

# JURAJ MEDZIHORSKY

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## POSITIONS

2017– Post-Doc, V-Dem Institute, Department of Political Science, University of Gothenburg  
2015– Post-Doc, Department of International Relations, Central European University  
2017 Within ‘Culture in Power Transitions: Sino-American Conflict in the 21st Century.’

## 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

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.

### BOOK CHAPTERS & OTHER

*In press* 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.  
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.  
**SetMethods**: Functions for Set-Theoretic Multi-Method Research and Advanced QCA.  
With I. E. Oana, M. Quaranta, and C. Q. Schneider

## WORK IN PROGRESS

‘Understanding the D’Hondt Method: A Mixture Generalization.’

‘Unifying the Measurement of Variation in Electoral Support.’

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

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

‘Handling Misreporting in Self-Reported Turnout with Multiple Imputation.’ First author, with [S. A. Popa](#).

‘Using Text Features to Enhance Inter-Coder Reliability.’ Second author, with [Z. Fazekas](#).

‘Populist Framing and Illiberal Challengers: The Case of Hungary, 2006–2015.’ Second author, with E. K. Jenne.

## CONFERENCES

### PRESENTATIONS

- 2017 ‘A Latent Class Framework for Roll Call Analysis.’ EPSA.
- 2016 ‘The Mixture Index of Fit in Text Analysis.’ PolText.
- 2012 ‘Handling Misreporting in Self-Reported Turnout with Multiple Imputation.’ With S.A. Popa. MPSA 2012.
- 2012 ‘MAR missing data on the second level of a hierarchical linear model. What is the best solution for comparative behavioral analysis?’ With L. Littvay. MPSA.

### AS CO-AUTHOR

- 2017 ‘Using Text Features to Enhance Inter-Coder Reliability.’ With Z. Fazekas. EPSA.
- 2017 ‘Rhetoric of Civil Conflict Management: UN Security Council Debates over the Syrian Civil War. With M. Popovic and E.K Jenne. ISA.
- 2016 ‘Russian and Chinese Institutes Abroad: Continuation of Hard Power by Soft Means.’ With M. Popovic. APSA.
- 2016 ‘Assessing Mass Media Coverage of China in Four OECD Countries: Using CATA to Compare Trends and Topics.’ With E.K. Jenne. APSA.
- 2012 ‘International Banking Standards in Emerging Markets: Testing the Adaptation Thesis in the European Union.’ With Z. Kudrna. Bratislava Economic Meeting.
- 2012 ‘Does the Tea party really drag US presidential candidates further to the right? Text scaling of candidacy announcements of 2008 and 2012 presidential primary candidates.’ With L. Littvay and E.K. Jenne. MPSA.
- 2011 ‘Differentiated integration of banking regulation in the EU.’ With Z. Kudrna. ECPR Joint Sessions.
- 2011 ‘Where Have All the Socialists Gone? Unintentional Biases in Opinion Surveys.’ with P. Weith. MPSA.

## TEACHING

- 2016– Instructor, ECPR Summer School in Methods and Techniques.
  - Gentle Introduction to Bayesian Statistics.
  - Advanced Bayesian Statistics for the Social Sciences.

- 2012– Guest Instructor, [Masaryk University](#) in Brno, Czech Republic.
- Workshop ‘Computer-Assisted Text Analysis.’ Fall 2016 and 2017.
  - 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.
- 2016– Visiting Professor, [CEU Department of International Relations](#).
- 2017
- Research Design and Methods in IR, Part II: Quantitative Methods.
- 2014– Instructor, [Central European University](#).
- 2017
- 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– Instructor, [McDaniel College](#), Budapest campus.
- 2014
- Research Design and Methods, undergraduate. Spring 2013, Spring 2014.
  - Contemporary African Politics, undergraduate. Fall 2013.
- 2012– Teaching Assistant, [ECPR Methods Schools](#).
- 2017
- [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– Teaching Assistant, [Central European University](#).
- 2012
- 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.

## GRANTS & AWARDS

### GRANTS

- 2015 US Department of Defense Minerva Initiative grant N000141510039, Consultant.
- 2014 ISA travel grant (declined).
- 2013 CEU Political Science Research Grant for the development of the [pistar](#) package.
- 2012 CEU Summer School grant for the IQMR 2012.
- 2012 CQMR grant for the IQMR 2012.
- 2011 CEU PhD Travel Grant for MPSA 2012.
- 2011 CEU Summer School Grant for the 44<sup>th</sup> Essex Summer School.
- 2011 Erasmus Student Mobility grant for a visit at the Polish Academy of Sciences.
- 2010 Visegrád Fund grant for a visit at the Polish Academy of Sciences.
- 2010 CEU Doctoral Research Support Grant for a research visit at Columbia University.
- 2010 Erasmus Placement Grant for an internship at PASOS in Prague, Czech Republic.

### AWARDS

- 2007 Outstanding Academic Achievement Award at CEU.
- 2007 Academic Pro-Rector’s Excellence Award at CEU.
- 2006 Rector’s Award for an Outstanding Thesis at the Comenius University.
- 2006 Dean’s Excellence Award at the Comenius University.

## REFERENCES

Tamás Rudas  
Professor of Statistics,  
Director General, Centre for Social Sciences, Hungarian Academy of Sciences.  
[rudas@tarki.hu](mailto:rudas@tarki.hu)

Gábor Tóka  
Professor of Political Science, Central European University.  
[TokaG@ceu.edu](mailto:TokaG@ceu.edu)