

# Kieran Marray

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

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