Alex Wood-Doughty

Contact Information	awooddoughty.com awooddoughty@gmail.com
About Me	Data scientist with an interest in the intersection between causal inference and machine learning. Strong technical skills in econometrics (Ph.D. Economics) and experience writing production code and working closely with engineering. Interested in solving important business problems by building out robust, scalable systems.
Buzzwords	Causal Inference, Heterogenous Treatment Effects, User-Level Targeting
Experience	Monocle Data Science Engineer 2023-Present Founding Data Scientist building a machine learning powered incentives platform.
	Lyft2021-2023Staff Data Scientist2017-2021
	Imagined, designed, and built the incentives platform at Lyft. Responsible for build- ing out the science library (home to heterogeneous treatment effect and optimization algorithms) as well as designing the abstraction between those algorithms and the engi- neering pipelines. Scaled the user-level targeting capabilities at Lyft from siloed ad-hoc models to a centralized robust platform.
Education	Ph.D. Economics2017University of California, Santa Barbara Committee: Peter Kuhn (Co-Chair), Douglas Steigerwald (Co-Chair), Richard Startz Fields: Labor Economics and Econometrics2013M.A. Economics2013University of California, Santa Barbara2012B.A. Economics and Political Economy2012Washington University in St. Louis, magna cum laude2012
Research	 Posters and Presentations Model Selection for User-Level Targeting Models based on Heterogeneous Treatment Effects (with Tianqi Wang) ACIC 2022 The Incentives Platform at Lyft (with Cameron Bruggeman) WSDM 2022 Published Papers
	Do Download Reports Reliably Measure Journal Usage? Trusting the Fox to Count your Hens? (with Ted Bergstrom and Doug Steigerwald) College & Research Libraries 2019, 80(5)