

Putting the GDR's Legacy Effect under the Microscope: Eastern Female STEM Professionals in Reunified Germany.

Johannes Schütt

Free University of Berlin
M.Sc. Public Economics

Supervisor: Prof. Natalia Danzer, Ph.D.

4 July 2024

Motivation

- Previous Literature
- Research Question

Empirical Approach

- Econometric Specification
- Data

Preliminary Results

- Main Findings
- Discussion

Conclusion



Motivation





Previous Literature





Research Question





Empirical Approach



Table: Examples of Stem Professions (sorted by frequency)

ISCO-88 Code	Professional title
[2149]	Architects, engineers and related scientists
[3152]	Health, environmental and quality inspectors
[3119]	Materials and engineering specialists
[2142]	Civil engineers
[3121]	Data processing assistants
[3111]	Chemo- and physiocotechnician
[2145]	Mechanical engineers
[3114]	Electronics and telecommunications technology
[3120]	Data processing specialists
[2144]	Electronics and telecommunications engineers
...	



Econometric Specification

$$\begin{aligned} Stem_{itr} = & \beta_0 + \beta_1 Dist_Reunification_t + \beta_2 Female_i + \\ & \beta_3 Dist_Reunification \times Female_{it} + X_{itr}\gamma + \epsilon_{itr} \end{aligned} \quad (1)$$

with $Dist_Reunification_t = Survey_Year_t - 1990$.













References

