



Experience

- **Postdoctoral Fellow**, Max Planck Institute for Human Development, Germany, 2019-.
- **Postdoctoral Fellow**, Department of Psychology, Harvard University, USA, 2017-2019.
- **Ph.D. Researcher**, Scuola Internazionale Superiore di Studi Avanzati (SISSA), Trieste, Italy, 2011-2015.

Technical Skills

- **Programming skills**
 - Data analysis: **R** (advanced), **MATLAB** (intermediate), **Python** (beginner)
 - Database management: **SQL** (intermediate)
 - Web development: **HTML/CSS** (intermediate), **JavaScript** (intermediate)
 - Document preparation: **RMarkdown** (advanced), **xaringan** (advanced), **L^AT_EX** (intermediate)
 - Miscellaneous: **Git/GitHub**, **YAML**

- **Open-source software development** (in R; Total downloads: > **7M**):

Lead developer

- ggstatsplot (2018-): Informative data visualizations with statistical analyses.
- broomExtra (2019-): Enhancements for working with regression models.
- statsExpressions (2019-): Creates expressions with statistical details.
- pairwiseComparisons (2019-): Multiple pairwise comparison tests.

Team developer

- correlation, insight, parameters, see, report, performance, bayestestR, modelbased, ggsignif

- **Techniques**: text mining, meta-analysis, logistic/linear regression, mixed effects regression, clustering (*k*-means, hierarchical cluster analysis, linear discriminant analysis), *k*-nearest neighbor, bagging, random forests, SVM, dimensionality reduction (PCA, ICA), Reinforcement Learning, Bayesian statistics, cross validation, neural networks, Structural Equation Modeling, path analysis

Publications

15 first author, peer-reviewed publications (Citations: **1095**, *h*-index: **15**, *i10*-index: **18**)

Selected media coverage: *Time*, *The Huffington Post*, *Daily Mail*, *la Repubblica*, etc.

Education

- **Doctor of Philosophy (Neuroscience)**, SISSA, Trieste, Italy, 2011-2015 (*summa cum laude*).
- **Master of Science (Physics)**, Department of Physics, University of Pune, India, 2008-2010.
- **Bachelor of Science (Physics)**, Fergusson College, India, 2005-2008.

Languages

Marathi (C2), Hindi (C2), English (C2), German (B2), Italian (A2)

Other Skills

- **Communication**: Skilled at disseminating complex ideas to a range of audiences, including scientists and the general public (> **20** talks, published articles for newspapers).
- **Advising/Project Management**: Coordinated large teams of multi-national researchers across multiple neuroimaging studies across several years. Supervised and trained **7** students' undergraduate theses.