

PUBLICATIONS

1. Eastwood, S., Hemani, G., Watkins, S., Scally, A., Smith, G. & Chaturvedi, N. Ancestry, ethnicity, and race: Explaining inequalities in cardiometabolic disease. Trends in Molecular Medicine (2024).

2. Korologou-Linden, R., Xu, B., Coulthard, E., Walton, E., Wearn, A., Hemani, G., et al. Genetics impact risk of alzheimer's disease through mechanisms modulating structural brain morphology in late life. Journal of Neurology, Neurosurgery & Psychiatry (2024).
3. 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. Nature Communications (2024).
4. Giollabhui, N., Slaney, C., Hemani, G., Foley, E., Most, Pj., et al. Role of inflammation in depressive and anxiety disorders, affect, and cognition: Genetic and non-genetic findings in the lifelines cohort study. medRxiv (2024).
5. Andrews, L., Thornton, Z., Zheng, J., Robinson, J., Hemani, G. & Kurian, K. Reverse mendelian randomization separates causes from early proteomic biomarkers of glioma. medRxiv (2024).
6. Chong, A., Kintu, C., Cho, Y., Fatumo, S., Torres, J., Smith, G., et al. Adjusting for medication status in genome-wide association studies. medRxiv (2024).
7. Dardani, C., Robinson, J., Jones, H., Rai, D., Stergiakouli, E., Grove, J., et al. Immunological drivers and potential novel drug targets for major psychiatric, neurodevelopmental, and neurodegenerative conditions. medRxiv (2024).
8. Elmore, A., Adhikari, N., Hartley, A., Aparicio, H., Posner, D., Hemani, G., et al. Protein identification for stroke progression via mendelian randomization in million veteran program and UK biobank. medRxiv (2024).
9. Haycock, P., Borges, M., Burrows, K., Lemaitre, R., Burgess, S., et al. The association between genetically elevated polyunsaturated fatty acids and risk of cancer. EBioMedicine (2023).
10. 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).
11. Forde, A., Hemani, G. & Ferguson, J. Review and further developments in statistical corrections for winner's curse in genetic association studies. PLoS Genetics (2023).
12. 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).
13. 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).
14. Cho, Y., Lin, K., Lee, S., Yu, C., Valle, D., et al. Genetic influences on alcohol flushing in east asian populations. BMC genomics (2023).
15. 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).
16. Hemani, G., Gkatzionis, A., Tilling, K. & Smith, G. Sensitivity analyses gain relevance by fixing parameters observable during the empirical analyses. Genetic Epidemiology (2023).
17. Shapland, C., Gkatzionis, A., Hemani, G. & Tilling, K. Use of genetic correlations to examine selection bias. medRxiv (2023).
18. Haycock, P., Borges, M., Burrows, K., Lemaitre, R., Harrison, S., Burgess, S., et al. IEA. International Journal of Epidemiology (2023).
19. 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).
20. 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).
21. 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).
22. Zhao, H., Rasheed, H., Nøst, T., Cho, Y., Liu, Y., et al. Proteome-wide mendelian randomization in global

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