

RENÉE V. HAGEN

CONTACT

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DATA SCIENCE SKILLS

- Bayesian multilevel regression modeling
- Causal inference
- Machine learning
- A/B testing
- Counterfactual predictions
- Data visualization and dashboard development
- Secure database management

OTHER RESEARCH SKILLS

- Research design
- Public speaking
- Data-driven storytelling
- Project management
- Cross-disciplinary teamwork

PROGRAMMING AND COMPUTING

R, SQL, Python, \LaTeX , HTML, Dart

AWARDS

- 3rd place U23 Dutch National Rowing Championships 2013
- EMPH G. Williams Prize 2021
- Velo Club La Grange Best Cyclist 2022

EDUCATION

PhD Anthropology · University of California, Los Angeles.

15 Sept 2023

Dissertation: Conventions and moral codes: A Bayesian model of the spread and maintenance of social norms

MA Anthropology · Leiden University, the Netherlands. 2015

Cum Laude.

BSc Psychology · Leiden University, the Netherlands. 2013

SELECTED RESEARCH EXPERIENCE

Graduate researcher · UCLA 2017 – 2023

- Designed and executed statistical analyses of large complex data sets using Bayesian multilevel regression and machine learning
- Applied various approaches to causal inference, such as diff-in-diff, propensity score matching and weighing, and time series
- Built Android and web applications to administer surveys and safely store data with SQL
- Developed clear visualizations and interactive dashboards
- Delivered data-driven recommendations to increase business performance to organizational leadership
- Communicated results through 4 first-author publications, 10+ conference talks and an interview with the New York Times

Research Fellow · WORLD Policy Analysis Center 2022

- Investigated business problems as part of 4-person team
- Recommended data-driven solutions to internal stakeholders and leadership with reports and presentations

Research Consultant · Oxfam Novib 2015 – 2016

- Developed policy briefs that contributed to a major Oxfam publication on Indigenous rights
- Communicated research results with internal and external partners

OTHER WORK EXPERIENCE

Teaching Associate · UCLA 2018 – 2022

- Collaboratively worked with supervisors and team of colleagues to plan curriculum and assessment
- Communicated research findings to non-technical audiences through 1200+ hours of undergraduate teaching

SELECTED PUBLICATIONS AND TALKS

RV Hagen 2023. Common behaviors and moral codes: A Bayesian model of the spread and maintenance of social norms. *Invited talk at the UCLA Behavior, Evolution and Culture Speaker Series.*

RV Hagen, DA Knorr, S Li, A Mensing & BA Scelza, 2022. Staying alive enhances both women's and men's fitness. *Behavioral and Brain Sciences*, 45, E137.

RV Hagen, BA Scelza & HC Barrett, 2022. Understanding women's support for patriarchal gender norms in four East Asian countries. *Oral presentation at the annual meeting of the European Human Behaviour and Evolution Society in Aarhus, Denmark.*

S Lew-Levy, ... **RV Hagen**, & HE Davis, 2022. Socioecology shapes child and adolescent time allocation in twelve hunter-gatherer and mixed-subsistence forager societies. *Scientific Reports* 12: 1-16.

RV Hagen, 2022. Human 'races' cannot be compared to dog breeds (Dutch title: De analogie met honden gaat niet op). *Opinion article in Volkskrant (major Dutch newspaper).*

RV Hagen, 2021. Adoption of outgroup norms provides evidence for social transmission in perinatal care practices among rural Namibian women. *Plenary oral presentation at the annual meeting of the International Society for Evolution, Medicine, and Public Health*, online.

RV Hagen & BA Scelza, 2020. Adoption of outgroup norms provides evidence for social transmission in perinatal care practices among rural Namibian women. *Evolution, Medicine and Public Health* 1: 161-173.

RV Hagen & T Minter, 2020. Displacement in the Name of Development. How Indigenous Rights Legislation Fails to Protect Philippine Hunter-Gatherers. *Society & Natural Resources* 33 (1): 65-82.

A Almendral, September 24, 2017. For isolated Philippines Town, a planned road is a lifeline and a worry. *Interview with the New York Times.*

RV Hagen, J van der Ploeg & T Minter, 2017. How do hunter-gatherers learn? The transmission of indigenous knowledge among Agta of the Philippines. *Hunter Gatherer Research* 2 (4), 389-413.