

ELLIE BASTOS DEGOBI

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Professional Experience

Child Mind Institute, Inc.

October 2024 – March 2026

Psychometrician and Statistical Consultant

New York, United States of America (Remote)

- Provided statistical and psychometric consultancy for the development and validation of mental health assessment instruments, conducting data analyses including descriptive, inferential, and missing data evaluation.
- Created data visualizations and analytical reports to communicate results, and advised on methodological strategies to ensure reliability, validity, and overall measurement quality.

Quantitativa(mente)

January 2021 – January 2022

Psychometrician and Statistical Consultant

Rio de Janeiro, Brazil (Remote)

- Co-founded a quantitative research consultancy supporting researchers in designing and executing studies, contributing to methodological development and project planning.
- Advised on research design, including question formulation, methodology selection, and data collection strategies; conducted statistical analyses and delivered clear, actionable reports.
- Supported scientific writing by structuring manuscripts and translating complex statistical concepts into accessible guidance for diverse research audiences.

Laboratory of Studies and Research in Social Economy

May 2021 – August 2021

Psychometrician and Statistical Consultant

Ribeirão Preto, Brazil (Remote)

- Led the construction, refinement, and analysis of datasets aimed at evaluating the psychometric properties of research instruments in the educational context. This work involved preparing and organising data, assessing data quality, and conducting statistical and psychometric analyses to examine measurement performance, including reliability, dimensional structure, and other key indicators of instrument validity.

Pontifical Catholic University of Rio de Janeiro (PUC-Rio)

February 2018 – March 2020

Research Assistant

Rio de Janeiro, Brazil

- FAPERJ Research Assistant at the Social Psychology Research Laboratory, contributing to the development of an implicit assessment designed to measure the Big Five personality traits. Responsibilities included supporting the conceptual design of the instrument, assisting in data preparation and analysis, and collaborating in the refinement of the measure to ensure adequate psychometric properties.
- PIBIC Scholarship Research Assistant at the Social Psychology Research Laboratory, involved in the development of a psychometric instrument aimed at assessing characteristics related to sexuality. The role included participation in the design of the scale, data organization and analysis, and contributions to the evaluation and improvement of the instrument's reliability and validity.

São Francisco University (SFU)/PUC-Rio

February 2018 – December 2022

Teaching Assistant

Campinas/Rio de Janeiro, Brazil

- Quantitative Methods and Data Analysis class (SFU; one lecture per semester, support for discussions on all other lectures, and student hours)
- Undergraduate Thesis Supervision (SFU; two bachelor projects supervised)
- Assistant in the Psychometrics class (PUC-Rio; one lecture in the semester, student hours, and supervision)
- Assistant in the Quantitative Methods class (PUC-Rio; student hours and teaching practical applications of quantitative methods)
- Assistant in the Social Psychology class (PUC-Rio; student hours)
- Assistant in the Psychological Assessment class (PUC-Rio; student hours)

Education

São Francisco University

Ph.D. in Psychology

Mar 2023 – Dec 2025

Campinas, SP

- Degobi, E. B. (2025). Caring for the Achilles' heels of psychometrics: Causality and measurement level of latent variables (Doctoral dissertation). Campinas, Brazil.

São Francisco University

Master of Science in Psychology

Mar 2021 – Feb 2023

Campinas, SP

- Degobi, E. B. (2023). Two theoretically sound controls for social desirability: MIMIC and forced-choice (Master's thesis). Campinas, Brazil.

Pontifical Catholic University of Rio de Janeiro

Bachelor of Science in Psychology

Mar 2016 – Feb 2021

Rio de Janeiro, RJ

Technical Skills

Languages: Native speaker in Portuguese, C1 level in English. Open to learning new languages.

Programming Languages: Python, R, MPlus.

Python Frameworks/Libraries: pandas, numpy, scikit-learn, scikit-image, matplotlib.

R Frameworks/Libraries: shiny app, psych, lavaan, EGAnet, MBESS, sirt, eRm, mirt, mokken.

Developer Tools: GitHub, Jupyter Notebook, Anaconda.

Platforms: Linux, Windows.

Others: Inferential Statistics, Data Visualization, Feature Engineering, Software Documentation, Machine Learning, Image Classification, Regression, Item Response Theory Modeling, Structural Equation Modeling, Creation of Reports.

Journal Publications

My name is either cited as Degobi, E. B., or Bastos, R. V. S.

- Dahlgren, C. L., Bang, L., & **Degobi, E. B.** (2025). Screening for eating disorders in adolescents: psychometric evaluation of the eating disorder examination questionnaire short version (EDE-QS) in a community sample. *BMC psychology*, 13(1), 1042. <https://doi.org/10.1186/s40359-025-03400-w>
- Blomster Lyshol, J. K., **Bastos, R. V. S.**, Isager, P. M., & Blystad, M. H. (2025). What is empathy for laypeople?—A replication study of Hall, Schwartz, and Duong (2021). *The Journal of Social Psychology*, 1-19. <https://doi.org/10.1080/00224545.2025.2482014>
- Lie, S. Ø., **Bastos, R. V. S.**, Sundgot-Borgen, C., Wisting, L., & Dahlgren, C. L. (2024). Sociocultural attitudes towards appearance questionnaire-4-revised (SATAQ-4R): validation in a community sample of Norwegian adolescents. *Journal of Eating Disorders*, 12(1), 195.
- Simioni, A., Schafer, J. L., Marchionatti, L. E., Schuster, K., Casella, C. B., Papanikolaou, K., ... **Bastos, R. V. S.** ... & Kotsis, K. (2026). Psychometric properties and local normative references of PSC-17, RCADS-25, CATS-2, SNAP-IV, MCHAT-R/F, and CAST: data from a nationwide sample in Greece. *Journal of Patient-Reported Outcomes*, 62 (10).
- For a list of all publications, see scholar.google.com.br/citations?user=ozWbHFfAAAAAJ&hl=pt-BR

Book Publications and Chapters

- **Degobi, E. B.** (2025). Advances in psychometric theory and measurement for psychological sciences: With tutorials in R. <https://elliedegb.quarto.pub/psychometrics/>
- Valentini, F., & **Bastos, R. V. S.** (2025). Halo effect: consequences and techniques for assessment and control. In M. P. P. da Silva, & E. M. Peixoto (Orgs.), *Response biases in psychological testing and assessment* (pp 131-146). Hogrefe.
- Mose, L. B., Lessa, J. P. A., Souza, L. S., & **Bastos, R. V. S.** (2025). Response biases in the assessment of personality traits. In M. P. P. da Silva, & E. M. Peixoto (Orgs.), *Response biases in psychological testing and assessment* (pp 299-324). Hogrefe.

Scholarship and Awards

- Ph.D. Research Scholarship (88887.822435/2023-00) Granted by the Coordination of Higher Education Staff Improvement (CAPES).
- Best Research Award Granted by the Ayrton Senna Institute
<https://institutoayrtonseenna.org.br/vencedores-hackathon/>
- Master of Science Research Scholarship (88887.602481/2021-00 and 88887.666261/2022-00) Granted by the Coordination of Higher Education Staff Improvement (CAPES)

Open Science Study Group

- ReproducibiliTea Campinas (Jan 2024 - Jan 2025) We provided an informal and friendly platform for discussions about open science, reproducibility, and meta-science, helping each other get familiarized with open science practices and connecting students and researchers. Before each meeting, we read an article, which we then discuss during the meeting.

Affiliations

The Eating Disorder Lab | *Oslo New University College (Norway)*

Jan 2026 - Ongoing

Research Group on Health, Psychosocial Processes, and Work | *PUC-RS (Brazil)*

Oct 2025 - Ongoing

Reference Contacts

- Prof. Camilla Lindvall Dahlgren (Ph.D.) - Oslo Nye Høyskole - Head of Research - Department of Psychology.
Camilla is a co-author on multiple projects.
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- Prof. Peder Mortvedt Isager (Ph.D.) - Oslo Nye Høyskole - Department of Psychology.
Peder is a co-author on multiple projects.
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- Prof. Magnus Helgheim Blystad (Ph.D.) - Oslo Nye Høyskole - Department of Psychology.
Magnus is a co-author on multiple projects.
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