

Curriculum Vitae

Personal information **Naser Davarzani**

Work experience

- **May 2025 - present;**
Methodology Assessor,
CBG-MEB, the Netherlands
Methodology Assessment
- **November 2022 - April 2025;**
Senior Data Scientist,
DHL Supply Chain, the Netherlands,
Statistical and Machine Learning Modelling,
- **November 2021-October 2022;**
Credit Risk Model Developer,
ING bank, the Netherlands;
Statistical and Machine Learning Modelling
- **October 2020- October 2021,**
Credit Risk Model Validator,
Rabobank, the Netherlands;
Statistical and Machine Learning Modelling
- **December 2018-September 2020,**
Post-doctoral researcher,
University of Amsterdam,
Faculty of Science, the Netherlands,
Statistical and Machine Learning Modelling
- **December 2015-November 2018;**
Post-doctoral researcher & Biostatistician,
University of Maastricht GROW School for Oncology and Developmental Biology, Department of Pathology,
Maastricht University Medical Centre, the Netherlands,
Statistical and Machine Learning Modelling.

Education and training

- **March 2012- July 2018;**
PhD in Data Science,
Maastricht University, Department of Cardiology and Department of Data Science & Knowledge Engineering,
the Netherlands,
Biomarker Discovery in Heart Failure
- **Fall 2005 – Fall 2008;**
M.Sc. Mathematical Statistics,
Payame Noor University, Department of Statistics, Tehran, Iran,
A Review on Censored Data with Emphasizing on Middle Censoring.
- **Fall 2001 – Fall 2005;**
B.Sc. Statistics
Allameh Tabatabaie University, Department of Statistics, Tehran, Iran.

Additional information

Publications

1. Liu, D.H.W., Kim, YW., Sefcovicova, N. **Davarzani, N.**, et al. (2023). Tumour infiltrating lymphocytes and survival after adjuvant chemotherapy in patients with gastric cancer: post-hoc analysis of the CLASSIC trial. *Br J Cancer* 128, 2318–2325.
2. **Davarzani, N.** et al. Systematic selection of competing metabolomics methods in a metabolite-sensory relationship study. *Metabolomics* 17, 77 (2021).
3. Coelho-Barros, E.A., Achcar, J.A., Martinez, E.Z., **Davarzani, N.**, Grabsch, H.I (2019). Bayesian inference for the segmented weibull distribution. *Revista Colombiana de Estadística*. 42(2), 225-43.
4. **Davarzani, N.**, et al. (2019). Inference on Marshall-Olkin bivariate exponential in the presence of dependent left censoring. *Journal of Statistical Theory and Practice*. 13(1), 13-21.
5. **Davarzani, N.**, et al. (2018). Novel concept to guide systolic heart failure medication by repeated biomarker testing - Results from TIME-CHF in context of predictive, preventive, and personalised medicine. *The EMPA Journal*. 9(2), 161-173.
6. **Davarzani, N.**, et al. (2018). Prognostic value of pathological lymph node status and primary tumor regression after neoadjuvant chemotherapy in the UK MRC OE02 esophageal cancer trial. *Journal of Histopathology*, 72(7), 1180-1188.
7. Icuma, T., Achcar, J.A., Martinez, E.Z., Davarzani, N. (2018). Determination of optimum medical cut points for continuous covariates in lifetime regression models. *Journal of Model Assisted Statistics and Applications*, 13(2), 141-159.
8. **Davarzani, N.**, et al. (2017). NT-proBNP guided therapy reduces repeated hospitalizations – results from TIME-CHF. *Journal of Cardiac Failure*. 23(5), 382-389.
9. **Davarzani, N.**, et al. (2017). Estimation on dependent right censoring scheme in an ordinary bivariate geometric distribution. *Journal of Applied Statistics*. 44(8), 1-16.
10. **Davarzani, N.**, et al. (2017). A Bayesian analysis for the bivariate geometric distribution in the presence of covariates and censored data. *Journal of Statistics and Management Systems*. 20 (1), 1-16.
11. **Davarzani, N.**, et al. (2016). Ranking accuracy for logistic-GEE models. In *International Symposium on Intelligent Data Analysis*, Springer International Publishing, 14-25.
12. Icuma, T.R., Buzatto, E.P., Tiezzi, D.G., Achcar, J.A., **Davarzani, N.** (2016). Basu-Dhar bivariate geometric distribution in the presence of covariates and censored data: A Bayesian approach. *Journal of Data Science*. 14(4), 657-680.
13. Van Wijk, S., Van Empel, V., **Davarzani, N.**, Maeder, M.T., Muzzarelli, S., Jeker, U., Dieterle, T., Handschin, R., Kiencke, S., Pfisterer, ME., Brunner-La Rocca, H.P., for the TIME-CHF investigators. (2015). Circulating biomarkers of distinct pathophysiological pathways in heart failure with preserved vs. reduced left ventricular ejection fraction. *European Journal of heart failure*, 17(10), 1006-1014.
14. Achcar, J.A., **Davarzani, N.**, Souza, M.R. (2015). Basu-Dhar bivariate geometric distribution in the presence of covariates and censored data: A Bayesian approach. *Journal of Applied Statistics*. 43(9): 1636-1648.
15. **Davarzani, N.**, et al. (2015). Bivariate lifetime geometric distribution in presence of cure fraction. *Journal of Data Science*, 13(4), 755-770.
16. **Davarzani, N.**, et al. (2015). Dependent right censorship in the Marshall-Olkin bivariate weibull distribution. *Communication in Statistics - Theory and Methods* 44 (11): 2222-2242.
17. **Davarzani, N.**, Parsian, A. (2015). Statistical Inference on Middle-Censored Data in a Dependent Setup. *Journal of Statistical Theory and Practice*, 9 (3): 646-657.
18. **Davarzani, N.**, Parsian, A. (2013). Inference under right censoring in a discrete setup. *Communication in Statistics - Theory and Methods*, 42 (13): 2362-2375.
19. **Davarzani, N.**, Parsian, A. (2011). Statistical inference for discrete middle-censored data. *Journal of Statistical Planning and Inference* 141 (4): 1455-1462.
20. **Davarzani, N.**, Parsian, A. (2010). Bayesian inference in dependent right censoring. *Communication in Statistics - Theory and Methods* 39 (7): 1270-1288.
21. **Davarzani, N.**, et al., (2009). Estimation of $P(X<Y)$ for a bivariate weibull distribution. *Journal of Applied Probability and Statistics* 4 (2): 227-238.

Projects

Memberships

Other Relevant Information