Maxime Fosset
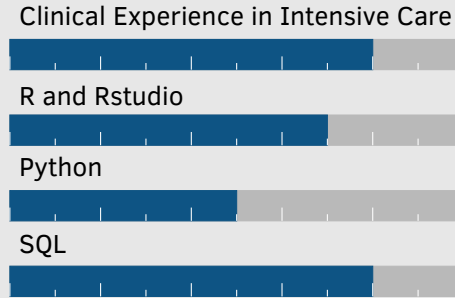
Critical Care Medicine
Resident
PhD Student in
Biostatistics

🛈 30th January 2023

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About me ───────

My goal is to use state of the art causal inference and statistical tools to extract actionable knowledge for clinicians working in intensive care units. I'm actually working as a resident in Medical Intensive Care Unit, Montpellier Teaching Hospital and as a member of PreMedicalTeam, Inria.

Skill ───────

Clinical Experience in Intensive Care

R and Rstudio

Python

SQL

French⋆6 English⋆5

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

interests

Critical Care Medicine, Causal Inference, Missing Values, Target Trial Emulation.

education

since 2022	Ph.D. candidate in Biostatistics	Montpellier University
	Causal Inference methods to estimate optimal treatment regimen for antibiotic therapy duration in intensive care unit patients	
	Under supervision of Julie Josse, PhD, Nicolas Molinari, PhD, Boris Jung, MD, PHD	
Since 2018	Critical Care Medicine Resident	Montpellier Teaching Hospital
	Rotations in Medical Intensive Care Unit, Anaesthesia and Pulmonary Care	
2021	Master of Sciences	Montpellier University
	Majoring in Biostatistics for Clinical Studies	
2011-2018	Medical School	Paris VI University
	Rotations in Surgical Intensive Care Unit	
2011-2018	High school	Paris
	Specializing in mathematics	

publications

2023	Bendiab E, Garnier F, Soler M, Fosset M, Jaber S, Molinari N, Jung B; BICAR-ICU Investigators. Long-Term Outcome of Severe Metabolic Acidemia in ICU Patients, a BICAR-ICU Trial Post Hoc Analysis. Crit Care Med. 2023 Jan 1;51(1):e1-e12. doi: 10.1097/CCM.0000000000005706. Epub 2022 Nov 8. PMID: 36351174.

experience

Jan 2023	Visiting Researcher at BIDMC	Harvard Medical School
	Project on the use of vasopressors with the perioperative outcomes lab	
	3 month	
	Under supervision of Maximilian Schaefer, MD, PHD; Elias N. Baedorf Kassis, MD; Zach Shahn, PHD, Li-Wei Lehman, PHD	
2022	Course Instructor	Montpellier
	Teaching critical care medicine and internal medicine to medical students	
	20 hours	
2021	MSc Thesis	Montpellier University
	Development of a machine learning algorithm to predict extubation failure in intensive care unit	
2020	Ultrasound techniques in intensive care unit	Montpellier University
	University Diploma	