

Evaluating policy-relevant questions using existing data

COMPASS Research Centre



**COMPASS
RESEARCH CENTRE**

FACULTY OF ARTS
THE UNIVERSITY OF AUCKLAND

Whare Wānanga o Tāmaki Makaurau

1/16

10th Research Colloquium
Statistics NZ, Conference Room
1 August 2016



Colloquium Outline



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Whare Wānanga o Tāmaki Makaurau

10.15 Introduction to COMPASS
– Barry Milne

10.30 A knowledge laboratory of the early life course
– Barry Milne

11.15 Suicide Postvention: Support for Pacific Communities
– Jemaima Tiatia-Seath & Roy Lay-Yee

12.00 The role of measurement invariance in measures of mental health
– Nichola Shackleton

12.30 LUNCH BREAK

13.15 Life-course predictors of mortality inequalities
– Liza Bolton

14.00 COMPASS projects using IDI data
– Barry Milne

14.45 CONCLUSION

What is COMPASS?

- ❑ 2000 – Social Science Research Group
- ❑ 2008 – COMPASS formed
 - ❑ Centre of **M**ethods and **P**olicy **A**pplication in the **S**ocial **S**ciences

❑ The team

- ❑ Director: Peter Davis
- ❑ Associate Director: Barry Milne
- ❑ Senior Research Fellow: Roy Lay-Yee
- ❑ Research Fellow: Nichola Shackleton
- ❑ Data Analysts: Jessica McLay, Martin von Randow, Kevin Chang
- ❑ Students: Liza Bolton, Justin Gunter, Vannah Cruz
- ❑ Research management: Gerry Cotterell
- ❑ Admin/other: Lara Greaves



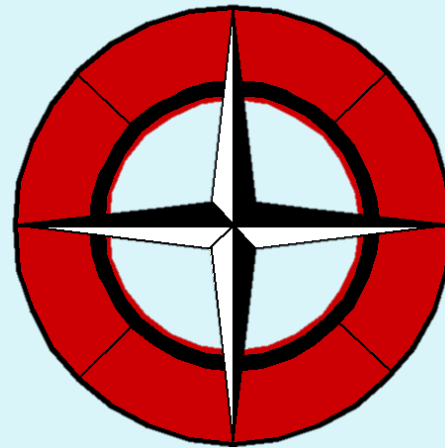
What does Compass do? The point(s) of COMPASS



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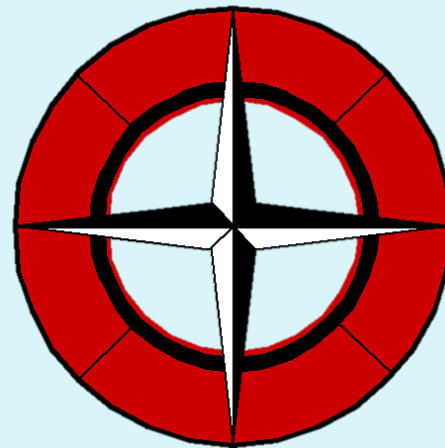


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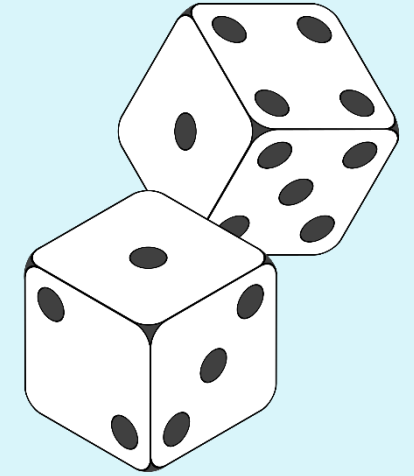
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**Micro-
simulation**



Microsimulation

- ▣ **2005-2008 PCASO (HRC)**
- ▣ **2009-2012 BCASO (HRC)**
- ▣ **2009-2013 MELC (FRST)**
- ▣ **2013-2016 Knowledge Lab (MBIE)**
- ▣ **2015-2017 Social Laboratory (RSNZ)**



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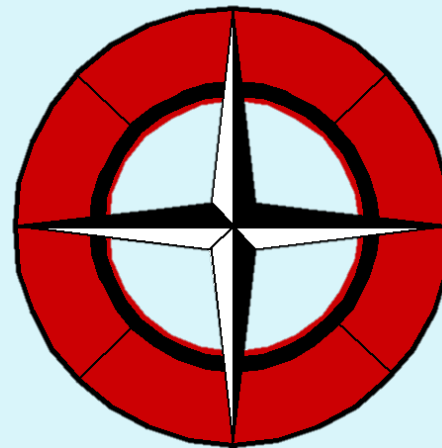


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**Micro-
simulation**



**Whole
population
data analysis**

Data Analysis

- ▣ **2002-2007** Family-Whanau Wellbeing (MBIE)
- ▣ **2008-2011** Enhancing Hospital Outcomes (HRC)
- ▣ **2014-2017** Life-course mortality (HRC)
- ▣ **2016-2024** Better Start NSC (MBIE)



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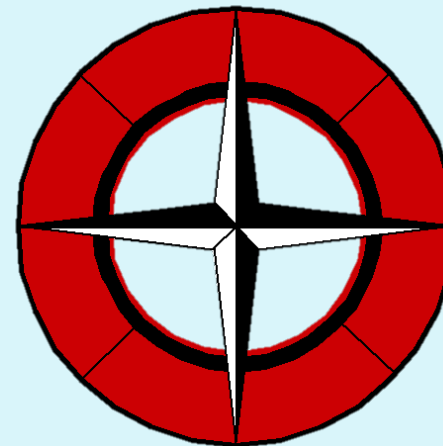


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Whare Wānanga o Tāmaki Makaurau

Micro-
simulation



Quantitative
training

Whole
population
data analysis

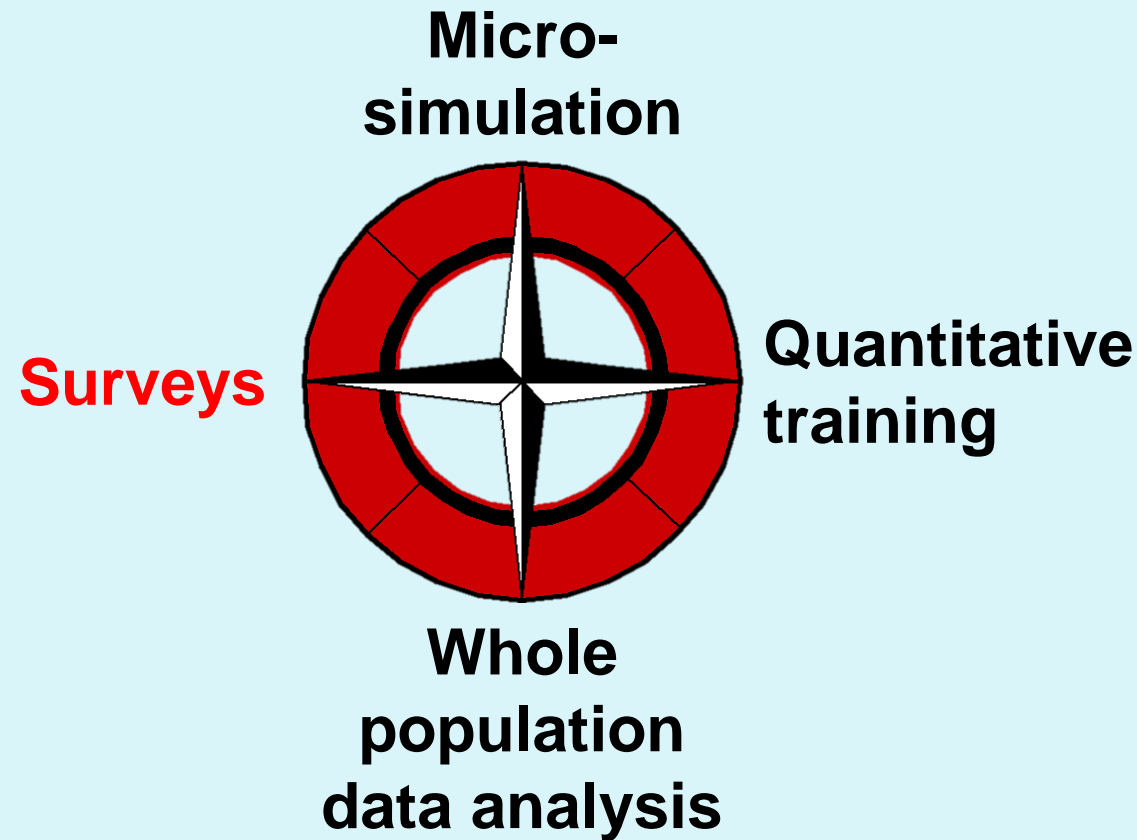
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❑ International Social Survey Programme (ISSP)

2013 – National Identity

2016 – Role of Government

2014 – Citizenship

2017 – Social Networks

2015 – Work

2018 – Religion



❑ New Zealand Election Survey

- 2011, 2014, 2017

❑ Others

- ❑ Ngāti Whātua Ōrākei Survey 2013
- ❑ Pacific Suicide Postvention Survey 2015

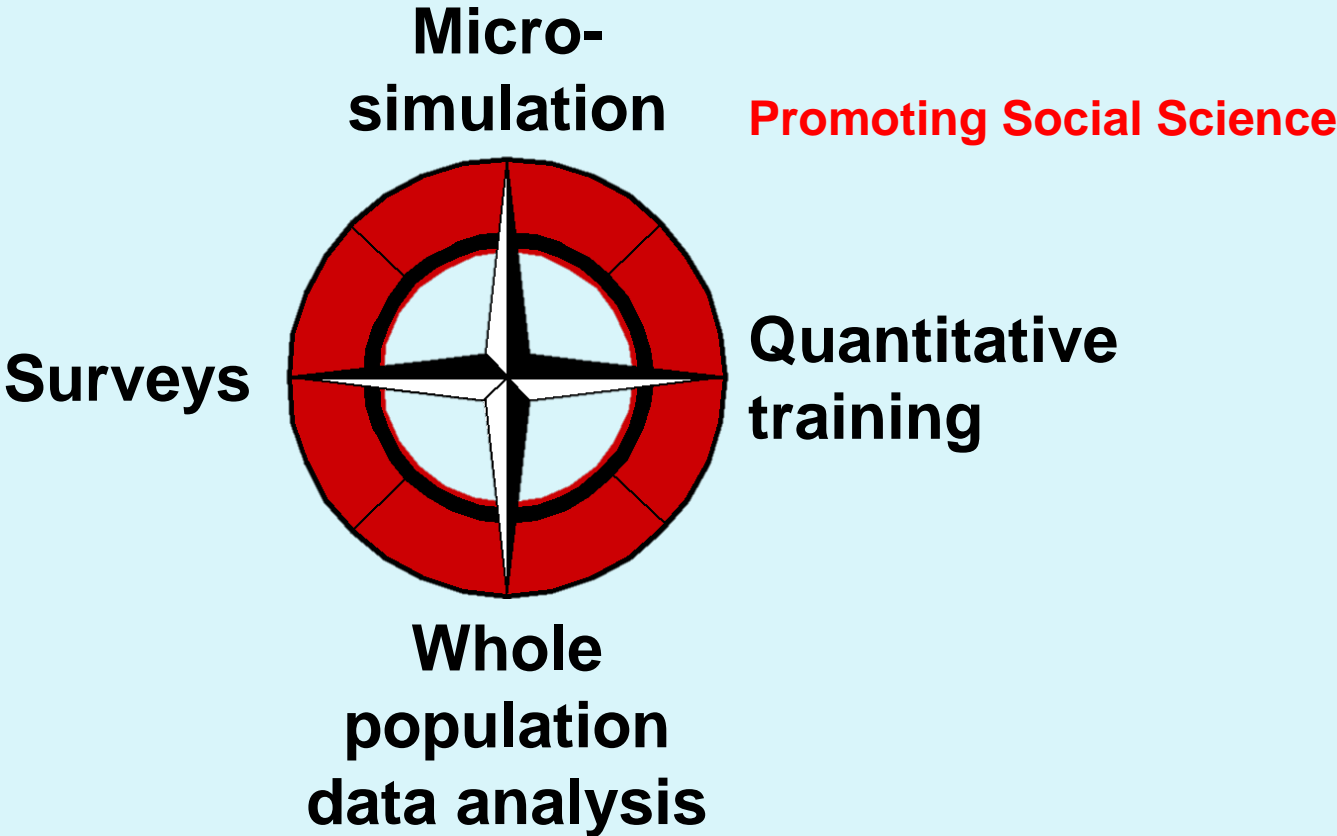
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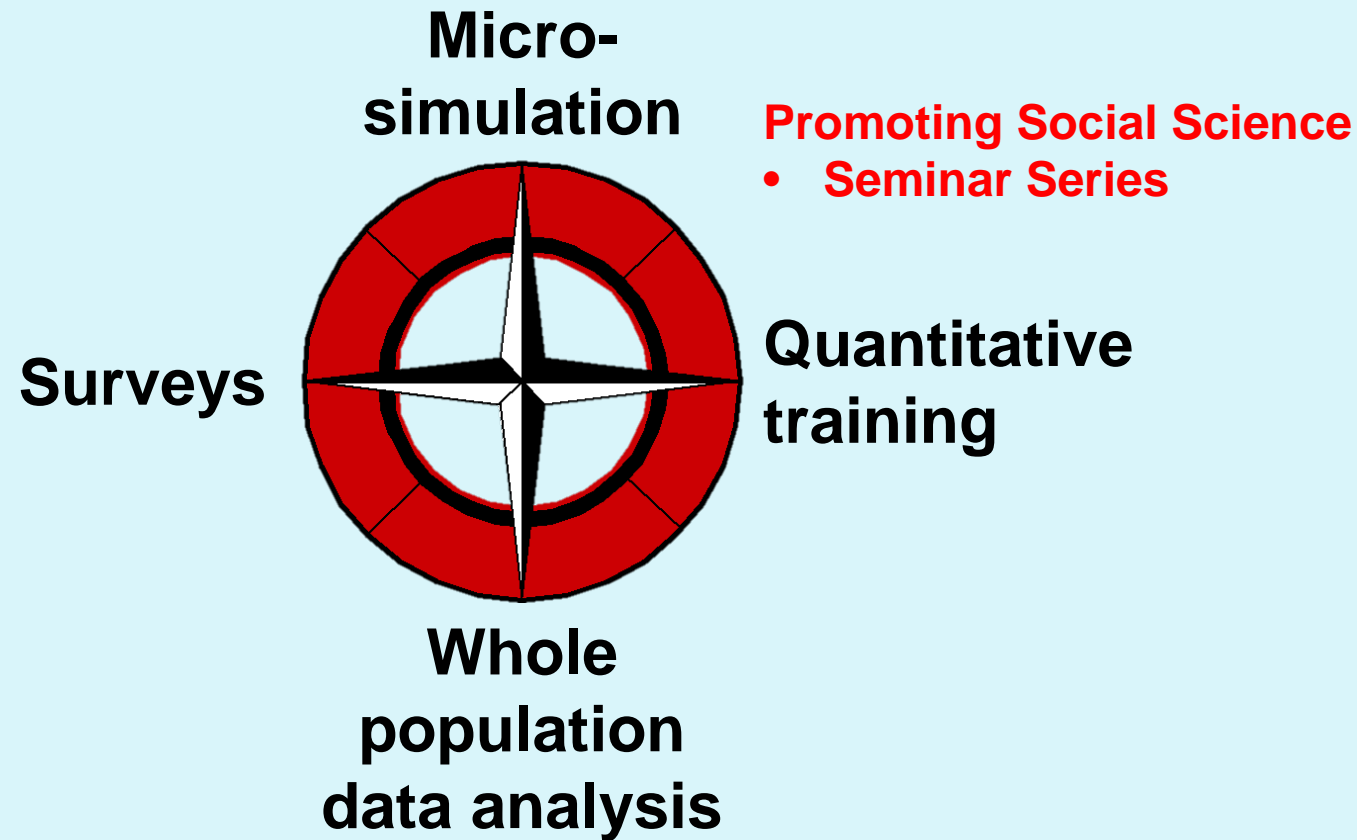
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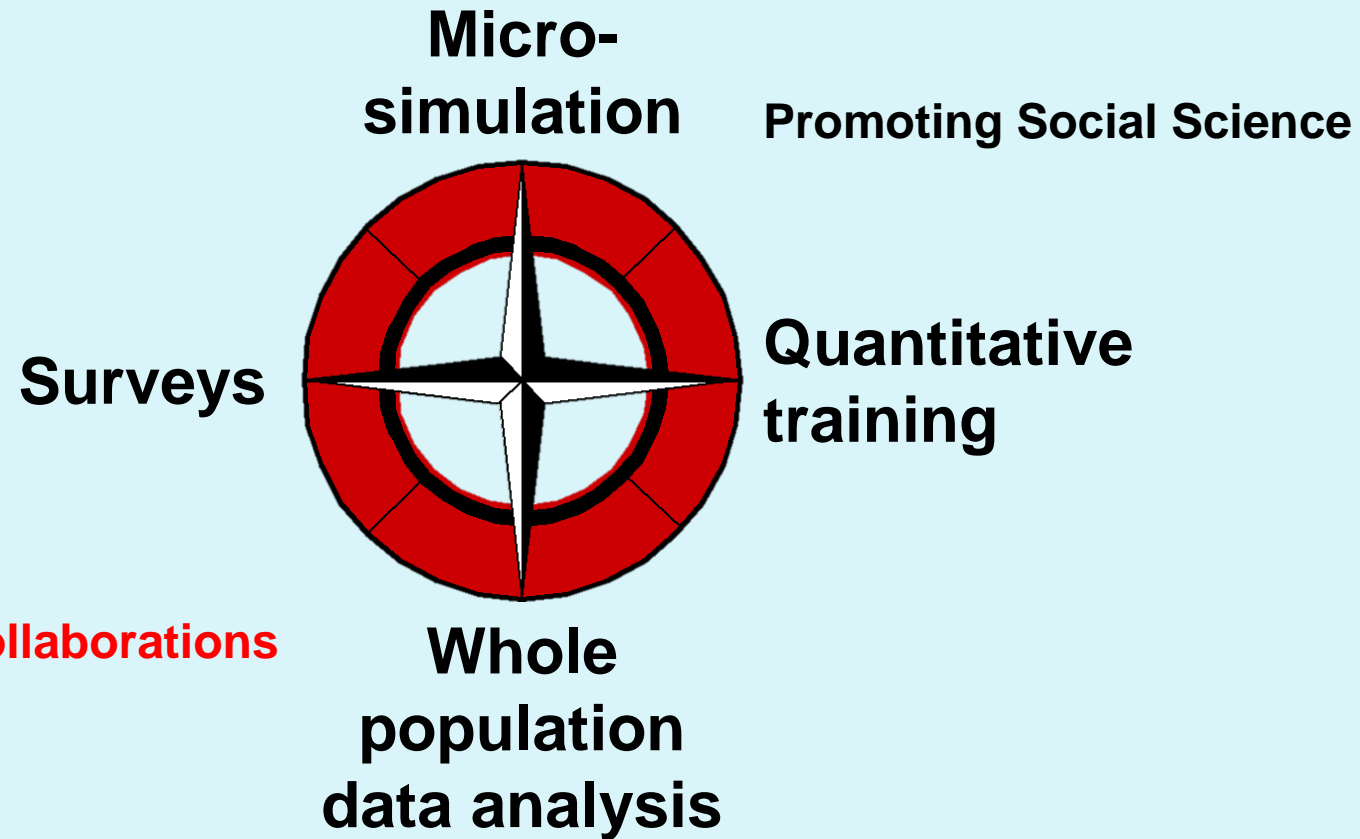
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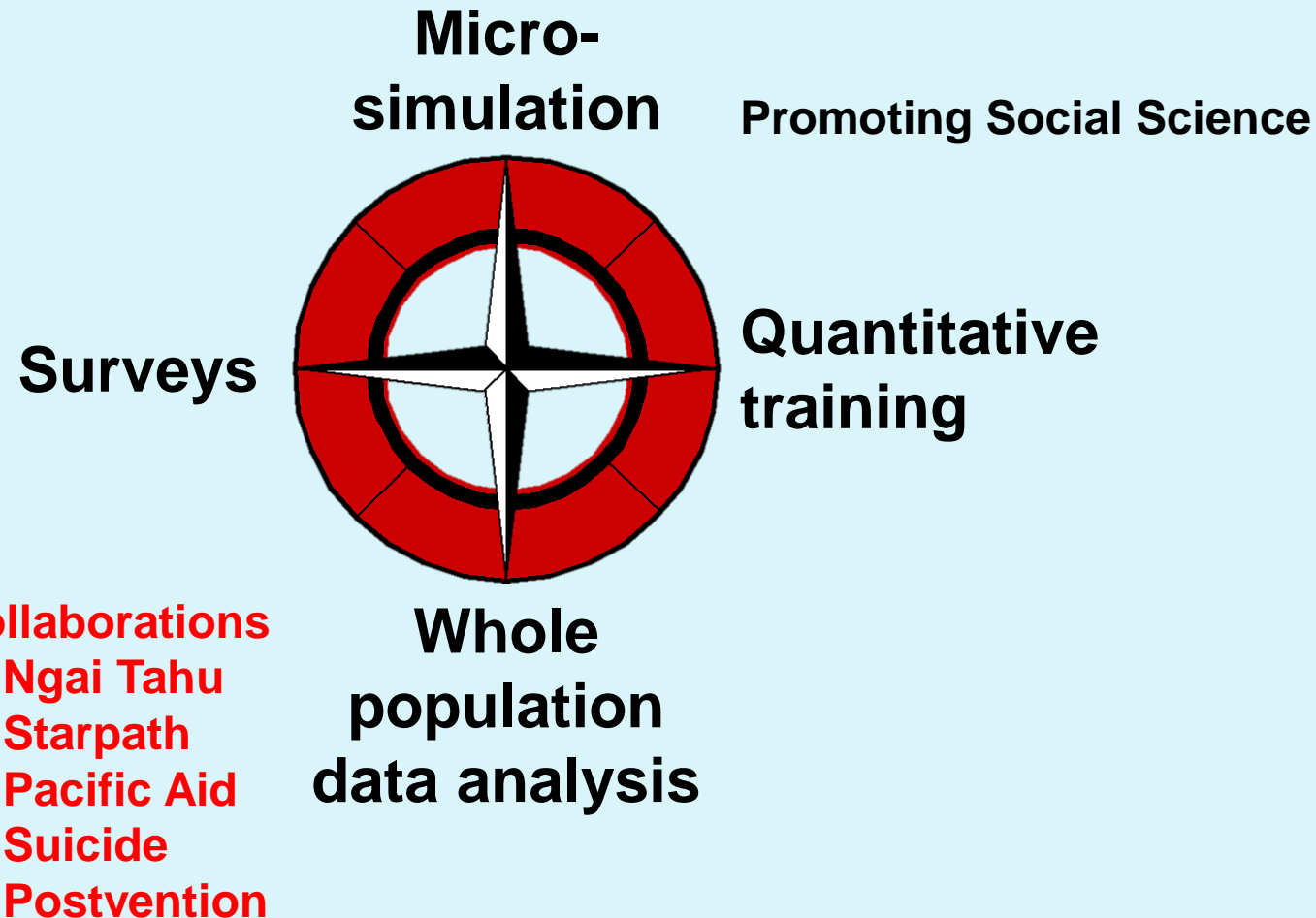
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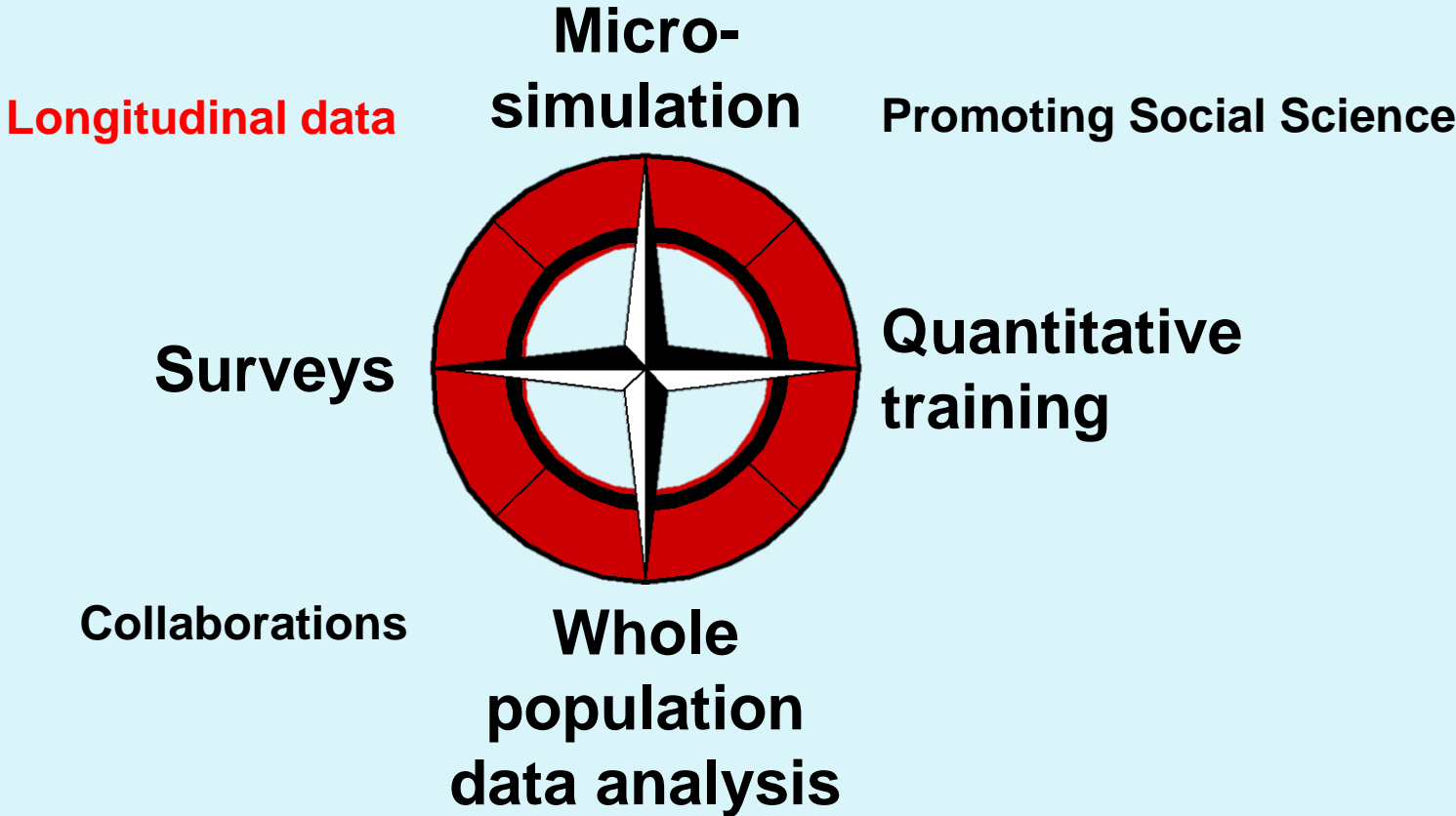
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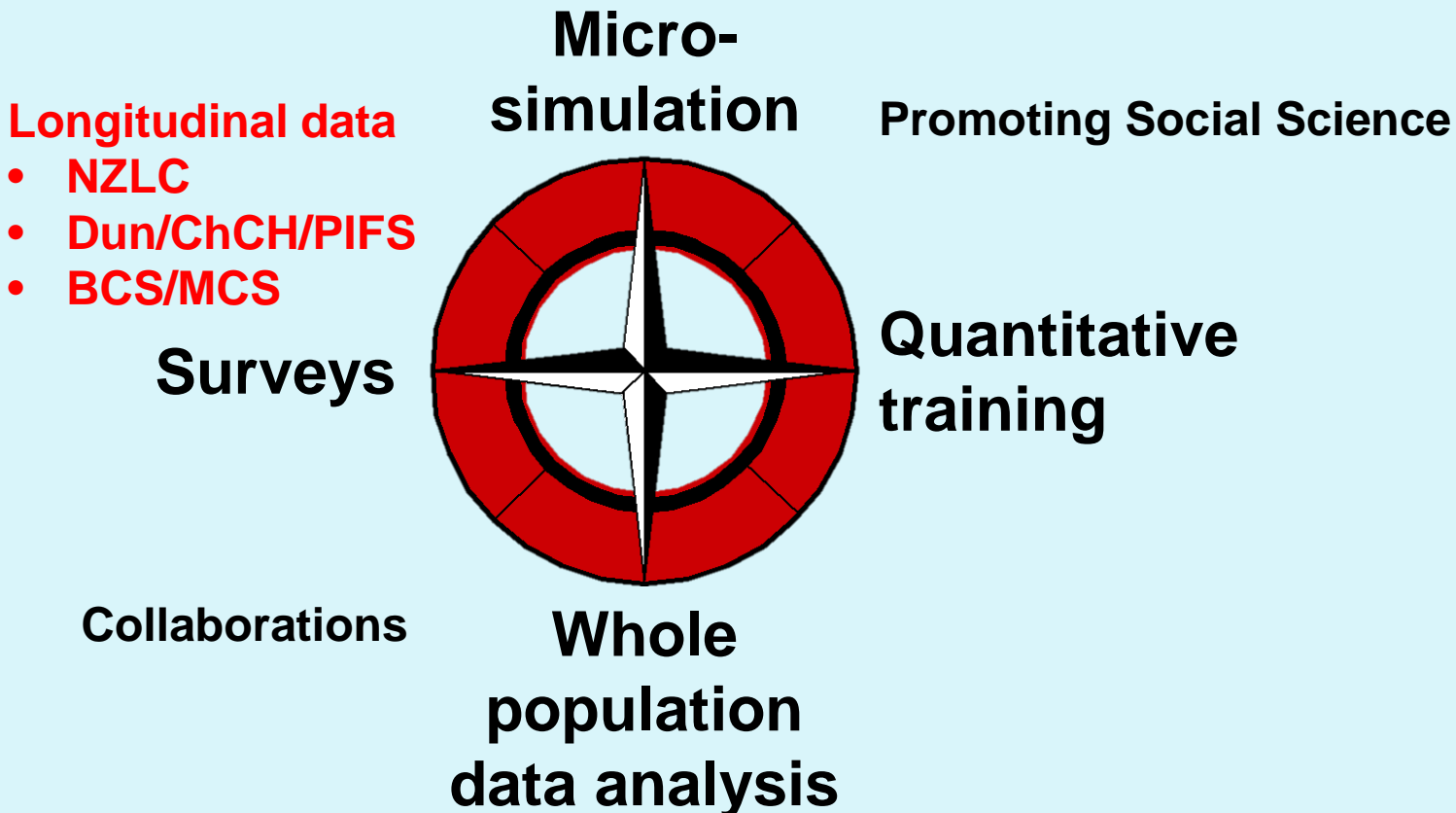
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New Zealand

The University of Auckland

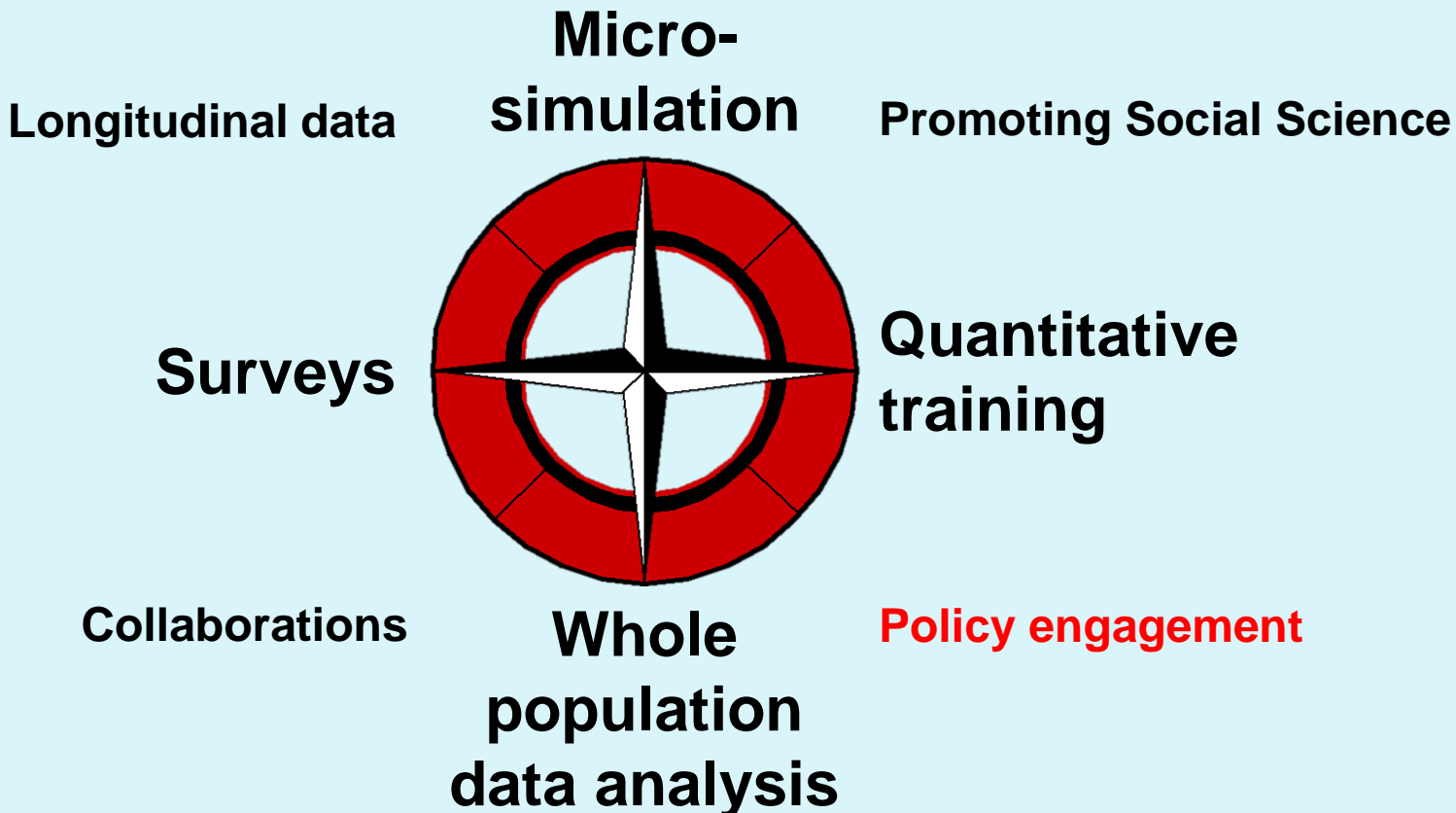
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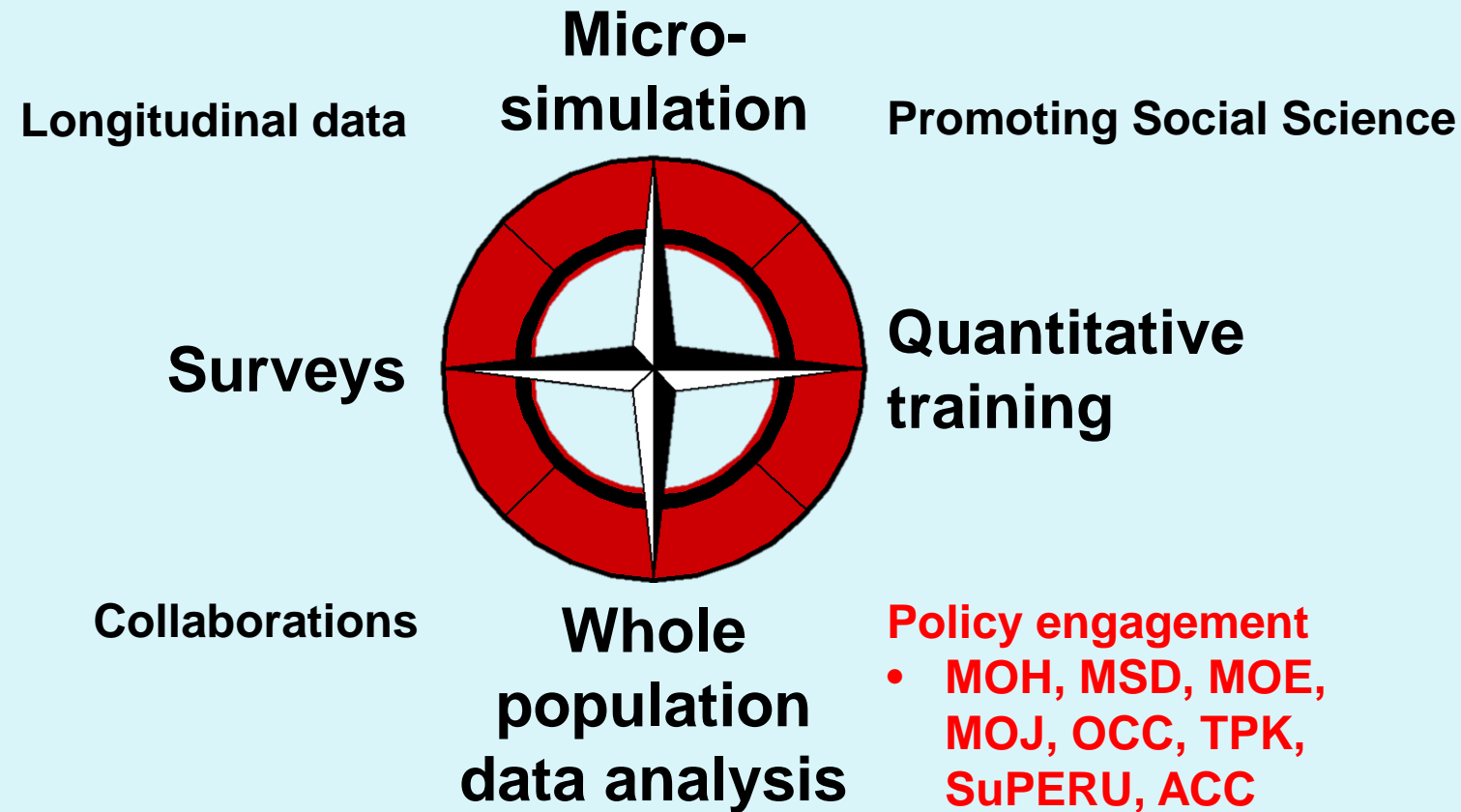
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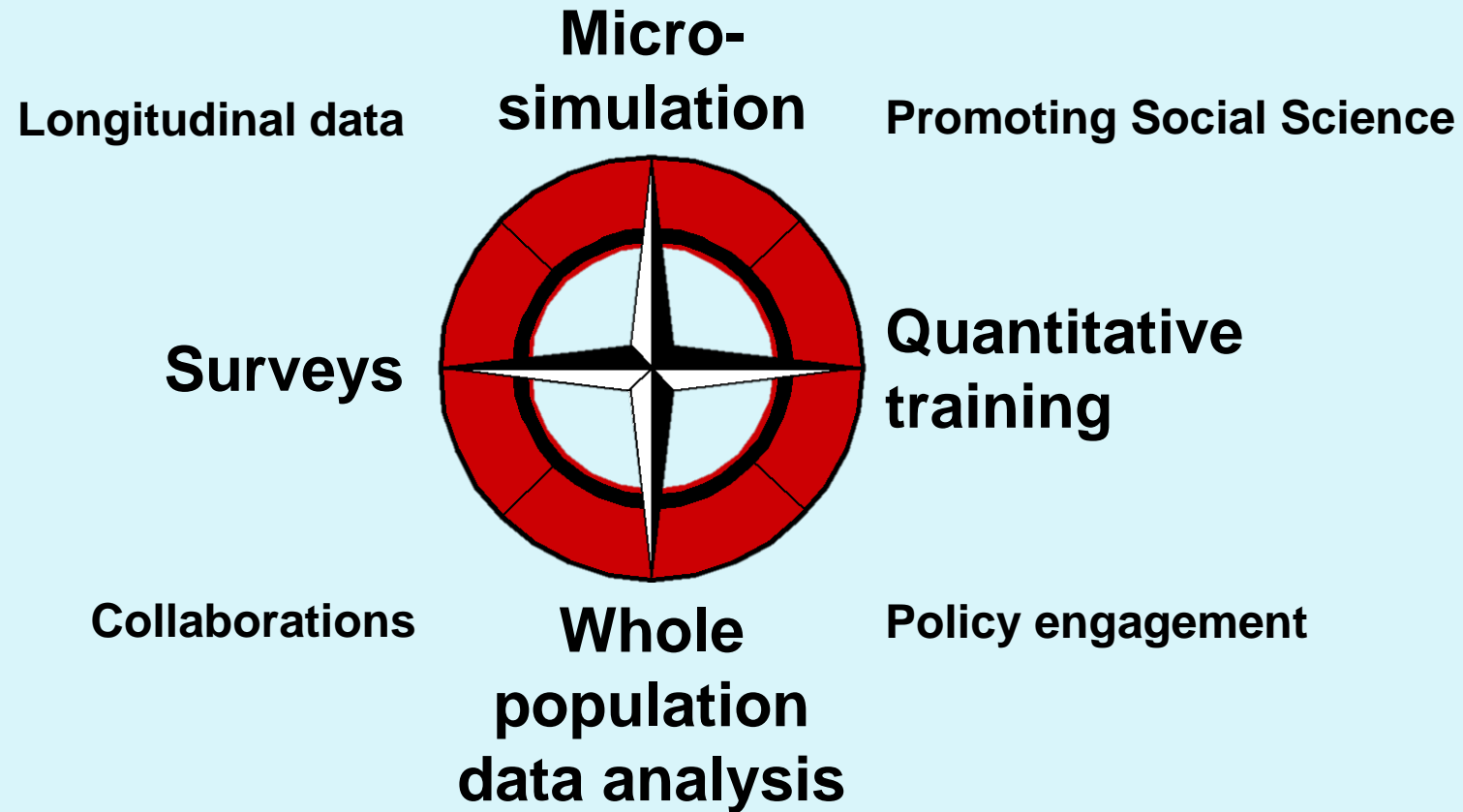
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