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 effect 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 | 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 | 2018

M.Sc., 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[1]

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
- 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.

CONTACT

✉ ruampimentel@gmail.com
🐦 PimentelRuam
🐙 github.com/ruampimentel
🔗 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)

English

Spanish

Italian

💻 RELEVANT COURSES AND WORKSHOPS

2018
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2018

Workshop - Rorschach Performance Assessment System (R-PAS): Forensic, educacional and clinical application (8h)
Hogrefe CETEPP and Universidade São Francisco, USF   📍 Brazil

· Speakers: Dr. Joni L. Mihura and Dr. Gregory J. Meyer

2018
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2018

Workshop - Rorschach Performance Assessment System (R-PAS): Instrumentalizing trainers and researchers (8h)
Hogrefe CETEPP and Universidade São Francisco, USF   📍 Brazil

· Speakers: Dr. Joni L. Mihura and Dr. Gregory J. Meyer

2018
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2018

R Programing A-Z: R for data science with real exercises! (10.5h)
UDEMY   📍 Online

2018
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2018

Scale construction using non-parametric item response theory
São Francisco University, USF   📍 Campinas, SP (Brazil)

2017
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2017

Psychological reports course (12h)
Goiano Institute of Psychological Assessment, IGAP 📍 Goiânia, Goiás (Brazil)

· Instructor: Dr. Ana Cristina Resende

2017
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2016

Rorschach Courses - Comprehensive System (120h)
Goiano Institute of Psychological Assessment, IGAP 📍 Goiânia, Goiás (Brazil)

· Rorschach Basic Course (Comprehensive System) – 40h
· Rorschach Intermediate Course (Comprehensive System) – 40h
· Rorschach Advanced Course (Comprehensive System) – 40h
· Instructor: Dr. Ana Cristina Resende

💻 RESEARCH EXPERIENCE

Current
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2021

Normative Data Collection Coordinator (Research Assistant)
Rorschach Perfomance Assessment System (R-PAS)

· Organize international data collection across 20+ countries
· Provide resources for data collectors (e.g., traning material)
· Train data collectors on how to use R-PAS
· Evaluate data collectors' proficiency level

Current
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2019

Psychological Assessment Lab
The University of Toledo   📍 Toledo, OH (USA)

Mental health and internet investigation

Physiotherapy and cognition lab
CEULP/ULBRA   📍 Palmas, TO (Brazil)

2023 | 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

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

2019 | 2018

Psychological Assessment in Mental Health Lab (LAPSaM)

Universidade São Francisco   📍 Campinas, SP (Brazil)

💻 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

- Personality and Culture
- 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 creating 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.

2019 | 2018

Teaching Assistant

Universidade São Francisco

- Thesis advising I (for undegrad)
- 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, 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)*. [Coordenated 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)*. [Coordenated 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)*. [Coordenated 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 Malinger 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 Malinger 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 Perfomance em tempos pandêmicos (Options and Challenges of Research with Performance Tests in Pandemic Times)*. [guest speaker]. ASBRo monthly meeting. Online.

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.

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 Itermediário: Administração e Codifição (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 Perfomance 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 malinger 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.

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.

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.

🔖 MISCELLANEOUS

Current
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2020

Webmaster

Psychological Assessment Lab of the Deparment of Psychology

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

Psychological Tests

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

Favorite R Packages

· tidyverse (dplyr, tidyr, forcats, stringr, ggplot2, purrr)
· psych, rstatix, lavaan, easystats (report, see, correlation, effectsize, perfomance, 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: Rerefence 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