



GAAP^{phase}2

Gender, Agriculture & Assets Project

Led by IFPRI

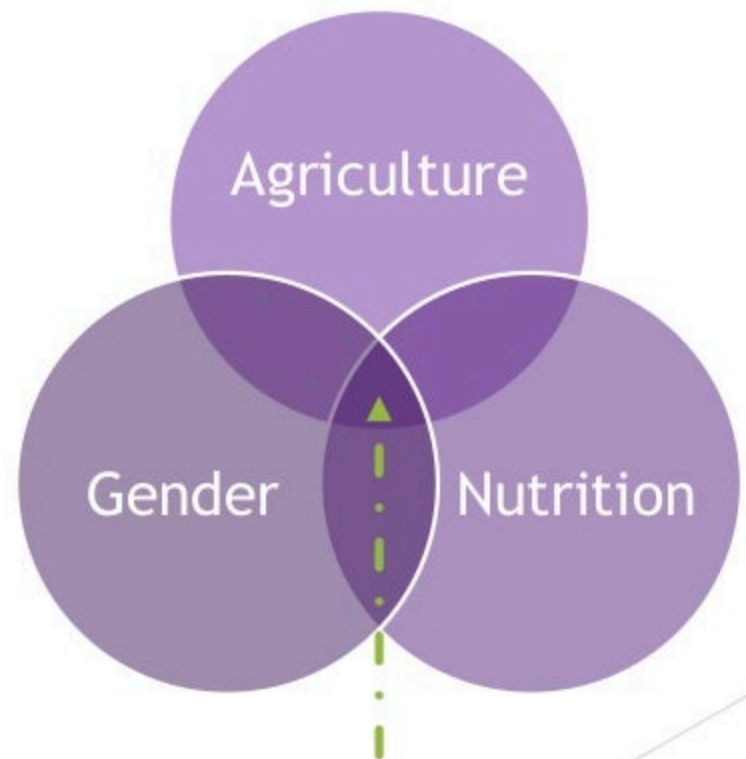
Designing for empowerment impact

The Agriculture, Nutrition, and Gender Linkages
(ANGeL) project in Bangladesh

Presented by: Akhter Ahmed, Country Representative, IFPRI-Bangladesh
Seeds of Change Conference | Canberra, Australia | April 3, 2019

Agriculture-Nutrition-Gender Nexus: Evidence from IFPRI Research

- ▶ Findings from IFPRI's 2012 Bangladesh Integrated Household Survey (BIHS):
 - ▶ Agricultural diversity promotes household and child dietary diversity, and hence, diet quality
 - ▶ Women's empowerment (measured by WEAI) improves household, child, and maternal dietary diversity
 - ▶ Agricultural diversity increases if primary woman is empowered (measured by WEAI)



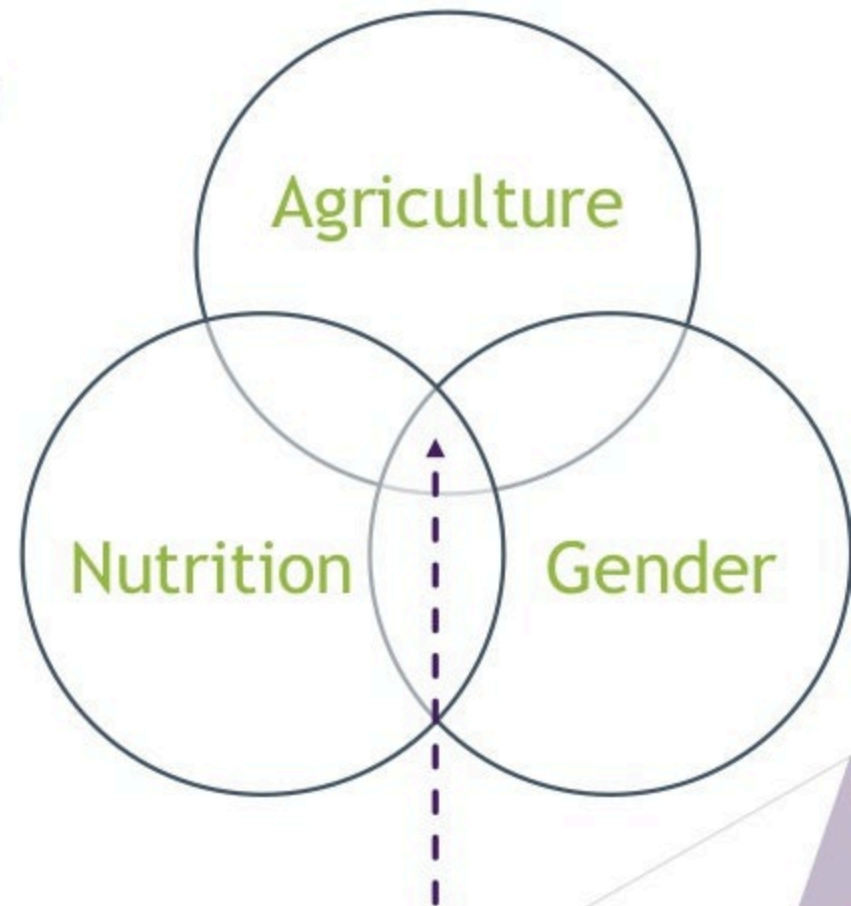
**ANGeL aims to strengthen the
agriculture-nutrition-gender nexus**

Research Design

ANGeL aimed to identify actions and investments in agriculture to improve nutrition and empower women.

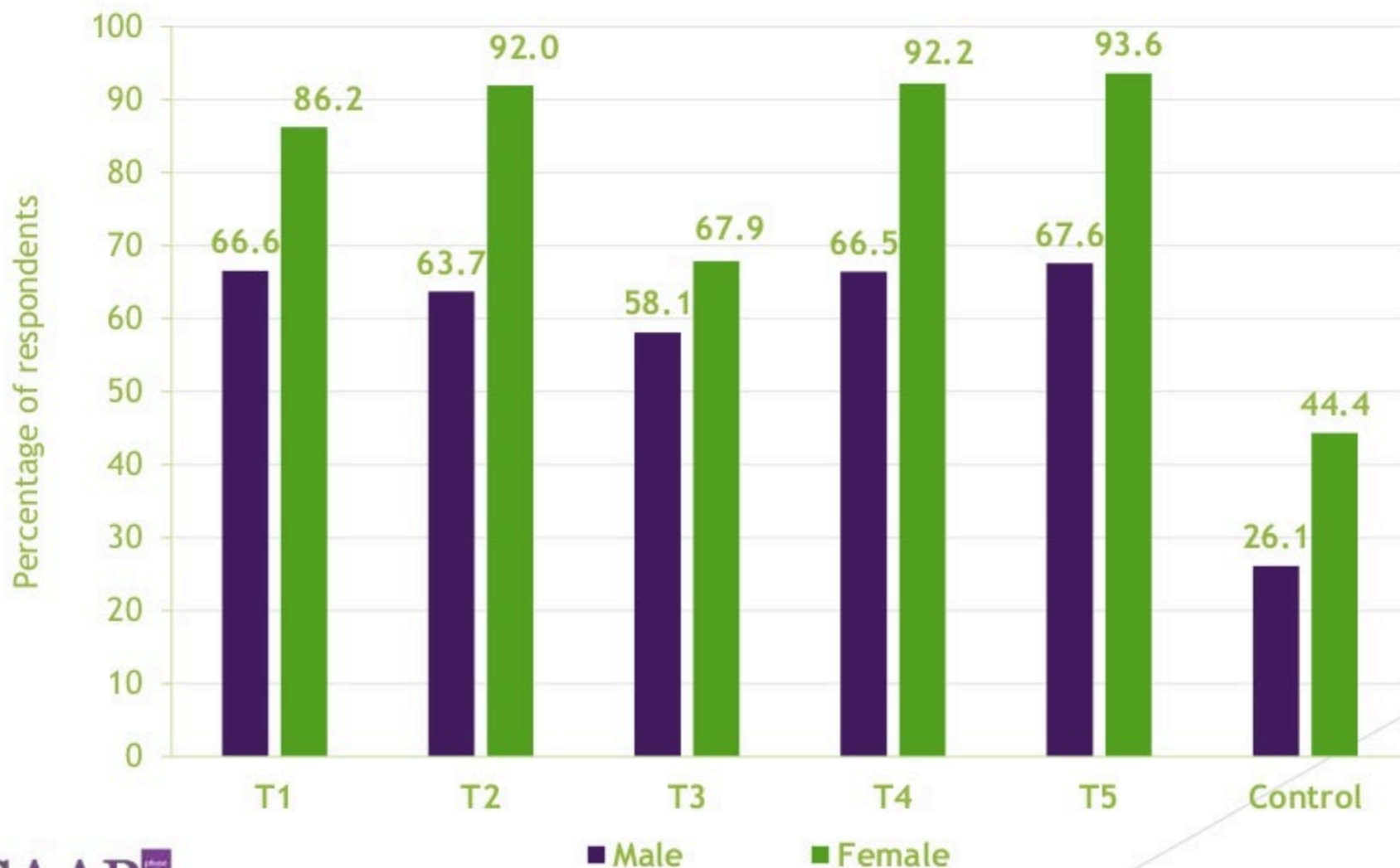
RCT with 5 interventions delivered to both men and women in farm HHs over 17 months:

- ▶ T1: Nutrition BCC (DAE)
- ▶ T2: Nutrition BCC (trained community women, or *ANGeL Pushti Kormi*)
- ▶ T3: Agriculture Production (DAE)
- ▶ T4: Agriculture+Nutrition (DAE)
- ▶ T5: Agriculture+Nutrition+Gender (DAE and HKI)
- ▶ C: Control

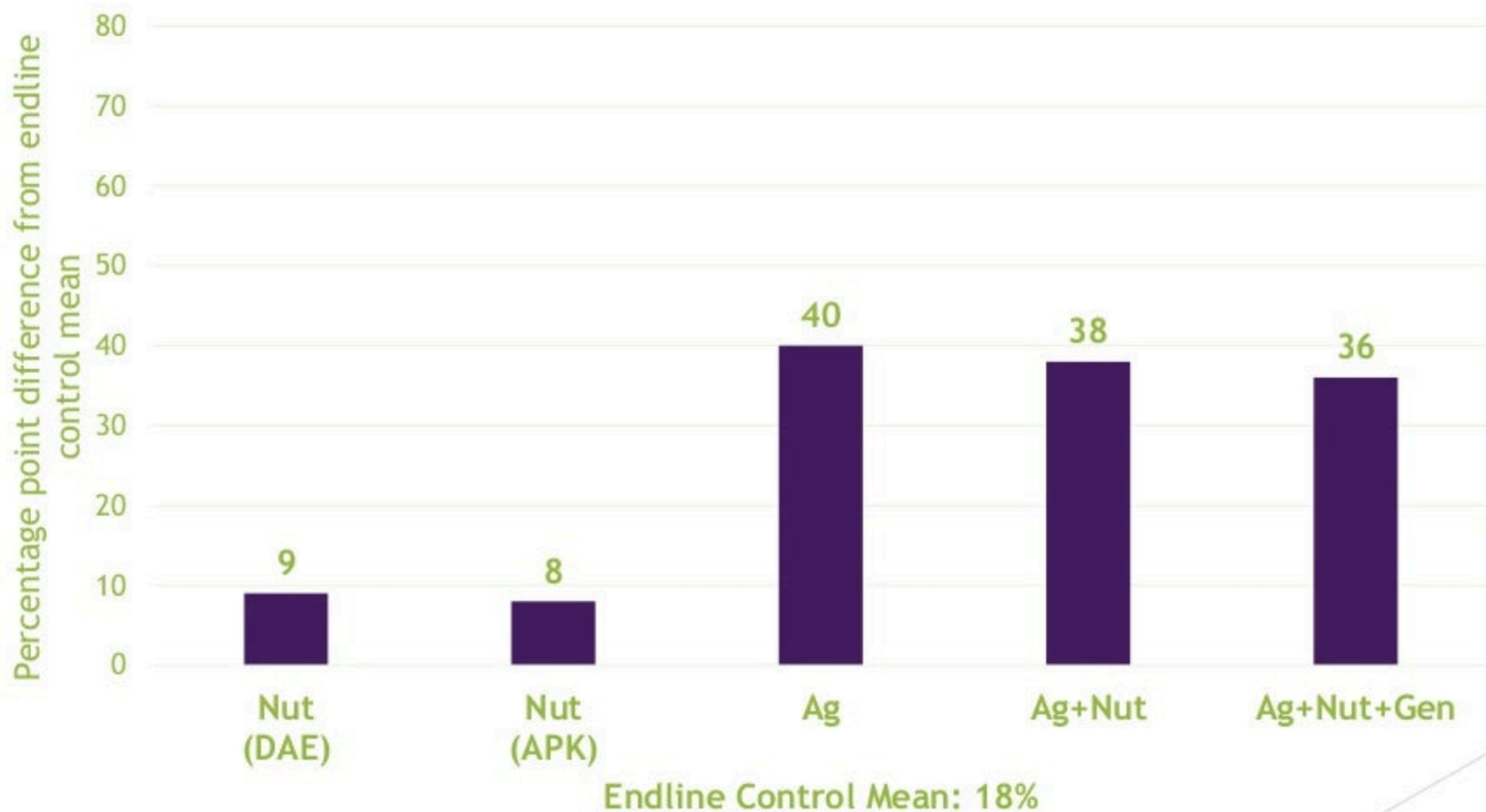


All interventions Statistically Significantly Improved Nutrition Knowledge, with Women Outperforming Men

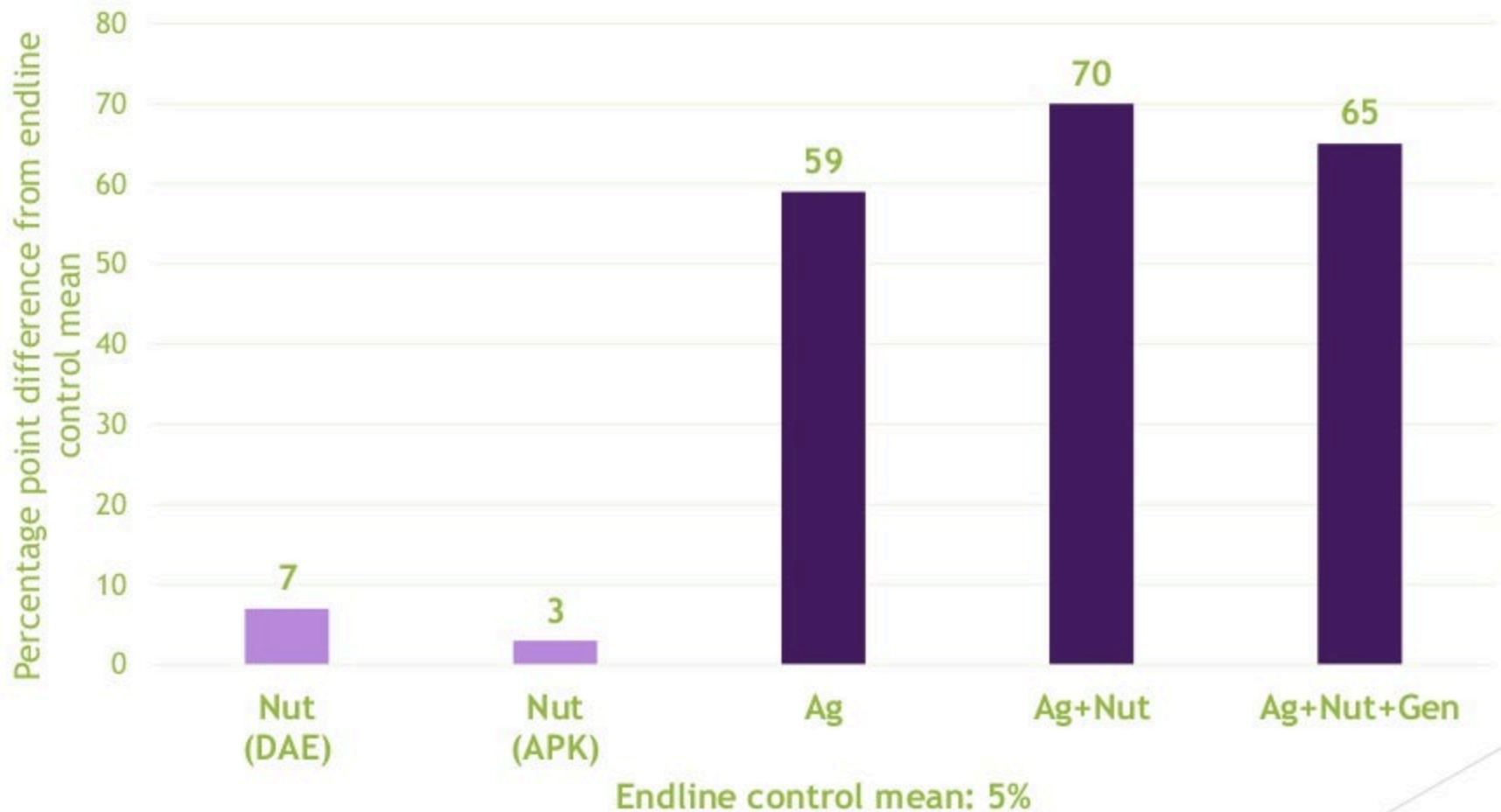
Respondents correctly answered 75% of nutrition questions obtained from training



Men's agricultural production knowledge improved, especially for interventions with agriculture training (All impacts statistically significant)

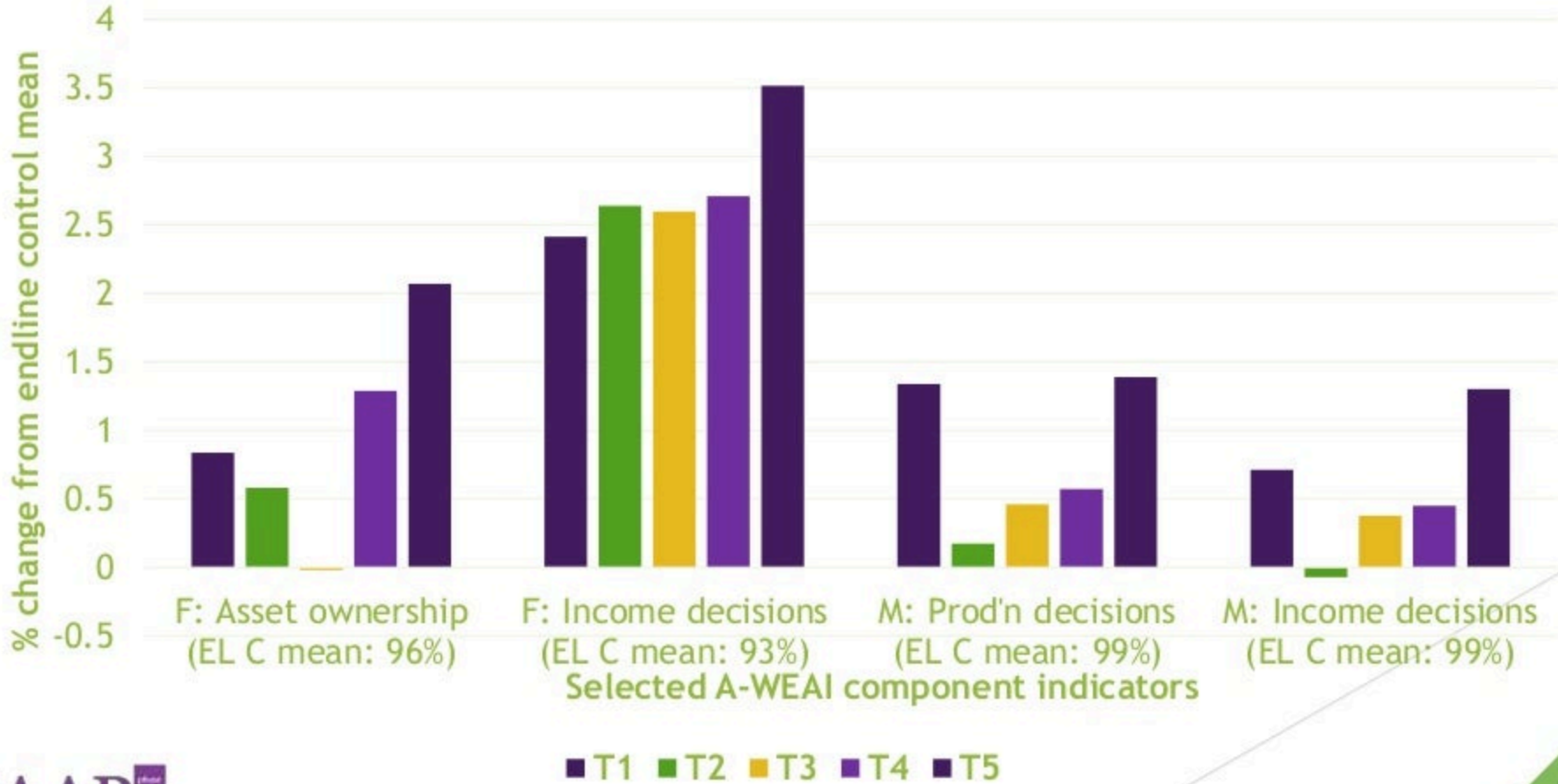


...But impacts on women's agricultural production knowledge are even greater
(T3, T4 and T5 impacts statistically significant)



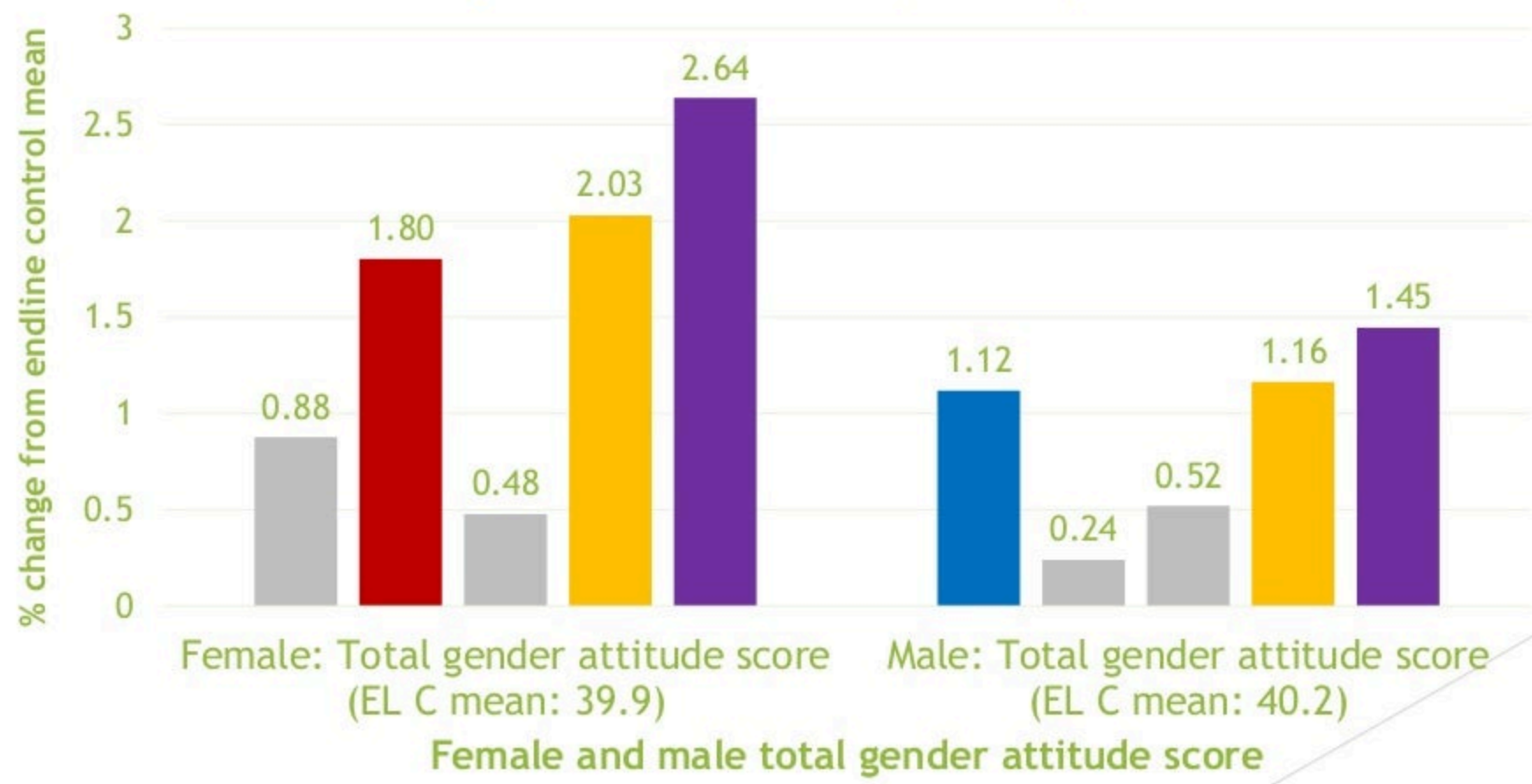
Women became more empowered in asset ownership & income decisions. Men became more empowered in production & income decisions

ANCOVA impacts of ANGeL treatment arms on selected A-WEAI component indicators (where significant impacts are found)



Significant improvements in women's and men's total gender attitude scores, particularly from T5

Single-difference impacts of ANGeL treatment arms on total gender attitude score (out of 50)





Improved relationships and joint decisionmaking

“As my son fell in love and got married [without my consent], I didn’t accept his wife. I sent them out of house. They have two children and I have never seen their faces. For the last 13 years, I didn’t talk with them. But, after attending six ANGeL sessions, I realized my mistake and feel how wrong I was! Now we are talking to each other and have a lovely relationship between us.”

Conclusions

- ▶ Women consistently learned more and applied more improved agriculture and nutrition practices than men who attended the same trainings.
- ▶ Training men and women together creates a mutually supportive environment of learning.
- ▶ Integrated programming that includes gender sensitization is effective in empowering women and men.
- ▶ Helen Keller International's *Nurturing Connections* curriculum was effective in changing attitudes on gender for men and women
- ▶ In January 2019, the Ministry of Agriculture committed to scale up ANGeL nationally - rolling out the combination of 3 interventions that were most effective: trainings to men and women in farm households on agriculture, nutrition, and gender.

We would like to acknowledge all CGIAR Research Programs and Centers for supporting the participation of their gender scientists to the *Seeds of Change* conference.



RESEARCH PROGRAM ON Policies, Institutions, and Markets



Collaborative Platform for Gender Research



Photo: Neil Palmer/IWMI



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