SÉBASTIEN COUBE-SISQUEILLE

Sébastien Coube-Sisqueille, 1 calle San Roke, Bilbao, Spain

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SUMMARY

I am a young doctor in statistics. Really into Bayesian modeling and computational statistics, but also a curious person with a strong interest in health, ecology and social sciences.

EDUCATION

Lycée Lakanal, Sceaux, France   2012 - 2015
Prépa B/L mathematics, humanities and social sciences
ENSAE, Palaiseau, France   2015 - 2018
École d'ingénieur statistics and machine learning
UPPA, Anglet, France   2018 - 2021
PhD contract, Bayesian statistics

PROFESSIONAL EXPERIENCE

Lycée Lakanal, Sceaux, France   2015 - 2017
Teaching (mathematics)
Maïsadour, Haut-Mauco, France   June 2016 - July 2016
Internship, analysis of corn market prices
CEVA, Lenexa, United States of America   June 2017 - September 2017
Internship, statistics for veterinary clinical trials
UPPA, Anglet, France   2018 - 2021
PhD contract, including teaching (mathematics, biostatistics)
BCAM, Bilbao, Spain   2022 - today
Postdoc

SKILLS

Fields of interest	Bayesian statistics, computational statistics, spatial statistics, Gaussian processes, graphical models, hierarchical modeling
Programming & software	R (experienced), C++ (occasional), Python (occasional), LaTeX (experienced), Linux (comfortable), Git (occasional)
Communication	English (highly fluent), Spanish (highly fluent), French (mother tongue)

RESEARCH

My thesis	*MCMC algorithms and hierarchical architectures for spatial modeling using Nearest Neighbor Gaussian Processes*
Articles	Improving performances of MCMC for Nearest Neighbor Gaussian Process models with full data augmentation (in collaboration with Benoît Liquet)
	Nonstationary Nearest Neighbor Gaussian Process: hierarchical model architecture and MCMC sampling
Communication	Contributed sessions at : ISBA 2021, ISI 2021, Rencontres R Paris 2021, JSM 2021, RSS 2021