & 28.

Advanced Topics in LaTeX February 14.

2019 Praat Scripting Workshop Series with Lisa Lipani. University of Georgia DigiLab. Athens, GA.

Praat Basics: Introduction to the software. September 11.

Praat Scripting Basics: Loops, I/O, and TextGrids. September 18.

Automatic Formant Extraction (and other acoustic measures) in Praat. October 2.

2019 Data Visualization Workshop Series. University of Georgia DigiLab. Athens, GA.

An intro to data visualization in R using ggplot2. August 21.

Customizing your plots to make that perfect visual. August 28.

Generalize your aesthetics using custom themes in ggplot2. September 4.

Fidelity, integrity, and sophistication: Edward Tufte’s principles of data visualization. October 16.

Send the right message: The dos and don’ts of color in data visualization. October 23. (with Meagen Duever)

2018 R Workshop Series. University of Georgia DigiLab. Athens, GA.

Intro to R (Part 1). January 19.

Intro to R (Part 2). January 26.

Building Interactive Webpages in R: Introduction to Shiny (Part 1). February 2.

Building Interactive Webpages in R: Introduction to Shiny (Part 2). February 9.

Visualizations I: Introduction to ggplot2. February 16.

Visualizations II: Customizing plots in ggplot2. February 23.

Clean and tidy data: Tidyverse Part 1. March 2.

Transform, reshape, and modify your data: Tidyverse Part 2. March 23.

Communicate to your audience with R Markdown. March 9.

2017 R Workshop Series. University of Georgia DigiLab. Athens, GA.

An Introduction to R: Learn the Basics. September 13.

An Introduction to ggplot2. October 12.

An Introduction to the Tidyverse. November 10.

Professionalization Workshops

How to make an Academic Poster: An Opinionated Tutorial. Workshop given to members of the BYU Linguistics Department. Provo, UT. March 10, 2022.

How to make an Academic Poster: An Opinionated Tutorial. Workshop given to members of the BYU Linguistics Department. Provo, UT. October 20, 2021.

A workshop on preparing conference abstracts. Given by invitation by the Linguistics Club at the University of Georgia. Athens, GA. March 5, 2020.

Brand Yourself: Boosting Your Online Presence (for linguistics grad students). Workshop given by invitation by the University of Georgia Department of Linguistics. Athens, GA. March 3, 2020.

Brand Yourself: Boosting Your Online Presence. Workshop given at the University of Georgia as a part of the Graduate Research Workshop Series sponsored by UGA Libraries. Athens, GA. September 20 and 26, 2019.

How to make an Academic Poster: An Opinionated Tutorial. Workshop given to members of the Linguistics Society at UGA and the Linguistics Club. Athens, GA. September 11, 2019.

Brand Yourself: Creating a Digital, Professional Presence. Invited workshop at the DigiLab, Main Library, University of Georgia, Athens, GA. September 27, 2018.

Brand Yourself: A professionalization workshop for grad students. Guest lecturer in ANTH 8755: Topics in (Anthropology) Research. Athens, GA. April 13, 2017.

Brand Yourself: A professionalization workshop for grad students. Workshop given at the University of Georgia DigiLab. Athens, GA. November 11, 2016. (with Emily McGinn)

Excel Workshops

Be a Data Magician: An Excel Workshop for Humanists. Workshop given at the University of Georgia DigiLab. Athens, GA. January 27, 2017.

6 Other Presentations

6.1 Invited Presentations

“Utahns sound Utahn when they avoid sounding Utahn.” Western American Studies Lecture Series. Provo, Utah. October 31, 2024.

“Enriching our understanding of language change with vowel formant trajectories.” Macquarie University Centre for Language Sciences (CLaS) Colloquium series. Sydney, Australia (delivered remotely). August 31, 2023.

“Modeling Change in American English Accents.” BYU Statistics Department Seminar. Brigham Young University, Provo, Utah. September 8, 2022.

“A Brief Intro to the study of Varieties of English.” BYU’s Summer of Academic Refinement program (SOAR). Brigham Young University, Provo, Utah. June 22, 27, and July 11.

“Is Editing Racist, Elitist, or Discriminatory?” Panel member in “Situating Editing in a Linguistics Department: A Seminar Series.” Brigham Young University, Provo, Utah. March 1, 2022.

“Explaining Office Hours.” Panel member in a seminar called “Make a Good First Impression with Your Syllabus.” Center for Teaching and Learning, Brigham Young University, Provo, Utah. February 18, 2022.

“What can vowel formant trajectories tell us about language change?” Sociolinguistics Group, University of Washington, Seattle, Washington. November 30, 2021.

“What can vowel formant trajectories tell us about language change?” Linguistics Colloquium Talks, University of Utah, Salt Lake City, Utah. October 28, 2021.

“Prepping for the future with a degree in linguistics.” The Linguistics Club at the University of Georgia. Athens, GA (delivered remotely). November 12, 2020.

Margaret E. L. Renwick & Joseph A. Stanley. “100 years of speech in Georgia.” Workshop on Language, Technology, and Society series. Georgia Institute of Technology, Atlanta, GA (delivered remotely). November 11, 2020.

“Data Visualization and Basic Statistical Modeling in R.” Invited workshop for an NSF-funded “Research Experience for Undergraduates” program, helping bioanthropology students analyze osteological data from skeletons at the 7–5th c. BCE Greek colony of Himera. June 21 and 25, 2018.

“Build a better project: Starting a DH project from primary sources.” Presented at the First [DigiLab](#) Colloquium. Athens, GA. October 6, 2016.

6.2 Guest Lectures

“Cool sociophonetics stuff I did with the statistics and coding as a linguistics major.” (Alternative title: “Why I’m glad I learned statistics and coding as a linguistics major.”) Guest lecturer in LING 198: Career Explorations in Linguistics. Brigham Young University, Provo, UT. April 3, 2023, October 26, 2023, February 28, 2024

“Generalized Additive Mixed Effects Models.” Guest lecturer in LING 604: Research Methods. Brigham Young University, Provo, UT. March 28, 2023.

Guest discussant in Advanced Methods in Sociophonetics. Georgetown University, Washington DC (delivered remotely). January 23, 2023.

4-day lecture series on Praat: Introduction to the Software, Analyzing Consonants, Analyzing Vowels, and Audio Manipulation & Visualization. LING 240: Linguistics Tools. Brigham Young University, Provo, UT. October 16–23, 2020.

“Modeling non-linear changes in time using generalized additive models.” LING 4886/6886: Text and Corpus Analysis. University of Georgia, Athens, GA. November 12, 2019.

“Basics, Review, Summary, Help.” LING 4400/6400: Quantitative Methods in Linguistics. University of Georgia, Athens, GA. April 20.

“Phonology of Tone.” LING 3060: Phonetics and Phonology. University of Georgia, Athens, GA. April 20.

6.3 Miscellaneous Presentations

“Relief Society Voice” with Wendy Baker-Smemoe. Linguistics Discussion Group. Provo, UT. February 13, 2024.

“The Boomer–Gen X Transition and its effect on American English.” Linguistics Discussion Group. Provo, UT. April 11, 2023.

“Why I’m glad I learned statistics and coding as a linguistics major.” Professor’s Story night. Linguistics Student Society. Provo, UT. January 24, 2023.

“What can vowel formant trajectories tell us about language change?” Linguistics Discussion Group. Provo, UT. October 12, 2021.

“Order of Operations in Sociophonetic Data Analysis.” Linguistics Discussion Group. Provo, UT. January 26, 2021.

Professor’s Story night. Linguistics Student Society. Provo, UT. November 19, 2020.

“Vowel Dynamics of the Low Vowels in Cowlitz County, Washington”. University of Georgia Linguistics Colloquium. Athens, GA. January 10, 2020.

“Vowel Dynamics of the Elsewhere Shift: A Sociophonetic Analysis of English in Cowlitz County, Washington.” Dissertation defense. Athens, GA. December 19, 2019.

“Linguistics Papers Collection in Athenaeum” with Mariann Burright and Mary Willoughby. Libraries Spring Forum. Athens, GA. February 26, 2019.

“/ /-raising is straightforward? I beg to differ!” The Linguistic Society of the University of Georgia (LSUGA) Tiny Talks. Athens, GA. April 13, 2018.

“Hey, Siri. Can you understand me?” Three Minute Thesis (3MT™) Competition at the University of Georgia. March 22, 2018.

“New methods in outlier detection and formant measurement using a modified Mahalanobis distance and ‘mistplots.’” University of Georgia Linguistics Colloquium. Athens, GA. February 9, 2018.

“Near-mergers in Cowlitz County, Washington.” Second Qualifying Paper defense. Program in Linguistics, University of Georgia, Athens, GA. May 4, 2017.

“Volcanic Vocalic Changes”. University of Georgia Linguistics Colloquium. Athens, GA. April 7, 2017.

“Linguistic Identity in Longview, Washington.” Three Minute Thesis (3MT™) Competition at the University of Georgia. March 23, 2017.

“An EWP model of Quechua agreement: Further evidence against DM.” Presented at the Linguistic Society of the University of Georgia (LSUGA) Tiny Talks. Athens, GA. September 15, 2016.

“Southeastern Washington English: What We Know So Far”. The Linguistic Society of the University of Georgia (LSUGA) Talks. Athens, GA. February 18, 2016.

“When do Mormons Call Each Other by First Name?” First Qualifying Paper defense. Program in Linguistics, University of Georgia, Athens, GA. January 29, 2016.

“Brother Bell’s Audience Design: Forms of Address among Latter-day Saint Young Adults”. University of Georgia Linguistics Colloquium. Athens, GA. February 27, 2015.

“The systematic stretching and adjusting of ideophonic phonology in Pastaza Quichua” with [Janis Nuckolls](#), Elizabeth Nielsen, and Roseanna Hopper. Presentation at the Brigham Young University Linguistics Department Brown Bag Meeting. Provo, UT. December 6, 2012.

7 Digital Output

7.1 Website

Joseph A. Stanley, William A. Kretzschmar Jr., Margaret E. L. Renwick, Michael L. Olsen, and Rachel M. Olsen (2017) *Gazetteer of Southern Vowels*. Linguistic Atlas Project, University of Georgia. lap3.libs.uga.edu/u/jstanley/vowelcharts/.

7.2 R Packages

joeysvowels: An R package of datasets, based on my own speech, for use when demonstrating R code. R package version 0.1.0. <http://joeystanley.github.io/joeysvowels/>

barktools: Functions to help when working with Barks. R package version 0.2.0. <http://joeystanley.github.io/barktools>

futurevisions: Color Palettes based on Visions of the Future Poster Series. R package version 0.1.1. <http://github.com/JoeyStanley/futurevisions>

joeyr: Functions for Vowel Data. R package version 0.3.5. <https://joeystanley.github.io/joeyr/>

7.3 Media

Jedidiah A. Flores. “Missionary Talk.” *Y Magazine*. Fall 2024 issue. Based on [Stanley, Baker-Smemoe, & Stevenson 2024](#).

Rachel Bowden. “Missionary Voice: Real or Fake?” *Linguistics Department Local News*. June 25, 2024. Based on [Stanley, Baker-Smemoe, & Stevenson 2024](#).

Katie Cowart. “Classic Georgia accent fading fast.” *UGA Today*. September 7, 2023. Based on [Renwick et al. \(2023\)](#).

Justin Higginbottom. *KZMU*, based in Moab, Utah. June 28, 2022. A 3.5-minute radio clip about my research on Utah English and “Mormonese.”

Lauren Paterson. “Language Of The Rockies: Linguist Seeks Speaking Patterns In Idaho And Utah.” *Northwest Public Broadcasting*, based in Coeur d’Alene, Idaho. April 13, 2022. A 1-minute radio clip about a project on Idaho English.

“PhD. Candidate Seeks to Interview Multigenerational Wasatch County Families.” [The Wasatch Wave](#). January 3, 2018. A local paper heard about my fieldwork and ran an article on the front page to help me find research participants. (Print only.)

Ehrenberg, Rachel. “The southern drawl gets deconstructed.” [ScienceNews](#). June 30, 2017. Based on Peggy Renwick’s and my poster presentation, “A historical perspective on vowel shifting: Acoustic analysis of the Digital Archive of Southern Speech” at the June 2017 ASA conference.

Guest host on *Faith Promoting Rumors* podcast. “Brother Joseph,” April 10, 2017, wherein I discuss my 2016 paper, “When do Mormons Call Each Other by First Name” published in the *Penn Working Papers in Linguistics*.

8 Teaching

8.1 At Brigham Young University (as faculty)

The Sounds of Language (LING 210)	Winter 2024, Winter 2025
English Phonetics & Phonology (ELING 327)	Winter 2022, Winter 2023
Applied Phonetics (ELING 327)	Winter 2024, Winter 2025
Linguistic Tools 1 (LING 240)	Fall 2020, Fall 2021, Fall 2024
Linguistic Data Analysis (LING 580R)	Fall 2022
Research Design in Linguistics (LING 604)	Winter 2021, Winter 2022, Winter 2024
Introduction to Varieties of English (ELING 468)	Summer 2020, Fall 2020, Fall 2021
African American English (LING 495R)	Spring 2023, Spring 2024
Intro to Sociolinguistics (LING 452)	Winter 2022, Winter 2023, Winter 2024
Sociolinguistics (LING 550)	Winter 2021, Fall 2021, Fall 2022, Fall 2024
Sociolinguistic Fieldwork (LING 580R)	Winter 2023

1 Co-taught with Lisa Johnson

2 Co-taught with Earl Brown

3 Co-taught with Dan Dewey

4 Focus on the British Isles

8.2 At the University of Georgia

Phonetics and Phonology (LING 3060)	Fall 2017, Spring 2019.
Quantitative Methods in Linguistics (LING 4400/6400)	Spring 2017.
Teaching Assistant for Peggy Renwick.	

8.3 At Brigham Young University (as a student)

Linguistic Computing and Programming 1 (LINGC 220). Teaching Assistant for Jason Dzubak. Winter 2013.

Basic Humanities Computing Skills (LINGC 200). Teaching Assistant for Monte Shelley. Fall 2011, Winter 2012, Fall 2012.

9 Advising

9.1 MA Thesis Chair

Dani Harper (MA, Linguistics, *current*).

Kateryna Kravchenko (MA, Linguistics, *current*). Thesis title: *Language Shift during War: An analysis of Change in Language Attitudes and Ideology Facilitating an Identity Shift among Ukrainians*.

Chad Huckvale (MA, Linguistics, 2023). Thesis title: *Utah English: A Perceptual Dialectology Study*.

9.2 MA Thesis Committee Member

Max Jensen (MA, Linguistics, 2024): *Linguistic Perspectives in Ecuadorian Amazonian Kichwa*.

Rebecca Brenkman (MA, Linguistics, 2023): *Afrikaans Taboo Words: Offensiveness Ranking and Reflections of Usage*.

Ammon Hunt (MA, TESOL, 2023). Thesis title: *Pausing in American English: Documenting Native English Speakers' Pausing Patterns*.

Ying Suet Michelle Lung (MA, TESOL, 2022). Thesis title: *The Impact of Rubric Training on Students' Self-Efficacy and Self-Regulated Learning*.

Heather Johnson (MA, Linguistics, 2022). Thesis title: *Ducks in the pond: Elementary-school-age children's perceptions of Standard American English, African American English, and Spanish-accented English on scales of status and solidarity*.

9.3 Undergraduate Honors Thesis Chair

Joshua Stevenson (BA, Linguistics, 2023). Thesis title: *The "Missionary Voice": Bona Fide Sociolect or Figment of the Mormon Linguistic Imagination?*

9.4 Faculty Mentor

Hallie Plane. [Humanities Undergraduate Mentoring Grant](#) recipient. Project title: *Social Meaning of Closure Duration in the Affrication of /ls/ and /l/ in Utah English*. 2024-.

Savannah Jepson. [Humanities Undergraduate Mentoring Grant](#) recipient. Project title: *Lapoint, Utah English*. 2023.

Zoe Eldredge. Directed individual research project. Project title: *Park City English*. 2023.

Sarah Beecroft, 2022 Recipient of a [Jack & Mary Lois Wheatley Endowed Leadership Scholarship](#). Project Title: *Foreign Language Return Missionaries and Accent Opinions*. 2023.

9.5 Other Positions

Graduate Thesis Reader for Shawn C. Foster, UGA Center for Undergraduate Research Opportunities Assistantship. Thesis title: *Conditioned Front Vowel Mergers in the American South*. 2018.

10 Funding and Awards

10.1 Grants

Annalee Naegle Redd Assistantship, awarded by the Charles Redd Center for Western Studies (\$2,500). "The Kohler Tapes: An in-depth look at early 20th Century Utah English." May 2024

BYU College of Humanities Research Funding (\$2,500). "Idaho English." September 2, 2022.

John Topham and Susan Redd Butler BYU Faculty Research Award (\$2,000), awarded by the Charles Redd Center for Western Studies. "The Development of Utah English in Heber City." May 4, 2021.

BYU College of Humanities Research Funding (\$3,500). "The Low-Back-Merger Shift in the Western United States." December 23, 2020.

Summer Doctoral Research Fellowship (\$3,500), awarded by the University of Georgia Graduate School. Project title: A New Method for Extracting Acoustic Measurements from Speech Audio. May–June, 2018

American Dialect Society student travel grant (\$500). ADS. Salt Lake City, UT. January 2018.

Graduate Research Award (\$1000), awarded by the University of Georgia Willson Center for Humanities and Arts. Project title: “Intra-Family Language Variation in Utah County, Utah.” October 12, 2017.

Innovative and Interdisciplinary Research Grant (\$2,500), awarded by the University of Georgia Graduate School. Project title: “A Survey of Western American English using Amazon Mechanical Turk.” April 20, 2017.

University of Georgia Graduate School Dean’s Award (\$1,250). Project title: “Linguistic Identity and the Founder Effect in Longview, Washington.” January 5, 2016.

10.2 Research Assistantships

Complex Systems and the Humanities Research Assistantship awarded by the Graduate School at the University of Georgia (\$17,664 per year). Split time between the [Linguistic Atlas Project](#) and the [DigiLab](#), under the direction of [William A. Kretzschmar, Jr.](#) and [Emily McGinn](#). 2016–2020.

University of Georgia stipend enhancement awarded by the Franklin College of Arts and Sciences. 2014–2015.

University of Georgia Graduate Research Assistantship. Included work for Chad Howe, Peggy Renwick, Mi-Ran Kim, Vera Lee-Schoenfeld, and Pilar Chamorro. 2014–2016.

Research Assistant for Monte Shelley, [Maxwell Institute for Religious Scholarship](#), Brigham Young University. 2012–2013.

Research Assistant for Janis Nuckolls. Department of Linguistics and English Language, Brigham Young University. 2012–2013.

10.3 Travel Awards

Linguistic Atlas Project travel award. DH2019. Utrecht, the Netherlands. July 2019.

Linguistic Atlas Project travel award. ADS and LSA. Salt Lake City, UT. January 2019.

University of Georgia Graduate School travel award. NWAV47. New York City, NY. October, 2018.

Linguistic Atlas Project travel award. ADS. Salt Lake City, UT. January 2018.

University of Georgia Department of Linguistics travel award. NWAV46. Madison, WI. November, 2017.

University of Georgia Graduate School travel award. NWAV46. Madison, WI. November, 2017.

Linguistics Society of the University of Georgia travel award. DiVar1. Atlanta, GA. February, 2017.

University of Georgia Graduate School travel award. ADS. Austin, TX. January, 2017.

University of Georgia Linguistics Program travel award. ADS. Austin, TX. January, 2016.

Brigham Young University Department of Linguistics and English Language conference travel grant. SSILA. January, 2013.

10.4 Other Employment

US English Linguistics Expert for DefinedCrowd. Summer 2019.

Assistant for Dr. Peggy Renwick in developing materials and establishing an online repository for “Quantitative Methods in Linguistics” at the University of Georgia. 2016–2017.

Programmer for the [Maxwell Institute for Religious Scholarship](#). 2013.

11 Professional Service

11.1 Editorial

Linguistics Vanguard. Area Editor: Sociolinguistics. (2024–2027)

Frontiers in Artificial Intelligence. Handling Editor. (2021)

Joseph A. Stanley, Julia Steele Josephs, Jonathan Crum, & Frithjof Timo Wöhrmann (2022). *Proceedings of the 6th Annual Linguistics Conference at UGA*. Linguistics Society at UGA, Athens, GA.

Joseph A. Stanley and Conni Covington, co-editors (2019). *UGA Working Papers in Linguistics*, Volume 4. Linguistics Society at UGA, Athens, GA.

11.2 Manuscript reviewer

American Speech (2021, 2022, 2023)

Diachronica (2024)

Frontiers in Communication (2021)

Journal of English Linguistics (2021, 2024)

Journal of the Acoustical Society of America (2022, 2024)

Journal of Phonetics (2024)

Laboratory Phonology (2021)

Language Sciences (2024)

Language and Linguistic Compass (2022)

Language and Speech (2021, 2023)

Language Variation and Change (2020, 2022, 2023)

Linguistics Vanguard (2021, 2022 (×3))

Studia Linguistica Universitatis Iagellonicae Cracoviensis (2021)

University of Georgia Working Papers in Linguistics (2023)

11.3 Book Proposal Reviewer

Routledge (2024)

11.4 Abstract Reviewer

Language Variety in the South V (2023)

New Ways of Analyzing Variation 50–51 (2022–2023)

97th–100th Annual Meetings of the Linguistic Society of America (2021–2024)

4th–6th Linguistics Conferences at UGA (2017–2019)

11.5 Conference Committees

4th–6th Linguistics Conferences at UGA. Social media subcommittee, webmaster, organizer of the Undergraduate Poster Session, typesetter, and miscellaneous other duties. 2017–2019.

11.6 Other Service

Linguistic Atlas Project Advisory Board. 2022–

Faculty liaison to BYU Linguistics Department’s Graduate Student Society. 2022–.

Three Minute Thesis (3MT™) Competition Judge (2021, 2022) and Emcee (2023, 2024) for the BYU Linguistics Department MA students.

Member of the American Dialect Society New Words Committee. 2018–.

UGA Linguistics Graduate Student Representative. 2018–2019.

Web developer for the Linguistics Society at UGA. 2018–2020.

Organizer of the UGA Sociolinguistics reading group. 2017.

Organizer of the UGA Perl Study group. 2016.

Organizer of the UGA Typology reading group. 2016.

English-to-Portuguese simultaneous interpreter, Missionary Training Center, Provo, Utah. 2011–2013.

11.7 Professional Affiliations

[The Linguistic Society of America](#), 2012–lifetime

[The American Dialect Society](#), 2016–lifetime

[The Linguistics Society at the University of Georgia](#), 2017–2020

[SouthEastern Conference on Linguistics](#), 2015

[Society for the Study of the Indigenous Languages of the Americas](#), 2012

12 Skills and Experience

12.1 Computer Skills & Tools

Expert (=I could teach a course on these): R(Studio), tidyverse, ggplot2, Praat, LaTeX, Perl, Word, Excel, [DARLA](#)

Proficient (=I’ve used these regularly and could help with some things): [COCA](#) (and [related corpora](#)), [ELAN](#), [FastTrack](#), [FAVE](#), [Jamovi JMP](#), [Markdown](#), [Shiny](#), [WordCruncher](#), [Zotero](#), and enough CSS, HTML, and web design to make this site.

Familiar (=I still need guidance): [Access](#), [AntConc](#), [C#](#), [DreamWeaver](#), [HTK](#), [LaBB-CAT](#), [MALLET](#), [PCT](#), [Photoshop](#), [Prosody-Lab Aligner](#), [Python](#), [SAS](#), [SoX](#), [SPPAS](#), [Transcriber](#), [UCINET](#), [VBA](#), [WebMAUS](#), [Wiki markup](#)

12.2 Fieldwork Experience

Ongoing sociolinguistic fieldwork in Utah County, Utah. 2023–.

Sociolinguistic fieldwork in Utah and Wasatch Counties, Utah. January, 2018.

Sociolinguistic fieldwork in [Cowlitz County, Washington](#). July, 2016.

Study abroad at the [Andes and Amazon Field School](#) near Tena, Ecuador, documenting Tena and Pastaza Kichwa phonology. June–July, 2011.

Brazil (Marília, SP; Campo Grande, MS; Cáceres, Cuiabá, and Várzea Grande, MG). 2008–2010. (Not linguistics related.)

12.3 Languages (more details [here](#))

Native: English

Fluent: Brazilian Portuguese

Conversational: Spanish, [Quechua](#)

Academic Knowledge: [Guaraní](#), Mandarin, [Tz’utujil](#), [Tshiluba](#), Korean

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