Irene Garcés–Iriarte

Ph.D. Candidate · Economics

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Education

World Trade Institute, University of Bern *Switzerland*
Ph.D. candidate in economics *Mar 2019 - present*
- Title: "Essays on the heterogeneous effects of trade policies"
- Advisors: Prof Dr. Joseph Francois and Dr. Octavio Fernández-Amador

Carlos III University of Madrid *España*
MSc in Economic Development and Growth *Sep 2016 - Oct 2017*
- Advisor: Prof Dr. Esteban Nicolini. GPA 8.0/10

University of Zaragoza *España*
BSc Undergraduate Degree with hons in economics *Sep 2012 - Sep 2016*
- Final prize of the promotion, GPA 8.36/10
- Advisor: Prof Dr. Gregorio Giménez-Esteban

Professional Experience

2021 - 2023 **Associate professor**, World Trade Institute, University of Bern, Switzerland
2017 - 2019 **Economic consultant**, Management Solutions S.A., Spain, and Norway
2015 - 2016 **Research Intern**, awarded national grant by the Ministry of Education. University of Zaragoza, Spain
2015 - 2015 **Internship at customer and treasury departments**, Grupo Pikolin S.A., Zaragoza, Spain

Working papers

Fernández-Amador, O., Garcés, I. (2023), "Modeling heterogeneous direct and third-country effects of the trade policy network", Mimeo. Bern: World Trade Institute, University Bern.

Abstract of my Job market paper: This paper presents a structural Melitz-type gravity model with firm heterogeneity featuring heterogeneous trade cost elasticities to estimate modular effects of trade agreements. We provide a structural underpinning for heterogeneous third-country—trade diversion and reverse diversion—effects. The correct estimation strategy when using approximated multilateral resistances in panels is shown. We analyze the components of the indirect effects of agreements, and two simulations highlight the quantitative importance of indirect effects. Third-country effects from the network of agreements in place can be economically significant. Governments should consider third-country effects when analyzing potential strategic integration scenarios.

Garcés, I., Vogt, A. (2023), "Patterns of regulatory differences in international trade: intensity coverage and structure", Mimeo. Bern: World Trade Institute, University Bern.

Abstract: With falling tariffs, the role of regulatory heterogeneity in international trade has become central in recent debates on regional integration and trade costs. However, few studies explicitly take into account the specific nature of the underlying regulatory differences. We propose distinguishing regulatory heterogeneity with respect to the intensity, coverage, and structure of regulations, and present indicators reflecting each one of these dimensions. Enabled by detailed product-level regulatory data based on coded reviews of national legislation, we illustrate the different channels of regulatory heterogeneity at the country- and sector- level. The findings motivate separate treatment of the different heterogeneity dimensions in the assessment of non-tariff measures in international trade. All indicators are made available in a database at different sectoral aggregations that can be used for descriptive and empirical work.

Garcés, I., Vogt A. (2023), "Global value chain integration and non-tariff measures", Mimeo. Bern: World Trade Institute, University Bern.

Abstract: This paper investigates to what degree domestic value added embodied in gross trade determines the formation of non-tariff measures (NTMs) imposed at the border and regulatory differences in technical regulation. We apply

a recently developed political economy model of trade policies and global value chains to indicators of NTM restrictiveness. Our results demonstrate that higher domestic value-added content in imports lowers policymakers' incentives to impose trade-restrictive NTM policies in a similar way as tariffs. These effects are heterogeneous with respect to sectors and income groups of the policy-imposing country.

Francois, J.F., Garcés, I. (2023), "Quantifying the costs of European disintegration: a computable general equilibrium (CGE) analysis", Mimeo. Bern: World Trade Institute, University Bern.

Abstract: The past fifty years have witnessed an upsurge in trade integration which has crystallized in the multiplication in the number of economic integration agreements. However, in the last decade, fears of de-globalization and disintegration of current international structures have spurred across the world and particularly impacted the European Union after Brexit. Nowadays, trade agreements go beyond tariff reductions and include non-tariff and trade facilitation measures. In this context, proper quantification exercises of the consequences that a possible European disintegration would have are of utmost importance. We propose departing from a structural gravity model to estimate the effects of trade agreements in Europe to include the negative values of these estimated shocks into a general equilibrium model consistent with firm heterogeneity à la Melitz to analyze the effects of disintegration on all European and third-countries regarding trade and welfare measures.

Francois, J.F., Garcés, I., Hauser, S, Vogt, A. (2023), "PTA determinants: The effect of regulatory differences in international trade", Mimeo. Bern: World Trade Institute, University Bern.

Abstract: Regulatory heterogeneity is perceived as the most important trade barrier today. In this paper, we analyze how regulatory distance regarding non-tariff measures is a determinant of signing a preferential trade agreement (PTA) and its level of depth integration (shallow, middle, or deep) regarding the number of provisions included. We find that higher regulatory heterogeneity among a country pair increases the likelihood of singing shallow, middle, or deep preferential trade agreements to overcome the different regulatory systems. However, the opposite effect is found for deeper ones as higher levels of harmonization are harder to achieve when both countries depart from different regulatory systems.

Awards, Fellowships, & Grants

2019-2023	**Graduate Research Fellowship**, Swiss National Science Foundation
2023	**Award for the best research paper presented by a young scholar at XXIV-Conference on international economics for my job market paper** , (see above)- Alcalá de Henares Spain. Spanish Association of International Economics and Finance (AEEFI)
2016	**Final prize of the promotion, Bachelor in economics**, University of Zaragoza
2015-2016	**Research grant awarded a national grant by the Ministry of Education**,
2016	**Grant for a summer school in big data and digitalization**, Afi, escuela de finanzas

Presentations

XXV-Applied economics meeting, 2023 - Toledo, Spain, Asociación libre de economía (Alde)

XXIV-Conference on international economics, 2023 - Alcalá de Henares Spain, Spanish Association of International Economics and Finance (AEEFI)

XXIV Annual conference of European trade study group (ETSG),2023, University of Surrey, United Kingdom

Workshop on Trade Policy Research Network Workshop Global Governance, Social Welfare, and Inclusive Trade Policy, 2023, European University Institute, Florence, Italy

The Brown Bag Seminars – Business & Economics – (BBS), 2023 - University of Zaragoza, Spain

World Trade Institute, Ph.D colloquiums 2021, 2022, 2023- University of Bern, Switzerland

Brown Bag seminar series, University of Bern, 2023 Switzerland.

Galbino research trade policy retreat, 2019, 2022, 2023 Padova, Italy

Attendance and organization of the ETSG and World Trade Forum, 2019 , University of Bern, Switzerland

Teaching Experience

2021- 2023	**Microeconomics at Master in Law and Economics (MILE)**, Associate professor	*World Trade Institute*
June 2023	**Econometric analysis of trade policy with a focus on trade remedies in the applied trade policy modeling (TRADEMOD) program**, Teaching Assistant	*World Trade Institute*
June 2022	**Econometric analysis of trade policy at applied trade policy modeling (TRADEMOD) program**, Teaching Assistant	*World Trade Institute*
Sept. 2022	**Working with trade data in the capacity building program for the trade ministry of Saudi Arabia**, Teaching Assistant	*World Trade Institute*

Outreach & Professional Development

2018	**Volunteering in India with disabled children**, at Mother Theresa's and children at risk of exclusion at New light NGO
2008-2016	**Volunteering with disabled children and horses** , in Fundación Caballos de Martincho Farasdués, Spain
2016-2017	**Graduate Student Association**, Committee Member. University of Zaragoza, Spain
2020-Current	**Professional orientation for high school students**, Ejea de los Caballeros, Spain

Languages and Software

Languages: Spanish (native) , English (advanced, IELTS C1), French (intermediate, DELF B2), German (basic, A2)

Software: *Statistical Programming*: STATA (advanced), R (advanced), E-views (intermediate); *Economic modelling*: GEM-PACT (intermediate), GAMS (basic); *Other*: Latex (advanced), Microsoft office (advanced)

References

Prof. Dr. Joseph Francois: Ph.D. Supervisor. Professor of International Economics. Managing Director at the World Trade Institute, University of Bern, Switzerland

Dr. Octavio Fernández-Amador: Ph.D. Co-supervisor. Senior Postdoctoral Researcher at World Trade Institute, University of Bern, Switzerland

Prof. Dr. Carmen Fillat-Castejón: Professor of International Economics at University of Zaragoza, Spain

Prof. Dr. Gregorio Giménez -Esteban: Professor of International Economics at University of Zaragoza, Spain