

CV – Professor Nikos Tzavidis

1. PERSONAL INFORMATION

Full name and title	Professor Nikos Tzavidis
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2. PRESENT APPOINTMENT

Present post	Professor of Statistical Methodology
School / Department	School of Economic Social and Political Sciences
Faculty	Faculty of Social Sciences, University of Southampton

3. PREVIOUS SUBSTANTIVE APPOINTMENTS

Appointment	From	To
Head of School – Economic, Social and Political Sciences	2018	2023
Head of Department – Social Statistics and Demography, University of Southampton	2013	2018
Associate Professor, University of Southampton	2013	2016
Senior Lecturer, University of Southampton	2010	2013
Senior Lecturer, Centre for Census and Survey Research, University of Manchester	2009	2010
Lecturer, Centre for Census and Survey Research, University of Manchester	2007	2009
Lecturer, Institute of Education, Centre for Longitudinal Studies	2005	2007
Research Fellow, Southampton Statistical Sciences Research Institute, University of Southampton	2003	2005
Research and Development (R&D) Department, Statistical Office of the European Commission (EUROSTAT)	1999	2000

4. QUALIFICATIONS (Educational and Professional)

Date	Title of award	Subject	Class	Awarding body
2000-2003	PhD in Statistics	On the use of double sampling schemes to correct for measurement error in discrete longitudinal data		University of Southampton, UK
1999-2000	MSc in Statistics	Statistics		Athens University of Economics, Greece and Catholic University Leuven, Belgium

1993-1997	BSc in Statistics	Statistics	First (Graduated top of the 1993 class)	Athens University of Economics, Greece
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5. MAJOR HONOURS AND DISTINCTIONS

Honour / Distinction	Date awarded
2023 Johann von Spix Professor, University of Bamberg	2022
Appointed on the International Statistical Institute (ISI) Ethics Advisory Board	2022
Elected Vice-President - International Statistical Institute (ISI) /International Association of Survey Statisticians (IASS)	2021
Chair of the Cochran-Hansen and Hukum Chandra ISI/ IASS prize committees	2021
Invited speaker at the United Nations World Data Forum	2021
Advisory Board (Extreme Poverty) – Programme funded by the UK Foreign Commonwealth & Development Office	2020
Research Professor, Sapienza University Rome	2019
Royal Statistical Society representative giving expert evidence to the independent review of subject-level TEF led by Dame Shirley Pearce	2019
Invited keynote lecture series - Jean Monnet Chair, University of Pisa	Since 2019
Author - Discussion paper read at the Royal Statistical Society	2018
TEDx Talk - The serendipity of belonging to the tail of the distribution	2016
Editorial boards of the Journals of the Royal Statistical Society A & C, Journal of Official Statistics and International Statistical Review	Since 2013
Elected - Council of the International Association of Survey Statisticians	2015
Appointed external quality assurance reviewer - MSc in Research Methods and Statistics for the Biomedical, Behavioural and Social Sciences, Utrecht University	2015
External Examiner, MSc in Research Methods and Applied Statistics, University of Manchester	2014
Appointed to the external electorate body of Greek universities	2013
Academic assessor for the Government Statistical Service Civil Service Fast Stream	2013
Office for National Statistics Small Area Estimation Advisory Board	2013
Senate member - University of Southampton	2013
Invited speaker – Graybill Series in Probability and Statistics, Colorado State University - Participation by invitation only	2013
Vice Chancellor’s Teaching Award, University of Southampton	2013
Elected Fellow - International Statistical Institute	2013
Prize – American Statistical Association	2004

6. RESEARCH ACTIVITY

RESEARCH GRANTS AND CONTRACTS

Dates	Award holder(s)	Funding body	Title	Value
2023-2026	Lynn, P. (PI) Maslovskaya, O., (PI), Tzavidis (Co-I), Smith, P.A. (Co-I), Smith, P.W. (Co-I) et al.	ESRC	Survey Research Methods Collaborative Grant	£2,544,000 (Southampton £560,000)
2023-2025	Tatem (PI), Tzavidis (Co-I), Hilton (Co-I) et al.	Bill and Melinda Gates Foundation	WorldPop Global Demographic Data (Global 2)	£1,240,000
2023-2026	Tzavidis, N. (PI), Tatem A. (Co-I) Luna, A. (Co-I)	Foreign Commonwealth & Development Office	Extreme Poverty - DEEP	£275,000
2022	Dash, J. (PI- FELS), Martin, D. (PI - FELS), Tzavidis, N. (PI - FSS)	IAA - ESRC and EPSRC	Funding to create the Southampton Geospatial Initiative	£50,000 - ESRC £10,000 - EPSRC
2022	Lloyd C. (PI), Tzavidis, N. (Co-I)	Southampton Geospatial Initiative	Enhancing EMDI with Geospatial capability	£5,300
2020-2021	Tzavidis, N. (PI), Tatem A. (Co-I) Luna, A. (Co-I)	Foreign Commonwealth & Development Office	Extreme Poverty - DEEP	£90,000
2021-2022	Tzavidis, N. (PI), Luna, A. (Co-I), Hilton, J. (Co-I)	United Nations	Consultancy and capacity building work for the National Statistics Office of Colombia	\$38,591
2018-2019	Tzavidis (PI Southampton), with Browne, W. (University of Bristol)	ESRC	Borrowing strength - A collaborative software development for small area estimation	£98,780
2018-2019	Smith, P.A. (PI), Tzavidis, N. (Co-I)	ESRC	UK Population Laboratory/Longitudinal Studies scoping project	£75,000
2017-2021	Tzavidis, N. (PI), Luna, A. (Co-I), Zhang, L-C (Co-I)	European Union Horizon 2020	H2020 - INFRAIA-01-2016-2017 - InGRID2	€ 9,200,000 (Southampton €356,000)
2017-2020	Tzavidis, N. (PI), Smith, P.A. (Co-I)	European Union Horizon 2020	MAKSWELL-EU H2020	€900,000 (Southampton €125,000)
2017-2022	Smith P.A. (PI), Tzavidis (Co-I) et al.	UK Office for National Statistics	ONS methodology contract	£366,000
2016-2019	Tzavidis, N. (PI)	ESRC	Innovations in small area estimation methodologies	£810,000

2016 -2017	Tzavidis, N. (PI), Smith, P.A. (Co-I)	Welsh Government	Estimating survey discontinuities	£50,000
2012-2016	Tzavidis, N. (PI)	EU – FP7	INGRID 1	€ 6,452,640 (Southampton €171,237.60)
2016-2020	Tzavidis, N. (Co-I) Joint with CORMSIS	HMRC	Contract for provision of statistical training. Social Statistics and Demography to deliver 3 modules each year.	Individual modules priced between £8,000 and £12,000
2014-2015	Tzavidis, N. (PI)	Government of Mexico	Consultancy contract on Small Area Estimation in Mexico	\$15,000
2012-2015	Nikos Tzavidis (Co- I) Joint UCL colleagues	ESRC	Pathways from environmental risk to children's psychological maladjustment and resilience	£358,000
2010-2015	Skinner, C.J. (PI), Nikos Tzavidis (Co- I) et al.	UK Office for National Statistics	Statistical Methodology Contract – Carrying out methodological research in the area of sample surveys in particular, taking care of the small area estimation.	£950,000
2012-2013	Tzavidis, N. (Co-I) with applicants from Liverpool, Leeds, and Sheffield	ESRC/NCRM	NCRM Network on small area estimation	Budget allocated for networking and travelling costs.
2012-2013	Tzavidis, N (Co-I)	Netherlands Central Bureau of Statistics	Robust domain prediction for business surveys	€114,000
2010-2012	Angela Dale (PI), Tzavidis, N. (Co-I)	ESRC	Research impact seminar series	£17,900
2008-2011	Tzavidis, N. (PI)	EU-FP7	Small Area Methods for Poverty and Living Condition Estimates	€953,322,4 (Southampton €100,000)

2008-2011	Brown, J. (PI), Tzavidis, N. (Co-I)	ESRC	ADMIN: Administrative Data - Methods, Inference and Network	£19,369.00
2007-2009	Flouri, E. (PI), Tzavidis, N. (Co-I)	British Academy	Early contextual risk and children's emotional and behavioural problems at age 3	£92,000

PUBLICATIONS

Contribution to journal - Article
Tzavidis, N. (2025). Small Area Estimation in the era of machine learning and alternative data sources: Opportunities, challenges and outlook. To appear in the <i>Journal of Official Statistics</i>. Garbett, A., Neal, S., Luna, A., & Tzavidis, N. (2025). Reframing the relationship between fertility and education in adolescence: 60 years of evidence from Latin America. To appear in <i>Population and Development Review</i>. Edochie, I., Newhouse, D., Tzavidis, N., Schmid, T., Foster, E. Luna, A., Ouedraogo, A., Sanoh, A. & Savadogo, A. (2024). Small area estimation of poverty in four West African countries by integrating survey and geospatial data. <i>Journal of Official Statistics</i>, DOI: 10.1177/0282423X241284890. Merlo, L., Petrella, L., Salvati, N., & Tzavidis, N. (2023). Unified unconditional regression for multivariate quantiles, M-quantiles and expectiles. <i>Journal of the American Statistical Association</i>, DOI: 10.1080/01621459.2023.2250512. Garbett, A., Neal, S., Luna, A., & Tzavidis, N. (2023). Unmasking thirty years of change in subnational parity-specific adolescent fertility in Mexico. <i>Demographic Research</i>, DOI: 10.4054/DemRes.2023.49.15 Dawber, J., Würz, N., Smith, P. A., Flower, T., Thomas, H., Schmid, T., & Tzavidis, N. (2022). (Accepted/In press). Experimental UK regional consumer price inflation with model-based expenditure weights. <i>Journal of Official Statistics</i>, DOI: 10.2478/jos-2022-0010 Thomson, R.D., Leasure, R.D., Bird, T., Tzavidis, N. & Tatem, A. J. (2022). How accurate are WorldPop-Global gridded population data at the cell-level?: A simulation analysis in urban Namibia. <i>PLOS ONE</i>, DOI: 10.1371/journal.pone.0271504 Dawber, J., Fabrizi, E., Salvati, N. & Tzavidis, N. (2022). Expectile regression for multicategory discrete outcomes with application to estimating labour market characteristics for local areas. <i>To appear, Journal of the Royal Statistical Society A</i>, DOI: 10.1111/rssa.12953 Würz, N., Schmid, T., & Tzavidis, N. (2022). Estimating regional income indicators under transformations and access to limited population auxiliary information. <i>Journal of the Royal Statistical Society: Series A (Statistics in Society)</i> - Accepted/In press.

- Dawber, J., Salvati, N., Fabrizi, E., & Tzavidis, N. (2022). Expectile regression for multicategory outcomes with application to small area estimation of labour force participation. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*, 185(S2), S590-S619. <https://doi.org/10.1111/rssa.12953>
- Dawber, J., Würz, N., Smith, P. A., Flower, T., Thomas, H., Schmid, T., & Tzavidis, N. (2022). Experimental UK regional consumer price inflation with model-based expenditure weights. *Journal of Official Statistics*, 38(1), 213-237. <https://doi.org/10.2478/jos-2022-0010>
- Thomson, D. R., Leasure, D. R., Bird, T., Tzavidis, N., & Tatem, A. J. (2022). How accurate are WorldPop-Global-Unconstrained gridded population data at the cell-level? A simulation analysis in urban Namibia. *PLoS ONE*, 17(7 July), e0271504. [e0271504]. <https://doi.org/10.1371/journal.pone.0271504>
- Merlo, L., Petrella, L., Salvati, N., & Tzavidis, N. (2022). Marginal M-quantile regression for multivariate dependent data. *Computational Statistics & Data Analysis*, 173, [107500]. <https://doi.org/10.1016/j.csda.2022.107500>
- Merlo, L., Petrella, L., & Tzavidis, N. (2022). Quantile mixed hidden Markov models for multivariate longitudinal data: an application to children's Strengths and Difficulties Questionnaire scores. *Journal of the Royal Statistical Society, Series C (Applied Statistics)*, 71(2), 417-448. <https://doi.org/10.1111/rssc.12539>
- Walter, P., Gross, M., Schmid, T., & Tzavidis, N. (2021). Domain prediction with grouped income data. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*, 184(4), 1501-1523. <https://doi.org/10.1111/rssa.12736>
- Smith, P. A., Bocci, C., Tzavidis, N., Krieg, S., & Smeets, M. JE. (2021). Robust estimation for small domains in business surveys. *Journal of the Royal Statistical Society, Series C (Applied Statistics)*, 70(2), 312-334. <https://doi.org/10.1111/rssc.12460>
- Marchetti, S., & Tzavidis, N. (2021). Robust estimation of the Theil index and the Gini coefficient for small areas. *Journal of Official Statistics*. <https://doi.org/10.2478/jos-2021-0041>
- Alfò, M., Marino, F., Ranalli, M. G., Salvati, N., & Tzavidis, N. (2020). M-quantile regression for multivariate longitudinal data with an application to the Millennium Cohort Study. *Journal of the Royal Statistical Society: Series C (Applied Statistics)*, 70(1), 122-146. <https://doi.org/10.1111/rssc.12452>
- Steorts, R., Schmid, T., & Tzavidis, N. (2020). Smoothing and benchmarking for small area estimation. *International Statistical Review*, 88(3), 580-598. <https://doi.org/10.1111/insr.12373>
- Groß, M., Kreutzmann, A. K., Rendtel, U., Schmid, T., & Tzavidis, N. (2020). Switching between different non-hierarchical administrative areas via simulated geo-coordinates: A case study for student residents in Berlin. *Journal of Official Statistics*, 36(2), 297-314. <https://doi.org/10.2478/jos-2020-0016>
- Rojas-Perilla, N., Pannier, S., Schmid, T., & Tzavidis, N. (2019). Data-driven transformations in small area estimation. *Journal of the Royal Statistical Society. Series A: Statistics in Society*, 183(1), 121-148. <https://doi.org/10.1111/rssa.12488>
- Kreutzmann, A. K., Pannier, S., Rojas-Perilla, N., Schmid, T., Templ, M., & Tzavidis, N. (2019). The R package emdi for the estimation and mapping of regional disaggregated indicators. *Journal of Statistical Software*, 91(7). <https://doi.org/10.18637/jss.v091.i07>
- Bianchi, A., Fabrizi, E., Salvati, N., & Tzavidis, N. (2018). Estimation and testing in M-quantile regression with applications to small area estimation. *International Statistical Review*. <https://doi.org/10.1111/insr.12267>

Tzavidis, N., Zhang, L.-C., Luna Hernandez, A., Schmid, T., & Rojas-Perilla, N. (2018). From start to finish: a framework for the production of small area official statistics. *Journal of the Royal Statistical Society. Series A: Statistics in Society*, 181(4), 927-979. <https://doi.org/10.1111/rssa.12364>. [Read before The Royal Statistical Society at a meeting organized by the Official Statistics Section on Wednesday, May 9th, 2018, Mr M. Baxter in the Chair]

Marino, M. F., Tzavidis, N., & Alfo, M. (2018). Mixed hidden Markov quantile regression models for longitudinal data with possibly incomplete sequences. *Statistical Methods in Medical Research*, 27(7), 2231-2246. <https://doi.org/10.1177/0962280216678433>

Tzavidis, N., Zhang, L.-C., Pfeiffermann, D., & Lahiri, P. (2017). Preface to the papers on 'Small area estimation'. *Journal of the Royal Statistical Society. Series A: Statistics in Society*, 180(4), 1035-1037. <https://doi.org/10.1111/rssa.12331>

Groß, M., Rendtel, U., Schmid, T., Schmon, S., & Tzavidis, N. (2016). Estimating the density of ethnic minorities and aged people in Berlin: multivariate kernel density estimation applied to sensitive geo-referenced administrative data protected via measurement error. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*, 180(1), 161-183. <https://doi.org/10.1111/rssa.12179>

Tzavidis, N., Salvati, N., Schmid, T., Flouri, E., & Midouhas, E. (2016). Longitudinal analysis of the strengths and difficulties questionnaire scores of the Millennium Cohort Study Children in England using M-quantile random-effects regression. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*, 179(2), 427-452. <https://doi.org/10.1111/rssa.12126>

Borgoni, R., Del Bianco, P., Salvati, N., Schmid, T., & Tzavidis, N. (2016). Modelling the distribution of health-related quality of life of advanced melanoma patients in a longitudinal multi-centre clinical trial using M-quantile random effects regression. *Statistical Methods in Medical Research*. <https://doi.org/10.1177/0962280216636651>

Schmid, T., Tzavidis, N., Munnich, R., & Chambers, R. (2016). Outlier robust small area estimation under spatial correlation. *Scandinavian Journal of Statistics*, 43(3), 806-826. <https://doi.org/10.1111/sjos.12205>

Chambers, R., Salvati, N., & Tzavidis, N. (2016). Semiparametric small area estimation for binary outcomes with application to unemployment estimation for local authorities in the UK. *Journal of the Royal Statistical Society: Series A (Statistics in Society)*, 179(2), 453-479. <https://doi.org/10.1111/rssa.12123>

Flouri, E., Midouhas, E., Joshi, H., & Tzavidis, N. (2014). Emotional and behavioural resilience to multiple risk exposure in early life: the role of parenting. *European Child & Adolescent Psychiatry*, 1-11. <https://doi.org/10.1007/s00787-014-0619-7>

Borgoni, R., De Francesco, D., De Bartolo, D., & Tzavidis, N. (2014). Hierarchical modeling of indoor radon concentration: how much do geology and building factors matter? *Journal of Environmental Radioactivity*, 138, 227-237. <https://doi.org/10.1016/j.jenvrad.2014.08.022>

Olcese, C., Saunders, C., & Tzavidis, N. (2014). In the streets with a degree: How political generations, educational attainment and student status affect engagement in protest politics. *International Sociology*, 29(6), 525-545. <https://doi.org/10.1177/0268580914551305>

Fabrizi, E., Salvati, N., Pratesi, M., & Tzavidis, N. (2014). Outlier robust model-assisted small area estimation. *Biometrical Journal*, 56(1), 157-175. <https://doi.org/10.1002/bimj.201200095>

- Tzavidis, N., Ranalli, M. G., Salvati, N., Dreassi, E., & Chambers, R. (2014). Robust small area prediction for counts. *Statistical Methods in Medical Research*. <https://doi.org/10.1177/0962280214520731>
- Chambers, R. L., Chandra, H., Salvati, N., & Tzavidis, N. (2013). Outlier robust small area estimation. *Journal of the Royal Statistical Society: Series B (Statistical Methodology)*, *n/a*, 1-23. <https://doi.org/10.1111/rssb.12019>
- Fabrizi, E., Giusti, C., Salvati, N., & Tzavidis, N. (Accepted/In press). Mapping average equivalized income using robust small area methods. *Papers in Regional Science*.
- Marchetti, S., Tzavidis, N., & Pratesi, M. (2012). Non-parametric bootstrap mean squared error estimation for M-quantile estimators of small area averages, quantiles and poverty indicators. *Computational Statistics & Data Analysis*, *56*(10), 2889-2902. <https://doi.org/10.1016/j.csda.2012.01.023>
- Giusti, C., Tzavidis, N., Pratesi, M., & Salvati, N. (Accepted/In press). Resistance to outliers of M-quantile and robust random effects small area models. *Communications in Statistics - Simulation and Computation*.
- Chandra, H., Salvati, N., Chambers, R., & Tzavidis, N. (2012). Small area estimation under spatial nonstationarity. *Computational Statistics & Data Analysis*, *56*(10), 2875-2888. <https://doi.org/10.1016/j.csda.2012.02.006>
- Flouri, E., Mavroveli, S., & Tzavidis, N. (Accepted/In press). Cognitive ability, neighborhood deprivation, and young children's emotional and behavioral problems. *Social Psychiatry and Psychiatric Epidemiology*.
- Flouri, E., & Tzavidis, N. (2011). Non-verbal reasoning ability and academic achievement as moderators of the relation between adverse life events and emotional and behavioural problems in early adolescence: the importance of moderator and outcome specificity. *Child Psychiatry & Human Development*, *42*(1), 42-52. <https://doi.org/10.1007/s10578-010-0201-6>
- Chambers, R. L., Chandra, H., & Tzavidis, N. (2011). On bias-robust mean squared error estimation for pseudo-linear small area estimators. *Survey Methodology*, *37*(2), 153-170.
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- Flouri, E., Tzavidis, N., & Kallis, C. (2010). Area and family effects on the psychopathology of the millennium cohort study children and their older siblings. *Journal of Child Psychology and Psychiatry*, *51*(2), 152-161. [https://doi.org/10.1111/\(ISSN\)1469-7610](https://doi.org/10.1111/(ISSN)1469-7610)
- Flouri, E., Mavroveli, S., & Tzavidis, N. (2010). Modeling risks: effects of area deprivation, family socio-economic disadvantage and adverse life events on young children's psychopathology. *Social Psychiatry and Psychiatric Epidemiology*, *45*(6), 611-619. <https://doi.org/10.1007/s00127-009-0101-x>
- Tzavidis, N., Marchetti, S., & Chambers, R. (2010). Robust estimation of small-area means and quantiles. *Australian & New Zealand Journal of Statistics*, *52*(2), 167-186. <https://doi.org/10.1111/j.1467-842X.2010.00572.x>
- Salvati, N., Tzavidis, N., Pratesi, M., & Chambers, R. (2010). Small area estimation via M-quantile geographically weighted regression. *Test*. <https://doi.org/10.1007/s11749-010-0231-1>
- Salvati, N., Pratesi, M., Tzavidis, N., & Chambers, R. L. (2009). Spatial m-quantile models for small area estimation. *Statistics in Transition*, *10*(2), 251-267.

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Flouri, E., & Tzavidis, N. (2008). Psychopathology and prosocial behavior in adolescents from socio-economically disadvantaged families: the role of proximal and distal adverse life events. *European Child & Adolescent Psychiatry*, 17(8), 498-506. <https://doi.org/10.1007/s00787-008-0693-9>

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Tzavidis, N., & Lin, Y-X. (2004). Estimating from cross-sectional categorical data subject to misclassification and double sampling: moment-based, maximum likelihood and quasi-likelihood approaches. *Journal of Applied Mathematics and Decision Sciences*, 2006(42030), 1-13. <https://doi.org/10.1155/JAMDS/2006/42030>

Selected Chapters in Book/Report/Conference proceeding

van den Brakel, J., Smith, P. A., Elliott, D., Krieg, S., Schmid, T., & Tzavidis, N. (2021). Assessing discontinuities and rotation group bias in rotating panel designs. In P. Lynn (Ed.), *Advances in Longitudinal Survey Methodology* (pp. 399-423). Wiley.

Tzavidis, N. and Marchetti, S. (2016). Robust Domain Estimation of Income-based Inequality Indicators. In *Analysis of Poverty Data by Small Area Estimation* – Pratesi, M. (eds.). Wiley Series in Survey Methodology.

Fabrizi, E., Giusti, C, Salvati, N. and Tzavidis, N. (2014). Small area estimation using geographically weighted robust regression. An application to the mapping of average equivalized income. In *Spatial Analysis and Location Modelling in Urban and Regional Systems* - Thill, J. C. (ed.). Springer Advances in Geographic Information Science.

Tzavidis, N., Marchetti, S., & Donbavand, S. (2013). Outlier robust semi-parametric small area methods for poverty estimation. In G. Betti, & A. Lemmi (Eds.), *Poverty and Social Exclusion: New Methods of Analysis*. Routledge Advances in Social Economics.

Book/Report – Selected commissioned reports

Jasper, P., Luna Hernandez, A., Scott, M., Tzavidis, N. (2021). How can new technology support better measurement of extreme poverty? *Data and Evidence to end extreme poverty - FCDO funded report*. <https://doi.org/10.55158/DEEPWP2>

Tarp, F. Tzavidis, N. Lanjouw, P. & Scott, L. (2021). Understanding how the pandemic is shaping extreme poverty: can big data help?. *Data and Evidence to end extreme poverty - FCDO funded report published for the 2021 International Day for the Eradication of Poverty 2021*. <https://povertyevidence.org/understanding-how-pandemic-shaping-extreme-poverty-can-big-data-help/>

van den Brakel, J., de Jong, T., Smith, P. A., Tzavidis, N., Bacchini, F., Di Consiglio, L., Ferruzza, A., Palma, A. L., Tagliacozzo, G., Tuoto, T., Köhlmann, M., Rosenski, N., Schartner, C., Caratiola, C., Ertz, F., Güdemann, L., Munnich, R., Giusti, C., & Pratesi, M. (2020). *Deliverable 2.3 - Research needs in terms of statistical methodologies and new data*. Makswell. https://www.makswell.eu/attached_documents/output_deliverables/deliverable_2.3.pdf

Zimmermann, T., Polidoro, F., di Leo, F., Fedeli, M., Burger, J., van den Brakel, J., Pratesi, M., Giusti, C., Marchetti, S., Biggeri, L., Bertarelli, G., Schirripa Spagnolo, F., Laureti, T., Benedetti, I., Smith, P. A., Dawber, J., Tzavidis, N., Luna Hernandez, A., O'Donoghue, J., ... Wölwer, A-L. (2020). *Deliverable 3.2 - Guidelines for best practices implementation for transferring methodology*. (Regional poverty measurement as a prototype for modern indicator methodology). Makswell. https://www.makswell.eu/attached_documents/output_deliverables/deliverable_3.2.pdf

van den Brakel, J., Krieg, S., Smith, P. A., Tzavidis, N., Ertz, F., & Munnich, R. (2019). *Deliverable 4.3 - Report on survey discontinuities*. Makswell. https://www.makswell.eu/attached_documents/output_deliverables/deliverable_4.3.pdf

Tzavidis, N. (2015). Review of the Office for National Statistics methodology for producing population estimates for small areas.

Non-textual form - Software

EMDI: Estimating and mapping disaggregated indicators.

<https://cran.r-project.org/web/packages/emdi/index.html>;
<https://www.jstatsoft.org/article/view/v091i07>

Small Area estimation Software - BETA version, available from:
<http://www.sample-project.eu/en/the-project/deliverables-docs.html>

7. CONTRIBUTIONS TO ENTERPRISE

Summary of selected knowledge exchange and enterprise revenue generation, grants and contracts	
Dates	Nature of contribution
2020 - 2024	CPD and technical advice on extreme poverty estimation – Activity funded by the World Bank and FCDO
2022	EPSRC/ESRC IAA funding through the Southampton Geospatial Initiative to enhance the open-source software EMDI with geospatial capabilities £5,300
2022	ESRC - IAA funding for setting up the Southampton Geospatial Initiative. ESRC – £50,000 and EPSRC -£10,000

2021	Consultancy and capacity building contract for the National Statistics Office of Colombia funded by the UN - \$38,591
Multiple contracts in the last 10 years	KEE elements of ONS methodology contracts (Table 7d)
2016 - 2017	HMRC contract for provision of statistical training. Social Statistics and Demography to deliver 3 modules each year. Individual modules priced between £8,000 and £12,000
2014 - 2015	Consultancy contract on Small Area Estimation in Mexico. Funded by the Government of Mexico - \$15,000
2012 - 2013	NCRM Network on small area estimation. Funded by ESRC/NCRM. Budget allocated for networking and travelling costs.
2012 - 2013	Robust domain prediction for business surveys. Funded by the Netherlands Central Bureau of Statistics - €114,000

8. CONTRIBUTIONS TO LEADERSHIP, MANAGEMENT, AND ENGAGEMENT

School-level

Dates	Nature of contribution
2018 - 2023	Head of School – Economic, Social and Political Sciences
2018 - 2023	Leading on all aspects linked to the School's Research, Education and Enterprise strategic objectives, ED&I, financial management, human resources, and resource allocation
2022 - 2023	Leading the School's contribution to training for the ESRC – SCDTP bid for renewal
2019 - 2023	School lead on TNE - SUFE and UoS Malaysia
2020 - 2023	Leading the School-level work on the portfolio of new UG research methods modules
2021- 2023	Leading the work on PGT credit architecture
2018 - 2023	Chairing the School's Management Group and the Health and Safety forum
2018 - 2023	Chairing the School's promotions panels
2018 - 2023	Leading the School's Athena SWAN work and EDI
2018 - present	REF champion for statistics cluster for UoA 10 – Mathematical Sciences
2018 - 2023	Line management for L4 – L6 and as HoS for all Professorial staff in the School.
2020 - 2023	Leading the work for improving the School's estate
2018 - 2023	Leading the School's QS rankings project
2014 - 2018	Head of Department – Social Statistics and Demography
2014	Led the successful application for the European Masters in Official Statistics (EMOS).
2010-2014	Director of PGT programmes

Faculty-level

Dates	Nature of contribution
2020 -2023	Member of the SUFE Management Committee and UoS Malaysia campus Liaison group
2021	Academic lead for the appointment of the new FSS Associate Deans
2018 - 2023	Member of the FSS Faculty Operating Board and Faculty committees
2018 - 2023	Representing ESPS at Faculty-level for REF purposes
2015 - 2018	Deputy Director Southampton Statistical Sciences Research Institute
2012-2014	Co-led the design, implementation, and teaching of the quantitative RESM modules part of the ESRC Doctoral Training Centre

University-level

Dates	Nature of contribution
2021	Member of the steering board of the Southampton Geospatial Initiative
2021 - 2023	Member of the University Programme Approval and Review Steering Group
2019 - 2023	Member of the SUFE Management Committee
2019	FSS representative on the University-level committee reviewing the shape of administrative teams
2018 - 2023	Representing the School at University-level REF meetings
2018 - present	Investigator and Chair of University disciplinary panels
2013 – 2016	Member of the Senate of the University of Southampton.
2013	Lead and sole author of an impact case study submitted to REF 2014 in UoA 10 – Mathematical Sciences.

9. STAFF DEVELOPMENT AND TRAINING

Recent examples of staff development and training activities undertaken

Dates	Activity	Hours
2022	Southampton Leadership Management course	20
2019 - 2022	Completed all mandatory online training including the latest cybersecurity training	Multiple courses
2020	Training on new systems for online delivery of education	Multiple events on Microsoft teams and Blackboard collaborate
2020	School level Mental Health Training	2

10. ACADEMIC AND PROFESSIONAL ACTIVITIES OUTSIDE THE UNIVERSITY

External academic positions

2023 Johann von Spix Professor University of Bamberg
Research professor, Sapienza University Rome (2019)
Visiting academic – National Institute for Applied Statistics Research (NIASRA), Australia (2015)

Positions of distinction nationally and internationally

Vice-President (elected) - International Statistical Institute/International Association of Survey Statisticians
Member of International Statistical Institute Ethics Advisory Board
Member of the Royal Statistical Society Data Ethics and Governance Board
Executive Council of the International Statistical Institute/International Association of Survey Statisticians
Elected Fellow - International Statistical Institute
Chair of the Cochran-Hansen & Hukum Chandra Prizes committees
Member of the Advisory Board of FCDO-funded research on extreme poverty
Consultant for the United Nations and the World Bank
External assessor for promotions panels in publicly funded Greek Universities
Academic assessor for the Government Statistical Service Civil Service Fast Stream
Council member of the European network on Small Area Estimation

Editorial board appointment

Journal of the Royal Statistical Society C
Journal of the Royal Statistical Society A (currently Joint Editor)
International Statistical Review
Journal of Official Statistics
Journal of the Indian Society of Agricultural Statistics
National Statistics Journal of Colombia

External examiner (Programme)

External quality assurance reviewer, MSc in Research Methods and Statistics, Utrecht University
External Examiner, MSc in Research Methods and Statistics, University of Manchester

Editing of textbooks or other scholarly output

Guest Editor of special issue on small area estimation (2018) for the Journal of the Royal Statistical Society A

Organising/delivering an external workshop, seminar or course/CPD

CPD courses (small area estimation, poverty mapping, applied quantile regression, longitudinal data analysis) at the Bangladesh Bureau of Statistics, Jean Monnet Chair University of Pisa, University of Bamberg, University of Bristol. In previous years, CPD training at the Australian Bureau of Statistics and at the National Statistics Offices of Brazil and Colombia

Policy engagement

Representing the Royal Statistical Society giving evidence to the independent review of subject-level TEF led by Dame Shirley Pearce

Member of the advisory board of the New Deals for Communities Programme

11. COMMUNITY ACTIVITIES

Until 2016 I was trustee for the Child Growth Foundation (CGF), the leading charity in the UK for people with growth disorders. CGF

- Supports and encourages all children or adults with growth disorders, and their families.
- Promotes and funds research into the causes and cure of growth and endocrine disorders, and publish the results
- Educates the public and supports/advises medical professionals, in the challenges those with growth and endocrine disorders are likely to face.
- Encourages medical professionals at all levels to monitor growth and development. CGF provides training and equipment to ensure that all growth measuring is undertaken accurately and appropriately.

TEDx Talk - The serendipity of belonging to the tail of the distribution (2016). Talk delivered at TEDx Lesvos a year after the 2015 refugee crisis in Europe.

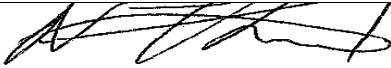
Referees

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Signed	
Date	05/05/2025