

CURRICULUM VITAE

Jouni Kuha

Department of Methodology and Department of Statistics
London School of Economics and Political Science
Houghton St, London WC2A 2AE, UK
j.kuha@lse.ac.uk

Education

M.Soc.Sc	Statistics	University of Helsinki	1992
Ph.D.	Social Statistics	University of Southampton	1996

Positions

2019 –	Professor of Social Statistics, London School of Economics and Political Science (LSE)
2013 – 2019	Associate Professor of Statistics and Research Methodology, LSE
2008 – 2013	Senior Lecturer in Statistics and Research Methodology, LSE
2001 – 2008	Lecturer in Statistics and Research Methodology, LSE
1999 – 2001	Assistant Professor of Statistics, Penn State University
1998 – 1999	Research Fellow, Nuffield College, University of Oxford
1995 – 1998	Prize Research Fellow, Nuffield College, University of Oxford
1991 – 1992	Assistant, Department of Statistics, University of Helsinki
1990	Research Assistant, Institute of Occupational Health, Helsinki

HONOURS AND AWARDS

Fellow of the British Academy	Elected 2021
-------------------------------	--------------

RESEARCH

Research interests

- Problems with measurement error, misclassification and missing data
- Latent variable modelling, especially of cross-national survey data
- Categorical data analysis
- Statistics for the social sciences

Research grants

- 2017–20 Methods for the Analysis of Longitudinal Dyadic Data with an Application to Intergenerational Exchanges of Family Support (*DyLANIE*) (co-investigator). Economic and Social Research Council (ESRC) and Engineering and Physical Sciences Research Council (EPSRC), £779K.
- 2014–16 Legal norms and crime control: A comparative, cross-national analysis (co-investigator). ESRC, £280K.
- 2013–14 Item Nonresponse and Measurement Error in Cross-National Surveys: Methods of Data Collection and Analysis (principal investigator). National Centre for Research Methods (NCRM) / ESRC, £192K.
- 2012–15 The Role of Education in Intergenerational Social Mobility (co-investigator). ESRC, £520K.
- 2012–15 New European Crimes and Trust-Based Policy (*Fiducia*) (co-investigator). European Union 7th Framework Programme (EU FP7), €2700K.
- 2010–12 Latent Variable Modelling of Categorical Data: Tools of Analysis for Cross-National Surveys (*LCAT*) (principal investigator). ESRC, £265K.
- 2008–11 Scientific Indicators of Confidence in Justice: Tools for Policy Assessment (*EuroJustis*) (co-investigator). EU FP7, €1500K.
- 2008–11 Sensitive Technologies and European Public Ethics (*STEPE*) (co-investigator). EU FP7, €690K.

Peer-reviewed articles

72. Bosch, O. J., Sturgis, P., Kuha, J., and Revilla, M. (2024). Uncovering biases in digital trace data: An assessment of the prevalence and implications of tracking undercoverage when using web tracking data. To appear in *Communication Methods and Measures*.
71. Zhang, S., Kuha, J., and Steele, F. (2024). Modelling correlation matrices in multivariate dyadic data: Latent variable models for intergenerational exchanges of family support. *Annals of Applied Statistics*, 18, 3024–3049.
70. Wouters, O. J. and Kuha, J. (2024). Low- and middle-income countries experienced delays accessing new essential medicines, 1982–2024. *Health Affairs*, 43, 1410–1419.
69. Wouters, O. J., Kesselheim, A. S., Kuha, J., and Luyten, J. (2024). Sales revenues for new therapeutic agents approved by the US Food and Drug Administration from 1995 to 2014. *Value in Health*, 27, 1373–1381.

68. Di Mari, R., Bakk, Z., Oser, J., Kuha, J. (2023). A two-step estimator for multilevel latent class analysis with covariates. *Psychometrika*, 88, 1144–1170.
67. Kuha, J., Zhang, S., and Steele, F. (2023). Latent variable models for multivariate dyadic data with zero inflation: Analysis of intergenerational exchanges of family support. *Annals of Applied Statistics*, 17, 1521–1542.
66. Bakk, Z., Di Mari, R., Oser, J., and Kuha, J. (2022). Two-stage multilevel latent class analysis with covariates in the presence of direct effects. *Structural Equation Modeling*, 29, 267–277.
65. Sturgis, P. and Kuha, J. (2022). How survey mode affects estimates of the prevalence of gambling harm: A multi-survey study. *Public Health*, 204, 63–69.
64. Kuha, J., Bukodi, E., and Goldthorpe, J. H. (2021). Mediation analysis for associations of categorical variables: The role of education in social class mobility in Britain. *Annals of Applied Statistics*, 15, 2061–2082.
63. Burchardt, T., Steele, F., Grundy, E., Karagiannaki, E., Kuha, J., Moustaki, I., Skinner C., Zhang, N., and Zhang, S. (2021). Welfare within families beyond households: Intergenerational exchanges of practical and financial support in the UK. *LSE Public Policy Review*, 2, 4: 1–11.
62. Bakk, Z. and Kuha, J. (2021). Relating latent class membership to external variables: An overview. *British Journal of Mathematical and Statistical Psychology*, 74, 340–362.
61. Kuha, J. and Mills, C. (2020). On group comparisons with logistic regression models. *Sociological Methods & Research*, 49, 498–525.
60. Steele, F., Clarke, P., and Kuha, J. (2019). Modeling within-household associations in household panel studies. *Annals of Applied Statistics*, 13, 367–392.
59. Janssen, J. H. M., van Laar, S., de Rooij, M. J., Kuha, J., and Bakk, Z. (2019). The detection and modeling of direct effects in latent class analysis. *Structural Equation Modeling*, 26, 280–290.
58. Bakk, Z. and Kuha, J. (2018). Two-step estimation of models between latent classes and external variables. *Psychometrika*, 83, 871–892.
57. Kuha, J., Katsikatsou, M., and Moustaki, I. (2018). Latent variable modelling with non-ignorable item nonresponse: Multigroup response propensity models for cross-national analysis. *Journal of the Royal Statistical Society, Series A*, 181, 1169–1192.
56. Sturgis, P., Kuha, J., Baker, N., Callegaro, M., Fisher, S., Green, J., Jennings, W., Lauderdale, B., and Smith, P. (2018). An assessment of the causes of the errors in the 2015 UK General Election opinion polls. *Journal of the Royal Statistical Society, Series A*, 181, 757–781.
55. Kuha, J., Butt, S., Katsikatsou, M., and Skinner, C. J. (2018). The effect of probing “Don’t Know” responses on measurement quality and nonresponse in surveys. *Journal of the American Statistical Association*, 113, 26–40.
54. Wilson, B. and Kuha, J. (2018). Residential segregation and the fertility of immigrants and their descendants. *Population, Space and Place*, 24, e2098.

53. Ding, Y. Y., Kuha, J., and Murphy, M. (2017). Pathways from physical frailty to activity limitation in older people: Identifying moderators and mediators in the English Longitudinal Study of Ageing. *Experimental Gerontology*, 98, 169–176.
52. Bukodi, E., Goldthorpe, J. H., and Kuha, J. (2017). The pattern of social fluidity within the British class structure: A topological model. *Journal of the Royal Statistical Society, Series A*, 180, 841–862.
51. Ding, Y. Y., Kuha, J., and Murphy, M. (2017). Multidimensional predictors of physical frailty in older people: Identifying how and for whom they exert their effects. *Biogerontology*, 18, 237–252.
50. Reader, T. W., Mearns, K., Lopes, C., and Kuha, J. (2017). Organizational support for workforce health and employee safety citizenship behaviors: A social exchange relationship. *Human Relations*, 70, 362–385.
49. Kuha, J. and Moustaki, I. (2015). Non-equivalence of measurement in latent variable modeling of multigroup data: A sensitivity analysis. *Psychological Methods*, 20, 523–536.
48. Hafez, M. S., Moustaki, I., and Kuha, J. (2015). Analysis of multivariate longitudinal data subject to nonrandom dropout. *Structural Equation Modeling*, 22, 193–201.
47. Bukodi, E., Goldthorpe, J. H., Waller, L., and Kuha, J. (2015). The mobility problem in Britain: New findings from the analysis of birth cohort data. *British Journal of Sociology*, 66, 93–117.
46. Jackson, J. and Kuha, J. (2014). Worry about crime in a cross-national context: A model-supported method of measurement using the European Social Survey Data. *Survey Research Methods*, 8, 109–126.
45. Sturgis, P., Brunton-Smith, I., Jackson, J., and Kuha, J. (2014). Ethnic diversity, segregation, and the social cohesion of neighbourhoods in London. *Ethnic and Racial Studies*, 37, 1286–1309.
44. Kuha, J. and Jackson, J. (2014). The item count method for sensitive survey questions: Modelling criminal behavior. *Journal of the Royal Statistical Society, Series C (Applied Statistics)*, 63, 321–341.
43. Skrondal, A. and Kuha, J. (2012). Improved regression calibration. *Psychometrika*, 77, 649–669.
42. Jackson, J., Bradford, B., Hough, M., Kuha, J., Stares, S., Widdop, S., Fitzgerald, R., Yordanova, M., and Galev, T. (2011). Developing European indicators of trust in justice. *European Journal of Criminology*, 8, 267–285.
41. Curtice, J., Fisher, S. D., and Kuha, J. (2011). Confounding the commentators: How the 2010 exit poll got it (more or less) right. *Journal of Elections, Public Opinion & Parties*, 21, 211–235.
40. Kuha, J. and Firth, D. (2011). On the index of dissimilarity for lack of fit in loglinear and log-multiplicative models. *Computational Statistics and Data Analysis*, 55, 375–388.

39. Kuha, J. and Goldthorpe, J. H. (2010). Path analysis for discrete variables: The role of education in social mobility. *Journal of the Royal Statistical Society, Series A*, 173, 351–369.
38. Akritas, M. G., Antoniou, E. S., and Kuha, J. (2006). Nonparametric Analysis of Factorial Designs with Random Missingness: Bivariate Data. *Journal of the American Statistical Association*, 101, 1513–1526.
37. Kuha, J. (2004). AIC and BIC: Comparisons of Assumptions and Performance. *Sociological Methods & Research*, 33, 188–229. (See also publisher’s errata to the paper in the print edition of the journal, *SMR*, 33, 417 (2005).)
36. Kuha, J. and Temple, J. (2003). Covariate Measurement Error in Quadratic Regression. *International Statistical Review*, 71, 131–150.
35. Akritas, M. G., Kuha, J., and Osgood, D. W. (2002). A Nonparametric Approach to Matched Pairs with Missing Data. *Sociological Methods & Research*, 30, 425–454.
34. Kuha, J. (1997). Estimation by data augmentation in regression models with continuous and discrete covariates measured with error. *Statistics in Medicine*, 16, 189–202.
33. Riihimäki, H., Viikari-Juntura, E., Moneta, G., Kuha, J., Videman, T., and Tola, S. (1994). Incidence of sciatic pain among men in machine operating, dynamic physical work, and sedentary work. A three-year follow-up. *Spine*, 19, 138–142.
32. Kuha, J. (1994). Corrections for exposure measurement error in logistic regression models with an application to nutritional data. *Statistics in Medicine*, 13, 1135–1148.

Articles in books

31. Jackson, J. and Kuha, J. (2016). How Theory Guides Measurement: Public Attitudes Toward Crime and Policing. In Huebner, B. M. and Bynum, T. S. (Eds.), *The Handbook on Measurement Issues in Criminology and Criminal Justice*. Hoboken, NJ: Wiley.
30. Jackson, J., Bradford, B., Kuha, J. and Hough, M. (2015). Empirical Legitimacy as Two Connected Psychological States. In Meško, G. and Tankebe, J. (Eds.), *Trust and Legitimacy in Criminal Justice: European Perspectives*. Cham: Springer.
29. Kuha, J. (2006). Bayesian Information Criterion. In Salkind, N. J. (Ed.), *Encyclopedia of Measurement and Statistics*. Thousand Oaks, CA: Sage.
28. Kuha, J., Skinner, C. and Palmgren, J. (1998). Misclassification error. In Armitage, P. and Colton, T. (Eds.), *Encyclopedia of Biostatistics*, Volume 4, pp. 2615–2621. New York: Wiley. Reprinted in Gail, M. and Benichou, J. (eds.), *Encyclopedia of Epidemiologic Methods*, Wiley, 2000.
27. Kuha, J. and C. Skinner (1997). Categorical data analysis and misclassification. In Lyberg, L., Biemer, P., Collins, M., De Leeuw, E., Dippo, C., Schwarz, N., and Trewin, D. (Eds.), *Survey Measurement and Process Quality*, pp. 633–670. New York: Wiley.

Other publications

26. Sturgis, P. and Kuha, J. (2021). Methodological factors affecting estimates of the prevalence of gambling harm in the United Kingdom: A multi-survey study. A report to GambleAware. <https://www.begambleaware.org/news/new-gambling-prevalence-methodology-review-published>.
25. Sturgis, P., Jackson, J. and Kuha, J. (2020). Lockdown scepticism is part of the Brexit divide. *LSE Brexit blog*. <https://blogs.lse.ac.uk/brexit/2020/06/08/20111/>.
24. Sturgis, P. and Kuha, J. (2020). Over 5 million people in Britain think they have been infected with COVID-19. *LSE COVID-19 Blog*. <https://blogs.lse.ac.uk/covid19/2020/05/20/patrick-sturgis-jouni-kuha-over-5-million-people-in-britain-think-they-have-been-infected-with-covid-19-19/>.
23. Sturgis, P. and Kuha, J. (2018). ‘New poll suggests...’: How to tell when public opinion has really changed. *LSE British Politics and Policy* blog. <http://blogs.lse.ac.uk/politicsandpolicy/how-to-tell-when-public-opinion-has-really-changed/>.
22. Kuha, J., Butt, S., Katsikatsou, M., and Skinner, C. (2017). Probing of “Don’t Know” responses in surveys. *NCRM MethodsNews*, 2017:3, p. 6.
21. Curtice, J., Fisher, S., Kuha, J., and Mellon, J. (2017). Surprise, surprise! (again): The 2017 British general election exit poll. *Significance*, 14, 26–29.
20. Curtice, J., Fisher, S., Kuha, J., and Mellon, J. (2017). On the 2017 exit poll — another surprise, another success. *Discover Society*, 46. <http://discoversociety.org/2017/07/05/focus-on-the-2017-exit-poll-another-surprise-another-success/>.
19. Kuha, J. (2017). The item count method for sensitive survey questions. In *The Yearbook of the Finnish Statistical Society 2015–2016*, pp. 50–51. Helsinki: The Finnish Statistical Society.
18. Kuha, J. and Sturgis, P. (2016). Comment on ‘What to do instead of significance testing? Calculating the “number of counterfactual cases needed to disturb a finding”’ by Stephen Gorard and Jonathan Gorard. *International Journal of Social Research Methodology*, 19, 491–495.
17. Sturgis, P., Baker, N., Callegaro, M., Fisher, S., Green, J., Jennings, W., Kuha, J., Lauderdale, B., and Smith, P. (2016). *Report of the Inquiry into the 2015 British General Election Opinion Polls*. London: Market Research Society and British Polling Council.
16. Kuha, J. (2015). Explaining the exit poll. *LSE British Politics and Policy* blog. <http://blogs.lse.ac.uk/politicsandpolicy/explaining-the-exit-poll/>.
15. Kuha, J. and Moustaki, I. (2014). Preface to the themed issue on social statistics. *Journal of the Royal Statistical Society C*, 63, 191–193.
14. Jackson, J., Hough, M., Bradford, B., Hohl, K., and Kuha, J. (2012). “Policing by consent: Topline results (UK) from Round 5 of the European Social Survey”. *ESS Country Specific Topline Results Series 1*.
13. Jackson, J., Hough, M., Bradford, B., Pooler, T., Hohl, K., and Kuha, J. (2011). “Trust in justice: Topline results from Round 5”. *European Social Survey Topline Results Series 1*.

12. Fisher, S. D., Kuha, J., and Payne, C. (2010). Getting it right on the night, again — the 2010 UK general election exit poll. Editorial, *Journal of the Royal Statistical Society A*, 173, 699–701.
11. Kuha, J. and Skrondal, A. (2007). Comment on ‘Model-based clustering for social networks’ by Handcock, Raftery and Tantrum. *Journal of the Royal Statistical Society A*, 170, 341–342.
10. Kuha, J. (2001) Measurement Error in Self-reported Substance Use. Technical Report 01-45, The Methodology Center, Pennsylvania State University.
9. Firth, D. and Kuha, J. (1999). Comments on “A critique of the Bayesian information criterion for model selection”. *Sociological Methods & Research*, 27, 398–402.
8. Kuha, J. (1998). Review of ‘Regression models for categorical and limited dependent variables’ by J. Scott Long. *Statistics in Medicine*, 17, 1534–1535.
7. Kuha, J. (1997). Review of ‘Measurement Error in Nonlinear Models’ by Carroll, Ruppert and Stefanski. *Statistics in Medicine*, 16, 2627–2631.
6. Kuha, J. (1996). Monte Carlo methods for adjusting for measurement error. In *Proceedings of The XVIIIth International Biometric Conference, Amsterdam. Invited Papers*, pp. 257–264.
5. Kuha, J. (1996). Measurement error modelling with Monte Carlo EM. In Forcina, A., Marchetti, G. M., Hatzinger, R., and Galmacci, G. (Eds.), *Statistical Modelling. Proceedings of the 11th International Workshop on Statistical Modelling, Orvieto*, pp. 224–231.
4. Kuha, J. (1996). Comment on ‘Hierarchical generalized linear models’ by Lee and Nelder. *Journal of the Royal Statistical Society B*, 58, 660–661.
3. Kuha, J. (1995). *Simulation-based Estimation Methods for Regression Models with Covariate Measurement Error*. Ph.D. thesis, Department of Social Statistics, University of Southampton.
2. Kuha, J. (1994) Measurement Error Corrections for Parameter Estimates of Logistic Models (in Finnish). In *The Yearbook of the Finnish Statistical Society 1993*. Helsinki: The Finnish Statistical Society.
1. Kuha, J. (1992). Covariate measurement error in binary regression models. Research Report 79, Department of Statistics, University of Helsinki.

Selected Presentations at conferences and workshops

28. ‘The Exit Poll: Will it be Alright on the Night?’. LSE & British Polling Council meeting on ‘Shedding Light on the UK General Election’, LSE, London, June 2024.
27. ‘Modelling correlation matrices in multivariate dyadic data: Latent variable models for intergenerational exchanges of family support’. 100-year jubilee of the Finnish Statistical Society, Helsinki, June 2023 (joint work with Siliang Zhang and Fiona Steele).

26. 'Two-step latent class modelling'. European Congress of Methodology (online), July 2021 (joint work with Zsuzsa Bakk).
25. 'Latent variable models for intergenerational exchanges of family support'. International Meeting of the Psychometric Society, Santiago de Chile, July 2019 (joint work with Fiona Steele).
24. 'From social media samples to the social media population: A method for improving representativeness'. Workshop on Big Data in National Election Studies, University of Manchester, May 2018 (joint work with Jane Green, Edward Fieldhouse, Rachel Gibson, and Rosalynd Southern).
23. 'Latent variable modelling with non-ignorable item nonresponse: Cross-national analysis'. International Meeting of the Psychometric Society, Zurich, July 2017 (joint work with Myrsini Katsikatsou and Irini Moustaki).
22. 'A bootstrap method for estimating the sampling variation in point estimates from quota samples'. Conference on Inference from Non-Probability Samples, Sciences Po, Paris, March 2017 (joint work with Patrick Sturgis).
21. 'The inquiry into the 2015 pre-election polls: Preliminary findings and conclusions'. Contribution to the presentation of the findings of the inquiry panel, Royal Statistical Society, London, January 2016.
20. 'The effect of interviewer probing on item nonresponse and measurement error in cross-national surveys'. Conference of the European Survey Research Association, Reykjavik, July 2015 (joint work Sarah Butt, Myrsini Katsikatsou and Chris Skinner).
19. 'Equivalence of measurement in cross-national surveys: Definitions, questions and complications'. Workshop on Cross-National Survey Methods, LSE, London, December 2014 (joint work with Irini Moustaki).
18. 'The item count method for sensitive survey questions: Modelling criminal behaviour'. Conference of the European Survey Research Association, Ljubljana, July 2013 (joint work with Jonathan Jackson).
17. 'Public confidence in the criminal justice system: Cross-national measurement in the European Social Survey'. Conference of the European Society of Criminology, Bilbao, September 2012 (joint work with Jonathan Jackson).
16. 'Analysis of cross-national surveys: Latent variable modelling for substantive comparisons and assessment of measurement'. ESRC Research Methods Festival, Oxford, July 2012 (joint work with Irini Moustaki, Sally Stares, Jonathan Jackson and George Gaskell).
15. 'Group means as explanatory variables in multilevel models'. Conference in honour of Professor Emeritus David J. Bartholomew, LSE, London, December 2011 (joint work with Anders Skrondal and Stephen Fisher).
14. 'European attitudes towards the governance of biotechnologies: Who trusts whom?'. Conference of the European Survey Research Association, Lausanne, July 2011 (joint work with Nick Allum).
13. 'Getting it right on the night: The 2010 exit poll'. Conference of the Royal Statistical Society, Brighton, September 2010 (joint work with John Curtice and Stephen Fisher).

12. 'Path analysis for discrete variables: the role of education in social mobility'. Joint meeting of the Social Statistics and General Applications Section, RSS, London ("Causality in Statistical Investigations"), May 2009 (joint work with John Goldthorpe).
11. 'Scaling fear: Overcoming data complications in the development of indices'. Conference of the European Survey Research Association, Prague, June 2007 (joint work with Jonathan Jackson).
10. 'Multilevel measurement error models for estimation of neighbourhood effects'. Conference of the European Association of Survey Research, Barcelona, July 2005.
9. 'Models for logistic regression with misclassified response'. Meeting of the Nordic Region of the International Biometric Society, Uppsala, June 2003.
8. 'Assessing lack of fit in loglinear models using the index of dissimilarity'. Meeting of ENAR/International Biometric Society, Chicago, March 2000 (joint work with David Firth).
7. 'Measurement error in quadratic regression models'. ISI Conference, Helsinki, August 1999.
6. 'Problems of model choice in the analysis of large scale data sets'. Conference on Statistical Issues in the Social Sciences, The Royal Swedish Academy of Sciences, Stockholm, October 1998 (joint work with David Cox, David Firth and John Goldthorpe).
5. 'Handling measurement error and missing data in a joint modelling framework'. The Royal Statistical Society International Conference, University of Surrey, September 1996 (joint work with Chris Skinner).
4. 'Models for validation data when adjusting for measurement error'. Joint Statistical Meetings, Chicago, August 1996 (joint work with Chris Skinner).
3. 'Categorical data analysis and misclassification'. International Conference on Survey Measurement and Process Quality, Bristol, April 1995 (joint work with Chris Skinner).
2. 'Some Monte Carlo methods of adjusting for covariate measurement error'. Workshop on Statistical Methods for Incomplete Covariate Data in Clinical and Epidemiological Studies, University of Freiburg, February 1995.
1. 'Errors in variables in logistic regression: Application of two approximate models to dietary data'. 4th Meeting on Nutritional Epidemiology, Berlin, October 1992.

107 other conference and seminar presentations in Amsterdam, Ann Arbor, Bath, Belfast, Birmingham, Cambridge, Catania, Colchester, Dortmund, Durham NH, Edinburgh, Glasgow, Gothenburg, Hamilton, Helsinki, Jyväskylä, Lancaster, Leiden, Ljubljana, London, Manchester, Minneapolis, Munich, New York, Orono, Orvieto, Oxford, Reading, Santiago de Compostela, Seattle, Southampton, State College, Stockholm, Storrs, Tilburg, Uppsala, Warwick, and Waterloo.

TEACHING

Courses taught

Full courses at the LSE (**4** and **5** codes indicate postgraduate courses):

Introduction to Quantitative Analysis (MI411, MI451, MY451)	2005, 10, 14, 20
Introduction to Quantitative Methods for Media and Communications (MY464)	2020
Intermediate Quantitative Analysis (MY465)	2015, 21
Applied Regression Analysis (MI412, MI452, MY452)	2001–3,06,08,10–11,13–15,23–
Multivariate Analysis and Measurement (MI413, MI455, MY455, ST405)	2002–8,10–11,13,15–16,18–22,24–
Survey Methodology (MY456)	2012–14, 18–19
Causal Inference for Observational and Experimental Studies (MY457)	2022
Regression Models for Discrete Response Variables (MI456)	2006–7
Event History Analysis (MI456)	2008, 10
Fundamentals of Social Science Research Design (MY400)	2015
Generalised Linear Modelling and Survival Analysis (ST411)	2019–21
Multilevel Modelling (ST416)	2002–5, 13, 24
Surveys and Experiments in Social Research (ST415)	2002–8
Statistical Modelling and Data Analysis (ST505)	2019–21, 23–
Applied Statistics Project (ST312)	2024–25
Elementary Statistical Theory (ST102)	2010–12
Research Methods for Studies in Global Management (MG449)	2019
Statistics in Society (SO102)	2013–16, 17–18
LSE100 - The LSE Course (LSE100)	2015

Full courses elsewhere:

University of Oxford:	
Advanced Social Statistics	1998, 2003
Penn State University:	
Statistical Model Assessment and Model Choice (STAT597E)	1999
Applied Regression Analysis (STAT462)	2000
Categorical Data Analysis (STAT544)	2000
Survival Analysis (STAT525)	2001

Short courses:

Models for Longitudinal and Clustered Data.

ESRC Spring School, Office for National Statistics (2004); LSE (2005)

Introduction to Random Effects Models for Panel Data. Oxford Spring School (2009)

Analysis of Survey Data (Latent Variable Models) and Cross-National Social Surveys.

Methodology Centre for Human Sciences (IHME), University of Jyväskylä (2009)

Survey Methodology. LSE Methods Summer Programme (2011–14)

Latent Variable Modelling of Categorical Data: Tools of Analysis for Cross-National

Surveys. Total of 7 times in LSE, Manchester, Edinburgh, and the RSS (2012–14)

Cross-National Survey Data: Sources, Nature and Uses.

NCRM Autumn School, Southampton (2013)

Event History Analysis. Department of Methodology short course, LSE (2015)

Statistical Analysis with Missing Data. Department of Methodology short course, LSE (2019–21)

Latent variables and latent variable models in statistics.

Department of Business and Economics, University of Catania (2022)

PhD supervisees with completed doctorates (all at the LSE)

1. Sally Stares. PhD in Social Psychology, 2008 (jointly supervised with George Gaskell): ‘Latent trait and latent class models in survey analysis: Case studies in public perceptions of biotechnology’.
2. Katrin Hohl. PhD in Social Research Methods, 2012 (jointly supervised with George Gaskell): ‘The role of mass media and police communication in trust in the police: New approaches to the analysis of survey and media data’.
3. Yehuda Dayan. PhD in Statistics, 2014: ‘A structured approach to web panel surveys: The use of a sequential framework for non-random survey sampling inference’.
4. Michael Blackwell. PhD in Social Research Methods, 2014 (jointly supervised with Linda Mulcahy): ‘Diversity and its impact: An empirical study of the English courts and legal professions’.
5. Arnaud Vaganay. PhD in Social Research Methods, 2015: ‘Evidence-based policy or policy-based evidence? The effect of policy commitment on government-sponsored evaluation in Britain (1997-2010)’.
6. Ben Wilson. PhD in Social Policy (Population Studies), 2015 (jointly supervised with Wendy Sigle): ‘Origin, destination and convergence: Understanding the fertility of international migrants and their ancestors’.
7. Yew Ding. PhD in Social Research Methods, 2017 (jointly supervised with Mike Murphy): ‘Pathways to frailty and its adverse outcomes: Evidence from the English Longitudinal Study of Ageing’.
8. Tayfun Terzi. PhD in Statistics, 2017 (jointly supervised with Chris Skinner): ‘Detecting semi-plausible response patterns’.
9. Aapo Hiilamo. PhD in Social Policy, 2022 (jointly supervised with Tania Burchardt): ‘Ageing in the age of debt: Household debt and mental wellbeing among people aged 50 years and older’.
10. Adam Christmas. PhD in Social Research Methods, 2022 (jointly supervised with Martin Bauer): ‘Towards situated anxiety: An experience-sampling approach to assessing the influence of context and personality on momentary stress’.
11. Oriol Bosch. PhD in Social Research Methods, 2023 (jointly supervised with Patrick Sturgis): ‘Challenging the gold standard: A methodological study of the quality and errors of web tracking data’.

PhD examining

Examiner of 16 doctoral theses at LSE ($\times 5$), Copenhagen, Ghent, Helsinki, Jyväskylä ($\times 2$), London School of Hygiene and Tropical Medicine ($\times 2$), Oxford, Southampton, Tilburg, and Warwick.

SERVICE

Professional service

Joint Editor, <i>Journal of the Royal Statistical Society, Series A</i>	2019–22
Associate Editor, <i>Statistics and its Interface</i>	2007–13
Associate Editor, <i>Journal of the Royal Statistical Society, Series C</i>	2009–12
Associate Editor, <i>British Journal of Mathematical and Statistical Psychology</i>	2013–15
Associate Editor, <i>Psychometrika</i>	2016–18
Associate Editor, <i>Journal of the Royal Statistical Society, Series A</i>	2018
Associate Editor, <i>International Statistical Review</i>	2024–
Chair (2010–12) and member of the Social Statistics section committee, The Royal Statistical Society	2006–12
Member of the Government Statistical Service Methodology Advisory Committee	2010–17
Member of the ESRC Peer Review College	2012–
Member of the Research Advisory Group, The Scottish Community Engagement Trial	2013–14
Member of the Advisory Group, BBC Media Action Global Grant	2014–16
Member of the Methodology Advisory Committee, Understanding Society survey	2014–19
Member of the BPC/MRS inquiry panel on General Election opinion polls	2015–16
Member of Review Panel 1, Riksbankens Jubileumsfond, Sweden	2016–20
Expert witness to the House of Lords Select Committee on Political polling and digital media	2017

Reviewed grant applications for the Economic and Social Research Council, the National Centre for Research Methods and the British Academy (UK), Social Sciences and Humanities Research Council (Canada), Deutsche Forschungsgemeinschaft (Germany), Netherlands Organisation for Scientific Research, Vetenskapsrådet (Sweden), and the European Science Foundation, and a docenture application for the University of Helsinki (Finland).

Refereed articles for: *American Political Science Review*, *American Sociological Review*, *Biometrics*, *Biostatistics*, *British Journal of Mathematical and Statistical Psychology*, *Community and Applied Social Psychology*, *Demographic Research*, *Demography*, *Economics and Human Biology*, *Electoral Studies*, *Ethnic and Racial Studies*, *European Sociological Review*, *Expert Systems with Applications*, *IIE Transactions on Data Mining and Web Mining*, *International Journal of Epidemiology*, *International Journal of Social Research Methodology*, *Journal of the American Statistical Association*, *Journal of Applied Mathematics & Decision Sciences*, *Journal of Applied Statistics*, *Journal of Educational and Behavioral Statistics*, *Journal of the Korean Statistical Society*, *Journal of Official Statistics*, *Journal of the Royal Statistical Society, Series A*, *Series B*, and *Series C*, *Journal of Statistical Computation and Simulation*, *Journal of Statistical Planning and Inference*, *Lifetime Data Analysis*, *Oxford Bulletin of Economics and Statistics*, *Political Analysis*, *Political Science Research and Methods*, *Policing and Society*, *Population Studies*, *Psychological Methods*, *Psychometrika*, *Public Opinion Quarterly*, *Public Understanding of Science*, *Scandinavian Journal of Statistics*, *Sociological Methodology*, *Sociological Methods & Research*, *Statistical Papers*, *The Statistician*, *Statistics and Computing*, *Statistics in Medicine*, and *Survey Research Methods*

External examiner for Undergraduate courses in Statistics, University of Southampton, 2011–14

University service at the LSE

Service to the School:

Member of the Financial Awards Panel	2002–8
Member of the Data Advisory Body	2004–8
Member of the Survey Review Group	2007
Member of the Research Staff Committee	2010–13
Member of the Advisory group of the LSE Research Festival	2013–14
Member of the Annual review board of the LSE Doctoral Training Centre	2014–16
Member of the Research Development Panel	2015–20
Member of the Senior Common Room Committee	2018–22
Member of the Advisory board, Course Selection Change Project	2019–20
Member of the Promotions Committee	2023–25

Departmental service, Department of Statistics:

Academic Board representative	2010–14
Programme Director and Chair of the Sub-Board of Examiners, MSc Statistics	2007–8; 17–18
Departmental selector, MSc Statistics	2019–22
Programme Director, Departmental selector, and Chair of the Sub-Board of Examiners, MSc Statistics (Social Statistics)	2017–22; 23–

Departmental service, Department of Methodology:

MSc Selector, MSc Social Research Methods (Statistics)	2001–6
Academic Board representative	2010–13
Programme Director, MSc Social Research Methods	2007–8; 09–11; 21–22
Chair of the Sub-Board of Examiners, MSc degrees	2015–16; 21–22; 23–24
Doctoral Programme Director	2011–15; 17–19; 21–22
Chair of the Quantitative Teaching Committee	2011–14; 17–18
Chair of the Teaching Committee	2019–21; 22
Chair of the Research Committee	2021–22
Deputy Head of Department	2012–14; 18–21
Deputy Head of Department (Research)	2021–22
Deputy Head of Department (Teaching)	2022
Head of Department	2014–15