

A Simple Beamer Template for WP Carey School Affiliated Researchers

Harish Guda¹ X² Y²

¹W.P. Carey School of Business,
Arizona State University.

²School,
University.

An Important Field Conference,
July 24, 2023

A Brief Summary

A new idea.

A Brief Summary

A new idea.

We show surprising result.

Introduction

Resources

Customers buy **bundles of resources** in combination.

Resources

Customers buy **bundles of resources** in combination.

Example: Airline itinerary.

Model

Model

Nature chooses $\omega \sim p(\cdot)$.

Model

Nature chooses $\omega \sim p(\cdot)$.

For any ω :

Model

Nature chooses $\omega \sim p(\cdot)$.

For any ω :

- Key parameter of agent K : $\kappa \sim f_{\omega}(\cdot)$.

Model

Nature chooses $\omega \sim p(\cdot)$.

For any ω :

- Key parameter of agent K: $\kappa \sim f_{\omega}(\cdot)$.
- Key parameter of agent D: $\delta \sim g_{\omega}(\cdot)$.

Model

Nature chooses $\omega \sim p(\cdot)$.

For any ω :

- Key parameter of agent K: $\kappa \sim f_{\omega}(\cdot)$.
- Key parameter of agent D: $\delta \sim g_{\omega}(\cdot)$.

Market Clears at all ω : $\mathbf{K}f_{\omega}(\kappa) = \mathbf{D}g_{\omega}(\delta)$.

Results

A Result

A Result

Key Non-Existence Result

Suppose $\gamma > 0$. There does not exist an outcome where $\delta > 0$ and $\Delta > 0$. That is,

$$\gamma > 0 \implies \delta \cdot \Delta < 0.$$

A Result

Key Non-Existence Result

Suppose $\gamma > 0$. There does not exist an outcome where $\delta > 0$ and $\Delta > 0$. That is,

$$\gamma > 0 \implies \delta \cdot \Delta < 0.$$

Possible Misinterpretation (Alert)

This is not to be misunderstood with $\delta < 0 \implies \Delta > 0$.

A Result

Key Non-Existence Result

Suppose $\gamma > 0$. There does not exist an outcome where $\delta > 0$ and $\Delta > 0$. That is,

$$\gamma > 0 \implies \delta \cdot \Delta < 0.$$

Possible Misinterpretation (Alert)

This is not to be misunderstood with $\delta < 0 \implies \Delta > 0$.

An Example

Consider the example $a = b$.

Implications

Thank You!

Paper available at harishguda.me/research.