

Measuring Leadership Readiness for Childhood Obesity Prevention in South Australia's OPAL Program

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Community Readiness Tool (CRT)

- ▶ Developed in mid 90's in Colorado, USA to assess communities readiness for drug and alcohol abuse prevention programs
- ▶ Over 40 applications in peer reviewed literature
- ▶ Defining the issue
 - Readiness is issue specific
- ▶ Defining the community
 - Geographical communities
 - Social communities
 - Shared culture, values, norms or characteristics

Kostadinov I, Daniel M, Stanley L, Gancia A, Cargo M. A systematic review of community readiness tool applications: implications for reporting. International journal of environmental research and public health. 2015;12(4):3453-68.

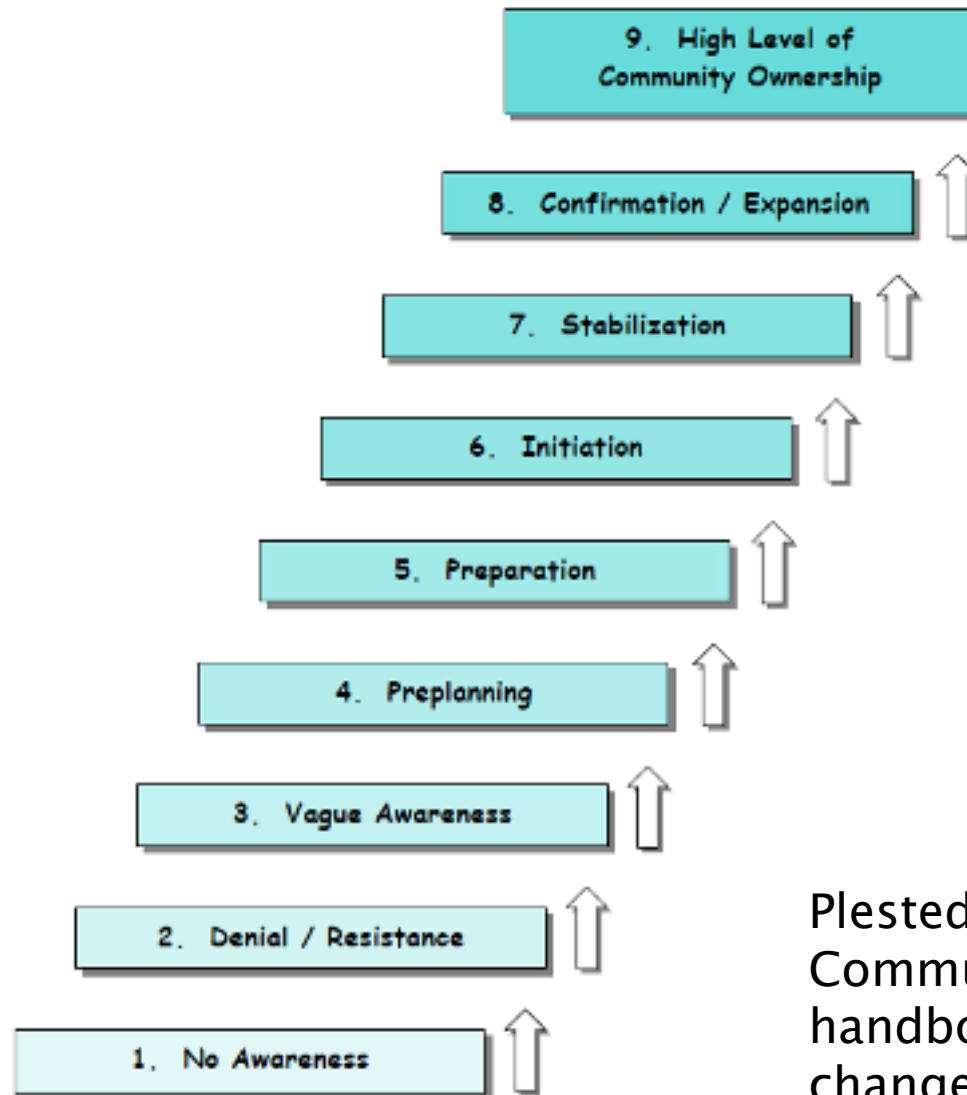
Conducting a community readiness assessment

- ▶ Phone or face-to-face interviews with 4–6 key respondents from each community
 - ▶ 20 core questions and 16 optional questions
 - ▶ 20–40 minutes per interview
 - ▶ Transcribed and scored from transcription
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Dimensions of the CRT

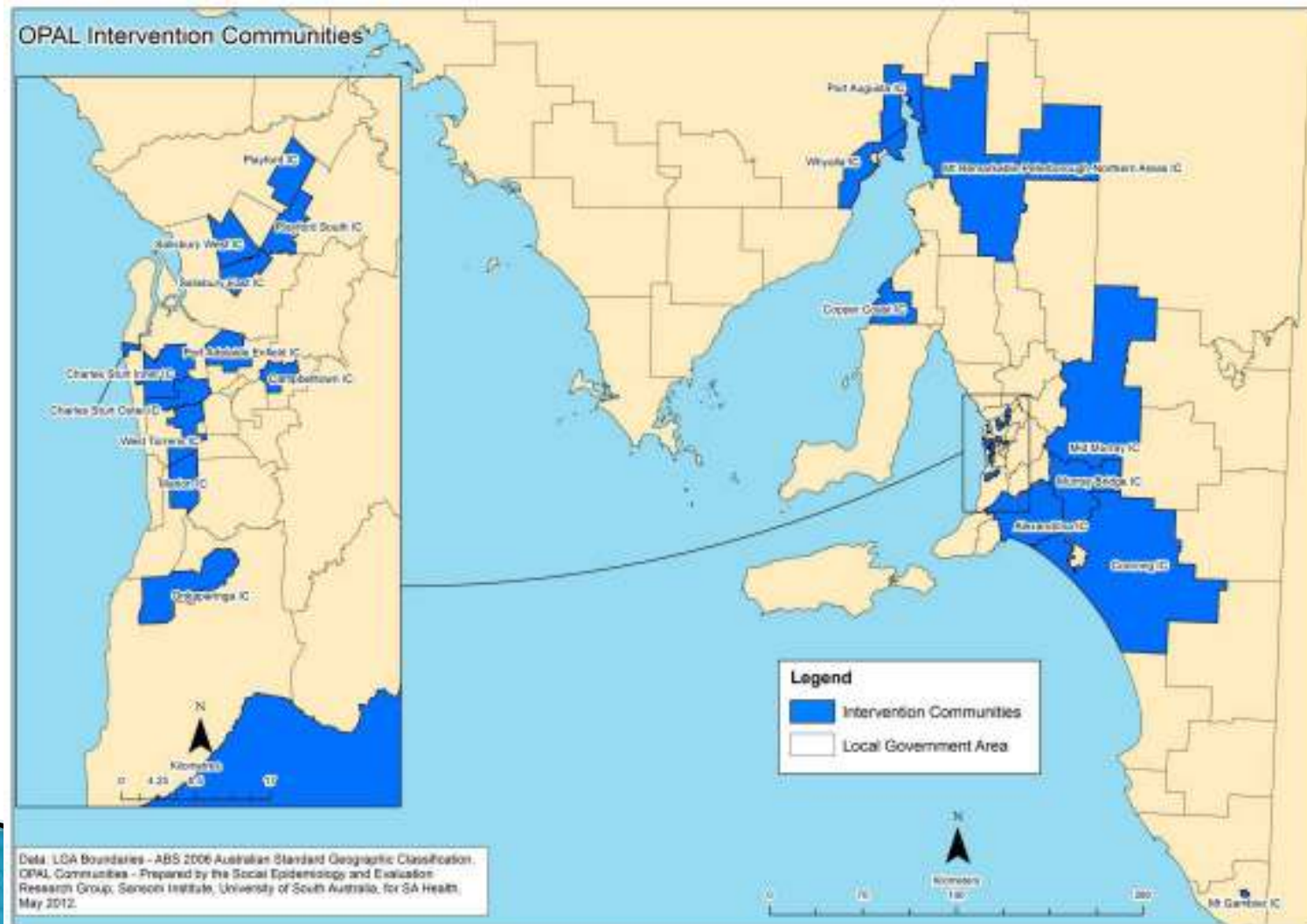
- ▶ Comprised of 5 dimensions:
 - Community knowledge of current efforts
 - Leadership
 - Community climate
 - Community knowledge of the issue
 - Resources
- ▶ Each scored from 1 to 9 on anchored rating scale

Stages Of Community Readiness



Plested et al (2006)
Community readiness: A
handbook for successful
change

OPAL



Urban communities



Rural communities



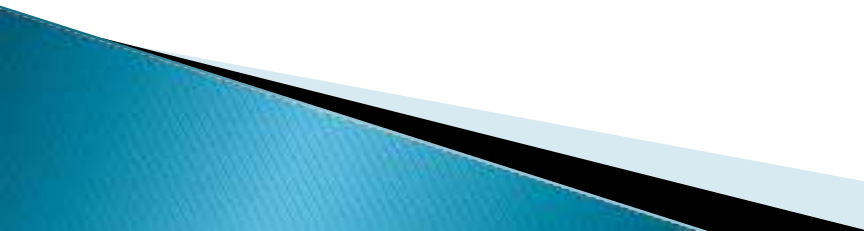
Research questions

- ▶ Can community readiness be assessed online? – concurrent validation study
 - Reduced burden on participants
 - Reduced cost to evaluators
- ▶ What is the level community readiness of suburbs within OPAL intervention communities?

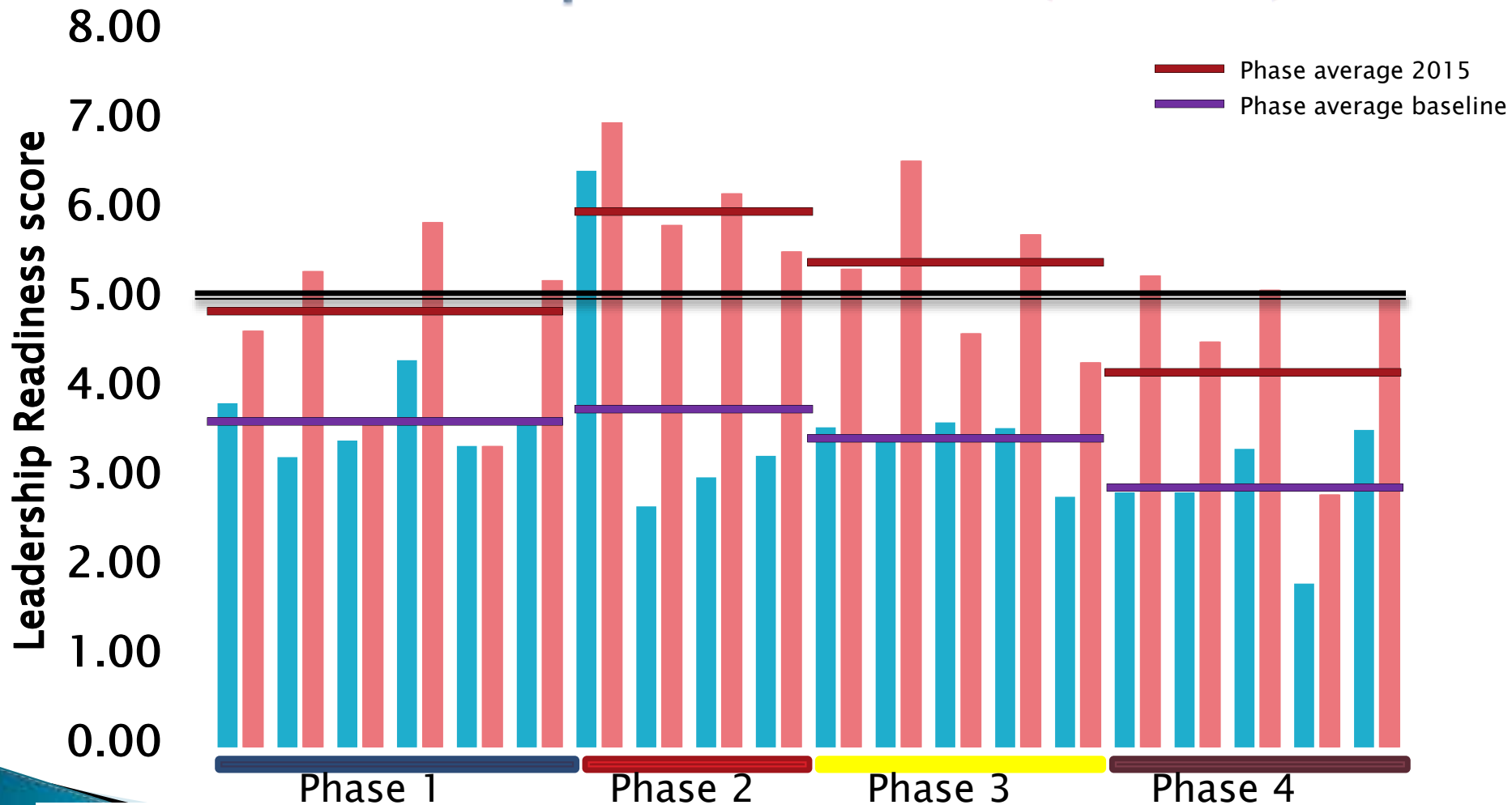
Online assessment of community readiness

- ▶ To reduce burden of assessment we developed and validated an online community readiness assessment
- ▶ Online survey much easier to administer and results come back immediately
- ▶ Statistical validation for leadership and resource dimensions only
- ▶ Resource dimension has vary little variance
- ▶ Leadership dimension only one ready for online assessment

Online leadership assessment – methods

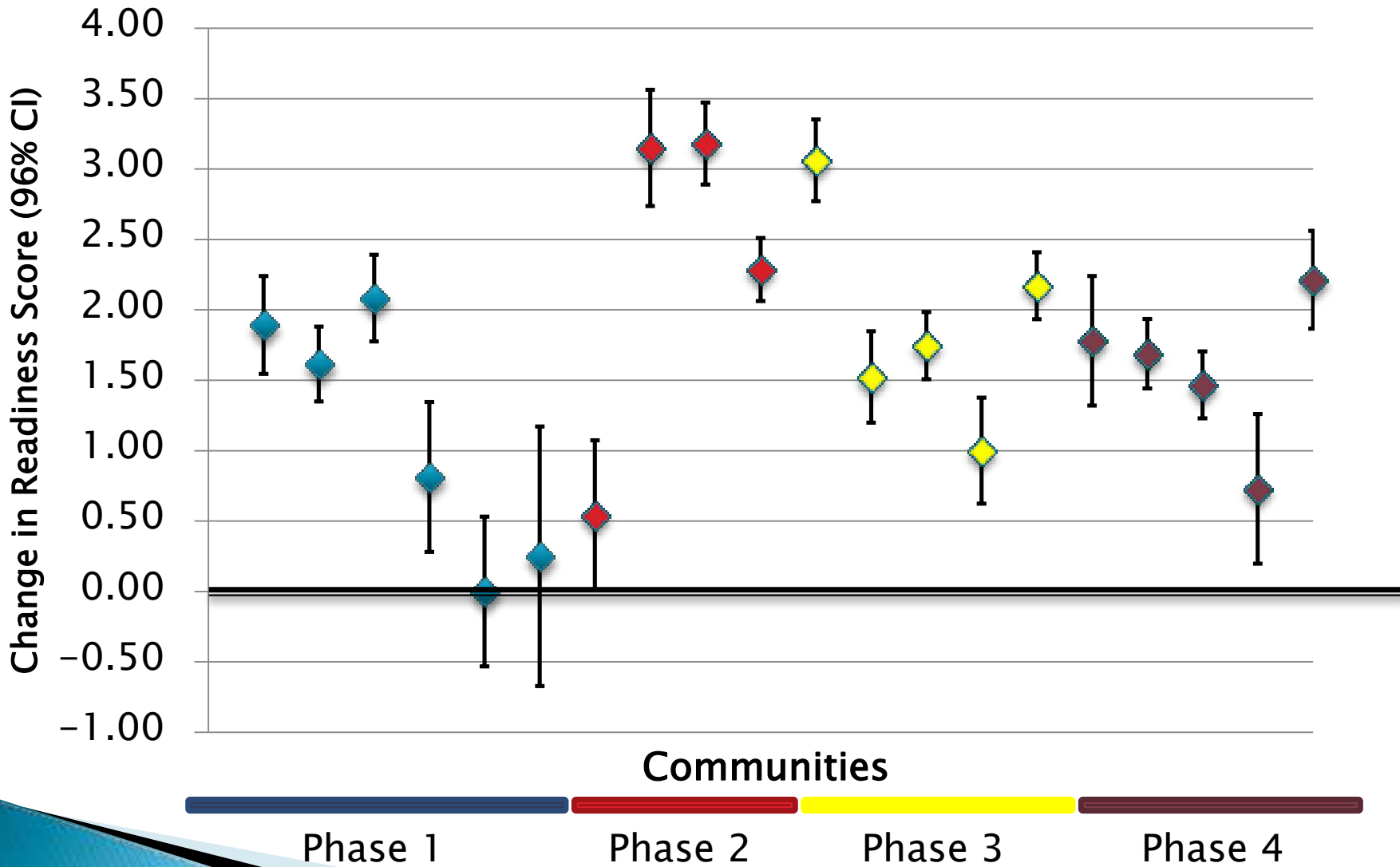
- ▶ Recruit 4 respondents from each OPAL intervention community with help of OPAL staff
 - ▶ Respondents give a leadership readiness core for all suburbs within their community (completely online survey)
 - ▶ Current score as well as pre-OPAL score given
 - ▶ Leadership readiness scores averaged for each suburb
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Variation in community level leadership readiness (n=80)

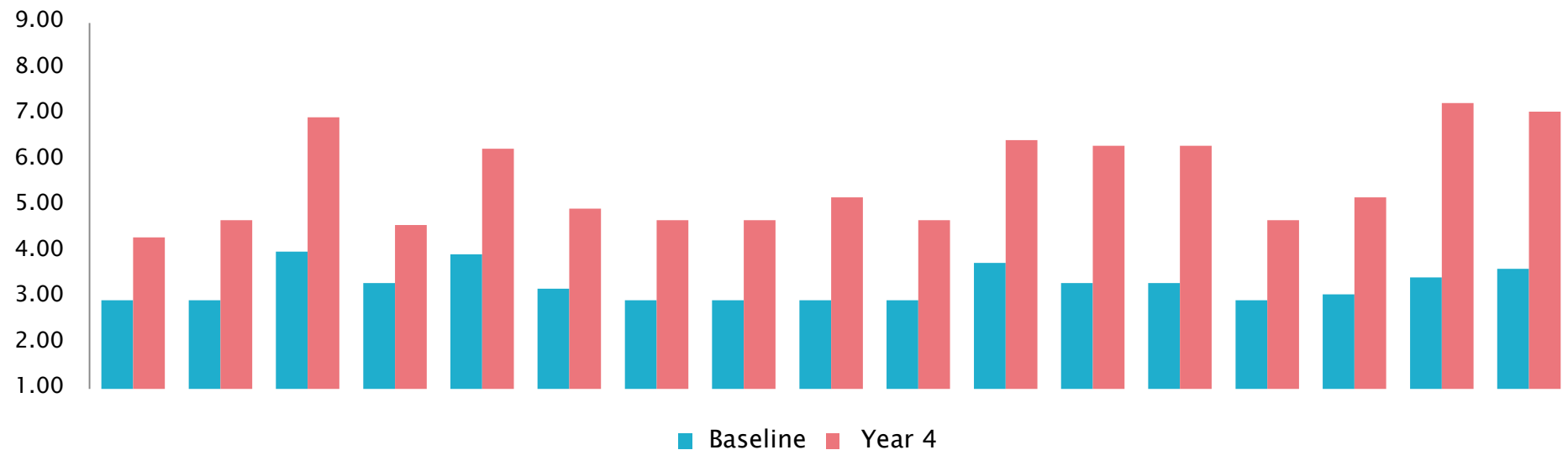


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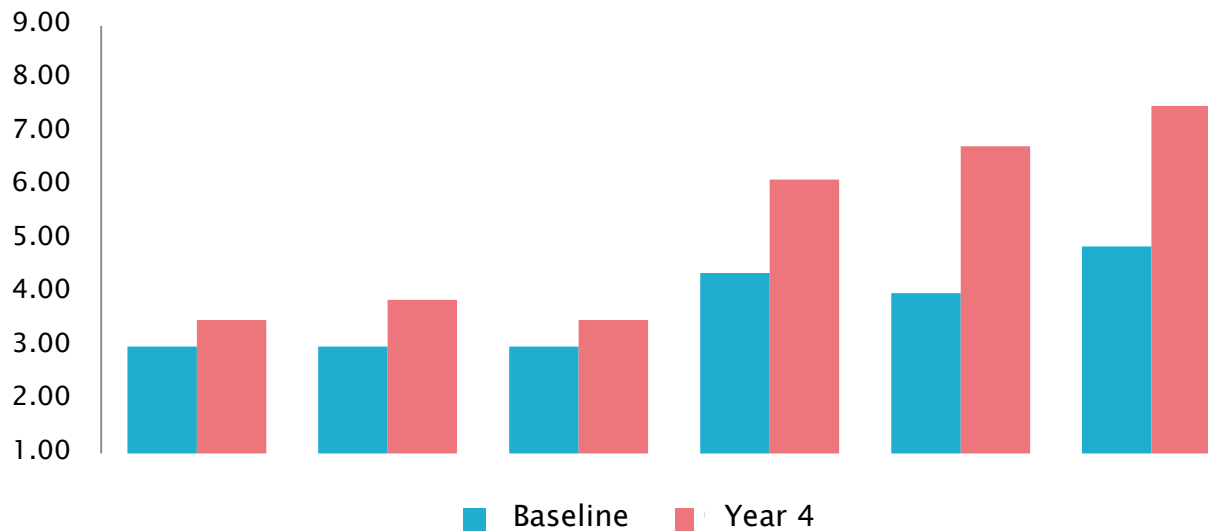
Change in community level readiness score



Variation in suburb level leadership readiness: urban community



Variation in suburb level leadership readiness: rural community



Next steps – ecologicalness

- ▶ The effect of leadership readiness on program implementation and program ecologicalness

Definition of an ecological program

*“An ecological program is one that includes interventions aimed at both **environmental** and **individual** targets and that delivers these interventions in a variety of settings”*
-- Richard et al 1996

Based on the principles of the WHO
1986 Ottawa Charter for Health Promotion
– Community-based ecological programs

Richard L, Potvin L, Kishchuk N, Prlic H, Green LW. “Assessment of the integration of the ecological approach in health promotion programs”. *Am J Hlth Pro*. 1996 Mar-Apr;10(4):318–28.

Ecological coding procedure

- ▶ HP → IND
- ▶ HP → INT → IND
- ▶ HP → ORG → IND
- ▶ HP → COM → IND
- ▶ HP → POL → IND



Networked intervention strategies

- ▶ HP → [X-X] → IND
- ▶ HP → [POL-ORG] → IND



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Prof. Mark Daniel

Dr. Linda Stanley

Dr Michelle Jones

OPAL Staff

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