

Agata Foryciarz

Postdoctoral Scholar, Epidemiology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , CS-PHD (2025)
- B.S.E., Princeton University , Computer Science (2018)
- Minor, Princeton University , Statistics and Machine Learning (2018)

STANFORD ADVISORS

- David Rehkopf, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Causal modeling of chronic kidney disease in a participatory framework for informing the inclusion of social drivers in health algorithms.** *Journal of the American Medical Informatics Association : JAMIA*
Foryciarz, A., Srivathsa, N., Sedan, O., Goldman Rosas, L., Rose, S.
2026
- **Incorporating area-level social drivers of health in predictive algorithms using electronic health record data.** *Journal of the American Medical Informatics Association : JAMIA*
Foryciarz, A., Gladish, N., Rehkopf, D. H., Rose, S.
2025
- **Clinical utility gains from incorporating comorbidity and geographic location information into risk estimation equations for atherosclerotic cardiovascular disease.** *Journal of the American Medical Informatics Association : JAMIA*
Xu, Y., Foryciarz, A., Steinberg, E., Shah, N. H.
2023
- **Evaluating algorithmic fairness in the presence of clinical guidelines: the case of atherosclerotic cardiovascular disease risk estimation.** *BMJ health & care informatics*
Foryciarz, A., Pfohl, S. R., Patel, B., Shah, N.
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- **A comparison of approaches to improve worst-case predictive model performance over patient subpopulations.** *Scientific reports*
Pfohl, S. R., Zhang, H., Xu, Y., Foryciarz, A., Ghassemi, M., Shah, N. H.
2022; 12 (1): 3254
- **Net benefit, calibration, threshold selection, and training objectives for algorithmic fairness in healthcare**
Pfohl, S. R., Xu, Y., Foryciarz, A., Ignatiadis, N., Genkins, J., Shah, N. H., ACM
ASSOC COMPUTING MACHINERY.2022: 1039-1052
- **An empirical characterization of fair machine learning for clinical risk prediction.** *Journal of biomedical informatics*
Pfohl, S. R., Foryciarz, A., Shah, N. H.
2020: 103621
- **Where do Algorithmic Accountability and Explainability Frameworks Take Us in the Real World?**

Szymielewicz, K., Baccarelli, A., Hidvegi, F., Foryciarz, A., Penicaud, S., Spielkamp, M., Assoc Comp Machinery
ASSOC COMPUTING MACHINERY.2020: 689

- **Zero-Shot Transfer Learning with Synthesized Data for Multi-Domain Dialogue State Tracking**

Campagna, G., Foryciarz, A., Moradshahi, M., Lam, M. S., Assoc Computat Linguist
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2020: 122–32