

contact

Michigan State
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github/s7minhas

research interests

Network Analysis
Spatial Statistics
Conflict Studies
Political Economy
Political Institutions

computing

R, Python,
SQL, Javascript,
C++, Matlab, Julia

Academic Experience

2017–	Assistant Professor	Michigan State University
2016–2017	Postdoctoral Fellow	Duke University
2016–2017	Visiting Postdoctoral Fellow	University of California, Los Angeles

Education

2011–2016	Ph.D., Political Science <i>Fields:</i> Political Economy, Political Methodology	Duke University
2014–2015	M.A., Computational Economics	Duke University
2015–2016	Visiting Graduate Researcher	University of California, Los Angeles
2004–2008	B.A., Economics and Political Science	University of Michigan–Ann Arbor

Publications: Journal Articles (Hyperlinks in Bold)

"Keeping Friends Close, but Enemies Closer: Foreign Aid Responses to Natural Disasters." (with Cindy Cheng). (Forthcoming). *British Journal of Political Science*.

Paper || **Replication Code**

"[W]hat lies beneath: Using Latent Networks to Improve Spatial Predictions." (with Cassy Dorff & Max Gallop). (Forthcoming). *International Studies Quarterly*.

Paper || **Replication Code**

"Networks of Violence: Predicting Conflict in Nigeria." (with Cassy Dorff and Max Gallop). (Forthcoming). *Journal of Politics*.

Paper || **Replication Code**

"Inferential Approaches for Network Analysis: AMEN for Latent Factor Models." (with Peter D. Hoff and Michael D. Ward). (2019). *Political Analysis*.

Paper || **Replication Code**

"Modeling Asymmetric Relationships from Symmetric Networks." (with Arturas Rozenas and John Ahlquist). (2019). *Political Analysis*.

Paper || **Replication Code** || **Package**

"Multiple Imputation Using Gaussian Copulas." (with Florian Hollenbach, Iavor Bojinov, Nils W. Metternich, Michael D. Ward, and Alexander Volfovsky). (2018). *Sociological Methods & Research*.

Paper

"The Reputational Impact of Investor State Disputes." (with Karen Remmer). 2018. *International Interactions*.

Paper || **Replication Code**

"Enemy at the Gates: Variation in Economic Growth from Civil Conflict." (with Benjamin J. Radford). (2017). *Journal of Conflict Resolution*.

Paper || Replication Code || Datadrop

"Splitting It Up: The *spduration* Split-Population Duration Regression Package for Time-varying Covariates." (with Andreas Beger, Daniel Hill, Nils Metternich, and Michael D. Ward). (2017). *R Journal*.

Paper || Github: andybega/spduration || CRAN

"Firewall or Wall on Fire? A Unified Framework of Conflict Contagion and the Role of Ethnic Exclusion." (with Nils W. Metternich and Michael D. Ward). (2017). *Journal of Conflict Resolution*.

Paper

"When Do States Say Uncle? Network Dependence and Sanction Compliance." (with Cassy Dorff). (2017). *International Interactions*.

Paper || Replication Code || Datadrop

"A New Approach to Analyzing Coevolving Longitudinal Networks in International Relations." (with Peter D. Hoff and Michael D. Ward). (2016). *Journal of Peace Research*.

Paper || Replication Code || Datadrop

"Mining Texts to Efficiently Generate Global Data on Political Regime Types." (with Jay Ulfelder and Michael D. Ward). (2015). *Research And Politics*.

Paper || Replication Code || Dataverse

Publications: Other

"The Past, Present and Future of Studying Legislatures as Networks." (with Andrew Ballard). (2019). *The Legislative Scholar*, 4(1): 4-9.

"Latent Networks and Spatial Networks in Politics." (with Cassy Dorff and Michael D. Ward). (2017). In Jennifer Nicoll Victor, Alexander H. Montgomery, and Mark Lubell (eds.) *The Oxford Handbook of Political Networks*. Oxford University Press.

"Conflict Resolution in the International System: A Quantitative Approach." (with J. David Singer). (2008). In Jacob Bercovitch, Victor Kremenyuk, and William I. Zartman (eds.) *Handbook of Conflict Resolution*. London: Sage.

Working Papers (Papers Available Upon Request)

"A Latent Factor Approach to Measuring State Preferences." (with Max Gallop). Revise & Resubmit at *Network Science*.

"Taking Dyads Seriously." (with Cassy Dorff, Max Gallop, Margaret Foster, Howard Liu, Juan Tellez, & Michael D. Ward). Revise & Resubmit at *Political Science Research & Methods*.

"Estimating Influence in Tensors of Conflict." (with Peter D. Hoff & Michael D. Ward).

"Who Are in Charge, Who Do I Work With, and Who Are My Friends: A Latent Space Approach to Understanding Elite Coappearances in China." (with Narisong Huhe & Max Gallop).

"Networks of Violence & Civilian Targeting During Civil War." (with Cassy Dorff & Max Gallop).

"Phantoms in the Residuals: Testing for Network Dependence." (with Cassy Dorff).

Software

pgbme: Partial Observability Generalized Bilinear Mixed Effects Model **R** package with Arturas Rozenas and John Ahlquist.

[github://s7minhas/pgbme](https://github.com/s7minhas/pgbme)

spduration: Split-population duration model **R** package with Andreas Beger, Daniel W. Hill, Daina Chiba, Nils Metternich, and Michael D. Ward.

[github://andybega/spduration](https://github.com/andybega/spduration)

mltr: Multilinear tensor regression for network analysis **R** package with Peter D. Hoff and Michael D. Ward. In development. [github://s7minhas/mltr](https://github.com/s7minhas/mltr)

influenceRegression: Social influence regression **R** package with Peter D. Hoff and Michael D. Ward. In development. [github://s7minhas/influenceRegression](https://github.com/s7minhas/influenceRegression)

Teaching Experience

Fall 2019	PS 900: Maximum Likelihood Estimation (Graduate Level)	Michigan State University
	Instructor	
Spring 2019	PS 900: Network Analysis (Graduate Level)	Michigan State University
	Instructor	
Spring 2018	PS 900: Applied Statistical Programming for Social Scientists (Graduate Level)	Michigan State University
	Instructor	
Fall 2017	PS 392: Introduction to Social Science Data Analytics (Undergraduate Level)	Michigan State University
	Instructor	
Spring 2015	PS 733: Maximum Likelihood Methods (Graduate Level)	Duke University
	Teaching Assistant for Prof. Michael D. Ward	
Fall 2014	STA 611: Introduction to Mathematical Statistics (Graduate Level)	Duke University
	Teaching Assistant for Prof. Sanvesh Srivastava	
Summer 2014	Programming in R for Graduate Students in Political Science	Duke University
	Instructor	
Spring 2014	PS 130: Introduction to Political Inquiry (Undergraduate Level)	Duke University
	Teaching Assistant for Prof. Tim Büthe	
Fall 2013	PS 130: Introduction to Political Inquiry (Undergraduate Level)	Duke University
	Teaching Assistant for Prof. Kyle Beardsley	

Mentorship

Graduated

Emily Bovee (Educational Psychology & Educational Technology, PhD Dissertation Committee Member, 2019): Director of Educational Development and Assessment for the School of Dentistry at Marquette University

Dissertation Committee

Thomas Bentley (Political Science, PhD Dissertation Committee Member)

Hyunwoo Kim (Political Science, PhD Dissertation Committee Member)

Caleb Lucas (Political Science, PhD Dissertation Committee Member)
Zuhaib Mahmood (Political Science, PhD Dissertation Committee Member)
Guidance Committee

Haining Du (Political Science, PhD Guidance Committee)
Ha Eun (Political Science, PhD Guidance Committee Member)
Nikolaos Frantzeskakis (Political Science, PhD Guidance Committee)
Aliyah J. McIlwain (Political Science, PhD Guidance Committee)
Ross Walker (Psychology, PhD Guidance Committee)
Shane Wery (Political Science, PhD Guidance Committee)

Undergraduate

Michael Kozel (Political Science, Undergraduate Faculty Mentor)
Ren Mueller (Social Science Scholar Program, Research Mentor)

Invited Presentations/Workshops

2019. Networks in International Relations Workshop at University of Iowa.
2018. Training Workshop on Networks at University of Washington St. Louis. (with Cassy Dorff).
2017. Training Workshop at Political Networks Conference. Latent Factor Models for Dynamic Networks. (with Michael D. Ward).
2017. California Center for Population Research at University of California, Los Angeles. Predicting the Evolution of Intrastate Conflict: Evidence from Nigeria.
2017. Innovations in Social Science Research at University of New Mexico. Network Analysis and Latent Space Models: An Introduction. (with Michael D. Ward).
2017. Social Science Data Analytics Program (SSDA) at Michigan State University. Inferential Approaches to Network Analysis.

Conference Paper Presentations

2019: International Studies Association (ISA), Political Networks Conference (POLNET), American Political Science Association (APSA)
2018: ISA, Midwest Political Science Association (MPSA)
2017: ISA, MPSA, POLNET, APSA, Political Methodology Conference (POMETH)
2016: ISA, POLNET, APSA
2015: MPSA, APSA, UNCTAD Research Partnership Program, International Political Economy Society (IPES), Conference on Empirical Legal Studies (CELS)
2014: ISA, APSA
2013: International Security Studies Section of ISA and the International Security and Arms Control Section of APSA (ISSS-ISAC)
2012: Triangle Institute for Security Studies (TISS)

Research Experience

2013–2017	Member of The Law and Politics of Antitrust in Open Economies Project http://people.duke.edu/buthe/competitionpolicy/	
2012–2017	Member of Crisis Prediction Project	
2014–2016	Research Assistant to Prof. Michael D. Ward	Duke University
2013–2014	Research Assistant to Prof. Scott de Marchi	Duke University
2011–2013	Research Assistant to Prof. Karen Remmer	Duke University

Service

Disciplinary Service:

Executive Council, APSA Political Networks Section (2019-Present)

Discussant, Polmeth (2018, 2019)

Discussant, MPSA (2018)

Professional Membership:

American Political Science Association

APSA Political Networks Section

International Studies Association

Midwest Political Science Association

Society for Political Methodology

University Related Service:

University Committee on Faculty Affairs

Social Science Data Analytics Initiative Advisory Committee

Methods Field Committee

International Relations Field Committee

Workshop on Political Methodology

Workshop on Conflict

Reviewer:

American Journal of Political Science; American Political Science Review; Annals of Applied Statistics; Conflict Management & Peace Science; International Interactions; Journal of Conflict Resolution; Journal of Politics; Political Analysis; Political Science Research & Methods; R Journal; Springer Business, Economics & Statistics

References

Available upon request.