

Kieran Marray

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Education	PhD Economics, Vrije Universiteit Amsterdam and Tinbergen Institute Supervised by Dr Michael König, and Prof. Ozan Candogan (University of Chicago). <i>Thesis:</i> Essays in econometrics of networks. MPhil Economics and Econometrics, Tinbergen Institute <i>Major:</i> Econometrics <i>GPA:</i> 8.42 (summa cum laude) BA Philosophy, Politics, and Economics, University of Oxford	2022–present 2020-2022 2016-2019
References	Dr Michael König School of Business and Economics, Vrije Universiteit Amsterdam, De Boelelaan 1105, 1081HV Amsterdam <i>Email:</i> m.d.konig@vu.nl Prof. Gordon Phillips Tuck School of Business Dartmouth College 100 Tuck Hall, Hanover, NH 03755 <i>Email:</i> gordon.m.phillips@tuck.dartmouth.edu	Prof. Ozan Candogan Booth School of Business, University of Chicago 5087 S. Woodlawn Avenue, Chicago, IL 60637 <i>Email:</i> ozan.candogan@chicagobooth.edu Dr François Lafond INET Oxford Manor Road Building, Manor Road, Oxford OX1 3UQ <i>Email:</i> francois.lafond@inet.ox.ac.uk
Employment	Predoctoral research assistant Oxford Mathematical Institute, University of Oxford Supervised by Prof. J. Doyne Farmer and Dr François Lafond <i>Topic:</i> Network analysis in economics	2018-2020
Academic affiliations	Fellow, Institute for Advanced Studies, University of Amsterdam ‘Population-Scale Social Network Analysis’ research group. Smith School for Enterprise and the Environment, University of Oxford Visiting Phd student	2022-present 2023
Working papers	Network rewiring and spatial targeting: optimal disease mitigation in multilayer networks with Ozan Candogan, and Michael König, and Frank Takes. <i>Revise and resubmit, American Economic Review: Insights</i> Estimating spillovers from sampled connections ArXiv pre-print 2410.17154, submitted.	

	Estimating unobserved networks with heterogeneous characteristics, and an application to the Swing Riots SSRN pre-print 5338970.		
Research in progress	Global competitor networks with François Lafond, Gordon Phillips, and Michael König Place-based policy in endogenous production networks with Xianglong Kong, Katie MacDonald, Peter Ohlinger, and Ruochen Dai.		
Awards, grants, and scholarships	Alfred P. Sloan Foundation Minor Grant in Meso-economics 2024 (with Xianglong Kong, Katie MacDonald, Peter Ohlinger, and Ruochen Dai) Scholarships: Full scholarship and tuition waiver, Tinbergen Institute (2020-2022); Laidlaw research and leadership scholarship, value of £10,000 (2018) Studentships: ‘Optimisation-Conscious Econometrics’, University of Chicago (2023); Sloan Foundation studentship in Meso-economics, University of Cambridge (2024). External travel grants: Workshop on Firm-Level Supply Networks, University of Oxford (2025); 12th Warwick Phd Conference, University of Warwick (2024); Workshop on Firm-Level Supply Networks, University of Cambridge (2023).		
Invited talks (selected)	Network Science in Economics conference (poster), Stanford University 2025 Workshop on Firm-Level Supply Networks, University of Oxford 2025 European Economic Association summer meeting 2024 European summer meeting of the Econometric Society 12th Warwick Phd conference, University of Warwick Complexity Economics Seminar, Oxford Martin School, University of Oxford Workshop on Firm-Level Supply Networks, University of Cambridge 2023 1st International Workshop on Population-Scale Social Network Analysis, Institute for Advanced Studies, University of Amsterdam		
Refereeing	<i>Journal of Economic Behaviour and Organisation, Applied Network Science</i>		
Teaching	Urban economics: challenges and policies, 2023-present Vrije Universiteit Amsterdam, TA Interactive lecture notes Lecture on ‘Introduction to nonparametric and semiparametric estimation’. Applied econometrics, Vrije Universiteit Amsterdam, TA 2023-present Master-level applied econometrics course for spatial economics students. Econometrics I, Tinbergen Institute, TA 2021 Introductory R lecture notes		
Programming Experience	Proficient in Julia (preferred), R , and Python . Some experience with Slurm , SQL , Netlogo , Stata , and AWS compute environments (Athena, Batch, EC2).		
Unprofessional Activities	Rock-climbing, squash		