

# Prof. Jose Pina-Sánchez

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I am a Criminologist with a background in Social Statistics. Through my work as a researcher and an educator I seek to shed light on the functioning of the Criminal Justice system to promote transparency and trust.

## Professional Experience

2023–today	<b>Professor in Quantitative Criminology, <i>University of Leeds</i></b>
2020–2023	Associate Professor in Quantitative Criminology, <i>University of Leeds</i>
2015–2020	Lecturer in Quantitative Criminology, <i>University of Leeds</i>
2014–2015	Fellow in Statistics, <i>London School of Economics</i>
2010–2013	Graduate Teaching Assistant in Social Statistics, <i>University of Manchester</i>
2012–2013	ESRC Intern, <i>Sentencing Council for England and Wales</i>
2008–2009	Junior Consultant in Public Policy Evaluation, <i>Quasar Consultores</i>
2007–2008	International Cooperation Intern, <i>Expansion Exterior</i>

## Education

2014–2015	Postgraduate Certificate in Higher Education, <i>London School of Economics</i>
2010–2014	<b>PhD in Social Statistics, <i>University of Manchester</i></b> 'Prevalence, impact, and adjustment of measurement error in retrospective reports of unemployment: An analysis using Swedish administrative data'
2009–2010	MSc in Social Statistics, <i>University of Manchester</i>
2006–2007	MA in International Political Economics, <i>Université Pierre Mendès-France</i>
2001–2005	BSc in Economics, <i>Universidad Autónoma de Madrid</i>

## Funding

2024-2025	Co-I in 'Drink-Driving and Generational Change: Building an Explanation of the Drink-Drive Drop', funded by the <i>Horizons Institute</i> (£3,744)
2024-2025	Consultant in 'Exploring Ethnic Disparities in Stop and Search in Bedfordshire', funded by <i>Bedfordshire Police Force</i> (£6,000)
2024-2028	PhD studentship 'Probation and Partnership-Working: Experiences of Desistance from Crime in Activity Hubs', funded by the <i>ESRC White Rose Doctoral Training Partnership</i> (£74,488)
2024	Consultant in 'Exploratory Study on Unwarranted Disparities in Sentencing in Scotland', funded by the <i>Scottish Sentencing Council</i> (£7,150)
2023-2024	Co-I in 'Low-level drug supply offences: Reimagining sentencing futures', funded by the <i>Economic and Social Research Centre - New Investigator</i> (£14,000)

2023-2027	PhD studentship ‘Exploring external influences on sentence severity across England and Wales’, funded by the <i>Centre for Doctoral Training - Data Analytics and Society</i> (£82,144)
2023-2027	PhD studentship ‘Making community punishments more effective’, funded by the <i>Centre for Doctoral Training - Data Analytics and Society</i> (£82,144)
Declined	PI in ‘Warranted or unwarranted? Developing a robust analytical framework for the estimation of ethnic disparities in sentencing’, funded by the <i>Conselleria de Innovación, Universidades, Ciencia y Sociedad Digital de la Generalitat Valenciana - CIDEGENT</i> (€680,000)
2022-2024	<b>PI in ‘Exploring the nature of ethnic disparities in sentencing through causal inference’, funded by the <i>Economic and Social Research Centre - Secondary Data Analysis Initiative</i> (£295,880)</b>
2021	Consultant in ‘Comparing sentences across jurisdictions and modalities’, funded by the <i>Scottish Sentencing Council</i> (£2,250)
2020-2024	PhD studentship ‘An exploration of the potential of natural language processing techniques in criminal justice agencies using release decisions from the Parole Board’, funded by the <i>Centre for Doctoral Training - Data Analytics and Society</i> (£82,144)
2020-2022	Co-I in ‘Re-counting crime: New methods to improve the accuracy of estimates of crime’, funded by the <i>Economic and Social Research Centre - Secondary Data Analysis Initiative</i> (£87,513)
2020-2022	Consultant in ‘Understanding reasons for potential disproportionality by race/ethnicity and other protected characteristics in CPS decision-making’, funded by the <i>Crown Prosecution Service</i> (£49,760 + £10,800)
2020-2022	Consultant in ‘Improving consistency of sentencing in criminal proceedings - Slovenia’, funded by the <i>European Commission</i> (€19,950)
2019-2020	Co-I in ‘Policing children and families: A study of the police response’, funded by <i>N8 Policing Research Partnership Catalyst Project</i> (£24,375)
2018–2019	Co-I in ‘The Leeds Parks Fund: Developing a model for charitable giving to parks’, funded by <i>Nesta, Heritage Lottery Fund &amp; Big Lottery</i> (£30,055)
2017–2018	PI in ‘Consistency in sentencing: Methodological review and applications to burglary, drugs, and theft offences’, commissioned by the <i>Sentencing Council for England and Wales</i> (£20,000)
2017–2018	PI in ‘Tackling selection bias in sentencing data analysis through Bayesian statistics and elicitation of experts’ opinions’, funded by the <i>National Centre for Research Methods</i> (£106,800)
2017–2018	Co-I in ‘Exploring the impacts of police use of body-worn video in incidents of domestic abuse’, funded by the <i>N8 Policing Research Partnership Catalyst Project</i> (£25,000)
2017	PI in the ‘Evaluation of Sentencing Council fraud guidelines’, commissioned by the <i>Sentencing Council for England and Wales</i> (£10,000)
2016	ESRC Social Science Festival (£1,700), funded by the <i>Economic and Social Research Council</i>
2015–2016	Consultant in the ‘Evaluation of Sentencing Council theft and drugs guidelines’, commissioned by the <i>Sentencing Council for England and Wales</i> (£9,000)
2012–2013	PhD student internship ‘Missing data adjustment in the Crown Court Sentencing Survey’, funded by the <i>Economic and Social Research Council</i> (£7,000)
2010–2014	PhD studentship ‘Prevalence, impact, and adjustment of measurement error in retrospective reports of unemployment: An analysis using Swedish administrative data’, funded by the <i>Economic and Social Research Council</i> (£42,000)

## Peer-Reviewed Articles

- Under Review Pina-Sánchez, J. and Brunton-Smith, I. What is the external validity of sentencing research? A multi-level meta-analysis of race and gender disparities. *Sociological Science*
- Under Review Pina-Sánchez, J. and Guilfoyle, E. Ethnic disparities in sentencing in England and Wales: Review of recent findings. *Journal of Legal Research Methodology*
- Under Review Pina-Sánchez, J., Hamilton, M., and Tennant, P. Modelling unwarranted disparities in sentencing: Distinguishing between good and bad controls. *Journal of Quantitative Criminology*
- 2025 Pina-Sánchez, J., Morales, A., Geneletti, S., Veiga, A., and Guilfoyle, E. (2025). The interrelationship between area deprivation and ethnic disparities in sentencing: An analysis of administrative data from the Crown Court. *Analyses of Social Issues and Public Policy*
- 2024 Guilfoyle, E. and Pina-Sánchez, J. (2024). Racially determined case characteristics: Exploring disparities in the use of sentencing guideline factors in England and Wales. *The British Journal of Criminology*
- 2024 Lewis, S., Pina-Sánchez, J., and Birks, D. (2024). The risk of negative feedback loops in weighted measures of crime severity. *Crime Science*, 13(18):1–5
- 2024 Seyidoglu, H., Dixon, A., Pina-Sánchez, J., Malleson, N., and Farrell, G. (2024). Short, medium, and long-term effects of the COVID-19 pandemic on crime trends in England and Wales. *Crime Science*, 13(6):1–11
- 2024 Brunton-Smith, I., Cernat, A., Pina-Sánchez, J., and Buil-Gil, D. (2024). Estimating the reliability of crime data in geographic areas. *The British Journal of Criminology*, 64(6):1347–1361
- 2024 Pina-Sánchez, J., Geneletti, S., Veiga, A., Morales, A., and Guilfoyle, E. (2024b). Can ethnic disparities in sentencing be taken as evidence of judicial discrimination? *Journal of Legal Research Methodology*, 3(1):54–82
- 2023 Pina-Sánchez, J., Brunton-Smith, I., Cernat, A., and Buil-Gil, D. (2023a). Exploring the impact of measurement error in police recorded crime rates through sensitivity analysis. *Crime Science*, 12(14):1–8
- 2023 Veiga, A., Pina-Sánchez, J., and Lewis, S. (2023). Racial and ethnic disparities in sentencing: What do we know, and where should we go? *The Howard Journal of Crime and Justice*, 62(2):167–182
- 2023 Drápal, J. and Pina-Sánchez, J. (2023). What is the value of judicial experience? exploring judge trajectories using longitudinal data. *Justice Quarterly*, 40(2):211–240
- 2023 Lightowlers, C., Pina-Sánchez, J., and McLaughlin, F. (2023). The role of deprivation and alcohol availability in shaping trends in violent crime. *European Journal of Criminology*, 20(2):738–757
- 2022 Roberts, J. V. and Pina-Sánchez, J. (2022). Sentence reductions for a guilty plea: The impact of the revised guideline on rates of pleas and ‘cracked trials’. *Journal of Criminal Law*, 86(5):327–335
- 2022 **Pina-Sánchez, J., Buil-Gil, D., Brunton-Smith, I., and Cernat, A. (2022). The impact of measurement error in models using police recorded crime rates. *Journal of Quantitative Criminology*, 39(4):975–1002**
- 2022 Cernat, A., Buil-Gil, D., Brunton-Smith, I., Pina-Sánchez, J., and Murrià-Sangenís, M. (2022). Estimating crime in place: Moving beyond residence location. *Crime & Delinquency*, 68(11):2061–2091
- 2022 Pina-Sánchez, J. and Gosling, J. P. (2022). Enhancing the measurement of sentence severity through expert knowledge elicitation. *Journal of Legal Research Methodology*, 2(1):26–45

- 2022 Buil-Gil, D., Brunton-Smith, I., Pina-Sánchez, J., and Cernat, A. (2022). Comparing measurements of crime in local communities: A case study in Islington, London. *Police Practice and Research*, 23(4):489–506
- 2022 Lightowlers, C., Pina-Sánchez, J., and Watkins, E. (2022). Contextual culpability: How drinking and social context impact upon sentencing of violence. *Criminology & Criminal Justice*, 22(3):442–461
- 2021 Pina-Sánchez, J. and Brunton-Smith, I. (2021). Are we all equally persuaded by procedural justice? Measuring the ‘invariance thesis’ using longitudinal data and random effects. *Journal of Developmental and Life-Course Criminology*, 7:449–480
- 2020 Pina-Sánchez, J. and Brunton-Smith, I. (2020). Reassessing the relationship between procedural justice and police legitimacy. *Law & Human Behavior*, 44(5):377–393
- 2020 Pina-Sánchez, J., Brunton-Smith, I., and Guangquan, L. (2020). Mind the step: A more insightful and robust analysis of the sentencing process in England and Wales under the new sentencing guidelines. *Criminology & Criminal Justice*, 20(3):268–301
- 2020 Brunton-Smith, I., Pina-Sánchez, J., and Guangquan, L. (2020). Re-assessing the consistency of sentencing decisions in cases of assault: Allowing for within court inconsistencies. *The British Journal of Criminology*, 60(6):1438–1459
- 2020 Pina-Sánchez, J. and Gosling, J. P. (2020). Tackling selection bias in sentencing data analysis: A new approach based on a scale of severity. *Quality & Quantity*, 54:1047–1073
- 2020 Pina-Sánchez, J. and Harris, L. (2020). Sentencing gender? Investigating the extent and origin of sentencing gender disparities in the Crown Court. *Criminal Law Review*, 1:3–28
- 2020 Marder, I. and Pina-Sánchez, J. (2020). Nudge the judge? Theorising the interaction between heuristics, sentencing guidelines and sentence clustering. *Criminology & Criminal Justice*, 20(4):399–415
- 2019 Pina-Sánchez, J., Grech, D., Brunton-Smith, I., and Sferopoulos, D. (2019b). Exploring the origin of sentencing disparities in the Crown Court: Using text mining techniques to differentiate between court and judge disparities. *Social Science Research*, 84:1–13
- 2019 Pina-Sánchez, J., Koskinen, J., and Plewis, I. (2019c). Adjusting for measurement error in retrospectively reported work histories: An analysis using Swedish register data. *Journal of Official Statistics*, 35(1):203–229
- 2019 Pina-Sánchez, J., Gosling, J. P., Chung, H., Geneletti, S., Bourgeois, E., and Marder, I. (2019a). Have the England and Wales guidelines influenced sentence severity? An empirical analysis using a scale of sentence severity and time-series analyses. *The British Journal of Criminology*, 59(4):979–1001
- 2019 Drápal, J. and Pina-Sánchez, J. (2019). Does the weather influence sentencing? Empirical evidence from Czech data. *International Journal of Law, Crime and Justice*, 56:1–12
- 2019 Pina-Sánchez, J., Roberts, J. V., and Sferopoulos, D. (2019e). Does the Crown Court discriminate against Muslim-named offenders? A novel investigation based on text mining techniques. *The British Journal of Criminology*, 59(3):718–736
- 2018 Roberts, J. V., Pina-Sánchez, J., and Marder, I. (2018). Individualisation at sentencing: The effects of guidelines and ‘preferred’ numbers. *Criminal Law Review*, 2:123–136
- 2017 Pina-Sánchez, J. and Grech, D. (2017). Location and sentencing: To what extent do contextual factors explain between court disparities? *The British Journal of Criminology*, 58(3):529–549
- 2017 Lightowlers, C. and Pina-Sánchez, J. (2017). Intoxication and assault: An analysis of Crown Court sentencing practices in England and Wales. *The British Journal of Criminology*, 58(1):132–154

- 2016 Pina-Sánchez, J. (2016a). Adjustment of recall errors in duration data using SIMEX. *Advances in Methodology and Statistics*, 13(1):27–58
- 2016 Pina-Sánchez, J., Lightowers, C., and Roberts, J. V. (2016). Exploring the punitive surge: Crown Court sentencing practices before and after the 2011 English riots. *Criminology & Criminal Justice*, 17(3):319–339
- 2016 Pina-Sánchez, J. and Linacre, R. (2016). Refining the measurement of consistency in sentencing: A methodological review. *International Journal of Law, Crime and Justice*, 44:68–87
- 2014 Pina-Sánchez, J. and Linacre, R. (2014). Enhancing consistency in sentencing: Exploring the effects of guidelines in England and Wales. *Journal of Quantitative Criminology*, 30(4):731–748
- 2014 Roberts, J. V. and Pina-Sánchez, J. (2014). The role of previous convictions at sentencing in the Crown Court: Some new answers to an old question. *Criminal Law Review*, 8:575–588
- 2014 Pina-Sánchez, J., Koskinen, J., and Plewis, I. (2014). Measurement error in retrospective work histories. *Survey Research Methods*, 8(1):43–55
- 2014 Pina-Sánchez, J. (2014a). Decentralization as a multifaceted concept: A more encompassing index using Bayesian statistics. *Revista Española de Ciencia Política*, 34:9–34
- 2013 Pina-Sánchez, J. and Linacre, R. (2013). Sentence consistency in England and Wales evidence from the Crown Court Sentencing Survey. *The British Journal of Criminology*, 53(6):1118–1138
- 2013 Pina-Sánchez, J., Koskinen, J., and Plewis, I. (2013). Implications of retrospective measurement error in event history analysis. *Metodología de Encuestas*, 15:5–25

## Official Reports

- 2023 Pina-Sánchez, J., Crellin, L., Bild, J., Roberts, J., and Hough, M. (2023d). Sentencing trends in England and Wales (2002-2022). *Sentencing Academy*
- 2023 Pina-Sánchez, J. and Lewis, S. (2023). Understanding reasons for potential disproportionality by race/ethnicity and other protected characteristics in CPS decision-making. *Crown Prosecution Service*
- 2022 Pina-Sánchez, J. and Plesnicar, M. (2022). Public confidence in the slovenian state prosecutors' office. *Center for International Legal Cooperation*
- 2022 Gormley, J., Roberts, J., Pina-Sánchez, J., Tata, C., and Veiga, A. (2022). Methodological challenges of comparative sentencing research. *Scottish Sentencing Council*
- 2022 Roberts, J. V., Bild, J., Pina-Sánchez, J., and Hough, M. (2022). Public knowledge of sentencing practice and trends. *Sentencing Academy*
- 2021 **Isaac, A., Pina-Sánchez, J., and Varela, A. (2021). The impact of three guidelines on consistency in sentencing. *Sentencing Council for England and Wales***
- 2019 Barker, A. and Pina-Sánchez, J. (2019). Charitable giving to parks and green spaces: Public and business opinion in Leeds, UK. *Rethinking Parks*

## Other Publications

- Under Review Pina-Sánchez, J. and Tura, F. (2025). Intersectional disparities in sentencing: An application of MAIHDA to Federal Courts data. In Welch, K., editor, *Research Handbook on Race, Crime, and Justice*. Edward Elgar

- 2025 Roberts, J. V., Bild, J., Cumbo, E., Baker, E., Dingwall, G., Pina-Sánchez, J., and Hough, M. (2025). Response to independent sentencing review call for evidence
- 2024 **Pina-Sánchez, J., Dhami, M., and Gosling, J. P. (2024a). Finding the key case characteristics considered by judges: An application of Bayesian model averaging to theft offences sentenced in the England and Wales Magistrates' Courts. In Fix, M. P. and Montgomery, M., editors, *Research Handbook on Judicial Politics*, pages 450–464. Edward Elgar**
- 2024 UK correspondent in: Aebi, M. F., Caneppele, S., Harrendorf, S., Hacin, R., Hashimoto, Y. Z., Jehle, J. M., Kensey, A., Khan, T. S., Molnar, L., Bórisdóttir, R., Smit, P., and national correspondents (2024). *European Sourcebook of Crime and Criminal Justice Statistics*. 7th edition
- 2024 Smith, A., Hutton, J., Kamperis, S., Lee, W. T., and Pina-Sánchez, J. (2024). Disparities in criminal justice decision-making. VSG Maths for Justice (group B) report. *Mathematics in Industry Reports*
- 2023 Pina-Sánchez, J., Buil-Gil, D., Brunton-Smith, I., and Cernat, A. (2023c). Adjusting for measurement error in police recorded crime counts using Bayesian statistics. *CrimRxiv*
- 2023 Pina-Sánchez, J., Buil-Gil, D., Brunton-Smith, I., Cernat, A., and Varela, A. (2023b). Adjusting for systematic and differential errors using simulations. *CrimRxiv*
- 2023 Pina-Sánchez, J. and Varela, A. (2023). Adjusting for random measurement error and misclassification using SIMEX. *CrimRxiv*
- 2023 Brunton-Smith, I., Cernat, I., Buil-Gil, D., and Pina-Sánchez, J. (2023b). Measuring crime in place: Distinguishing between area victimization versus area offences. *Significance*
- 2023 Brunton-Smith, I., Buil-Gil, D., Pina-Sánchez, J., Cernat, A., and Moretti, A. (2023a). Using synthetic crime data to understand patterns of police under-counting at the local level. In Huey, L. and Buil-Gil, D., editors, *The Crime Data Handbook*. Bristol University Press
- 2023 Seyidoglu, H., Dixon, A., Pina-Sánchez, J., Malleson, N., and Farrell, G. (2023). Post-pandemic? crime in England and Wales to April 2023. *Statistical Bulletin on Crime and Covid-19*
- 2022 Seyidoglu, H., Dixon, A., Pina-Sánchez, J., Malleson, N., and Farrell, G. (2022). 28 months later: Pandemic crime in England and Wales to July 2022. *Statistical Bulletin on Crime and Covid-19*
- 2021 Buil-Gil, D., Pina-Sánchez, J., Brunton-Smith, I., and Cernat, I. (2021). Bad data, worse predictions: How measurement error in crime data affects crime prevention. *CREST Security Review Magazine*
- 2021 Pina-Sánchez, J. (2021). Reexaminando el rol de la justicia procedimental como precursor de legitimidad institucional. *PostC: La PosRevista sobre Crimen, Ciencia y Sociedad de la era PosCovid*, 2
- 2020 Lewis, S., Holdsworth, E., and Pina-Sánchez, J. (2020). Developing the police response to child-to-parent violence. *N8 Policing Research Partnership*
- 2020 Roberts, J. V. and Pina-Sánchez, J. (2020). Victim personal statements in England and Wales. *Current Sentencing Practice News*
- 2019 Pina-Sánchez, J. (2019). Increasing fairness in sentencing by using quantitative research. In *Using Criminological Research to Make a Difference*. Howard League ECAN Bulletin
- 2019 Pina-Sánchez, J., Papadodimitraki, Y., Gosling, J., and Roberts, J. (2019d). Measuring changes in sentence severity: The need for an integrated index. *Current Sentencing Practice News*, 1:6–8

- 2018 | Lister, S., Burn, D., and Pina-Sánchez, J. (2018). Exploring the impacts of police use of body-worn video cameras at incidents of domestic abuse. *N8 Policing Research Partnership*
- 2016 | Pina-Sánchez, J. (2016b). Consistency in sentencing: A research perspective. *Current Sentencing Practice News*, 3:9–11
- 2015 | Pina-Sánchez, J. (2015). Defining and measuring consistency in sentencing. In Roberts, J., editor, *Exploring Sentencing Practice in England and Wales*, pages 76–92. Springer
- 2015 | Roberts, J. V. and Pina-Sánchez, J. (2015). Paying for the past: The role of previous convictions at sentencing in the Crown Court. In Roberts, J., editor, *Exploring Sentencing Practice in England and Wales*, pages 154–172. Springer
- 2014 | Pina-Sánchez, J. (2014b). *Prevalence, impact, and adjustments of measurement error in retrospective reports of unemployment: An analysis using Swedish administrative data*. PhD thesis, University of Manchester
- 2013 | Pina-Sánchez, J. (2013). An empirical analysis of the determinants of guilty plea discount. *Cathie Marsh Centre for Census and Survey Research - Working Papers Series*
- 2012 | Pina-Sánchez, J., Koskinen, J., and Plewis, I. (2012). Measurement error in retrospective reports of unemployment. *Cathie Marsh Centre for Census and Survey Research - Working Papers Series*

## PhD Supervision

- 2023-today | Sophie de Groot: *Exploring the scale, nature and impact of young partner domestic abuse* Funded by the Economic and Social Research Council
- 2023-today | Jade Parker: *Making community punishments more effective*. Funded by the Data Analytics and Society (ESRC) and the Sentencing Academy
- 2023-2024y | Lilly Crellin: *Exploring external influences on sentence severity across England and Wales*. Funded by the Data Analytics and Society (ESRC)
- 2022-2023 | Isabel García Domínguez (visiting student): *Gender disparities in sentencing: An exploration of differences in the case characteristics defining a criminal case, and their effect on sentence severity*. Funded by the British-Spanish Society
- 2022-today | Elizabeth Bourgeois: *Reducing the rate of cracked trials at magistrates' courts in England and Wales*. Funded by the Economic and Social Research Council
- 2022-today | Hyulya Seidoglu: *The effect of the Covid-19 pandemic on the crime rates and hot spots in London*. Republic of Turkey Minister of National Education YLSY bursary
- 2020-today | Erica Kane: *Exploring the potential of natural language processing techniques in criminal justice agencies: An investigation of racial disparities in release decisions from the Parole Board*. Funded by the Data Analytics and Society (ESRC)
- 2020-today | Ana Veiga: *Testing the liberation hypothesis in the diversion of cases from Youth Courts: Is race still a factor in the sentencing process?* Funded by the Economic and Social Research Council

## Undergraduate and Postgraduate Teaching

- 2019-today | **Quantitative Social Research II (module leader): BSc Criminal Justice and Criminology with Quantitative Research Methods**
- 2015-2022 | *Researching Crime, Security & Justice* (module leader): MSc Criminology and MSc Security and Justice - University of Leeds

2015-2021	<i>Researching Crime and Criminal Justice</i> (module leader): BA Criminology and Criminal Justice - University of Leeds
2015-2017	<i>Researching Law</i> (one lecture): LLB Law - University of Leeds
2015-2017	<i>Understanding Crime</i> (four lectures): BA Criminology and Criminal Justice - University of Leeds
2014-2015	<i>Statistical Modelling and Data Analysis</i> (module Leader): BSc Management - London School of Economics
2014-2015	<i>Applied Statistics Project</i> (module leader): Available to all UG degrees - London School of Economics
2014-2015	<i>Survey Methods and Seminars</i> (seminar leader): BSc Management - London School of Economics
2010-2012	<i>Statistical Foundations</i> (seminar leader): MSc Research Methods and Statistics - University of Manchester

## External Teaching

2024	<b><i>Adjustment methods for data quality problems: Missing data, measurement error and misclassification:</i></b> NCRM short course at the University of Leeds
2023	<i>Sensitivity analysis for missing data:</i> ESRC Research Methods e-Festival
2022-2023	External examiner for the data analysis course units from the University of Manchester <i>BA in Criminology</i>
2022	<i>rcme - Recounting crime with measurement error:</i> Interactive workshop at the British Society of Criminology annual conference
2021	<i>Measurement error in the social sciences: Forms, impacts and adjustments:</i> ESRC Research Methods e-Festival
2020	<i>Métodos longitudinales:</i> Online workshop at the Universidad Miguel Hernández
2018	<i>Expert elicitation techniques for social scientists:</i> NCRM short course at the University of Leeds
2018	<i>Introduction to R:</i> Short course at the Sentencing Council for England and Wales
2011-2013	<i>Multilevel modelling</i> (teaching assistant): CMIST (University of Manchester) short course
2011-2012	<i>Introduction to longitudinal data analysis</i> (teaching assistant): CMIST (University of Manchester) short course
2012	<i>Introduction to Bayesian statistics using WinBUGS</i> (teaching assistant): CMIST (University of Manchester) short course
2012	<i>Introduction to causal analysis using STATA</i> (teaching assistant): CMIST (University of Manchester) short course
2012	<i>Multiple imputation</i> (teaching assistant): CMIST (University of Manchester) short course
2011	<i>Introduction to McMC</i> (teaching assistant): CMIST (University of Manchester) short course
2011	<i>Logistic regression</i> (teaching assistant): CMIST (University of Manchester) short course

## Impact



2025	Influenced the debate on sentence solutions to the Crown Court backlog and the need to share sentencing data led by the Ministry of Justice <i>‘Independent Review of the Criminal Courts’</i>
2025	Influenced the debate on sentence inflation led by the Ministry of Justice <i>‘Independent Sentencing Review 2024 to 2025’</i>
2023	Provided evidence to the House of Commons Justice Committee inquiry on <i>Public Opinion and Understanding of Sentencing</i> .
2022	PI in the NCRM Impact Case <i>‘Enhancing the measurement of sentence severity to ensure the accuracy of the sentencing guidelines project’</i>
2022	Co-I in the 4* REF 2021 Impact Case <i>‘Safeguarding and revitalising local authority-led governance of public parks’</i>
2022	Report on public sentencing knowledge cited by the UK Parliament <i>Justice Committee</i> , in the context of exploring the gap between actual and perceived trends in sentence severity
2022	Recommended analytical tool for the adjustment of measurement error on police recorded crime rates, adopted by the <i>Home Office</i> as a strategy to reduce bias in their ‘Police Allocation Formula’
2021	Recommended analytical tools to assess the impact of sentencing guidelines on consistency, adopted by the <i>Sentencing Council for England and Wales</i>
2021	Identification of three aggravating/mitigating factors inconsistently applied (‘commission of offence whilst under the influence of alcohol or drugs’, ‘determination and/or demonstration of steps taken to address addiction or offending behaviour’, and ‘remorse’) redefined in the <i>England and Wales sentencing guidelines</i>
2019	<b>Pina-Sánchez et al. (2019) severity scale adopted by the <i>Sentencing Council for England and Wales</i> to assess the impact of its sentencing guidelines</b>
2019	Influenced the debate around the adoption of sentencing guidelines in <i>Northern Ireland</i>
2018	Influenced the debate around the adoption of sentencing guidelines in the <i>State of Victoria (Australia)</i>
2018	Contribution to the impact assessment of the <i>fraud sentencing guidelines</i> in England and Wales
2018	Contribution to the impact assessment of the <i>drugs sentencing guidelines</i> in England and Wales

## Media Coverage

2023	‘Measurement errors – a challenge in police crime statistics’. <i>poliisi.fi</i> (Finish Police)
2023	<b>‘Defendants of colour more likely to be charged than white people, finds CPS study’</b> . <i>The Guardian</i> . Findings from this study were also covered by <i>The Independent</i> , <i>The Daily Mail</i> , <i>The New York Times</i> , and other national and international newspapers
2019	‘Report explores how public donations could protect future of parks’. <i>LocalGov</i>
2018	‘Offenders with Muslim names are not jailed for longer, study finds’. <i>The Guardian</i>
2018	‘Englantilaistutkijat vertasivat eri tuomioistuinten tuomioita - yhdenmukaisesta linjasta ollaan kaukana’. <i>Karjalainen</i> (Finnish newspaper)

## Invited Presentations

- 2024 Crim Cafe seminar series - University of Manchester: *What is the external validity of sentencing research? A multi-level meta-analysis of offenders' race and gender*
- 2024 Open Science and Open Data in European Criminological Research (University of Cologne): *What is the external validity of sentencing research? A multi-level meta-analysis of offenders' race and gender*
- 2024 Empirical Research Methods in Advancing Legal Knowledge conference (Northumbria University): *The Need for an Empirical Revolution in Criminal Justice Research: Examples from Research on Sentencing Disparities*
- 2024 Data First Seminars (Ministry of Justice): *Ethnic disparities in sentencing: A quick overview of how research in the UK has been transformed thanks to Data First*
- 2024 Causal Inference Interest Group (Turing Institute): *Modelling unwarranted disparities in sentencing: Distinguishing between bad and good controls*
- 2023 Virtual Study Group - International Centre for Mathematical Sciences (Edinburgh): *Maths for Justice*
- 2023 International seminar series - University of Girona: *El falso dilema entre consistencia e individualizacion de las penas*
- 2023 LIDA Societies launch event: *Modelling unwarranted disparities in sentencing: Distinguishing between bad and good controls*
- 2023 University of Nottingham report launch: *Equality and diversity in the work of the Sentencing Council*
- 2022 Contemporary Issues in Sentencing - De Monfort University: *Assessing the robustness of the evidence on ethnic disparities in sentencing*
- 2022 Innovative Methods in Criminology podcast series - University of Hull: *Measurement error in police statistics*
- 2022 **Areas of Research Interest Seminar Series - Ministry of Justice: *Ethnic disparities in sentencing: Warranted or unwarranted?***
- 2022 Methods Hub Seminar Series - University of Hong Kong: *Measurement error in the social sciences*
- 2022 Consumer Data Research Centre 2022 Conference - University of Leeds: *Recounting crime: Project overview and synthetic data*
- 2022 Presentation of findings from 'Understanding reasons for potential disproportionality by race/ethnicity and other protected characteristics in CPS decision-making' to *CPS Directors* and *Chief Crown Prosecutors*
- 2021 PostC - Crimen, Ciencia y Sociedad podcast series: *The recounting crime project*
- 2021 Reading Sessions in Quantitative Criminology - University of Manchester: *Recounting crime: A sensitivity analysis tool to explore the impact of measurement error in police recorded crime rates*
- 2021 Workshop Centro de Estudos Sociais - Universidade de Coimbra: *The England & Wales sentencing guidelines experience*
- 2021 Security Lancaster Seminar - University of Lancaster: *Measurement error in crime data and its implications for explaining and preventing crime*
- 2020 The Parole Board Virtual Member Conference: *Exploring the potential of natural language processing techniques in criminal justice agencies: An investigation of racial disparities in release decisions from the Parole Board*

- 2020 UK Data Service Workshop on Crime Data - University of Manchester & Methods@Manchester: *Secondary data analysis for sentencing research*
- 2019 Q-estival (People, Data and Society) - University of Exeter: *On the need of an empirical revolution in sentencing research*
- 2019 NCRM Research Showcase: *Selection bias in sentencing data analysis*
- 2019 Red EMPIRIC - CRÍMINA (Universidad Miguel Hernández): *Posibilidades metodológicas para realizar sentencing en España*
- 2018 Ministry of Justice analytical services seminar series: *Tackling selection bias in sentencing data analysis: A new approach based on mixture models, expert elicitation techniques, and Bayesian statistics*
- 2018 Centre for the Study of Legal Professional Practice - City Law School: *Collaborating to shape the future of sentencing research - Innovation and impact*
- 2018 Sentencing Council for England and Wales seminar: *Assessing the effect of the guidelines on consistency in sentencing: An empirical strategy based on regression modelling and survey data*
- 2018 ESRC Research Methods Festival: *Tackling selection bias in sentencing data analysis: A new approach based on mixture models, expert elicitation techniques, and Bayesian statistics*
- 2018 Law & Statistics conference - University of Helsinki: *Exploring disparities in sentencing using multilevel modelling: Opportunities and pitfalls*
- 2018 Law & Society seminar - University of Eastern Finland: *Sentencing disparities in the Crown Court: Look at the judge before the court*
- 2017 Centre for Criminal Justice Studies public lecture - University of Leeds: *Criminal sentencing research: A perfect case study to illustrate the importance of methods in the social sciences*
- 2017 Institute of Criminology seminar - University of Cambridge: *Sentencing Council seminar on research*
- 2017 Institute for Criminal Policy Research roundtable discussion - Birkbeck College: *The Sentencing Council for England and Wales: Brake or accelerator on the use of prison?*
- 2015 Centre for Criminology and Criminal Justice PhD conference - University of Leeds: *Is uniformity the price for consistency in sentencing? An analysis of assault offences in England and Wales*
- 2013 School of Law sentencing seminar - University of Oxford: *Sentence consistency in England and Wales: Evidence from the Crown Court Sentencing Survey*
- 2013 Ministry of Justice analytical services seminar series: *The impact of the 2011 assault guideline on sentence consistency*
- 2013 Economics PhD seminar - University of Sussex: *The impact of the 2011 assault guideline on sentence consistency*
- 2013 England and Wales Sentencing Council seminar series: *Methods for the adjustment of missing data: Multiple imputation vs probability weights*
- 2013 England and Wales Sentencing Council seminar series: *Multilevel modelling: An application to the Crown Court Sentencing Survey using SAS*

## Contributed Talks

- 2024 European Society of Criminology annual conference: *What is the external validity of sentencing research? A multi-level meta-analysis of offenders' race and gender*

- 2024 European Society for Empirical Legal Studies annual conference: *Intersectional disparities in sentencing: An application of MAIHDA to the US Federal Courts*
- 2024 Centre for Criminal Justice Studies seminar - University of Leeds: *Estimating the effect of traffic calming initiatives on antisocial behaviour*
- 2024 Empirical Research on Sentencing online workshop on case-level sentencing data in Europe: *Case-level sentencing data in England and Wales*
- 2023 European Society for Empirical Legal Studies annual conference: *Sentencing trends in England and Wales: Assessing changes in punitiveness*
- 2023 European Society of Criminology annual conference: *Modelling unwarranted disparities in sentencing: Distinguishing between bad and good controls*
- 2023 European Society of Criminology annual conference: *The interrelationship between area deprivation and ethnic disparities in sentencing*
- 2022 European Society of Criminology annual conference: *The impact of measurement error in regression models using police recorded crime rates*
- 2022 European Society of Criminology annual conference: *Ethnic disparities in sentencing: Warranted or unwarranted?*
- 2022 International symposium in Environmental Criminology and Crime Analysis: *Recounting crime: Exploring the impact of measurement error in police recorded crime rates through simulations*
- 2021 Congreso Español de Criminología SEIC: *Recounting Crime: Un análisis de sensibilidad para el ajuste de errores de medida en tasas de crimen derivadas de estadísticas policiales*
- 2021 Royal Statistical Society annual conference: *The impact of measurement error in regression models using police recorded crime rates*
- 2020 UK Data Service - Crime survey users conference: *The impact of measurement error in police crime records*
- 2020 University of Ljubljana - Turning the lens, researching sentencers: *Exploring how sentencing factors interact using Bayesian model averaging*
- 2019 European Society of Criminology annual conference: *Are we all equally persuaded by procedural justice? Measuring the 'invariance thesis' using longitudinal data and random effects*
- 2019 University of Sheffield - Methods and Data in Sentencing Research: *What is the value of sentencing experience?*
- 2019 Simposio de Investigación Criminológica SEIC: *Assessing the causal effect of procedural justice on legitimacy using longitudinal data*
- 2019 Socio-Legal Studies Association annual conference *Sentencing gender? Investigating the extent and origin of sentencing gender disparities in the Crown Court*
- 2018 American Society of Criminology annual conference: *Correcting for selection bias in sentence data analysis: An approach based on a scale of severity and Bayesian statistics*
- 2018 Royal Statistical Society annual conference: *Tackling selection bias in sentence data analysis using a severity scale*
- 2018 European Society of Criminology annual conference: *Tackling selection bias in sentence data analysis using a severity scale*
- 2018 British Society of Criminology annual conference: *Have the England and Wales guidelines increased sentencing severity?*
- 2018 Congreso Español de Criminología SEIC-FACE: *Sesgo de seleccion en estudios de sentencias: Una posible solucion basada en la estimacion de una escala de severidad*

2018	North-East Crime Research Network Conference: <i>Have the England and Wales guidelines increased sentencing severity?</i>
2017	European Society of Criminology annual conference: <i>Sentencing disparities in the Crown Court: Look at the judge, not the court</i>
2017	Socio-Legal Studies Association annual conference: <i>Mind the step: A more comprehensive empirical study of the functioning of the England and Wales sentencing guidelines</i>
2017	Centre for Criminal Justice Studies seminar - University of Leeds: <i>Research collaboration on sentencing studies</i>
2016	Society of Legal Scholars annual conference: <i>Location and sentencing: To what extent do contextual factors explain unwarranted between court disparities?</i>
2016	Centre for Criminal Justice Studies seminar - University of Leeds: <i>Measuring proportionality in the England and Wales sentencing guidelines</i>
2015	Statistics and Methodology seminar - London School of Economics: <i>Adjustment of recall errors in duration data using SIMEX</i>
2013	British Society of Criminology annual conference: <i>Sentencing consistency in England and Wales</i>
2013	Social Statistics summer seminar - University of Manchester: <i>Methods for the measurement of consistency in sentencing</i>
2013	Social Statistics work in progress seminar - University of Manchester: <i>A Bayesian index of decentralization</i>
2012	Royal Statistics Society annual conference: <i>Measurement error in retrospective reports of unemployment</i>
2012	Social Statistics work in progress seminar - University of Manchester: <i>Measurement error in retrospective questions with a longitudinal component</i>
2012	Social Statistics work in progress seminar - University of Manchester: <i>SIMEX and other methods for the adjustment of measurement error</i>
2011	Social Statistics work in progress seminar - University of Manchester: <i>Measurement error and its implications</i>

## Events Organised

2025	White Rose Data Analytics & Quantitative Methods PGR Conference. University of Leeds
2024-today	Advanced Quantitative Methods training events. White Rose DTP
2024	Symposium: <i>Ethnic disparities in sentencing in England and Wales: Taking stock and moving forward.</i> London School of Economics
2024	Online Workshop: <i>Case-level sentencing data in Europe.</i> Empirical Research on Sentencing Network
2023	International Symposium: <i>Unwarranted disparities in sentencing: Measurement, causes, and solutions.</i> University of Leeds
2022-today	<b>Social Research Methods Seminar Series. University of Leeds</b>
2022	Empirical Law & Crime Forum roundtable discussion: <i>Mission and vision for the forum.</i> University of Leeds
2018	Quantitative Criminology Seminar Series: <i>Applying the small area estimation techniques to criminological data.</i> University of Leeds

2018	International Symposium: <i>New questions, methods, and data in sentencing research</i> . University of Leeds
2016	Centre for Criminal Justice Studies seminar series: <i>Latest research in the sentencing guidelines</i> . University of Leeds
2016	ESRC Festival of Social Science: <i>Quantitative research in the criminal justice system</i> . University of Leeds
2011-2012	Social Statistics work in progress seminar series. University of Manchester

## Awards

2015	Associate Fellow of the <i>Higher Education Academy</i>
2015	<b>Class Teaching Award, LSE–Statistics</b>
2013	Productivity bonus from the <i>Sentencing Council for England and Wales</i> (£500)

## Administrative Positions

2024-today	Co-lead of the Leeds Institute of Data Analytics program: <i>Science of Data Science</i>
2024-today	Director of Advanced Quantitative Methods of the <i>White Rose Doctoral Training Partnership</i>
2024-today	Member of the <i>ESRC Peer Review College</i>
2023-today	Member of the editorial board of <i>International E-Journal of Criminal Sciences</i>
2022-today	<b>Co-coordinator of the University of Leeds Social Research Methods Centre</b>
2020-today	Member of the review board of the <i>Journal of Legal Research Methodology</i>
2019-today	Member of the scientific committee of the <i>Revista Española de Investigación Criminológica</i>
2019-today	Program manager of the Quantitative Pathway for the <i>BA Criminology and Criminal Justice</i> at the University of Leeds
2019-today	Special advisor of the <i>Sentencing Academy</i>
2020-2025	Member of the editorial board of <i>Quality &amp; Quantity</i>
2025	Member of the editorial board of <i>The British Journal of Criminology</i>
2018-2024	Coordinator of the <i>Empirical Research on Sentencing</i> (ERoS) Network
2020-2023	Member of the editorial board of <i>Criminology &amp; Criminal Justice</i>
2015-2022	Member of the University of Leeds QStep executive committee
2019-2022	Co-coordinator of the <i>Sociedad Española de Investigación Criminológica</i> Quantitative Criminology Working Group
2017-2020	Member of the School of Law research committee at the University of Leeds
2018	Program director of the <i>MSc Criminal Justice and Criminology</i> at the University of Leeds
2018	Program director of the <i>LLM Criminal Justice and Criminal Law</i> at the University of Leeds

2015-today

I have acted as a reviewer for a wide range of academic journals, including *Law & Society Review*, *Nature Human Behavior*, *Law & Human Behavior*, *Psychology*, *Crime & Law*, *Criminology*, the *Journal of Experimental Criminology*, the *European Journal of Criminology*, or the *Journal of Empirical Legal Studies*, to name a few; I have also reviewed articles and grant proposals from research institutions such as *Leverhulme Trust*, the *Australian Institute of Criminology*, the *Czech Science Academy*, the *Sentencing Academy*, the *Sentencing Council for England and Wales*, and the *Economic and Social Research Council*