

# Antoine Soetewey

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## Summary

I am a PhD candidate in statistics at UCLouvain in Belgium, within the Institute of Statistics, Biostatistics and Actuarial Sciences. My research interests focus on bio-statistical methods applied to cancer patients.

In parallel with my doctoral thesis, I am teaching assistant for several courses in statistics and probability at bachelor and master's level. I also provide trainings and consulting in data science, statistics and R programming for UCLouvain's technology platform for Statistical Methodology and Computing Service.

In my spare time, I write about statistics and code in R via my blog [statsandr.com](http://statsandr.com).

## Education

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|-------------|---|
| 2017 – 2024 | <b>PhD in statistics</b> – UCLouvain, Belgium <ul style="list-style-type: none"><li>- Thesis: <i>Life and health actuarial pricing: a biostatistics approach</i> (supervisors: Prof. Catherine Legrand and Prof. Michel Denuit)</li><li>- All publications, posters and talks available at <a href="http://antoinesoetewey.com/research">antoinesoetewey.com/research</a></li></ul> |
| 2015 – 2016 | <b>MSc in econometrics &amp; operations research</b> – Maastricht University, Netherlands <ul style="list-style-type: none"><li>- Thesis: <i>Combining professional and survey forecasts for macroeconomic data</i> (supervisor: Prof. Nalan Basturk)</li></ul>   |
| 2013 – 2015 | <b>MSc in economics</b> – KULeuven, Belgium <ul style="list-style-type: none"><li>- Thesis: <i>Negativity bias and framing effect in charity donations: a field experiment</i> (supervisor: Prof. Jo Swinnen)</li><li>- Faculty exchange of one semester at University of Illinois at Urbana-Champaign, USA</li></ul>   |
| 2010 – 2013 | <b>BSc in economics &amp; management sciences</b> – UCLouvain, Belgium  |

## Teaching experience

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|----------------|--|
| 2024           | <b>Visiting lecturer</b> for the course “Advanced quantitative methods” – UNamur, Belgium  |
| 2017 – Present | <b>Teaching assistant</b> in statistics – UCLouvain, Belgium <ul style="list-style-type: none"><li>- See all courses at <a href="http://antoinesoetewey.com/teaching">antoinesoetewey.com/teaching</a></li></ul> |
| 2018 – Present | <b>Instructor</b> for UCLouvain's university certificates in statistics – SMCS, Belgium  |

## Industry experience

- 2018 – Present     **Consultant** in statistics and data analysis for:
- Researchers and academics – SMCS, Belgium
  - Professionals and companies – [datanalyze.be](https://datanalyze.be)
- 2016 – 2017     **Data scientist** – Business & Decision, Belgium
- Involved in several projects focusing on data science and data visualization

## Technical skills & languages

### Software

- R (RStudio, R Markdown & Quarto, R Shiny), Jamovi, GitHub/GitLab, ~~LaTeX~~
- Web development
- See examples of projects at [antoinesoetewey.com/software](https://antoinesoetewey.com/software)

### Languages

- French (native), English (fluent), Dutch (basic)