

Dr. Apostolos Davillas

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Academic Employment

- 30 August 2022 – Assistant Professor,
Department of Economics, University of Macedonia, Greece.
- 2020 – 22/8/2022 Associate Professor and (previously) Lecturer in Health Economics,
University of East Anglia (UEA), U.K.
- 11/2013 – 2019 Research Fellow (tenured) & (previously) postdoctoral researcher
Institute for Social and Economic Research, University of Essex, U.K.

Academic Qualifications

- 3/2014 Ph.D. in Economics,
Department of Economics, University of Patras, Greece.
Thesis title “Essays in the Economics of Obesity”
- 2008 M.Sc. in Health Economics (merit),
Department of Economics and Related Studies, University of York, U.K.
- 2007 B.Sc. in Economics (distinction),
Department of Economics, University of Patras, Greece.
- 2013 B.Sc. in Business Administration,
Department of Business Administration, University of Patras, Greece.

External activity (selected)

- 2018 – 2021 Program Chair, International Health Economics Association (iHEA)
Scientific Committee (Basel 2019; 2021 Virtual Congress; 2023 Cape Town)
- 2020 – Assessor, Australian Research Council (ARC)
- 2020 – Higher Education Academy Fellow
- 2020 – Research Fellow: [Global Labour Organisation \(GLO\)](#)
- 2020 – Research Fellow: [RWI Research Network](#)
- 2020 – Research Associate: [IZA - Institute of Labor Economics, Bonn](#)
- 2020 – Research Associate: [ISER, University of Essex](#)
- 2018 – Research Affiliate: [Health Econometrics and Data Group, University of York](#)
- 2017 – Founding member; Economics of Obesity iHEA Special Interest Group

Publications

In refereed journals

1. Brunori, P., Davillas, A., Jones, A.M., Scarchilli, G. Model-based Recursive Partitioning to Estimate Unfair Health Inequalities in the United Kingdom Household Longitudinal Study. *Journal of Economic Behaviour & Organization* - accepted, in press.

2. Carrieri, V., Davillas, A., Jones, A.M., (2022). Equality of opportunity and the expansion of higher education in the UK. *Review of Income and Wealth*, <https://doi.org/10.1111/roiw.12613>.
3. Gao, X., Davillas, A., Jones, A.M. (2022). The COVID-19 Pandemic and Its Impact on Socioeconomic Inequality in Psychological Distress in the UK: An Update. *Health Economics*, 31(5), 912-920.
4. Davillas, A., Burlinson, A., Liu Hui-Hsuan (2022). Getting warmer: fuel poverty, objective and subjective health and well-being. *Energy Economics*, 105794.
5. Davillas, A., Jones, A. M. (2021). The implications of self-reported body weight and height for measurement error in BMI. *Economics Letters*, 110101.
6. Sinha, K., Davillas, A., Jones, A. M., Sharma, A. (2021). Do socioeconomic health gradients persist over time and beyond income? A distributional analysis using UK biomarker data. *Economics & Human Biology*, 101036.
7. Burdett, A., Davillas, A., Etheridge, B. (2021). Weather, mental health and mobility during the first wave of the Covid-19 pandemic. *Health Economics*, 30(9), 2296-2306.
8. Davillas, A., Jones, A.M. (2021). The first wave of the COVID-19 pandemic and its impact on socioeconomic inequality in psychological distress in the UK. *Health Economics*, 30(7), 1668-1683.
9. Davillas, A., Jones, A.M. (2021). Unmet health care need and income-related horizontal equity in use of health care during the COVID-19 pandemic. *Health Economics*, 30(7), 1711-1716.
10. Davillas, A., Pudney, S. (2020). Biomarkers, disability and health care demand. *Economics & Human Biology*, 39, 100929.
11. Davillas, A., Pudney, S. (2020). Using biomarkers to predict healthcare costs: Evidence from a UK household panel. *Journal of Health Economics*, 73, 102356.
12. Davillas, A., Jones, A.M. (2020). Regional inequalities in adiposity in England: distributional analysis of the contribution of individual-level characteristics and the small area obesogenic environment. *Economics & Human Biology*, 38, 100887.
13. Carrieri, V., Davillas, A., Jones, A.M. (2020). A latent class approach to inequity in health using biomarker data. *Health Economics*, 29(7), 808-826.
14. Davillas, A., Jones, A.M. (2020). Ex ante inequality of opportunity in health, decomposition and distributional analysis of biomarkers. *Journal of Health Economics*, 69, 102251.
15. Davillas, A., Pudney, S. (2019). Biomarkers as precursors of disability. *Economics & Human Biology*, 36, 100814.

16. Davillas A, Jones A.M. (2018). Parametric models for biomarkers based on flexible size distributions. *Health Economics*, 27(10), 1617-1624
17. Davillas, A., Pudney, S. (2017). Concordance of health states in couples: Analysis of self-reported, nurse administered and blood-based biomarker data in the UK Understanding Society panel. *Journal of Health Economics*, 56, 87-102.
18. Davillas, A., Benzeval, M., Kumari, M. (2017). Socio-economic inequalities in C-reactive protein and fibrinogen across the adult age span: Findings from Understanding Society. *Scientific Reports*, 7(1), 1-13.
19. Davillas, A., Benzeval, M. (2016). Alternative measures to BMI: Exploring income-related inequalities in adiposity in Great Britain. *Social Science & Medicine*, 166, 223-232.
20. Davillas, A., Benzeval, M., Kumari, M. (2016). Association of Adiposity and Mental Health Functioning across the Lifespan: Findings from Understanding Society (The UK Household Longitudinal Study). *PLOS ONE*, 11(2), e0148561.
21. Daouli, J., Davillas, A., Demoussis, M., Giannakopoulos, N. (2014). Obesity persistence and duration dependence: evidence from a cohort of US adults (1985–2010). *Economics & Human Biology*, 12, 30-44.

Peer-reviewed book chapters

1. Davillas, A., Jones, A.M., Benzeval, M. (2019). The income-health gradient: evidence from self-reported health and biomarkers in Understanding Society. *In: Panel Data Econometrics, Empirical Applications*, Elsevier. <https://doi.org/10.1016/B978-0-12-815859-3.00022-6>

Teaching, Curriculum Development and Course Management

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| 2021 – 7/2022 | Visiting Professor , CINCH – Health Economics Research Center, University of University of Duisburg-Essen, Germany. |
| 2020 – 2022 | Course Director , MSc in Health Economics, University of East Anglia, U.K. |
| 2020 – 2022 | Health Economics Theme Leader , University of East Anglia, U.K. |
| 2020 – 2022 | Lecturer : Health Economics (MSc level, MED-M007D), University of East Anglia, U.K. |
| 2017 – 2019 | Module leader : Applications of Data Analysis (MSc level) – Department of Economics, University of Essex, U.K. |
| 2016 – 2022 | Post-graduate dissertations supervisor |

Research Grants

I have been awarded research funding from ESRC that exceeds £1.5 million as a Principal Investigator, Co-investigator (or Fellow).

Conferences & Research Seminars

I have presented my research in more than 25 seminars (invited presentations) and conferences. Recent talks include: International Health Economics Association Congress (2019)

and 2021); CPop - University of Southern Denmark (2020); RWI Research Network – RWI Essen (2020); European Health Economics Association (2020); Royal Statistical Society (2020); University of Barcelona (Faculty of Economics and Business); City Health Economics Centre (2018); Health Economics at Lancaster (2018); Essex Applied Micro Workshop, University of Essex (2017); Society for Longitudinal and Life course Studies annual meeting (2016); Centre of Health Economics, University of York (2016); Institute of Health Policy & Management, Erasmus School of Economics (2015); University of Uppsala, Sweden (2015).

Editorial roles

Associate Editor - Oxford Open Economics, Oxford University Press
(<https://academic.oup.com/ooec/pages/editorial-board>)

Academic Editor – PLOS Global Public Health

Reviewer Activity

Academic journals (several times)

Health Economics; Journal of Health Economics; Oxford Bulletin of Economics and Statistics; The Econometrics Journal; World Development; Economics and Human Biology; PLOS ONE; Nature Communications; Social Science & Medicine.

Research funders

Czech Science Foundation (EXPRO Division); Economic and Social Research Council (ESRC); Australian Research Council (ARC).

Updated 10/2022