

Alessandro Tang-Andersen Martinello

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Visit www.alemartinello.com for my publications and working papers

Goal-oriented, enthusiastic and motivating people leader, with a drive for innovation and data analysis. Specialized in causal inference and exploiting synergies between machine learning and traditional econometric and statistical approaches, with 10+ years' experience of extracting insights from messy, large scale real-world data.

Experience

- 06/2021- Principal Data Scientist, *Danmarks Nationalbanken*
- Coordinating the Microdata and Data Science analytical agenda of the central bank. Leading a team of data scientists to execute advanced analytical projects, both across the organization and with external stakeholders, using real world microdata. Examples include micro-level bank transactions, administrative registers, energy rating reports on Danish real estate, and newspaper articles.
- 03/2019-06/2021 Senior Data Scientist, *Danmarks Nationalbanken*
- 09/2016-02/2019 Assistant Professor, *Lund University, Department of Economics*
- Responsible for PhD supervision and teaching graduate level courses. Co-developed Annie™ MOORE, a software exploiting machine learning to optimally allocate refugees across the Unites States, currently in use by HIAS.
- 09/2014-08/2016 Postdoctoral fellow, *Lund University, Department of Economics*
- 01/2013-06/2013 Research Associate, *Harvard University, Department of Economics*
- 07/2011-06/2014 Ph.D. Candidate, *University of Copenhagen, Department of Economics*
- 08/2010-06/2011 Research Assistant, *SFI – Danish National Centre for Social Research (now VIVE)*

Skills & Abilities

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|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Programming | Python, SQL, Stata, LaTeX, HTML |
| Languages | Italian, English, Danish |
| Leadership and Management | Member of the network for professional project managers at the Danish Central Bank
Den Nye Leder (“The new manager”) certification by Center for Ledelse (2021) |

Education

2014	Ph.D. in Economics, <i>University of Copenhagen</i>
2010	M. Econ (w/honors), <i>Cá Foscari University of Venice</i>
2008	B. Econ (w/honors), <i>Cá Foscari University of Venice</i>

Academic peer-reviewed publications

2021	Placement Optimization in Refugee Resettlement, with Andrew C. Trapp, Alexander Teytelboym, Tommy Andersson, and Narges Ahani, <i>Operations Research</i>
2020	Long-Run Saving Dynamics: Evidence from Unexpected Inheritances, with J. Druedahl, <i>Review of Economics and Statistics</i>
2017	Measurement error in income and schooling, and the bias for linear estimators, with P. Bingley, <i>Journal of Labor Economics</i>
2013	Mental retirement and schooling, with P. Bingley, <i>European Economic Review</i>

About myself

I am originally from a small touristic town close to Venice, Italy. I first moved to Denmark in 2009 as part of my master level studies. It took some years, but *smørrebrød* did manage to grow on me. *Stegt flæsk med persillesauce*, not so much. Yet.

I live in Frederiksberg with my wife, my daughter, and my son. I used to enjoy running, rugby, playing the bass, and occasionally experimenting on Raspberry Pi, but nowadays my kids act as voracious black holes devouring all the little free time left. I still manage to go running sometimes.