

OLIVER GEORGE STEVENSON

PERSONAL DETAILS

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EDUCATION

Doctor of Philosophy (PhD) in Statistics *2017–2020*
University of Auckland Doctoral Scholar
University of Auckland
Thesis title: *Form is temporary, class is permanent: Statistical methods for predicting the career trajectories and contributions of players in the sport of cricket*

Master of Science (MSc) in Statistics *2016–2017*
First Class Honours
University of Auckland

Bachelor of Science (Honours) (BSc, Hons.) in Statistics *2015*
First Class Honours
University of Auckland

Bachelor of Science (BSc), major in Statistics, minor in Psychology *2011–2014*
University of Otago

Auckland Grammar School *2006–2010*

RELEVANT WORK EXPERIENCE

Data Scientist *February 2021–Present*
Luma Analytics

Data Consultant (Contractor) *2020–2021*
Peritia

Statistical Consultant *2019–2020*
University of Auckland Statistical Consulting Centre

High Performance Athlete Development Analyst (Contractor) *2018–2019*
High Performance Sport New Zealand

Graduate Teaching Assistant *2017–2020*
University of Auckland

Teaching Assistant *2015–2017*
University of Auckland

Statistics Tutor *2014*
University of Otago

SCHOLARSHIPS, PRIZES, AND AWARDS

- BAYSM 2018 Travel Award** *July 2018*
Awarded funding to attend the 2018 Bayesian Young Statisticians Meeting (BAYSM).
University of Warwick, Coventry, UK.
- ISBA 2018 World Meeting Travel Award** *June 2018*
Awarded funding to attend the 2018 International Society for Bayesian Analysis (ISBA)
World Meeting.
University of Edinburgh, Edinburgh, UK.
- NZSA 2017 Student Prize** *December 2017*
Awarded the prize of highly commended student speaker at the 2017 New Zealand
Statistical Association (NZSA) conference, for a talk titled *Bayesian survival
analysis of batsmen in Test cricket*.
- University of Auckland Doctoral Scholarship** *2017*
Awarded full funding for a PhD position at the University of Auckland.
- Faculty of Science Masters Award** *2016*
Awarded funding towards an MSc degree at the University of Auckland.
- Summer Research Scholarship in Statistics** *2015*
Awarded funding for research at the University of Auckland during summer, 2015/2016.
- First in Course Award** *2015*
Award for first in course for STATS766 – Multivariate Analysis.
- International Biometric Society Australasian Region Honours/4th Year Scholarship** *2015*
Awarded funding towards an Honours degree in statistics.
- Summer Research Scholarship in Statistics** *2014*
Awarded funding for research at the University of Auckland during summer, 2014/2015.
- Gopi Jain Memorial Prize in Statistics - 300 Level** *2014*
Awarded annually to the student with the highest marks in 300 level statistics papers at the
University of Otago.

PUBLICATIONS

- Stevenson, O. G.**, and Brewer B. J. (in press). Finding your feet: A Gaussian process model for
estimating the abilities of batsmen in Test cricket. *Journal of the Royal Statistical Society: Series
C (Applied Statistics)*.
- Stevenson, O. G.**, and Brewer B. J. (2018, July). Modelling career trajectories of cricket players using
Gaussian processes. In *International Conference on Bayesian Statistics in Action* (pp. 165–173).
Springer, Cham.
- Stevenson, O. G.**, and Brewer B. J. (2017). Bayesian survival analysis of batsmen in Test cricket.
Journal of Quantitative Analysis in Sports, 13(1), 25–36.

INVITED TALKS

Form is temporary, class is permanent: Statistical methods for predicting the career trajectories and contributions of Test cricketers *June 2021*
Royal Statistical Society — Sports in Statistics Webinar Series
Online

OTHER SELECTED CONFERENCE TALKS AND PRESENTATIONS

Finding your feet: A Gaussian process model for estimating the abilities of Test cricket players *November 2019*
New Zealand Statistical Association Conference 2019
University of Otago, Dunedin, NZ

Batting and bowling with Bayes: Modelling the career trajectories of professional cricket players *November 2019*
AUT Mathematical Sciences Symposium 2019
Auckland University of Technology, Auckland, NZ

A Gaussian process model for estimating the abilities of professional cricket players *June 2019*
University of Auckland Department of Statistics PhD Talks Day
Auckland, NZ
Awarded best presenter

Finding your feet: Modelling the batting abilities of cricket players using Gaussian processes *December 2018*
Australasian Applied Statistics Conference
Rotorua, NZ

Modelling career trajectories of cricket players using Gaussian processes *June 2018*
2018 International Society for Bayesian Analysis World Meeting
University of Edinburgh, Edinburgh, UK

Bayesian survival analysis of batsmen in Test cricket *December 2017*
International Association for Statistical Computing and New Zealand Statistical Association 2017 Joint Conference
University of Auckland, Auckland, NZ
Awarded highly commended student speaker

The nervous 90s: A Bayesian analysis of batting in Test cricket *December 2017*
University of Auckland Department of Statistics PhD Talks Day
Auckland, NZ
Awarded second-best speaker

Graphical applications for large-scale conservation projects *November 2015*
University of Auckland Postgraduate Statistics Student Presentations
Auckland, NZ
Awarded best speaker of the day