

PERSEVERENCE SAVIERI

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SUMMARY

Doctoral researcher in medical sciences at Vrije Universiteit Brussels, part of the Biostatistics and Medical Informatics Research Group (BISI), and an experienced biostatistician and statistical consultant. Specialising in statistical programming, high-dimensional data analysis, and machine learning, I drive evidence-based decision-making in health and medical informatics. My research design, statistical modelling, and data visualisation skills have contributed to multiple peer-reviewed publications. I thrive in interdisciplinary collaborations, offering clear communication and analytical insights to address complex research challenges.

I am passionate about leveraging data-driven insights to solve complex problems, improve decision-making, and drive innovation. With expertise in biostatistics, data analysis, and statistical consulting, I thrive in translating data into actionable solutions that enhance outcomes and support impactful research.

STRENGTHS AND EXPERTISE

- Data Analysis & Visualisation
 - Project Management
 - Strategic Planning
 - Research & Collaboration
 - Consulting
 - Leadership & Coaching
 - Communication & Presentation
 - Statistical Software (R, GitHub, STATA, SAS & SPSS)
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PROFESSIONAL EXPERIENCE

Principal Statistical Consultant

Oct 2021 - Present

Vrije Universiteit Brussels, Brussels, Belgium

- Provide statistical and methodological support for research grant applications.
- Offer consultations, statistical coaching, data analyses, and lead workshops.
- Collaborate with researchers to design robust studies and develop comprehensive data analysis plans.
- Since 2021, I have provided guidance and statistical advice to over 150 researchers from various disciplines.

Academic Coach

Apr 2021 – Oct 2021

Teach Me 2, Cape Town, South Africa

- Delivered one-on-one math and statistics tutoring, leading to a 60% improvement in client grades.
- Utilised specialised techniques and accommodations to enhance academic success.

Biostatistics Intern

Jun 2020 – Sep 2020

African Cancer Institute, Cape Town, South Africa

- Conducted primary and secondary analyses of cancer datasets using R and STATA.
- Assisted in study design, sample size calculation, and statistical analysis plan development.
- Supported research proposals with statistical reports and manuscript writing and presented findings internally.

Teaching Assistant

Feb 2020 – Jun 2020

Stellenbosch University, Cape Town, South Africa

- Guided and supported first-year MSc Biostatistics students in data management and statistical programming using R and STATA.
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EDUCATION

Vrije Universiteit Brussels, Brussels, Belgium

PhD in Medical Sciences (Biostatistics) | *Sep 2021 – Present (Final Year)*

Stellenbosch University, Cape Town, South Africa

MSc in Biostatistics | *Feb 2019 – Mar 2021*

University of Zimbabwe, Harare, Zimbabwe

Bachelor's in Mathematics & Statistics | *Aug 2010 – Jun 2014*

PROFESSIONAL TRAINING & CERTIFICATIONS

Medical Writing (Basic)

Emtex Academy | *Nov 2024*

Advanced Clinical Research Fundamentals

Udemy | *Jun 2024*

Peace and Conflict Transformation

Holy Trinity Brussels, Brussels, Belgium | *Oct 2023 – Apr 2024*

Project Management

True Colours | *Nov 2023 – Jan 2024*

Clinical Pharmacology and Pharmacometrics

Strathmore University, Nairobi, Kenya (Online via Pharmacometrics Africa & CREATES) | *Nov 2020 – Mar 2021*

Foundation in Omics

LabVine Learning, Cape Town, South Africa (Online via Centre for Proteomic and Genomic Research) | *Nov 2019*

Genetic Epidemiology

Stellenbosch University, Cape Town, South Africa | *Sep 2019*

REFERENCES

Prof Kurt Barbé

Biostatistics and Medical Informatics

Faculty of Medicine and Pharmacy, Vrije Universiteit Brussel

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