


# Julian Walterskirchen

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**Research Associate, Center for Crisis Early Warning, University of the Bundeswehr, Munich.**

## Research interests

Conflict and Security Studies, International Relations, quantitative methods, conflict prediction, natural language processing, machine learning, counter-terrorism, and the prevention of violent extremism.

## Employment

### Sep. 2021 - ongoing **Research Associate**

Center for Crisis Early Warning, University of the Bundeswehr, Munich. *"Integrating unstructured data sources to improve crisis early warning models"*. Director: Prof. Dr. Carlo Masala.

### Mar. 2021 - Sep. 2021 **Research Associate**

Crisis Early Warning - IT Support, Center for Intelligence and Security Studies (CISS), University of the German Federal Armed Forces. *"Validation of computer-assisted methods to improve crisis early warning models"*. Project manager: Prof. Dr. Carlo Masala.

### Mar. 2019 - Feb. 2021 **Research Assistant**

Department of Political Science of the University of Innsbruck - OeNB funded project. *"Sanction dynamics in the cases of North Korea, Iran and Russia: Objectives, Measures and Effects"*. Supervised by Prof. Dr. Gerhard Mangott.

### Apr. 2018 - Jan. 2019 **Prevention of Violent Extremism (PVE) Consultant**

United Nations Office of Counter-Terrorism, New York City.

### Sept. 2017 - Feb. 2018 **Political Affairs Intern**

United Nations Office of Counter-Terrorism, New York City.

## Education

### Oct. 2016 - Dec. 2017 **M.Sc. International Relations, University of Essex**

Thesis supervision: Prof. Dr. Kristian S. Gleditsch. Graduated with distinction.

### Oct. 2012 - Jun. 2016 **B.A. Political Science, University of Innsbruck**

Thesis supervision: Prof. Dr. Gerhard Mangott.

## Publications

### Published

- 2023** [Introducing an Interpretable Deep Learning Approach to Domain-Specific Dictionary Creation: A Use Case for Conflict Prediction.](#) *Political Analysis*. Co-authored with Sonja Häffner, Maximilian Nagl, and Martin Hofer.
- 2023** [Replication of The Morning After: Report from the Nottingham Replication Games.](#) *SocArXiv*. Co-authored with Christian Oswald, Sonja Häffner, Marco N. Binetti, and Christoph Dworschak.
- 2022** [Sanction dynamics in the cases of North Korea, Iran and Russia: Objectives, Measures and Effects.](#) *SpringerBriefs in International Relations*. Co-authored with Gerhard Mangott and Clara Wend.
- 2019** [A Cross-National Analysis of Forced Population Resettlement in Counterinsurgency Campaigns.](#) *Peace Economics, Peace Science and Public Policy*. 26 (1). Co-authored with Tobias Böhmelt, Christoph Dworschak, and Ulrich Pilster.

### Work in progress

- In progress** - “Enhancing Conflict Prediction: Investigating Temporal Dynamics and Spatial Dependencies through Deep Learning and Transformer-Based Architectures”. Co-authored with Christian Oswald, Sonja Häffner, and Marco N. Binetti.
- In progress** - “The night before or the morning after: Coup risk, failed coup attempts, and minister removals in autocracies”. Co-authored with Christian Oswald, Sonja Häffner, Marco N. Binetti, and Christoph Dworschak.
- In progress** - “Using Aspect-Based Sentiment Analysis to Measure Interstate Relations: UN General Assembly General Debates and Interstate Disputes”. Co-authored with Sonja Häffner.
- In progress** - “The Impact of Sanctions Imposition Coordination: A Time-Varying Measure of EU and US Sanctions Coordination in the Cases of Russia, Iran, and North Korea” Co-authored with Sonja Häffner.
- In progress** - “Do Alliances Deter Civil War? Assessing the Effect of Military Alliances on the Onset of Intrastate Violence.” Co-authored with Florian Unterhuber.
- In progress** - “Two Sides of the Same Coin: Forced Resettlement and Mass Killing.” Co-authored with Christoph Dworschak.

## Training

### Summer Schools

- Aug. 2021** - University of Essex Summer School in Social Science and Data Analysis: Advanced Machine Learning For Social Scientists taught by Reto Wüest.
- Aug. 2017** - University of Essex Summer School in Social Science and Data Analysis: Agent Based Models taught by Darren Schreiber.

**Jul. 2017** - University of Essex Summer School in Social Science and Data Analysis:  
Data Visualization taught by Richard Traunmüller.

## Teaching

**University of Innsbruck, Department of Political Science**

**Winter semester 2020/21** - 402010 PS Applied Methods of Social Sciences.

**Summer semester 2020** - 402024 PS Statistics: Statistics for Social Sciences using R.

**Winter semester 2019/20** - 402022 PS Statistics: Statistics for Social Sciences using R.

## Conferences & Workshops

### Conferences

**Oct. 2023** - Center for Crisis Early Warning Symposium 2023, Munich, Germany.

**Jun. 2023** - European Peace Science Conference (NEPS), Bologna, Italy.

**May 2023** - Computational Text Analysis (COMPTTEXT), Glasgow, UK.

**May 2022** - Computational Text Analysis (COMPTTEXT), Dublin, Ireland.

**Aug. 2020** - European Consortium for Political Research (ECPR), online.

**Jun. 2017** - European Peace Science Conference (NEPS), Antwerp, Belgium.

### Workshops

**Oct. 2023** - Workshop “2023/24 VIEWS prediction challenge”, Berlin, Germany.

**Sep. 2023** - Workshop “Empirical Research on Peace and Conflict” (AFK Methoden),  
Munich, Germany.

**Sep. 2022** - Workshop “Empirical Research on Peace and Conflict” (AFK Methoden),  
Sandbjerg, Denmark.

**Jul. 2017** - Workshop “Political, Economic, Social, and Legal Aspects of Hosting Mi-  
grants and Refugees”, Bahçeşehir University, Istanbul, Turkey.

## References

**Kristian S. Gleditsch** - University of Essex, ksg@essex.ac.uk, +44 (0) 1206 872517,  
MSc supervisor.

**Tobias Böhmelt** - University of Essex, tbohmelt@essex.ac.uk, +44 (0) 1206 872288,  
Instructor and co-author.

**Christoph Dworschak** - University of York, christoph.dworschak@york.ac.uk, +49 (0)  
178 5426705, Co-author.