Measuring the Success of Soy in Northern Ghana

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Why Soy?

- **Nutrition**: Soy is a balanced food [40% Protein, 35% Carbs, 20% Fat, 5% other]

- **Economic Growth (household)**: Soy yields higher profits than maize/rice when grown properly

- **Economic Growth (industry)**: Growth of poultry and soy processing industries
The Problem: Success is Hard to Measure

- Macro soy production in Africa is a recent development

- Our data is relatively limited and disconnected

- The diversity of Africa’s terrains makes growing processes highly idiosyncratic
FinGap Ghana
The Solution: An Agricultural Index

- A simple, cohesive, and accurate indicator
- Analyze and integrate

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- Weight variables according to their importance in the production process
FinGap Ghana with Index
Benefits

- Ease of Use: More accessible data, more intuitive results
- Localized Results: Scores reflect development in the Ghanaian context
- Resource Allocation: Better fulfill the need of individual districts
Future Research

- Index comparisons: HDI, Gini Coefficient, etc.
- Include new variables for more robust analysis
- Formational precedent for soy development in other SSA countries
Thank You