

# Aishameriane Venes Schmidt

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## Education

### MSC IN ECONOMICS | 2017-2019 (EXPECTED)

#### FEDERAL UNIVERSITY OF SANTA CATARINA (UFSC), BRAZIL

- **Courses taken:** Quantitative Methods, Microeconomic Theory I, Macroeconomic Theory I and II, Econometrics I and II, Microeconometrics, Bayesian Econometrics, Introduction to Real Analysis (summer graduate school at the mathematics department), Monetary Economics (current enrolled), Behavioral Economics (current enrolled), Introduction to the Probability Theory (summer graduate school at University of São Paulo).
- **Advisor:** Prof. Guilherme Valle Moura, Ph.D..
- **Thesis topic and summary:** *Bayesian inference for TVP-VARs with stochastic volatility*. The main goal is to generalize Uhlig's BVAR model (1997) to a time varying parameter model using the propositions from Windle & Carvalho (2014) in order to obtain the model estimates. As economic application, I'm using this model combined with macroeconomic data from Brazil to investigate the impact of monetary policy shocks on income distribution.
- **Average mark for the second last year:** 9/10.
- **Average mark for the last year:** 10/10.
- **Overall mark:** 9.11/10.
- **Expected defense date:** March 2019.
- **Scholarship from CNPq - National Council for Scientific and Technological Development** (Portuguese: Conselho Nacional de Desenvolvimento Científico e Tecnológico).

### BSC IN ECONOMICS | 2015-2019 (EXPECTED)

#### STATE UNIVERSITY OF SANTA CATARINA (UDESC), BRAZIL

- **Monograph Advisor:** Prof. MSc. Fernando Pozzobon.
- **Monograph title and summary:** *Bayesian estimation of linear models with applications in economics* (grade: 10/10). This was the first Bayesian research developed in the department, so my idea was to make an introductory text that could be understood by undergraduates interested in Bayesian econometrics. I explored theoretical and empirical (using both Monte Carlo simulations and real data) aspects of the Bayesian linear regression model with conjugate prior and compared with the results obtained by the frequentist ordinary least square estimator. As application, I used data from the Brazilian Employment Ministry to investigate the gender wage gap in IT professions in the State of Santa Catarina and compared the results with a previous work from Pozzobon & Bonini (2014).
- **Extra-activities:** Represented the university as team member at the 1<sup>st</sup> Brazil's Econometric Game (2016, São Paulo, Brazil); internship at the Habilis Project (it is a project from the university whose main objective is to increase the population awareness about personal finance).
- **Average mark for the second last year:** 9.7/10.
- **Average mark for the last year:** 9.7/10.
- **Overall mark:** 9.2/10.
- **Expected date to graduate:** August 2019.

## **BSC IN STATISTICS | 2004-2009**

### **FEDERAL UNIVERSITY OF RIO GRANDE DO SUL (UFRGS), BRAZIL**

- **Monograph Advisor:** Prof. Dr. Cleber Bisognin.
- **Monograph title:** *Inference in K-factor GARMA processes* (grade: A – maximum grade). I studied theoretical properties of K-factor GARMA processes (like invertibility, stationarity, spectral density, etc) and used Monte Carlo simulation to compare different parametric and semiparametric estimators under different model specifications.
- **Activities:** teaching assistant (Statistics for Economics, 2009/2), undergraduate student representative at the department, lecturer of some short courses during the scientific weeks organized by the students (R and SPSS courses).
- **Scholarships:** TA scholarship from the University (2009); RA scholarship from Suzan G. Komen Foundation (2007-2008); RA scholarship from the University (2008-2009).
- **Graduation date:** March 2010.

## **Recent teaching experience and employment history**

### **FEDERAL UNIVERSITY OF SANTA CATARINA (UFSC), BRAZIL | 2017-CURRENT**

- **Role:** Teaching assistant (TA) and short course instructor.
- TA for the Bayesian Econometrics Course (graduate level) – held office hours for students, tutorials on MCMC methods, graded lists and the final paper, prepared typed lecture notes and extra course materials. I taught a course (20h) on Statistics for ANPEC (the national examination to enter the graduate schools in economics) and two short courses on R programming (undergraduate level). I also taught two probability and statistics summer courses (20h) as preparation for econometrics and Bayesian econometrics courses (graduate level).

### **STATE UNIVERSITY OF SANTA CATARINA (UFSC), BRAZIL | 2015-2016**

- **Role:** Teaching assistant (TA) and short course instructor.
- I was TA for a year for the statistics courses (undergraduate level, approximately 8 simultaneous courses each semester). My responsibilities included preparing and grading lists, preparation of extra material; conduct extra classes and hold office hours to students. I taught two short courses (9h each) about R programming.

### **BRAVI SOFTWARE – FLORIANÓPOLIS, BRAZIL | 2014-2015**

- **Role:** Part-time consultant in statistics. Development of prediction models and in-company training.

### **MERITT SOFTWARE – FLORIANÓPOLIS, BRAZIL | 2013-2015**

- **Role:** Statistician and HR Manager. Full-time employee (44h/week).

### **CHAORDIC SYSTEMS – FLORIANÓPOLIS, BRAZIL | 2012-2013**

- **Role:** Statistician. Full-time employee (40h/week).

**Other experiences:** I had two more full time jobs as Statistician before this and during my first undergraduate program I worked as private tutor and consultant (mathematics and statistics). Additionally, I was a volunteer at an ONG for Breast Cancer Awareness and I volunteered as math teacher at a preparatory course for students from underserved communities who were preparing for University's entrance exams. I also worked occasionally as a free-lancer for a market research company.

## Publications

### CHAPTER IN CONFERENCE ANNALS

- SCHMIDT, A. V.; BOITO, F. Z.; PILLA, L. L.. Fundamentos de Estatística para Análise de Desempenho. In: Edson Luiz Padoin; Márcia Cristina Cera; Andrea Schwertner Charão. (Org.). **Anais da XVII Escola Regional de Alto Desempenho (ERAD/RS)**. 1ed. Porto Alegre: Sociedade Brasileira de Computação, 2017, v. 17, p. 3-24. Title translation: *Fundamentals of Statistics for Performance Analysis*.
  - **Summary:** This work is derived from a short course I lectured and prepared along with Mrs. Boito and Mr. Pilla for approximately 100 people about fundamentals of statistics applied in computer science during the “Regional School on High Performance Computing” held in Ijuí, Rio Grande do Sul, Brazil. The annals of the event were compiled in a book volume.

### ARTICLES IN PEER-REVIEWED JOURNALS

**Summary:** the papers below were made during my research assistant internship in a Genetics Laboratory at the University’s Hospital (in Porto Alegre, Brazil). I was responsible for the statistical analysis and had two professors supervising me (one from the Statistics Department and the other from the Medicine Department). All the works are related to a Cohort Study in which 10.000 women from Porto Alegre city were enrolled and had teams from two different hospitals as well as a team in a primary care unit. The five more recent papers are related to Ph.D. and/or Master research from the first authors where my contribution was in the statistical analysis and the first paper (at BMC Cancer) I had major role, having participated since its conception, all the analysis and modifications until the submission processes. All the papers and the majority of my presentations in conferences were related to aspects of this cohort, ranging from genetical characterization, assessment of the knowledge of the population regarding its health, breast cancer risk and the development of a questionnaire intended to be used as screening tool to identify women at risk for hereditary breast cancer. From the latter, we were able to develop a simple 7 question tool that could be easily employed in primary care units without requiring a nurse or a doctor supervision (which was the case of the available screening tools back at that time). This tool is currently listed in the [Final Recommendation Statement at US Preventive Service Task Force](#).

- AGUIAR, E; GIACOMAZZI, J.; **SCHMIDT, A.**; BOCK, H.; SARAIVA-PEREIRA, M. L.; SCHULER-FACCINI, L.; DUARTE FILHO, D.; SANTOS, P. A. C.; GIUGLIANI, R.; CALEFFI, M.; CAMEY, S. A.; ASHTON-PROLLA, P.. *GSTM1, GSTT1, and GSTP1 polymorphisms, breast cancer risk factors and mammographic density in women submitted to breast cancer screening*. Revista Brasileira de Epidemiologia, v. 15, n. 2, p. 246-255, 2012. [Online version](#).
- BELO-REYES, V.; GIACOMAZZI, J.; **SCHMIDT, A.**; SILVA, P. S.; SKONIESKI, G.; DUARTE FILHO, D.; CALEFFI, M.; GIUGLIANI, R.; ASHTON-PROLLA, P.; CAMEY, SUZI A.. *Breast cancer risk estimates, body mass index and breast density in women submitted to mammographic screening in an underserved population*. Cadernos Saúde Coletiva (UFRJ), v. XX, p. 367, 2012.
- GIACOMAZZI, J.; AGUIAR, E.; PALMERO, E.I.; **SCHMIDT, A. V.**; SKONIESKI, G.; DUARTE FILHO, D.; BOCK, H.; SARAIVA-PEREIRA, M.L.; EWALD, I.P.; SCHULER-FACCINI, L.; CAMEY, S.A.; CALEFFI, M.; GIUGLIANI, R.; ASHTON-PROLLA, P.. *Prevalence of ER $\alpha$ -397 PvuII C/T, ER $\alpha$ -351 XbaI A/G and PGR PROGINS polymorphisms in Brazilian breast cancer-unaffected women*. Brazilian Journal of Medical and Biological Research, v. 45, n. 10, p. 891-897, 2012. [Online version](#).
- EWALD, I. P.; IZETTI, P. R.; VARGAS, F. R.; MOREIRA, M. A. M.; MOREIRA, A. S. ; MOREIRA-FILHO, C. A.; CUNHA, D. R.; HAMAGUCHI, S.; CAMEY, S. A.; **SCHMIDT, A.**; CALEFFI, M.; KOEHLER-SANTOS, P.; GIUGLIANI, R.; ASHTON-PROLLA, P.. *Prevalence of the BRCA1 founder mutation c.5266dup in Brazilian individuals at-risk for the Hereditary Breast and Ovarian Cancer Syndrome*. Hereditary Cancer in Clinical Practice (Online), v. 9, p. 12, 2011. [Online version](#).

- GIACOMAZZI, J.; AGUIAR, E.; PALMERO, E.I.; **SCHMIDT, A.V.**; SKONIESKI, G.; DUARTE FILHO, D.; BOCK, H.; SARAIVA-PEREIRA, M.L.; SCHULER-FACCINI, L.; CAMEY, S.A.; CALEFFI, M.; GIUGLIANI, R.; ASHTON-PROLLA, P.. *Prevalence of the STK15 F31I polymorphism and its relationship with mammographic density*. Brazilian Journal of Medical and Biological Research on line, v44, p. 291-296, 2011. [Online version](#).
- ASHTON-PROLLA, P.; GIACOMAZZI, J.; **SCHMIDT, A. V.**; ROTH, F. L.; PALMERO, E. I.; KALAKUN, L.; AGUIAR, E. S.; MOREIRA, S. M.; BATASSINI, E.; BELO-REYES, V.; SCHULER-FACCINI, L.; GIUGLIANI, R.; CALEFFI, M.; CAMEY, S. A.. *Development and validation of a simple questionnaire for the identification of hereditary breast cancer in primary care*. BMC Cancer (Online), v. 9, p. 283, 2009. [Online version](#).

## WORKS PRESENTED IN SCIENTIFIC CONFERENCES FORTHCOMING

- SCHMIDT, Aishameriane; MOURA, Guilherme Valle. Impact of monetary policy on income distribution - accepted for oral presentation at the 23rd SINAPE (Brazilian symposium of probabilistic and statistics), which will be held on São Paulo, Brazil.
- SCHMIDT, Aishameriane; POZZOBON, Fernando. *Bayesian Estimation of Linear Models with applications in Economics* - accepted for poster presentation at the 23rd SINAPE.
- Submitted papers for the European Seminar on Bayesian Econometrics (ESOB 2018) and for the 40<sup>th</sup> Brazilian Econometric Society Annual Meeting (SBE).

## 2017-2018

- SCHMIDT, Aishameriane; MOURA, Guilherme Valle. Oral presentation on the Young Scholars Initiative Latin America Convening, sponsored by Institute of New Economic Thinking. Title: *Impact of monetary policy on income distribution – evidence from Brazil*. July 2018.
- SCHMIDT, Aishameriane; MANFREDINI, Denise. Invited short course on R programming for Economic Students during the 1<sup>st</sup> UFSC Economic Convention. May 2018.
- SCHMIDT, Aishameriane; POZZOBON, Fernando. *Is there a wage gender gap in IT professions in Santa Catarina?* Poster presentation at the XIV Encontro Brasileiro de Estatística Bayesiana (Brazilian Bayesian Statistics Meeting), IMPA. Rio de Janeiro, Brazil. March 2018.
- SCHMIDT, A. V.; BOITO, F. Z. ; PILLA, L. L. . *Fundamentos de Estatística para Análise de Desempenho*. Short course on statistical methods applied to performance analysis. April 2017.

## PAST

I co-authored more than 20 conference presentations (either oral or poster) prior to 2010 related to the research at the hospital or my undergrad monograph. Here I am adding the ones that I had the major contribution, from doing the statistical analysis to preparing the paper/poster and presenting at the event. A complete list can be found at:

1. SCHMIDT, A. V.; BISOGNIN, C.; LOPES, S. R. C.. *Estimação em processos GARMA*. In: 13th School on Time Series and Econometrics, São Paulo, 2009. Title translation: *Estimation in GARMA processes*.
2. SCHMIDT, A.; GIACOMAZZI, J.; ROTH, F. L.; PALMERO, E.I.; KALAKUN, L.; AGUIAR, E. S.; MOREIRA, S. M.; Batassini, E.; BELO-REYES, V.; Caleffi, M.; Camey, S. A.. *Desenvolvimento e validação de um questionário para identificação de casos de câncer de mama e câncer colorretal hereditários a nível de saúde primária*. In: Poster and oral presentation at the scientific week of the University (it was a formal requirement for all students enrolled in RA positions). Title translation: **Development and validation of a simple questionnaire for the identification of hereditary breast and colorectal cancer in primary care**.
3. SCHMIDT, Aishameriane; CAMEY, Suzi; ASHTON-PROLLA. *Correlation between Claus, Gail and Tyrer-Cuzick models in a population-based cohort study*. Poster presentation at the XXIVth

International Biometric Conference, 2008. **Recipient of the Best Poster Presentation Award.**

4. SCHMIDT, A. V.; GIACOMAZZI, J.; CAMEY, S. A.; ASHTON-PROLLA, P.; CALEFFI, M.. *CORRELAÇÃO ENTRE OS MODELOS DE PREDIÇÃO DE RISCO PARA CÂNCER DE MAMA GAIL, TYRER-CUZICK E AS TABELAS DE CLAUS EM UM ESTUDO DE COORTE NA REGIÃO SUL DO BRASIL.* Poster and oral presentation at the scientific week of the University. Title translation: **Correlation between the Claus tables, Gail and Tyrer-Cuzick breast cancer risk models in a population-based cohort study in South Brazil.**
5. SCHMIDT, A. V.; GIACOMAZZI, J.; PALMERO, E. I.; ROTH, F. L.; KALAKUN, L.; CALEFFI, M.; ASHTON-PROLLA, P.; CAMEY, S. A.. *Informações Equivocadas sobre Câncer de Mama: um estudo em mulheres atendidas nas unidades básicas de saúde (UBS) de Porto Alegre.* Poster presentation at the 28th Scientific Week of the Clinicas Hospital from Porto Alegre. Title translation: **Breast Cancer misinformation: a study with female patients from primary care units in Porto Alegre.**
6. SCHMIDT, A. V.; GIACOMAZZI, J.; PALMERO, E. I.; ROTH, F. L.; KALAKUN, L.; CALEFFI, M.; ASHTON-PROLLA, P.; CAMEY, S. A.. *Conhecimento sobre câncer de mama hereditário, escolaridade e risco genético individual: um estudo em mulheres atendidas nas unidades básicas de saúde (UBS) de Porto Alegre.* Poster presentation at the 28th Scientific Week of the Clinicas Hospital from Porto Alegre. Title translation: **Knowledge about hereditary breast cancer, scholaryity and individual genetic risk – a study with women from the basic health unit care units from Porto Alegre.**
7. SCHMIDT, A. V.; GIACOMAZZI, J. ; ASHTON-PROLLA, P. ; CAMEY, S. A. . *Correlação entre os modelos de predição de risco para câncer de mama Claus, Gail e Tyrer-Cuzick em um estudo de coorte na região sul do Brasil.* Brazilian's Genetics National Meeting, 2008, Gramado-RS. Title translation: **Correlation between Claus, Gail and Tyrer-Cuzick breast cancer prediction models in a cohort study at Brazil's south region.**
8. SCHMIDT, A. V.; GIACOMAZZI, J. ; PALMERO, E. I. ; ROTH, F. L. ; KALAKUN, L. ; CALEFFI, M. ; ASHTON-PROLLA, P. ; CAMEY, S. A. . *Conhecimento sobre câncer de mama hereditário, escolaridade e risco.* XVIII World Epidemiology Congress and VII Brazilian Epidemiology Congress, 2008. Title translation: **Knowledge about hereditary breast cancer, education and risk.**

#### **Others (presented by co-authors)**

1. GIACOMAZZI, J.; **SCHMIDT, A. V.**; PALMERO, E I ; ROTH, F L ; CALEFFI, M ; CAMEY, S.A. ; ASHTON-PROLLA, P. . *Evaluation of the knowledge about breast cancer in Brazilian women seeking assistance in basic health care units.* In: ASCO Annual Meeting, 2014, Chicago. J Clin Oncol 2014 ASCO Annual Meeting Abstracts.
2. GIACOMAZZI, J.; SCHNEIDER, S. ; PALMERO, E I ; NETTO, C. B. O. ; **SCHMIDT, A. V.**; SKONIESKI, G. ; CALEFFI, M ; CAMEY, S.A. ; ASHTON-PROLLA, P.. *Análise comparativa de estimativas de risco para câncer de mama propostas pelo modelo de Gail e Modelo de Tyrer Cuzick na Coorte de rastreamento mamográfico Núcleo Mama Porto Alegre (Comparative analysis of the breast cancer risk estimates generated by the Gail and Tyrer-Cuzick models in the Breast Cancer Screening Cohort Núcleo Mama Porto Alegre).* In: VI Congresso Franco Brasileiro de Oncologia (VI Brazilian Oncology Conference), 2010, Rio de Janeiro.
3. ASHTON-PROLLA, P.; **SCHMIDT, A. V.**; ROTH, F. L.; PALMERO, E.I. ; KALAKUN, L.; AGUIAR, E. S.; MOREIRA, S. M.; BATASSINI; CALEFFI, M. ; CAMEY, S. A.. *Development and validation of a simple questionnaire for the identification of hereditary breast cancer in primary care.* In: 29 Semana Científica do Hospital de Clinicas de Porto Alegre, 2009, Porto Alegre.
4. ASHTON-PROLLA, P.; GIACOMAZZI, J.; **SCHMIDT, A. V.**; ROTH, F. L.; AGUIAR, E.; MOREIRA, S. M.; BELO-REYES, V.; KALAKUN, L.; CALEFFI, M.; CAMEY, S. A.. *Desenvolvimento e validação de um questionário para identificação de indivíduos em risco para câncer de mama hereditário em unidades básicas de saúde (Development and validation of a questionnaire to identify individuals, within the primary health care primare units, that have a higer probability to develop Hereditary Breast Cancer).* In: XX Congresso Brasileiro de Genética Médica (Brazilian's Genetics National Meeting) 2008, Gramado-RS.



5. GIACOMAZZI, J. ; **SCHMIDT, A. V.** ; KALAKUN, L. ; PALMERO, E. I. ; ROTH, F. L. ; CALEFFI, M. ; CAMEY, S. A. ; ASHTON-PROLLA, P. . *Conhecimento sobre detecção precoce de câncer de mama (CM), escolaridade e risco genético individual: um estudo em mulheres atendidas nas unidades básicas de saúde (UBS) de Porto Alegre (Early breast cancer detection knowledge, education and individual genetic risk: a study with women from the primary care units in Porto Alegre)*. In: XX Congresso Brasileiro de Genética Médica (Brazilian's Genetics National Meeting), 2008, Gramado-RS.
6. COSSIO, S. L. ; RIBEIRO, P. I. ; PITROSKI, C. E. ; **SCHMIDT, A. V.** ; KOEHLER-SANTOS, P. ; PROLLA, J. C. ; ASHTON-PROLLA, P. . *Estimativa da probabilidade de mutação germinativa em genes MMR em famílias com fenótipo sugestivo de síndrome de Lynch usando diferentes modelos matemáticos (Estimating the probability of germline mutation in MMR genes in families with suggestive Lynch's syndrome phenotype )*. In: XX Congresso Brasileiro de Genética Médica (Brazilian's Genetics National Meeting), 2008, Gramado-RS.
7. KOEHLER-SANTOS, P. ; ABUD, J. ; PITROSKI, C. E. ; COSSIO, S. L. ; **SCHMIDT, A. V.** ; TARTA, C. ; DAMIN, D. ; CONTU, P. ; ROSITO, M. A. ; ASHTON-PROLLA, P. ; PROLLA, J. C. . *Identificação de indivíduos em risco para câncer colorretal hereditário no ambulatório de coloproctologia do Hospital de Clínicas de Porto Alegre (HCPA) (Identification of high risk colorectal hereditary cancer individuals in the ambulatory of the Clinicas Hospital in Porto Alegre)*. In: XX Congresso Brasileiro de Genética Médica, 2008, Gramado-RS. Programa Final - Trabalhos Científicos. XX Congresso Brasileiro de Genética Médica, 2008. p. 103-103.
8. ASHTON-PROLLA, P. ; GIACOMAZZI, J. ; **SCHMIDT, A. V.** ; ROTH, F. L. ; AGUIAR, E. ; MOREIRA, S. M. ; BELO-REYES, V. ; KALAKUN, L. ; CALEFFI, M. ; CAMEY, S. A. . Development and validation of a questionnaire for the identification of hereditary breast cancer in primary care. In: 2008 ASCO Annual Meeting, 2008, Chicago. Journal of Clinical Oncology, 2008 ASCO Annual Meeting Proceedings (Post-Meeting Edition)., 2008. v. 26.
9. GIACOMAZZI, J. ; **SCHMIDT, A. V.** ; KALAKUN, L. ; PALMERO, E. I. ; ROTH, F. L. ; CALEFFI, M. ; CAMEY, S. A. ; ASHTON-PROLLA, P. . *A influência da história familiar de primeiro grau de câncer de mama (HFCM) no conhecimento sobre a doença (First degree family history influence in the disease's knowledge)*. In: 28ª Semana Científica do Hospital de Clínicas de Porto Alegre, 2008, Porto Alegre. Revista HCPA - Anais da 28ª Semana Científica, 2008. v. 28. p. 18-18.
10. GIACOMAZZI, J. ; AGUIAR, E. ; PALMERO, E. I. ; SARAIVA-PEREIRA, ML ; BOCK, H. ; **SCHMIDT, A. V.** ; CAMEY, S. A. ; SCHÜLER-FACCINI, L. ; CALEFFI, M. ; GIUGLIANI, R. ; ASHTON-PROLLA, P. . *Associação entre o polimorfismo STK15 F31I e fatores de risco para câncer de mama em mulheres submetidas a rastreamento mamográfico no sul do Brasil (Association between the polymorphisms STK15 F21I and breast cancer risk factors in women undergoing mammographic screening in South Brazil)*. In: 28ª Semana Científica do Hospital de Clínicas de Porto Alegre, 2008, Porto Alegre. Revista HCPA - Anais da 28ª Semana Científica, 2008. v. 28. p. 17-17.
11. GIACOMAZZI, J. ; **SCHMIDT, A. V.** ; KALAKUN, L. ; PALMERO, E. I. ; ROTH, F. L. ; CALEFFI, M. ; CAMEY, S. A. ; ASHTON-PROLLA, P. . *Conhecimento sobre detecção precoce de câncer de mama, escolaridade e risco genético individual: um estudo em mulheres atendidas nas unidades básicas de saúde (UBS) de Porto Alegre (Early breast cancer detection knowledge, education and individual genetic risk: a study with women from the primary care units in Porto Alegre)*. In: 28ª Semana Científica do Hospital de Clínicas de Porto Alegre, 2008, Porto Alegre. Revista HCPA - Anais da 28ª Semana Científica, 2008. v. 28. p. 17-17.
12. ASHTON-PROLLA, P. ; GIACOMAZZI, J. ; **SCHMIDT, A. V.** ; ROTH, F. L. ; AGUIAR, E. ; MOREIRA, S. M. ; BELO-REYES, V. ; KALAKUN, L. ; CALEFFI, M. ; CAMEY, S. A. . *Desenvolvimento e validação de um questionário para identificação de câncer de mama hereditário em serviços de atenção primária à saúde (Development and validation of a simple questionnaire for the identification of hereditary breast cancer in primary care)*. In: 28ª Semana Científica do Hospital de Clínicas de Porto Alegre, 2008, Porto Alegre. Revista HCPA - Anais da 28ª Semana Científica, 2008. v. 28. p. 20-20.
13. KOEHLER-SANTOS, P. ; ABUD, J. ; PITROSKI, C. E. ; COSSIO, S. L. ; **SCHMIDT, A. V.** ; TARTA, C. ; DAMIN, D. ; CONTU, P. ; ROSITO, M. A. ; ASHTON-PROLLA, P. ; PROLLA, J. C. . *Identificação de indivíduos em risco para câncer colorretal hereditário no ambulatório de coloproctologia do Hospital de Clínicas de Porto Alegre (HCPA) (Identification of high risk colorectal hereditary cancer individuals in the ambulatory of the Clinicas Hospital in Porto Alegre)*. In: 28ª Semana

- Científica do Hospital de Clínicas de Porto Alegre, 2008, Porto Alegre. Revista HCPA - Anais da 28ª Semana Científica, 2008. v. 28. p. 21-21.
14. COSSIO, S. L. ; RIBEIRO, P. I. ; PITROSKI, C. E. ; SCHMIDT, A. V. ; KOEHLER-SANTOS, P. ; PROLLA, J. C. ; ASHTON-PROLLA, P. . *Estimativa da probabilidade de mutação germinativa em genes MMR em famílias com fenótipo sugestivo de síndrome de Lynch usando diferentes modelos matemáticos (Estimating the probability of germline mutation in MMR genes in families with suggestive Lynch's syndrome phenotype using different mathematical models)*. In: 28ª Semana Científica do Hospital de Clínicas de Porto Alegre, 2008, Porto Alegre.
  15. GIACOMAZZI, J. ; AGUIAR, E. ; PALMERO, E. I. ; EWALD, I. P. ; SARAIVA-PEREIRA, ML ; BOCK, H. ; SCHMIDT, A. V. ; CAMEY, S. A. ; CALEFFI, M. ; GIUGLIANI, R. ; ASHTON-PROLLA, P. . *Prevalência de fatores de risco para câncer de mama e polimorfismos ERα397 PVUII C/T, ERα351XBAI A/G e PR PROGINS em mulheres submetidas a rastreamento mamográfico no sul do Brasil (Prevalence of ERα-397 PvuII C/T, ERα-351 XbaI A/G and PGR PROGINS polymorphisms in Brazilian breast cancer-unaffected women)*. In: 28ª Semana Científica do Hospital de Clínicas de Porto Alegre, 2008, Porto Alegre. Revista HCPA.

## Honours and Awards

- 2018 - Selected to attend the **1st Brazil Financial Mathematics Team Challenge** held in August at the Applied Mathematics School of the Fundação Getúlio Vargas, Rio de Janeiro. I worked with two other master students and one Ph.D. student under the supervision of prof. Mike Ludkovski. Our project was to develop a methodology to calculate the derivatives of a Gaussian Processes in order to estimate some financial quantities of interest (the Greeks). Receive all travel expenses to attend the event (approximately U\$1000).
- 2018 - Travel Grant (U\$250) from the Institute of New Economic Thinking, to attend the 2018 Young Scholars Initiative Latin America Convening, which were held in Buenos Aires in July.
- 2017 - **Best Student** from 2017's graduate cohort, for having the highest GPA among master and PhD students from the Economics Graduate Program. Received all travel expenses to attend the 23<sup>rd</sup> Graduate Association in Economics Meeting and the Brazilian's Econometric Society Meeting in Natal, Brazil.
- 2017 - **Master Scholarship** from the National Council for Scientific and Technological Development (CNPq, Portuguese: Conselho Nacional de Desenvolvimento Científico e Tecnológico).
- 2009 - **Honourable mention**, poster presentation at the 30<sup>rd</sup> Clinicas Hospital Research Week. Poster title: *Comparison between breast cancer models using data from a cohort study in South Brazil*.
- 2008 - **Best Poster Award** at the XXIV<sup>th</sup> International Biometric Conference in Dublin, Ireland. Received a certificate and a cash award (300€). Poster title: *Correlation between Claus, Gail and Tyrer-Cuzick models in a population-based cohort study*.
- 2007-2009 - **Undergraduate research assistant scholarships**. One from the Susan G. Komen for the Cure Association and other from my own University.
- 2002 - **First place**, individual research work at MOSTRATEC (it is an International Science Fair for high school students). Brazil. Award included invitation to present the work at 2003 Intel ISEF in Cleveland, Ohio as well as travel support.