Alessandra Meddis

Assistant Professor in Biostatistics,
8 years of experience in Academia

Hollaendervej 23A
1855 Frederiksberg, Danmark
☎ *+45 52693528*
✉ *alessandra.meddis@gmail.com*
https://alexmourer.fr/

My research includes applied and theoretical methodology in time-to-event data and causal inference with application in epidemiology studies and clinical trials.
Big part of my job is offering support to non-statisticians on a wide variety of projects.
I can write very highly quality R/Rcpp code.

Current Postition

2023 – 2025 **Assistant Professor in Biostatistics**, Department of Public Health, Section of Biostatistics.
University of Copenhagen, Denmark.

Education

2017 – 2020 **PhD in Biostatistics**, Institut Curie, PSL Research University, INSERM, U900, France.
Inference and validation of prognostic marker for correlated survival data with application to cancer under the supervision of Aurélien Latouche

2015 – 2017 **MSc in Statistics, Data and Network Optimisations**, *Politecnico di Torino University. Turin, Italy.*

2012 – 2015 **Bachelor Degree in Mathematical Engineering**, *Politecnico di Torino University. Turin, Italy.*

Experience

2023 – 2025 **Statistical Advisor**, *Department of Infectious Diseases, Amager and Hvidovre Hospital, Denmark.*
Support medical PhD students with statistical analysis plan and implementation, together with monthly class on statistical methods

2021 – 2023 **Postdoctoral researcher in Biostatistics**, *Department of Public Health, Section of Biostatistics. University of Copenhagen, Denmark.*
Causal inference and targeted learning with longitudinal observational data

2018 – 2020 **Consultant doctoral student**, *Biomarker team, Servier. Paris, France.*
"Doctorat conseil": clustered data and sample size calculation.

Research Experience

Publications List of publications : https://alexmourer.fr/publications/

Projects

2022 – 2024 **SAFE CHOICE**: Detect, investigate and describe side effects of various types of hormonal contraception. Danish registry data and Survey data. Causal inference with longitudinal data. Correct for selection BIAS in Survey data by the use of shadow variables.

2021 – 2024 **VAG-4602**: Vaginal estradiol tablets and endometrial cancer risk in the treatment of postmenopausal vaginal atrophy. Register-based cohort study, in collaboration with Novo Nordisk A/S, Denmark.

2021 – 2025 **Environmental Health**: Prospective studies of birth cohorts exposed to contaminants with a focus on neurotoxicity, immune toxicity and negative effects on growth and development in general. Collaboration with Philippe Grandjean

Skills

Computer Skills: Daily use : **R**, **Rcpp**, others: C, C++, SQL, github: https://github.com/AMeddis

Language: Italian Native - English Advanced - French Fluent

Miscellaneous

PhD coordinator of the Graduate Programme in Biostatistics and Bioinformatics

Partially funded by SMARTbiomed Pioneer center. Statistical methodology with application on women's health.