DESISLAVA TARTOVA

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⊙ Paris School of Economics (PSE), 48 Boulevard Jourdan, 75014 Paris, France

EDUCATION

PARIS SCHOOL OF ECONOMICS (PSE)   since 2021
Ph.D. Candidate in Economics

PARIS SCHOOL OF ECONOMICS (PSE)   2020-2021
MRes in Analysis and Policy in Economics

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE (LSE)   2017-2018
MSc in Economics

THE UNIVERSITY OF NOTTINGHAM   2014-2017
BSc in Economics

RESEARCH IN PROGRESS

TEACHER VALUE-ADDED IN THE ABSENCE OF ANNUAL TEST SCORES: UTILISING TEACHER NETWORKS

Abstract: I develop a novel method for estimating teacher value added which controls for non-random student-teacher sorting without having to control for lagged grades in standardised tests. To do so, I exploit "networks" of teachers - teachers from the same subject who are observed in classrooms with a unique "link" teacher from another subject. I measure the relative value added of two teachers in a network as the difference between their classrooms' grades in a standardised exam, unexplained by student characteristics, correcting for the classrooms' grade differential in the subject of the link teacher. I show that the estimated teacher effects are unbiased under plausible assumptions that I confirm in the data. Using exhaustive French administrative data, I find that a 1 SD increase in teacher value added within school improves student scores by 0.17 SD in Math and 0.16 SD in French.

Presentations (including expected): CESifo / ifo Junior Workshop on the Economics of Education (2023), 38th meeting of the European Economic Association (2023), SSE Quality in Education Conference (2023), 18th Doctorissimes Conference (2023), European Association of Labour Economists (EALE) Conference (2023), PSE Applied Economics Seminar (2023), ENS Workshop in Economics of Education (2022), PSE Labour and Public Economics Seminar (2022)

EXPLAINING TEACHER VALUE-ADDED USING FRENCH TEACHER SURVEYS ON PEDAGOGICAL PRACTICES

TEACHING EXPERIENCE

Teaching Assistant, second-year undergraduate Microeconomics,
instructors: Margaret Bray, Erik Eyster (LSE)   2017-2018

RESEARCH EXPERIENCE AND OTHER EMPLOYMENT

Researcher (French Ministry of Education, Direction de l'évaluation,
de la prospective et de la performance)   2021-2022

Research assistant to Prof. Adrien Matray (Princeton)   2021-2022

EUROPEAN CENTRAL BANK
Research Analyst, *D.G. Monetary Policy - Capital Markets and Financial*
Structure division   2019-2020
Trainee, *D.G. Monetary Policy - Monetary Policy Strategy division*   2018-2019

CONFERENCE AND SEMINAR PRESENTATIONS

2023 (including expected): CESifo / ifo Junior Workshop on the Economics of Education, 38th meeting of the European Economic Association, SSE Quality in Education Conference, 18th Doctorissimes Conference, European Association of Labour Economists (EALE) Conference, PSE Applied Economics Seminar

2022: ENS Workshop in Economics of Education, PSE Labour and Public Economics Seminar

GRANTS AND HONORS

Paris 1 Sorbonne ED465 PhD scholarship   2021-2024

University of Nottingham Award for Outstanding Academic Achievements   2017

SOFTWARE AND PROGRAMMING

R, Stata, LaTeX

LANGUAGES

Bulgarian (native), English (fluent), French (advanced), Spanish (beginner)