



Gianluca Rosso

Statistician – Sport Analytics

Goal-directed and results-oriented. Ability to identify problem areas and form innovative solutions. Academic orientation. Ability to build complex statistical models and to communicate complex statistical concepts to non-experts. Ability to anticipate problems and opportunities and to pursue solutions.

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📍 Turin (Italy)



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EXPERIENCE

QUANT4SPORT RESEARCH

QUANT4SPORT – Research and Education, Turin (IT)
Co-founder
Research and Education in sport performance and economics
2016 – present

UNIVERSITA' DEGLI STUDI DI TORINO (IT)
Adjunct Professor
Economics and Statistics «Cognetti de Martiis» Dpt
➤ The Sport Analytics Lab Performance
➤ The Sport Analytics Lab Economics
2018 – present

INVITED LECTURER
Università di Torino, School of Management; Università Cattolica di Milano, Cattolica per lo Sport; Università di Brescia, Statistics Dept; SAA – Scuola di Amministrazione Aziendale di Torino; SIS – Società Italiana di Statistica; RCS Academy, Milano.

SPECIFIC SKILLS

- Skilled in sport performance analytics using advanced statistical and machine learning techniques such as decision trees and probabilistic segmentation, Monte Carlo method, Latin Hypercube Sampling (LHS), Peaks Over Threshold (POT), neural networks, autoregressive models, fuzzy and possibilistic clustering, Extreme Value Theory (EVT).
- Advanced analysis and reporting projects related to motorsports, sailing, tennis, football, basketball.
- Management of tracking databases and wearable sensors using Python, R, Excel, VBA.
- Validation for biomechanical research results; injury risk management.
- Publications on Biomedical Journal of Scientific & Technical Research; Induzioni - SIS Italian Statistical Society; Springer; CNRS Center National de la Recherche Scientifique; The SAO/NASA Astrophysics Data System - Harvard-Smithsonian Center for Astrophysics; arXiv.org - Cornell University Library.

EDUCATION

BSc in STATISTICS
UNIVERSITA' DEGLI STUDI DI TORINO
Economics and Statistics «Cognetti de Martiis» Dpt

AFFILIATIONS

SIS – SOCIETA' ITALIANA DI STATISTICA, Rome (IT)
Full member
2010 – present

The ROYAL STATISTICAL SOCIETY, London (UK)
GradStat - Graduate Statistician
2013 – 2017

CERTIFICATIONS with MOOC

Certificate in Professional Sport Management
International Olympic Committee – IOC

Certificate of Mastery in Evaluation of Social Programs
MIT, Jameel Poverty Action Lab

Certificate of Mastery in Game Theory
The University of Tokyo, Faculty of Economics

Certificate of Mastery in Human Health and Global Environmental Change
Harvard University, School of Public Health

Certificate of Mastery in Statistics
University of California, Berkeley, Dpt of Statistics

Certificate of Mastery in Statistics in Medicine
University of Stanford, School of Medicine, Epidemiology Dpt

SPECIALIZATION COURSES

Data-cross applications and factor analysis models
SDA Bocconi Milano, IT

Research and Organization of Quantitative Data
SDA Bocconi Milano, IT

Constrained Optimization and Lagrange Multiplier Methods
Università di Torino, IT

Microeconomics Applications with STATA
Università di Torino, IT