

# JURAJ MEDZIHORSKY

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📍 Department of Political Science  
University of Gothenburg  
Sprängkullsgatan 19  
SE 40530 Gothenburg, Sweden

✉ [juraj.medzihorsky@gmail.com](mailto:juraj.medzihorsky@gmail.com)  
🏠 [jmedzihorsky.github.io](https://jmedzihorsky.github.io)  
🔗 [goo.gl/z3uAu3](https://goo.gl/z3uAu3)  
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## POSITIONS

- 2017– Post-Doc, V-Dem Institute, Department of Political Science, University of Gothenburg  
2015–17 Post-Doc, Department of International Relations, Central European University

## EDUCATION

- 2015 Ph.D. in Political Science, Central European University  
*Dissertation:* ‘Essays on Political Science Applications of the Mixture Index of Fit’  
*Committee:* Tamás Rudas, Gábor Tóka, Jason Wittenberg, Carsten Q. Schneider  
2007 M.A. in Political Science, Central European University  
2006 Master’s degree in Political Science, Comenius University, Slovakia

## PUBLICATIONS

### JOURNAL ARTICLES, SOLO AND LEAD AUTHOR

- 2019 J. Medzihorsky, ‘Rethinking the D’Hondt Method.’ *Political Research Exchange*, 1(1):41–55.  
2017 J. Medzihorsky, M. Popovic, E. K. Jenne. ‘Rhetoric of Civil Conflict Management: United Nations Security Council Debates over the Syrian Civil War.’ *Research & Politics*, 4(2):1–10.  
2015 J. Medzihorsky. ‘Election Fraud: A Latent Class Framework for Digit-Based Tests.’ *Political Analysis*, 23(4):506–517.  
2014 J. Medzihorsky, L. Littvay, E. K. Jenne. ‘Has the Tea Party Era Radicalized the GOP? Evidence from Text Analysis of the 2008 and 2012 Republican Primary Debates.’ *PS: Political Science & Politics*, 47(4):806–812.

### JOURNAL ARTICLES, CONTRIBUTING AUTHOR

- 2019 M. Coppedge et al., ‘The Methodology of “Varieties of Democracy” (V-Dem).’ *Bulletin de Méthodologie Sociologique*, 143(1):107–133.

### BOOK CHAPTERS & OTHER

- 2019 T. Rudas, E. Verdes, J. Medzihorsky. ‘Model-Based Analysis of Incomplete Data.’ In *Advances in latent class analysis: A Festschrift in honor of C. Mitchell Dayton*. Hancock, G. R. & Macready, G. B. (eds.). Charlotte, NC: IAP.  
2018 D. Bochsler, C. Schürmann, J. Medzihorsky, P. Stark. ‘Identification of Electoral Irregularities by Statistical Methods.’ *Venice Commission report, CDL-AD(2018)009*.  
2012 Z. Kudrna, J. Medzihorsky. ‘International Banking Standards in Emerging Markets: Testing the Adaptation Thesis in the European Union.’ *IES Working Papers* 6/2012, (peer-reviewed).

## SOFTWARE

[pistar](#), An R package for the Rudas, Clogg, and Lindsay  $\pi^*$  mixture index of fit.  
[seatdist](#), An R package for seat apportionment and disproportionality measurement.  
[SetMethods](#): Functions for Set-Theoretic Multi-Method Research and Advanced QCA.  
With I.E. Oana, M. Quaranta, and C. Q. Schneider.

## WORK IN PROGRESS

‘Charm Offensive or Offensive Charm? Russian and Chinese Cultural Institutes Abroad.’  
Second author, with M. Popovic and E. K. Jenne. *Accepted at Europe-Asia Studies*.

‘The V-Dem Measurement Model: Latent Variable Analysis for Cross-National and Cross-Temporal Expert-Coded Data.’ Contributing author, with D. Pemstein, K.L. Marquardt, E. Tzelgov, Y. Wang, J. Krusell, F. Miri, and J. von Römer. *V-Dem Working Paper 21–4*.

‘Successful and Failed Episodes of Democratization: Conceptualization, Identification, and Description.’ Contributing author, with S.I. Lindberg, P. Lindenfors, A. Lührmann, L. Maxwell, R. Morgan, and M.C. Wilson. *V-Dem Working Paper 79*.

‘A Mixture Framework for Scaling with Anchoring Items.’ *Presented at MPSA and EPSA 2019*

‘A Latent Class Framework for Roll Call Analysis.’ *Presented at EPSA 2017 and PolMeth 2018*

‘Unifying the Measurement of Variation in Electoral Support.’

‘The Mixture Index of Fit in Text Analysis.’ *Presented at PolText 2016*.

## TEACHING

- 2018 Visiting Instructor, European University Institute.
  - Workshop ‘Intro to Bayesian Statistics for Social Scientists.’
- 2016–17 Instructor, ECPR Summer School in Methods and Techniques.
  - Gentle Introduction to Bayesian Statistics.
  - Advanced Bayesian Statistics for the Social Sciences.
- 2016–17 Visiting Professor, CEU Department of International Relations.
  - Research Design and Methods in IR, Part II: Quantitative Methods.
- 2012–18 Guest Instructor, Masaryk University in Brno, Czech Republic.
  - Workshop ‘Computer-Assisted Text Analysis.’ Fall 2016, 2017, 2018.
  - Workshop ‘Introduction to Bayesian Statistics.’ Fall 2015.
  - Topic ‘Introduction to Set-Theoretic Methods for the Social Sciences’ in [MEB421](#). Graduate. Fall 2012, 2013, and 2014.
  - Workshop ‘Introduction to R.’ Fall 2013.
- 2014–17 Instructor, Central European University.
  - Workshops and seminars on R, web scraping, and text analysis.
- 2014 Guest Instructor, Comenius University in Bratislava, Slovakia.
  - Workshop ‘Web Scraping and Computer-Assisted Text Analysis.’

- 2013–14    Instructor, [McDaniel College](#), Budapest campus.
- Research Design and Methods, undergraduate. Spring 2013, Spring 2014.
  - Contemporary African Politics, undergraduate. Fall 2013.
- 2012–17    Teaching Assistant, [ECPR Methods Schools](#).
- Big Data Analysis in the Social Sciences, Summer 2017.
  - Automated Collection of Web and Social Data , Summer 2017.
  - Advanced Topics in Set-Theoretic Methods and QCA, Winter 2014.
  - QCA and Fuzzy Sets, Summer 2012.
- 2008–12    Teaching Assistant, [Central European University](#).
- Bayesian Statistics, graduate, Fall 2011.
  - Understanding Social Science Statistics, graduate, Fall 2009.
  - Introduction to Quantitative Analysis, graduate, Fall 2009.
  - Research Design: Scopes and Methods, graduate, Fall 2008.