

FABRICE NAUMANN

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EDUCATION

- PhD Candidate in Economics**, TU Dresden *Since 2017*
Thesis title: "Essays on Offshoring, Environment and Redistribution"
Advisor: Christian Leßmann
- MSc in Economics**, TU Dresden *2016*
Thesis title: "Public Employment Agencies in Labour Markets"
- BSc in Business and Economics**, TU Dresden *2012*
Thesis title: "Debt Limits in Germany and Switzerland - An Institutional Comparison"

RESEARCH INTERESTS

Offshoring, Heterogeneous Firms, Inequality, Redistribution and Environmental Policies, FDI

WORK IN PROGRESS

Redistribution Policy and Offshoring in General Equilibrium (*with Miriam Kohl*) - [Link](#)

Abstract: We look at the effect of domestic redistribution policy on offshoring in an asymmetric two country model of monopolistic competition, heterogeneous firms and occupational choice. The redistribution scheme is modeled by a combination of a progressive income tax and a lump-sum transfer. We find that the redistribution scheme lowers the degree of globalization measured by the share of offshoring firms in the economy. The intuition for this result is straightforward. The progressive income tax changes the factor allocation in the economy making it more attractive to become a worker. This leads to downward pressure on the domestic wage and thereby to a fall in the cost advantage of the host country. Changes in the domestic tax rate therefore affect the domestic economy not only directly but also via changes in the amount.

Presented at (°by co-author): *CGDE Doctoral Workshop (2022), Annual Meeting German Economic Association (2021), European Trade Study Group (2021), Hagen Workshop Global Economic Studies (2021), Göttingen Workshop International Economics (2019), TU Dresden Seminar (2019, 2020)*

Offshoring and Environmental Policy: Firm-Selection and Distributional Effects (*with Simon J. Bolz and Philipp M. Richter*) - [Link](#)

Abstract: In this paper, we analyze the impacts of a unilateral environmental policy reform on emissions, income and inequality in the context of offshoring. We set up a general equilibrium model of offshoring with heterogeneous firms. Each individual firm can allocate labor to different production tasks and to emission abatement. It also decides whether to offshore an emissions-intensive part of the production in order to benefit from lower labor and/or emissions costs abroad. We identify international differences in the ratio of input prices as key determinant of the environmental impact of the offshoring decision. As the policy reform increases offshoring, the input price ratio in both countries changes due to general equilibrium effects. This reinforces the relocation of emissions towards the host country of offshoring. Given a high level of offshoring, we find that emissions may increase at a global scale. In an extension we analyse the introduction of a carbon border adjustment.

Presented at (*scheduled, °by co-author): *AURÖ Junior Researcher Workshop* (2022), Annual Meeting German Economic Association (2022), EAERE (2022), BSE Insights Workshop (2022), Göttingen Workshop International Economics (2022), CGDE Doctoral Workshop (2022), European Trade Study Group (2021), TU Dresden Seminar (*2021, 2022)*

The Impact of Standardization on FDI

Abstract: Technical language incorporated in voluntary standards set by standard setting organizations such as ISO is widely used by countries as an investment barrier on the one hand and as quality signal on the other. I argue that diffusion of ISO 9000 certificates in a host country pulls FDI from source country firms and the diffusion is initially triggered by the country's membership in the ISO board which allows access to and actively shaping of standards. To show that I make use of a gravity model to examine the FDI effects of ISO 9000 diffusion. The model is estimated by applying country-pair fixed effects regression approach with being ISO board member as instrumental variable to a panel data set ranging from 1995 to 2020. I show that the diffusion of ISO 9000 certificates in the host country pulls FDI and being a member of the ISO board happens to be a good instrument for that.

REFEREE ACTIVITIES

Review of International Economics

COURSEWORK

Advanced Macroeconomics, Halle Institute for Economic Research	2021
Firms and Workers in the Global Marketplace, IfW Kiel (Penelopi Goldberg)	2018
Advanced Microeconomics, Halle Institute for Economic Research (Anke Kessler)	2018

TEACHING

International Trade: Theory and Policy (Lecture, Bachelor)	WT 18/19, WT 19/20
International Trade: Theory and Policy (Tutorial, Bachelor)	each term since ST 17
Advanced International Trade (Tutorial, Master)	ST 20
Regional Integration (Tutorial, Master)	ST 19, ST 20
Microeconomics (Tutorial, Bachelor)	ST 21
Strategy and Competition (Tutorial, Bachelor)	ST 21, ST 22
Introduction to Academic Writing	ST 17, ST 18, ST 19

OTHER PROFESSIONAL EXPERIENCE

Laboratory of Knowledge Architecture TU Dresden, Project Assistant	2016-2021
University of Cooperative Education Dresden, Lecturer	2020-2021
Saxon State Ministry of Economic Affairs, Project Assistant	2015-2016
Bayer Bitterfeld GmbH, Internship	2011

PERSONAL

Date of birth: April 7, 1990; Citizenship: German; Gender: Male

Last updated: August 2022