

# GAL RAZ

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## EMPLOYMENT

- 2024- Project Manager, Gelephu Mindfulness City
- 2024- Visiting Researcher (part-time), Chiba Institute of Technology
- 2018-2019 Visiting Researcher, Hitachi Centre for Exploratory Research (Hatoyama, Japan)
- 2018 Management Consulting Intern, Oliver Wyman (Amsterdam Office)

## EDUCATION

- 2024 **PhD** in Brain & Cognitive Sciences, MIT
- 2018 **MSc** in Psychological Research, University of Oxford
- 2016 **BSc** (Hons.) in Liberal Arts and Sciences, University College Utrecht

## AWARDS

- 2022-2024 ICoN Graduate Fellowship
- 2021 Walle Nauta Award for Excellence in Undergraduate Teaching
- 2020 Cheng Graduate Fellowship
- 2018 Humphrey Prize for Best Research Project Dissertation in MSc cohort
- 2017 Full scholarship for MSc studies by German Academic Exchange Services
- 2016 Kupcinet-Getz Scholar at Weizmann Institute of Science

## PUBLICATIONS

### Journal Papers

**Raz, G.\***, Cao, A.\*, Saxe, R., & Frank, M.C. (2025). A stimulus-computable rational model of habituation in infants and adults. *eLife*

**Raz, G.**, Piccolo, S., Medrano, J., Liu, S., Lydic, K., Mei, C., Nguyen, V., Shu, T., & Saxe, R. (2024). An asynchronous, hands-off workflow for looking time experiments with infants. *Developmental Psychology* (Editor's Choice Award)

**Raz, G.**, Cao, A., Saxe, R., & Frank, M.C. (2023). Modeling habituation in infants and adults using rational curiosity over perceptual embeddings. *NeurIPS* (IMOL Workshop)

Liu, S., **Raz, G.**, Kamps, F., Grossmann, T., & Saxe, R. (2023). Response: No evidence for discontinuity between infants and adults. *Trends in Cognitive Sciences*

**Raz, G.**, Cao, A., Frank, M. C. & Saxe, R. (2023). No evidence for familiarity preferences after partial exposure to visual concepts in preschoolers and infants. *Proceedings of the Annual Meeting of the Cognitive Science Society*

Erel, Y., Shannon, K.A., ..., **Raz, G.**, ... & Liu, S. (2023). iCatcher+: Robust and automated annotation of infant gaze from videos collected in the lab and online. *Advances in Methods and Practices in Psychological Science*

Cao, A., **Raz, G.**, Saxe, R., Frank, M. C. (2022). Habituation reflects optimal exploration over noisy perceptual samples. *Topics in Cognitive Science* (Best Computational Paper Award)

Sella, F., **Raz, G.** & Cohen-Kadosh, R. (2021). When randomisation is not good enough: Matching groups in intervention studies. *Psychonomic Bulletin & Review*, 1-9.

Saban, W., **Raz, G.**, Grabner, R., Gabay, S. & Cohen-Kadosh, R. (2021). Primitive Visual Channels Have a Causal Role in Cognitive Transfer. *Scientific Reports*, 11(1), 1-9.

**Raz, G.** & Saxe, R. (2020). Learning in Infancy Is Active, Endogenously Motivated, and Depends on the Prefrontal Cortices. *Annual Review of Developmental Psychology*, 2, 247-268.

#### Dissertations

- 2024 **PhD Dissertation:** Models and Tools for Studying Infants' Attention (Massachusetts Institute of Technology)
- 2018 **MSc Dissertation:** Modulating Arithmetic Learning with Transcranial Random Noise Stimulation (University of Oxford)
- 2016 **BSc Dissertation:** Biases in Visual Number Perception: Computational Models of Early Visual Processing Predict Numerosity Judgments (University College Utrecht)

#### MISCELLANEOUS SKILLS AND EXPERIENCES

**Languages:** German, English and Hebrew (fluent), Spanish (level B2), Dutch (level B1)

**Programming languages (in order of proficiency):** Python, R, Stan, MATLAB, JavaScript, Unity scripting (C#), WebPPL

**Online courses** (click course names for certificates):

Machine Learning (Stanford)	Bayesian Statistics I (UC Santa Cruz)
Computational Neuroscience (UW)	Bayesian Statistics II (UC Santa Cruz)
MATLAB Programming (Vanderbilt)	Python for Data Science and ML (Udemy)