

My Journey to a Statistics PhD

Ollie Stevenson

November 2017

University of Auckland

About Me

- Born in Hong Kong, moved to Auckland in 1997

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5th Form

6th Form

7th Form



5th Form

- AS Maths
- IGCSE English
- IGCSE Physics
- IGCSE
Spanish
- Level 1 Latin

6th Form

7th Form



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- IGCSE English
- IGCSE Physics
- IGCSE Spanish
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- A2 Maths
- AS English
- AS Physics
- AS P.E.
- AS Latin

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- AS Latin

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- AS Economics
- AS Classics



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UNIVERSITY
of
OTAGO

Te Whare Wānanga o Ōtāgo
NEW ZEALAND

2011 - 2014

BSc

Statistics & Psychology



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LLB

Laws



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What I'd tell my 7th form self

- Don't worry about what you want to do as your career or what you'll do at Uni while still at school

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- Don't worry if people tell you that a subject is 'useless' or ask 'what are you going to do with that?'

What I'd tell my 7th form self

- Don't worry about what you want to do as your career or what you'll do at Uni while still at school
- Take things that interest you
- Don't worry if people tell you that a subject is 'useless' or ask 'what are you going to do with that?'
- If into mathematics/statistics/science, try and take some computer based classes

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**THE UNIVERSITY
OF AUCKLAND**
NEW ZEALAND

Te Whare Wānanga o Tamaki Makaurau

2015 - Present

BSc
Statistics & Psychology
LLB
Laws



BSc
Statistics & Psychology



BSc (Honours)
Statistics

2015

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BSc
Statistics & Psychology



BSc (Honours)
Statistics

2015



MSc
Statistics

2016



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BSc
Statistics & Psychology



BSc (Honours)
Statistics 2015



MSc
Statistics 2016



PhD
Statistics 2017 - 2021(?)



THE UNIVERSITY
OF AUCKLAND
NEW ZEALAND

Te Whare Wānanga o Tamaki Makaurau

2015 - Present

Graphical applications for large-scale conservation projects



Graphical applications for large-scale conservation projects

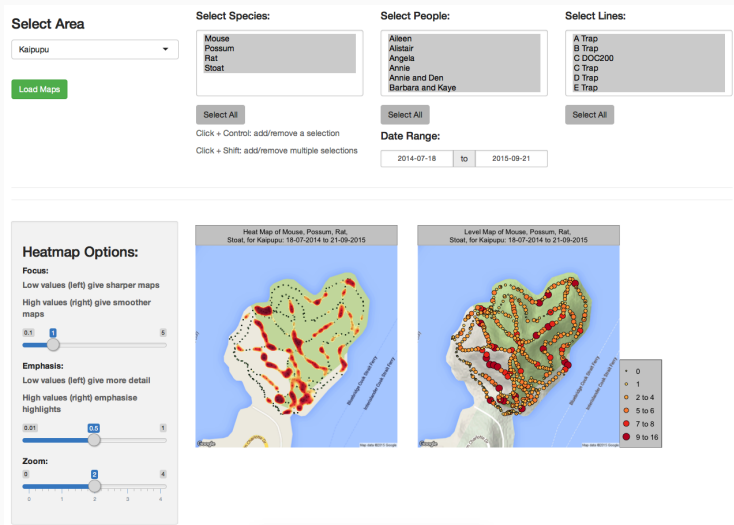


Graphical applications for large-scale conservation projects

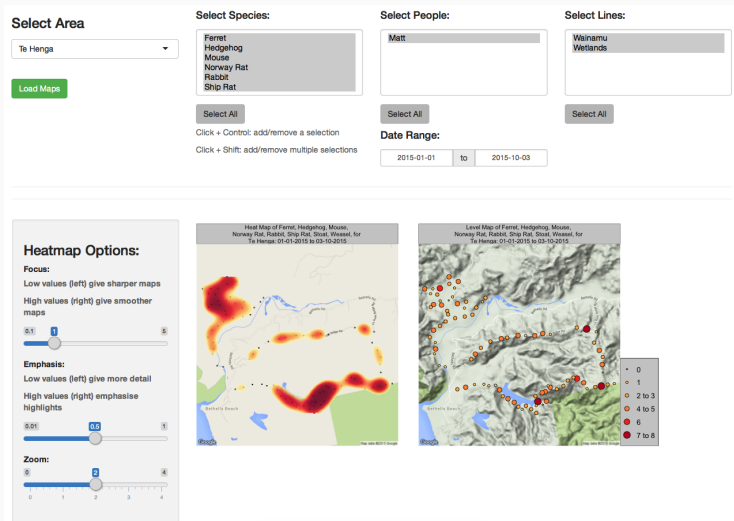


Honours Degree

Graphical applications for large-scale conservation projects

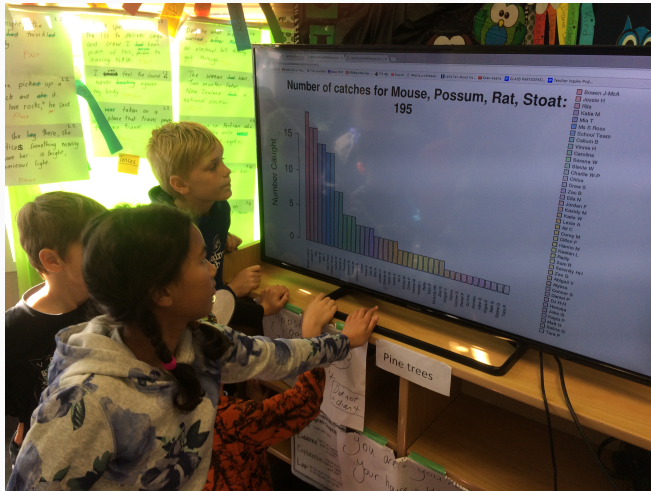


Graphical applications for large-scale conservation projects



Honours Degree

Graphical applications for large-scale conservation projects



Masters Degree

- Fortunate enough to combine statistics with one of my favourite hobbies,

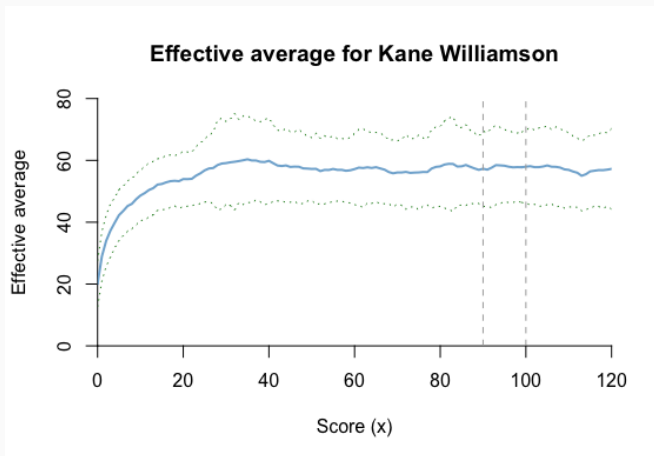
Masters Degree

- Fortunate enough to combine statistics with one of my favourite hobbies, cricket!!

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- The nervous 90s: A Bayesian analysis of batting in Test cricket
- Investigated how well players bat at various stages of their innings

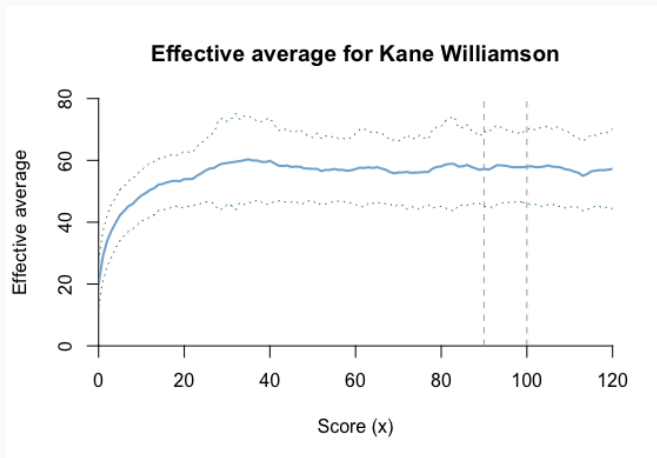
Masters Degree

- Developed the 'Effective average', describing how well a player is batting at any given time of their innings



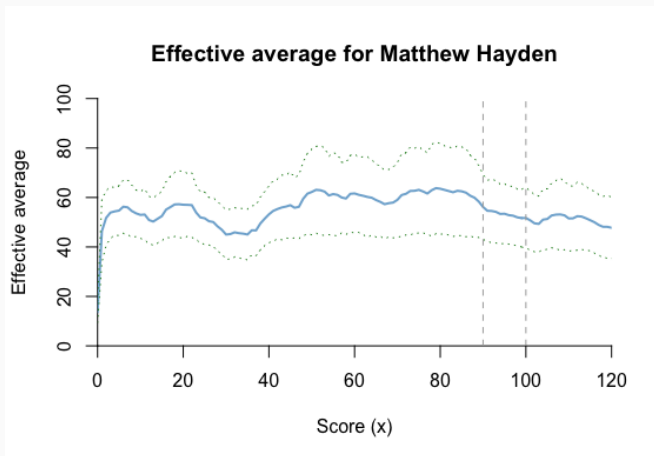
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- However, some evidence to suggest players are more likely to get out immediately passing a significant milestone (e.g. 50, 100)
- 'Fallible 50s' and 'Hazardous 100s'

- Approached New Zealand Cricket (NZC) with findings from my Masters research

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- Now collaborating with NZC to develop various statistical models and tools that could be used in a real-world setting
- Have been provided with access to the NZC statistics database

Where to next?