









# 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.

## EDUCATION

- 2024  
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2019
- **Ph.D. 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  
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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
    - Experience as a psychologist conducting Therapeutic Assessment<sup>1</sup>
- 2019  
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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
    - In Brazil, we also receive practical training during undergrad. Hence, I practiced (e.g., externship and internship), under supervision, in the following areas: (1) Clinical Therapy (600+ hrs); (2) Psychological assessment (250+ hrs); (3) Neuropsychological assessment (250+ hrs); (4) Health Psychology in the department of neurosurgery of a public hospital (150+). Across all these areas, I've worked with 60+ patients.
- View this CV online with links at  
[ruampimentel.github.io/  
Pimentel\\_CV/cv.html](https://ruampimentel.github.io/Pimentel_CV/cv.html)
- ## CONTACT
-  [ruampimentel@gmail.com](mailto:ruampimentel@gmail.com)  
 PimentelRuam  
 [github.com/ruampimentel](https://github.com/ruampimentel)  
 [ruampimentel.me](https://ruampimentel.me)
- ## RELEVANT SKILLS
- ### Data Analysis
- Statistics, Psychometrics  
Data Visualization  
Structural Equation Modeling  
Machine Learning Models
- ### Tech
- R, Rstudio  
git, github, SQL  
MPlus, SPSS  
Some Python
- ## LANGUAGE
- Portuguese (Native)
- Spanish
- English
- Italian
- Made with the R package [pagedown](https://github.com/jgm/pagedown). The  
source code is available on  
[github.com/ruampimentel/ Pimentel\\_CV](https://github.com/ruampimentel/Pimentel_CV).  
Last updated on 2023-03-06.



## 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 (e.g., training material)
- Train data collectors on how to use R-PAS
- Evaluate data collectors' proficiency level

2023  
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2020

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

- Organize and clean datasets using R.
- Organize and clean items for translation.
- Backtranslation (Portuguese to English).
- Run psychometrics (e.g., internal consistency, validity studies, norms) - using R.



## 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)

2021  
|  
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  
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2018

### ● Teaching Assistant

Universidade São Francisco

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

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.

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, Maíra 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. .

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.

My main responsibility as co-author involved data collection, data cleaning, data analysis, data visualization, or 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.

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 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

**Pimentel**, R. P. F. A.; Pianowski, G.; Kline, J. S. & Meyer, G. J. 2023. *Potential depressive-related Rorschach behaviors discriminating patients with and without depressive symptoms and controls*. [Manuscript submitted for publication]. Department of Psychology, University of Toledo.

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 submitted for publication]. 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.

My works that have not been published include manuscripts that are still in preparation and guidelines for coding new behaviors on the Rorschach task. These guidelines were used in some of my published work, but never published independently.



## MISCELLANEOUS

Current  
|  
2020

### Webmaster

Psychological Assessment Lab of the Department of Psychology

- Reorganize the structure of the lab online pages
- Update the lab online pages

### Psychological Tests

- Typical Performance: Rorschach (R-PAS), TAT
- Inventories: BFI-2, MMPI-2RF, MMPI-3, PAI
- Interviews: SCID-5
- Maximum Performance: WISC, WAIS
- Neuropsych:

### Favorite R Packages

- tidyverse (dplyr, tidyr, forcats, stringr, ggplot2, purrr)
- psych, rstatix, lavaan, easystats (report, see, correlation, effectsize, performance, parameter, modelbased)
- tidymodels (rsample, recipes, parsnip, tune, yardstick)

## ● **Tech in general**

I developed experience over the years through practical applications and courses

- Microsoft Office (Word, Excel, PowerPoint, Outlook, Publisher, Access, OneDrive, Teams)
- Google Workspace (Docs, Sheets, Slides, Calendar, Sites, Forms, Youtube)
- Survey, Experiment and Course Designs (Qualtrics, Inquisit, Learn worlds)
- Project management tools (Notion, Trello, Smartsheet, Toogl, github)
- Data Analysis: R, SPSS, G\*Power, MPlus, SAS, Python (basics), JASP, Jamovi
- Note taking apps (Obsidian, Markdown files)
- Others: Rereference managers (Zotero, End Note, Mendley); Figma (interface design); DaVinci Resolve (Video Editor); Audio editors (Reaper, Audacity, Garage Band); Send in Blue (email marketing), Spark (email manager), Fantastical (calendar manager)

## ● **Musician**

Instruments that I play listed by order of proficiency:

- Piano, guitar & bass
- Ukulele & harmonica
- Violin, cello & flute