J. Bradley Eustice

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EDUCATION **Ph.D.** in Economics

(expected) August 2019

Washington State University

Dissertation: "Topics in Spatial-Temporal Economics."

Advisor: Jia Yan, Ph.D.

M.S. in Statistics July 2016

Washington State University

Capstone: "Detecting Price Diffusion Across Natural Geographic Boundaries: An Ap-

plication of Vector Autoregressive Models."

Advisor: Krishna Jandhyala, Ph.D.

B.A. in Economics December 2011

Brigham Young University

Minors: Business Management, Mathematics

INDUSTRY Strategic Forecast Analyst December 2011 - August 2012

EXPERIENCE US Airways

Financial Analyst - Intern September 2010 - December 2010

BYU Global Financial Advisors

Co-Founder & Chief Engineer April 2008 - August 2010

The Garage Men

ACADEMIC Instructor

EXPERIENCE EconS 425 - Industrial Organization (Washington State University) 2019

Econ 476 - Industrial Organization (Brigham Young University) 2017

Research Assistant

Dr. Eric Jessup (Washington State University)

Dr. Kenneth Casavant (Washington State University)

2016-2019

Dr. Jeremy Sage (Washington State University)

2012-2016

Dr. Lars Lefgren (Brigham Young University) 2011

RESEARCH Primary: Applied Microeconomics

INTERESTS Secondary: Behavioral Economics, Applied Econometrics

PUBLICATIONS Sage, Jeremy, J. Bradley Eustice, Ken Casavant, and Chris Herman. 2016. "Wash-

ington State Short Line Railroads: A Case Study in Meeting 21st Century Demands with 19th Century Infrastructure," Transportation Research Record: Journal Of The

Transportation Research Board 2546: 17-26.

GOVERNMENT REPORTS

Sage, Jeremy, J. Bradley Eustice, and Ken Casavant. "Washington State Short Line Rail Inventory and Needs Assessment." Washington State Department of Transportation, WA-RD 842.1, June 2015.

Jessup, Eric, Suzette Galinato, Zhazira Alisheva, and J. Bradley Eustice. "Pacific Northwest Container Availability Study: West Coast Container Traffic Analysis." USDA Transportation Research and Analysis, forthcoming.

WORKING PAPERS

Job Market Paper:

Eustice, J. Bradley. "En Route Reference Point Updating: Estimating Travel Decisions in the Presence of Unexpected Delays."

Other Papers:

Eustice, J. Bradley. "A (Statistical) Moment in Time and Space: Detecting the Significance of Skewness on Route Choice."

Eustice, J. Bradley. "Asset Appreciation and Voting Patterns in Presidential Elections."

Eustice, J. Bradley and Jeremey Sage. "Reroute or Wait It Out? Estimating Optimal Route Decisions During Primary Route Closure."

WORKS in PROGRESS

Eustice, J. Bradley. "Detecting Price Diffusion Across Natural Geographic Boundaries: An Application of Vector Autoregressive Models."

SCHOLARSHIPS and AWARDS

James C. Nelson Fellowship in Transportation Economics

Washington State University

2012-2013

and POSTERS

PRESENTATIONS Jessup, Eric, Suzette Galinato, Zhazira Alisheva, and J. Bradley Eustice. "Pacific Northwest Container Availability Study: West Coast Container Traffic Analysis." Poster, Presented at the Washington State University Academic Showcase, Pullman, WA, March 2019.

> Eustice, J. Bradley, Jeremy Sage, Eric Jessup, and Kenneth Casavant. "Reroute or Wait It Out: Estimating Optimal Route Decisions in the Presence of Unexpected Delays." Poster, Presented at the Washington State University Academic Showcase, Pullman, WA, March 2017.

> Sage, Jeremy, Austin Miller, and J. Bradley Eustice. "Evaluation of the Social Cost of Rail Freight Diversion: A Multi-Modal Safety Analysis." Poster, Presented at the Pacific Northwest Regional Economic Conference, Seattle, WA, October 2016.

> Eustice, J. Bradley and Jeremy Sage. "Reroute or Wait It Out: Estimating Optimal Route Decisions in the Presence of Unexpected Delays." Paper, Presented at the Transportation Research Forum, Toronto, Canada, May 2016.

> Eustice, J. Bradley, Jeremy Sage, and Kenneth Casavant. "Reroute or Wait It Out: Estimating the Time until Spoilage in the Presence of Unexpected Delays." Paper, Presented at the Transportation Research Forum, Atlanta, GA, March 2015.

Sage, Jeremy, Kenneth Casavant, **J. Bradley Eustice**, and You Zhou. "The Search for Commodity Flow Data: Just Stop and Ask Them." Paper, Presented at the Transportation Research Forum, San Jose, CA, March 2014.

Sage, Jeremy, Kenneth Casavant, **J. Bradley Eustice**, and You Zhou. "Washington State Commodity Flows: Perishable Goods Mitigation of Extended Weather Induced Road Closure." Paper, Presented at the Food Distribution Research Society, Chicago, IL, October 2013.

Sage, Jeremy, Kenneth Casavant, J. Bradley Eustice, and You Zhou. "Washington State Commodity Flows: Improving the Understanding of the Impacts of Infrastructure Investment." Paper, Presented at the Pacific Northwest Regional Economic Conference, Spokane, WA, May 2013.

SKILLS Computer: R, Stata, Python, Scala, Spark, GAUSS, Matlab, SAS, SQL, C,

C++, Tableau, Unix, HTML, CSS, MS Office, LATEX

Machine Learning: Random forests (with boosting), k-nearest neighbors, k-fold cross

validation, k-means clustering, hierarchical clustering, support vector machines, principal components analysis, discriminent

analysis, ensemble methods

Econometrics: linear regression (stepwise, ridge, lasso, etc.), time series, panel

date methods, logistic regression

Languages: English (native), Russian (proficient)