

2026-01-14 Vertical Disintegration & Farm Productivity

- Research Overview: Past, Present, and Future
  - Past and Present
  - Research Background

- I need to add notes here describing my way through the various works
- And need to decide how much time I want to spend discussing. Probably just 5 min.

**Recent Research**

**Agricultural supply chain and vertical coordination**

- Contract design, risk allocation, quality measurement in agricultural markets
- A. H. Almadi, J. E. Gaskins, and D. W. Johnson, "Vertical coordination in the agribusiness sector," *Journal of Agricultural Economics*, 2005, 57(2), 205-225
- Cooperative agriculture and governance
- L. C. G. van der Linde, "Cooperative governance, monitoring, capital structure and AUM," *Journal of Business & Agricultural Finance*, 2005, 29(2), 105-122
- Cooperatives in business units: theory, productivity measurement
- L. C. G. van der Linde, "Cooperatives in business units: theory, productivity measurement and empirical evidence," *Journal of Business & Agricultural Finance*, 2005, 29(2), 123-142
- OLEANT Cooperatives Project
- A. H. Almadi, "Vertical integration and farm productivity," *Journal of Agricultural Economics*, 2005, 57(2), 205-225

This paper concerns all three themes mentioned but organizational change effects are not explicitly addressed in this paper.

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- Research Overview: Past, Present, and Future
  - Future
  - Future Research: Economics of Cooperatives

- This is the main focus of my research program for THIS position
- The next slide summarizes complementary work drawing on my experience at ERS and connected with supply chain issues

**Future Research: Economics of Cooperatives**

1. General and sector understanding
  - Comprehensive description of cooperative business, technology and management models, and their internal and external dynamics and outreach
2. Governance and financial management
  - Financial management and capital structure challenges
3. Market-level interactions
  - Analysis of market entry, regulation issues in SO context
4. Cooperatives and agricultural productivity
  - Input costs, output prices, and service inputs in TFP accounting
5. Strategy and development
  - Complementary work on market entry and growth
  - Economic rationale, public policy implications

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- Research Overview: Past, Present, and Future
  - Future
  - Future Research: Complementary Themes

**Future Research: Complementary Themes**

**Agricultural supply chains and upstream industries**

- Farm consolidation effects on service markets

**Productivity measurement**

- Output costs, input costs, service inputs in TFP accounting
- Market power and implications for ag productivity

- This section focuses on research with supply chain connection
- Based on work initiated while at ERS