

Arnold R. Kochari

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Areas of interest

Scientific: semantic composition, scalar/vague adjectives, predictive language processing, numerical cognition

Meta-scientific: web-based data collection, all things open science

Current position

PhD Candidate, joint project at: **2015 -**
Institute for Logic, Language, and Computation, University of
Amsterdam;
Donders Institute for Brain, Cognition, and Behaviour, Radboud
University in Nijmegen.

Provisional thesis title: *Perceiving magnitudes and comprehending
scalar adjectives: behavioural and electrophysiological investigation.*

Supervisors: prof. dr. Robert van Rooij, prof. dr. Herbert Schriefers,
dr. Jakub Szymanik.

Education

MA (cum laude) in *Linguistics*, Utrecht University **2013-2015**
Funded by Utrecht Excellence Scholarship.

BA in *Liberal Arts and Humanities* (major: psychology), Charles **2009-2013**
University in Prague

Exchange student, Amsterdam University College **2012**
Funded by Erasmus LLP grant

High school diploma, Public school n. 7, Aktau (Kazakhstan) **2008**

Publications

Kochari, A., Flecken, M. (accepted). Lexical prediction in language comprehension: a replication study of grammatical gender effects in Dutch. *Language, Cognition and Neuroscience*. doi: 10.1080/23273798.2018.1524500 [postprint: psyarxiv.com/9npue]

Kochari, A., Ostarek, M. (2018). Introducing a replication-first rule for PhD projects. *Behavioral and Brain Sciences*, 41. doi: 10.1017/S0140525X18000730 [pdf: psyarxiv.com/6yv45]

Talmina, N., Kochari A., & Szymanik, J. (2017) Quantifiers and verification strategies: connecting the dots. *Proceedings of the 21st Amsterdam Colloquium*. [pdf: bit.ly/2qAfeiG]

van Rooij, R., & Kochari, A. (accepted). Grounding a pragmatic theory of vagueness on experimental data: Semi-orders and Weber's Law. In R. Dietz (Ed.), *Vagueness & Rationality*. Springer.

Conference presentations

Talk presented at 3rd Jean Piaget Conference: Conducting web-based experiments for numerical cognition research (June 2018). [pdf: osf.io/jn5xh]

Poster presented at CUNY 2018: Interaction of language and magnitude perception: gradable adjectives rely on extraction of ratio-level information (March 2018). [pdf: osf.io/uvrcs]

Poster presented at ESCoP 2017: Size congruity effect extends to vague adjectives: interaction of generalized magnitude representation and language (September 2017).

Poster presented at CUNY 2017: When adjectives are like numbers: vague adjectives are processed by the magnitude representation system (March 2017). [pdf: osf.io/vpj6e]

Teaching experience

Teaching assistant for *Logic, Language and Computation*, part of MSc. Logic programme, University of Amsterdam **2018**

Teaching assistant for *Logical Methods in Cognitive Science*, part of MSc. Logic programme, University of Amsterdam **2016, 2017**

Teaching assistant for *Higher-order Cognitive Functions*, part of MSc. Brain and Cognitive Sciences programme, University of Amsterdam **2016**

Skills

Experimental techniques: EEG, eye-tracking, chronometric techniques

Stimuli presentation: Presentation, DMDX, ZEP, JsPsych

Programming: Python, Matlab (basic), Javascript (basic)

Statistical analysis: R

Media coverage

Series of interviews for Dutch popular science magazine *Kennislink*:

- 'Leuk om bij te dragen aan een actuele discussie', 2018 [bit.ly/2vz172C]
- 'Met kleine stapjes naar het grotere plaatje', 2017 [bit.ly/2JOC2DR]
- 'Hoe kan het toch dat we elkaar begrijpen?', 2016 [bit.ly/2ENA7fm]