# Maryam Mohammadi

☑ https://mohammadi-maryam.github.io

in linkedin.com/in/maryam-mohammadi-675894146

@ maryam.mohammadi@uni-bielefeld.de / @ maryam.mohammadi@uni-konstanz.de

Research Interests: My research interests are semantics, pragmatics and experimental studies, where theories can meet the real data. I mostly worked on polar questions and answers, bias, speech acts, and attitude predicates. I am also interested in programming to implement and develop algorithms from natural language to artificial languages.



### EMPLOYMENT

2024- Post-doc at Bielefeld University, <u>SFB 1646</u>

# **EDUCATION**

2019-2024	Ph.D. Linguistics, Konstanz University (Germany) Dissertation: Bias Conditions in Polar Questions and Answers:
	A study of Bias Effects in Farsi
2013-2015	MA. Linguistics, Allame University (Iran) Thesis: "var" Prefix in Farsi, a Cognitive Study in Word Formation
2010-2013	BA. English Translation, Qazvin University (Iran)
2004-2006	Associate Degree, Computer Science, Azad University (Iran)

## **◆** OTHER CERTIFICATES

### **ESSLLI Summer School**

2021

> Modules : Commitment-based pragmatics (Bart Geurts), Dynamic inquisitive semantics (Jakub Dotlačil and Floris Roelofsen), Intensionalism and Propositionalism in Linguistic Semantics (Kristina Liefke and Ede Zimmermann)

### Project Management Workshop

2020

> Modules: Classic and Agile project planning, Team works, Self-management, Software Trello.

### DGfS Berlin Summer School

2019

> Modules: Questions (Maribel Romero), Speech Acts (Manfred Krifka), Statistics with R (Nicole Gotzner), Alternative Sets (Clemens Steiner-Mayr), Viewing Experimental Pragmatics from a Cognitive Science perspective (Ira Noveck).

# Publications

- under review Mohammadi, M., Politt, K., and Jorschick, A., <u>Assessing Data Management and Compliance in Large Research</u>
  Collaborations via Knowledge Bases: A Semi-Standardized Interview Approach.
  - to appear Mohammadi, M., *Non-Canonical Questions in Farsi*, to appear in The Oxford Handbook of Non-Canonical Questions, Oxford University Press.
    - Mohammadi, M., Koev, T., *Speaker Attitudes Predict Epistemic Biases in Polar Questions : Evidence from Farsi*, In the proceedings of West Cost Conference of Formal Linguistics (WCCFL) 42, Berkeley University.
    - 2024 Mohammadi, M., *Bias Conditions in Polar Questions and Answers : A study of Bias Effects in Farsi*, PhD Dissertation, Konstanz University.
    - Mohammadi, M., Romero, M., *Polar Particles in Farsi : Sensitivity to the Scoreboard Model of Discourse*, In the proceedings of Sinn und Bedeutun (SuB) 28.
    - 2023 Mohammadi, M., <u>Bias effect on response preference</u>, In the proceedings of Chicago Linguistic Society (CLS) 59
    - Mohammadi, M., *mage as a bias particle in interrogatives*, In the proceedings of Inquisitiveness Below and Beyond the Sentence Boundary (InqBnB) 4 workshop, IWCS Conference.
    - 2023 Mohammadi, M., *Which stress is on response particles? An empirical study*, In the proceedings of Linguistic Society of America (LSA) 8.
    - 2022 Mohammadi, M., <u>A unified account of polar particles in Farsi</u>, In the proceedings of Linguistic Society of America (LSA) 7.
    - 2020 Koev, T., Bill, C., & Mohammadi, M. *Believe is strong but subjective : Experimental evidence from hedging*. In the proceedings of Sinn und Bedeutung (SuB) 25.
    - 2019 Mohammadi, M., <u>A Contrastive Analysis of Speech Act Conditionals as Indirect Answers in English and Farsi,</u> Cambridge scholars publication.
    - 2018 Hesse, Ch., Mohammadi, M., Langner, M., Fischer, J., Benz, A. & Klabunde, R., <u>Communicating an understanding of intention: Speech act conditionals and modified numerals in a Q/A system.</u>
      In the proceedings of SemDial 22.

# PRESENTATIONS

- 2025 Aren't Conditionals Quantifiers? ICIL 10, University of Tuscia (Viterbo).
- with Katja Politt, *User-oriented research infrastructure assisting linguistic data collection and (re-)use*, SFB-INF Workshop, Köln University (poster presentation).
- 2024 Polar Response Particles in Farsi: Lexical Ambiguity, Linguistics Seminar Series, Lunds University.
- 2024 Speaker Attitudes Predict Epistemic Biases in Polar Questions: Evidence from Farsi, WCCFL 42, Barkley University.
- 2023 *Polar Particles in Farsi: Sensitivity to the Scoreboard Model of Discourse*, Semantics Workshop at the University of Massachusetts (Amherst).
- 2023 Polar Particles in Farsi: Sensitivity to the Scoreboard Model of Discourse, SuB 28, Bochum, Germany.
- 2023 'mage' as a bias particle in interrogatives, IWCS, InqBnB workshop, Nancy, France.
- 2023 Bias effect of response preference, CLS 59, Chicago University (poster presentation).
- 2023 mage: a Bias Sensitive Discourse Particle, NACIL 3, University of California, Los Angeles.
- 2023 Which Stress is on Response Particles? An empirical study, LSA Conference, Denver, Colorado.
- 2022 Which stress is on PRPs? SemDial 26, Technological University of Dublin, Ireland (poster presentation).
- 2022 A unified account of polar particles in Farsi, LSA Conference, Washington DC.
- 2020 Believe is strong but subjective: Experimental evidence from hedging, SuB 25 (with Koev and Bill).
- 2018 A Contrastive Analysis of Speech Act Conditionals as Indirect Answers in English and Farsi, CoCoLaC conference, Helsinki University, Finland.
- 2018 From learning user types to generating biscuit conditionals, ComPrag Workshop, Bochum University.
- 2018 Communicating an understanding of intention: Speech act conditionals and modified numerals in a Q/A system, SemDial 22, Aix-en-Provence, France (with Judith Fischer).
- 2018 Communicating an understanding of intention: Speech act conditionals and modified numerals in a Q/A system, DGfS Conference, Stuttgart University, Germany.



Bielefeld Uni.

### Teaching (WITH ARNDT RIESTER)

2025

> Semantics of Polar Questions and Responses

Bielefeld Uni.

### Teaching (WITH HENDRIK BUSCHMEIER)

2024

> From Speech Act Theory to Dialogue Act Modeling

#### Workshop

- > How to prepare consent forms for experimental studies?
- > Introduction to Gitlab as a project management framework

# Konstanz Uni.

#### Tutor

2020-2021

- > Core Components of Language (B), including syntax, semantics, pragmatics
- > Pragmatics I

### PROFESSIONAL EXPERIENCE

### UMass (Amherst)

### **Visiting Scholar**

2023

> Visiting the University of Massachusetts (Amherst) during the fall semester.

# **Ruhr University**

#### Research assistant

2017-2019

- > Running a python application to generate indirect answers with speech act (/biscuit) conditionals.
- > Designing a decision-making model, using Bayesian probability.
- > Running a series of experiments in Amazon Mechanical Turk to find out English speakers' attitude towards the structure.
- > Data analysis with R.
- > Presenting the result in different conferences and workshops.

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### Software developer

2015-2017

- > Developing a web-based software in HR system.
- > Team work for designing new features based on customers' requirements

# Part time jobs

### Programmer and Teacher

2010-2017

- > During my student years, I engaged in programming for various software companies.
- > I served as an English language teacher in several language institutes.



### 👫 Further Activities

NACIL, ConSOLE, SuB, Language Science Press Reviewer

Organizer CRC Colloquium at Bielefeld University, Bialogue 2025, CRC Summer School

# **S**KILLS

I like to work on new topics and develop them with experimental studies. I conducted several experiments R&D

in different frameworks e.g. Amazon MTurk, Testable, SurveyMonkey, as well as working on audio recording.

Data analysis I have experience in different statistical data analysis (e.g. lmer, GAMMs).

**Programming** R, Praat, LaTeX, Python, C#, ASP.NET, Delphi, WordPress, HTML, XML, CSS, SQL, Access

# 🔼 LANGUAGES

• English: Fluent • Farsi: Native • German: B2

# 66 REFERENCES

Prof. Manfred Krifka

Leibniz-Centre General Linguistics (ZAS)

@ krifka@leibniz-zas.de

**\** +49 30 20192 403

Prof. Maribel Romero

Department of Linguistics University of Konstanz

@ maribel.romero@uni-konstanz.de

**\** +49 7531 882720

Dr. Todor Koev

Department of Linguistics Ben Gurion University

② tkoev@scarletmail.rutgers.edu

**\** +49 1573 2647920