

Dr. Apostolos Davillas

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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)

2025 – 2027	International Health Economics Association (iHEA) Arrow Award Committee
2018 – 2023	Program Chair, International Health Economics Association (iHEA), 2019 Basel, 2021 Virtual Congress, 2023 Cape Town)
2022 – 2023	Scientific Program Committee, ESPE, 2023, Belgrade
2020 – 2022	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 Fellow: IZA - Institute of Labor Economics, Bonn
2020 –	Research Associate: ISER, University of Essex
2018 –	Research Affiliate: HEDG, University of York
2017 –	Founding member; Economics of Obesity iHEA Special Interest Group

Awards

2022	Distinguished Author Award, Health Economics (Wiley)
2022	Finalist, "Outstanding Impact in Health, Wellbeing and Welfare" Award, University of East Anglia, U.K.

Publications

In refereed journals

1. Burlinson, A., Davillas, A., Giulietti, M. (2025). Socioeconomic Inequality in Low-Carbon Technology Adoption. *Energy Economics*. <https://doi.org/10.1016/j.eneco.2025.108244>
2. Davillas, A., Jones, A.M. (2025). Biological age and predicting future health care utilisation. *Journal of Health Economics*, 102956. <https://doi.org/10.1016/j.jhealeco.2024.102956>

3. Davillas, A., de Oliveira, V.H., Jones, A.M. (2024). A Model of Errors in BMI Based on Self-reported and Measured Anthropometrics with Evidence from Brazilian Data. *Empirical Economics*. <https://doi.org/10.1007/s00181-024-02616-w>
4. Burlinson, A., Davillas, A., Giulietti, M., Waddams C. (2024). Household energy price resilience in the face of gas and electricity market crises. *Energy Economics*, 132, 107414. <https://doi.org/10.1016/j.eneco.2024.107414>.
5. Carrieri, V., Davillas, A., de Oliveira, V. H. (2024). On the road to equity: examining income-related inequalities in ownership of safer cars. *Oxford Open Economics*, 3, odae002.
6. Davillas, A., de Oliveira, V.H., Jones, A.M. (2023). Is inconsistent reporting of self-assessed health persistent and systematic? Evidence from the UKHLS. *Economics & Human Biology*, 49, 101219.
7. Burlinson, A., Davillas, A., Cherry, L. (2022). Pay (for it) as you go: Prepaid energy meters and the heat-or-eat dilemma. *Social Science & Medicine*, 315, 115498.
8. Brunori, P., Davillas, A., Jones, A.M., Scarchilli, G. (2022). Model-based Recursive Partitioning to Estimate Unfair Health Inequalities in the United Kingdom Household Longitudinal Study. *Journal of Economic Behaviour & Organization*, 204, 543-565.
9. 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>.
10. 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.
11. Davillas, A., Burlinson, A., Liu Hui-Hsuan (2022). Getting warmer: fuel poverty, objective and subjective health and well-being. *Energy Economics*, 105794.
12. Davillas, A., Jones, A. M. (2021). The implications of self-reported body weight and height for measurement error in BMI. *Economics Letters*, 110101.
13. 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.
14. 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.
15. 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.

16. 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.
17. Davillas, A., Pudney, S. (2020). Biomarkers, disability and health care demand. *Economics & Human Biology*, 39, 100929.
18. Davillas, A., Pudney, S. (2020). Using biomarkers to predict healthcare costs: Evidence from a UK household panel. *Journal of Health Economics*, 73, 102356.
19. 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.
20. 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.
21. 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.
22. Davillas, A., Pudney, S. (2019). Biomarkers as precursors of disability. *Economics & Human Biology*, 36, 100814.
23. Davillas A, Jones A.M. (2018). Parametric models for biomarkers based on flexible size distributions. *Health Economics*, 27(10), 1617-1624
24. 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.
25. 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.
26. Davillas, A., Benzeval, M. (2016). Alternative measures to BMI: Exploring income-related inequalities in adiposity in Great Britain. *Social Science & Medicine*, 166, 223-232.
27. 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.
28. 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>