Appendix 1. Description of data sources and eligibility criteria in unpublished individual participant data [posted as supplied by author]

Data from 15 European studies participating in the Individual-Participant-data Metaanalysis in Working Populations (IPD-Work) Consortium:^{1,2}

Cooperative Health Research in the Region Augsburg Survey 1, Germany (KORA 1)³ Cooperative Health Research in the Region Augsburg Survey 2, Germany (KORA 2)³ Whitehall II study, UK (WH)⁴

Work, Lipids and Fibrinogen Stockholm, Sweden (WOLF S)⁵

Cooperative Health Research in the Region Augsburg Survey 3, Germany (KORA 3)³

Belgian Job Stress Project, Belgium (Belstress)⁶

Work, Lipids and Fibrinogen Norrland, Sweden (WOLF N)⁷

Health and Social Support, Finland (HeSSup)⁸

Burnout, Motivation and Job satisfaction, Denmark (PUMA)⁹

Danish Work Environment Cohort, Denmark (DWECS 2000)¹⁰

Finnish Public Sector Study, Finland (FPS)¹¹

Heinz-Nixdorf Recall, Germany (HNR)¹²

Helsinki Health Study, Finland (HHS)¹³

Copenhagen Psychosocial Questionnaire Version II, Denmark (COPSQ II)¹⁴

Danish Work Environment Cohort, Denmark (DWECS 2005)¹⁵

Data from the collections of the Inter-University Consortium for Political and Social Research (ICPSR; http://www.icpsr.umich.edu/icpsrweb/ICPSR/) and the UK Economic and Social Data Service (http://ukdataservice.ac.uk/)

Alameda County Study, USA, (ALAMEDA)¹⁶

National health and Nutrition Survey, USA (NHANES-I)¹⁷

Americans' Changing Lives, USA (ACL)¹⁸

National Survey of Families and Households, USA (NSFH)¹⁹

Wisconsin Longitudinal Study, Graduates, USA (WLSG)²⁰

Wisconsin Longitudinal Study, Siblings, USA (WLSS)²⁰

Midlife in the United States, USA (MIDUS)²¹

British Birth Cohort, UK (BCS)²²

National Child Development Study, UK (NCDS)²³

National Longitudinal Survey of Youth 1979, USA (NLSY)²⁴

Household, Income, and Labour Dynamics in Australia, Australia (HILDA)²⁵

German Socioeconomic Panel Survey (SOEP)²⁶

Eligibility criteria for prospective analysis

Types of participants Employed population.

Types of exposure variables

Individual-level working hours measured at the study baseline, either on an hourly basis or categorised as close as possible to: <35, 35-40, 41-48, 49-54 and ≥55 hours /week or data to calculate these. Individual-level covariates (age, sex, socioeconomic status, race/ethnicity [when available]).

Type of outcome variable

Alcohol use measured at the study baseline and follow-up; measured as number of daily/weekly alcoholic drinks or other measure of risky drinking (e.g., binge drinking).

Types of studies Cohort study.

Quality assessment

International peer-reviewed original articles published from the study data.

References

- 1. Kivimaki M, Nyberg ST, Batty GD, Fransson E, Heikkilä K, Alfredsson L, et al. Job strain as a risk factor for coronary heart disease: a collaborative meta-analysis of individual participant data. *Lancet* 2012;**380**:1491-7.
- 2. Heikkilä K, Nyberg ST, Theorell T, Fransson EI, Alfredsson L, Bjorner JB, et al. Work stress and cancer risk: A meta-analysis of 5 700 incident cancer events in 116 000 European men and women. *BMJ* 2013;346:f165.
- 3. Holle R, Happich M, Lowel H, Wichmann HE. KORA a research platform for population-based health research. *Gesundheitswesen* 2005;**67**:S19-25.
- 4. Marmot M, Brunner E. Cohort Profile: the Whitehall II study. *Int J Epidemiol* 2005;**34**:251-6.
- 5. Peter R, Alfredsson L, Hammar N, Siegrist J, Theorell T, Westerholm P. High effort, low reward, and cardiovascular risk factors in employed Swedish men and women: baseline results from the WOLF Study. *J Epidemiol Community Health* 1998;**52**:540-7.
- 6. De Bacquer D, Pelfrene E, Clays E, Mak R, Moreau M, De Smet O, et al. Perceived job stress and incidence of coronary events: 3-year follow-up of the Belgian Job Stress Project cohort. *Am J Epidemiol* 2005;**161**:434-41.
- 7. Alfredsson L, Hammar N, Fransson E, de Faire U, Hallqvist J, Knutsson A, et al. Job strain and major risk factors for coronary heart disease among employed males and females in a Swedish study on work, lipids and fibrinogen. *Scand J Work Environ Health* 2002;**28**:238-48.
- 8. Korkeila K, Suominen S, Ahvenainen J, Ojanlatva A, Rautava P, Helenius H, et al. Non-response and related factors in a nation-wide health survey. *Eur J Epidemiol* 2001;**17**:991-9.
- 9. Borritz M, Rugulies R, Bjorner JB, Villadsen E, Mikkelsen OA, Kristensen TS. Burnout among employees in human service work: design and baseline findings of the PUMA study. *Scand J Public Health* 2006;**34**:49-58.
- 10. Feveile H, Olsen O, Burr H, Bach E. Danish Work Environment Cohort Study 2005: from idea to sampling design. *Stat Transit* 2007;**8**:441-58.

- 11. Vahtera J, Poikolainen K, Kivimäki M, Ala-Mursula L, Pentti J. Alcohol intake and sickness absence: a curvilinear relation. *Am J Epidemiol* 2002;**156**:969-76.
- 12. Schmermund A, Mohlenkamp S, Stang A, Grönemeyer D, Seibel R, Hirche H, et al. Assessment of clinically silent atherosclerotic disease and established and novel risk factors for predicting myocardial infarction and cardiac death in healthy middle-aged subjects: rationale and design of the Heinz Nixdorf RECALL Study. Risk Factors, Evaluation of Coronary Calcium and Lifestyle. *Am Heart J* 2002;**144**:212-8.
- 13. Lahelma E, Aittomaki A, Laaksonen M, Lallukka T, Martikainen P, Piha K, et al. Cohort profile: the Helsinki Health Study. *Int J Epidemiol* 2013;**42**:722-30.
- 14. Pejtersen JH, Kristensen TS, Borg V, Bjorner JB. The second version of the Copenhagen Psychosocial Questionnaire. *Scand J Public Health* 2010;**38**:8-24.
- 15. Poulsen OM, Persson R, Kristiansen J, Andersen LL, Villadsen E, Orbaek P. Distribution of subjective health complaints, and their association with register based sickness absence in the Danish working population. *Scand J Public Health* 2013;**41**:150-7.
- 16. Berkman L, Breslow L. Health and ways of living: the Alameda County Study. New York: Oxford University Press, 1983.
- 17. Madans JH, Kleinman JC, Cox CS, Barbano HE, Feldman JJ, Cohen B, et al. 10 years after NHANES I: report of initial followup, 1982-84. *Public Health Rep* 1986;**101**:465-73.
- 18. House JS, Lantz PM, Herd P. Continuity and change in the social stratification of aging and health over the life course: evidence from a nationally representative longitudinal study from 1986 to 2001/2002 (Americans' Changing Lives Study). *J Gerontol B Psychol Sci Soc Sci* 2005: **60**:15-26.
- 19. Sweet J, Bumpass L, Call V. The design and content of the National Survey of Families and Household. University of Wisconsin, Center for Demography and Ecology: Madison, 1988.
- 20. Sewell WH, Houser RM. Education, occupation, and earnings: achievement in the early career. New York: Academic, 1975.
- 21. Brim O, Baltes P, Bumpass L, Cleary P, Featherman D, Hazzard WR, et al. National Survey of Midlife Development in the United States (MIDUS),1995-1996. 2010. ICPSR 2760, 2010.
- 22. Elliott J, Shepherd P. Cohort profile: 1970 British Birth Cohort (BCS70). *Int J Epidemiol* 2006;**35**:836-43.
- 23. Power C, Elliott J. Cohort profile: 1958 British birth cohort (National Child Development Study). *Int J Epidemiol* 2006;**35**:34-41.
- 24. Statistics BoL. The NLSY79: NLS Handbook. USA: Washington DC, Department of Labor, 2005.
- 25. Summerfield M, Freidin S, Hahn M, Ittak P, Li N, Macalalad N, et al. HILDA User Manual Release 12. Melbourne, Australia: Melbourne Institute of Applied Economic and Social Research, University of Melbourne, 2013.
- 26. Schupp J. [The Socioeconomic Panel (SOEP)]. *Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz* 2012;**55**:767-74.