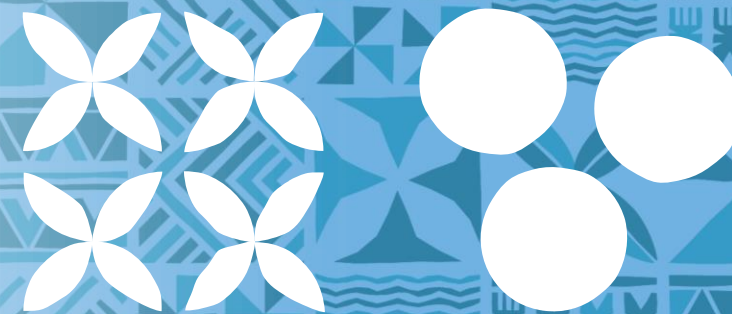




‘Lighted and Connected Pathways: An approach to data sensemaking in Pasifika Health Research’

Pacific Data Sovereignty Conference – Auckland 2022

Troy Ruhe, Jesse Kokaua, Rosalina Richards



VA’A O TAUTAI
CENTRE FOR PACIFIC HEALTH



Introductions





“Nothing About Us Without Us”

Examining parental education and health outcomes in Pasifika children

Original Research

OPEN ACCESS

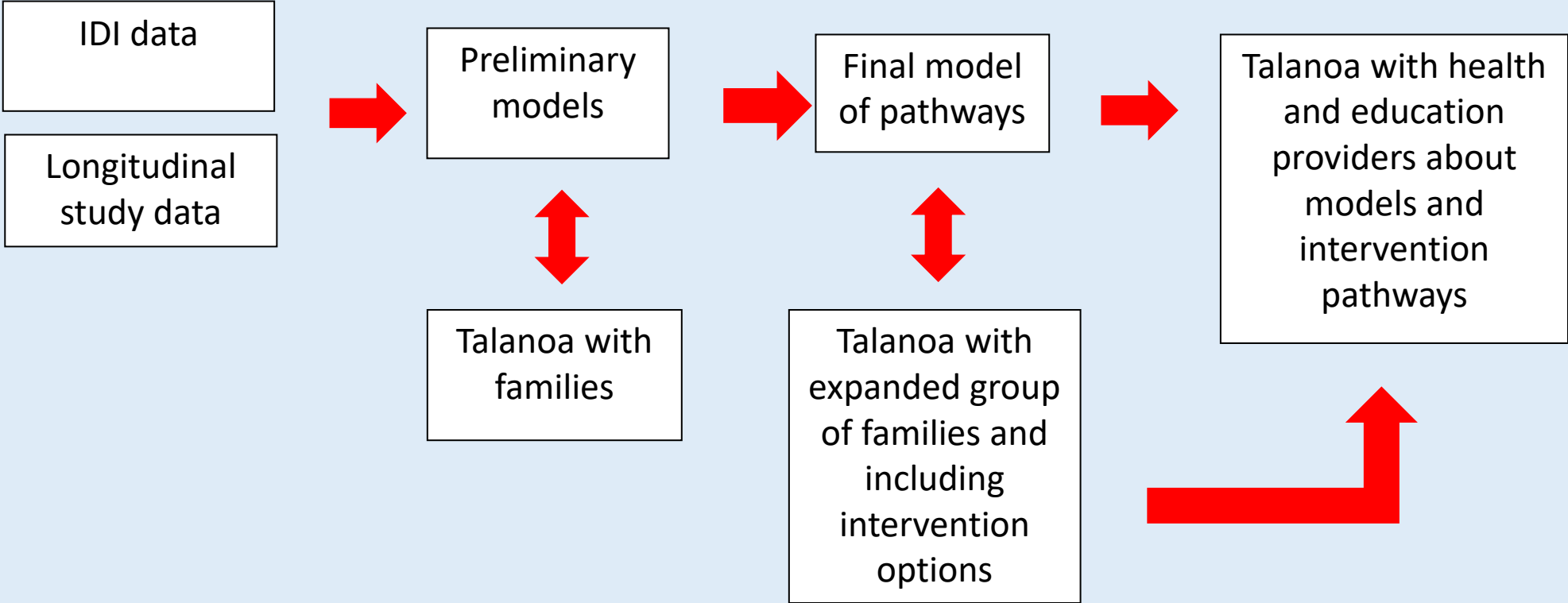
An application of a Tivaivai Research framework to a quantitative Pacific health research project using New Zealand's Integrated Data Infrastructure

Jesse KOKAUA,¹ Seini JENSEN,² Troy RUHE,³ Justine CAMP,⁴ Wilmason JENSEN,⁵ Debbie SORENSEN,⁶ Albany LUCAS,⁷ Rosalina RICHARDS,⁸

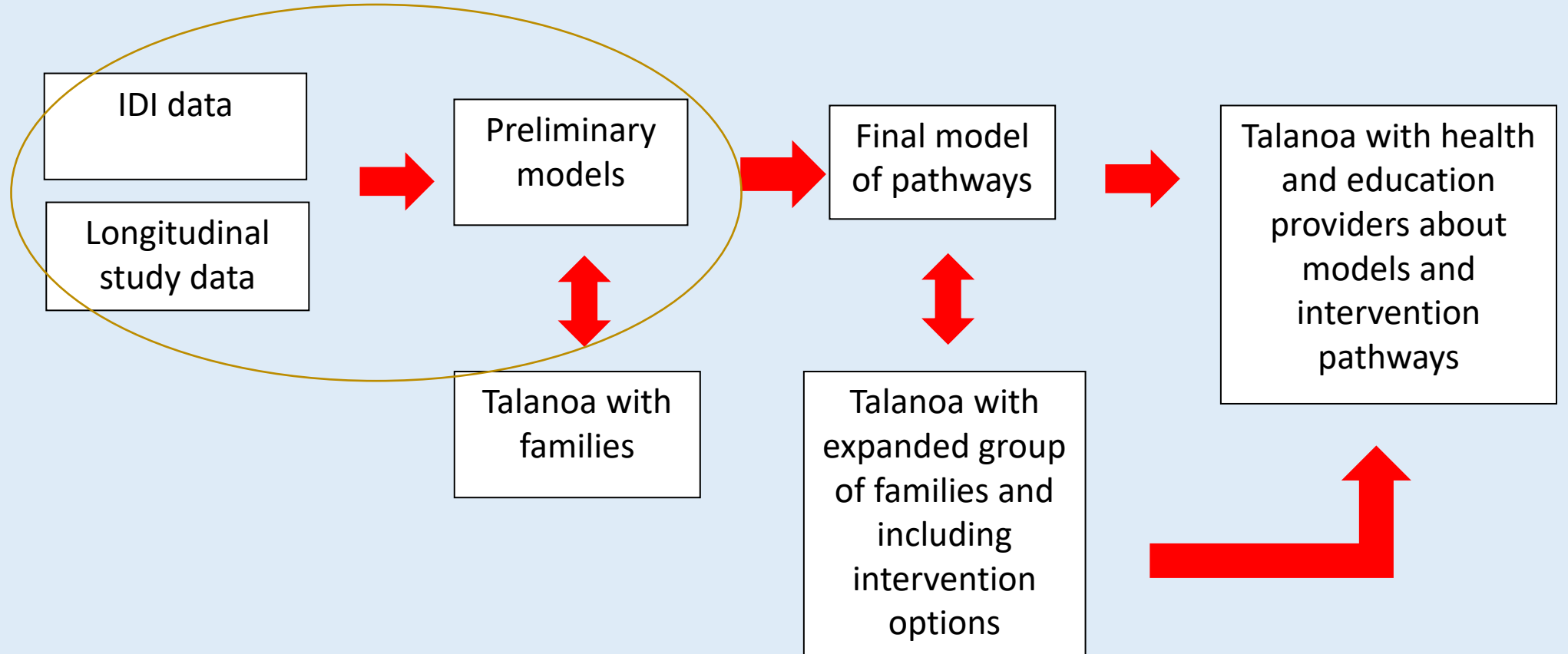
- **Te Oroma** - Establishing a vision
- **Ko'iko'i** – Collecting the materials
- **Atuitui** – Stitching the pattern
- **Mareka'anga** - Admiring the Tivaivai
- **Ariki'anga** – Accepting the Tivaivai
- **Orongo'anga** – Presentation of the gift

Incorporates Pacific Values
Strengths-based
Space for meaningful engagement
and critique

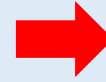
What we want to do...



What we have done...



IDI data



Preliminary models



Original Research

OPEN ACCESS

Is parent education protective of mental wellbeing in Pacific young people? A cohort study of mental health and census data in Aotearoa/New Zealand's integrated data infrastructure.

Jesse KOKAUA,¹ Seini JENSEN,² Reremoana THEODORE,³ Nicholas BOWDEN,⁴ Russell BLAKELOCK,⁵ Debra SORENSEN,⁶ Wilmason JENSEN,⁷ Rosalina RICHARDS⁸

JOURNAL OF THE ROYAL SOCIETY OF NEW ZEALAND
<https://doi.org/10.1080/03036758.2022.2094967>



RESEARCH ARTICLE

OPEN ACCESS

Parental education and hospitalisations among Pacific children: A cross-sectional study using linked administrative data in New Zealand's Integrated Data Infrastructure

Jesse Kokaua¹, Troy Ruhe^a, Nicholas Bowden^b, Reremoana Theodore^c, Seini Jensen^d, Wilmason Jensen^d, Debra Sorenson^e and Rosalina Richards^a

^aCentre for Pacific Health-Va'a O Tautai, Division of Health Sciences, University of Otago, Dunedin, New Zealand; ^bBig Data Theme, A Better Start National Science Challenge, Women and Children's Health, Dunedin School of Medicine, University of Otago, Dunedin, New Zealand; ^cNational Centre for Lifecourse Research (NCLR), University of Otago, Dunedin, New Zealand; ^dPasifika Futures Limited, Auckland, New Zealand; ^ePasifika Medical Association (PMA), Auckland, New Zealand

DOI: 10.1111/cdoe.12791

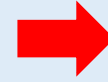
ORIGINAL ARTICLE



Parents' education and Pasifika children's oral health in Aotearoa/New Zealand: A national linked data study using Aotearoa/New Zealand's integrated data infrastructure

Troy Ruhe¹ | Jonathan M. Broadbent² | Philip J. Schluter^{3,4} | Nicholas Bowden⁵ | Reremoana Theodore⁶ | Rosalina Richards¹ | Jesse Kokaua¹

Longitudinal
study data



Preliminary
models

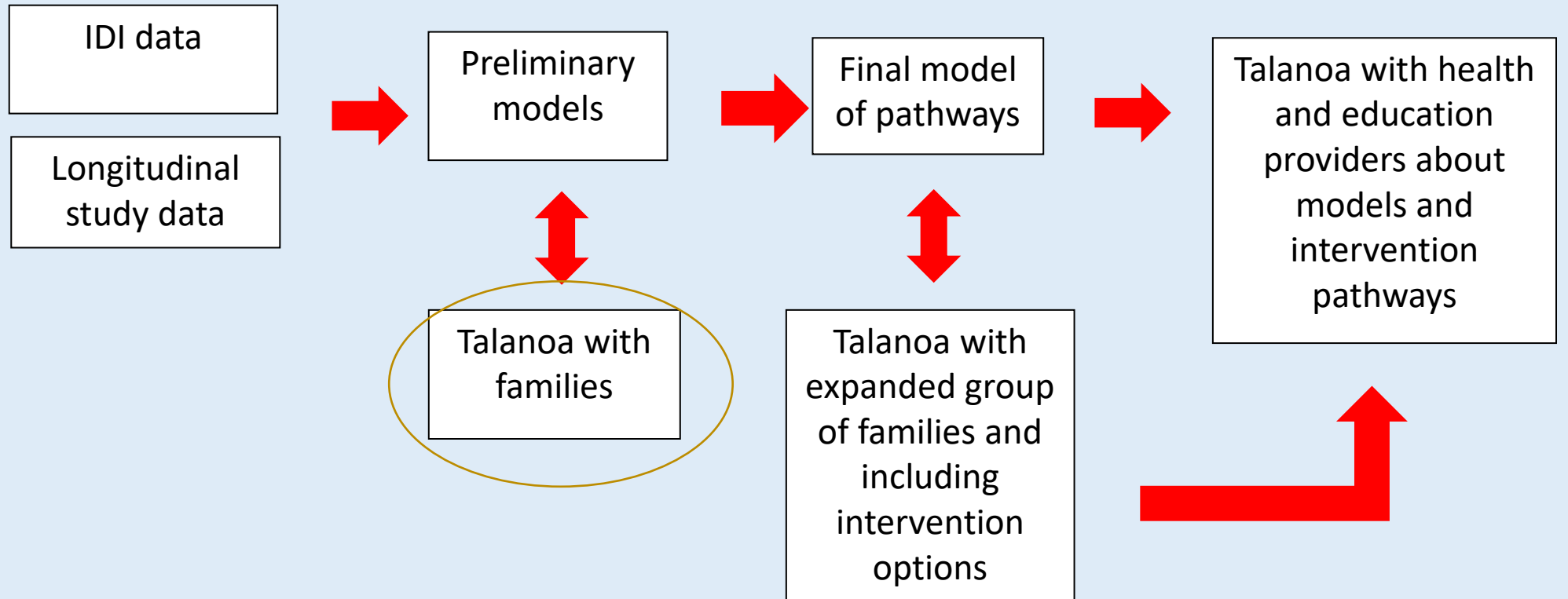
scientific reports

 Check for updates

OPEN Parental education related to their
children's health in late childhood
and early adolescence for Pacific
families within New Zealand

Philip J. Schluter^{1,2✉}, Jesse Kokaua³, El-Shadan Tautolo⁴, Leon Iusitini⁴, Rosalina Richards³ & Troy Ruhe³

Where we are at...





Limitations

- Research inherits the limitations of the data sources.
 - Variable quality of data
 - Hard to reach communities
 - Limited numbers
 - New Zealand resident Pacific
 - Pacific governance
 - Deficit framing
- Generalisability of Talanoa.
- Tivaivai is a Cook Islands framework.
- We have specific strengths.

The many hands that make this possible

Va'a O Tautai – Centre for Pacific Health.

- Dr Jesse Kokaua, Dr Troy Ruhe, A/P Rosalina Richards, Dr Ella Iosua, Faith Eccles, Lydie Leurquin, Ravana Saifoloi

Pasifika Futures

- Debra Sorensen, Seini Jensen, Wilmason Jensen

Moana Connect

- Jacinta Fa'alili-Fidow, Dantzel Tiakia

Pacific Islands Families Study

- Prof Philip Schluter, A/P El-Shadan Tautolo, Dr Leon Iusitini

Centre for Lifecourse Research.

- A/P Reremoana Theodore, Prof Richie Poulton, A/P Jonathan Broadbent

Better Start National Science Challenge – Big Data Team

- Nicholas Bowden, A/P Barry Milne, Prof Rick Audas



Meitaki nui/ma'ata