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Publication appendix

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Full publication list based on archive at google scholar.

- H-index: **70**
- i10-index: **141**

1. Fang, S., Hemani, G., Richardson, T., Gaunt, T. & Smith, G. Evaluating and implementing block jackknife resampling mendelian randomization to mitigate bias induced by overlapping samples. Human Molecular Genetics (2023).
2. Tintle, N., Rice, T., Cheng, I., Jenkins, M., Gallinger, S., et al. The association between genetically elevated polyunsaturated fatty acids and risk of cancer. EBioMedicine (2023).
3. Haycock, P., Borges, M., Burrows, K., Lemaitre, R., Harrison, S., Burgess, S., et al. Design and quality control of large-scale two-sample mendelian randomization studies. International Journal of Epidemiology (2023).
4. Darrous, L., Hemani, G., Smith, G. & Kutalik, Z. PheWAS-based clustering of mendelian randomisation instruments reveals distinct mechanism-specific causal effects between obesity and educational attainment. medRxiv (2023).
5. Forde, A., Hemani, G. & Ferguson, J. Review and further developments in statistical corrections for winner's curse in genetic association studies. PLoS Genetics (2023).
6. Cho, Y., Lin, K., Lee, S., Yu, C., Valle, D., et al. Genetic influences on alcohol flushing in east asian populations. BMC genomics (2023).
7. Singh, M., Dolan, C., Lapato, D., Hottenga, J., Pool, R., et al. 75. PUTATIVE CAUSAL EFFECTS BETWEEN CIGARETTE SMOKING AND PERIPHERAL BLOOD DNA METHYLATION: A MENDELIAN RANDOMIZATION DIRECTION-OF-CAUSATION (MR-DOC) STUDY. European Neuropsychopharmacology (2023).
8. Hemani, G., Gkatzionis, A., Tilling, K. & Smith, G. Sensitivity analyses gain relevance by fixing parameters observable during the empirical analyses. Genetic Epidemiology (2023).
9. Haycock, P., Borges, M., Burrows, K., Lemaitre, R., Harrison, S., Burgess, S., et al. IEA. International Journal of Epidemiology (2023).
10. Shapland, C., Gkatzionis, A., Hemani, G. & Tilling, K. Use of genetic correlations to examine selection bias. medRxiv (2023).
11. Howe, L., Nivard, M., Morris, T., Hansen, A., Rasheed, H., Cho, Y., et al. Within-sibship genome-wide association analyses decrease bias in estimates of direct genetic effects. Nature genetics (2022).
12. Battram, T., Yousefi, P., Crawford, G., Prince, C., Babaei, M., Sharp, G., et al. The EWAS catalog: A database of epigenome-wide association studies. Wellcome open research (2022).
13. Borges, M., Haycock, P., Zheng, J., Hemani, G., Holmes, M., et al. Role of circulating polyunsaturated fatty acids on cardiovascular diseases risk: Analysis using mendelian randomization and fatty acid genetic association data from over 114 …. BMC medicine (2022).
14. Zhao, H., Rasheed, H., Nøst, T., Cho, Y., Liu, Y., et al. Proteome-wide mendelian randomization in global biobank meta-analysis reveals multi-ancestry drug targets for common diseases. Cell Genomics (2022).

15. Woolf, B., Cara, N., Moreno-Stokoe, C., Skrivankova, V., Drax, K., et al. Investigating the transparency of reporting in two-sample summary data mendelian randomization studies using the MR-base platform. International journal of epidemiology (2022).
16. Shen, X., Caramaschi, D., Adams, M., Walker, R., Min, J., Kwong, A., et al. DNA methylome-wide association study of genetic risk for depression implicates antigen processing and immune responses. Genome Medicine (2022).
17. Corfield, E., Frei, O., Shadrin, A., Rahman, Z., Lin, A., Athanasiu, L., et al. The norwegian mother, father, and child cohort study (MoBa) genotyping data resource: MoBaPsychGen pipeline v. 1. BioRxiv (2022).
18. Lee, M., Huan, T., McCartney, D., Chittoor, G., Vries, M., Lahousse, L., et al. Pulmonary function and blood DNA methylation: A multiancestry epigenome-wide association meta-analysis. American Journal of Respiratory and Critical Care Medicine (2022).
19. Speyer, L., Neaves, S., Hall, H., Hemani, G., Lombardo, M., Murray, A., et al. Polygenic risks for joint developmental trajectories of internalizing and externalizing problems: Findings from the ALSPAC cohort. Journal of Child Psychology and Psychiatry (2022).
20. Battram, T., Gaunt, T., Relton, C., Timpson, N. & Hemani, G. A comparison of the genes and genesets identified by GWAS and EWAS of fifteen complex traits. Nature communications (2022).
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22. Wade, K., Yarmolinsky, J., Giovannucci, E., Lewis, S., Millwood, I., et al. Applying mendelian randomization to appraise causality in relationships between nutrition and cancer. Cancer Causes & Control (2022).
23. Mitchell, D., Stone, E., Andrews, O., Bamber, J., Bingham, R., Browse, J., et al. The bristol CMIP6 data hackathon. Weather (2022).
24. Robinson, J., Hemani, G., Babaei, M., Huang, Y., Baird, D., Tsai, E., et al. An efficient and robust tool for colocalisation: Pair-wise conditional and colocalisation (PWCoCo). bioRxiv (2022).
25. Borges, M., Haycock, P., Zheng, J., Hemani, G., Howe, L., Schmidt, A., et al. The impact of fatty acids biosynthesis on the risk of cardiovascular diseases in europeans and east asians: A mendelian randomization study. Human Molecular Genetics (2022).
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35. Min, J., Hemani, G., Hannon, E., Dekkers, K., Castillo-Fernandez, J., Luijk, R., et al. Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. Nature genetics (2021).

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38. Brooks-Pollock, E., Christensen, H., Trickey, A., Hemani, G., Nixon, E., et al. High COVID-19 transmission potential associated with re-opening universities can be mitigated with layered interventions. Nature communications (2021).

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43. Wang, J., Zhao, Q., Bowden, J., Hemani, G., Smith, G., Small, D., et al. Causal inference for heritable phenotypic risk factors using heterogeneous genetic instruments. PLoS genetics (2021).

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45. Dongen, J., Gordon, S., McRae, A., Odintsova, V., Mbarek, H., et al. Identical twins carry a persistent epigenetic signature of early genome programming. Nature Communications (2021).

46. Sadreev, I., Elsworth, B., Mitchell, R., Paternoster, L., Sanderson, E., et al. Navigating sample overlap, winner's curse and weak instrument bias in mendelian randomization studies using the UK biobank. MedRxiv (2021).

47. Nixon, E., Trickey, A., Christensen, H., Finn, A., Thomas, A., Relton, C., et al. Contacts and behaviours of university students during the COVID-19 pandemic at the start of the 2020/2021 academic year. Scientific Reports (2021).

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49. Russell, A., Hemani, G., Jones, H., Ford, T., Gunnell, D., et al. An exploration of the genetic epidemiology of non-suicidal self-harm and suicide attempt. BMC psychiatry (2021).
50. Hemani, G., Powell, J., Wang, H., Shakhbazov, K., Westra, H., Esko, T., et al. Phantom epistasis between unlinked loci. Nature (2021).
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52. Howe, L., Battram, T., Morris, T., Hartwig, F., Hemani, G., Davies, N., et al. Assortative mating and within-spouse pair comparisons. PLoS genetics (2021).
53. Bonilla, C., Bertoni, B., Min, J., Hemani, G., et al. Investigating DNA methylation as a potential mediator between pigmentation genes, pigmentary traits and skin cancer. Pigment Cell & Melanoma Research (2021).
54. Higbee, D., Granell, R., Hemani, G., Smith, G. & Dodd, J. Lung function, COPD and cognitive function: A multivariable and two sample mendelian randomization study. BMC Pulmonary Medicine (2021).
55. Korologou-Linden, R., Xu, B., Coulthard, E., Walton, E., Wearn, A., Hemani, G., et al. The bidirectional causal effects of brain morphology across the life course and risk of alzheimer's disease: A cross-cohort comparison and mendelian randomization meta-analysis. medRxiv (2021).
56. Thomas, A., Danon, L., Christensen, H., Northstone, K., Smith, D., Nixon, E., et al. Limits of lockdown: Characterising essential contacts during strict physical distancing. medRxiv (2021).
57. Hemani, G., Thomas, A., Walker, J., Trickey, A., Nixon, E., Ellis, D., et al. Modelling pooling strategies for SARS-CoV-2 testing in a university setting. medRxiv (2021).
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59. Nixon, E., Thomas, A., Stocks, D., Barreaux, A., Hemani, G., Trickey, A., et al. Impacts of vaccination and asymptomatic testing on SARS-CoV-2 transmission dynamics in a university setting. medRxiv (2021).
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62. Hatcher, C., Consortium, G., Hemani, G., et al. Evidence of positive and negative selection associated with DNA methylation. bioRxiv (2021).
63. Chong, A., Mitchell, R., Hemani, G., Smith, G., Yolken, R., et al. Genetic analyses of common infections in the avon longitudinal study of parents and children cohort. Frontiers in immunology (2021).
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65. Robinson, J., Hemani, G., Gaunt, T. & Zheng, J. An efficient and robust tool for genetic colocalization: Pair-wise conditional and colocalization (PWCoCo). GENETIC EPIDEMIOLOGY (2021).

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