

Frank Popham

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About me

Experienced quantitative social science and health researcher. Health inequalities, Population health, Social policy, Natural experiments, Survey data, Secondary data, Administrative data, Data linkage, Methodology, Data science, Open science, R, Rstudio, Stata

Education

2001	PhD Sociology and Social Policy UK	Newcastle University
1995	BA Hons. Social Policy UK	Newcastle University

Employment

2021-22	Research Fellow	Law School, University of Edinburgh
2020-21	Research Fellow	Moray School of Education, University of Edinburgh
2011-20	Senior Research Fellow / (Senior Investigator Scientist 2011-2013, Programme lead 2013-2015)	MRC/CSO Social and Public Health Sciences Unit, University of Glasgow
2008-11	Research Fellow	School of Geography and Geosciences, University of St Andrews
2007-08	Lecturer in Health and Social Science	Centre for International Public Health Policy, University of Edinburgh
2005-06	Research Fellow	Research Unit in Health, Behaviour and Change, University of Edinburgh
2004-05	Research Fellow	Social Work Research Centre, University of Stirling
2002-04	Research Fellow	Research Unit in Health, Behaviour and Change, University of Edinburgh
2000-02	Research Associate	Department of Sociology and Social Policy, Newcastle University
1995-2000	Teaching Assistant	Department of Sociology and Social Policy Newcastle University

Publications

1. McCartney, G., McMaster, R., Popham, F., Dundas, R., & Walsh, D. (2022). Is austerity a cause of slower improvements in mortality in high-income countries? A panel analysis. *Social Science & Medicine*, 313, 115397. <https://doi.org/https://doi.org/10.1016/j.socscimed.2022.115397>
2. Pulford, A., Thapa, A., Thomson, R. M., Guilding, A., Green, M. J., Leyland, A., Popham, F., & Katikireddi, S. V. (2022). Does persistent precarious employment affect health outcomes among working age adults? A systematic review and meta-analysis. *Journal of Epidemiology & Community Health*. <https://doi.org/10.1136/jech-2022-219292>
3. Popham, F. (2021). Definition yes, analysis no: A comment on “analyses of change scores do not estimate causal effects in observational data.” *International Journal of Epidemiology*. <https://doi.org/10.1093/ije/dyab202>
4. Popham, F., Whitley, E., Molaodi, O., & Gray, L. (2021). Standard multiple imputation of survey data didn't perform better than simple substitution in enhancing an administrative dataset: The example of self-rated health in England. *Emerging Themes in Epidemiology*, 18(1). <https://doi.org/10.1186/s12982-021-00099-z>
5. Tweed, E. J., Popham, F., Thomson, H., & Katikireddi, S. V. (2021). Including “inclusion health”? A discourse analysis of health inequalities policy reviews. *Critical Public Health*, 1–13. <https://doi.org/10.1080/09581596.2021.1929847>

6. Campbell, D. D., Green, M., Davies, N., Demou, E., Ward, J., Howe, L. D., Harrison, S., Johnston, K. J. A., Strawbridge, R. J., Popham, F., Smith, D. J., Munaf'o, M. R., & Katikireddi, S. V. (2021). Effects of increased body mass index on employment status: A mendelian randomisation study. *International Journal of Obesity*, *45*(8), 1790–1801. <https://doi.org/10.1038/s41366-021-00846-x>
7. Popham, F., & Iannelli, C. (2021). Does comprehensive education reduce health inequalities? *SSM - Population Health*, *15*, 100834. <https://doi.org/10.1016/j.ssmph.2021.100834>
8. Karlson, K. B., Popham, F., & Holm, A. (2021). Marginal and conditional confounding using logits. *Sociological Methods & Research*, *49*(12), 12199554. <https://doi.org/10.1177/0049124121995548>
9. Baxter, A. J., Dundas, R., Popham, F., & Craig, P. (2021). How effective was England's teenage pregnancy strategy? A comparative analysis of high-income countries. *Social Science & Medicine*, *270*, 113685. <https://doi.org/10.1016/j.socscimed.2021.113685>
10. Butler, J., Black, C., Craig, P., Dibben, C., Dundas, R., Boon, M. H., Johnston, M., & Popham, F. (2020). The long-term health effects of attending a selective school: A natural experiment. *BMC Medicine*, *18*(1). <https://doi.org/10.1186/s12916-020-01536-7>
11. Popham, F. (2020). Re: Positive epidemiology? *Epidemiology*, *31*(5), e37–e37. <https://doi.org/10.1097/ede.0000000000001203>
12. McCartney, G., Fenton, L., Minton, J., Fischbacher, C., Taulbut, M., Little, K., Humphreys, C., Cumbers, A., Popham, F., & McMaster, R. (2020). Is austerity responsible for the recent change in mortality trends across high-income nations? A protocol for an observational study. *BMJ Open*, *10*(1), e034832. <https://doi.org/10.1136/bmjopen-2019-034832>
13. Whitley, E., Benzeval, M., & Popham, F. (2018). Population priorities for successful aging: A randomized vignette experiment. *The Journals of Gerontology: Series B*. <https://doi.org/10.1093/geronb/gby060>
14. Whitley, E., Craig, P., & Popham, F. (2019). Impact of the statutory concessionary travel scheme on bus travel among older people: A natural experiment from England. *Ageing and Society*, *40*(11), 2480–2494. <https://doi.org/10.1017/s0144686x19000692>
15. McCartney, G., Hearty, W., Arnot, J., Popham, F., Cumbers, A., & McMaster, R. (2019). Impact of political economy on population health: A systematic review of reviews. *American Journal of Public Health*, *109*(6), e1–e12. <https://doi.org/10.2105/ajph.2019.305001>
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17. Seaman, R., Riffe, T., Leyland, A. H., Popham, F., & van Raalte, A. (2019). The increasing lifespan variation gradient by area-level deprivation: A decomposition analysis of Scotland 1981–2011. *Social Science & Medicine*, *230*, 147–157. <https://doi.org/10.1016/j.socscimed.2019.04.008>
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19. McCartney, G., Bartley, M., Dundas, R., Katikireddi, S. V., Mitchell, R., Popham, F., Walsh, D., & Wami, W. (2019). Theorising social class and its application to the study of health inequalities. *SSM - Population Health*, *7*, 100315. <https://doi.org/10.1016/j.ssmph.2018.10.015>
20. Popham, F., & Whitley, E. (2019). Re: Sensitivity analyses without assumptions. *Epidemiology*, *30*(5), e31. <https://doi.org/10.1097/ede.0000000000001043>
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22. Popham, F., & Leyland, A. H. (2018). Assessing confounder balance in outcome regressions. *Epidemiology*, *29*(5), e47–e48. <https://doi.org/10.1097/ede.0000000000000871>

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25. Craig, P., Gibson, M., Campbell, M., Popham, F., & Katikireddi, S. V. (2018). Making the most of natural experiments: What can studies of the withdrawal of public health interventions offer? *Preventive Medicine*, 108, 17–22. <https://doi.org/10.1016/j.ypmed.2017.12.025>
26. Green, M. J., Stritzel, H., Smith, C., Popham, F., & Crosnoe, R. (2018). Timing of poverty in childhood and adolescent health: Evidence from the US and UK. *Social Science & Medicine*, 197, 136–143. <https://doi.org/10.1016/j.socscimed.2017.12.004>
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34. Craig, P., Dundas, R., Leyland, A., & Popham, F. (2016). How successful was the English teenage pregnancy strategy? *The Lancet*, 388(10060), 2604. [https://doi.org/10.1016/s0140-6736\(16\)32223-1](https://doi.org/10.1016/s0140-6736(16)32223-1)
35. Curnock, E., Leyland, A. H., & Popham, F. (2016). The impact on health of employment and welfare transitions for those receiving out-of-work disability benefits in the UK. *Social Science & Medicine*, 162, 1–10. <https://doi.org/10.1016/j.socscimed.2016.05.042>
36. Popham, F. (2016). Re: Lies, damned lies, and health inequality measurements understanding the value judgments. *Epidemiology*, 27(3), e15–e16. <https://doi.org/10.1097/ede.0000000000000440>
37. Popham, F. (2016). Converting between marginal effect measures from binomial models. *International Journal of Epidemiology*, 45(2), 590–591. <https://doi.org/10.1093/ije/dyv323>
38. Green, M. J., & Popham, F. (2016). Life course models: Improving interpretation by consideration of total effects. *International Journal of Epidemiology*, dyw329. <https://doi.org/10.1093/ije/dyw329>

39. Whitley, E., Popham, F., & Benzeval, M. (2016). Comparison of the Rowe-Kahn model of successful aging with self-rated health and life satisfaction: The West of Scotland Twenty-07 prospective cohort study. *The Gerontologist*, *56*(6), 1082–1092. <https://doi.org/10.1093/geront/gnv054>
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43. Clemens, T., Popham, F., & Boyle, P. (2014). What is the effect of unemployment on all-cause mortality? A cohort study using propensity score matching. *European Journal of Public Health*, *25*(1), 115–121. <https://doi.org/10.1093/eurpub/cku136>
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50. Campbell, M., Egan, M., Lorenc, T., Bond, L., Popham, F., Fenton, C., & Benzeval, M. (2014). Considering methodological options for reviews of theory: Illustrated by a review of theories linking income and health. *Systematic Reviews*, *3*(1). <https://doi.org/10.1186/2046-4053-3-114>
51. Popham, F., Dibben, C., & Bambra, C. (2013). Are health inequalities really not the smallest in the nordic welfare states? A comparison of mortality inequality in 37 countries. *Journal of Epidemiology and Community Health*, *67*(5), 412–418. <https://doi.org/10.1136/jech-2012-201525>
52. Sweeting, H., Bhaskar, A., Benzeval, M., Popham, F., & Hunt, K. (2013). Changing gender roles and attitudes and their implications for well-being around the new millennium. *Social Psychiatry and Psychiatric Epidemiology*, *49*(5), 791–809. <https://doi.org/10.1007/s00127-013-0730-y>

53. Whitley, E., Batty, G. D., Hunt, K., Popham, F., & Benzeval, M. (2013). The role of health behaviours across the life course in the socioeconomic patterning of all-cause mortality: The West of Scotland Twenty-07 prospective cohort study. *Annals of Behavioral Medicine*, 47(2), 148–157. <https://doi.org/10.1007/s12160-013-9539-x>
54. Popham, F., Skivington, K., & Benzeval, M. (2012). Why do those out of work because of sickness or disability have a high mortality risk? Evidence from a Scottish cohort. *European Journal of Public Health*, 23(4), 629–635. <https://doi.org/10.1093/eurpub/cks164>
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