QING WANG

Ca' Foscari University, Venezia

qing.wang@unive.it ⋄ qingwang13.github.io ⋄ +39 3480565983

SUMMARY

Qing Wang is a PhD student in Economics at Ca' Foscari University under the supervision of Prof. Roberto Casarin and Prof. Radu Craiu from University of Toronto with a research interest in Bayesian Inference for high-dimensional models and latent variable models.

Before starting the PhD, he had six years of working experiences in the oil and gas and maritime industries where he started his career as a global technical trainee in DNV China from 2011, then as an approval engineer and surveyor.

Qing Wang has a mixing background of Engineering, Economics and Statistics, he holds master's degrees in System and Control Engineering and Quantitative Economics.

EDUCATION

Phd in Economics, Ca' Foscari University — Expected 2026
Supervisors: Prof. Roberto Casarin, Prof. Radu Craiu

Visiting PhD Student, University of Toronto — 09.2023 - 06.2024
Department of Statistical Science

Master of Quantitative Economics (QEM), European Joint Master Degree[1] — 2019 - 2021
Graduated with grand distinction

Master of System and Control Engineering, Telemark University College — 2008 - 2010

Bachelor of Chemical Engineering, Hubei University — 2004 - 2008

RESEARCH INTERESTS

Tensor Regression, Bayesian Inference, High-dimensional Data Analysis

PUBLICATIONS

1. Casarin, R., Craiu, R.V. and Wang, Q., 2025. Markov switching multiple-equation tensor regressions. *Journal of Multivariate Analysis*, p.105427.
2. Casarin, R., Craiu, R., Wang, Q. (2025). Markov Switching Tensor Regressions. In: Aneiros, G., Bongiorno, E.G., Goia, A., Hušková, M. (eds) *New Trends in Functional Statistics and Related Fields.* IWFOS 2025. Contributions to Statistics. Springer, Cham.

WORKING PAPERS

1. Compressed Bayesian tensor regression (jointly with Casarin, R. and Craiu, R.V.).
2. Bayesian tensor regression with stochastic volatility.

CONFERENCE

Talks

Internal Seminar of Department of Economics, Ca' Foscari University, Venice	July 2025
International Workshop on Functional and Operatorial Statistics, Novara	June 2025
International conference on statistics and data science, Nice	Dec. 2024
Advances in High/Infinite Dimension Inference, Verona	Nov. 2024
Econometrics and Statistics Conference, Beijing	July 2024

[1] with Mobility track: Ca' Foscari University, Université Paris 1 and Université catholique de Louvain

Annual Meeting Statistical Society of Canada, St. John's — June 2024
16th CMStatistics, Berlin — Dec. 2023
Bayesian Young Statistician Meeting: Online — Nov. 2023

Posters

Bayesian Inference in Stochastic Process, Milan — May 2025
Analysis and Probability in infinite dimensions, Bad Herrenalb — April 2025
ISBA World Meeting, Venice — July 2024
j-ISBA World Meeting, Venice — June 2024

SUMMER SCHOOLS

Network Econometrics, Italian Econometric Association — June 2022
Bayesian Multivariate Models and Forecasting in Economics and Finance, SiDE — Aug. 2022
Bayesian Methods in Economics and Finance, Italian Econometric Association — Aug. 2023

THESIS & PROJECT

PhD Thesis — 2025
Three Essays on Bayesian Tensor Regression Models

Master Thesis (QEM) — 2021
Reallocation of Labor Under Environmental Regulations and Imperfect Labor Market

Master Thesis (SCE) — 2010
Modelling of gas-solid transportation applied to roasting and sulfuric acid

Projects

- The Macroeconomic Effects of Unconventional Monetary Policies in the Euro Area under a SVAR Framework. — 2020

LANGUAGE & SKILLS

Programming Language: Python, Matlab, R.

Language: Chinese (mother tongue), English (fluent), Italian (A1).

TEACHING ACTIVITIES

Teaching Assistance

- Mathematics (Bachelor course) — 2024
- Microeconomics (Bachelor course) — 2022, 2023
- Probability Theory (Master course) — 2022

WORKING EXPERIENCES

DNV China — 2011 - 2017
Approval Engineer / Surveyor

AWARDS

- Erasmus+ Grant (QEM) — Jan 2020
- PhD Scholarship, Italian Ministry of University and Research (MUR) — Sept 2021
- Best poster award ISBA World Meeting 2024 — July 2024

REFEREE

Roberto Casarin
Professor of Econometrics
Ca' Foscari University of Venice, Italy
r.casarin@unive.it

Radu Craiu
Professor of Statistics
University of Toronto, Canada
radu.craiu@utoronto.ca

Pietro Dindo
Professor of Economics
Ca' Foscari University of Venice, Italy
pietro.dindo@unive.it