

TAESIK KIM

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EDUCATION

The George Washington University, Washington D.C.

- Ph.D.in Economics *Dec 2021 (expected)*
- M.Phil.in Economics *Dec 2020*

Barcelona Graduate School of Economics, Barcelona, Spain

- M.S. in Economics *Aug 2012*

University of Texas at Austin, Austin, Texas

- B.A. with highest honors in Mathematics *May 2011*
- B.A. with highest honors in Economics *May 2011*

RESEARCH INTERESTS

Primary: Industrial Organization

Secondary: Urban and Regional Economics, Econometrics

JOB MARKET PAPER

“Collusive Capacity Reduction Patterns in the US Airline Industry”

This study is an investigation into the possibility that multimarket contacts result in collusion in the setting of capacity in the US domestic airline market. I first provide reduced-form evidence on the effect of multimarket contacts on the possibilities of firms colluding in setting capacity by demonstrating that levels of multimarket contract have significant negative correlations with the quantity of seats that airlines release. Lead by the evidence, I estimate structural model of demand and supply system with conduct parameter which capture the degree of collusion in setting capacity. The conduct parameter is specified as a function of multi market contact; it will be demonstrated that the conduct parameter shows that there is a significant and positive correlation between multimarket contact and collusion, suggesting that the greater the level of multimarket contact, the lower the quantity of seats that will be offered in comparison to non-collusive oligopoly equilibrium.

WORKING PAPERS

“Remedies in Airline Mergers: Analysis of the U.S. Domestic Airline Industry”

Evaluated counterfactual merger simulation in a policy and academic study; estimated supply and demand and then predicted the effect of merger divestiture of landing slots at three selected airports, Newark Liberty International Airport, Ronald Reagan Washington National Airport, and LaGuardia Airport, indicate that the average airfare reduced for all post-merger air travel products.

“Mergers and Product Quality”

Investigated how three recent major U.S. airline mergers affected their air travel product quality,

focusing on passengers' convenience and connectivity arising from the merged airlines' network restructuring. Passenger convenience is measured via the difference between the actual and nonstop flight distances between the origin and destination airports, termed extra flight distance. Passenger connectivity is measured as the number of destinations offered at a given airport.

TEACHING EXPERIENCE

The George Washington University, Washington, D.C.

2016 - 2020

Teaching Assistant

- Financial Modeling and Econometrics (Master Level)
- Corporate Finance Management and Modeling (Master Level)
- Applied Microeconomics Theory (Master Level)
- Mathematical Methods for Economists (Master Level)
- Applied Financial Derivatives (Master Level)

PROFESSIONAL EXPERIENCE

Korea Innovation Center, Washington, D.C.

Jul 2020 - Aug 2020

Consultant

- Constructed harmonized and standardized data sets to create a market entrance strategy report for startups.
- Produced accurate and timely forecasts on U.S.'s LED light market.
- Analyzed the company's performance data to quantify and communicate operational insights that inform future decision making
- Administered daily operations, including identifying growth opportunities, documenting processes, reviewing business procedures, and delivering informational presentations.

International Center for Project Management Excellence, The George Washington University, Washington, D.C.

June 2018 - May 2019

Editorial Assistant

- Provide administrative assistance to the Editor of the Journal of Management in Engineering, which is an SCI-indexed academic journal.
- Organized editorial board meetings at The American Society of Civil Engineers.

FELLOWSHIPS

• Graduate Assistantship, The George Washington University

2016 - 2020

• Tuition Fellowship, The George Washington University

2018 - 2019

COMPUTER SKILLS

**Modeling and Analysis
Software & Tools**

Python, R, Matlab, Stata, SAS
MS Office, Latex, Tableau

CITIZENSHIP / LANGUAGES

South Korea / Korean(Native), English(Fluent)

REFERENCES

Wallace P. Mullin

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