

Mercedes Martinez Bruera

Ph.D. Candidate at Goethe University Frankfurt

Personal Information

- **Name:** Mercedes Rosario Martinez Bruera
- **Date and place of birth:** 09.11.1998, Argentina
- **Citizenship:** Italian, Argentinian
- **Email:** MartinezBruera@em.uni-frankfurt.de
- **Website:** <https://mercedesmbruera.github.io/>

Education

- **Ph.D. in Romance Linguistics** 2022 - present
Goethe University Frankfurt
Supervisors: Dr. Sol Lago, Dr. Esther Rinke
- **B.A/M.A in Literature and Linguistics** 2017 - 2022
Argentina Catholic University

Research experience

- **Doctoral researcher**
CRC 1629 NegLaB, project INF March 2025 - present
- **Visiting researcher**
Laboratorio de psicología básica, Spain October - November 2024
- **Visiting researcher**
Laboratorio de Neurociencias, Argentina March - April 2024
- **Visiting researcher**
Laboratorio de Neurociencias, Argentina August 2023

Scholarships and Awards

- GRADE Center Language Doctoral Degree Start-up Scholarship
Goethe University Frankfurt

- Honor diploma (for students with GPA higher than 8/10)

Argentina Catholic University

Publications

Published

1. **Martinez Bruera, M.**, Weingärtner, D., Listanti, A., Gattei, C., Álvarez González, C.J., Barber, H., Rinke, E. & Lago, S. (2025): Heritage Grammars and Language Change: The Case of Clitic Doubling in Spanish. <https://doi.org/10.1163/15507076-bja10048>
2. Rinke, E., Weingärtner, D., Flores, C., **Martinez Bruera, M.**, Listanti, A., Novo Gomez, ., Correa, L., Lago, S. (2025): One step ahead. Comparing heritage speakers with speakers of different varieties of Portuguese in their comprehension of null object constructions. *Linguistic approaches to bilingualism*. <https://doi.org/10.1075/lab.25014.rin>
3. Kandel, M., Pañeda, C., Bahmanian, N., **Martinez Bruera, M.**, Phillips, C., Lago, S. (*submitted*): Number and grammatical gender attraction in Spanish pronouns: Evidence for a syntactic route to their features. *Journal of Cognition*. <https://doi.org/10.5334/joc.416>
4. **Martinez Bruera, M** (2022): ¿Competencia o Ilusión? El desgaste de la lengua segunda después de la educación bilingüe en Argentina. [on line] Bachelor's Thesis. Universidad Católica Argentina

Teaching

- Writing good and efficient code in psycholinguistic research 2025
Workshop at Goethe University Frankfurt
- Power analysis for experiments 2025
Workshop at Goethe University Frankfurt

Presentations

Peer-reviewed conference presentations

1. **Martinez Bruera, M.**, Calmejane, M., Gattei, C., Alvarez, J., Barber, H., Weingärtner, D., Listanti, A., Verrísimo, J., Lago, S. (2025): Similar meaning does not always mean similar processing. Poster at AMLaP 2025, Prague, Czech Republic, September 4–6.
2. **Martinez Bruera, M.**, Calmejane, M., Gattei, C., Alvarez, J., Barber, H., Weingärtner, D., Listanti, A., Lago, S., (2025): Are the different variants of an optional structure processed differently?. Poster at HSP 2025, University of Maryland, USA, March 27–29.
3. **Martinez Bruera, M.**, Lago, S. (2025): Invariable le affects comprehension of clitic-doubled sentences. Talk at Hispanistiktag, Hamburg, Germany, March 11–14.
4. **Martinez Bruera, M.**, Listanti, A., Lago, S. (2024) Heritage speakers do not always accelerate language change. Poster at AMLaP 2024, Edinburgh, Scotland. September 5–7.

5. **Martinez Bruera, M.**, Weingärtner, D., Flores, C., Lago, S. & Rinke, R. (2023) EVOLVE: relating diachronic change and heritage languages. Talk at Romanistentag, Leipzig, Germany, September 24-27.
6. Pañeda, P., Kandel, M., Bahmanian, N., **Martinez Bruera, M.**, Phillips, C. & Lago, S. (2023). Linguistic representations matter for pronoun production: evidence from grammatical gender attraction. Poster at AMLaP 2023, San Sebastian, Spain, August 31–September 2.
7. Kandel, M., Pañeda, C., Bahmanian, N., **Martinez Bruera, M.**, Phillips, C. & Lago, S., (2023). Number and gender attraction in Spanish pronoun production. Poster at HSP 2023, Pittsburgh, Pennsylvania, March 9–11.
8. **Martinez Bruera, M** (2022): Diachronic change and bilingualism: acceptability of clitic doubling in monolingual and heritage Spanish. Poster at Workshop on L2 sentence and discourse processing. University of Cologne. November 18th.

Invited talks

1. **Martinez Bruera, M.** (2024) El cerebro y el lenguaje: ¿Qué es la psicolingüística? Talk at Universidad Católica Argentina, Buenos Aires, Argentina, April 11th.
2. **Martinez Bruera, M.** (2024) ¿Podemos predecir el cambio lingüístico en poblaciones de hablantes de herencia? El caso del doblado de clíticos de acusativo. Talk at Universidad Torcuato di Tella, Buenos Aires, Argentina, April 5th.
3. **Martinez Bruera, M.** (2023) ¿Podemos predecir el cambio lingüístico en poblaciones de hablantes de herencia? El caso del doblado de clíticos de acusativo. Talk at the Predoctoral colloquium on Spanish as a heritage language in Germany. Heidelberg University. June 23rd.

Academic Training

- Scientific Writing in English 2026
Goethe University Frankfurt
- LLM for psycholinguistic research 2025
Goethe University Frankfurt
- Bayesian Statistics and Poisson Regression 2025
Goethe University Frankfurt
- Foundations of frequentist statistics 2025
Summer School on Statistical Methods, University of Potsdam
- Generalized Additive Models for Eye Tracking data 2025
Goethe University Frankfurt
- Moving window analysis 2024
Goethe University Frankfurt
- Voice and Body Coaching for presentations 2024
Goethe University Frankfurt

- Cluster and Latent Class Analysis 2024
Goethe University Frankfurt
- Eye tracking in language processing 2023
 Goethe University Frankfurt
- Introduction to Bayesian Statistics 2023
Summer School on Statistical Methods, University of Potsdam

Technical skills

- **Methodologies:** Visual-world eye tracking, self-paced listening/reading,
- **Data analysis:** Frequentist and Bayesian statistics, generalized additive mixed models
- **Programming:** R, Python
- **Technical software:** PClbex, Latex, Experiment Builder, Praat

Languages

- Spanish (Native Speaker), English (C2), Italian (C1), German (B1), Portuguese (B1), Catalan (B1)

Reviewer

- Bilingualism, language and cognition
- Heritage language journal
- Second language research
- Glossa Psycholinguistics
- Linguistic approaches to bilingualism