PUBLICATION LIST NEAR 2025

NEAR Projects*

Peer-reviewed articles

Finkel, D., Hyde, M., Hasselgren, C., Sacco, L., Sindi, S., & Nilsen, C. (2025). Both childhood and adult perceived financial strain impact age trajectories of change in emotional health in late adulthood. *Aging & Mental Health, 29*(8), 1497–1504. https://doi.org/10.1080/13607863.2025.2464709. Includes the NEAR databases: Swedish Adoption/Twin Study of Aging (SATSA), Ageing in Women and Men: A Longitudinal Study of Gender Differences in Health Behaviour and Health among Elderly (GENDER), and Origin of Variances in the Oldest-Old: Octogenarian Twins (OCTO-Twin).

Finch, B. K., Finkel, D., Gatz, M., Pedersen, N. L., Reynolds, C. A., Sachdev, P., Selwood, A., Martin, N., & Mosing, M. A. (2025). Self-rated health and mortality: family background and genetic precursors. *Discover social science and health*, *5*(1), 139. https://doi.org/10.1007/s44155-025-00290-6. Includes the NEAR databases: SATSA, GENDER, and OCTO-Twin.

Gustavson, D. E., Bell, T. R., Buchholz, E. J., Zellers, S., Luczak, S. E., Reynolds, C. A., Finch, B. K., Nygaard, M., Catts, V. S., Christensen, K., Finkel, D., Kremen, W. S., Latvala, A., Martin, N. G., McGue, M., Mewton, L., Mosing, M. A., Panizzon, M. S., Plassman, B. L., Kapio, J., Gatz, M., Franz, C. E. The IGEMS Consortium. (2025). Genetic and environmental influences on alcohol consumption in middle to late life. *Psychology of Addictive Behaviors, 39*(7), 591–606. https://doi.org/10.1037/adb0001052. Includes the NEAR databases: Screening Across the Lifespan Twin Study (SALT), GENDER, OTCO-Twin, and SATSA.

Handels, R., Herring, W. L., Kamgar, F., Aye, S., Tate, A., Green, C., Gustavsson, A., Wimo, A., Winblad, B., Sköldunger, A., Raket, L. L., Stellick, C. B., Spackman, E., Hlávka, J., Wei, Y., Mar, J., Soto-Gordoa, M., de Kok, I., Brück, C., … Jönsson, L. (2025). *IPECAD* Modeling Workshop 2023 cross-comparison challenge on cost-effectiveness models in Alzheimer's disease. *Value in Health,* 28(4), 497–510. https://doi.org/10.1016/j.jval.2024.09.006. Based on the NEAR databases: Swedish National study on Aging and Care – Nordanstig (SNAC-N) and Kungsholmen Project (KP).

Javeed, A., Saleem, M., Anderberg, P., Berglund, J., Grande, G., Overton, M., & Elmståhl, S. (2025). A data-driven approach for early dementia prediction using insights from the Swedish National Study on Aging and Care. *Intelligence-Based Medicine, 12*, 100298. https://doi.org/10.1016/j.ibmed.2025.100298. Includes the NEAR databases: Swedish National study on Aging and Care – Blekinge (SNAC-B), Kungsholmen (SNAC-K), and Skåne (SNAC-S/GÅS).

Ler, P., Mak, J., Reynolds, C., Ploner, A., Pedersen, N., Jylhävä, J., Dahl Aslan, A., Finkel, D., & Karlsson, I. (2025). A Longitudinal Study of the Bidirectional Temporal Dynamics Between Body Mass Index and Biological Aging. *Journal of Cachexia, Sarcopenia and Muscle, 16*(3), e13824. https://doi.org/10.1002/jcsm.13824. Includes the NEAR databases: SATSA, GENDER, and OCTO-Twin.

McMurran, C. E., Karlsson, I. K., Mostafaei, S., Wang, Y., Gerritsen, L., Pedersen, N. L., & Hägg, S. (2025). Brain DNA Methylation Age, Lifestyle Factors and Dementia in the Swedish Twin Registry. *Aging cell*, *24*(8), e70117. https://doi.org/10.1111/acel.70117. Includes the NEAR databases: SATSA and SALT/HARMONY.

Petkus, A. J., Reynolds, C. A., Catts, V. S., Christensen, K., Finkel, D., Nygaard, M., Sachdev, P. S., Pedersen, N. L., & Gatz, M. (2025). Terminal increases in depressive symptoms in a multinational twin consortium. *Psychological Science, 36*(8), 637-655. https://doi.org/10.1177/09567976251351022. Includes the NEAR databases: SATSA, GENDER, and OCTO-Twin.

Schaefer, S. Y., Peterson, D. S., Ernsth-Bravell, M., Finkel, D. (2025). Predicting the onset of dementia with longitudinal performance-based measures of physical function. *The Journals of Gerontology: Series B, 80*(12), gbaf176. https://doi.org/10.1093/geronb/gbaf176. Includes the NEAR databases: SATSA, GENDER, and OCTO-Twin.

Thiesmeier R, Madley-Dowd P, Orsini N, Ahlqvist VH. (2025). Cross-site imputation can recover missing variables in federated multicenter studies. *Journal of Clinical Epidemiology, 184,* 111820. https://doi.org/10.1016/j.jclinepi.2025.111820. Methodological NEAR paper.

Thiesmeier, R., Bottai, M., & Orsini, N. (2025). Imputing missing values with external data: Applications for multisite settings and federated analyses. *The Stata Journal, 25*(4), 812-835. https://doi.org/10.1177/1536867X251398605. Methodological NEAR paper.

Thiesmeier R, Hofer SM, Orsini N. (2025). Multiple imputation for systematically missing effect modifiers in individual participant data meta-analysis. *Statistical Methods in Medical Research, 34*(8), 1590-1604. https://doi:10.1177/09622802251348800. Methodological NEAR paper.

Thiesmeier, R., Bottai, M., & Orsini, N. (2024). Systematically missing data in distributed data networks: multiple imputation when data cannot be pooled. *Journal of Statistical Computation and Simulation*, *94*(17), 3807–3825. https://doi.org/10.1080/00949655.2024.2404220. Methodological NEAR paper.

Thi Khanh, HN., Stafoggia, M., Sørensen, M., Poulsen, AH., Raaschou-Nielsen, O., Khan, J., Brandt, J., Olsen, A., Andersen, ZJ., Simonsen, MK., Lim, YH., Zhang, J., Cole-Hunter, T., Pershagen, G., Pyko, A., Åkesson, A., Stockfelt, L., Andersson, EM., Ögren, M., Segersson, D., Rosengren, A., Oudin, A., Albin, M., Engström, G., Gustafsson, S., Mattisson, K., Rizzuto, D., Magnusson, PK., Gudjonsdottir, H., Leander, K., Lanki, T., Tiittanen, P., Yli-Tuomi, T., Jousilahti, P., Ljungman, P., & de Bont, J. (2025). Exploring the interaction between ambient air pollution and road traffic noise on stroke incidence in ten Nordic cohorts. *Environment international,* 198; 109403. https://doi.org/10.1016/j.envint.2025.109403. Includes the NEAR databases: SNAC-K and SALT.

Walters, E.E., Luczak, S.E., Beam, C.R. et al. (2025). Is educational attainment protective against developing dementia? A twin study of genetic and environmental contributions. *European Journal of Epidemiology, 40*(10), 1177–1190. https://doi.org/10.1007/s10654-025-01286-x. Includes the NEAR databases: SATSA, GENDER, and OCTO-Twin.

Wimo, A., Handels, R., Blennow, K., Kirsebom, B. E., Selnes, P., Bon, J., Emersic, A., Gonzalez-Ortiz, F., Gregoric Kramberger, M., Sköldunger, A., Speh, A., Timón-Reina, S., Vromen, E., Visser, P. J., Winblad, B., & Fladby, T. (2025). Cost-effectiveness of diagnosing and treating patients with early Alzheimer's disease with anti-amyloid treatment in a clinical setting. *Journal of Alzheimer's Disease*, 104(4), 1167–1184. https://doi.org/10.1177/13872877251323231. Based on the NEAR databases: SNAC-B, SNAC-K, SNAC-N, and SNAC-S (GÅS).

Reports

Wimo, A., Qiu, C., Fratiglioni, L., Liang, Y., Grande, G., Sköldunger, A., Sanmartin Berglund, J., Elmståhl, S., Jönsson, L., Aye, S., Frisell, O., & Calderón-Larrañaga, A. (2025). *Antalet demenssjuka*

och kostnader för demenssjukdomar i Sverige 2023. Aging Research Center (ARC) och Avdelningen för neurogeriatrik, Karolinska Institutet. ISBN 978-91-531-4372-7. Includes the NEAR databases: SNAC-B, SNAC-K, SNAC-N, and SNAC-S (GÅS).

Socialdepartementet. (2025). *Varje dag räknas: Nationell demensstrategi 2025–2028*. (Dnr S2025/00121). Regeringskansliet. Based on the NEAR databases: SNAC-B, SNAC-K, SNAC-N, and SNAC-S (GÅS).

Thesis

Augustsson, E. (2025). Anchored or adrift? Social connection, health, and loneliness in later life. Karolinska Institutet. https://doi.org/10.69622/30102475. Includes the NEAR databases: SWEOLD and SHARE-S.

*Using two or more databases included in NEAR.

Publications by the local NEAR databases

The BETULA Project

Peer-reviewed articles

Fjell, A. M., Rogeberg, O., Sørensen, Ø., Amlien, I. K., Bartrés-Faz, D., Brandmaier, A. M., Cattaneo, G., Düzel, S., Grydeland, H., Henson, R. N., Kühn, S., Lindenberger, U., Lyngstad, T. H., Mowinckel, A. M., Nyberg, L., Pascual-Leone, A., Solé-Padullés, C., Sneve, M. H., Solana, J., … Vidal-Piñeiro, D. (2025). Reevaluating the role of education on cognitive decline and brain aging in longitudinal cohorts across 33 Western countries. *Nature Medicine*, *31*(9), p.2967-2976. https://doi.org/10.1038/s41591-025-03828-y

Gorbach, T., Carpenter, J. R., Frost, C., Josefsson, M., Nicholas, J. & Nyberg, L. (2025). Pattern Mixture Sensitivity Analyses via Multiple Imputations for Non-Ignorable Dropout in Joint Modeling of Cognition and Risk of Dementia. *Statistics in Medicine, 44*(6), e70040. https://doi.org/10.1002/SIM.70040

Nyberg, L. & Lundquist, A. (2025). Longitudinal profiles, predictors and brain maintenance of Betula Superagers. *Translational Neuroscience, 16*(1), 20250384. https://doi.org/10.1515/tnsci-2025-0384

Ravndal, A., Fjell, A. M., Vidal-Piñeiro, D., Sørensen, Ø., Falch, E. S., Kropiunig, J., Garrido, P. F., Roe, J. M., Alatorre-Warren, J. L., Sneve, M. H., Bartrés-Faz, D., Pascual-Leone, A., Brandmaier, A. M., Düzel, S., Kühn, S., Lindenberger, U., Nyberg, L., Watne, L. O., Henson, R. N., … Grydeland, H. (2025). Sex differences in healthy brain aging are unlikely to explain higher Alzheimer's disease prevalence in women. *Proceedings of the National Academy of Sciences of the United States of America*, *122*(42), e2510486122. https://doi.org/10.1073/pnas.2510486122

Raza, W., Pudas, S., Kanninen, K. M., Flanagan, E., Degerman, S., Adolfsson, R., Giugno, R., Topinka, J., Zeng, X. W., & Oudin, A. (2025). Associations between air pollution and relative leukocyte telomere length among northern Swedish adults based on findings from the Betula study. *Scientific Reports, 15*(1), 1–9. https://doi.org/10.1038/s41598-025-19469-7

Vidal, D., Sørensen, Ø., Strømstad, M., Amlien, I., Baare, W., Bartrés-Faz, D., Brandmaier, A., Cattaneo, G., Duezel, S., Ghisletta, P., Henson, R., Kühn, S., Lindenberger, U., Mowinckel, A., Nyberg, L., Pascual-Leone, A., Roe, J., Solana Sánchez, J., Sole-Padulles, C., Watne, L., Wolfers, T., Walhovd, K., & Fjell A. (2025). Vulnerability to memory decline in aging revealed by a mega-analysis of structural brain change. *Nature communications, 16(*1), 11488. https://doi.org/10.1038/s41467-025-66354-y

Vidal-Piñeiro, D., Sørensen, Ø., Strømstad, M., Amlien, I. K., Anderson, M., Baaré, W. F. C., Bartrés-Faz, D., Brandmaier, A. M., Bråthen, A. C., Garrido, P., Ghisletta, P., Grydeland, H., Henson, R. N., Kievit, R. A., Korbmacher, M., Kühn, S., Lindenberger, U., Mowinckel, A. M., Nyberg, L., … Fjell, A. M. (2025). Reliability of structural brain change in cognitively healthy adult samples. *Imaging Neuroscience, 3*:imag_a_00547. https://doi.org/10.1162/imag_a_00547

The Gothenburg H70 Birth Cohort Studies (H70, H85, H95 and PPSW)

<u>Peer-reviewed articles</u>

Arslan, B., Andreasson, U., Rembeza, E., Axelsson, M., Novakova, L., Kirsebom, B., Fladby, T., Dittrich, A., Kern, S., Skoog, I., Blennow, K., Zetterberg, H. & Kvartsberg, H. (2025). Validation of a plasma GFAP immunoassay and establishment of age-related reference values: bridging analytical performance and routine implementation. *Clinical Chemistry and Laboratory Medicine (CCLM)*, *63*(12), 2522-2535. https://doi.org/10.1515/cclm-2025-0870

Constantinescu, C., Ziegelitz, D., Wikkelsø, C., Kern, S., Jaraj, D., Rydén, L., Westman, E., Skoog, I., & Tullberg, M. (2025). MRI markers of idiopathic normal pressure hydrocephalus in a population study with 791 participants: Exploring reference values and associations. *The Neuroradiology Journal*, *38*(4):475-487. https://doi.org/10.1177/19714009241303132

de Dios, E., Näslund, O., Choudhry, M., Berglund, M., Skoglund, T., Sarovic, D., Rydén, L., Kern, S., Skoog, I., & Thurin, E. (2025). Prevalence and symptoms of incidental meningiomas: A population-based study. *Acta Neurochirurgica, 167*(1), 98. https://doi.org/10.1007/s00701-025-06506-7

Gisslevik, E., Svanqvist, L., Skoog, I., Lissner, L., & Rothenberg, E. (2025). Meal pattern variables and 15-year mortality: Results from the Gothenburg H70 Birth Cohort Studies, Sweden. *Food & Nutrition Research, 69*. https://doi.org/10.29219/fnr.v69.11445

Gray, R., Craig, M., Falk Erhag, H., Skoog, I., & Gow, A. J. (2025). Assessing the effect of musical experience on cognitive function in older age: A coordinated analysis. *Aging, Neuropsychology, and Cognition*, 1–24. https://doi.org/10.1080/13825585.2025.2517114

Kern, S., Skillbäck, T., Zetterberg, H., Dittrich, A., Ahlner, F., Zettergren, A., Waern, M., Seidu, N. M., Andreasson, U., Blennow, K., & Skoog, I. (2025). Alcohol consumption and cerebrospinal fluid biomarkers for preclinical Alzheimer's disease in a population-based sample of 70-year-olds. *Alzheimer's Research & Therapy, 17*(1), 175. https://doi.org/10.1186/s13195-025-01819-2

Marseglia, A., Dartora, C., Samuelsson, J., Poulakis, K., Mohanty, R., Shams, S., Lindberg, O., Rydén, L., Sterner, T. R., Skoog, J., Zettergren, A., Kern, S., Skoog, I., & Westman, E. (2025). Biological brain age and resilience in cognitively unimpaired 70-year-old individuals. *Alzheimer's & Dementia*, *21*(2):e14435. https://doi.org/10.1002/alz.14435

Meda, F. J., Dittrich, A., Skoog, I., Kern, S., Leckey, C., Wild, E. J., Paterson, R. W., Brinkmalm, G., Andreasson, U., Blennow, K., Zetterberg, H., & Kvartsberg, H. (2025). Alpha-internexin as a brain-specific neurodegeneration marker: Development and validation of a novel CSF assay. *Journal of Neurology, 272*(10), 676. https://doi.org/10.1007/s00415-025-13428-y

Oomens, J. E., Vos, S. J. B., Maserejian, N. N., Boada, M., Didic, M., Engelborghs, S., Fladby, T., van der Flier, W. M., Frisoni, G. B., Fröhlich, L., Gill, K. D., Grimmer, T., Hort, J., Itoh, Y., Iwatsubo, T., Klimkowicz-Mrowiec, A., Landau, S. M., Lee, D. Y., Lleó, A., Martinez-Lage, P., de Mendonça, A., Meyer, P. T., Parchi, P., Pardini, M., Parnetti, L., Popp, J., Rami, L., Reiman, E. M., Rinne, J. O., Rodrigue, K. M., Sánchez-Juan, P., Santana, I., Scarmeas, N., Scheltens, P., Skoog, I., Sperling, R. A., Stern, Y., Villeneuve, S., Waldemar, G., Wiltfang, J., Zetterberg, H., Alcolea, D., Allegri, R. F., Altomare, D., Bateman, R. J., Baiardi, S., Baldeiras, I., Blennow, K., den Braber, A., van Buchem, M. A., Byun, M. S., Cerman, J., Chen, K., Chipi, E., Day, G. S., Drzezga, A., Ekblad, L. L., Förster, S., Fortea, J., Freund-Levi, Y., Frings, L., Guedj, E., Habeck, C. G., Handels, R.,

Hausner, L., Hellwig, S., Jiménez-Bonilla, J. F., Juaristi, A. I., Kandimalla, R., Kern, S., Bordewick Kirsebom, B.-E. S., Kornhuber, J., Legdeur, N., Levin, J., Maier, W., Marquié, M., Minatani, S., Morbelli, S. D., Mroczko, B., Ntanasi, E., Resende de Oliveira, C., Orellana, A., Peters, O., Prabhakar, S., Ramakers, I. H., Rodríguez-Rodriguez, E., Ruiz, A., Rüther, E., Sakhardande, J., Selnes, P., Silva, D., Soininen, H., Spiru, L., Takeda, A., Teunissen, C. E., Tijms, B. M., Vermunt, L., Wallin, Å. K., Wiels, W., Yannakoulia, M., Yi, D., Zettergren, A., Ossenkoppele, R., Verhey, F. R. J., Visser, P. J., & Jansen, W. J. (2025). Associations of lifestyle factors with amyloid pathology in persons without dementia. *Journal of Alzheimer's Disease, 108*(3), 1043–1059. https://doi.org/10.1177/13872877251379083

Ossenkoppele, R., Coomans, E. M., Apostolova, L. G., Baker, S. L., Barthel, H., Beach, T. G., Benzinger, T. L. S., Betthauser, T., Bischof, G. N., Bottlaender, M., Bourgeat, P., den Braber, A., Brendel, M., Brickman, A. M., Cash, D. M., Carrillo, M. C., Coath, W., Christian, B. T., Dickerson, B. C., Dore, V., Drzezga, A., Feizpour, A., van der Flier, W. M., Franzmeier, N., Frisoni, G. B., Garibotto, V., van de Giessen, E., Domingo-Gispert, J., Gnoerich, J., Gu, Y., Guan, Y., Hanseeuw, B. J., Harrison, T. M., Jack, C. R., Jaeger, E., Jagust, W. J., Jansen, W. J., La Joie, R., Johnson, K. A., Johnson, S. C., Kennedy, I. A., Kim, J.-P., van Laere, K., Lagarde, J., Lao, P., Luchsinger, J. A., Kern, S., Kreisl, W. C., Malotaux, V., Malpetti, M., Manly, J. J., Mao, X., Mattsson-Carlgren, N., Messerschmidt, K., Minguillon, C., Mormino, E. M., O'Brien, J. T., Palmqvist, S., Peretti, D. E., Petersen, R. C., Pijnenburg, Y. A. L., Pontecorvo, M. J., Poirier, J., Rabinovici, G. D., Rahmouni, N., Risacher, S. L., Rosa-Neto, P., Rosen, H., Rowe, C. C., Rowe, J. B., Rullmann, M., Salman, Y., Sarazin, M., Saykin, A. J., Schneider, J. A., Schöll, M., Schott, J. M., Seo, S. W., Serrano, G. E., Shcherbinin, S., Shekari, M., Skoog, I., Smith, R., Sperling, R. A., Spruyt, L., Stomrud, E., Strandberg, O., Therriault, J., Xie, F., Vandenberghe, R., Villemagne, V. L., Villeneuve, S., Visser, P. J., Vossler, H., Young, C. B., Groot, C., & Hansson, O. (2025). Tau PET positivity in individuals with and without cognitive impairment varies with age, amyloid-β status, APOE genotype and sex. *Nature Neuroscience, 28*(8), 1610–1621. https://doi.org/10.1038/s41593-025-02000-6

Rydén, L., Seidu, N. M., Wetterberg, H., Najar, J., Waern, M., Kern, S., Blennow, K., Zetterberg, H., Skoog, I., & Zettergren, A. (2025). Polygenic risk scores for atrial fibrillation and heart failure and the risk of stroke and dementia. *Brain Communications, 7*(1), fcae477. https://doi.org/10.1093/braincomms/fcae477

Samtani, S., Mahalingam, G., Lam, B. C. P., Lipnicki, D. M., Numbers, K., Lima-Costa, M. F., Blay, S. L., Costa, E. C., Xiao, S., Reidel-Heller, S., Röhr, S., Pabst, A., Scarmeas, N., Yannakoulia, M., Kosmidis, M., Krishna, M., Kumaran, K., Shahar, S., Ng, T. P., Ho, R., Kim, K.-W., Skoog, I., Najar, J., Rydberg Sterner, T., Ganguli, M., Chang, C.-C. H., Hughes, T. F., Sachdev, P. S., & Brodaty, H., for the Cohort Studies of Memory in an International Consortium (COSMIC). (2025). Emotional and instrumental social support and older adults' depressive symptoms: Collaborative individual participant data meta-analysis of 11 population-based studies of ageing. *American Journal of Epidemiology, 194*(10), 3041–3049. https://doi.org/10.1093/aje/kwaf137

Samuelsson, J., Stubbendorff, A., Marseglia, A., Lindberg, O., Dartora, C., Cedres, N., Shams, S., Kern, S., Skoog, J., Rydén, L., Westman, E., & Skoog, I. (2025). Association of body composition with neuroimaging biomarkers and cognitive function: A population-based study of 70-year-olds. *EBioMedicine, 112*, 105555. https://doi.org/10.1016/j.ebiom.2024.105555

Stubbendorff, A., Kern, S., Rydén, L., Skoog, I., & Samuelsson, J. (2025). The EAT-Lancet diet in relation to nutrient intake among older adults: insights from the Gothenburg H70 birth cohort study. *Nutrition Journal, 24*(1), 124. https://doi.org/10.1186/s12937-025-01193-7

Thorvaldsson, V., Skoog, I., & Johansson, B. (2025). Delayed onset of cognitive terminal decline in later born cohorts: Evidence from a longitudinal study of two cohorts born 29-years apart. *Psychology and Aging, 40*(1), 109–116. https://doi.org/10.1037/pag0000846

Thörnqvist, K., Johansson, L., Solevid, M., Berg, A. I., Skoog, I., & Falk Erhag, H. (2025). Age-related changes in factors associated with self-rated health in Swedish older adults– findings from the Gothenburg H70 study cohort born 1930. *BMC Geriatrics, 25*(275). https://doi.org/10.1186/s12877-025-05923-8

Wang, R., Marseglia, A., Skoog, J., Lindberg, O., Pereira, J. B., Shams, S., Shams, M., Kivipelto, M., Sterner, T. R., Kern, S., Zettergren, A., Skoog, I., & Westman, E. (2025). Neuroimaging correlates of three distinct physical–cognitive phenotypes in cognitively normal older adults: The Gothenburg H70 cohort study. *Neurology, 104*(1): e210121. https://doi.org/10.1212/WNL.0000000000210121

Wiels, W. A., Oomens, J. E., Engelborghs, S., Baeken, C., von Arnim, C. A. F., Boada, M., Didic, M., Dubois, B., Fladby, T., van der Flier, W. M., Frisoni, G. B., … Jansen, W. J. (2025). Depressive symptoms and amyloid pathology. *JAMA Psychiatry, 82*(3), 296–310. https://doi.org/10.1001/jamapsychiatry.2024.4305

Zapater-Fajarí, M., Crespo-Sanmiguel, I., Cedres, N., Rydberg Sterner, T., Rydén, L., Sacuiu, S., Waern, M., Zettergren, A., Zetterberg, H., Blennow, K., Kern, S., Hidalgo, V., Salvador, A., Westman, E., Skoog, I., & Ferreira, D. (2025). Loneliness and biomarkers of brain pathology in people with subjective cognitive decline. *Scientific Reports, 15*(1), 11299. https://doi.org/10.1038/s41598-025-95411-1

The Swedish Adoption/Twin Study of Aging (SATSA)

<u>Peer-reviewed articles</u>

Lewitt, M. S., Karlsson, I. K., & Pedersen, N. L. (2025). IGFBP-1 and IGF-I in relation to adiposity and mortality from midlife to old age in the Swedish Adoption/Twin Study of Aging. *International journal of obesity*, *49*(7), 1327–1333. https://doi.org/10.1038/s41366-025-01773-x

Lopes De Oliveira, T., March, A., Mak, J. K. L., Pedersen, N. L., & Hägg, S. (2025). Protein epigenetic scores and overall mortality in the longitudinal Swedish Adoption/Twin Study of Aging (SATSA). *Clinical epigenetics*, *17*(1), 41. https://doi.org/10.1186/s13148-025-01843-x

Marttila, S., Rajić, S., Ciantar, J., Mak, J. K. L., Junttila, I. S., Kummola, L., Hägg, S., Raitoharju, E., & Kananen, L. (2025). Biological aging of different blood cell types. *GeroScience*, *47*(1), 1075–1092. https://doi.org/10.1007/s11357-024-01287-w

Yin, W., Li, X., Chen, R., Zhan, Y., Jylhävä, J., Fang, F., & Hägg, S. (2025). Marital and living status and biological ageing trajectories: a longitudinal cohort study with a 20-year follow-up. *Biogerontology*, *26*(1), 34. https://doi.org/10.1007/s10522-024-10171-1

Screening Across the Lifespan Twin Study (SALT)

Peer-reviewed articles

Kremen, W. S., Ericsson, M., Gatz, M., Karlsson, I. K., Nygaard, M., Pedersen, N. L., & Panizzon, M. S. (2025). A lifespan perspective on cognitive reserve and risk for dementia. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, *21*(6), e70176. https://doi.org/10.1002/alz.70176

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Report

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The Swedish National study on Aging and Care – Nordanstig (SNAC-N)

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