

RUAM P. F. A. PIMENTEL

I have experience conducting research on psychological assessment and currently I am focusing on how to improve and have new approaches to the Rorschach Method. I am also intrigued by the potential of multimethod psychological measures and how different mental states affect perception.

My current goal is to get more experience with *Natural Language Processing* and apply it to psychological assessment methods, specifically, to the Rorschach task.

View this CV online with links at ruampimentel.me/cv/

CONTACT

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🐦 [PimentelRuam](https://twitter.com/PimentelRuam)
🐙 github.com/ruampimentel
🌐 ruampimentel.me

RELEVANT SKILLS

Statistics
Data Visualization
Multivariate Analysis
Structural Equation Modeling
Psychometrics
AI, ML, including NLP

LANGUAGE

Portuguese (Native)

Spanish

English

Italian

French

EDUCATION

- 2024 | 2019 • **PhD. Candidate, Psychology, Quantitative Psychology (Minor)**
University of Toledo 📍 Toledo, OH (USA)
 - Systematic review and meta-analyses of malingering on the Rorschach task
 - Potential depressive indicators on the Rorschach task
 - Comparison of remote and in-person administration of the Rorschach task
 - Development of an autonomous app for the Rorschach task
- 2019 | 2018 • **M.S., Psychology, Psychological Assessment**
Universidade São Francisco 📍 Campinas, SP (Brazil)
 - Thesis: Relation between R-PAS and BFI2 moderate by R-PAS self-perception indicators
- 2019 | 2018 • **Specialization in Neuroscience (300 hrs)**
Universidade Federal de São Paulo 📍 Santos, SP (Brazil)
 - Thesis: Biomarkers of Borderline Personality Disorder: A Literature Review
- 2017 | 2012 • **B.S., Psychology**
CEULP/ULBRA 📍 Palmas, TO (Brazil)
 - Thesis: The Effect of Valence on Source Memory in the Elderly

RESEARCH EXPERIENCE

- Current | 2021 • **Normative Data Collection Coordinator (Research Assistant)**
Rorschach Performance Assessment System (R-PAS)
 - Organize international data collection across 20+ countries.
 - Provide resources for data collectors
 - Train data collectors on how to use R-PAS
 - Evaluate data collectors' proficiency level

Made with the R package [pagedown](https://github.com/ruampimentel/pagedown).

The source code is available on github.com/ruampimentel/Pimentel_CV.

Last updated on 2023-02-18.

Current
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2020

● **Translation and Adaptation of the Personality Assessment Inventory to Portuguese (Research Assistant)**

- Write all drafts and psychometric analysis.
- Organize and clean items for translation.
- Backtranslation (Portuguese to English).
- Run psychometrics (e.g., internal consistency, validity studies, norms).

I have worked in a variety of roles ranging from journalist to software engineer to data scientist. I like collaborative environments where I can learn from my peers.



TEACHING EXPERIENCE

● **Workshop (Co)Instructor**

- Rorschach Performance Assessment System - Basics (8 hrs - Hogrefe Brazil)
- Rorschach Performance Assessment System - Intermediate (12 hrs - Hogrefe Brazil)

● **Guest Lecturer**

- Talk on Importance of multimethods on Psychological Assessment (2x)
- Overview and introduction to Therapeutic Assessment
- Overview and introduction to R-PAS (3x)

I firmly believe that education is a powerful tool for effecting positive change in the world. My experience so far has primarily been in practical applications, and I always strive to encourage my students to go beyond what is taught in the classroom and learn for themselves.

2021
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2019

● **Teaching Assistant**

The University of Toledo

- Statistical Methods 1 (for grad student)
- Statistical Methods 2 (for grad student)
- Personality (for undergrad)
- Statistics (for undergrad)

2019
|
2018

● **Teaching Assistant**

Universidade São Francisco

- Thesis advising I (for undergrad)
- Thesis advising II (for undergrad)

2017
|
2014

● **Teaching Assistant**

CEULP/ULBRA

- Morphophysiology and human behavior
- Methods of psychological assessment
- Psychological assessment
- Neuropsychological assessment



PUBLICATIONS

Pianowski, G.; Giromini, L.; **Pimentel**, R. P. F. A.; Gonçalves, A. P.; Machado, G. M.; Hosseininasab, A.; Alghraibeh, A. M.; Brusadelli, E.; Rooney, E. A.; Colombarolli, Máira S.; Tajamolian, M.; Herzog, N. K.; Rusconi, P.; Kelly, P.; Zare, S.; Ales, F.; Pignolo, C.; Andò, A.; Zennaro, A.; D. Girolamo, M., & F. Carvalho, L.. 2022. Cross-cultural investigation from nine countries on the associations of antisocial traits and the WHO 's containment measures for the COVID -19 pandemic. *Scandinavian Journal of Psychology*. DOI: 10.1111/sjop.12869. .

Pimentel, R.; Meyer, G.; Pianowski, G., & O. S. F.. 2021. Assessing manifestations of depressive behavior during the Rorschach task. . DOI: 10.17605/OSF.IO/SXKGV. .

Gonçalves, A. P.; **Pimentel**, R. P. F. A., & Carvalho, L. D. F.. 2020. Funcionamento patológico da personalidade para predição da depressão, qualidade de vida e esperança. *Interação em Psicologia*. DOI: 10.5380/psi.v24i1.62784. 24 (1).

Brandão, P. S.; Neto, I. V. S.; Rauber, S. B.; **Pimentel**, R. P. F. A.; Zukowski, M. S.; Fagundes, F., & Campbell, C. S. G.. 2017. Impacto de Exergames na qualidade de vida de idosos. *Fisioterapia Brasil*. DOI: 10.33233/fb.v18i3.1058. 18 (3).



CONFERENCE PRESENTATIONS

O'Donoghue, E.; **Pimentel**, R. P. F. A., & Meyer, G. J. 2022-07-13. *Assessing Potential R-PAS Score Differences for Inperson and Remote Administration*. [Conference Symposium]. XXIII congress of the International Society for the Rorschach and Projective Methods - 2022. Geneva.

Pimentel, R. P. F. A., & Meyer, G. J. 2022-07-13. *Rorschach and Depressive Behaviors: Potential depressive related behaviors discriminating patients with and without depressive symptoms and controls*. [Conference Symposium]. XXIII congress of the International Society for the Rorschach and Projective Methods - 2022. Geneva.

Meyer, G. J.; **Pimentel**, R. P. F. A., & Pianowski, G. 2022-05-13. *Avanços digitais na aplicação do teste de Rorschach: Desenvolvimento do aplicativo de administração do R-PAS (Digital advances in the administration of the Rorschach test: Development of the R-PAS administration app)*. [Coordinated Session]. X Congresso da ASBRo (X ASBRo Congress). Online.

Pimentel, R. P. F. A.; Meyer, G. J., & Pianowski, G. 2022-05-13. *Avanços digitais na aplicação do teste de Rorschach: Uso do aplicativo de administração do R-PAS (Digital advances in the administration of the Rorschach test: Use of the R-PAS administration app)*. [Coordinated Session]. X Congresso da ASBRo (X ASBRo Congress). Online.

Pianowski, G.; Meyer, G. J., & **Pimentel**, R. P. F. A. 2022-03-13. *Aplicativo de administração remota do R-PAS: Dados preliminares de equivalência (R-PAS Remote Administration Application: Preliminary equivalence data)*. [Coordinated Session]. X Congresso da ASBRo (X ASBRo Congress). Online.

O'Donoghue, E. M.; Meyer, G. J.; **Pimentel**, R. P. F. A., & Mihura, J. L. 2022-03-12. *Assessing Potential R-PAS Score Differences for In-Person and Remote Administration*. [Conference Symposium]. 2022 Society for Personality Assessment Convention. Chicago.

Pimentel, R. P. F. A.; Kiss, A. B.; Mihura, J. L.; Meyer, G. J.; Kletzka, N., & Eblin, J. J. 2022-03-11. *Comparing committed Forensic Inpatients to Non-Patients Instructed to Malingering Insanity of Not Using Scores from the Rorschach task and Self-report*. [Conference Symposium]. 2022 Society for Personality Assessment Convention. Chicago.

Pimentel, R. P. F. A.; Meyer, G. J.; Guimarães-Neto, A.; Vieira, P. G., & Villemor-Amaral, A. E. 2022-03-11. *Comparing Patients with Schizophrenia to Non-Patients Instructed to Malingering*

My main responsibility in studies where I was not the first author involved data collection, data cleaning, data analysis, data visualization, and writing up results.

I have presented most of my work at conferences so far. I am now transitioning to publishing it more in journals rather than just in conferences.

Insanity or Not Using Scores from the Rorschach Task and Self-Report. [Conference Symposium]. 2022 Society for Personality Assessment Convention. Chicago.

Pimentel, R. P. F. A. 2021-10-23. *Opções e Desafios da pesquisa com Testes de Performance em tempos pandêmicos (Options and Challenges of Research with Performance Tests in Pandemic Times)*. [guest speaker]. ASBRo monthly meeting. Online.

Herzog, N. K.; **Pimentel**, R. P. F. A., & R. 2021-10. *Beyond the 'Mask Wars': Cross-national comparison of health protective behaviors, government compliance, and empathy*. [Conference Presentation]. 2021 APHA Annual Meeting. .

Pimentel, R. P. F. A., & Villemor-Amaral, A. E. 2021-10. *The Pfister colored pyramid test and its use in C/TA*. [Paper Presentation]. CTAC – Collaborative/Therapeutic Assessment Conference 2021. Online.

Pimentel, R. P. F. A.; Herzog, K. H., & Rooney, E. 2021-10. *One for All and All for One: Culture, Personality, and Governmental Policies Predicting Mask-Wearing in an International Sample*. [Paper Presentation]. 2021 APHA Annual Meeting. Online.

Pianowski, G.; **Pimentel**, R. P. F. A.; Gomes, G. V. A., & Salgado, M. 2021-09. *Sistema de Avaliação por Performance no Rorschach Intermediário: Administração e Codificação (Intermediate Rorschach Performance Assessment System: Administration and Coding)*. [12hrs Workshop]. Hogrefe Brazil. Online.

Pianowski, G., & **Pimentel**, R. P. F. A. 2020-10-31. *Sistema de Avaliação por Performance no Rorschach: Uma Breve Introdução ao R-PAS (Rorschach Performance Assessment System: A brief introduction to R-PAS)*. [8hrs Workshop]. Hogrefe Brazil. Online.



CONFERENCE PAPER

Pimentel, R. P. F. A., & Meyer, G. J.. 2020. *Sentiment Analysis in Rorschach responses [e-poster for online conference]*. Brazilian Institute of Psychological Assessment (Instituto Brasileiro de Avaliação Psicológica). Online.

Pimentel, R. P. F. A., & Tavares, M. D.. 2018. *The influence of emotional valence over Source Memory in Aging [Paper Presentation]*. Presented at XLI annual meeting of the Brazilian Society of Neuroscience and Behavior (SBNec; Sociedade Brasileira de Neurociência e Comportamento). .

Pimentel, R. P. F. A., & Villemor-Amaral, A. E.. 2018. *Relation between R-PAS and BFI2 moderate by R-PAS self-perception indicators: preliminary studies [Paper presentation]*. V Brazilian Congress of Psychology: Science and Profession (CBP; Congresso Brasileiro de Psicologia). São Paulo, Brazil.

Pimentel, R. P. F. A., & Tavares, M. D.. 2016. *What do we know about the Source Memory in Aging? A review [Paper presentation]*. Presented at XV Brazilian Congress of the Brazilian Society of Neuropsychology (SBP; Sociedade Brasileira de Psicologia).. Brasília, Brazil.



UNPUBLISHED WORK

Kiss, A.; Mihura, J.L.; Meyer, G. J.; **Pimentel**, R. P. F. A., & Klezka, N. 2022. *Comparing committed forensic inpatients to nonpatients instructed to malingering insanity or not using scores from the Rorschach task and self-report*. [Manuscript in preparation]. Department of Psychology, University of Toledo.

Pimentel, R. P. F. A.; Meyer, G. J., & Mihura, J. L. 2022. *Malingering severe psychopathology on the Rorschach task: Systematic review and meta-analysis*. [Manuscript in preparation]. Department of Psychology, University of Toledo.

Meyer, G. J.; Pianowski, G.; **Pimentel**, R. P. F. A., & Zuanazzi, A. C. 2021. *Pleasant or Appealing Expressions (PAE)*. [Unpublished scoring manual]. Department of Psychology, University of Toledo.

Meyer, G. J.; **Pimentel**, R. P. F. A.; Pianowski, G., & Vanhoyland, M. 2021. *Coding criteria for Breaking the Card Boundary (BCB)*. [Unpublished scoring manual]. Department of Psychology, University of Toledo.

Meyer, G. J.; Zuanazzi, A. C.; Gonçalves, A. P.; Pianowski, G., & **Pimentel**, R. P. F. A. 2021. *Self-Critical and Helpless Reassurance Seeking Depressive Behavior Expressed During the Rorschach Task (SCHB)*. [Unpublished scoring manual]. Department of Psychology, University of Toledo.