

Alice Milivinti

PhD Quantitative
Demography

Personal Info

Phone

(269) – 861 – 0232

E-mail

amilivin@stanford.edu

WWW

<https://profiles.stanford.edu/alice-milivinti>

<https://aliceindataland.rbind.io>

LinkedIn

[linkedin.com/in/alicemilivinti/](https://www.linkedin.com/in/alicemilivinti/)

Key skills

Policy Evaluation

Longitudinal Data Analysis

Spatial Modeling

Bayesian Statistics

Time Series Analysis

Forecasting Methods

Technical skills

R

STAN

Python

Languages

Italian Native

English Fluent

French Fluent

Finnish Intermediate

German Beginner

Achievements include creating both spatial longitudinal regression, as well as Bayesian semiparametric time series, models, which reduced the forecast errors by 10% and 40% than the historical average. I have more recently approached the world of policy evaluation and causal inference. Together with Prof. Athey I am working on the development of a surrogate health index to predict long term effects of short term policy interventions.

Experience

2020/4 –

Stanford University. Center for Population Health Sciences and Center on Longevity Post-Doctoral Fellow.

- An Surrogate Health Index: predicting the long term effects of short term experiments;
- Lifecycle health effects of Roosevelt's New Deal Programs;
- The effects of the Earned Income Tax Credit on birth weight;
- The health effects of natural gas flaring and venting.
- Re-imagining A New Map of Life: Longevity and Work.

2014/9 – 2018/11

Swiss National Centres of Competence in Research (nccr) on the move. Doctoral Program.

- Time series forecasts with Bayesian techniques;
- Spatial statistical modelling and predictions of human migration;
- Semiparametric applied econometrics;
- Selected publication: "Bayesian Semiparametric Forecasts with trend-cycle interaction", co-authored with Giacomo Benini, published by *The Journal of the Royal Statistics: Series A*.

2015/11

University of Neuchatel (CH). Introduction to the R software.

- Intensive course for PhD students.

2014/4 – 2014/7

Nestlé (IT). Internship Trade Marketing.

- Descriptive analysis of sales data, profiling of prospect clients;
- Data mining in SAS.

Education

2017/08 – 2018/07

University of Michigan. Department of General Medicine. Visiting PhD Student.

2014/09 – 2018/08

University of Geneva (CH). Faculty of Social Sciences. PhD Candidate in Demography.

2010/09 - 2013/09

University of Geneva (CH). Faculty of Economic and Social Sciences. Msc in Economics.

2007/10 – 2010/10

University of Bologna (IT). Faculty of Political Sciences. BA in International Relations.

Awards and Fellowships

2021/07-2022/06

Spectrum NIH CTSA Grant (UL1TR003142). Milivinti/Athey, PI. 20,000 USD. A Healthy Surrogate: Predicting Long-Run Effects from Short-Run Policies.

2021/07-2022/06

Spectrum NIH CTSA Grant (UL1TR003142). Benini/Brandt, PI, Milivinti, Investigator, 20,000 USD. The Invisible Threat: The Health Risks of Natural Gas Flaring and Venting.

2017/08 – 2018/07

Doctoral Mobility Fellowship. 20.000 CHF. 12 months stay at the University of Michigan.

2017/04

Population Association of America Conference. Poster Session Winner (with Giacomo Benini). Chicago, 27-29 April.

Extracurricular Activities

Running, especially half-marathons, hiking, skiing, food and wine adventurous tastings.