

Ho Ting (Thomas) Fung

Senior Lecturer in Statistics

Curriculum Vitae

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Employment

- 08/2018–present **Senior Lecturer in Statistics**
Department of Mathematics and Statistics, Macquarie University
- 01/2018–08/2018 **Senior Lecturer in Statistics**
Department of Statistics, Macquarie University
- 02/2010–12/2017 **Lecturer in Statistics**
Department of Statistics, Macquarie University
- 01/2010–02/2010 **Research Assistant (Supervisor: Professor Neville Weber)**
School of Mathematics and Statistics, University of Sydney
- 07/2005–02/2010 **Tutor**
School of Mathematics and Statistics, University of Sydney

Education

- 2010 **Ph.D. in Statistics**
School of Mathematics and Statistics, University of Sydney
➤ Supervisor: Emeritus Professor Eugene Seneta
- 2006 **B.Sc.(Advanced Mathematics) Honours Class I**
School of Mathematics and Statistics, University of Sydney
➤ Supervisor: Emeritus Professor Eugene Seneta

Professional Service

- 03/2020–present **President**
Statistical Society of Australia, NSW Branch
- 05/2019–present **Teaching/Discipline Lead in Statistics**
Department of Mathematics and Statistics, Macquarie University
- 03/2019–03/2020 **Vice-President**
Statistical Society of Australia, NSW Branch
- 03/2019–present **Associate Editor**
Australian and New Zealand Journal of Statistics
- 01/2019–10/2019 **Statistics Seminar Organiser**
Department of Mathematics and Statistics, Macquarie University
- 02/2018–06/2018 **Higher Degree Research (HDR) Director**
Department of Statistics, Macquarie University
- 03/2016–03/2018 **Secretary**
Statistical Society of Australia, NSW Branch
- 10/2015–06/2018 **Master of Research (MRes) Advisor**
Department of Statistics, Macquarie University
- 03/2015–03/2016 **Assistant Secretary**
Statistical Society of Australia, NSW Branch
- 02/2014–08/2014 **Statistics Seminar Organiser**
Department of Statistics, Macquarie University
- 07/2013–08/2014 **Undergraduate Studies Coordinator**
Department of Statistics, Macquarie University

08/2010–10/2010 **Postgraduate and Honour Coordinator**
Department of Statistics, Macquarie University

Publications

Selected Journal Publications

I have 17 publications in international journals. Selected journal publications are listed below.

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| 2020 | Statistics: Your Ticket to Anywhere.
A Bilgin, D Bulger, T Fung. Statistics Education Research Journal, 19 (1) |
| 2018 | Quantile function expansion using regularly varying functions
T Fung, E Seneta. Methodology and Computing in Applied Probability, 20 (4), 1091-1103 |
| 2016 | Tail asymptotics for the bivariate skew normal
T Fung, E Seneta. Journal of Multivariate Analysis, 144, 129-138 |
| 2014 | Convergence rate to a lower tail dependence coefficient of a skew-t distribution
T Fung, E Seneta. Journal of Multivariate Analysis, 128, 62-72 |
| 2014 | The deviance information criterion in comparison of normal mixing models
T Fung, JJJ Wang, E Seneta. International Statistical Review, 82 (3), 411-421 |

Software development

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| 2020 | survivalMPLdc: Penalised Likelihood for Survival Analysis with Dependent Censoring
J. Xu, J. Ma, T. Fung |
| 2020 | mpcmp: Mean-parametrized Conway-Maxwell Poisson Regression
T Fung, A. Alwan, J. Wishart, A. Huang |
| 2019 | qicpack: QIC package for GEE
T. Fung |
| 2018 | thesisdownmq: An updated R Markdown thesis template using the bookdown package for Macquarie University HDR Thesis
T. Fung, J. Wishart |

External Consulting

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| 12/2020 | Adams Hospitality
Analysing Alcohol related Crime Statistics at Buronga & Gol Gol, NSW |
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Technical Skills

General skills in statistics, mathematics and computing.

- Languages: Cantonese (native), English (fluent), Mandarin (intermediate)
- Mathematical/statistical software: R, Matlab, Minitab, SPSS, IBM SPSS Modeler and Mathematica,
- Computing: Mac, WINDOWS, Linux, Microsoft Office (Word, Excel, Powerpoint, Access/SQL), \LaTeX .