













Sampling Health-Related Social Networks in Cross-Country Surveys

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Recommended literature for this session: Perkins, J. M., Subramanian, S. V., & Christakis, N. A. (2015). Social networks and health: a systematic review of sociocentric network studies in low- and middle-income countries. Social Science & Medicine, 125, 60-78. doi: https://doi.org/10.1016/j.socscimed.2014.08.019

Health-related social networks in LMICs











Table 3

A catalog of 105 'Name Generators' (survey questions employed to elicit social ties) sorted by network type, which were collected from 37 social network studies conducted in low- and middle-income countries.

Network type	Text of name generators
Kinship	 Asked to name all other households in the hamlet to whom they were related (either through blood or marriage). "Does this person have other siblings besides the ones [living in the household] that are still living?" If so, then name and contact's location were recorded. "With which households do your family members have kinship relationships?" "Can you tell me about people who are close to you and are kin or faux kin?" Asked to name five relatives respondent speaks with most frequently. "Name any close relatives, aside from those in this household, who also live in this village. Plus people in those same households." "Have any of your household members married members of other households?" [Direction was indicated and Names given as response]. Asked to name siblings (no other criteria). Asked to name spouse (no other criteria).
Sex partners	10. Asked to name with sexual partners within the past five years.11. Asked to name five most recent sexual partners in the past three years.
Friends: general	12. "Name up to five other women/men [same-sex as respondent] with whom you talk most and perceive as among your best friends."13. Asked to name up to five women in the village with whom they talked most and perceived as their best friends.14. Asked to name five friends speak with most frequently.15. Asked to name four closest friends on the island.16. "Who are your closest friends in the village?"

Network sampling: name generators























Cross-cultural applications of cognitive interviews

(Farrall et al., 2012; Miller et al., 2011; Pan, 2004; Sopromadze & Moorosi, 2017; Sha & Pan, 2013; Taylor et al., 2016; Thrasher et al., 2011)

Respondent characteristics influence cognitive interview responses (Miller et al., 2011; Park et al., 2016)

Intrinsic assumptions and cultural adaptation of cognitive interview instruments (Martin et al., 2017)

Cognitive interview: literature and issues

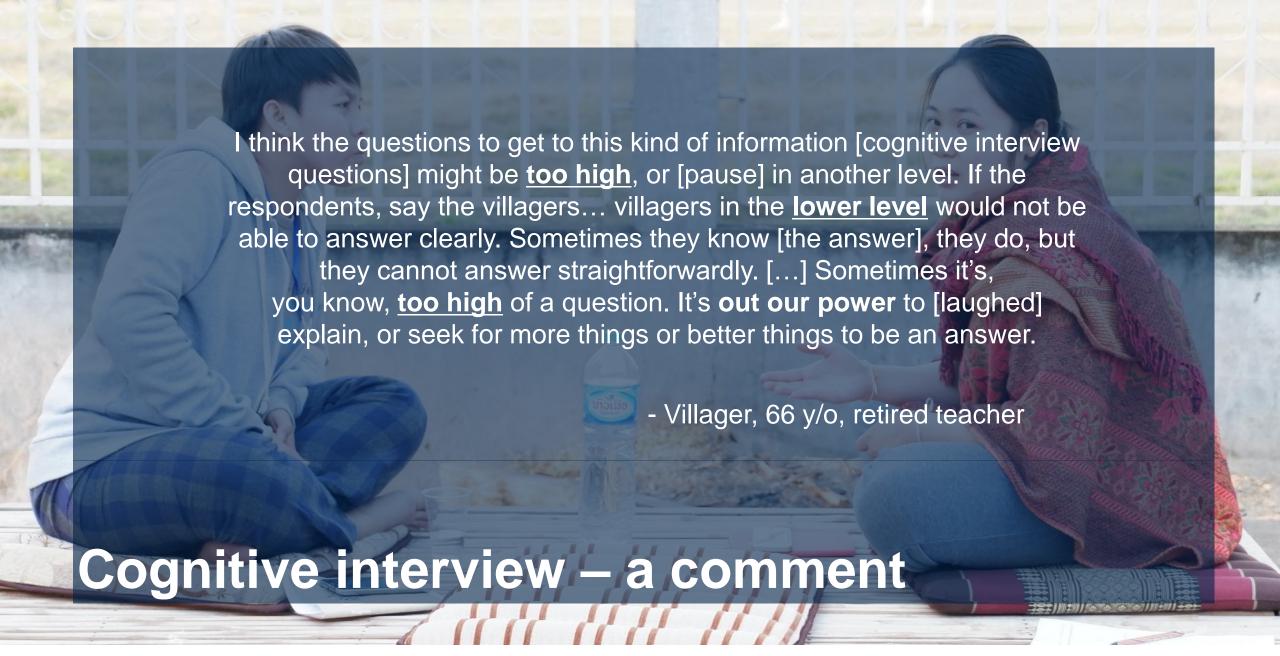






















Research Sites | Thailand (Chiang Rai) - Lao PDR (Salavan)

Approach | Mixed-methods research to understand antibiotic use in context of broader treatment-seeking behaviour

Cross-council initiative to Tackle Antimicrobial Resistance Representative district survey: 134 villages in 60 PSUs – 2,141 villagers Social network census: 5 villages – 3,744 interviews during 2 rounds Cognitive interviewing: 50 villagers

Themes | Antibiotic use in context of marginalisation

Behaviour: What is problematic behaviour, and is it common?

Knowledge: Will "desirable" knowledge spread in villages?

Indicators: Can we detect problematic behaviour easily?

Project overview









Where do you spend most of your time interacting with other people from your village?

- a) Field:
- b) Temple: _
- c) Local store:
- d) Market: ____
- e) Children's schools:
- f) Home:
- g) Workplace: _
- h) Village event/s:
- Other site: _

Our question – Where?













Outside your household, with whom do you interact on a regular basis?

- a) What are the names of the person?
- b) How is this person related to you?
 - c) What is the sex of this person?
 - d) Where does this person live?
- e) What is the name of the household head of this person?
 - f) How often do you interact with this person?
 - g) How do you interact with this person?
- h) Do your conversations relate to health and well-being?

Our question – Who I

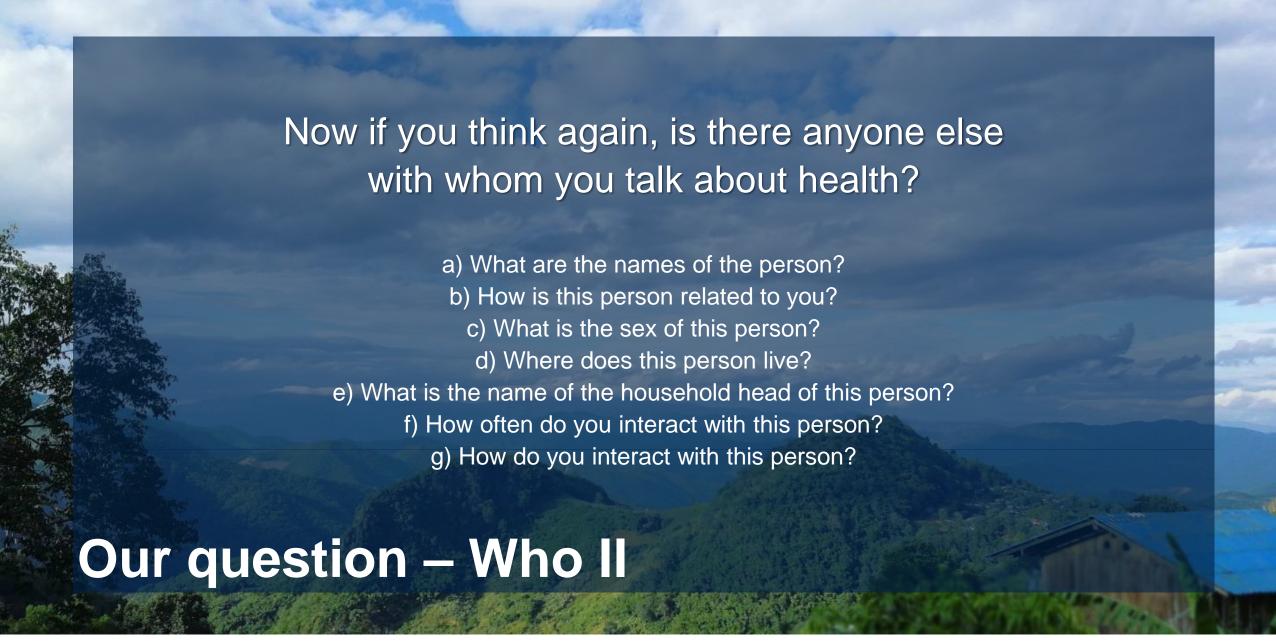












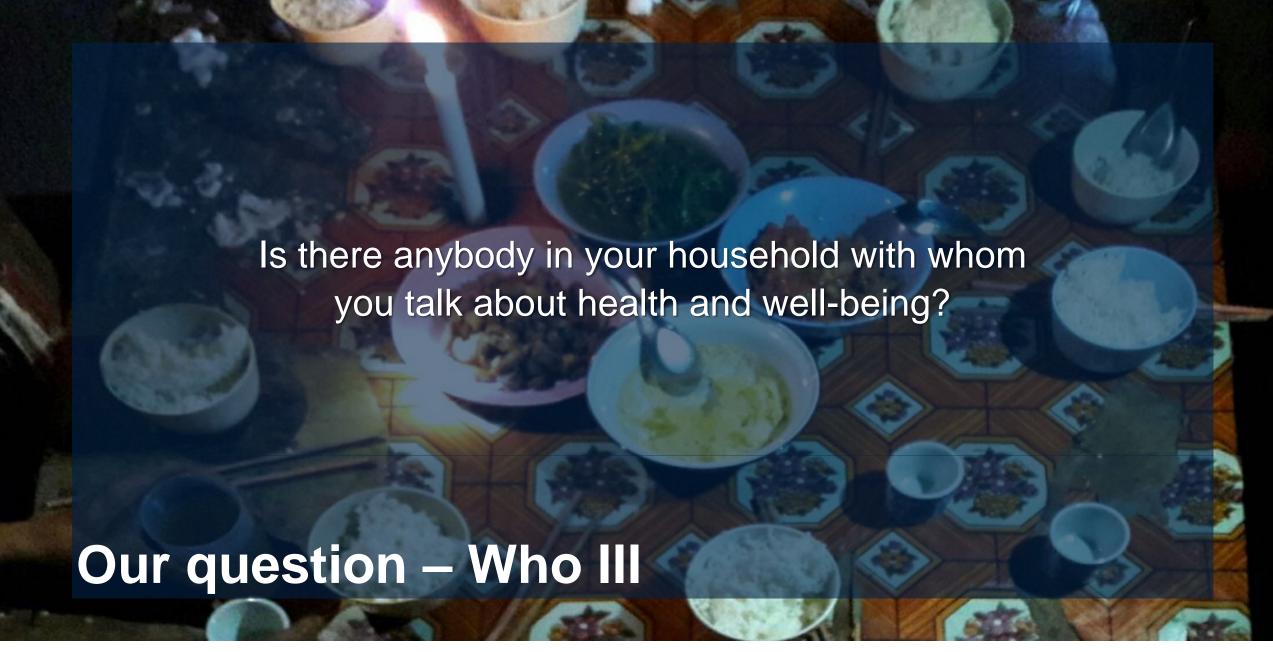
















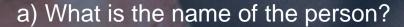








Was anybody of your personal relationships involved in providing advice or help during the illness?



b) How are these people related to you?

b) What kind of support did they provide?

Providing advice

Lending/
granting money

Contacting
family/friends

Providing medicine

Helping with
children/housework

Helping with jobs/agriculture

Our question – Who IV











work (feeding animals/tending crops/covering shifts, etc.)

Providing healthcare/attending

Our gain |

NOT people's cognitive process
Lessons about local context and appropriateness
Understanding of local language and interpretations
Answers for specific interests

Application | Experiences and observations benefit data collection for field investigators and data analysis for analysis team

Improvements | Changes in survey instrument

Questions added: health network, family network

Questions dropped: health conversation topic

Sequence of questions: where comes before who, e.g.

Adjustments of answer categories: frequency of health conversation

Prioritization of answer categories: asking generic questions before details

Evolution of questions

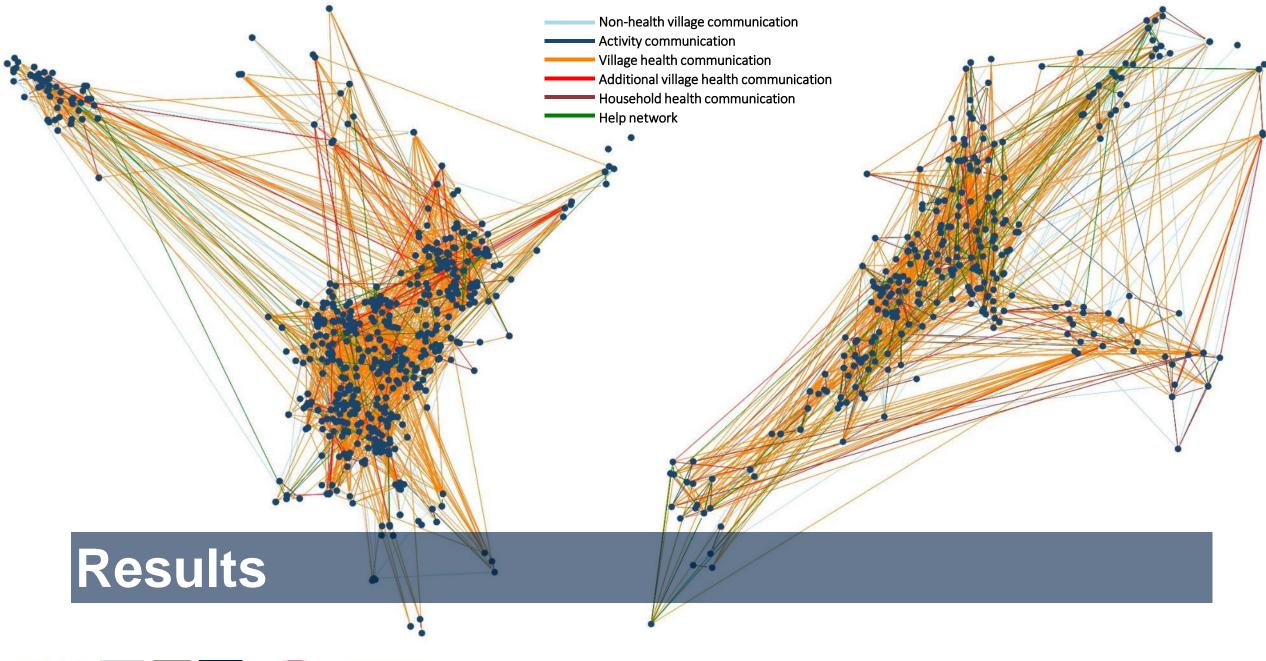














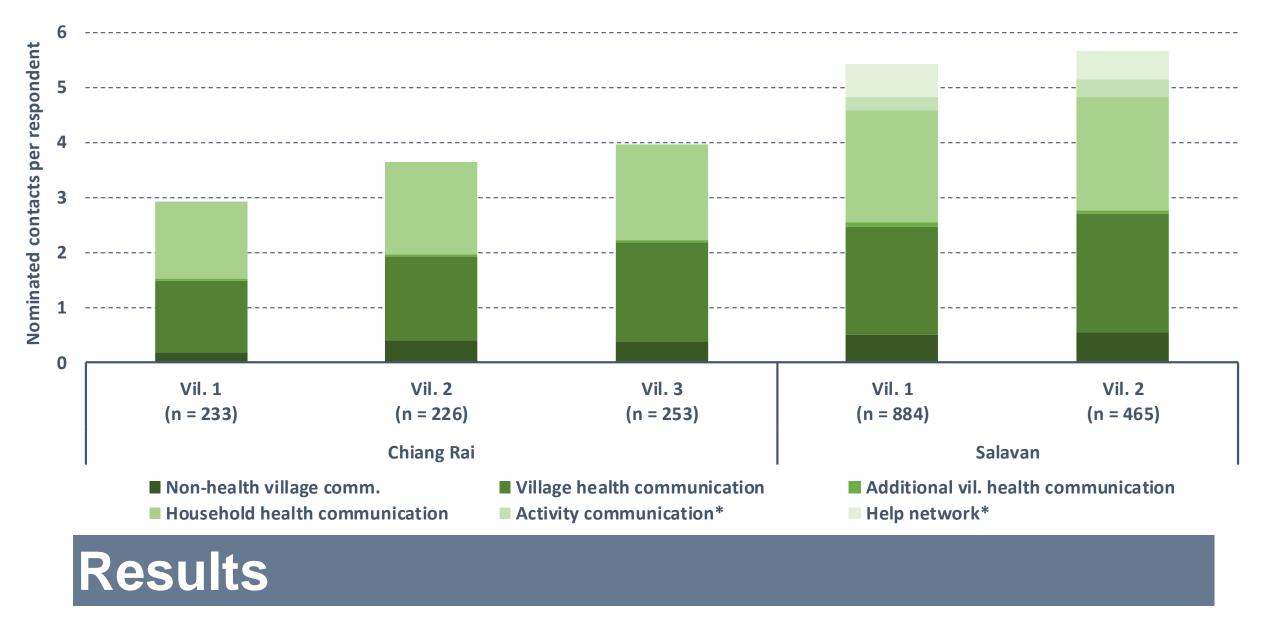












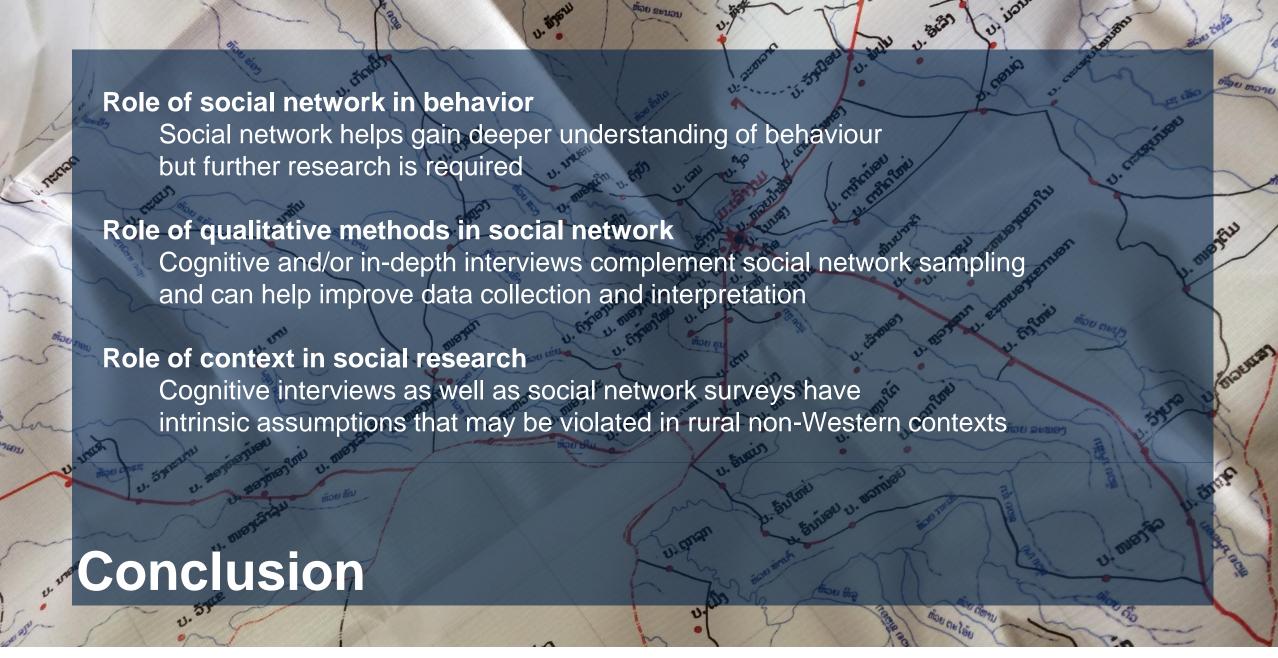












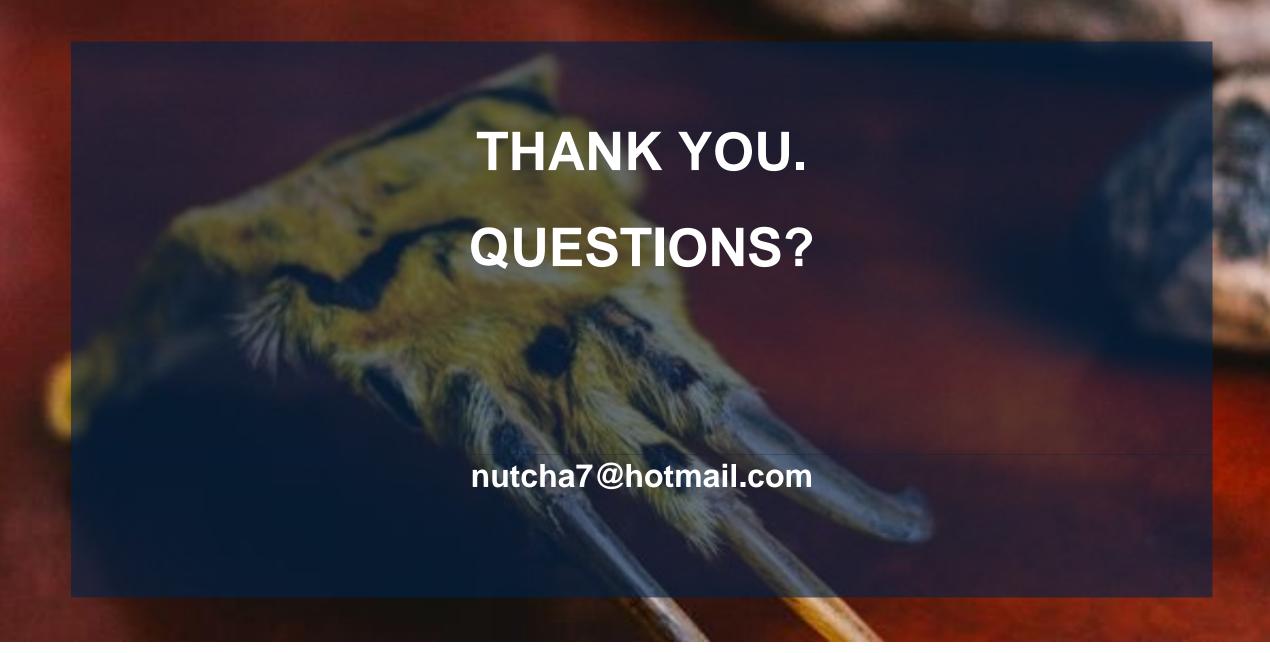






















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Cognitive interview references







