

System Approach to Efficiency and Productivity Analysis: Multi-Level Network Production Models

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Day 1 (Chris O'Donnell)

- Introduction
- Production Technologies
- Measures of Productivity Change
- Measures of Efficiency
- Piecewise Frontier Analysis
- Stochastic Frontier Analysis
- Practical Considerations

Day 2 (Antonio Peyrache)

- Production Networks
- Industry (Two-Level) Models – Centralized Allocation Models
- Parallel (Weakly Connected) Networks
- Multi-Level Parallel (Weakly Connected) Networks
- Connected Production Networks
- Conclusion