

# Richard Klein

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## Positions

### Postdoctoral Researcher

December 2019-Present

*Tilburg University, Department of Methodology and Statistics, Tilburg, the Netherlands*

- Metascience research about bias in the publication process and reproducibility of results

### Postdoctoral Researcher

January 2018-November 2019

*Université Grenoble Alpes, LIP/PC2S, Grenoble, France*

- Social psychology research with an emphasis on methods and data science

## Education

### Ph.D. in Psychology

2017

*University of Florida, Gainesville, FL*

### M.S. in Psychology

2014

*University of Florida, Gainesville, FL*

### BS in Psychology, BS in Finance

2011

*Pennsylvania State University, University Park, PA*

## Peer Reviewed Publications

(\* indicates undergraduate author)

Wichert, J., **Klein, R. A.**, Swaans, S., Maassen, E., Stoevenbelt, A., ... & Ruffer, F. (2022). How to Protect Privacy in Open Data. *Nature Human Behaviour*. DOI: <https://doi.org/10.1038/s41562-022-01481-w>

Kakinohana, R. K., **Klein, R. A.**, & Pilati, R. (2022). Does anchoring vary across cultures? Expanding the Many Labs analysis. *European Journal of Social Psychology*. DOI: <https://doi.org/10.1002/ejsp.2924>

Hoogeveen, S., Sarafoglou, A., Aczel, B., Aditya, Y., Alayan, A. J., ... **Klein, R. A.** ... & Nilsson, G. (2022). A many-analysts approach to the relation between religiosity and well-being. *Religion, Brain & Behavior*. DOI: <https://doi.org/10.1080/2153599X.2022.2070255>

Kryptos, A. M., **Klein, R. A.**, & Jong, J. (2022). Resolving religious debates through a multiverse approach. *Religion, Brain & Behavior*. DOI: <https://doi.org/10.1080/2153599X.2022.2070261>

**Klein, R. A.**, Cook, C. L., Ebersole, C. R., Vitiello, C., Nosek, B. A., Hilgard, J., ... & Ratliff, K. A. (2022). Many Labs 4: Failure to replicate mortality salience effect with and without original author involvement. *Collabra: Psychology*, 8(1), 35271. DOI: <https://doi.org/10.1525/collabra.35271>

Sarda, E., **Klein, R. A.**, Dujols, O., & IJzerman, H. (2021). Validation of the ISP131001 Sensor for Mobile Peripheral Body Temperature Measurement. *International Review of Social Psychology*, 34(1), 12. DOI: <http://doi.org/10.5334/irsp.409>

Moshontz, H., Ebersole, C. R., Weston, S. J., & **Klein, R. A.** (2021). A Guide for Many Authors: Writing Manuscripts in Large Collaborations. *Social and Personality Psychology Compass*. <https://doi.org/10.1111/spc3.12590>

Vergara, R. C., Hernández, C., Jaume-Guazzini, F., Lindenberg, S., **Klein, R. A.**, & IJzerman, H. (2019). Development and Validation of the Social Thermoregulation and Risk Avoidance Questionnaire (STRAQ-1). *International Review of Social Psychology*, 32(1), 18. <http://doi.org/10.5334/irsp.222>

Conway, M. A., O'Shea, B., Redford, L., Pogge, G., **Klein, R. A.**, & Ratliff, K. A. (2019). Can Carelessness Be Captured? Assessing Careless Responding in Attitudes Toward Novel Stimuli. *Social Cognition*, 37(5), 468-498. <https://doi.org/10.1521/soco.2019.37.5.468>

**Klein, R. A.**, Vianello, M., Hasselman, F., Adams, B. G., Adams, R. B., Alper, S., . . . Nosek, B. A. (2018). Many Labs 2: Investigating variation in replicability across samples and settings. *Advances in Methods and Practices in Psychological Science*, 1(4), 443-490. <https://doi.org/10.1177/2515245918810225>

- Research covered by [Nature](#), [The Atlantic](#), and others.

Bastart, J., **Klein, R. A.**, IJzerman, H., (2018). Replication initiatives in psychology. *Oxford Bibliographies in Psychology*. <https://doi.org/10.1093/OBO/9780199828340-0212>

Milfont, T. L., **Klein, R. A.** (2018). Replication and reproducibility in cross-cultural psychology. *Journal of Cross-Cultural Psychology*, 49(5), 735-750. <https://doi.org/10.1177/0022022117744892>

Ebersole, C. R., Atherton, O. E., Belanger, A. L., Skulborstad, H. M., Allen, J. M., . . . **Klein, R. A.**, . . . Nosek, B. A. (2016). Many Labs 3: Evaluating participant pool quality across the academic semester via replication. *Journal of Experimental Social Psychology*. <https://doi.org/10.1016/j.jesp.2015.10.012>

Lai, C. K., Skinner, A. L., Cooley, E., Murrar, S., Brauer, M., . . . **Klein, R. A.**, . . . Nosek, B. A. (2016). Reducing implicit racial preferences: II. Intervention effectiveness across time. *Journal of Experimental Psychology: General*, 145, 1001-1016. <https://doi.org/10.1037/xge0000179>

**Klein, R. A.**, Ratliff, K. A., Vianello, M., Adams, R. B., Jr., Bahník, S., Bernstein, M. J., Bocian, K., . . . Nosek, B. A. (2014). Data from investigating variation in replicability: A “many labs” replication project. *Journal of Open Psychology Data*, 2(1): e4. <http://dx.doi.org/10.5334/jopd.ad>

**Klein, R. A.**, Ratliff, K. A., Vianello, M., Adams, R. B., Jr., Bahník, S., Bernstein, M. J., Bocian, K., . . . Nosek, B. A. (2014). Theory building through replication: Response to commentaries on the “many labs” replication project. *Social Psychology*, 45(4): 307-310. <https://doi.org/10.1027/1864-9335/a000202>

**Klein, R. A.**, Ratliff, K. A., Vianello, M., Adams, R. B., Jr., Bahník, S., Bernstein, M. J., Bocian, K., . . . Nosek, B. A. (2014). Investigating variation in replicability: A “many labs” replication project. *Social Psychology*, 45(3): 142-152. <https://doi.org/10.1027/1864-9335/a000178>

- Research covered by [Nature](#), [Science magazine](#), [National Geographic](#), and others.

## Organized Conferences, Symposia, and Workshops

**Klein, R. A.**, Balzarini, R., IJzerman, H., Sarda, E., Kaufman, M. (2019). EASP Technology and Relationships Conference and Facebook+AdopteUnMec Hackathon. Annecy, France. <https://web.archive.org/web/20190916124841/https://techandrelationships.org/>

**Klein, R. A.** (2019). Open Science Toolbox: Leveraging Methodological Reforms to Accelerate Research. Symposium organized for the International Convention of Psychological Science, Paris, France. Speakers: **Richard Klein**, Ben Jones, Lisa DeBruine, Niamh Stack. <https://osf.io/tve2q/>

IJzerman, H. I., Ric, F., **Klein, R. A.** (2018). RKTs Solid Science Training Workshop in Bordeaux, France. Speakers: Michèle Nuijten, Fieke Wagemans, Marco Perugini, **Richard Klein**, Kai Jonas, Frederik Aust, Benedict Jones. <https://osf.io/gvknx/>

**Klein, R. A.** (2014). Reproducibility in Psychology: Understanding and Improving Your Odds. Symposium organized for the annual meeting of the Society of Southeastern Social Psychologists, Athens, GA. Speakers: Gregory Webster, **Richard Klein**, Chris Martin.

## Talks

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**Klein, R. A.** (2021). Privacy Risks in Open Datasets. Talk presented at the Metascience 2021 conference, organized online. Slides: <https://osf.io/b564v/> Video: <https://youtu.be/w4oJo-Z6epU>

**Klein, R. A.** (2020). Many Labs 4: Conducting replications of mortality salience with and without original author involvement. Talk presented at the Society for Personality and Social Psychology annual conference, New Orleans, Louisiana, USA. <https://osf.io/bgh48/>

**Klein, R. A.** (2019). An Overview of Workflow Management: Using the Open Science Framework. Workshop presented as part of the Open Science Workshop, Grenoble, France. <https://osf.io/nxem8/>

**Klein, R. A.** (2019). Welcome to the era of big psychology. Invited workshop presented as part of the Machine Learning: Applications to Clinical and Psychological Research Workshop, Rovereto, Italy. <https://github.com/raklein/presentation-rep-machine-learning-rovereto>

**Klein, R. A.** (2019). Many Labs 2: Investigating variation in replicability across sample and setting. Talk presented at the International Convention of Psychological Science, Paris, France. <https://github.com/raklein/presentation-icps2019-ml2>

**Klein, R. A.** (2019). Walking through Many Labs 4 to show how R can make complex analyses easier. Workshop recorded for Pacific Lutheran University, Tacoma, Washington, USA.

**Klein, R. A.** (2019). Many Labs 2: Investigating replicability across samples and settings. Talk presented at the Society for Personality and Social Psychology annual conference, Portland, Oregon, USA. <https://github.com/raklein/presentation-spsp2019-ml2>

**Klein, R. A.** (2018). Many Labs 2: Investigating variation in replicability across samples and settings. Talk presented at the Integrity and Sharing of Science: Research Data seminar, Grenoble, France. <https://github.com/raklein/presentation-datadoct2018-ml2>

**Klein, R. A.** (2018). Introduction to concepts in deep learning and cross-validation. Workshop session presented at the RKTS Solid Science Training Workshop in Bordeaux, France. <https://osf.io/ya2n8/>

**Klein, R. A.** (2018). Many Labs 2: Investigating variation in replicability across samples and settings. Talk presented at the 20th ESCON Transfer of Knowledge Conference, Cologne, Germany. <https://osf.io/vznpi/>

**Klein, R. A.** (2015). Replication in psychology: How sensitive are our findings? Invited talk presented at the Victoria University of Wellington Psychology Colloquium Series, Wellington, New Zealand. <https://osf.io/m8u9b/>

**Klein, R. A.** (2015). Many Labs 2: Investigating variation in replicability across samples and settings. Invited talk presented at the 95th Annual Convention of the Western Psychological Association, Las Vegas, NV. <https://osf.io/43h9x/>

**Klein, R. A.** (2014). Crowdsourcing research to increase reproducibility, generalizability, and accuracy. Talk presented at the annual meeting of the Society of Southeastern Social Psychologists, Athens, GA. <https://osf.io/qtr7a/>

## Discussion Panels

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Baranski, E., Weston, S. (2019). Lifespan pre-conference open science discussion. Discussion panel presented at the Lifespan Preconference of the Society for Personality and Social Psychology annual conference, Portland, Oregon, USA.

Panelists: Charles Ebersole, **Richard Klein**, Jessie Sun, Cassie Brandes, Alex Danvers, Ted Schwaba

Grahe, J., (2015). Emerging adulthood measured at multiple institutions: A new model to study emerging adulthood. Discussion panel presented at the Society for the Study of Emerging Adulthood 7th Biennial

Conference, Miami, FL.

Panelists: **Richard Klein**, Tanya Sharon, Scott Hall

**Klein, R. A.** (2015). Networking: Online and in-person. Talk and panel discussion presented at the Psychology Graduate Student Organization Professional Development Seminar, Gainesville, FL.

## Poster Presentations

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**Klein, R. A.** (2017). *"Many labs" and communication in replication*. Poster presented at the Eighteenth Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX.

Bland, D.\*, Grahe, J., **Klein, R. A.** (2015). *Disgust sensitivity and judgements of intentions as part of the Many Labs 2 project*. Poster presented at the 95th Annual Convention of the Western Psychological Association, Las Vegas, NV.

Coddington, K.\*, Gervais, H.\*, Grahe, J., **Klein, R. A.** (2015). *Replication examining moral typecasting effects as part of the Many Labs 2 project*. Poster presented at the 95th Annual Convention of the Western Psychological Association, Las Vegas, NV.

Grisham, E.\*, Musselman, D.\*, Barnette, T.\*, Powers, M.\*, Gonzalez, G.\*, ... **Klein, R. A.**, ... Redford, L. (2015). *Implicit preference for White people over Black people decreases with repeated Implicit Association Tests (IATs)*. Poster presented at the Undergraduate Research Forum, University of Florida Psychology Department, Gainesville, FL

**Klein, R. A.**, Vianello, M., & Ratliff, K. A. (2015). *Attention checking the "Many Labs" participants: Did participant attention moderate the included effects?*. Poster presented at the Sixteenth Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA.

**Klein, R. A.**, & Ratliff, K. A. (2014). *Context effects in implicit and explicit evaluation*. Poster presented at the Fifteenth Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.

Collisson, B. & **Klein, R. A.** (2012). *Personality correlates of social inference*. Poster presented at the Meeting of the Society of Southeastern Social Psychologists, Gainesville, FL.

## Research Experience

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### Postdoctoral Researcher

2019 - Present

*Metascience Group, Tilburg University*

- PIs: Dr. Jelte Wicherts, Dr. Marjan Bakker
- Led a team of up to 22 members in identifying flaws in research processes and methods to ensure the accuracy and value of outputs and conclusions
- Assessed privacy risks in 2K+ research datasets through analysis and evaluation to determine that 5-10% contained addressable privacy concerns
- Delivered essential content matter to secure a €50,000 grant to develop and implement an R package and web application to automatically detect and prevent privacy risks
- Created analysis protocols for multi-verse analysis of 100+ projects utilizing 1,000+ simultaneous analysis pipelines to create a more robust understanding of the data while reducing bias

### Postdoctoral Researcher

2018 - 2019

*Coregulation Lab, Université Grenoble Alpes*

- PI: Dr. Hans IJzerman
- Conducted research on romantic couples to discover reciprocal trends in behavior predicting relationship satisfaction by employing surveys and physiological sensors paired with linear mixed effects models

- Verified research methods and data throughout the lab group to bolster the value of published insights and outputs
- Provided instruction to senior-level bachelor students in Introduction to Research and Data Analysis and master-level students on The Psychology of Performance

### Research Coordinator

2013 - 2017

*Project Implicit, implicit.harvard.edu*

- Strengthened overall performance by monitoring data quality, testing research tools, and debugging code across a site generating 90k visitors monthly
- Increased interactive user experience metrics and reduced attrition by up to 30% through innovative site changes and process improvements
- Collaborated with developers to implement functional site changes based on user feedback and content performance to boost validity of study results
- Liaised between development team, project managers, and leadership to communicate needs, capabilities, and feasibility of proposed projects or site changes resulting in greater clarity and understanding across groups

### Researcher

2012 - 2017

*Attitudes and Social Cognition Lab, University of Florida*

- PI: Dr. Kate Ratliff
- Oversaw multiple large-scale projects by coordinating 270+ researchers across 33 countries
- Developed an innovative multi-lab research strategy testing the effectiveness of insights across international contexts by assessing 40+ foundational psychological theories
- Designed, executed, and analyzed over 60 psychological experiments driving data from over 23k participants

### Undergraduate Research Assistant

2011 - 2012

*Social Vision and Interpersonal Perception Lab, Penn State*

- PI: Dr. Reginald Adams

## Teaching Experience

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### Instructor

*Université Grenoble Alpes*

- Introduction à la Recherche et Analyse des Données Spring 2019
  - Upper level undergraduate research methods course.

### Instructor

*University of Florida*

- PSY2012 - Introduction to Psychology (x2) Fall 2014, Summer 2015
  - Overall evaluation: 4.42/5

### Teaching Assistant

*University of Florida*

- PSY4625 – Psychology of Pseudoscience Spring 2017
- SOP4214C – Research Methods in Social Psychology Fall 2016
- PSY4930 – Psychology of Public Policy Summer 2014
- SOP3004 – Introduction to Social Psychology (x3) Fall 2013, Spring 2014, Spring 2015

### Teaching Assistant

*Pennsylvania State University*

- PSYCH105 – Psychology as a Science and Profession Spring 2012
- PSYCH261 – Introduction to the Psychology of Learning Spring 2012
- PSYCH243 – Introduction To Well-Being And Positive Psychology (x2) Fall 2011, Spring 2012
- PSYCH100 – Introductory Psychology (x4) Fall 2011

## Supervised Theses

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- Olivier Dujols, Doctoral Dissertation, Université Grenoble Alpes 2023 (expected)
- Donovan Ellis, Undergraduate Thesis, University of Florida, awarded Highest Distinction 2015

## Awards, Honors, Service

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- Peer-reviewed for:
  - *Advances in Methods and Practices in Psychological Science*
  - *American Journal of Political Science*
  - *Collabra: Psychology*
  - *eLife*
  - *Frontiers in Psychology*, Review Editor 2017 - 2018
  - *Journal of Social Psychology*
  - *PLOS ONE*
  - *Social Cognition*
  - *Social Psychological and Personality Science*
  - *Templeton World Charity Foundation*
  - *The Spanish Journal of Psychology*
  - *The European Association of Social Psychology*
  - *Perspectives on Psychological Science*
  - *Psychological Science*
  - *The International Review of Social Psychology*, Editorial Board 2019 - present
- Open Science Fund Grant, Dutch Research Council (€50,000) 2021
- Commendation from the Society for the Improvement of Psychological Science 2020
- Served on SPSP Task Force implementing Transparency and Openness Promotion guidelines 2020
- Gerber Social Psychology Outstanding Research Award (\$1,000) 2016
- Incubator Grant, Center for Open Science (\$13,500) 2015
- Travel Award, UF Department of Psychology (\$500) 2015
- Travel Award, UF College of Liberal Arts and Sciences (\$300) 2015
- Travel Award, Society for Personality and Social Psychology (\$500) 2015
- Advisory Board Member, CREP Project 2014 – 2016
- Graduate School Fellowship, University of Florida (\$80,000) 2012 – 2016
- Dean's List, Pennsylvania State University 2007 – 2011

## Relevant Skills

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- **Statistical programs:** R/R Studio/RMarkdown, SPSS, JASP
- **Statistical techniques:** Linear/logistic/multiple regression, correlation, ANOVA, linear mixed models, factor analysis, meta-analysis, machine learning/deep learning
- **Other tools:** Open Science Framework, MS Excel/Word/PowerPoint, Google Sheets/Docs/Forms, Qualtrics Survey Software, Git/GitHub, SQL
- **Languages:** English (native), French (intermediate)