# Jonathan Kent, PhD

*Data Scientist*

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## *Experience*

**Niche Analytics**                                      *Barcelona, ES & Zürich, CH*
Founder & Chief Data Scientist                           *February 2020 - Present*

- ○ Builds sports data and analytics tools to improve athlete performance, enhance scouting and projection, and enrich the knowledge and experience of supporters. Public projects include the websites Futstat.cat and KBOfancystats.com.

**ETH Zürich**                                           *Zürich, CH*
Academic Guest                                           *April 2023 - April 2024*

- ○ Conducted research under Prof. Dr. Ulrik Brandes, deepened quantitative methodological skills, and developed a research agenda to investigate comeback dynamics in soccer.

**Pompeu Fabra University**                              *Barcelona, ES*
Doctoral Researcher & Teaching Assistant                 *January 2019 - November 2024*

- ○ Used machine learning and Bayesian multilevel regression modeling to investigate the influence of urban land use on a range of outcomes including attitudes, human mobility, and mosquito populations.

**The Raben Group**                                      *Washington, DC & New York, NY, USA*
Political Strategy & Communications Consultant           *June 2010 - July 2017*

- ○ Counseled leaders of NGOs, foundations, and major corporations to achieve long-term public policy goals through political activity, coalition building, and media campaigns.

**Obama for America**                                    *Philadelphia, PA, USA*
Coordinator of Out-of-State Volunteers                   *October 2008 - November 2008*

**Office of U.S. Congressman Peter Welch**               *Washington, DC, USA*
Press Assistant                                          *May 2008 - June 2010*

## *Education*

**Pompeu Fabra University**                              *Barcelona, ES*
PhD in Political & Social Sciences                       *October 2018 - November 2023*

- ○ Dissertation: "Urban Fabric Designed for Diversity: How the Structure of Great European Cities Influences Attitudes and Behavior" *DOI:10803/690032*

**Pompeu Fabra University**                                                    *Barcelona, ES*
Master in Current Democracies: Nationalism, Federalism & Multiculturalism      *October 2017 - June 2018*

**Northeastern University**                                                    *Boston, MA, USA*
Bachelor of Science in Political Science                                        *September 2003 - May 2008*

## *Academic Publications*

**Kent, J.** (2024). Does urban design drive sympathy for the far right? *City, Culture and Society*, 36, 100553. *DOI:10.1016/j.ccs.2023.100553*

Rodon, T. & **Kent, J.** (2023). Geographies of EU dissatisfaction: Does spatial segregation between natives and migrants erode the EU project? *Journal of European Public Policy*, 1-18. *DOI:10.1080/13501763.2023.2271504*

**Kent, J.** (2022). Can urban fabric encourage tolerance? Evidence that the structure of cities influences attitudes toward migrants in Europe. *Cities*, 121, 103494. *DOI:10.1016/j.cities.2021.103494*

*Working Papers:*

"A Machine Learning Approach to Predicting Human Encounters with Tiger Mosquitoes in Europe"

"Improving the Gravity Model of Human Mobility with Land Use Data & Machine Learning"

"Beware the Two-Goal Lead: The Truth Behind the Most Dangerous Lead in Soccer"

## *Skills & Traits*

- Talented and enthusiastic R programmer (statistical modeling, visualization, geo-spatial data, Shiny)
- Experienced in Python (machine learning) and Julia
- Native English speaker and learner of German, Catalan, and Spanish
- Excellent writer and editor
- Creative problem solver and critical thinker
- Fast and eager learner
- Passionate about improvement
- Distance running enthusiast and aspiring sub-3:00 marathoner