

REGREENING AFRICA ROUNDTABLE:

UNLOCKING LARGE-SCALE
LAND RESTORATION PRACTICES,
APPROACHES, AND BENEFITS
IN SUB-SAHARAN AFRICA



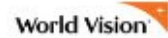
13:00-17:00 EAT



6 SEPTEMBER 2022



VIRTUAL AND LIVE STREAMED



Monitoring Evaluation and Learning (MEL):
Tesfaye Woldeyohanes, Karl Hughes, Hilda Kegode, and Ibrahim Ouattara

Exposure and uptake of regreening practices, and next step for impact evidencing and learning – outline



MEL's activities and approach



Uptake evidence using regreening action index



Exposure to regreening practices



Key messages and next step



The uptake of different regreening practices

Activities and approach to track performance and measure the impacts

Phase-in impact evaluation design

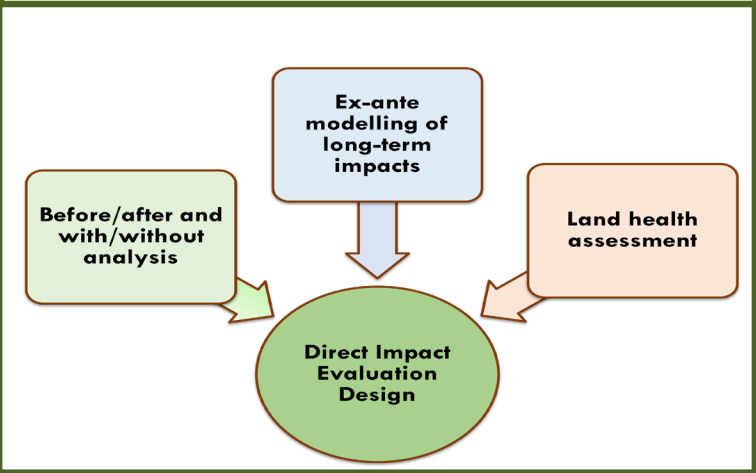
- Villages/village clusters randomly assigned to be targeted in **year 1** and **year 4**.
- This serve as **treatment** and **comparison** group

Data collection

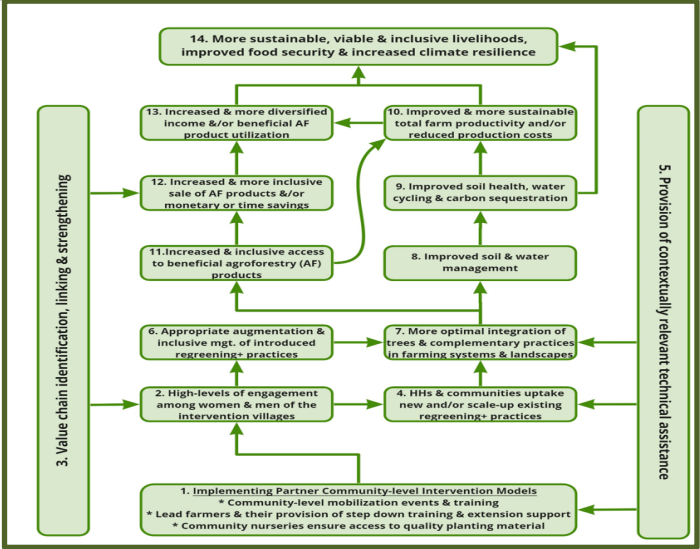


- Household surveys
- Geo tagged field polygons
- Village level KII and
- Individual expert KII

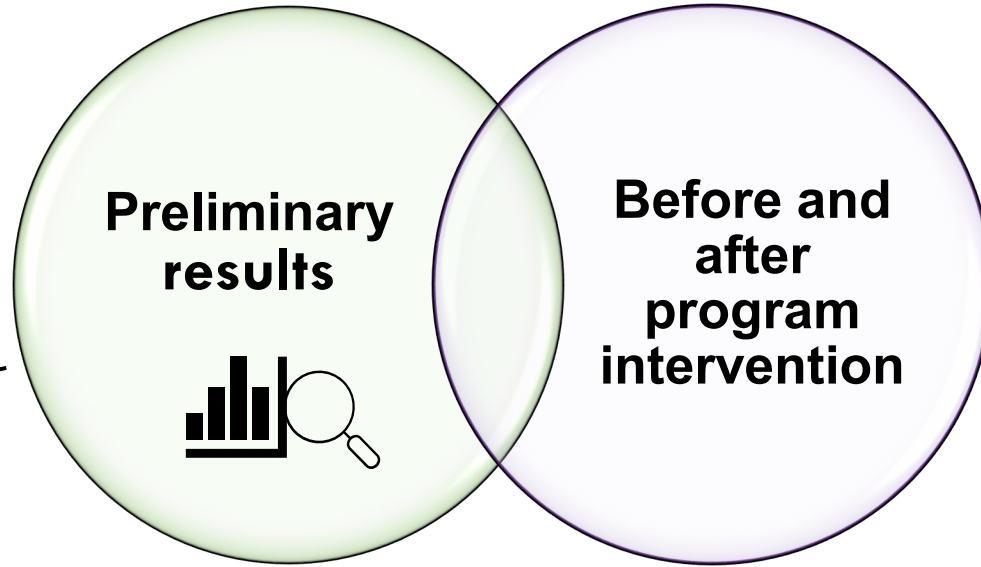
Overall impact assessment approach



A comprehensive program theory of change



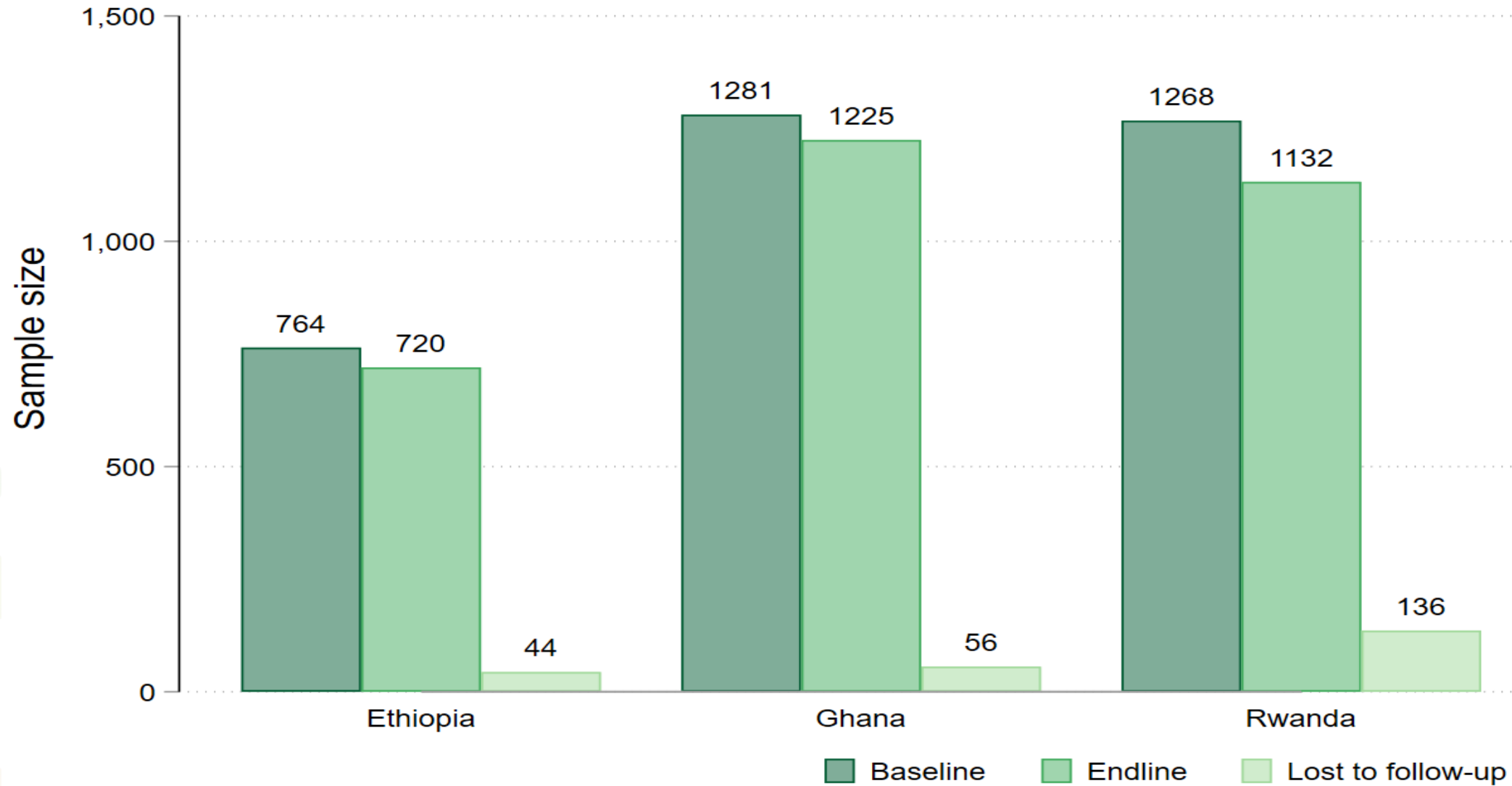
The preliminary results are for Ethiopia, Ghana and Rwanda



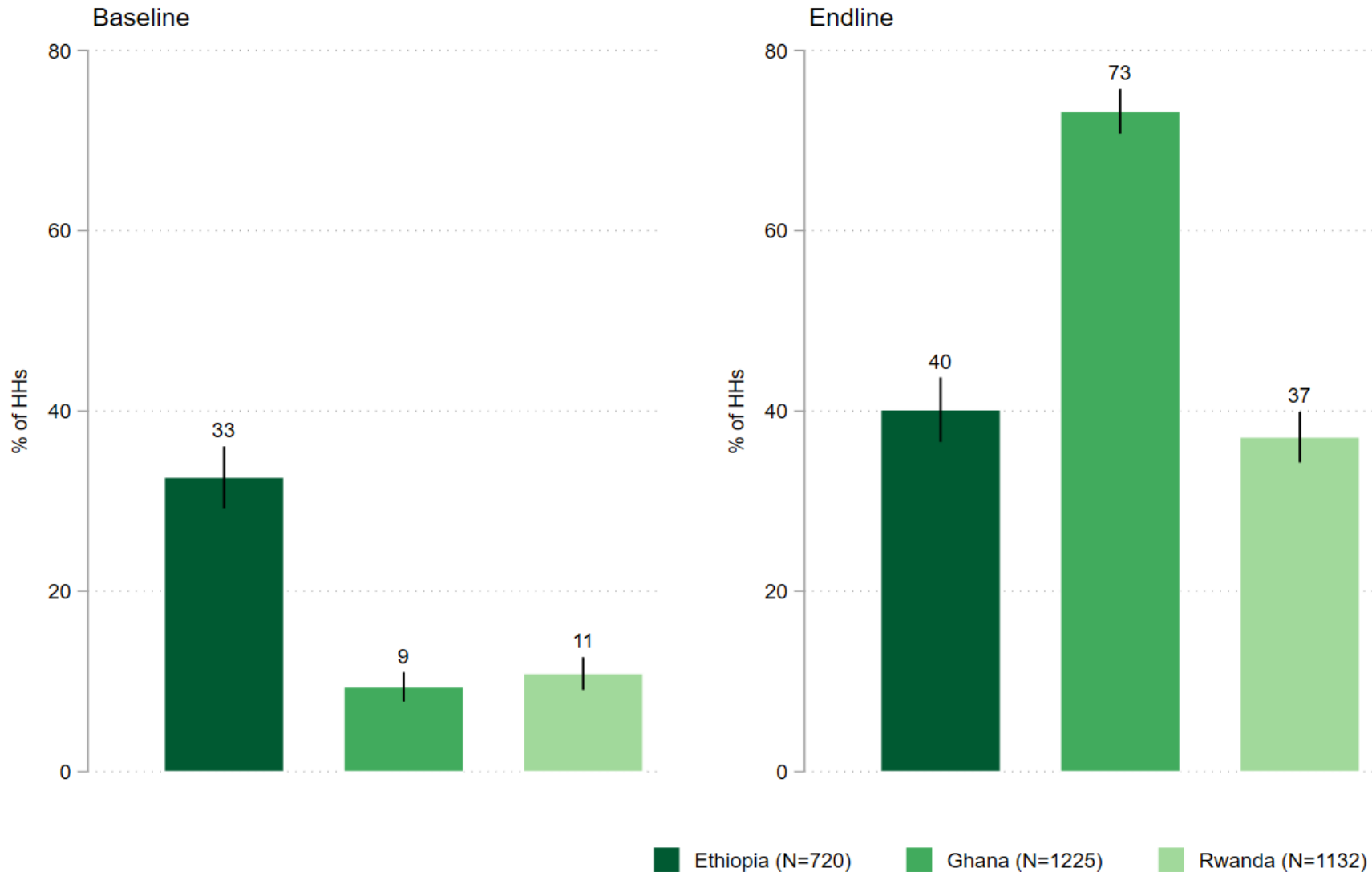
No significant difference between Year 1 and Year 4 sites

Data

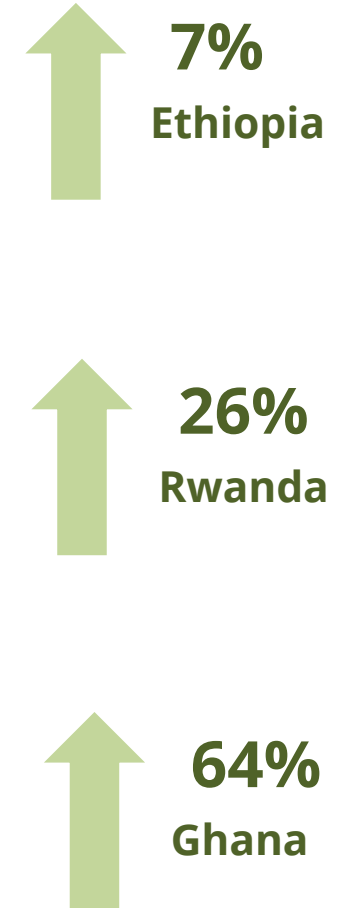
- 574 HHs in Ethiopia not included in the endline survey



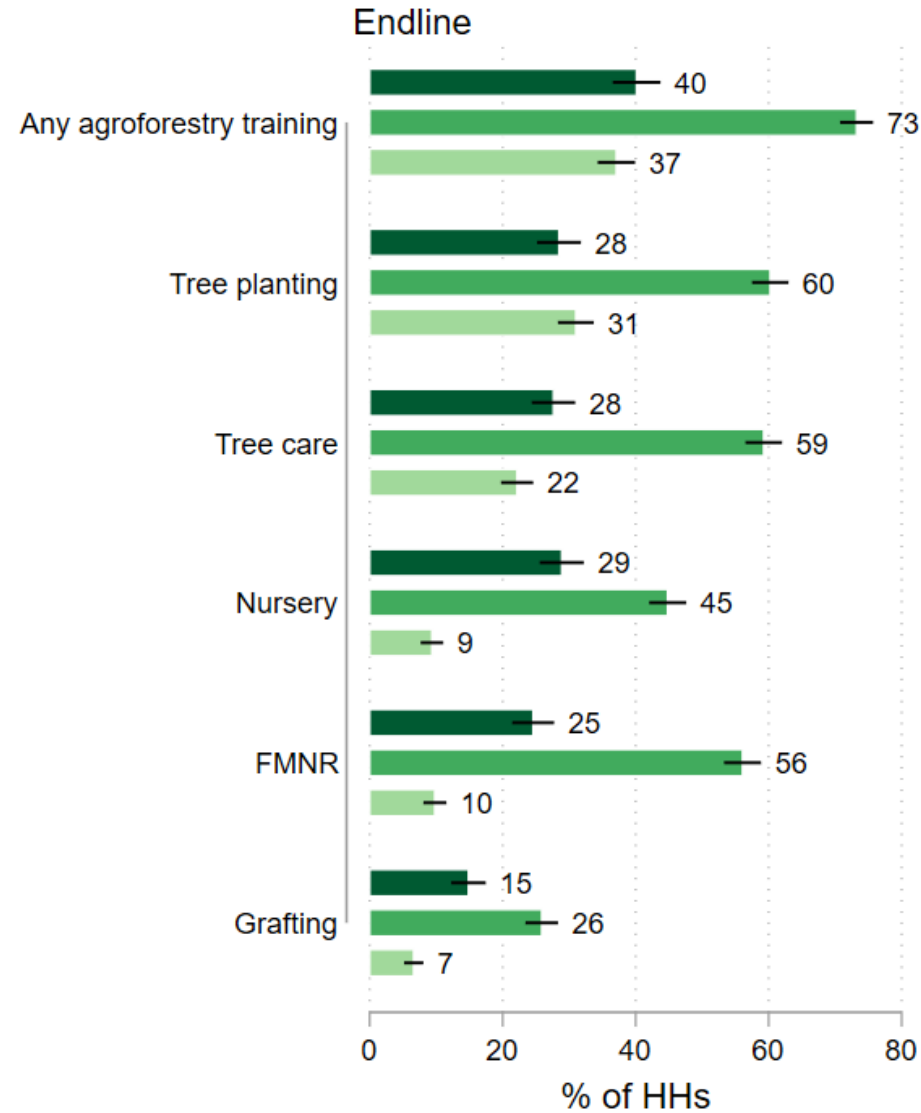
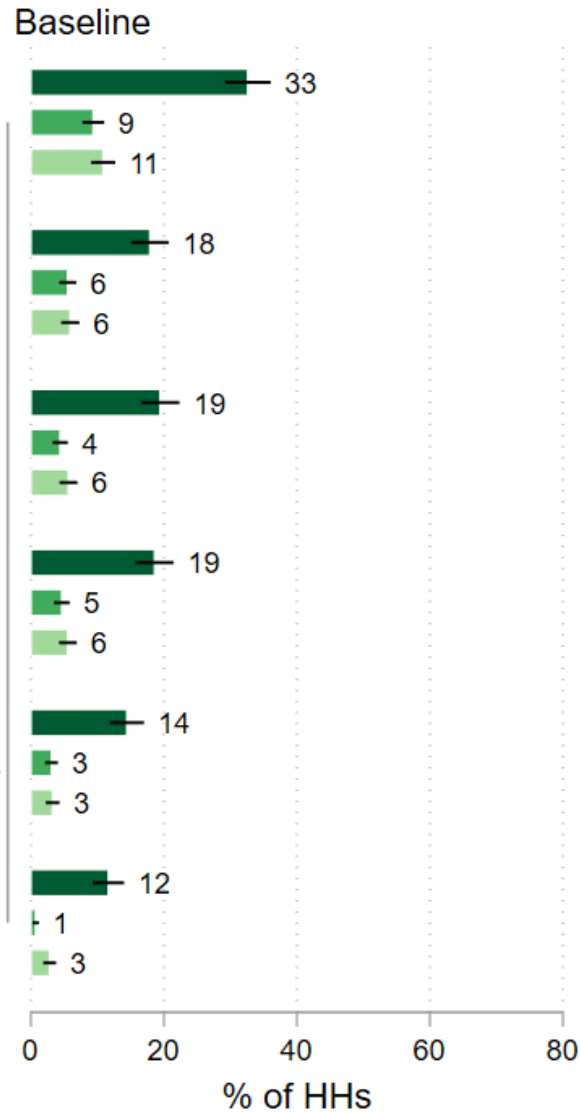
Exposure: Households (HHs) reached through different advisory support models



Increased exposure

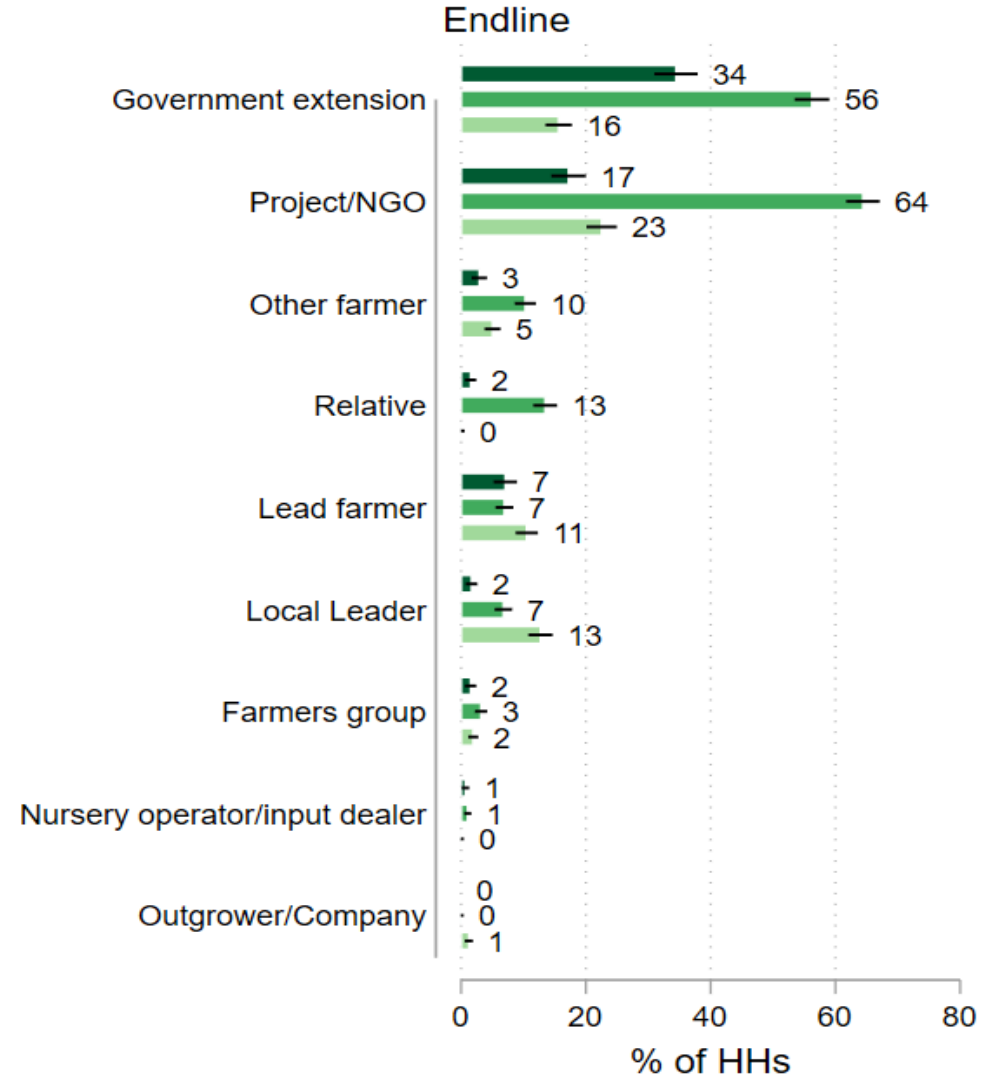
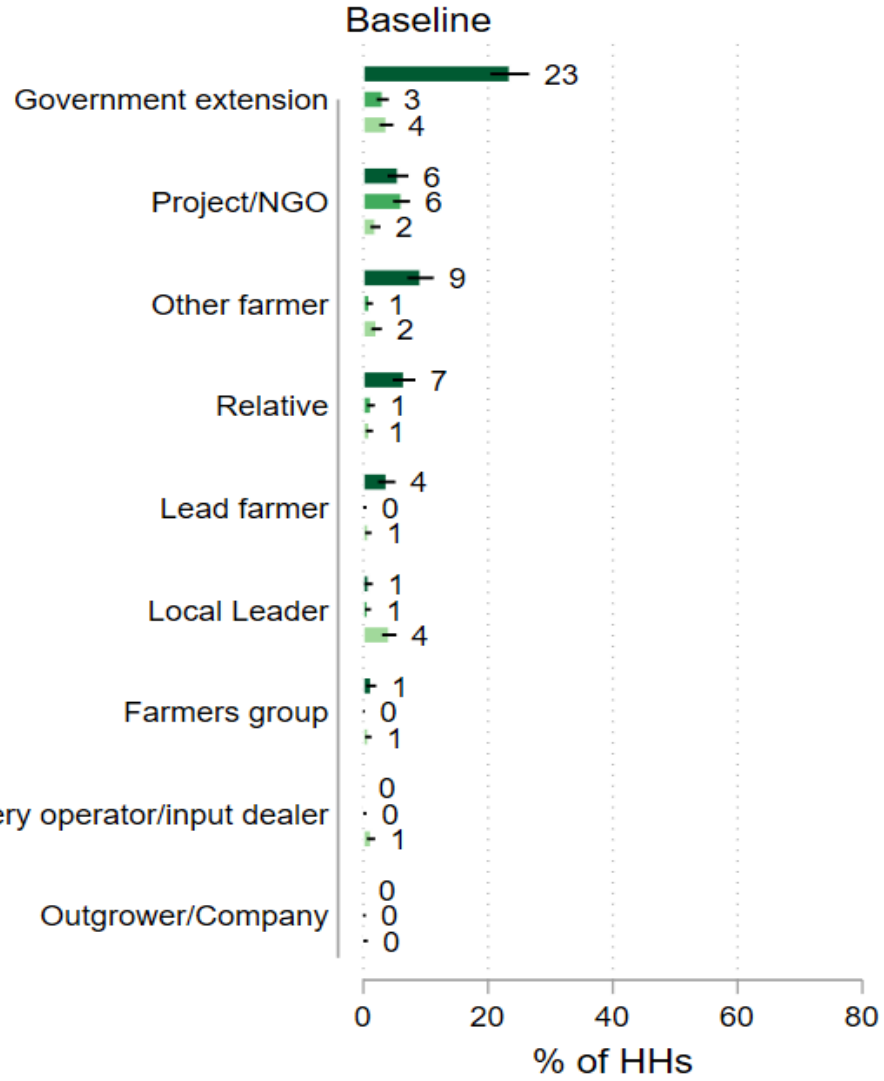


Types of external assistances provided



- Tree planting
- Tree care & management
- FMNR

Source of regreening practice related external assistance



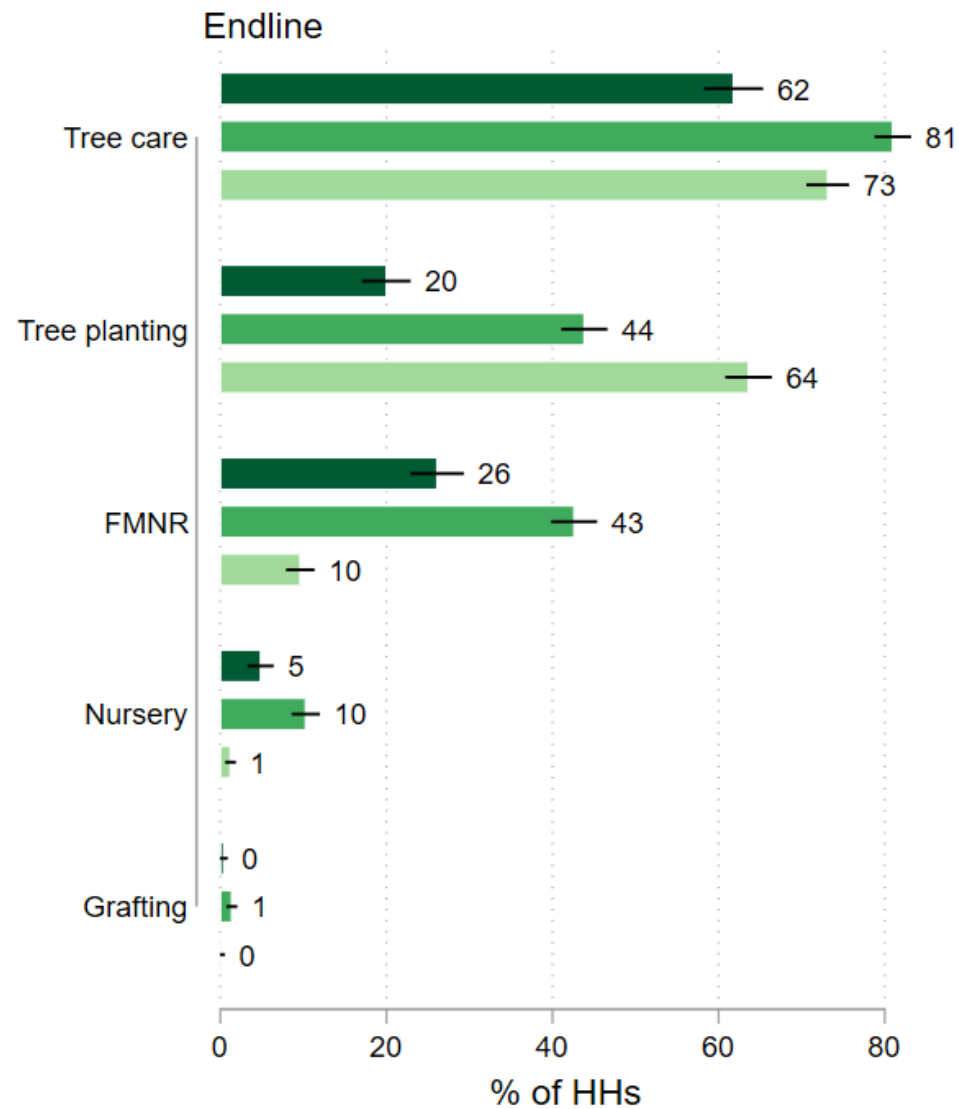
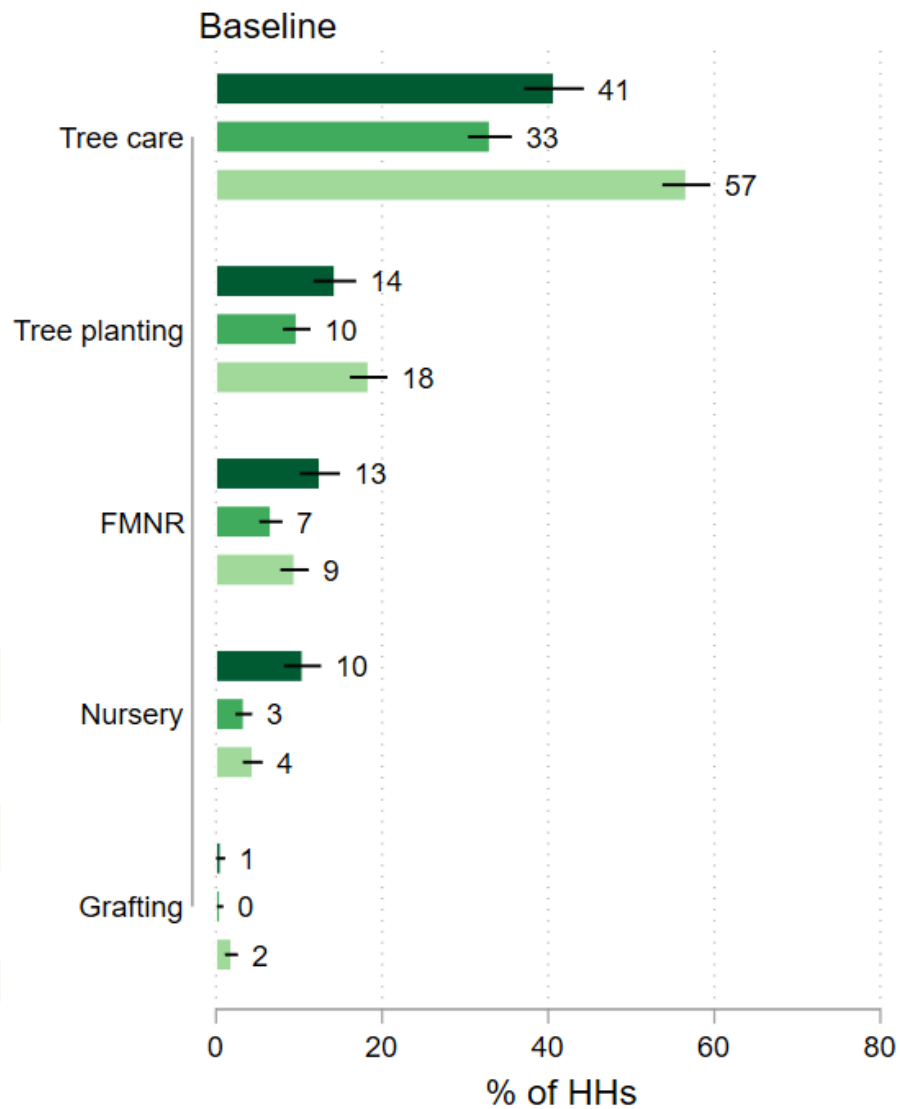
- **Government extension**
- **Project/NGO**
- **Lead farmer**
- **Local leader**

■ Ethiopia (N=720)

■ Ghana (N=1225)

■ Rwanda (N=1132)

Uptake of different regreening practices

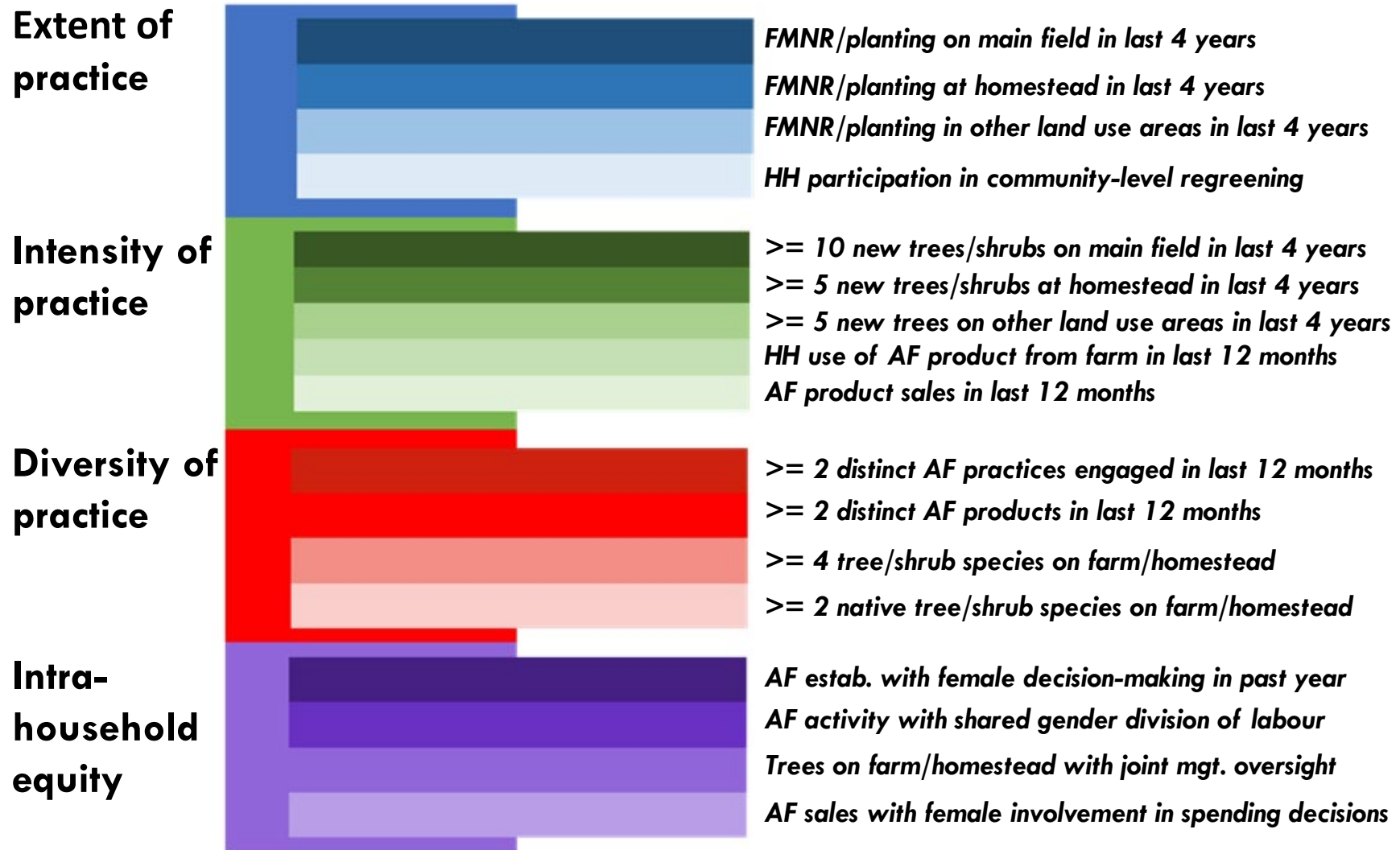


46%
Planted tree
in Rwanda

36%
FMNR in
Ghana

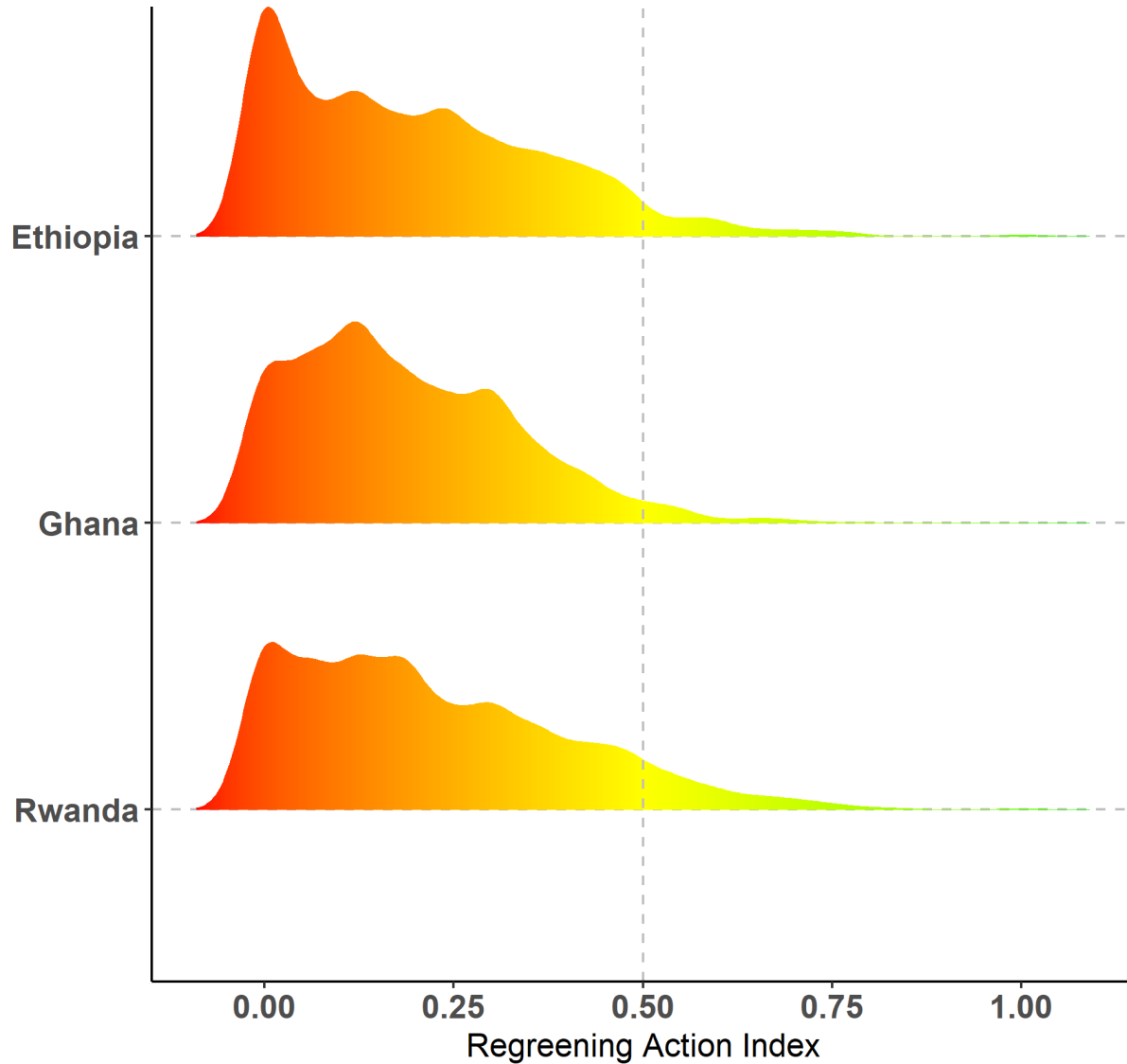
13%
FMNR in
Ethiopia

Regreening Action Index: dimensions & indicators

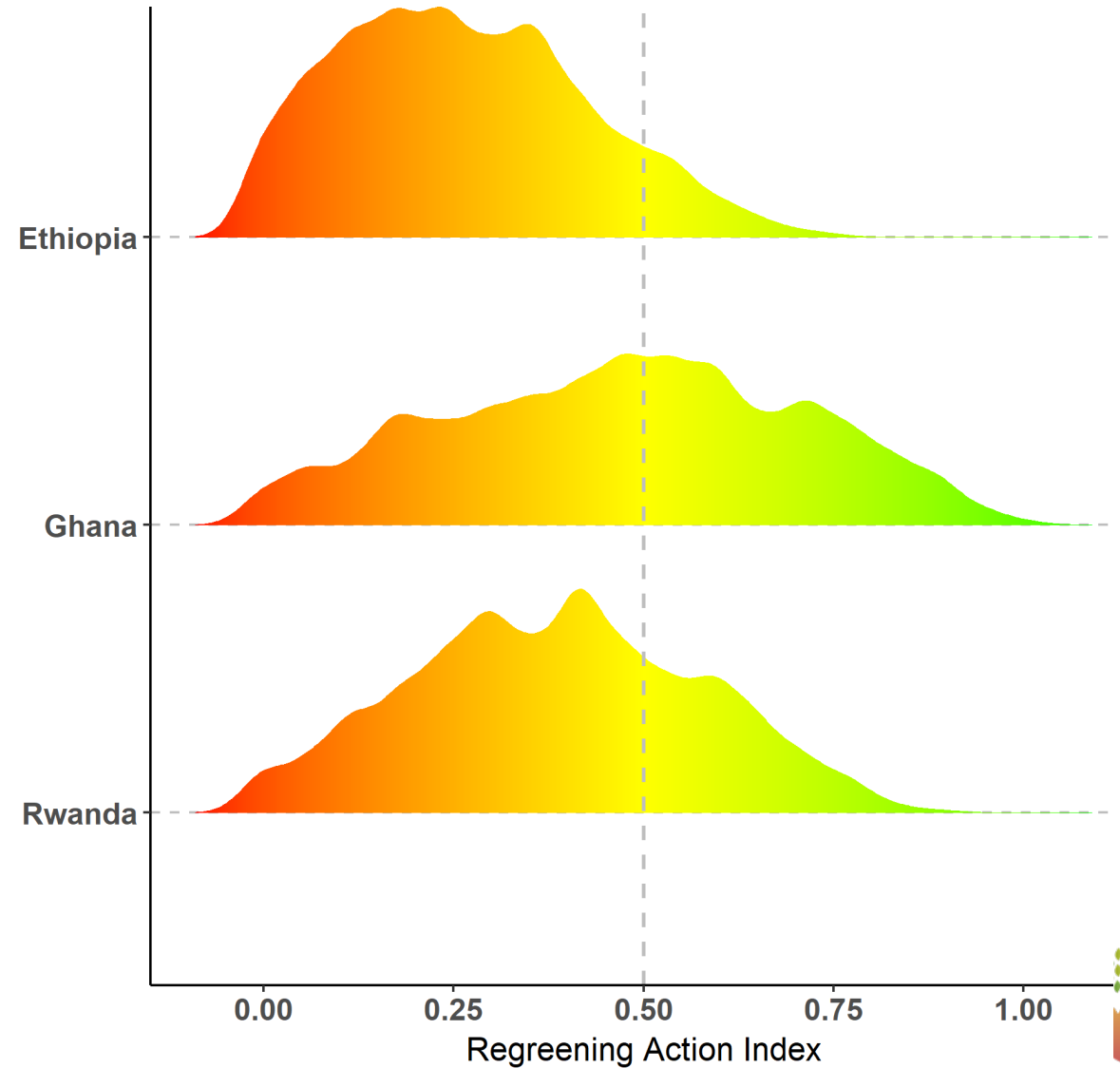


The change in Regreening Action Index compared to the baseline

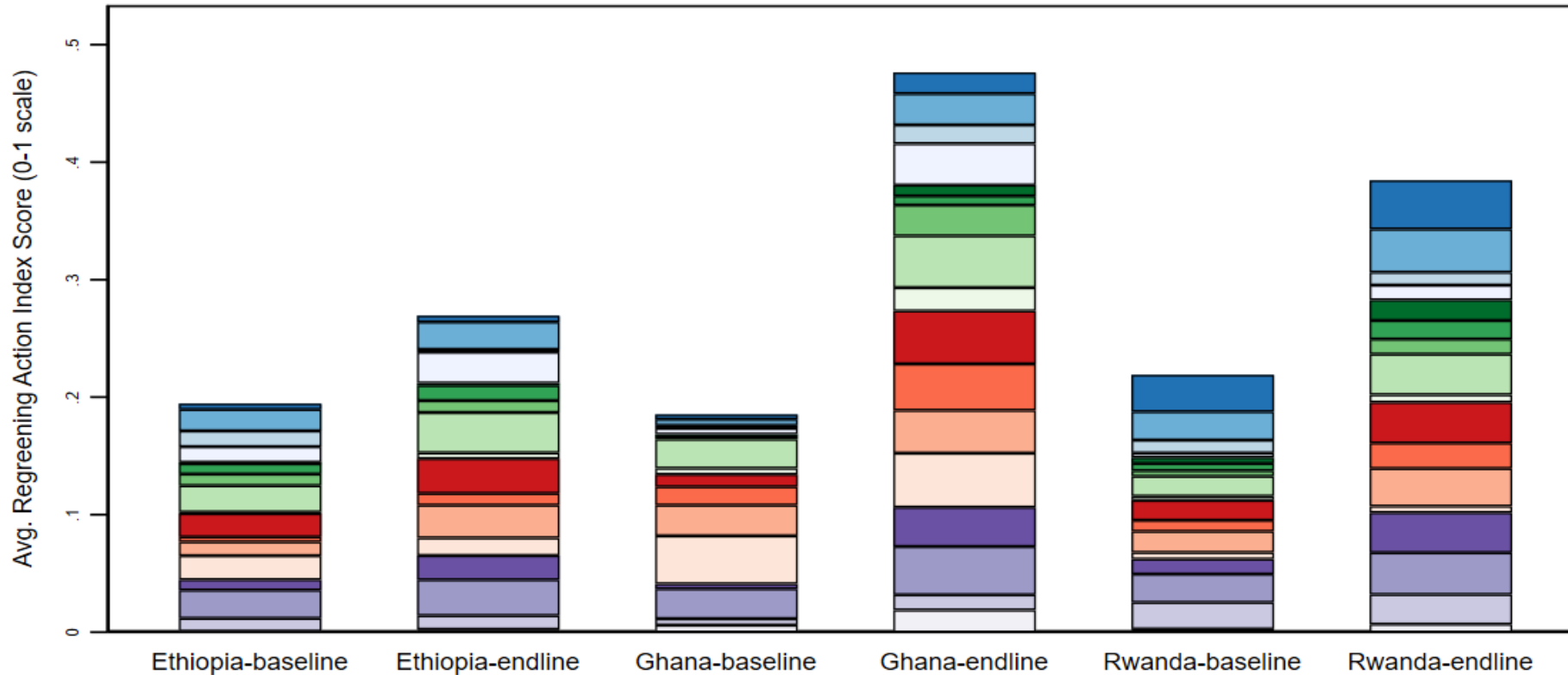
(a) Baseline



(b) Endline

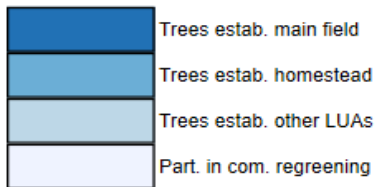


Change in Regreening Action Index and its dimensions

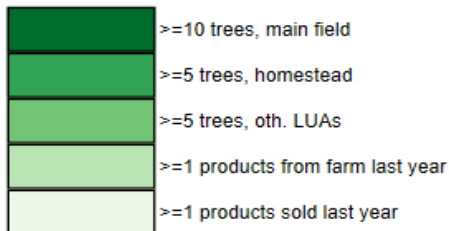


- Significant increase in all 4 dimensions
- Women involvement & agency increased, more so in Ghana

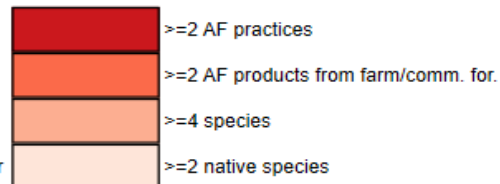
Extent of Practice



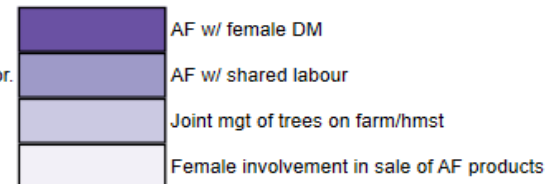
Intensity of Practice



Diversity of Practice



Intra-household Equity



Each stacked bar indicates the country's average score on the index, as well as the weighted contribution of each dimension and indicator. The greater the height of an individual sub-bar, the greater the indicator's contribution to the index.

AF = Agroforestry
DM = Decision Making
LUA = Land Use Area



Key messages and next step

- Exposure was significantly increased, and more farmers are engaged in land restoration practices compared to the baseline
- **Women's involvement** and **agency** in agroforestry practice have increased, specifically in **Ghana**
- **Modeling** of expected longer-term gains in **total farm income** for farmers underway as well as triangulation and enriching the results through **remote sensing**.



Thank You! Merci! Asante!

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