



Channeling Suitable Investments for Agricultural Growth and Food Security

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Channeling Suitable Investments for Agricultural Growth and Food Security

A. Key Message

B. The PARI Approach:

1. Typology of Micro-regions for investment prioritization
2. Identification of Agronomic Innovations for technology intervention
3. Evaluation of Economic Impact of Innovations
4. Data infrastructure for program design, execution and monitoring

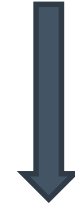
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Key Message

The Most Effective Way to Reduce Poverty is to Raise the Productivity
of Resources that Poor People Depend On for their Livelihood



Agricultural Land



Agricultural Labor

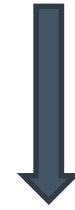
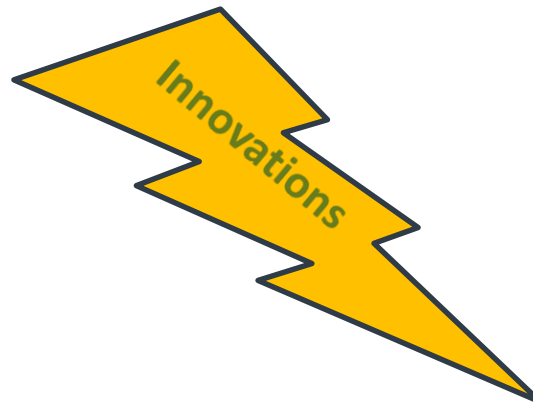
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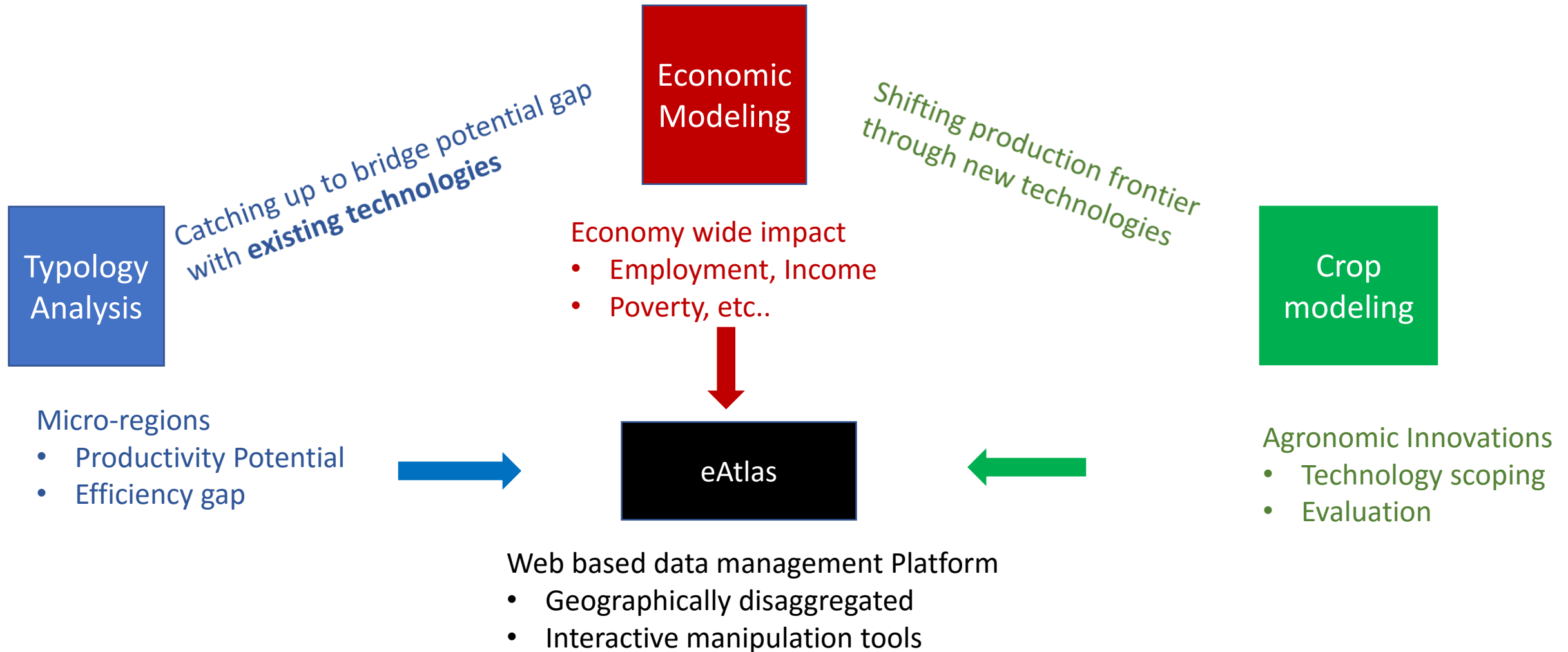
Agricultural Land



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The PARI Approach

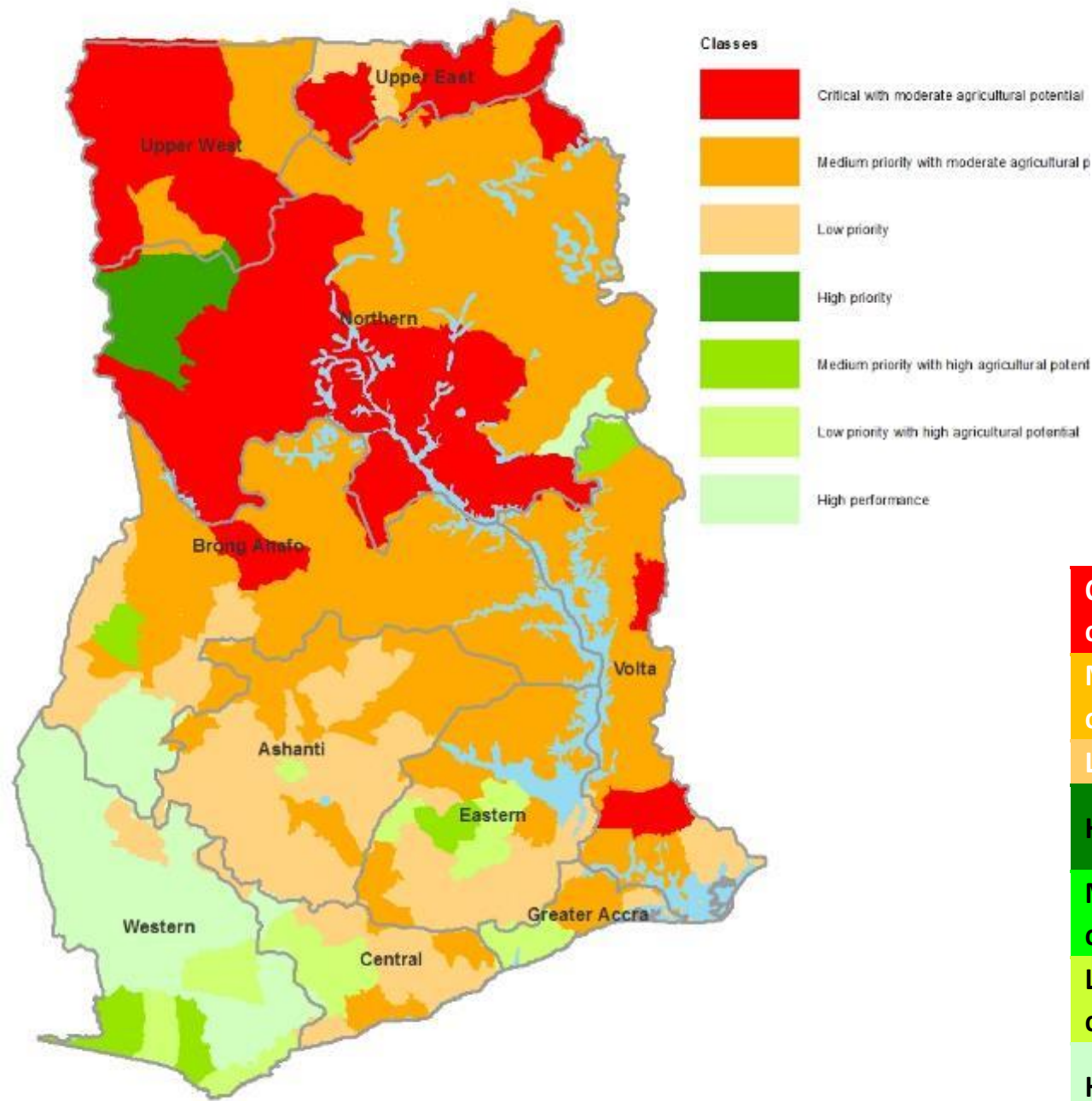


Typology Of Micro Regions

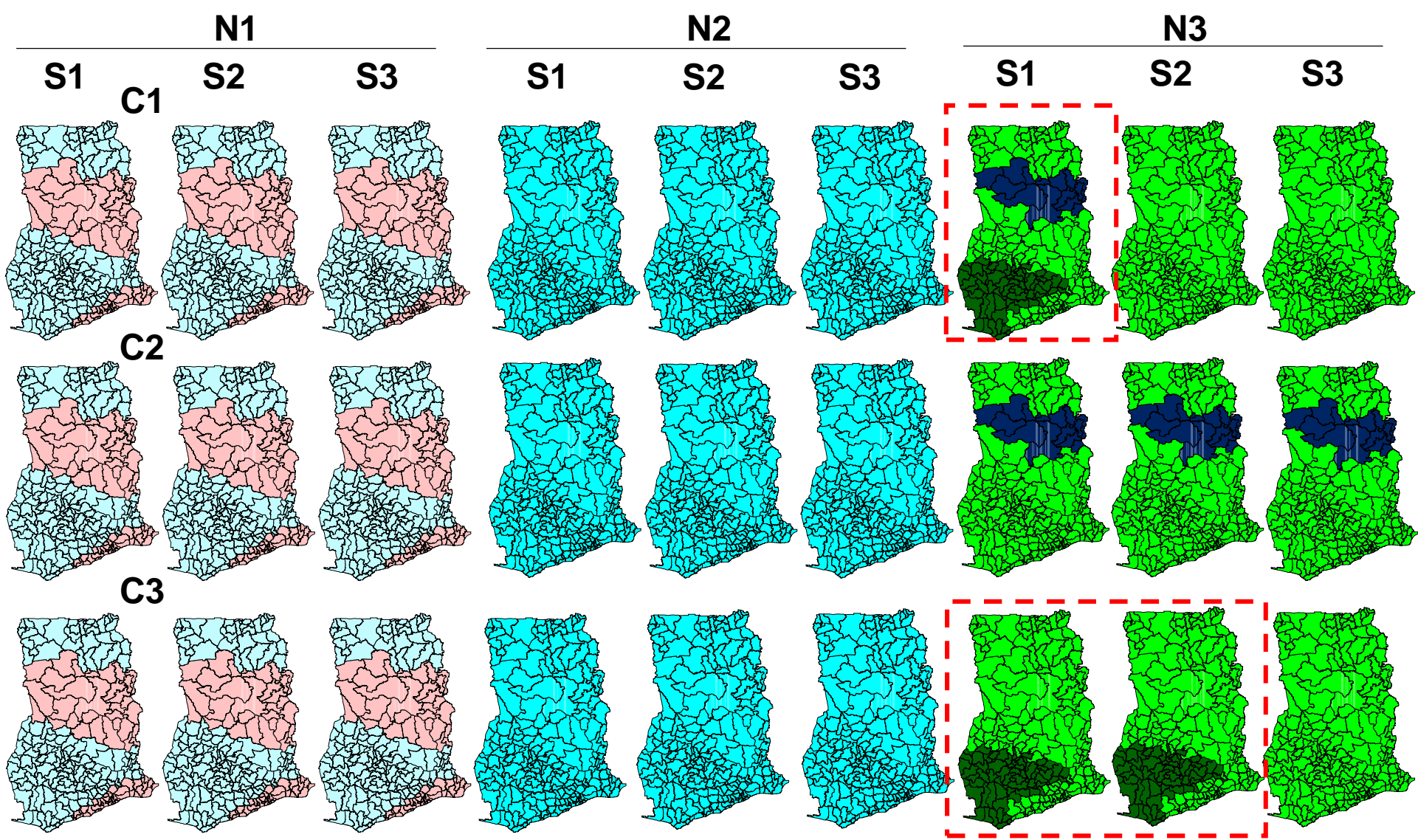
The Ghana Case Study

IV. Investment Prioritization

Potential + Efficiency + Poverty

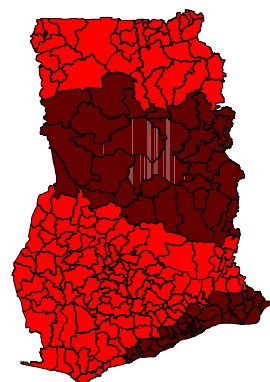


| | Poverty | Potential | Efficiency |
|--|----------|---------------|-------------------|
| Critical with moderate agricultural opportunities | High | Moderate | Low |
| Medium priority with moderate agricultural opportunities | Medium | Moderate | Low/Moderate |
| Low priority | Moderate | Moderate | Moderate |
| High priority | High | Medium / High | Medium / Moderate |
| Medium priority with high agricultural opportunities | Medium | Medium / High | Medium / Moderate |
| Low priority with high agricultural opportunities | Moderate | Medium / High | Medium / Moderate |
| High performance | Moderate | Medium / High | High |



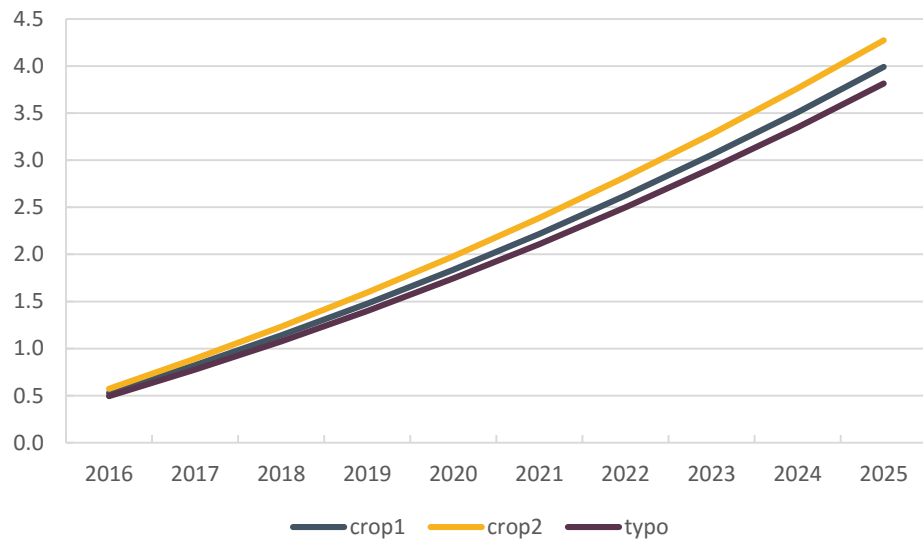
Simulated Yields (ton/ha)

Baseline Yields (ton/ha); 1980 - 2010

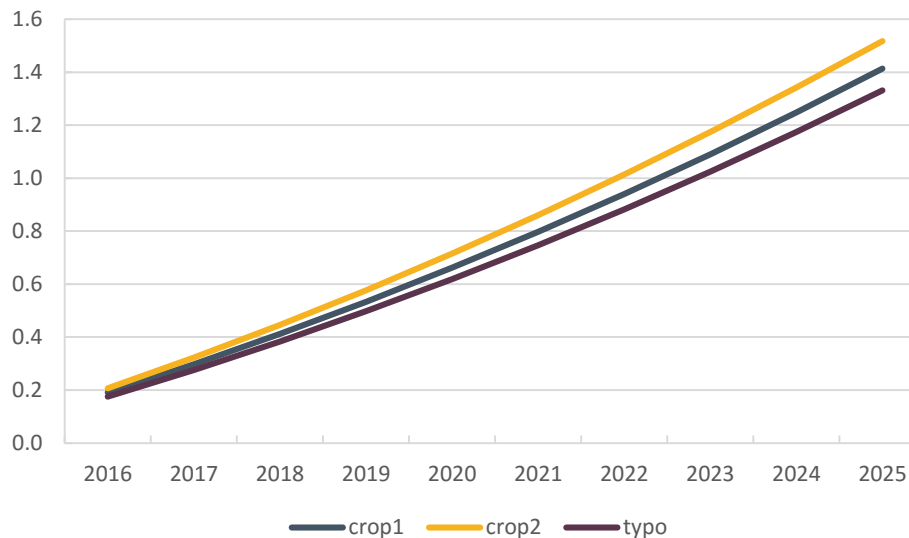


Welfare Impact of Alternative Innovations

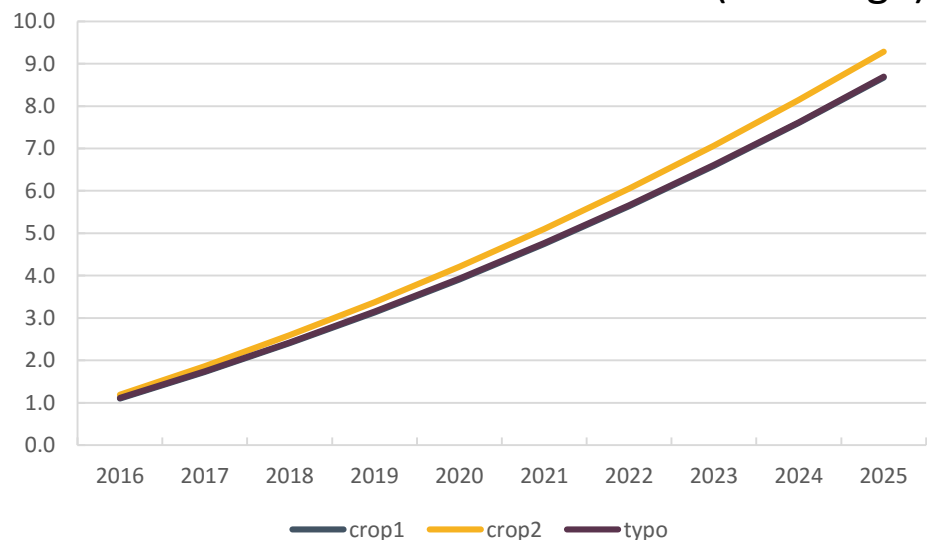
Rural Farm Low Quintile (% change)



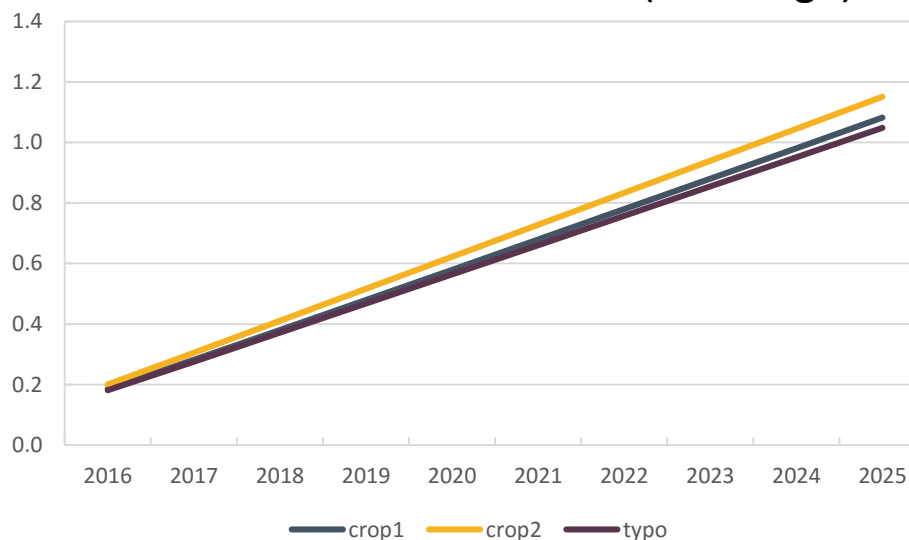
Rural Farm Up Quintile (% change)



Rural Non Farm Low Quintile (% change)



Urban Low Quintile (% change)



The Ghana eAtlas: Interactive Online Data infrastructure

