

Correlation Analysis

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Agenda

- Regression Analysis
- Jipp Curve & Others
- Limitations & Qualifications
- Summary

Regression Analysis

- Statistical Relationship
- *A priori* Formulation
- Not Causal

Regression: Textbook Paradigm

- Variables
- Exogenous
- Endogenous
- Functional Form
- Specification of Errors

Regression: Other Issues

- Time-series
- Cross-sectional
- Pooled
- Panel Data

Regression: Other Issues

- Time-series
- Cross-sectional
 - Developed: Modern Systems
 - Undeveloped:
 - Wait Lists
 - Lack of Capacity
 - Lack of Automation
 - Inadequate Systems

Regression: Other Issues

- **Supply constrained**
- **Simultaneity**

Regression: Textbook Paradigm

- **Demand & Forecasting**
 - **Elasticities: firm = market**
 - **Zero inter-firm cross-elasticities**
 - **Lack of segmented markets**

Jipp Curve & Others

Limitations & Qualifications

- **Simplicity**
- **Single Equation Model**
- **Heterogeneous Data**
- **Inaccuracy of Data**
- **No Causation**

Future Research

- **Data Improvement**
- **Desegregated**
 - **Sector Analysis**
 - **Spatial Breakdown**

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