



GAAP² phase 2

Gender, Agriculture & Assets Project

Led by IFPRI

Development & Validation of a Health & Nutrition Empowerment Module for the Women's Empowerment in Agriculture Index

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Addis Ababa, Ethiopia

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Women's Empowerment in Agriculture Index (WEAI)



FEED THE FUTURE
The U.S. Government's Global Hunger & Food Security Initiative

WOMEN'S EMPOWERMENT IN AGRICULTURE INDEX

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OPHI
www.ophi.org.uk

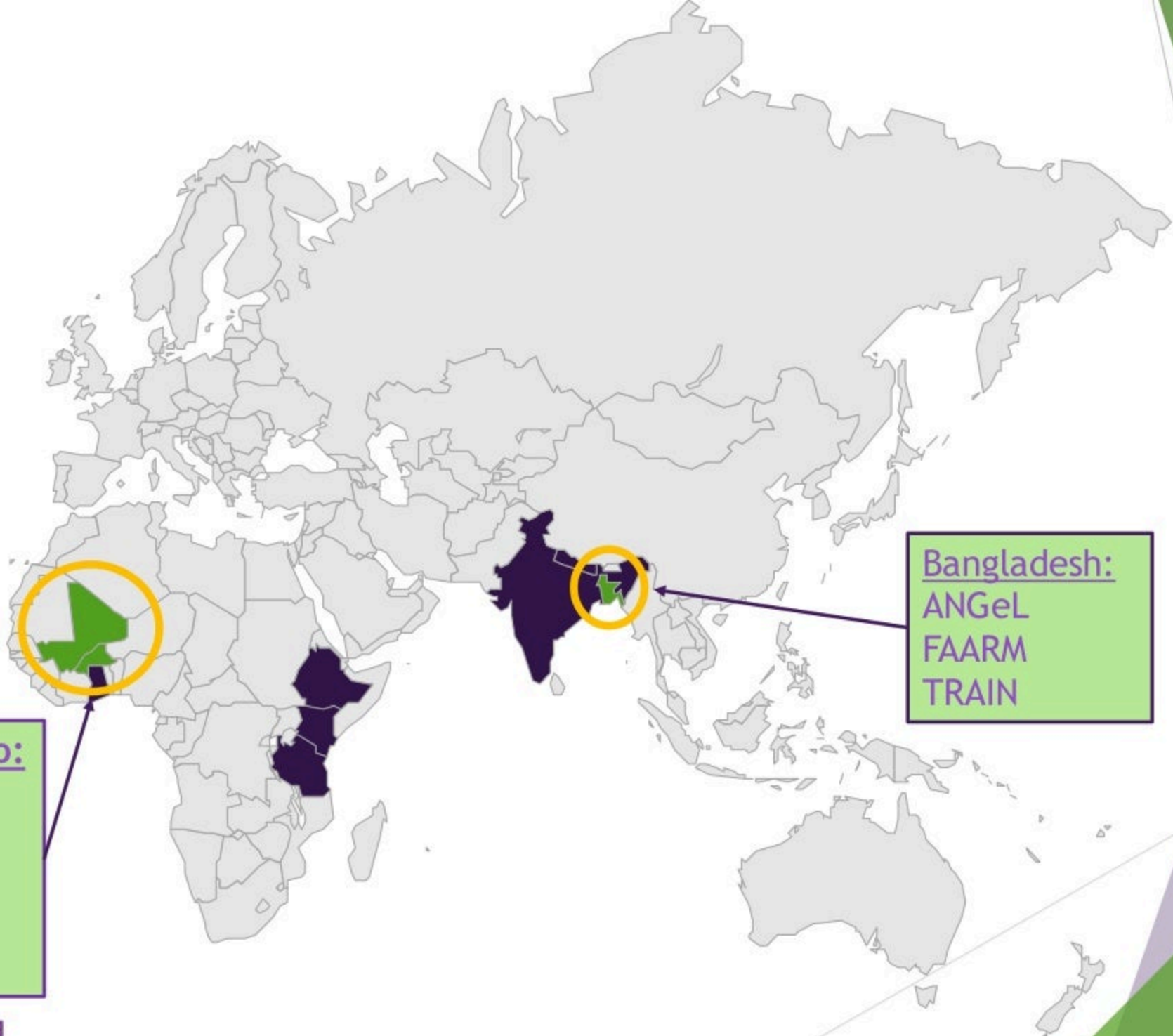
Many agricultural development projects have nutrition-sensitive objectives







pro-WEAI Health and Nutrition Module

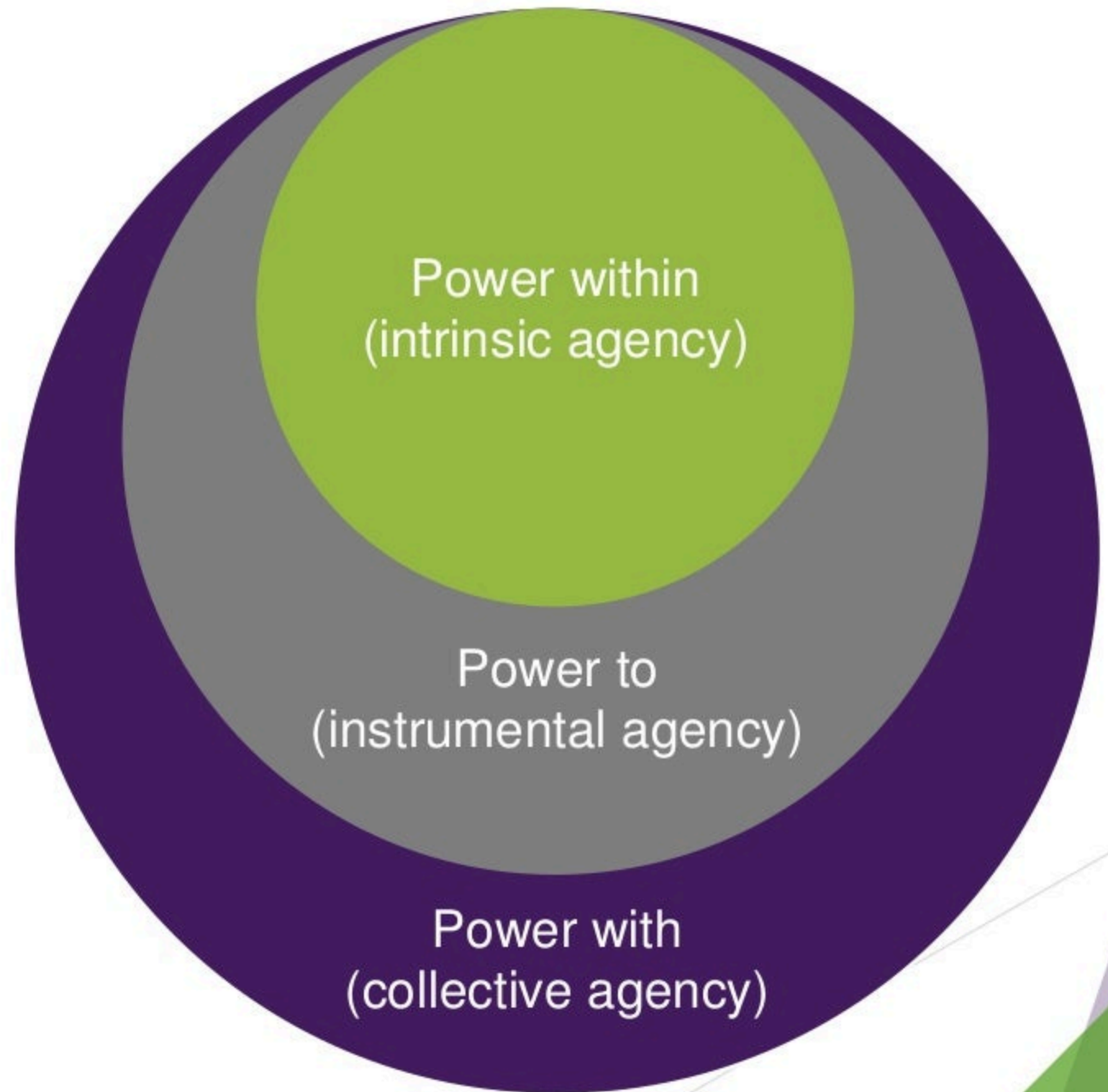


Burkina Faso:
Grameen &
SE LEVER

Mali:
WorldVeg

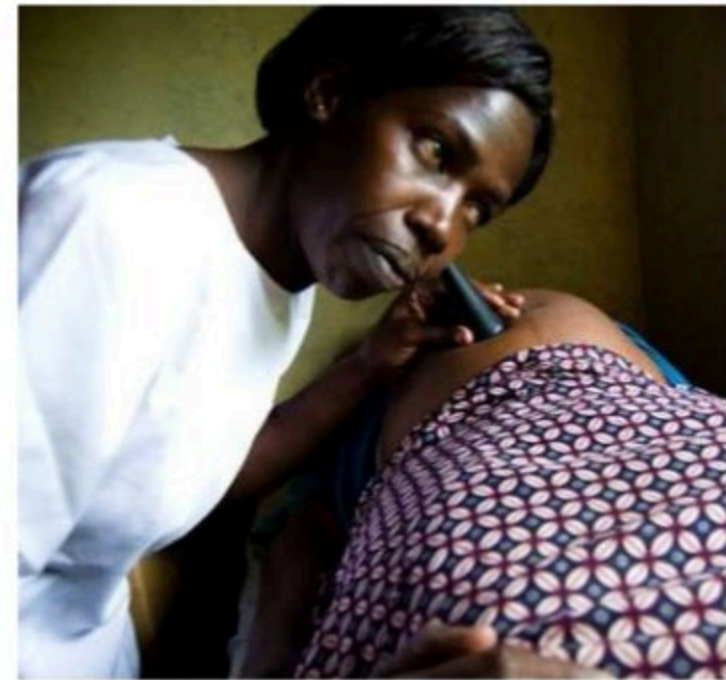
Bangladesh:
ANGeL
FAARM
TRAIN

Three types of agency measured in the WEAI



Who makes decisions about....

To what extent she participates in decisions about....

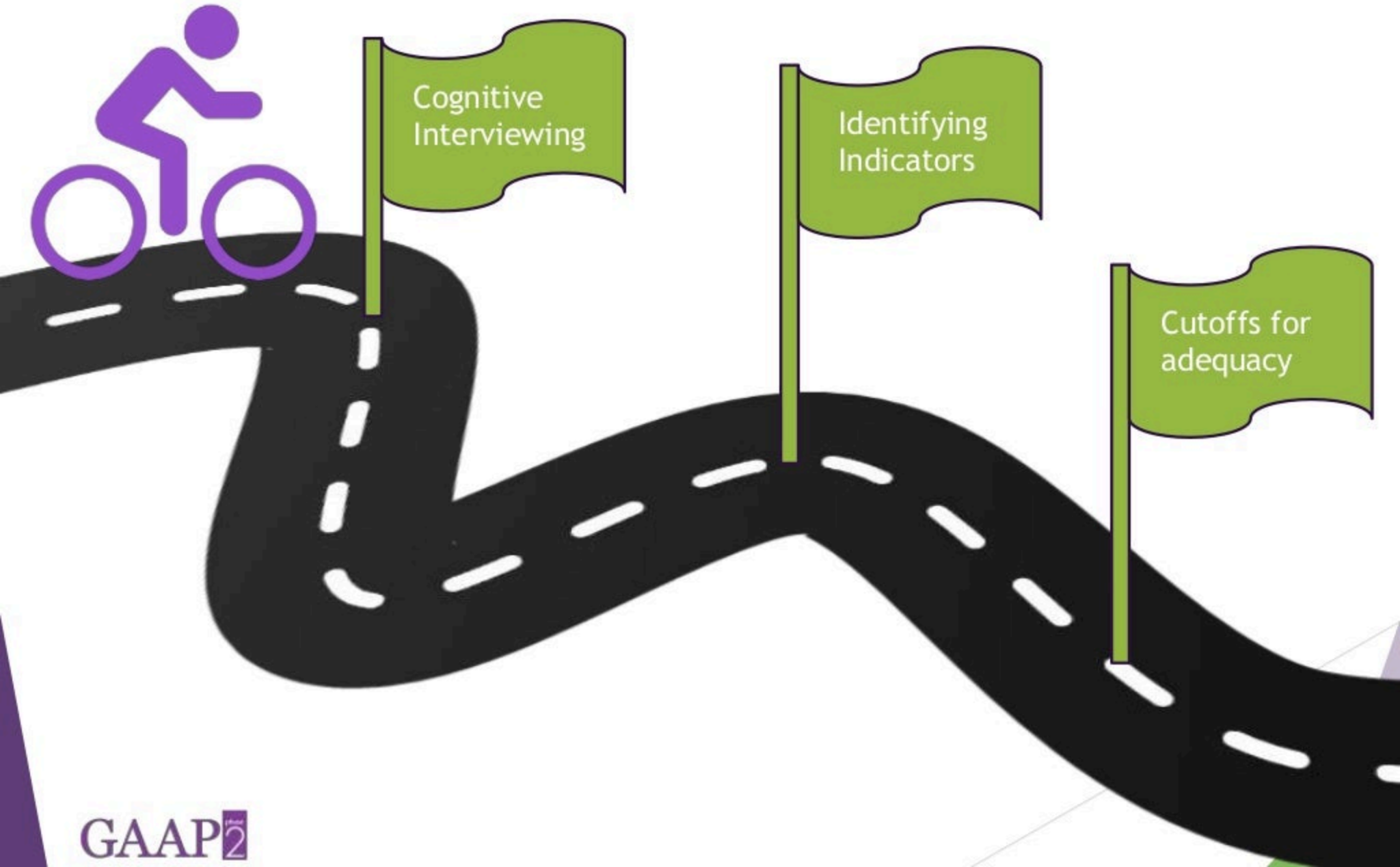


Decisions to purchase key foods and health products



Can acquire them by some means (e.g., cultivation, from someone else)

Our Road Map



Cognitive Interviewing



Improved question structure
Clarified confusing terms



Collaboration with
Emory University &
DATA Bangladesh



Cognitive Interviewing Lessons

- ▶ Change the wording of questions so that respondents can better understand which part of the question is prompting a response
 - ▶ OLD: Who in the household generally makes decisions about whether to purchase [PRODUCT]?
 - ▶ REVISED: When decisions are made whether or not to purchase [PRODUCT], who generally makes the decision?

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- ▶ Reorder questions
 - ▶ Similar themes together
 - ▶ Sensitive questions later

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- ▶ Feedback from DATA field teams
 - ▶ Enumerator and respondents find the questions easier
 - ▶ Sequence is more relevant and natural

Identifying Indicators



Exploratory factor analysis
Confirmatory factor analysis



Different indicators in
Bangladesh and West Africa

Control over own
health and diet

Input into:
Rest when ill
Foods to prepare
Foods to eat

Control over
health and diet
during
pregnancy

Input into:
Work and rest
Eating ♦eggs, ♦milk,
♦meat

Control of child's
diet

Input into:
Feeding child ♦eggs,
♦milk, ♦meat

Control over
weaning and
breastfeeding

Input into:
Whether to breastfeed
When to wean
Giving other foods

Freedom to seek
healthcare

Input into:

Doctor for ♦illness,
♦pregnancy, ♦sick child,
♦child well-visits

Freedom to
purchase food
and health
products

Input into purchasing:

Food, animal-source
foods, medicines,
toiletries

Access to food
and health
products

Can acquire-some means:

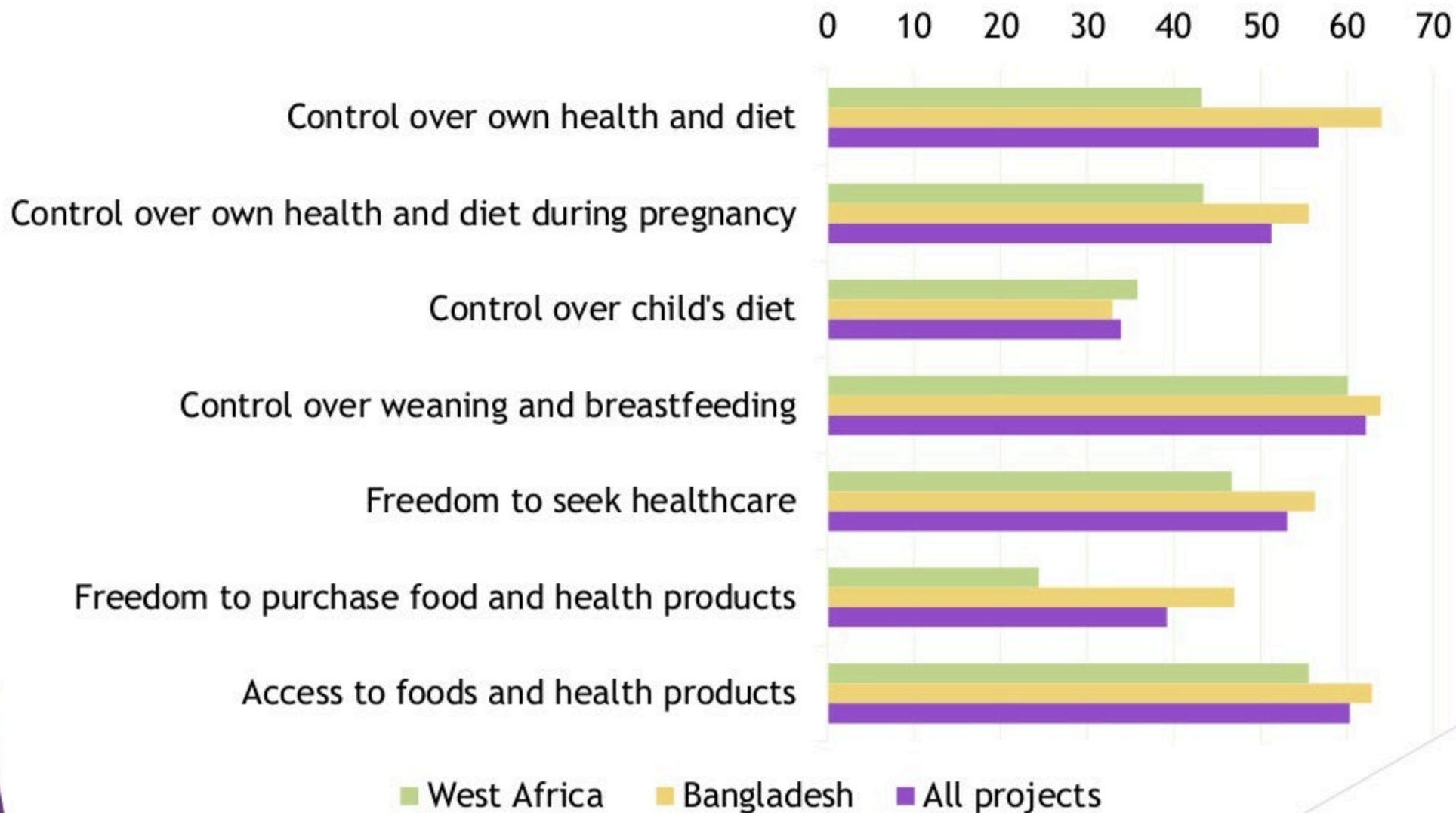
Food, animal-source
foods, medicines,
toiletries

Developing Definitions of Adequacy and Cutoffs



- Alkire-Foster methods
- Sensitivity comparisons
- Normative approach
- Supported by qualitative insights
- Eliminated redundant items

Percent Achieving Empowerment



Where Next for the pro-WEAI Health & Nutrition Module?



Strengthen case for external validity

Follow-up data from impact evaluations

weai.ifpri.info