

# Marcus L. Nascimento

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## EDUCATION

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<b>Federal University of Rio de Janeiro</b> D.Sc. in Statistics	Rio de Janeiro, Brazil 2019–2024
– Dissertation: Bayesian quantile regression analysis of complex survey data under informative sampling.	
<b>Federal University of Rio de Janeiro</b> M.Sc. in Statistics	Rio de Janeiro, Brazil 2016–2017
– Dissertation: Bayesian inference for finite mixture models of asymmetric distributions.	
<b>Federal University of Rio de Janeiro</b> B.Sc. in Actuarial Science	Rio de Janeiro, Brazil 2011–2015

## EXPERIENCE

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<b>José Luiz Egydio Setúbal Foundation</b> Research Scientist	São Paulo, Brazil 2023–Current
<b>Rio de Janeiro City Hall</b> Advisor	Rio de Janeiro, Brazil 2021–Current
<b>Accenture</b> Data Science Analyst	Rio de Janeiro, Brazil 2018–2019
<b>Accenture</b> Data Science Assistant	Rio de Janeiro, Brazil 2015

## PUBLICATIONS

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### STATISTICS

Nascimento, Marcus L. and Kelly M. Gonçalves. “Bayesian quantile regression models for complex survey data under informative sampling”. *Journal of Survey Statistics and Methodology*, to appear.

### CROSS-DISCIPLINARY

### PRE-DOCTORAL

Nascimento, Marcus L., Kelly M. Gonçalves, and Mario Jorge Mendonça. “Spatio-temporal instrumental variables regression with missing data: A Bayesian approach”. *Computational Economics*, vol. 62, no. 1, 2023, pp. 27–49.

Nascimento, Marcus L. and Carlos Antonio Abanto-Valle. “Flexible robust mixture regression modeling”. *REVSTAT, Statistical Journal*, vol. 20, no. 1, 2022, pp. 101–115.

- Nascimento, Marcus L. and Kelly M. Gonçalves. “Bayesian variable selection in quantile regression with random effects: an application to Municipal Human Development Index”. *Journal of Applied Statistics*, vol. 49, no. 13, 2022, pp. 3436–3450.
- Nascimento, Marcus L., Ralph S. Silva, Mario Jorge Mendonça, and Amaro O. Pereira. “Estimating the efficiency of Brazilian electricity distribution utilities”. *Journal of Applied Statistics*, vol. 49, no. 8, 2022, pp. 2157–2166.
- Nascimento, Marcus L., Kalinca L. Becker, and Mario Jorge Mendonça. “Implications of Brazilian Institutional Guidelines on Educational Efficiency”. *Economía, the journal of LACEA*, vol. 21, no. 1, 2020, pp. 147–168.