



Bavo D.C. Campo

Senior Actuarial and Risk Analyst

CONTACT

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🏠 bavodc.github.io/
in Bavo D.C. Campo
📍 Belgium

🎓 EDUCATION

PhD in Actuarial Science
📅 2023 📍 KU Leuven

MSc in Statistics
📅 2019 📍 KU Leuven

BSc/MSc in Psychology
📅 2012/2014 📍 KU Leuven

EXPERTISE

Risk & Modeling

- Insurance and reinsurance pricing
- Solvency II internal models
- Economic capital and multi-line portfolio risk aggregation

Data & Automation

- R & Python
- Model tooling
- Automation and reproducible workflows

Decision Support

- Model interpretation
- Challenge and innovate methodologies
- Stakeholder communication

Languages

- Proficient: English & Dutch
- Limited: French, German & Russian

RESEARCH

- Research Associate at KU Leuven and Imperial College
- Author and maintainer of the actuARE and CalibrationCurves CRAN packages

ABOUT ME

Senior actuarial and risk professional with **10+ years** of experience in applied risk and predictive **modeling** across insurance, reinsurance, and biomedical settings. Combines deep **technical expertise** with a **background in psychology**, enabling structured judgement, clear **communication**, and effective **collaboration** across technical and non-technical stakeholders. Experienced in translating complex risk insights into decision-relevant input in an **international** and multicultural environment.

⚙️ WORK EXPERIENCE

Senior Actuarial and Risk Analyst 📅 10/2023 - Present
Ageas

- Drive development and implementation of Solvency II internal models for multi-line external reinsurance, supporting capital and tail risk evaluation.
- Provide capital modeling analyses supporting reinsurance structuring and capital allocation decisions.
- Critically assess and improve modeling methodologies, develop and validate alternative modeling approaches
- Lead automation and tooling for internal model runs, testing, and validation.
- Support evaluation and interpretation of model outcomes for stakeholders.

Senior Actuarial Data Scientist 📅 10/2019 - 10/2023
Belgian Insurance Company (confidential)

- Translated ambiguous business questions into structured analytical approaches and communicated results to diverse stakeholders.
- Developed and deployed a production pricing model used to determine premiums and support underwriting and portfolio steering.
- Took ownership of reusable analytical tooling and workflows.

Actuarial doctoral researcher 📅 10/2019 - 10/2023
Insurance Research Group - KU Leuven

- Led end-to-end research projects combining statistical modelling and machine learning.
- Developed multiple statistical software packages (incl. CRAN).
- Presented and explained complex results to both technical and non-technical audiences.

Biostatistician 📅 02/2015 - 09/2022
KU and UZ Leuven

- Statistical modeling across 20+ clinical and methodological research projects
- Took ownership of data governance and quality assurance.
- Developed and maintained statistical software tools.