

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

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## Motivation

- Previous Literature
- Research Question

## Empirical Approach

- Econometric Specification
- Data

## Preliminary Results

- Main Findings
- Discussion

## Conclusion



# Motivation



Figure: Time Trend (by Region and Gender), 1984–2017

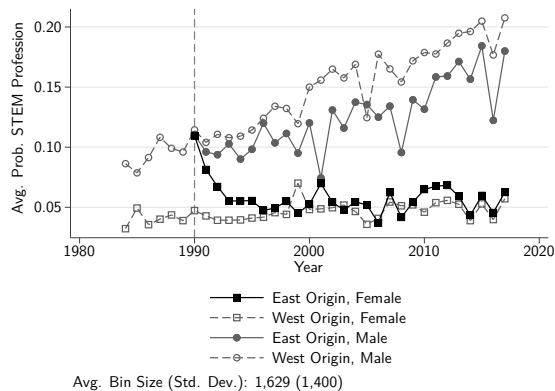


Figure: Time Trend (by Region and Gender), 1984–2017

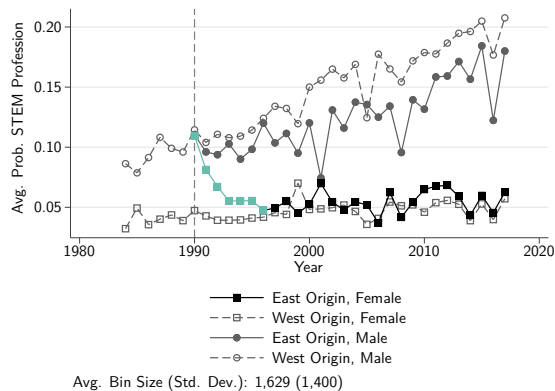
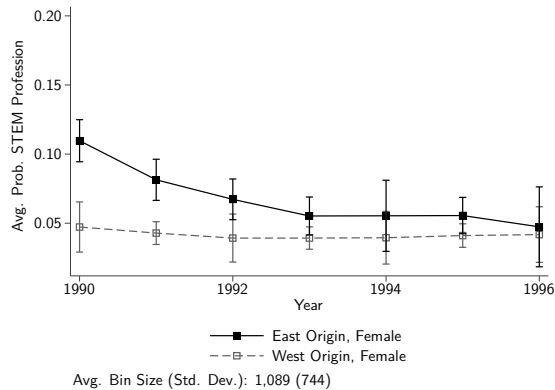


Figure: Time Trend (by Region and Gender), 1990–1996



## Previous Literature







## Research Question



## Putting the GDR's Legacy Effect under the Microscope

- └ Motivation

- └ Research Question

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# 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 physicot technician
[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  $Dist\_Reunification_t = Survey\_Year_t - 1990$ .



# Data





## Preliminary Results







## Main Findings





# Discussion





# Conclusion





## References





