

ARTHUR BAZOLLI ALVARENGA

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Education

- Universidade Federal de Juiz de Fora (UFJF)**, Juiz de Fora (BR) 2022-present
M.Sc. in Applied Economics, PPGE/UFJF
Thesis: Labor market, accessibility, and agglomeration economies: Evidence from rapid transit expansion in São Paulo, Brazil
Advisors: Prof. Admir Antonio Betarelli Junior and Prof. Ricardo da Silva Freguglia
- Ibmec Minas Gerais**, Belo Horizonte (BR) 2017-2021
B.Sc. in Economics
Thesis: Real estate and rapid transit: estimating the market premium of the São Paulo Rail Network
Advisor: Prof. Ari Francisco de Araujo Junior

Research

Fields: Applied economics, regional and urban economics, labor economics.

Working papers

Real estate and rapid transit: estimating the market premium of the São Paulo Rail Network, with Araujo Junior, A. F. and Betarelli Junior, A. A.

Heritage Tourism and Economic Development: An Input-Output analysis for Minas Gerais, Brazil, with Seibert, Cláudio E. S., Medeiros, E. H., Reis, F. S., and Perobelli, F. S.

Presentations at seminars

2022: XX Enaber (Salvador, Brazil), 50th Anpec (Fortaleza, Brazil).

2023: 29th IIOA Conference (Alghero, Italy), 51st Anpec (Rio de Janeiro, Brazil)

Work experience

- Research Assistant**, UFJF 2023-present
Project: "Economic impacts of the renewal of railways concession contracts on the productive system of Minas Gerais", with Betarelli Júnior, A. A. (cord.), Farias, W. R. S., Proque, A. L., Farias, M. M., and Fernandes, M. A. O.
- Teaching Assistant**, UFJF 2022-2023
Subject: Urban Economics (undergrad)
- M&A Analyst**, Impacto Hub 2019-2021
Financial models, valuation, market research, and due diligence processes.
- Intern**, Coinext Criptoedas 2019
Customer support, cryptocurrencies brokerage, and cash flow support.

Computer Skills

R

Cross-section, panel data, diff-in-diff, spatial econometrics, multivariate analysis
GIS, geocomputation, spatial visualization with {sf}, {spdep}, {r5r}, {tmap}, {ggplot2}, and others
Data tidying and analysis in the tidyverse framework, including {purrr}
Package building with {devtools} and {roxygen}
R/Git/GitHub workflow

Excel: Valuation and Project Finance models, Inter-regional Input-Output Analysis

Bash: basic knowledge, **SQL:** query writing.

Languages

Portuguese: native, **English:** advanced, **Spanish:** advanced, **Italian:** intermediate, **German:** basic

Volunteering and other projects

JF em Dados, Juiz de Fora (BR) 2022
Data analysis on public policy, elections, and general topics.

Instituto Mano Down, Belo Horizonte (BR) 2020-2021
Support institute for people with Down Syndrome.

Grupo de Estudantes Voluntários (GEV), Belo Horizonte (BR) 2014-2017
Support to daycares, technical schools, and people in vulnerable situations.

Awards

International Input-Output Association (IIOA) & Young Scholars Initiative (YSI)
Selected to attend as a presenter for the 29th IIOA Conference, including a travel grant (2023)

UFJF

Master's Scholarship provided by Fapemig (2022-2023)
Ranked first among applicants in the master's admission (2022)

Brazil at Silicon Valley & Fundação Estudar

Selected to attend the 1st Brazil at Silicon Valley Conference in Palo Alto, CA with financial aid from Fundação Estudar (2019)

Ibmec

Placed second in the Economics selection process, ranked 4th among candidates from all courses (2017).