

EVIDENCING THE EXPOSURE AND ADOPTION OF REGREENING INITIATIVES AND LESSONS LEARNED



OBJECTIVE & APPROACH

The objectives

- Assess program's progress towards its intended objectives
- Estimate program's impact on various environmental and socio-economic outcomes
- Drive lessons for future restoration projects

Phase-in impact evaluation design

Beneficiaries enrolment

YEAR 1
(Treatment)

YEAR 4
(Comparison)

Overall impact assessment approach

Land health assessment

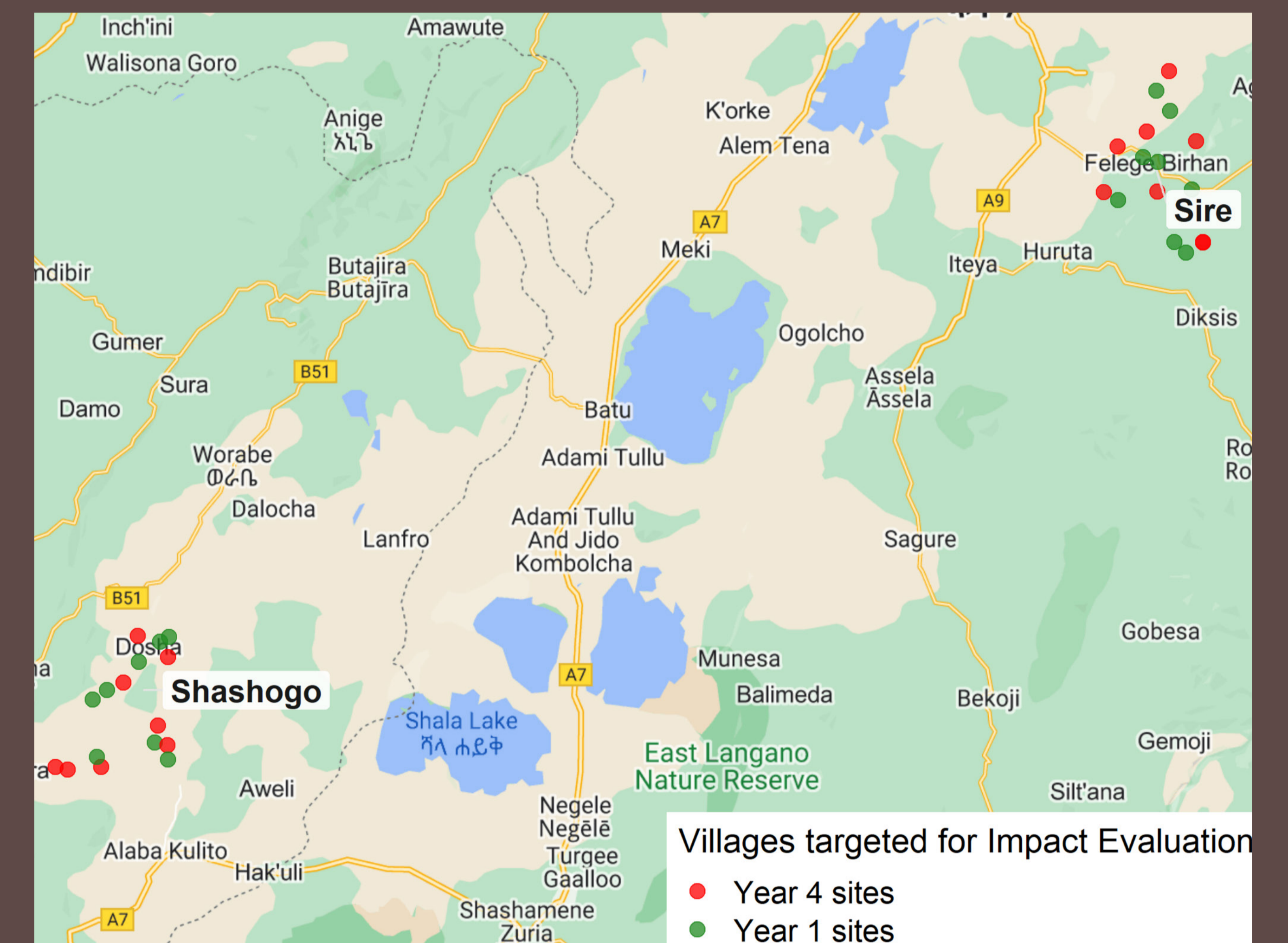
Ex-ante modelling of long-term impacts

before/after and with/without analysis

Direct Impact Evaluation Design

- Household surveys (720 HHs from Sire and Shashogo)
- Geo tagged field polygons
- Village level KII (32) and
- Individual expert KII (9)

Data

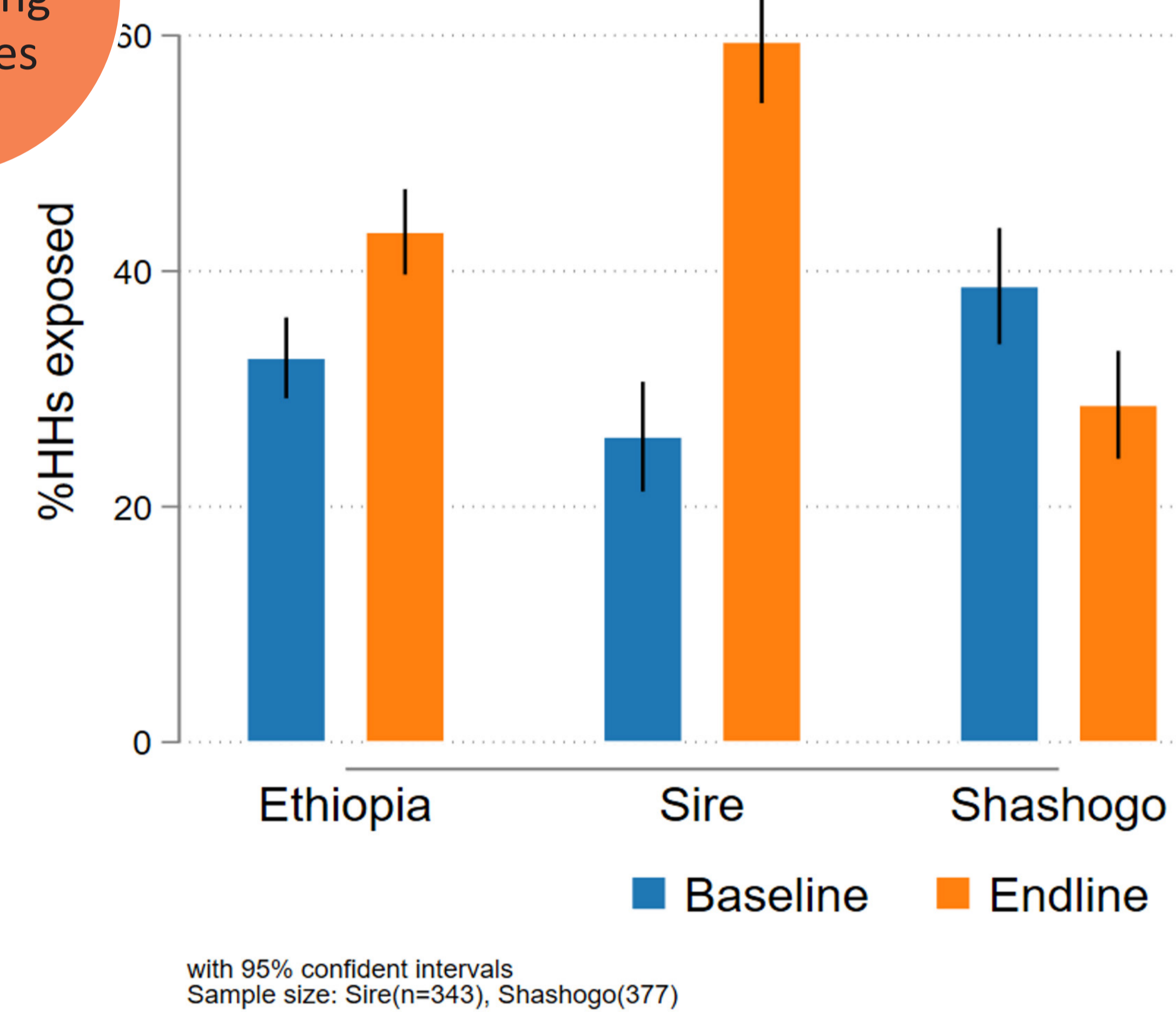


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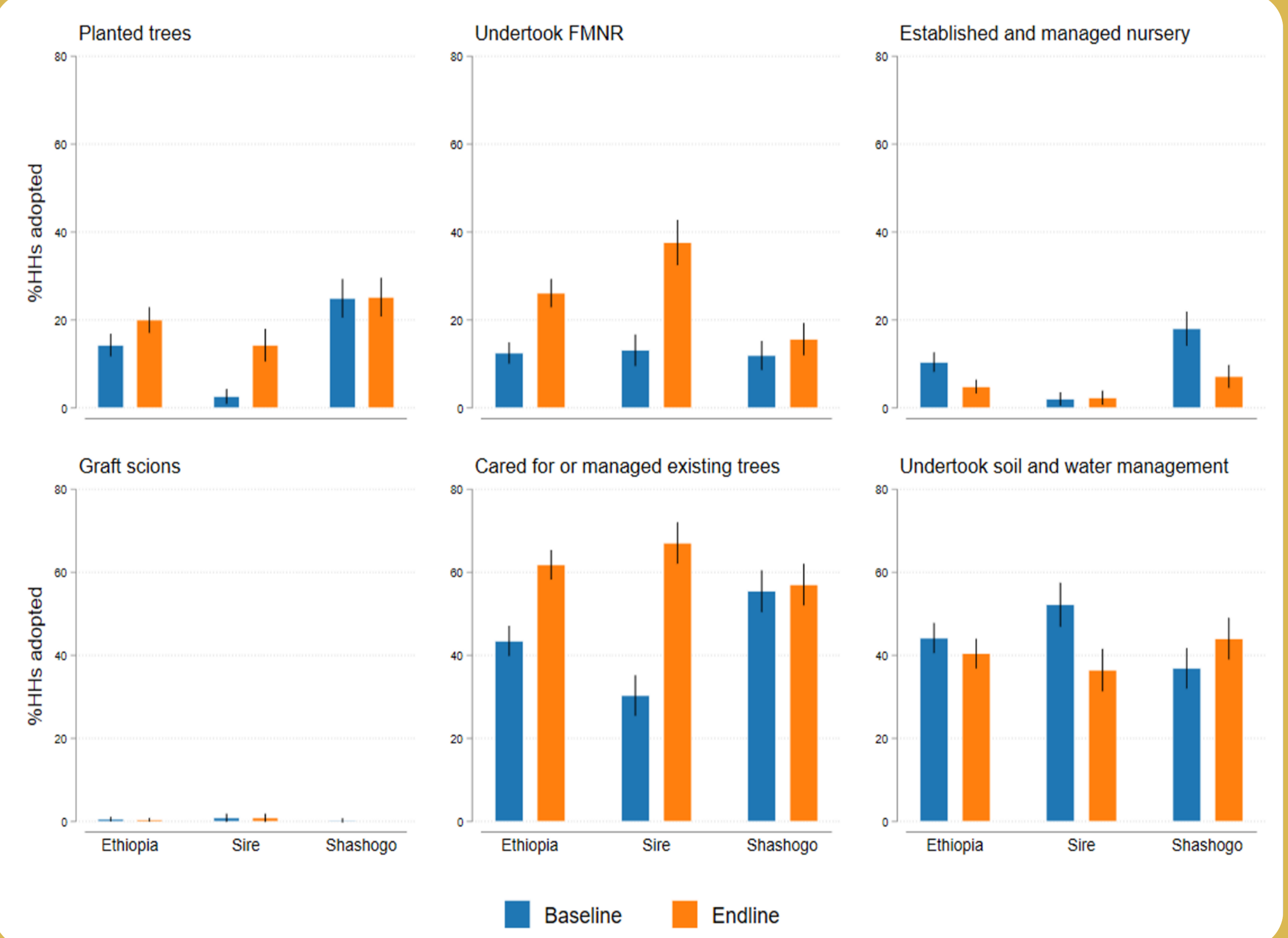
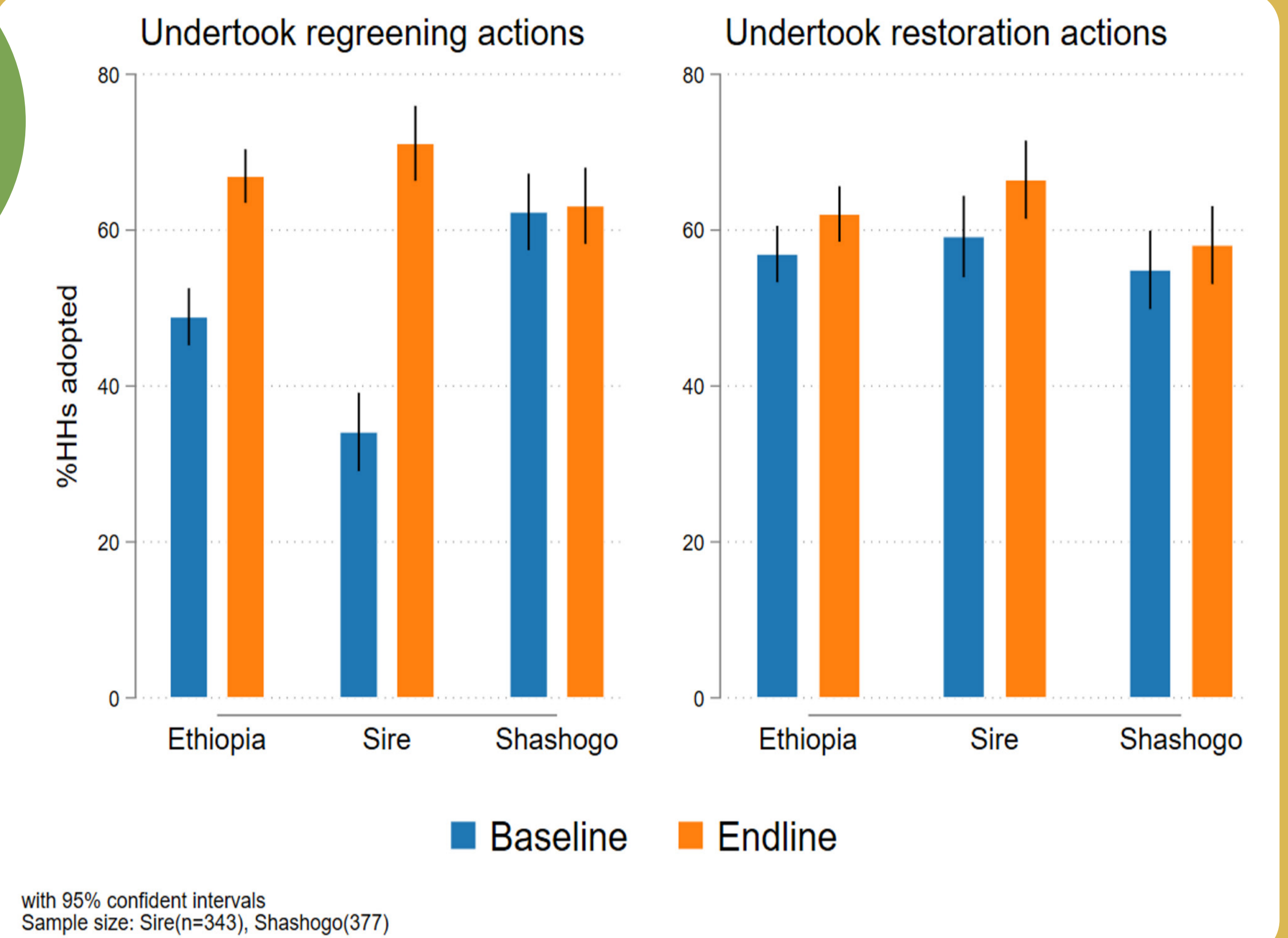
KEY RESULTS AND DISCUSSION

- Overall HHs exposure to regreening initiatives increased by 10%, 33% in sire.
- The uptake of regreening actions also increased by 18% relative to the baseline, more than double for Sire.
- Tree planting, FMNR and Care& Management of existing trees widely practiced.
- Low level of adoption rate for nursery and tree grafting are less preferred.

Exposure to regreening initiatives

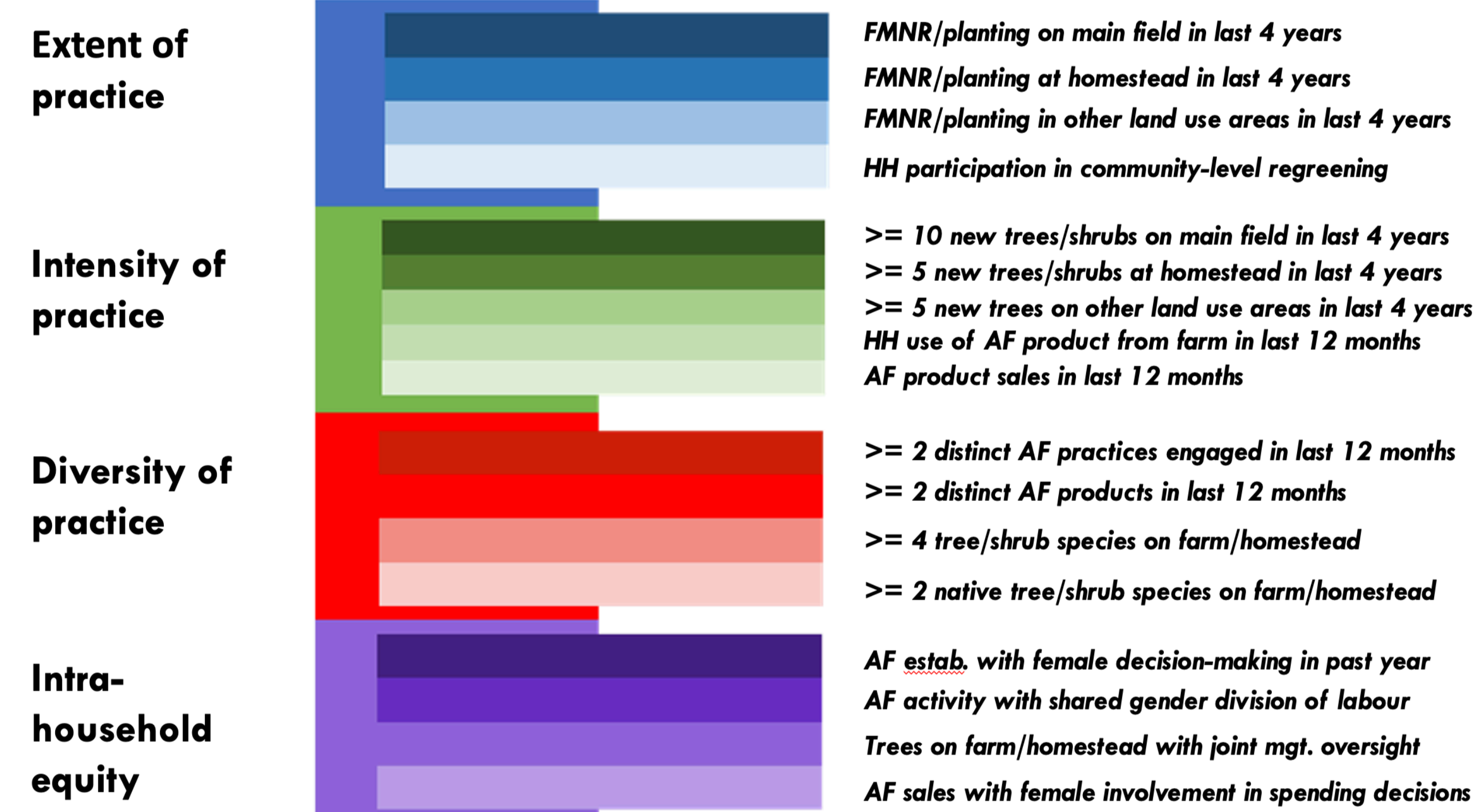


Uptake of regreening & restoration actions



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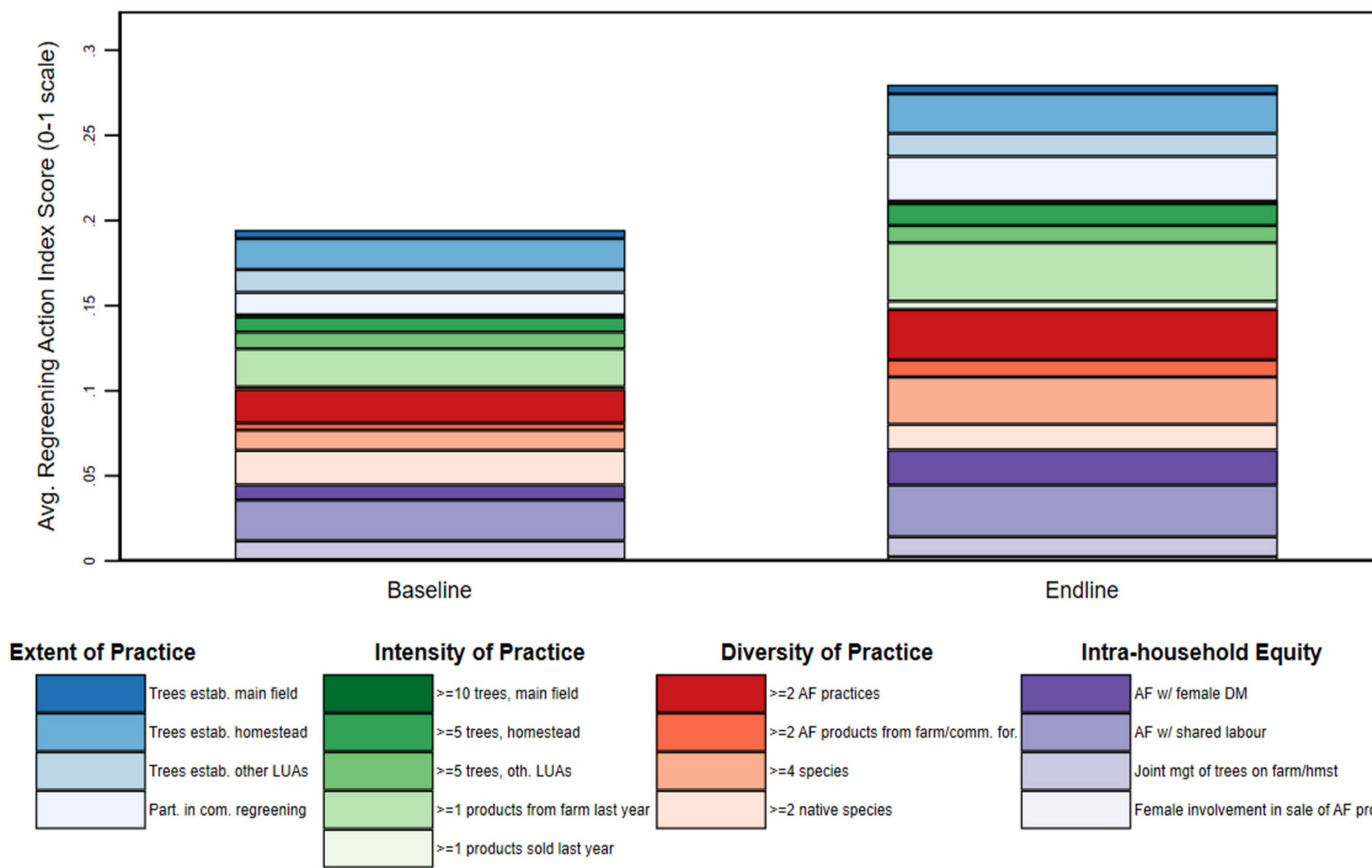
Intensity and extent of uptake using the Regreening Action Index



All the 4 dimensions increased relative to the baseline, especially the intensity and diversity of practices

Some HHs moved above 0.5 regreening action index point (dotted vertical line) at the endline

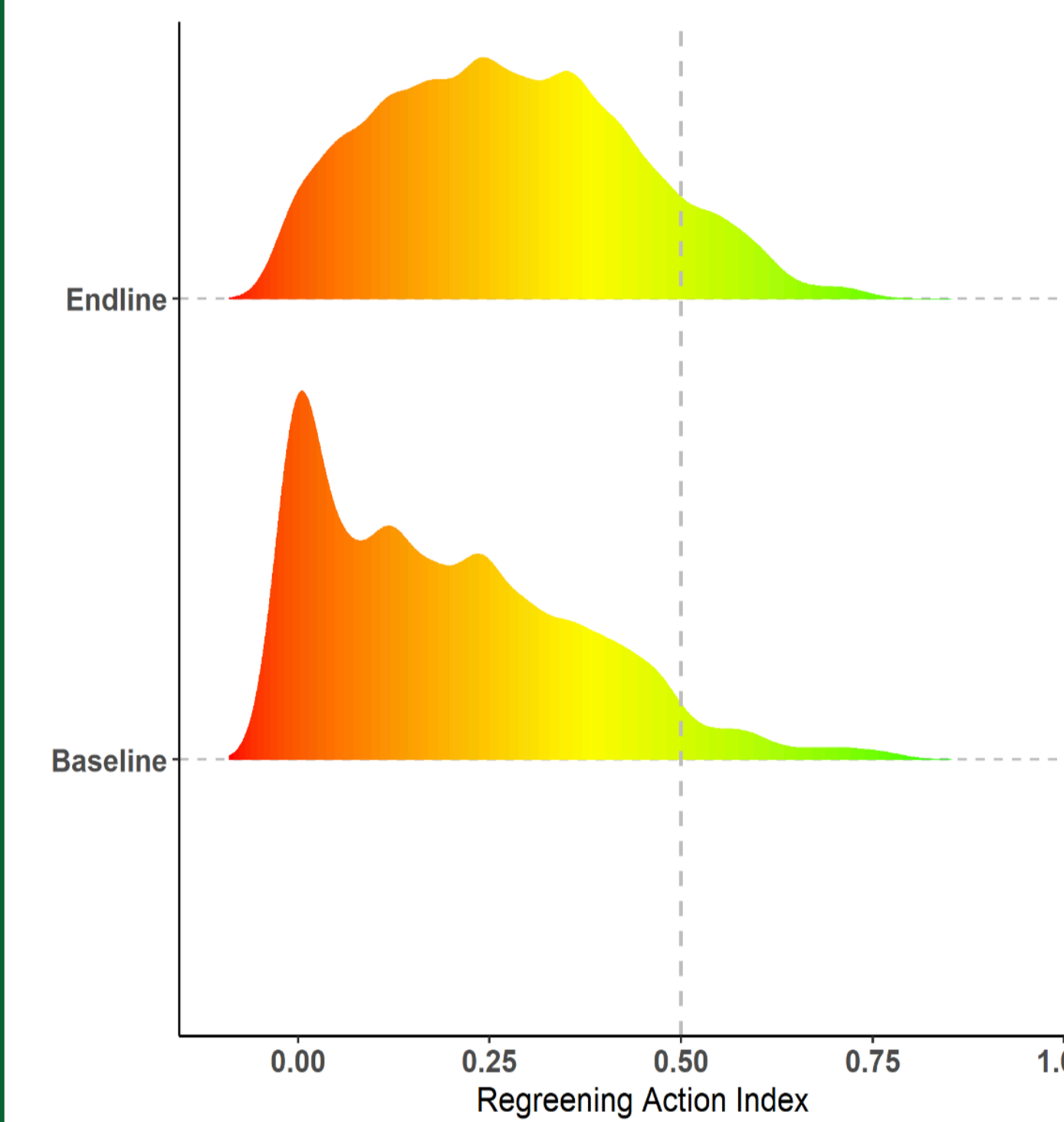
Regreening Action Index, baseline and endline surveys - Ethiopia



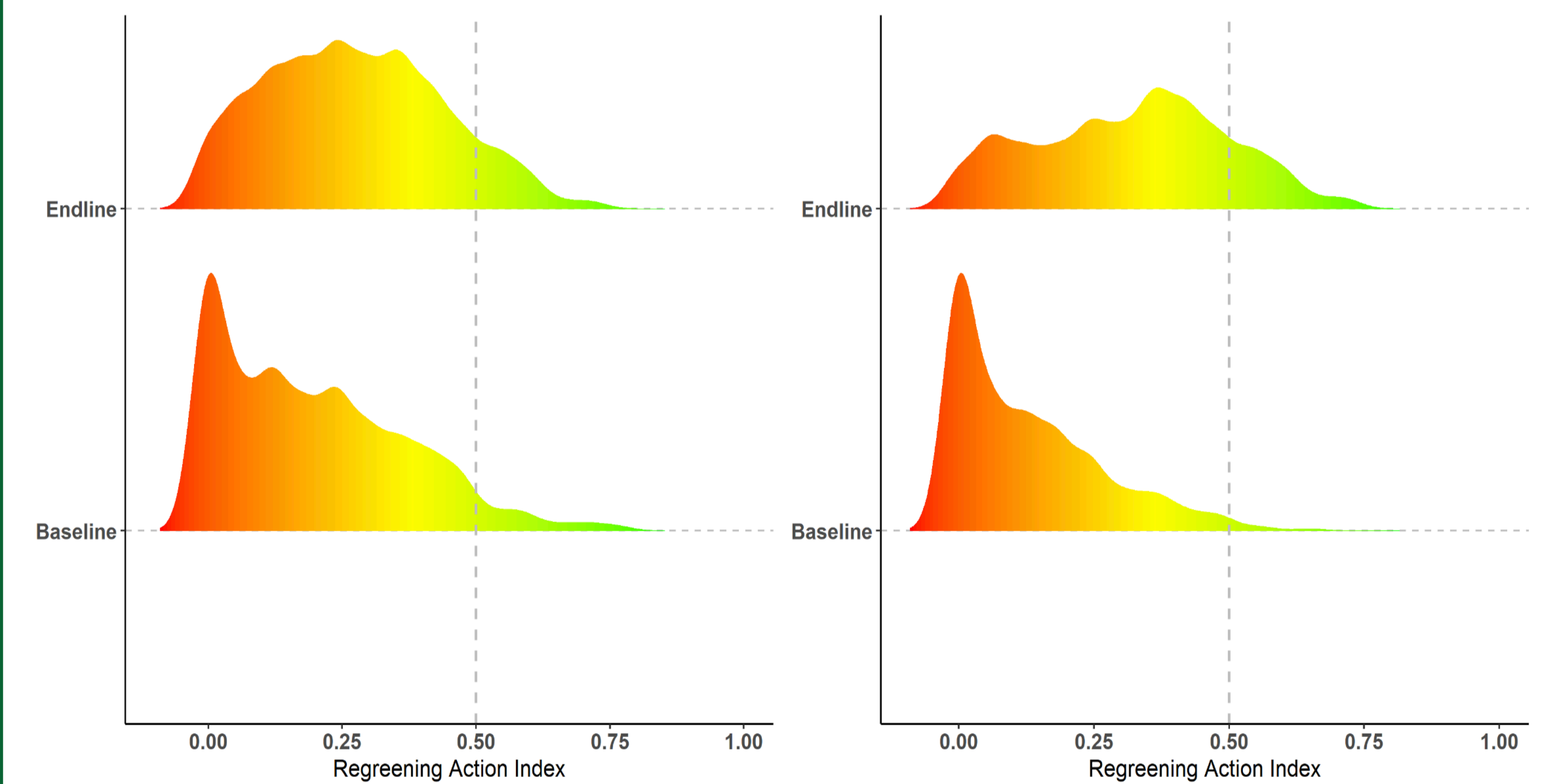
Each stacked bar indicates the country's average score on the index, as well as the weighted contribution of each dimension and indicator. The greater the height of an individual sub-bar, the greater the indicator's contribution to the index.

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


(a) Ethiopia




(b) Sire program area




CONCLUSION AND OUTLOOK




Exposure was considerably increased, and more farmers are **engaged in land restoration practices** compared to the baseline



Women's involvement and agency in agroforestry practice have increased, attention is required on how to improve income opportunity



Low level of adoption, e.g., **Nursery and grafting** which requires review the current scaling model for future engagements



Modeling of expected longer-term gains in **total farm income** for farmers is underway as well as triangulation and enriching the results through **remote sensing**