Kaidi Wu

486 W Circle Dr, East Lansing, MI, 48824 • <u>wukaidi@msu.edu</u> • (517) 249-0761 • <u>https://wukaidi23.github.io</u>

PhD Economics Michigan State University Expected May 2023 MA Economics Michigan State University 2017 BS Mathematics; BA Economics Wuhan University 2017 TFCINICAL SKILS 2017 2017 Data Analysis: Causal Inference, Demand Estimation, A/B Testing, Data manipulation/visualization Machine Learning: 2011 WORK EXPERIENCE Economist Intern: Amazon.com Jul 2022-Sep 2022 Pesigned price experiments to estimate the price elasticity of downstream economic value, which is used to inform pricing and promotion decisions in the Amazon Devices business Analyzed long-run causal price effects using instrumental variables and combination of experimental and observational data Reduced revenue prediction error by 50% with the newly developed elasticity measure RESEARCH PROJECTS Consumption Smoothing and Frequency of SNAP Payments (collaborated) Oct 2020-present Analyzed 400 million purchase records from Nielsen Homescan with Apache Spark on Azure Databricks to examine how payment frequency of NYC txit drivers (independent) Jan 2021-May 2021 Istimated a decrease of 23% in weekly food expenditures between monthly benefit payments. Semimonthy payment miligated the decline by 10%, indicating a 7% increase in consumer welfare. Presented research and led discussions at two economics conferences. SNAP Benefit and Labor Supply: The Case of NYC txit drivers (independent)	EDUCATION			
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