Patrick Altmeyer

Amsterdam, North Holland, The Netherlands

✉ patalt@patalt.org   pat-alt   ⓘ 0000-0003-4726-8613   🌐 patalt.org

Employment

BANK OF ENGLAND

Economist (London, UK) 2018-2020

Education

DELFT UNIVERSITY OF TECHNOLOGY

Ph.D. Computer Science 2021-2025

BARCELONA SCHOOL OF ECONOMICS (BSE)

Master's Degree in Data Science, GPA 8.67/10 2020-2021

Master's Degree in Economics and Finance, GPA 9.03/10 (top student) 2017-2018

THE UNIVERSITY OF EDINBURGH

Master of Arts with Honours in Economics, First Class (among top three students) 2013-2017

Publications

Altmeyer, P., Demetriou, A. M., Bartlett, A., & Liem, C. C. (2024). Position: Stop making unscientific AGI performance claims. *International Conference on Machine Learning*, 1222–1242. https://proceedings.mlr.press/v235/altmeyer24a.html

Altmeyer, P., Farmanbar, M., Deursen, A. van, & Liem, C. C. S. (2024). Faithful Model Explanations through Energy-Constrained Conformal Counterfactuals. *Proceedings of the Thirty-Eighth AAAI Conference on Artificial Intelligence*, *38*, 10829–10837. https://doi.org/10.1609/aaai.v38i10.28956

Hengst, F., Wolter, R., Altmeyer, P., & Kaygan, A. (2024). Conformal intent classification and clarification for fast and accurate intent recognition. *Findings of the Association for Computational Linguistics: NAACL 2024*, 2412–2432. https://doi.org/10.18653/v1/2024.findings-naacl.156

Agustí, M., Costa, I. V.-Q., & Altmeyer, P. (2023). Deep vector autoregression for macroeconomic data. *IFC Bulletins Chapters*, *59*. https://www.bis.org/ifc/publ/ifcb59_39.pdf

Altmeyer, P., Angela, G., Buszydlik, A., Dobiczek, K., Deursen, A. van, & Liem, C. C. (2023). Endogenous macrodynamics in algorithmic recourse. *2023 IEEE Conference on Secure and Trustworthy Machine Learning (SaTML)*, 418–431. https://doi.org/10.1109/satml54575.2023.00036

Altmeyer, P., Deursen, A. van, & Liem, C. C. S. (2023). Explaining Black-Box Models through Counterfactuals. *Proceedings of the JuliaCon Conferences*, *1*, 130. https://doi.org/10.21105/jcon.00130

Skills

Languages: German (native), English (fluent), Spanish (intermediate), Dutch (intermediate)
Programming: Julia, R, Python, MATLAB, C++, SQL, git, Bash, Quarto, LaTeX

Selected Awards & Honours

2nd Prize Winner of JuliaCon Pluto Notebook Competition. (2023)
1st Prize Winner of ING Experiment Week. (2023)
3rd Price Winner of Novartis Datathon. (2020)

Full scholarship for master's in data science awarded jointly by Bank of England and BSE. (2020)
Full scholarship for master's in economics and finance awarded BSE. (2017)
Edinburgh University School of Economics Joint Prize for the best performance in Economics. (2017)
School of Economics Prize for academic excellence in Economics. (2014)

References

Available upon request.