

Universidade Federal de Pelotas  
Instituto de Ciencias Humanas  
Departamento de Economia  
Zipcode: 96010-610 Pelotas Rio Grande do Sul

[alexandre.loures@protonmail.com](mailto:alexandre.loures@protonmail.com)  
[www.rodriquesloures.com](http://www.rodriquesloures.com)  
Skype: alexandre\_loures  
Phone: +55 53 3284-3865

## Education

### **Federal University of Paraiba**

Ph.D., Quantitative Methods in Economics, 2017.

Fields: Econometric Methods, Trade, Regional Growth

### **Pontifical Catholic University of Rio Grande do Sul**

M.A., Development Economics, 2013.

Fields: Applied Quantitative Method, Development, Rural Economics

### **Federal University of Sao Joao del-Rei**

B.A., Economics, 2008.

## Thesis

“Empirical Models of International Economics”

This thesis deals with two problems related to the empirical literature on international trade. In the first study, a solution to the problem of endogeneity (simultaneous relation) present in the estimation of the models of the Theory of Trade Terms is searched. The second article analyzes the effects of international trade on economic growth and capital accumulation for a group of developing countries and, consequently, on welfare.

## Dissertation

“Economic Efficiency of Farming in the Mineiros Municipalities, 1996 and 2006, Measured by Stochastic Frontier Analysis (SFA) and Data Envelopment Analysis (DEA)”

This dissertation evaluates economic efficiency level of Minas Gerais’s farmers, at municipalities, in 1996 and 2006. This period is characterized for an increase technology through new equipment and agricultural research, by plant species in connection with physical chemical properties, as well. The methodologies were applied Data Envelopment Analysis – DEA and Stochastic Frontier Analysis – SFA, in 750 municipalities and 842 municipalities, for 1996 and 2006, respectively.

## Research

### **Department of Economics, Federal University of Pelotas**

Period: 2019–2023

Postdoctoral Research Associate – CAPES

Project: Trade flow and gravity models

**Department of Economics, Federal Universtiy of Paraiba**

Period: 2018–2019

Postdoctoral Research Associate – CNPq

Project: Trade flow and gravity models

**Department of Rural Economy, Federal University of Vicosa**

Period: 2017–2018

Postdoctoral Research Associate – CAPES

Project: Trade flow and gravity models

**Teaching**

**Department of Economics, Federal University of Pelotas**

Instructor, Introduction to Mathematical Economics, 2024.1

Instructor, Mathematical Models in Economics, 2024.1

Instructor, Brazilian Economics I, 2024.1

**Department of Economics, Federal University of Pelotas**

Instructor, Mathematical Models in Economics, 2023.2

Instructor, Economic Statistics and Introduction to Econometrics, 2023.2

Instructor, Brazilian Economics I, 2023.2

Instructor, Social Accounting, 2023.2

**Department of Economics, Federal University of Pelotas**

Instructor, Introduction to Mathematical Economics, 2023.1

Instructor, Econometrics II, 2023.1

Instructor, Brazilian Economics I, 2023.1

Instructor, Tourism Economics, 2023.1

**Department of Economics, Federal University of Pelotas**

Instructor, Social Accounting, 2022.2

Instructor, Economic Statistics and Introduction to Econometrics, 2022.2

Instructor, Mathematical Models in Economics, 2022.2

**Department of Economics, Federal University of Paraiba**

Instructor, Economics I, 2020.1

Instructor, Introduction to Economy, 2020.1

**Department of Economics, Federal University of Paraiba**

Instructor, Introduction to Econometrics, Supplementary Period

Instructor, Introduction to Economics, Supplementary Period

**Department of Economics, Federal University of Pelotas**

Instructor, Macroeconomics I, 2019.2 – Postgraduate in economics

Instructor, Economic Theory, 2019.2

Instructor, Fundamentals of Finance, 2019.2

**Department of Economics, Federal University of Pelotas**

Instructor, Introduction to Mathematical Economics, 2019.1

Instructor, Basic Statistical Methods, 2019.1

Instructor, Tourism Economics, 2019.1

**Department of Economics, Federal University of Paraiba**

Instructor, Microeconomy Analysis III, 2015.1

Instructor, Introduction to Economics I, 2015.1

Instructor, Introduction to Economics, 2015.1

**Department of Economics, Federal University of Paraiba**

Instructor, Introduction to Economics, 2014.2

Instructor, Economy, 2014.2

Instructor, Financial and Capital Market, 2014.2

**Languages  
and Skills**

Portuguese (native), English (intermediate), Spanish (intermediate)

Stata, L<sup>A</sup>T<sub>E</sub>X, R, Scilab, Python, SQL, Matlab, C++

**Publications**

Carraro, A.; Fernandez, R. N.; Loures, A.; Arpino, K. F. de F. (2024). Factors associated with the probability of leaving Bolsa Familia Program. **The Journal of Developing Areas**, 58 (1), 1–19.

Loures, A.; Figueiredo, E. and Mariano, L. (2019). Mercosul e o efeito *spillover* na criação de comércio. **Revista de Economia Aplicada**, 23 (4), 79–92.

Loures, A. and Figueiredo, E. (2017). Uma nota sobre o impacto do comércio internacional no crescimento de economias em desenvolvimento. **Revista Brasileira de Economia**, 71 (4), 453–461.

Figueiredo, E. and Loures, A. (2016). O efeito do Mercosul sobre a comercialização de novos produtos. **Revista Brasileira de Economia**, 70 (3), 305–314.

Figueiredo, E.; Lima, Luiz Renato; Loures, A. and Oliveira, C. S. (2014). Uma análise para o efeito-fronteira no Brasil. **Revista Brasileira de Economia**, 68 (4), 481–496.

**Softwares**

Loures, A. (2022). zerotradeflow: a system for creating the bilateral trade flow between a country pair equal to zero. **The Comprehensive R Archive Network**, Version 0.1.1.

Loures, A. (2022). covid19brazil: database on the COVID-19 pandemic in Brazil (Brazil, Region, State and Municipality). **The Comprehensive R Archive Network**, Version 0.1.0.