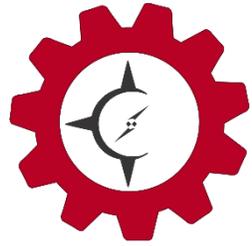


COMPASS Research Colloquium 2022

16th Research Colloquium

Statistics NZ

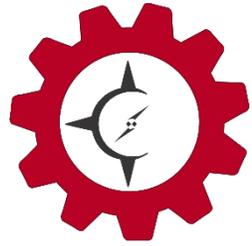
25 October 2022



Malo ni!



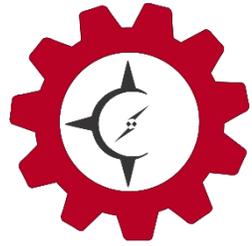
- ⚙️ Welcome to Tokelauan Language Week!
“Halahala ki vavau, kae ke mau ki pale o Tokelau”
“To plan for the future is to understand the past.”
- ⚙️ Tokelauan community engagement in Porirua
 - ⚙️ Rev Tui Sopoaga, Mrs Ane Sopoaga, Dr Iuta Tinielu



Malo Ni!

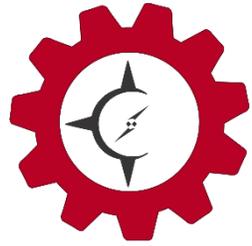


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- ⚙️ Tokelauan Community Workshop, Wellington



Programme

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- 2.15 Use of Population-Level Administrative Data in Developmental Science – Barry Milne**
- 2.45 FINISH**



COMPASS Team

- ⚙️ Director: Barry Milne
- ⚙️ Senior Research Fellows: Lisa Underwood, Roy Lay-Yee
- ⚙️ Senior Lecturer: Stephanie D'Souza
- ⚙️ Research Fellows: Komathi Kolandai, Ofa Dewes, Chao Li
- ⚙️ Data Analysts: Martin von Randow, Lois Xu, Eileen Li
- ⚙️ Students: Natalia Boven, Liza Bolton, Eileen Li, Francesca Anns

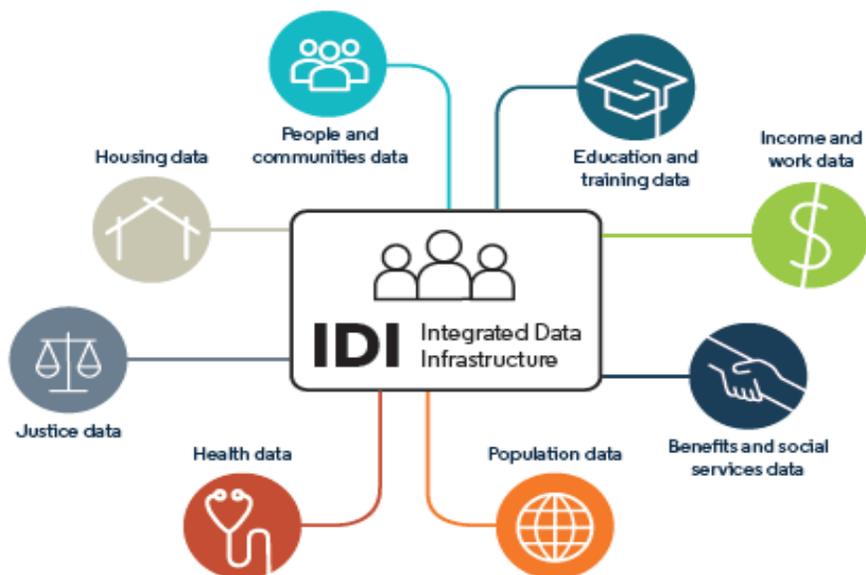
Research projects

-  Assessing the long-term health impact of perinatal interventions (2019–24; HRC)
 -  Data Linkage (PI: Harding)
-  Inequality in service uptake: a comparative study (2020–23; Rockwool)
 -  IDI (PI: Hald-Andersen)
-  Health impacts of playing rugby (2021–23; World Rugby)
 -  IDI (PI: D’Souza)
-  Te Hao Nui – creating a Māori longitudinal study (2021–22; HRC)
 -  IDI, NZ Longitudinal Census (PI: Sporle)
-  Supporting policy research in the Social Sciences (2021–22; FRDF)
 -  Survey (PI: Kolandai)

Research projects

-  Life-course impact of chronic health conditions (2020–22; MBIE)
 -  IDI; Qualitative Research (PI: Milne)
-  The Māori in-between (2020–22; HRC)
 -  IDI (PI: Greaves)
-  Informatics for Social Services and Wellbeing Data NZ (2019–22; MBIE)
 -  IDI (PI: Simpson)
-  Te Ao Mārama: Disability perspectives. (2019–22; HRC)
 -  Survey (PI: Jones)
-  Loneliness across the life-course (2017–22; Jeanette Crossley Foundation)
 -  Survey; Longitudinal Study (PI: Milne)
-  Better Start National Science Challenge (2016–22; MBIE)
 -  IDI; Microsimulation (PI: Milne)

Stats NZ's Integrated Data Infrastructure (IDI) is a large research database containing de-identified microdata about people and households.



The IDI contains person-centred microdata from a range of government agencies, Stats NZ surveys including the 2013 Census, and non-government organisations. For more information about data in the IDI, see www.stats.govt.nz/integrated-data/integrated-data-infrastructure

The Longitudinal Business Database (LBD) complements the IDI with microdata about businesses. For more information about data in the LBD, see www.stats.govt.nz/integrated-data/longitudinal-business-database

Benefits and social services data

- ACC injury claims – from 1994
- Benefits – from 1990
- Children's Action Plan – from 1996
- Child, Youth, and Family – from 1991
- Early Start Project – from 2016
- Family Start – from 2008
- Student loans and allowances – from 1992
- Working for Families – from 2003
- Youth services – from 2004

Education and training data

- Early childhood education participation – from 2008
- Industry training – from 2001
- Primary education – from 2007
- Programme for the International Assessment of Adult Competencies – from 2014
- Secondary education – from 2004
- Targeted training – from 2001
- Tertiary education – from 1994

Health data

- B4 School Checks – from 2011
- Cancer registrations – from 1995
- Chronic conditions – from 2007
- General medical services claims – from 2002
- Health tracker – 2006–14
- Immunisation – from 2006
- interRAI – from 2014
- Laboratory claims – from 2003
- Maternity – from 2003
- Mortality – from 1988
- National Booking Reporting System – from 2003
- National Needs Assessment and Service Coordination Information System (SOCRATES)
- National non-admitted patient collection – from 2007
- NES enrolments – from 2019
- Pharmaceuticals – from 2005
- PHO enrolments – 2003–2019
- Population cohort demographics and addresses – from 2004
- PRIMHD – from 2008
- Privately funded hospital discharges – from 2001
- Publicly funded hospital discharges – from 1988

Housing data

- Social housing – from 2000
- Tenancy – from 2000

Income and work data

- Household economic survey – from 2006
- Household labour force survey – from 2006
- NZ income survey – from 2006
- Survey of family, income, and employment – 2002–10
- Tax and income – from 1999

Justice data

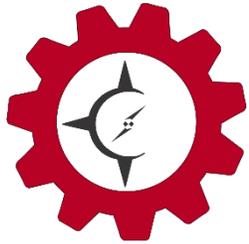
- Court charges – from 1992
- New Zealand crime and victims survey – from 2018
- NIA links – from 2009
- Recorded crime: offenders – from 2009
- Recorded crime: victims – from 2014
- Sentencing and remand – from 1998

People and communities data

- Auckland City Mission – from 1996
- Disability survey – 2013
- Driver licence and motor vehicle registers
- General social survey – 2008–2018
- Longitudinal immigration survey of NZ – 2005–09
- Migrant survey – from 2012
- Te Kupenga – 2013

Population data

- Census – 2013, 2018
- Births, deaths, and marriages – from 1840
- Border movements – from 1997
- Civil unions – from 2005
- Departure and arrival cards – from 1997
- Visa applications – from 1997



IDI Publication Database

(https://www.zotero.org/groups/4681141/idi_publications/library)

Group Libraries

- IDI Publications
 - Government Reports
 - Journal Articles
 - Non Empirical
 - Non-government Reports
 - Theses

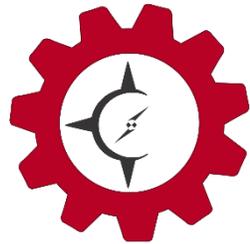
Title	Creator	Date	Date...	
What happened to people ...	Dayal et al.	2022	9/27/...	
Linkage Review and Evaluat...	D'Souza et al.	2022	9/22/...	
Parents' education and Pasi...	Ruhe et al.	2022-09-19	9/22/...	
Microdata output guide (fif...	Stats NZ	2020	9/19/...	
Dementia prevalence estim...	Cheung et al.	2022	9/13/...	
Carbon Policy Design and ...	Riggs	2022	9/8/2...	
Anti-dementia medication ...	Chan et al.	2022-09-02	9/3/2...	
Prevalence of young-onset ...	Ryan et al.	2022-08-22	8/27/...	
Immigration and 'Brain Was...	Apatov and Sundaram	2020	8/26/...	
The Art of the Possible. Dat...	Stephens	2022-08-15	8/26/...	
House Prices and Wealth In...	Syme	2022-08-15	8/26/...	
Intergenerational Income ...	Brown	2022-08-15	8/26/...	
Changing Family Incomes i...	Creedy and Ta	2022-08-15	8/26/...	
International degree gradu...	Universities New Zealand	2021	8/26/...	
International students and ...	Universities New Zealand	2021	8/25/...	
Assessing benefit adequacy...	Waite	2021	8/25/...	
Student mobility and credit...	Universities New Zealand	2021	8/25/...	
Rates of driver licence holdi...	Sin	2021	8/25/...	
Housing demand, affordabi	Mitchell	2021	8/25/...	

Abridged Index Medicus Adolescents
Analysis Antidepressants Anxieties
area deprivation Attitudes autism
Autism spectrum disorder big data
Big Data Business & Economics

Filter Tags

612 items in this view

Government reports, n=230
Non-government reports, n=147
Journal articles, n=147
Thesis, n=35
Non-empirical reports, n=49
TOTAL, n=612



Surveys



International Social Survey Programme (ISSP)

2013 – National Identity

2014 – Citizenship

2015 – Work

2016 – Role of Government

2017 – Social Networks

2018 – Religion

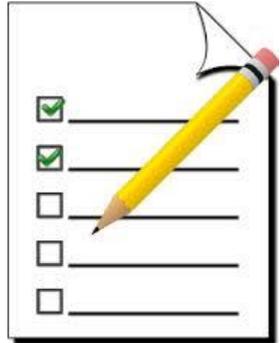
2019 – Social Inequalities

2020 – Environment

2021 – Health and Health care

2022 – Family and gender roles

2023 – National Identity & Citizenship



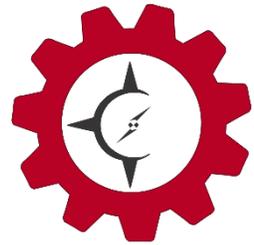
New Zealand Election Survey

- 2011, 2014, 2017, 2020



Others

-  2020–22 Te Ao Mārama: Disability perspectives of tāngata whaikaha Māori
-  2021 Papakāinga Survey (Ngāti Hauā)



Short Courses (NZSSN)

 February
(Auckland)

 November
(Wellington)

[Applied Statistical Procedures](#)

A course giving a good overview of a number of statistical procedures all in one place, from Chi-Square to Multivariate Analysis of Variance to Factor Analysis. >

[Qualitative Research: Designing, doing, and getting it done](#)

An introductory course designed for those with no background in research or previous experience with qualitative techniques of data collection and analysis. >

[Mixed Methods in Social Research](#)

A course for researchers who want to know more about using both qualitative and quantitative methods, delving deeply into the theory and practice on both sides. >

[Programme Evaluation: Supporting Evidence-Informed Practice](#)

A course for public sector workers and academics commissioning, managing, or conducting evaluations of public policy or programmes. >

[VHIN Introduction to Research in the IDI](#)

A course on Statistics New Zealand's Integrated Data Infrastructure (IDI) and the requirements and processes for getting started with analysing its data. >

[Introduction to SQL](#)

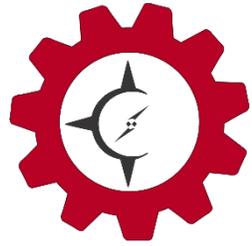
A course covering SQL coding queries using Microsoft SQL Management Studio. A good follow-on from our IDI intro course, and applicable in many other areas. >

[Mediation and Moderation in SEM](#)

This course by Professor Gordon Cheung covers concepts behind mediation, moderation, and moderated-mediation with hands-on analysis and examples. >

[Structural Equation Modelling with R-based Lavaan](#)

This course covers structural equation modelling concepts and hands-on data analysis. It includes all of the material that we have previously offered, but now is taught using R instead of Mplus. >



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