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Presentation outline _____

- Conceptual framework: Women's empowerment
- ☐ The Women's Empowerment in Agriculture Index
- Tool relevance
- Methodology to adapt and translate instruments
- Adaptation and translation process
- Research in Timor-Leste





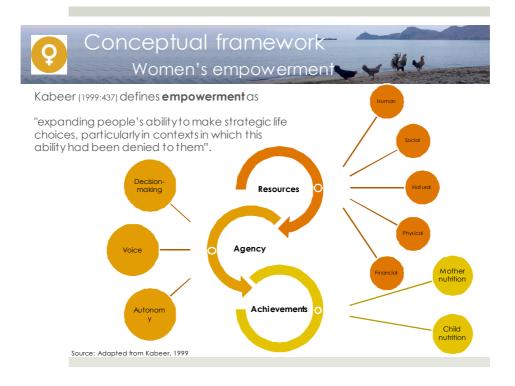


Academic views

- As a process (Batliwala, 1994; Kabeer, 1999; Mosedale, 2005; Lee-Rife 2010)
- As a goal (Tengland, 2008)

Definitions of empowerment (Ibrahim and Alkire, 2007)

- Kabeer (1999)
 - Focus: the degree to which they transform underlying gender inequalities
- Narayan (2002)
 - Focus: **individual choice can limit the definition of empowerment**, especially in cultural contexts wherein community and mutuality are valued
- Alsop et al. (2006)
 - Focus: ability to make choices and the capacity to act upon these decisions





Key elements

- Context specific and multi-dimensional
- Focuses on shifting power structures
- Relational concept

How can it be measured?

- $\hfill\Box$ Proxy indicators education, income, autonomy...
- Sectoral approaches economic (WEE), and the WEAI

The Women's Empowerment in Agriculture Index

Women's Empowerment in Agriculture Index (WEAI)

- Survey-based index
- Measures the empowerment, agency, and inclusion of women in the agricultural sector
- Creates a figure that can be compared across locations
- M&E, diagnostic and research tool

Women's Empowerment in Agriculture Index (WEAI)



International Food Policy Research Institute (IFPRI) Oxford Poverty and Human development Initiative (OPHI)



The Women's Empowerment in Agriculture Index

Women's Empowerment in Agriculture Index (WEAI)

- Two sub-indexes:
 - Five domains of empowerment (5DE)
 - Gender Parity Index (GPI)

WEAI = $(0.90 \times 5DE) + 0.10 GPI)$

- Aggregated WEAI index shows the degree
 - to which women are empowered in their households and communities
 - of inequality between women and men within the household





The Women's Empowerment in Agriculture Index

Five domains of empowerment (5DE)

FIGURE I. THE FIVE DOMAINS OF EMPOWERMENT IN THE WEAI

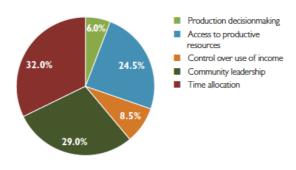
Domain	Indicators	Weight
Production	Input in productive decisions	1/10
	Autonomy in production	1/10
Resources	Ownership of assets	1/15
	Purchase, sale, or transfer of assets	1/15
	Access to and decisions on credit	1/15
Income	Control over use of income	1/5
Leadership	Group member	1/10
	Speaking in public	1/10
Time	Workload	1/10
	Leisure	1/10

Source: IFPRI, 2012

The Women's Empowerment in Agriculture Index

Five domains of empowerment (5DE) in Cambodia

FIGURE 2. CONTRIBUTION OF EACH OF FIVE DOMAINS TO THE DISEMPOWERMENT OF WOMEN



Source: IFPRI, 2012

FIGURE I. CONTRIBUTION OF EACH INDICATOR TO DISEMPOWERMENT

Women Men PRODUCTION 0.000 Input in productive decisions Autonomy in production **RESOURCES** Ownership of assets Disempowerment index (I – 5DE) 0.010 0.015 Purchase, sale, or transfer of Access to and decisions on INCOME Control over use of income **LEADERSHIP** ■ Group member Speaking in public TIME ■ Workload Leisure 0.020 0.025 0.030

Gender Parity Index (GPI)

In Cambodia

Gender parity importance, Sustainable Development Goal 5.

Evidence showing that equalizing access to assets and opportunities for men and women helps achieve better development outcomes.





Source: IFPRI, 2014





- Abbreviated WEAI (A-WEAI)
- Streamline tool
- □ Reduced 30% time
- □ Now 25-30 min / respondent
- Cognitively tested
- □ Individual and HH level data





Source: Malapit, 2015

Tool relevance

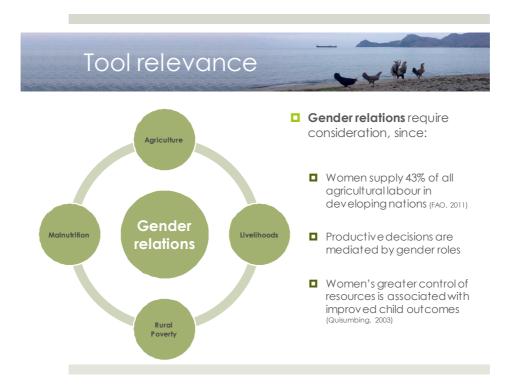
In most low- and middle-income countries

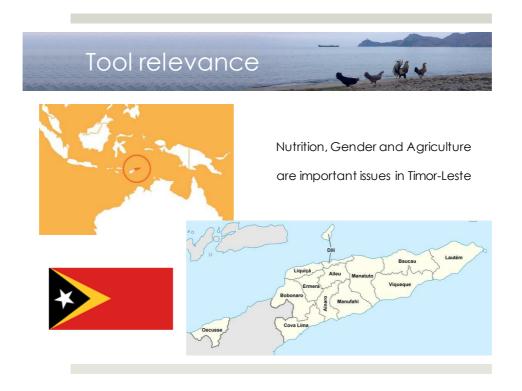
- Agriculture
 - A major source of livelihoods of the rural poor (FAO, 2015)



- Rural areas concentrate extreme poverty in a disproportionate manner (WB, 2015)
 - Exemplified through higher child malnutrition (FAO, 2015)

These are interrelated , often reflecting the **gendered nature** of social and economic relations





Methodology to adapt and translate instruments

Method: forward-translations and back-translations (WHO, 2016)

- Achieve conceptually equivalent instruments in different countries/cultures
- Cross-cultural and conceptual > literal equivalence
- □ Steps:
 - 1. Forward translation
 - 2. Expert panel
 - 3. Back-translation
 - 4. Pre-testing and cognitive interviewing
 - 5. Final version

Adaptation and translation process of the A-WEAI in TL

Questionnaire adaptation

■ Make categories relevant to Timor-Leste Ex. Adapting animals and crops

□ KARAU
 □ KARAU-VAKA, KARAU-TIMOR
 □ BIBI, BIBI MALAE
 □ MANU, MANU RADE
 □ FAHI
 □ KUDA
 □ ANIMÁL SIRA KI'IK, ez. KOELHU, ASSU
 □ IKAN

■ No women's empowerment mention!





Adaptation and translation process of the A-WEAI in TL

Forward-translations and back-translations method (WHO, 2016)

- 1. Forward translation
 - Professional translation and revision by Timorese gender expert
- 2. Expert panel
 - Technical Advisory Group review



- 3. Back-translation
 - Independent translator
- 4. Pre-testing and cognitive interviewing
 - Target: subsistence farming households (n=10) also women in agriculture cooperative
- 5. Final version
 - TAG changes approval





Research implications

Women's empowerment

- is one of the conceptualised pathways from agriculture programmes to nutrition outcomes (Herforth and Harris, 2013)
- is associated with child and maternal nutrition (van den Bold et al., 2013)

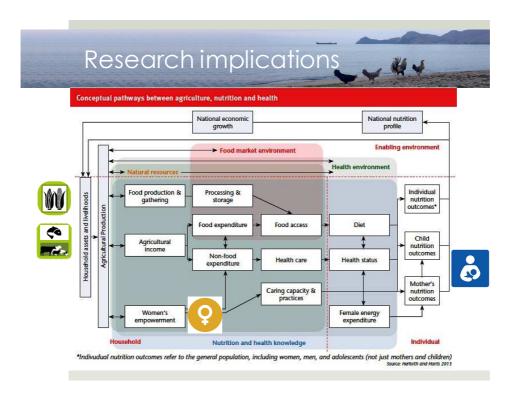
Is the empowerment of women in agriculture positively associated with child dietary diversity?

the A-WEAI can help explore this gap









Research implications

- **Agricultural interventions** have the potential to improve both production and consumption of nutritious foods (IFPRI, 2012)
- The pathways by which these programmes can improve nutritional outcomes have been widely discussed (Kadyiala et al., 2014; Herforth, 2013;

(Kadyiala et al., 2014; Herforth, 2013; Gillespie, 2012; Hoddinott, 2011; WB, 2007)

■ Yet, all converge in that



Women "are key mediators in the pathways between agriculture inputs, intra-household resource allocation, and child nutrition" (Ruel and Alderman, 2013:538-9)







Photo: Autho







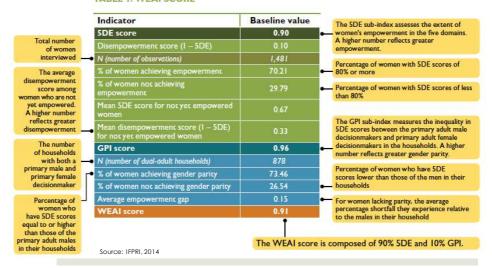


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The Women's Empowerment in Agriculture Index

TABLE I. WEAI SCORE



The Women's Empowerment in Agriculture Index

Limitations of the WEAI

- While the WEAI provides a rigorous measure of empowerment relevant to agriculture, it is subject to some limitations:
- WEAI results may not be representative of the empowerment of all adult women in a country, because respondents in the WEAI survey are primary decision-makers and may be more empowered than other women in their households.
- Women who are not involved in agricultural decisions may appear disempowered even if they are engaged in decision-making on nonagricultural activities.
- Women in households that do not have a male decision-maker are likely to be identified as empowered because of the WEAI's focus on decisionmaking questions.
- Other domains of empowerment not captured in the WEAI, which focuses solely on agriculture, may be more relevant to specific desired outcomes, such as nutritional status.

Source: IFPRI, 2014

Community-Driven Nutrition Improvement Project (CDNIP)

Nutrition education

Support production of





AGRICULTURA E PESCAS

Project partners _____

Community-Driven Nutrition Improvement Project (CDNIP)

