**Table S5.** List of excluded studies and reason for exclusion (in alphabetical order)

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| **No.** | **Article** | **Reason for exclusion** |
| 1 | Abrams, L., Friedman, K., & Maestas, N. (2023). The role of physical and cognitive/emotional functioning in the associations between common health conditions and working. *Social Science & Medicine, 322*, 115816. | 1 |
| 2 | Allen, J., & Alpass, F. M. (2020). Trajectories of material living standards, physical health and mental health under a universal pension. *Journal of Epidemioly & Community Health, 74*(4), 362-368. | 3 |
| 3 | Allen, J., Alpass, F. M., Towers, A., Stevenson, B., Szabó, Á., Breheny, M., & Stephens, C. (2023). The health, work, and retirement study: representing experiences of later life in Aotearoa New Zealand. *Journal of the Royal Society of New Zealand, 53*(4), 532-547. | 3 |
| 4 | Cruwys, T., Haslam, C., Steffens, N. K., Haslam, S. A., Fong, P., & Lam, B. C. (2019). Friendships that money can buy: Financial security protects health in retirement by enabling social connectedness. *BMC Geriatrics, 19*, 1-9. | 1 |
| 5 | de Boer, A. G., Geuskens, G. A., Bültmann, U., Boot, C. R., Wind, H., Koppes, L. L., & Frings-Dresen, M. H. (2018). Employment status transitions in employees with and without chronic disease in the Netherlands. *International Journal of Public Health, 63*, 713-722. | 1 |
| 6 | de Wind, A., Geuskens, G. A., Ybema, J. F., Blatter, B. M., Burdorf, A., Bongers, P. M., & van der Beek, A. J. (2014). Health, job characteristics, skills, and social and financial factors in relation to early retirement-results from a longitudinal study in the Netherlands. *Scandinavian Journal of Work, Environment & Health*, 186-194. | 1 |
| 7 | de Wind, A., Scharn, M., Geuskens, G. A., van der Beek, A. J., & Boot, C. R. (2018). Predictors of working beyond retirement in older workers with and without a chronic disease-results from data linkage of Dutch questionnaire and registry data. *BMC Public Health*, 18, 1-12. | 1 |
| 8 | Descatha, A., Herquelot, E., Carton, M., Sabbath, E. L., Goldberg, M., Zins, M., & Leclerc, A. (2016). Is physically arduous work associated with limitations after retirement? Findings from the GAZEL cohort. *Occupational and Environmental Medicine, 73*(3), 183-186. | 1 |
| 9 | Ding, D., Grunseit, A. C., Chau, J. Y., Vo, K., Byles, J., & Bauman, A. E. (2016). Retirement—a transition to a healthier lifestyle? evidence from a large Australian study. *American Journal of Preventive Medicine, 51*(2), 170-178. | 1 |
| 10 | Eisen, E. A., Chen, K. T., Elser, H., Picciotto, S., Riddell, C. A., Combs, M. A., ... & Cohen, J. (2020). Suicide, overdose and worker exit in a cohort of Michigan autoworkers. *Journal of Epidemiology & Community Health, 74*(11), 907-912. | 1 |
| 11 | Gómez, M. A. L., Durán, X., Zaballa, E., Sanchez-Niubo, A., Delclos, G. L., & Benavides, F. G. (2016). Cohort profile: the Spanish WORKing life social security (WORKss) cohort study. *BMJ Open, 6*(3), e008555. | 1 |
| 12 | Gonäs, L., Wikman, A., Vaez, M., Alexanderson, K., & Gustafsson, K. (2019). Gender segregation of occupations and sustainable employment: a prospective population-based cohort study. *Scandinavian Journal of Public Health, 47*(3), 348-356. | 1 |
| 13 | Hagger-Johnson, G., Carr, E., Murray, E., Stansfeld, S., Shelton, N., Stafford, M., & Head, J. (2017). Association between midlife health behaviours and transitions out of employment from midlife to early old age: Whitehall II cohort study. *BMC Public Health*, 17, 1-8. | 1 |
| 14 | Halava, H., Westerlund, H., Korhonen, M. J., Pentti, J., Kivimäki, M., Kjeldgård, L., ... & Vahtera, J. (2015). Influence of retirement on adherence to statins in the insurance medicine all-Sweden total population data base. *PLoS One, 10*(6), e0130901. | 1 |
| 15 | Hassan, L., Efremov, L., Großkopf, A., Kartschmit, N., Medenwald, D., Schott, A., ... & Mikolajczyk, R. (2022). Cardiovascular risk factors, living and ageing in Halle: the CARLA study. *European Journal of Epidemiology*, 1-14. | 1 |
| 16 | Henseke, G. (2018). Good jobs, good pay, better health? The effects of job quality on health among older European workers. *The European Journal of Health Economics, 19*(1), 59-73. | 1 |
| 17 | Herl, C. R., Kabudula, C., Kahn, K., Tollman, S., & Canning, D. (2022). Pension exposure and health: Evidence from a longitudinal study in South Africa. *The Journal of the Economics of Ageing, 23*, 100411. | 1 |
| 18 | Hosseinzadeh, A., Ebrahimi, H., Khosravi, A., Emamian, M. H., Hashemi, H., & Fotouhi, A. (2022). Isolated systolic hypertension and its associated risk factors in Iranian middle age and older population: a population-based study. *BMC Cardiovascular Disorders, 22*(1), 1-8. | 3 |
| 19 | Hou, J., Zhou, W., Zhu, K., & Ren, X. (2023). The Impact of Labor Force Participation on Elderly Health in China. *In Healthcare, 11*,2,160. | 1 |
| 20 | Jennen, J. G., Jansen, N. W., van Amelsvoort, L. G., Slangen, J. J., & Kant, I. (2022). Chronic conditions and self-perceived health among older employees in relation to indicators of labour participation and retirement over time. *Work, 71*(1), 133-150. | 1 |
| 21 | Jones, S. A., Li, Q., Aiello, A. E., Angela, M. O., & Evenson, K. R. (2018). Physical activity, sedentary behavior, and retirement: The multi-ethnic study of atherosclerosis. *American Journal of Preventive Medicine, 54*(6), 786-794. | 1 |
| 22 | Kehrer, M., Hallas, J., Bælum, J., Jensen, T. G., Pedersen, C., & Lassen, A. T. (2017). Reduced ability to work both before and after infectious spondylodiscitis in working-age patients. *Infectious Diseases, 49*(2), 95-103. | 1 |
| 23 | Kettlewell, N., & Lam, J. (2022). Retirement, social support and mental well-being: a couple-level analysis. *The European Journal of Health Economics*, 1-25. | 1 |
| 24 | Kim, E. S., Whillans, A. V., Lee, M. T., Chen, Y., & VanderWeele, T. J. (2020). Volunteering and subsequent health and well-being in older adults: an outcome-wide longitudinal approach. *American Journal of Preventive Medicine, 59*(2), 176-186. | 1 |
| 25 | Kouwenhoven-Pasmooij, T. A., Burdorf, A., Roos-Hesselink, J. W., Hunink, M. G., & Robroek, S. J. (2016). Cardiovascular disease, diabetes and early exit from paid employment in Europe; the impact of work-related factors. *International Journal of Cardiology,* 215, 332-337. | 1 |
| 26 | Lallukka, T., Kronholm, E., Pekkala, J., Jäppinen, S., Blomgren, J., Pietiläinen, O., ... & Rahkonen, O. (2019). Work participation trajectories among 1,098,748 Finns: reasons for premature labour market exit and the incidence of sickness absence due to mental disorders and musculoskeletal diseases. *BMC Public Health*, 19, 1-13. | 1 |
| 27 | Lowden, A., Silva-Costa, A., Rotenberg, L., Aquino, E. M., Fonseca, M. D. J. M., & Griep, R. H. (2021). Does Work after Retirement Matter? Sleep Features among Workers in the Brazilian Longitudinal Study of Adult Health. *International Journal of Environmental Research and Public Health, 18*(8), 4117. | 1 |
| 28 | Machado, S., Sumarsono, A., & Vaduganathan, M. (2021). Midlife wealth mobility and long-term cardiovascular health. *JAMA Cardiology, 6*(10), 1152-1160. | 1 |
| 29 | Mänty, M., Kouvonen, A., Lallukka, T., Lahti, J., Lahelma, E., & Rahkonen, O. (2018). Changes in physical and mental health functioning during retirement transition: a register-linkage follow-up study. *European Journal of Public Health, 28*(5), 805-809. | 1 |
| 30 | McAllister, A., Bodin, T., Brønnum-Hansen, H., Harber-Aschan, L., Barr, B., Bentley, L., Liao, Q., Koitzsch, N., Andersen, I., Chen, W., Thielen K., Mustard, C., Diderichsen, F., Whitehead., M., & Burström, B. (2020). Inequalities in extending working lives beyond age 60 in Canada, Denmark, Sweden and England—By gender, level of education and health. *PloS one, 15*(8), e0234900. | 1 |
| 31 | Mathisen, J., Jensen, N. K., Bjorner, J. B., Brønnum-Hansen, H., Christensen, U., Thielen, K., Gadeberg, A., & Andersen, I. (2021). Disability pension among persons with chronic disease: Differential impact of a Danish policy reform. *European Journal of Public Health, 31*(1), 186-192. | 2 |
| 32 | Marshall, A., & Norman, P. (2013). Geographies of the impact of retirement on health in the United Kingdom. *Health & Place*, 20, 1-12. | 1 |
| 33 | Meneton, P., Lemogne, C., Herquelot, E., Bonenfant, S., Czernichow, S., Ménard, J., Goldberg, M., & Zins, M. (2017). Primary cardiovascular disease risk factors predicted by poor working conditions in the GAZEL cohort. *American Journal of Epidemiology, 186*(7), 815-823. | 1 |
| 34 | Mosca, I., & Barrett, A. (2014). The impact of voluntary and involuntary retirement on mental health: Evidence from older Irish adults. *IZA Discussion Paper No. 8723* | 1 |
| 35 | Myllyntausta, S., Pulakka, A., Salo, P., Kronholm, E., Pentti, J., Vahtera, J., & Stenholm, S. (2020). Changes in accelerometer-measured sleep during the transition to retirement: the Finnish Retirement and Aging (FIREA) study. *Sleep, 43*(7), zsz318. | 1 |
| 36 | Neupane, S., Nygård, C. H., Prakash, K. C., von Bonsdorff, M. B., von Bonsdorff, M. E., Seitsamo, J., Rantanen, T., Ilmarinen, J., & Leino-Arjas, P. (2018). Multisite musculoskeletal pain trajectories from midlife to old age: a 28-year follow-up of municipal employees. *Occupational and Environmental Medicine, 75*(12), 863-870. | 1 |
| 37 | Ng, R., Allore, H. G., Monin, J. K., & Levy, B. R. (2016). Retirement as meaningful: Positive retirement stereotypes associated with longevity. Journal of Social issues, 72(1), 69-85. | 1 |
| 38 | Nicholas, L. H., Done, N., & Baum, M. (2020). Lifetime job demands and later life disability. *The Journal of the Economics of Ageing, 17*, 100184. | 2 |
| 39 | Pebley, A. R., Goldman, N., Andrasfay, T., & Pratt, B. (2021). Trajectories of physical functioning among older adults in the US by race, ethnicity and nativity: Examining the role of working conditions. *PloS one, 16*(3), e0247804. | 1 |
| 40 | Pedersen, J., Gerds, T. A., Bjorner, J. B., & Christensen, K. B. (2014). Prediction of future labour market outcome in a cohort of long-term sick-listed Danes. *BMC Public Health, 14*(1), 1-11. | 1 |
| 41 | Platts, L. G., Netuveli, G., Webb, E., Zins, M., Goldberg, M., Blane, D., & Wahrendorf, M. (2013). Physical occupational exposures during working life and quality of life after labour market exit: results from the GAZEL study. *Aging & mental health, 17*(6), 697-706. | 1 |
| 42 | Prattley, J., & Chandola, T. (2021). The influence of household pension wealth, partner’s health and spousal employment status on heterogeneous early retirement transitions among women in England. *Work, Employment and Society, 35*(1), 57-77. | 1 |
| 44 | Pirkola, S., Nevalainen, J., Laaksonen, M., Fröjd, S., Nurmela, K., Näppilä, T., Tuulio-Henriksson, A., Autio, R., & Blomgren, J. (2020). The importance of clinical and labour market histories in psychiatric disability retirement: analysis of the comprehensive Finnish national-level RETIRE data. *Social Psychiatry and Psychiatric Epidemiology, 55*, 1011-1020. | 2 |
| 45 | Santini, Z. I., Jose, P. E., Koyanagi, A., Meilstrup, C., Nielsen, L., Madsen, K. R., & Koushede, V. (2020). Formal social participation protects physical health through enhanced mental health: A longitudinal mediation analysis using three consecutive waves of the Survey of Health, Ageing and Retirement in Europe (SHARE). *Social Science & Medicine*, 251, 112906. | 1 |
| 46 | Sakurai, M., Ishizaki, M., Miura, K., Nakashima, M., Morikawa, Y., Kido, T., ... & Nakagawa, H. (2020). Health status of workers approximately 60 years of age and the risk of early death after compulsory retirement: A cohort study. *Journal of Occupational Health, 62*(1), e12088. | 1 |
| 47 | Sewdas, R., Thorsen, S. V., Boot, C. R., Bjørner, J. B., & Van der Beek, A. J. (2020). Determinants of voluntary early retirement for older workers with and without chronic diseases: A Danish prospective study. *Scandinavian Journal of Public Health, 48*(2), 190-199. | 1 |
| 48 | Sewdas, R., van der Beek, A. J., de Wind, A., van der Zwaan, L. G., & Boot, C. R. (2018). Determinants of working until retirement compared to a transition to early retirement among older workers with and without chronic diseases: results from a Dutch prospective cohort study. *Scandinavian Journal of Public Health, 46*(3), 400-408. | 1 |
| 49 | Sundstrup, E., Hansen, Å. M., Mortensen, E. L., Poulsen, O. M., Clausen, T., Rugulies, R., Møller, A., & Andersen, L. L. (2016). Influence of physical and psychosocial work environment throughout life and physical and cognitive capacity in midlife on labor market attachment among older workers: study protocol for a prospective cohort study. *BMC Public Health, 16*(1), 1-8. | 3 |
| 50 | Sundstrup, E., Meng, A., Skovlund, S. V., Albertsen, K., & Andersen, L. L. (2023). Expected reasons for leaving the labour market and loss of paid employment among older workers: prospective cohort study. *BMC Public Health, 23*(1), 1-11. | 1 |
| 51 | Taylor, M. G., Ureña, S., & Kail, B. L. (2016). Service-related exposures and physical health trajectories among aging veteran men. *The Gerontologist, 56*(1), 92-103. | 3 |
| 52 | Testoff, A. C., Solle, N. S., Shafazand, S., Louzado-Feliciano, P., Lee, D. J., Koru-Sengul, T., Tulay, K., Kobetz, E., & Caban-Martinez, A. J. (2022). Sleep Latency and Post-Traumatic Stress Disorder Among Retired Career Florida Firefighters: Evidence From the Advancing Epidemiology of Retired Firefighters Aging Longitudinally Cohort. *Journal of Occupational and Environmental Medicine, 64(*12), e851-e856. | 1 |
| 53 | van Zon, S. K., Ots, P., Robroek, S. J., Burdorf, A., Hengel, K. M. O., & Brouwer, S. (2022). Do chronic diseases moderate the association between psychosocial working conditions and work exit? Longitudinal results from 55 950 Dutch workers. *Journal of Epidemiology Community Health, 76*(10), 847-852. | 1 |
| 54 | Vanajan, A., Bültmann, U., & Henkens, K. (2020). Why do older workers with chronic health conditions prefer to retire early?. *Age and Ageing, 49*(3), 403-410. | 1 |
| 55 | Virtanen, M., Oksanen, T., Batty, G. D., Ala-Mursula, L., Salo, P., Elovainio, M., ... & Kivimäki, M. (2014). Extending employment beyond the pensionable age: a cohort study of the influence of chronic diseases, health risk factors, and working conditions. *PloS one, 9*(2), e88695. | 1 |
| 56 | von Bonsdorff, M. E., Rantanen, T., Törmäkangas, T., Kulmala, J., Hinrichs, T., Seitsamo, J., Nygård, C., Ilmarinen, J., & von Bonsdorff, M. B. (2016). Midlife work ability and mobility limitation in old age among non-disability and disability retirees-a prospective study. *BMC Public Health, 16*(1), 1-8. | 2 |
| 57 | von Bonsdorff, M. E., Rantanen, T., Törmäkangas, T., Kulmala, J., Seitsamo, J., Nygård, C. H., Ilmarinen, J., & von Bonsdorff, M. B. (2015). Type of retirement as a determinant of pre-and post-retirement hospital in-patient care use: a prospective study. *Journal of Public Health, 37*(4), 707-715. | 1 |
| 58 | Waenerlund, A. K., Gustafsson, P. E., Hammarström, A., & Virtanen, P. (2014). History of labour market attachment as a determinant of health status: a 12-year follow-up of the Northern Swedish Cohort*. BMJ Open, 4*(2), e004053. | 1 |
| 59 | Walker-Bone, K., D’Angelo, S., Stevens, M., Linaker, C., Dennison, E., Cooper, C., & Syddall, H. (2018). Job stress and post-retirement health in the Hertfordshire Cohort Study. *Occupational Medicine, 68*(9), 572-579. | 1 |
| 60 | Wang, F., Zhu, J., Yao, P., Li, X., He, M., Liu, Y., Yuan, J., Chen, W., Xinwen L., Wang, Y., Wei, S., Liu, J., Miao, X., Lang, M., Jiang, X., Zhang, P., Li, D., Lu, C., Wang, X., Shi, W., Zheng, J… & Wu, T. (2013). Cohort profile: the Dongfeng–Tongji cohort study of retired workers.  *International Journal of Epidemiology, 42*(3), 731-740. | 1 |
| 61 | Xinxin, M. A. (2021). Social participation and self-reported health in China: evidence from Chinese middle-aged and elderly adults*. International Journal of Social Economics, 48*(1), 85-103. | 1 |
| 62 | Zhao, C., Guo, J., & Yan, J. (2023). Military Service and Health Outcomes of the Elderly in China. *Armed Forces & Society*, 0095327X221149423. | 1 |
| 63 | Zhao, Y., He, L., Han, C., Oldenburg, B., Sum, G., Haregu, T. N., & Liu, X. (2021). Urban-rural differences in the impacts of multiple chronic disease on functional limitations and work productivity among Chinese adults. *Global Health Action, 14*(1), 1975921. | 1 |
| 64 | Zinatullina, A. M., Melnik, V. P., & Zimina, A. A. (2021). Personal factors of biological aging in working and non-working respondents in late maturity period. *International Journal Health Science, 5*, 639-648. | 1 |
| 65 | Xinxin, M. A. (2021). Social participation and self-reported health in China: evidence from Chinese middle-aged and elderly adults. *International Journal of Social Economics, 48*(1), 85-103. | 1 |

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| **Legend.** *List of exclusion criteria* | | |
| N | Criteria | Exclusion |
| **1** | Variable | The outcomes where mental health, lifestyle behaviors (e.g., physical activity, sleeping habits, smoking, alcohol consumption); perceived health and/or cognitive functioning |
| **2** | Medical condition of participants | Participants retired on disability or receive a disability pension |
| **3** | Study design | Cross-sectional study designs, qualitative studies, meta-analyses, reviews and letters to the editor. |