

Fausto Carcassi

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<https://thelogicalgrammar.github.io>

Employment

04/2020-Present **University of Amsterdam**
Postdoctoral researcher
ERC funded *Cognitive semantics and Quantities* (PI: Jakub Szymanik)

Education

09/2016-07/2020 **University of Edinburgh**
Link Ph.D., Linguistics and English Language
The Cultural evolution of scalar categorization: how cognition and communication affect the structure of categories on scalar conceptual domains.
Supervisors: Prof Simon Kirby, Dr Marieke Schouwstra
Examiners: Dr Wataru Uegaki (Internal), Dr Michael Franke (External)

09/2015-08/2016 **University of Edinburgh**
MSc, Philosophy

09/2012-08/2015 **Ruprecht-Karls-Universität Heidelberg**
B.A., Philosophy

Publications

- Link Carcassi F., Sbardolini G. (Under Review) Assertion, Rejection, and the Evolution of Boolean Operators. *Memory and Cognition*.
- Link Carcassi F., Szymanik J. (Accepted pending revisions) An Alternatives Account of ‘Most’ and ‘More Than Half’. *Glossa*.
- 2021 Carcassi, F., Steinert-Threlkeld, S. and Szymanik, J. (2021), Monotone
Link Quantifiers Emerge via Iterated Learning. *Cognitive Science*, 45: e13027.
<https://doi.org/10.1111/cogs.13027>
- 2021 Carcassi, F. and Szymanik, J. (2021) ‘Most’ vs ‘More Than Half’: An Al-
Link ternatives Explanation, *Proceedings of the Society for Computation in Lin-
guistics: Vol.4, Article 30*.
- 2021 Carcassi F., Szymanik J. (2021) The Shape of Modified Numerals. *Proceed-
Link ings of the 43st Annual Meeting of the Cognitive Science Society*.

- 2020 Carcassi F., Schouwstra M., Kirby S. (2020) The Advantage of Extreme
 Link Meanings in Cultural Evolution. The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13).
- 2019 Carcassi F., Steinert-Threlkeld S., Szymanik J. (2019) The Emergence of
 Link Monotone Quantifiers via Iterated Learning. Proceedings of the 41st Annual Meeting of the Cognitive Science Society.
- 2018 Carcassi F., Kirby S., Schouwstra M. (2018) The Evolution of Adjectival
 Link Monotonicity. Proceedings of Sinn und Bedeutung 23.

Invited Talks

- Updates and Boolean Universals*
 29/01/21 EXPRESS Workshop Non-Assertoric Speech Acts, Amsterdam
- An Alternatives Account of ‘Most’ and ‘More Than Half’*
 14/12/20 Donders Computational Cognitive Science group, Nijmegen
- The role of learning in the evolution of semantic extremeness*
 15/04/20 Cognitive Semantics and Quantities, Amsterdam
 08/05/20 Computation, Language, and Meaning Band of Researchers, Washington
- The evolution of a semantic universal through iterated learning*
 25/02/19 Mind and Cognition Group, Edinburgh
- The semantic structure of gradable adjectives: an experiment and a Bayesian model*
 23/04/19 Centre for Language Evolution, Edinburgh
- Monotonicity in gradable adjectives: an evolutionary model and some experimental results*
 22/11/18 Cognitive Semantics and Quantities seminar, Amsterdam
- The evolution of adjectival monotonicity*
 19/06/18 Centre for Language Evolution, Edinburgh

Reviewed Talks & Posters

- The Shape of Modified Numerals*
 29/07/21 Annual Conference of the Cognitive Science Society (CogSci), Montreal
- The Advantage of Extreme Meanings in Cultural Evolution*
 16/04/20 Evolang XIII (Cancelled due to Covid-19 pandemic)

- The Emergence of Monotone Quantifiers via Iterated Learning*
 03/08/21 Experimental approaches to language universals in structure and meaning
 (ExUni virtual Workshop at ESSLLI2021)
 27/07/19 Annual Conference of the Cognitive Science Society (CogSci), Montreal
 12/06/20 Meaning, Logic and Cognition, Amsterdam
- The Evolution of Adjectival Monotonicity*
 06/09/18 Sinn und Bedeutung 23, Barcelona
- The Evolution of Scalar Terms' Semantic Structure*
 30/08/18 Societas Linguistica Europaea, Tallin
- The Evolution of Monotonicity in the Semantics of Gradable Adjectives*
 7/12/17 60th Language Lunch (Poster), Edinburgh

Teaching

University of Amsterdam

- 2021 *Cognitive Modeling* (design and teaching): Course for 3rd year students
 in the Bachelor's program *Cognition, Language and Communication*. The
 course covers various important Bayesian models of cognition, both with
 theoretical lectures and programming labs in R.
 2021 BA Dissertation in AI. de Kleuver, G. (2021) Cultural Evolution of Convex
 Color Terms and Degeneracy.
 2021 BA Dissertation in AI. Duetz N. (2021) The Cultural Evolution of Color
 Convexity in a Population of Neural Networks.

University of Edinburgh

- 2018 Guest Lecture for *Current Issues in Semantics and Pragmatics*

Tutoring

University of Edinburgh

- 2018-19 *Logic 1* (Introduction to Logic)
 2018-19 *Logic 2* (Introduction to Modal Logic)
 2017-18, 2018-19 *Introduction to Cognitive Science*
 2017-18 *LEL 1B* (Introduction to Linguistics)
 2016-17, 2017-18 *Mind, Matter and Language*

Reviewer

- 2021 ESSLLI 2021
 2021 Memory & Cognition Journal
 2018-2021 Annual Conference of the Cognitive Science Society (CogSci)
 2020 Conference on Computational Natural Language Learning (SIGNLL)
 2019 Workshop on Semantic Universals, Amsterdam Colloquium

- 2018 The Evolution of Language (EvoLang)
2018 Models of the Mind, Edinburgh

Book reviews

- 2012 Orilia F. (2012), “Filosofia del tempo: Il dibattito contemporaneo”,
Published in: ReF - Recensioni Filosofiche, 87

Public Engagement

- 2018 *Exploring an Alien World*, International Science Fair, Edinburgh.
Collaborative work with Jonas Nölle. We developed a simple game in virtual reality (using C# + Unity) that was played by children.
- 2016-17 Academic Support Officer, Edinburgh’s Philosophy Society
- 07/03/2016 *Putting adjectives on the square of oppositions*
Student Cognitive Science Society, Edinburgh