

## MARTIN KOSÍK

[martin.kosiik@gmail.com](mailto:martin.kosiik@gmail.com)

<https://martin-kosiik.github.io/homepage/>

## EDUCATION

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| <b>CERGE-EI, Prague</b><br>PhD in Economics  | 2021 - present |
| <b>CERGE-EI, Prague</b><br>MA in Economics   | 2019 - 2021    |
| <b>Institute of Economic Studies, Charles University, Prague</b><br>Bachelor degree<br>Summa cum laude | 2016 - 2019    |

## RESEARCH VISITS

**Kellogg School of Management, Northwestern University**    September 2022 - December 2022  
Invited by Nancy Qian

## WORK IN PROGRESS

## Ethnic Procurement

*with Vasily Korovkin and Pasha Andreyanov*

- The role of ethnic ties in Russian public procurement auctions
- Large database of 20 million purchases with information on prices, detailed product categories, bureaucrats etc.

# Optimal Targeting of Interventions to Reduce Crop Residue Burning

- I apply an atmospheric model (HYSPLIT) to compute the average population exposure to pollution caused by crop residue burning across different locations in North India
- The results will be used to calculate spatially optimal policy for targeting of interventions to reduce crop residue burning

## The Effect of Vitamin A and Deworming on Education

*OSF registration, Pre-Analysis Plan* [project on hold due to the data unavailability]

- I plan to use administrative and census data to estimate the effects of DEVTA trial on school enrollment and academic achievement
- DEVTA trial was a large-scale experiment in India which randomized vitamin A supplementation and deworming treatment to pre-school children to study the effects on health outcomes (see Awasthi et al. 2012a and Awasthi et al. 2012b)

## RESEARCH ASSISTANCE

**Conflict and Inter-Group Trade [published in AER]** August 2020 - June 2022  
*Vasily Korovkin and Alexey Makarin*

- I helped with scraping documents on arbitration cases considered in Russian courts and I developed tools to extract useful information from the raw text (e.g., the names of defendants and plaintiffs), which combined machine learning and fuzzy string matching
- I also worked on ensuring the whole analysis can be exactly replicated on a different computer

**Volební lavička (Voter's bench) project [unpublished]**

May 2018 - September 2019

*Michal Bauer, Julie Chytilová, and Filip Matějka*

- Research project studying information acquisition of voters in Czech municipal elections
- This was done through creation of a website where politicians could fill in their platforms and voters could easily compare them
- My responsibilities included searching contact information on politicians, maintaining the databases of registered politicians, data cleaning and exploratory data analysis

**TEACHING ASSISTANCE**

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**Econometrics II (PhD sequence)**

May 2022 - July 2022

*Professor: Vasily Korovkin*

Content: panel data methods (FE and RE, difference-in-differences, dynamic panel data models)

**GRANTS**

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**Charles University Grant Agency**

March 2022

*Martin Kosík as a co-researcher, Jan Žemlička as PI**CZK 681,000 ( $\approx$  USD 29,042)*

for Advanced Neural Networks Architectures for Solving Heterogeneous Agent Models

**HONORS, AWARDS, AND FELLOWSHIPS**

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**2021 RSJ Second-Year Research Fellowship - first prize**

- Awarded for the best research proposals submitted by MA or PhD students in economics at CERGE-EI

**CERGE-EI Alumni Excellence Fellowship for 2020/2021**

- awarded to second-year students who manage to pass the complete first-year general exams with a PhD pass and rank among the top three

**2019 Deloitte Outstanding Thesis Nomination**

- for exceptional bachelor's or master's theses defended at the Institute of Economic Studies of the Faculty of Social Sciences at Charles University (7 theses out of 127 nominated)

**IES Excellence scholarship in 2016/2017 and 2017/2018**

- Awarded to 10% students with the best GPA at the Institute of Economic Studies of the Faculty of Social Sciences at Charles University

**COMPUTER SKILLS**

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**Advanced**R (Tidyverse, sf, ...), Python (Tensorflow, Spacy, Scrapy, ...), L<sup>A</sup>T<sub>E</sub>X**Intermediate**

Google Earth Engine, QGIS, Stata, Matlab, Git

**LANGUAGES**

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**Czech**

Native

**English**

Fluent

**German**

Intermediate

## EXTRACURRICULAR ACTIVITIES

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Active member of the Czech Association for Effective Altruism

## REFERENCES

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**Vasily Korovkin, Ph.D.**

CERGE-EI

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**doc. PhDr. Michal Bauer, Ph.D.**

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