# André Victor Ribeiro Amaral

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## Education

1. **Ph.D. in Statistics**, King Abdullah University of Science and Technology. From Fall, 2020 to PRESENT. Advised by Dr. Paula Moraga.

2. **M.S. in Statistics**, Universidade Federal de Minas Gerais. From 02/2019 to 06/2020. Advised by Dr. Roger Silva.
   *Dissertation title*: Phase Transition Phenomenon in Percolation Models using Boolean Functions (written in Portuguese). https://github.com/avramaral/MSDissertation.

3. **B.S. in Statistics**, Universidade Federal de Minas Gerais. From 02/2018 to 12/2018 (Interrupted due to the Master's Program admission).

4. **B.S. in Industrial Engineering**, Pontifícia Universidade Católica de Minas Gerais. From 02/2012 to 06/2018.

5. **Exchange Student** (through the "Science without Borders" Program), Curtin University. From 07/2016 to 12/2017.

## Teaching

1. **Graduate Teaching Assistant** in "Contemporary Topics in Statistics" (STAT 294), King Abdullah University of Science and Technology. Fall, 2021. Advised by Dr. Paula Moraga. The material can be found in https://avramaral.github.io/STAT294/.

2. **Graduate Teaching Assistant** in "Applied Statistics with R" (STAT 215), King Abdullah University of Science and Technology. Fall, 2021. Advised by Dr. Joaquin Ortega.

3. **Graduate Teaching Assistant** in "Statistics and Probability" (EST 031), Universidade Federal de Minas Gerais. From 02/2020 to 06/2020. Advised by Dr. Cristiano Carvalho. The material (written in Portuguese) can be found in avramaral.github.io/AulasEstProb/.

4. **Teaching Assistant** in "Transport Phenomena" (twice) and "Operational Research", Pontifícia Universidade Católica de Minas Gerais.

## Conference Presentations

1. **Talk** in "ENAR 2022". 03/2022. *Modeling Infectious Disease Dynamics: Integrating Contact Tracing-based Stochastic Compartment and Spatio-temporal Risk Models.* The slides can be found in https://github.com/avramaral/ENAR2022.

2. **Poster presentation** in "TWAS 15$^{\text{th}}$ General Conference". 11/2021. *Modeling Infectious Disease Dynamics: Integrating Contact Tracing-based Stochastic Compartment and Spatio-temporal Risk Models*. The poster can be found in https://github.com/avramaral/TWAS.

## Participation and Attendance

1. 13$^{\text{th}}$ Summer Institute in Statistics and Modeling in Infectious Diseases (SISMID). 07/2021. I attended the following modules
   1.1. Module 7: Simulation-Based Inference for Epidemiological Dynamics.
   1.2. Module 9: Contact Network Epidemiology.
   1.3. Module 12: Statistics and Modeling with Novel Data Streams.
2. València International Bayesian Analysis Summer School, 4$^{\text{th}}$ Edition (VIBASS4). 07/2021.
3. Duke Machine Learning Virtual Summer School 2021. 06/2021.