Study on Statistical Arbitrage in Futures Market

Midterm Presentation

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Introduction

1. Terminology

Arbitrage

The possibility of a risk-free profit at zero cost.

Statistical Arbitrage

1. An investment process based on mathematical models
2. Aiming at making profits
3. Building up long and short positions for assets
4. Taking advantage of asset prices' deviation from theoretical values

2. Background Information

Prerequisite:

The securities market in which short selling exists.

Financial Market in China:

1. Before:
   1.1 Absent of short selling mechanism
   1.2 Absent of stock index futures
2. Now:
   2.1 Launched stock index futures on April 16 2010
   2.2 Inprovement in startup of securities margin trading

Seven Basic Principles

1. Set the context
2. Choose effective examples and analogies
3. Choose vocabulary to suit your readers
4. Decide whether to present #s in text, tables, or figures
5. Report and interpret #s in the text
6. Specify the direction *and* size of an association between variables
7. For many #s, summarize overall pattern

Creating Effective Tables

Example: Cost of Packaging

Example: The Nuclear Mission Arms Race

Example: Maintaining Inventory