



“Professional Social Science - Serving Research and Policy”

The Work Programme of COMPASS Research Centre



COMPASS
RESEARCH CENTRE

FACULTY OF ARTS
THE UNIVERSITY OF AUCKLAND

Whare Wānanga o Tāmaki Makaurau

Professor Peter Davis
COMPASS Colloquium
Statistics New Zealand

Operational model for “Professional Social Science”

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Whare Wānanga o Tāmaki Makaurau
Creating Knowledge



NZSSDS
Sharing Data



NZSSN
SOCIAL STATISTICS NETWORK

Building Skills

Advisory Board
Maori; End-users;
International

**Engaging
Communities**

Our Research Focus – Evaluation and Modelling



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Whare Wānanga o Tāmaki Makaurau

▣ Social Policy

▣ Indicators/data analysis (FoRST)

- Early 2000s – Used Census to construct NZ Socio-Economic Index
- 2000s – Used Census to create well-being monitor of families

▣ Simulation modelling (Marsden, MSI/MBIE)

- 2002 – ~~Modelling partnership patterns across Censuses~~
- Current – Using existing studies to model family dynamics as policy tool

▣ Health Policy

▣ Evaluation/data analysis (HRC)

- Early 2000s – National hospital safety and family doctor studies
- Late 2000s – hospital restructuring and hospital outcomes studies



▣ Simulation modelling (HRC)

- 2000s – ~~modelling primary care in an ageing society~~
- Current – modelling health and social care needs among elderly

Combined PoP statistics across four major publication types (COMPASS results)

Journal Articles
Papers: 42
Citations: 942
Years: 11
Cites/year: 85.64
Cites/paper: 22.43
Cites/author: 236.69
Papers/author: 13.62
Authors/paper: 3.83
h-index: 17
g-index: 30
hc-index: 11
hl-index: 4.07
hl-norm: 8
AWCR: 110.50
AW-index: 10.51
AWCRpA: 28.72
e-index: 22.49
hm-index: 7.93

Commissioned and General Reports
Papers: 11
Citations: 52
Years: 11
Cites/year: 4.73
Cites/paper: 4.73
Cites/author: 12.80
Papers/author: 3.27
Authors/paper: 3.82
h-index: 4
g-index: 7
hc-index: 4
hl-index: 1.00
hl-norm: 2
AWCR: 5.50
AW-index: 2.35
AWCRpA: 1.32
e-index: 5.29
hm-index: 1.57

Technical Reports
Papers: 5
Citations: 33
Years: 9
Cites/year: 3.67
Cites/paper: 6.6
Cites/author: 5.184
Papers/author: 3.08
Authors/paper: 2.2
h-index: 3
g-index: 5
hc-index: 2
hl-index: 1.5
hl-norm: 2
AWCR: 5.57
AW-index: 2.36
AWCRpA: 4.42
e-index: 4.36
hm-index: 2.08

Working Papers
Papers: 4
Citations: 4
Years: 6
Cites/year: 0.67
Cites/paper: 1
Cites/author: 2
Papers/author: 2.33
Authors/paper: 2
h-index: 2
g-index: 2
hc-index: 1
hl-index: 1
hl-norm: 1
AWCR: 1
AW-index: 1
AWCRpA: 0.5
e-index: 0
hm-index: 1

Building Infrastructure



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Whare Wānanga o Tāmaki Makaurau

Year	Summer School		Data Service	
	No. of Courses	Enrolments	No. Data Sets (Total – 52)	New Users (Total – 140)
2006	5	35		
2007	3	24	15	2
2008	5	58	10	10
2009	8	71	19	12
2010	11	131	3	6
2011	11	146	5	7
2012	11	130	2	3

Creating Networks



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Year	International Visitors (Under COMPASS auspices)	WLG Colloquium (No. Attending)
2006	Profs Gilbert (UK), Troitzsch (GER), Brown (AUS)	
2007	Dr. Kitts (US)	34
2008	Profs Orme (UK), Western (AUS), Dr. Ballas (UK)	43
2009	Profs. Holman, Western, Semmens (AUS)	33
2010		36
2011	Dr. Corti (UK), Prof. Conley (US)	53
2012	Profs Jagger (UK), Lynch (AUS), Dr. Spielauer (CAN)	54
2013	Prof. Wimmer (GER)	



❑ Student Placements (e.g. graduate internships)

- Over the last year or so we have taken on the following students:
 - 3 from the Arts Faculty (two Political Studies, 1 Maori Studies)
 - 4 from the Department of Statistics
 - 2 from the Department of Computer Science

❑ Research Methods Teaching

- We provide self-teaching modules on the data service
- Teach data analysis courses in graduate programmes

❑ Advisory Structures

- An independently-chaired Advisory Board with members drawn from across three Faculties (Arts, Science, Medicine/Health Science)
- Maori Advisory Group, and consult with colleagues in Pacific Studies
- End-User Advisory Group – Ministries of Health, Education, Justice, MSD
- International Advisory Group on social modelling (AUS, CAN, UK, IT, GER)
- International Advisory Group on health modelling (AUS, CAN, UK, Sweden)

New Zealand Social Statistics Network



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Whare Wānanga o Tāmaki Makaurau

- ❑ Offers short courses in research methods
- ❑ The next courses will be in Wellington - November 18th – 29th Nov.
- ❑ For more information – see www.nzssn.org.nz
- ❑ Contact: courses@nzssn.org.nz

Proposed courses for November 2013



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Whare Wānanga o Tāmaki Makaurau

Introduction to statistics

Qualitative research techniques

Introduction to structural equation modelling using Amos or Mplus

Introduction to social network research and analysis

Data analysis using Stata

Applied multivariate analysis using Stata

Applied structural equation models using Mplus

Basics and beyond of focus group research

Introduction to R

Applied qualitative data analysis using NVIVO

Introduction to survey design

Fundamentals of SPSS

Programme evaluation – supporting evidence-informed practice

Mixed methods in social research

Advanced qualitative data analysis using NVIVO

Q-methodology

New Zealand

The University of Auckland

Consulting – why you should hire us!



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Whare Wānanga o Tāmaki Makaurau

- COMPASS staff can assist in academic, government, private sectors with:
 - Data analysis, interpretation and presentation of results
 - Analysis of complex data sets, including linking across multiple data sets
 - Analysis of longitudinal data
 - Assistance with statistical software and programming
 - Survey design and analysis
 - Data management – including data import and export strategies
 - Choosing and applying statistical methods
 - Design and implementation of Internet-based data collection, access, and analysis systems.

- Projects small or large, with fees arranged by negotiation.

- Please contact Gerard Cotterell – g.cotterell@auckland.ac.nz



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Whare Wānanga o Tāmaki Makaurau

Session before lunch – A Policy Focus

Causal inference – Peter Davis

Ambulatory-sensitive hospitalisations – Barry Milne

Rebalancing health and social care – Roy Lay-Yee