

## List of publications based on IMAS data, presented by year; 2011 - March 2021

**(In all:** 161 articles in international scientific journals; 4 in Swedish scientific journals; 14 scientific reports; 4 PhD thesis, 1 one licentiate thesis – and one PhD thesis partly based on IMAS data)

### 2021

#### Articles in international peer reviewed scientific journals in 2021

1. Amin R, Rahman S, Tinghög P, Helgesson M, Runeson B, Björkenstam E, Qin P, Mehlum L, Holmes EA, Mittendorfer-Rutz E. Healthcare use before and after suicide attempt in refugees and Swedish-born individuals. *Social Psychiatry and Psychiatric Epidemiology*. 2021;56(2):325-338. Doi:10.1007/s00127-020-01902-z
2. Beermann L, Alexanderson K, Martling A, Chen L. Overall and diagnosis-specific sickness absence and disability pension in colorectal cancer survivors and references in Sweden. *Journal of Cancer Survivorship*. Accepted 2021.
3. Chen L, Alexanderson K. Trajectories of sickness absence and disability pension before and after colorectal cancer: a Swedish longitudinal population-based matched cohort study. *PLOS ONE*. 2021;16(1): e0245246. doi.org/10.1371/journal.pone.0245246.
4. Björkenstam E, Helgesson M, Mittendorfer-Rutz E. Childhood adversity and common mental disorders in young employees in Sweden: is the association affected by early adulthood occupational class? *Social Psychiatry and Psychiatric Epidemiology* 2021;56(2):237-246. doi.org/10.1007/s00127-020-01874-0
5. Di Thiene D, Helgesson M, Rahman S, Alexanderson K, Tiihonen J, La Torre G, Mittendorfer-Rutz E. Risk of labour market marginalisation among young refugees and non-refugee migrants with common mental disorders. *Social Psychiatry and Psychiatric Epidemiology*. 2021. Published online 20 January. doi:10.1007/s00127-020-02022-4.
6. Heikkinen M, Taipale H, Tanskanen A, Mittendorfer-Rutz E, Lähteenvuo M, Tiihonen J. Real-world effectiveness of pharmacological treatments of alcohol use disorders in a Swedish nation-wide cohort of 125 556 patients, *Addiction*, 2021 Jan 4. doi: 10.1111/add.15384. Online ahead of print.
7. Helgesson M, Rahman S, Saboonchi F, Mittendorfer-Rutz E. Disability pension and mortality in individuals with specific somatic and mental disorders - examining differences between refugees and Swedish-born individuals. *Journal of Epidemiology and Community Health*, 2021. Published online 20 January. doi:10.1136/jech-2019-213436 PMID: 33472869
8. Holm M, Taipale H, Tanskanen A, Tiihonen J, Mittendorfer-Rutz E. Employment among people with schizophrenia or bipolar disorder: A population-based study using nationwide registers. *Acta Psychiatrica Scandinavica* 2021;143(1):61-71.
9. Kvillemo P, Chen L, Bottai M, Frumento P, Almondo G, Mittendorfer-Rutz E, Friberg E, Alexanderson K. Sickness absence and disability pension among women with breast cancer: a population-based cohort study from Sweden. *BMC Public Health*. 2021(21):697. doi.org/10.1186/s12889-021-10703-1.
10. Lintunen J, Taipale H, Tanskanen A, Mittendorfer-Rutz E, Tiihonen J, Lähteenvuo M. Long-Term Real-World Effectiveness of Pharmacotherapies for Schizoaffective Disorder.

- Schizophr Bull. 2021 Feb 3:sbab004. Epub ahead of print. doi: 10.1093/schbul/sbab004.
- Lähteenvuo M, Taipale H, Tanskanen A, Mittendorfer-Rtuz E, Tiihonen J. Effectiveness of Pharmacotherapies for Delusional Disorder in a Swedish National Cohort of 9076 Patients. *Schizophrenia Research*, 2021; 228 (367-72).
11. Lähteenvuo M, Taipale H, Tanskanen A, Mittendorfer-Rtuz E, Tiihonen J. Effectiveness of Pharmacotherapies for Delusional Disorder in a Swedish National Cohort of 9076 Patients. *Schizophrenia Research* 2021; 228:367-372
  12. McKay K, Friberg E, Razaz N, Alexanderson K, Hillert J. Long-term socioeconomic outcomes associated with pediatric-onset multiple sclerosis. *JAMA Neurology*. Published online 22 Feb 2021: Ei-E5. doi: 10.1001/jamaneurol.2020.5520.
  13. Ronne Engström E, Alexanderson K, Friberg E. Sickness absence, disability pension, and economic situation after a spontaneous subarachnoid haemorrhage among people in working age: a Swedish longitudinal nationwide cohort study. *BMJ Open*. 2021;11:e040941. doi:10.1136/bmjopen-2020-040941.
  14. Taipale H, Lähteenvuo M, Tanskanen A, Mittendorfer-Rutz E, Tiihonen J. Comparative Effectiveness of Antipsychotics for Risk of Attempted or Completed Suicide Among Persons With Schizophrenia. *Schizophrenia Bulletin* 2021;47(1):23-30. Doi:10.1093/schbul/sbaa111

## 2020

### PhD Thesis (partly based on IMAS data)

Elrud, R. Sickness absence, disability pension, and permanent medical impairment among car occupants injured in a crash. Karolinska Institutet, Division of Insurance Medicine 2020.

<https://openarchive.ki.se/xmlui/handle/10616/46132>

### Licentiate Thesis

Kjeldgård, L. Sickness absence and disability pension among individuals injured in a bicycle crash. Karolinska Institutet, Division of Insurance Medicine 2020.

<https://openarchive.ki.se/xmlui/handle/10616/47098>

### Articles in international peer reviewed scientific journals in 2020

1. Amin R, Rahman S, Dorner TE, Björkenstam E, Helgesson M, Norredam ML, Sijbrandij M, Aloskan Sever C, Mittendorfer-Rutz. Country of birth, time period of resettlement and subsequent treated common mental disorders in young refugees in Sweden. *European Journal of Public Health* 2020;30(6):1169-1175 <https://doi.org/10.1093/eurpub/ckaa140>.
2. Björkenstam C, László K, Orellana C, Lidwall U, Lindfors P, Voss M, Svedberg P, Alexanderson K. Sickness absence and disability pension in relation to first childbirth and in nulliparous women according to occupational groups: A cohort study of 492,504 women in Sweden. *BMC Public Health*. 2020;20(1)686.
3. Björkenstam E, Helgesson M, Amin R, Lange T, Mittendorfer-Rutz E. Mental disorders and suicidal behavior in refugees and Swedish-born individuals: Is the association affected by work disability? *Soc Psychiatry Psychiatr Epidemiol* 2020;55(8):1061-1071
4. Björkenstam E, Helgesson M, Amin R, Mittendorfer-Rutz E. Mental disorders, suicide attempt and suicide: differences in the association in refugees compared with Swedish-born individuals. *The British Journal of Psychiatry* 2020;217(6):679-685
5. Björkenstam E, Helgesson M, Norredam M, Sijbrandij M, Montgomery CJ, Mittendorfer-Rutz E. Common mental disorders among young refugees in Sweden: The role of education and duration of residency. *Journal of Affective Disorders* 2020;266:563-571.
6. Björkenstam E, Helgesson M, Norredam M, Sijbrandij M, de Montgomery CJ, Mittendorfer-Rutz E. Differences in psychiatric care utilization between refugees, non-

- refugees and Swedish-born youth. *Psychological Medicine* 2020. Published online 11 September. doi: 10.1017/S0033291720003190
7. Blomqvist S, Westerlund H, Alexanderson K, Magnusson Hanson LL. Labor market exit around retirement age in Sweden and trajectories of psychotropic drugs in a context of downsizing. *BMC Public Health* 2020; 20(1):618.
  8. Bokenberger K, Rahman S, Wang M, Dorner TE, Helgesson M, Ivert T, Mittendorfer-Rutz E. Work-disability patterns before and after incident acute myocardial infarction and subsequent risk of common mental disorders: A Swedish cohort study. *Scientific Reports* 2019;9 (16086). Doi 10.1038/s41598-019-52487-w
  9. Bütepage G, Esawi A, Alexanderson K, Friberg E, Murley C, Hillert J, Karampampa K. Cost-of-illness trajectories among people with multiple sclerosis by co-morbidity: A register-based prospective study in Sweden. *Multiple Sclerosis Journal* 2020;6(4):2055217320968597
  10. Chen L, Alexanderson K. Trajectories of sickness absence and disability pension in the 2 years before and 3 years after breast cancer diagnosis: A Swedish longitudinal population-based cohort study. *Cancer* 2020;126(12):2883-2891.
  11. Farrants K, Alexanderson K. Sickness absence among privately employed white-collar workers: a total population study in Sweden. *Scandinavian Journal of Public Health*. 2020;1-9.10 July. Doi:10.1177/1403494820934275
  12. Farrants K, Norberg J, Framke E, Rugulies R, Alexanderson K. Job demands and job control and future labor market situation: an 11-year prospective study of 2.2 million employees. *Journal of Occupational and Environmental Medicine* 2020;62(6):403-411.
  13. Gedin F, Alexanderson K, Zethraeus N, Karampampa K. Productivity losses among people with back pain and among population-based references: a register-based study in Sweden. *BMJ Open* 2020;10:e036638. doi:10.1136/bmjopen-2019-036638.
  14. Karampampa K, Gyllensten H, Yang F, Murley C, Friberg E, Hillert J, Alexanderson K. Healthcare, sickness absence, and disability pension cost trajectories in the first five years after diagnosis with Multiple Sclerosis: a prospective register-based cohort study in Sweden. *Pharmacoeconomics* 2020; 4(1):91-103.
  15. Kavaliunas A, Manouchehrinia A, Gyllensten H, Alexanderson K, Hillert J. Importance of early treatment decisions on future income of multiple sclerosis patients. *Multiple Sclerosis Journal* 2020; 1-9. Doi:10.1177/ 2055217320959116
  16. Kjeldgård L, Stigson H, Alexanderson K, Friberg E. Sequence analysis of sickness absence and disability pension in the year before and the three years following a bicycle crash; a nationwide longitudinal cohort study of 6353 injured individuals. *BMC Public Health* 2020;20:1710. Doi:10.1186/s12889-020-09788-x.
  17. Lallukka T, Mittendorfer-Rutz E, Ervasti J, Alexanderson K, Virtanen M. Unemployment trajectories and the early risk of disability pension among young people with and without autism spectrum disorders: a nationwide study in Sweden. *International Journal of Environmental Research and Public Health* 2020;17(7), 2486.
  18. Lytsy P, Alexanderson K, Friberg E. Gender differences in treatment with antidepressants during first weeks of a sick-leave spell due to depressive episode. *European Journal of Public Health* 2020; 30(2):299-304.
  19. Murley C, Karampampa K, Alexanderson K, Hillert J, Friberg F. Diagnosis-specific sickness absence and disability pension before and after multiple sclerosis diagnosis: An 8-year nationwide longitudinal cohort study with matched references. *Multiple Sclerosis and Related Disorders* 2020; 42:102077.
  20. Murley C, Tinghög P, Karampampa K, Hillert J, Alexanderson K, Friberg E. Types of working-life sequences among people recently diagnosed with multiple sclerosis in Sweden: A nationwide register-based cohort study. *BMJ open*. 2020;10:e039228. doi:10.1136/bmjopen-2020-039228.

21. Niederkrotenthaler T, Mittendorfer-Rutz E, Mehlum L, Qin P, Björkenstam E. Previous suicide attempt and subsequent risk of re-attempt and suicide: Are there differences in immigrant subgroups compared to Swedish-born individuals? *Journal of Affective Disorders* 2020; 265:263-271.
22. Niederkrotenthaler T, Mittendorfer-Rutz E, Saboonchi F, Helgesson M. The role of refugee status and mental disorders regarding subsequent labour market marginalisation: A register study from Sweden. *Social Psychiatry and Psychiatric Epidemiology* 2020; 55:697-704.
23. Norberg J, Alexanderson K, Framke E, Rugulies R, Farrants K. Job demands and control and sickness absence, disability pension and unemployment among 2 194 692 individuals in Sweden. *Scandinavian Journal of Public Health* 2020; 48(2):125-133.
24. Ropponen A, Gémes G, Frumento P, Almondo G, Bottai M, Friberg E, Alexanderson K. Predicting the duration of sickness absence spells due to back pain – a population-based study from Sweden. *Occupational and Environmental Medicine* 2020; 77(2):115-121.
25. Salonen L, Alexanderson K, Rugulies R, Framke E, Niemelä M, Farrants K. Combinations of job demands and job control and future trajectories of sickness absence and disability pension: An 11-year follow up of 2 million employees in Sweden. *Journal of Occupational and Environmental Medicine* 2020; 62(10):795-802.
26. Sjöstrand C, Alexanderson K, Josefsson P, Steinberg A. Sickness absence and disability pension days in cluster headache patients and matched references. *Neurology* 2020; 94(21):e2213-e2221.
27. Taipale H, Niederkrotenthaler T, Helgesson M, Sijbrandij M, Berg L, Tanskanen A, Mittendorfer-Rutz E. Initiation of antidepressant use among refugee and Swedish-born youth after diagnosis of a common mental disorder – findings from the REMAIN study. *Social Psychiatry and Psychiatric Epidemiology* 2020. Published online 10 September.
28. Taipale H, Rahman S, Tanskanen A, Mehtälä J, Hoti F, Jedenius E, Enkusson D, Leval A, Sermon J, Tiihonen J, Mittendorfer-Rutz E. Health and work disability outcomes in parents of patients with schizophrenia associated with antipsychotic exposure by the offspring. *Scientific Reports* 2020; 10(1):1219.
29. Taipale H, Reutfors J, Tanskanen A, Brandt L, Tiihonen J, DiBernardo A, Mittendorfer-Rutz E, Brenner P. Risk and risk factors for disability pension among patients with treatment resistant depression – a matched cohort study. *BMC Psychiatry* 2020; 20, 232.
30. Taipale H, Puranen A, Mittendorfer-Rutz E, Tiihonen J, Tanskanen A, Cervenka S, Lähteenvuo M. Antipsychotic use among persons with schizophrenia in Sweden and Finland, trends and differences. *Nord J Psychiatry* 2020 Dec 17;1-8. Published online. Doi: 10.1080/08039488.2020.1854853.
31. Vaez M, Leijon O, Wikman A, Nord T, Lidwall U, Wiberg M, Alexanderson K, Gonäs L. A follow-up of the introduction of a maximum entitlement period for receiving sickness benefits in Sweden: a nationwide register-based study. *Scandinavian Journal of Public Health*. 2020; 48(2):144-154.
32. Virtanen M, Lallukka T, Kivimäki M, Alexanderson K, Ervasti J, Mittendorfer-Rutz E. Neurodevelopmental disorders among young adults and the risk of sickness absence and disability pension: A nationwide register linkage study. *Scandinavian Journal of Work, Environment and Health* 2020;46(4):410-416
33. Wang M, László K, Svedberg P, Nylén L, Alexanderson K. Childbirth, morbidity, sickness absence, and disability pension: a population-based longitudinal cohort study in Sweden. *BMJ Open* 2020; 10(11):e037726.
34. Åkerstedt T, Mittendorfer-Rutz E, Rahman S. Sleep disturbance and work-related mental strain: A national prospective cohort study of the prediction of subsequent long-term sickness absence, disability pension and mortality. *Scandinavian Journal of Public Health* 2020; 48(8):888-845

**2019****PhD Thesis**

Di Thiene, D. Pathways to labour market marginalisation – aspects of common mental disorders, migration status and age. Karolinska Institutet, Division of Insurance Medicine, 2019

**Articles in international peer reviewed scientific journals in 2019**

1. Björkenstam C, Orellana C, László K, Svedberg P, Voss M, Lidwall U, Lindfors P, Alexanderson K. Sickness absence and disability pension before and after first childbirth and in nulliparous women: longitudinal analyses of three cohorts in Sweden. *BMJ Open* 2019; 9:e031593
2. Di Thiene D, Helgesson M, Rahman S, Alexanderson K, Tiihonen J, La Torre G, Mittendorfer-Rutz E. Trajectories of sickness absence, disability pension and unemployment in young immigrants with common mental disorders. *European Journal of Public Health* 2019;29(6):1055-1062
3. Farrants K, Friberg E, Sjölund S, Alexanderson K. Trajectories of future sickness absence and disability pension days among individuals with a new sickness absence spell due to osteoarthritis diagnosis  $\geq 21$  days: a prospective cohort study with 13-month follow-up. *BMJ Open* 2019; 9:e030054.
4. Gémes K, Frumento F, Almondo G, Bottai M, Holm J, Alexanderson K, Friberg E. A prediction model for duration of sickness absence due to stress-related disorders. *Journal of Affective Disorders* 2019; 250:9-15.
5. Gonäs L, Wikman A, Alexanderson K, Gustafsson K. Age, period, and cohort effects for future employment, sickness absence, and disability pension by occupational gender segregation; a population-based study of all employed people in a country (>3 millions). *Canadian Journal of Public Health* 2019;110(5):584-594
6. Gonäs L, Wikman A, Vaez M, Alexanderson K, Gustafsson K. Gender segregation of occupations and sustainable employment: A prospective population-based cohort study. *Scand J Public Health*. 2019;47:348-56.
7. Gonäs L, Wikman A, Vaez M, Alexanderson K, Gustafsson K. Changes in the gender segregation of occupations in Sweden between 2003 and 2011. *Scandinavian Journal of Public Health*. 2019;47:344-47.
8. Gyllensten H, Kavaliunas A, Murley C, Alexanderson K, Hillert J, Tinghög P, Friberg F. Costs of illness progression for different multiple sclerosis phenotypes: A population-based study in Sweden. *Multiple Sclerosis Journal* 2019; 5(2). Doi: 10.1177/2055217319858383
9. Helgesson M, Wang M, Niderkrotenthaler T, Saboonchi F, Mittendorfer-Rutz E. Labour market marginalisation among refugees from different countries of birth: A prospective cohort study on refugees to Sweden. *Journal of Epidemiology & Community Health*. 2019;73(5):407-415.
10. Kavaliunas A, Danylaite Karrenbauer V, Gyllensten H, Manouchehrinia A, Glaser A, Olsson T, Alexanderson K, Hillert J. Cognitive function is a major determinant of income among multiple sclerosis patients in Sweden acting independently from physical disability. *Multiple Sclerosis Journal* 2019;25(1):104-112 .
11. Kavaliunas A, Tinghög P, Friberg E, Olsson T, Alexanderson K, Hillert J, Danylaite Karrenbauer V. Cognitive function predicts work disability among multiple sclerosis patients. *Multiple Sclerosis Journal – Experimental, Translational and Clinical* 2019; 5(1):1-8
12. Kjeldgård L, Ohlin M, Elrud R, Stigson H, Alexanderson K, Friberg F. Bicycle crashes and sickness absence - A population-based Swedish register study of all individuals of working ages. *BMC Public Health* 2019; 15;19(1):943.
13. Lalic S, Simon S, Gyllensten H, Gisev N, Friberg E, Ilomaki J, Sluggett J, Mittendorfer-Rutz E, Alexanderson K. Trajectories of sickness absence and disability pension before and

- after opioid initiation for non-cancer pain: 10-year population-based study. *Pain* 2019; 160(5):1224-33.
14. László KD, Björkenstam C, Svedberg P, Lindfors P, Alexanderson K. Sickness absence and disability pension before and after first childbirth and in nulliparous women by numerical gender segregation of occupations: A Swedish population-based longitudinal cohort study. *PlosOne* 2019; 14(12):e0226198.
  15. Mittendorfer-Rutz E, Rahman S, Tanskanen A, Majak M, Mehtälä J, Hoti F, Jedenius E, Enksson D, Leval A, Sermon J, Taipale H, Tiihonen J. Burden for Parents of Patients With Schizophrenia—A Nationwide Comparative Study of Parents of Offspring With Rheumatoid Arthritis, Multiple Sclerosis, Epilepsy, and Healthy Controls. *Schizophrenia Bulletin*. 2019;45(4):794-803. doi: 10.1093/schbul/sby130.
  16. Murley C, Friberg E, Hillert J, Alexanderson K, Yang F. Validation of multiple sclerosis diagnoses in the Swedish National Patient Register. *European Journal of Epidemiology* 2019;34,1161-1169
  17. Perez-Vigil A, Mittendorfer-Rutz E, Helgesson M, Fernandez de la Cruz L, Mataix-Cols D. Labour market marginalisation in obsessive-compulsive disorder: a nationwide register-based sibling control study. *Psychol Med* 2019;49(6):1015-1024
  1. Rahman S, Mittendorfer-Rutz E, Dorner TE, Pazarlis K, Ropponen A, Svedberg P, Wang M, Helgesson M. Work-disability in low-back pain patients with or without surgery, and the role of social insurance regulation changes in Sweden. *European Journal of Public Health* 2019;29(3):524-530
  18. Rantonen O, Alexanderson K, Clark A, Aalto V, Sönden A, Brønnum-Hansen H, Hougaard C, Rod N, Mittendorfer-Rutz E, Kivimäki M, Oksanen T, Salo P. Antidepressant treatment among social workers, human service professionals, and non-human service professionals: A multi-cohort study in Finland, Sweden, and Denmark. *Journal of Affective Disorders* 2019; 250:153-162.
  19. Ropponen A, Rahman S, Svedberg P, Helgesson M, Dorner T, Mittendorfer-Rutz E. Changes in prescription of antidepressants and disability pension due to back pain, compared with other musculoskeletal and other somatic diagnoses: a cohort study in Sweden. *BMJ Open* 2019; 9:e029836
  20. Steinberg A, Josefsson P, Alexanderson K, Sjöstrand C. Cluster headache; prevalence, sickness absence and disability pension in working ages in Sweden. *Neurology* 2019; 93(4):e404-e413.
  21. Wang M, Vaez M, Dorner TE, Rahman S, Helgesson M, Ivert T, Mittendorfer-Rutz E. Risk factors for subsequent work disability in patients with acute myocardial infarction. *European Journal of Public Health* 2019; 29(3):531-540.
  22. Wiberg M, Murley C, Tinghög P, Alexanderson K, Palmer E, Hillert J, Stenbeck M, Friberg E. Earnings among people with multiple sclerosis compared to references, in total and by educational level and type of occupation: a population-based cohort study at different points in time. *BMJ Open* 2019; 9(7):e024836.

**2018****Licentiate Thesis**

Elrud R. Sickness absence, disability pension, and permanent medical impairment after a car crash. Karolinska Institutet, Division of Insurance Medicine 2018. (partly based on IMAS)

**Articles in international peer reviewed scientific journals in 2018**

2. Blomqvist S, Alexanderson K, Vahtera J, Westerlund H, Magnusson Hanson L. Downsizing and purchases of psychotropic drugs: a longitudinal study of stayers, changers and unemployed. *PLOS ONE* 2018;13(8) e0203433.
3. Di Thiene D, Rahman S, Helgesson M, Wang M, Alexanderson K, Tiihonen J, La Torre G, Mittendorfer-Rutz E. Healthcare use among immigrants and natives in Sweden on disability pension, before and after changes of regulations. *European Journal of Public Health* 2018; 28(3):445-451
4. Dorner TE, Helgesson M, Nilsson K, Pazarlis K, Ropponen A, Svedberg P, Mittendorfer-Rutz E. Course and characteristics of work disability 3 years before and after lumbar spine decompression surgery– a national population-based study. *Scientific reports*. 2018 Aug 7;8(1):11811.
5. Ervasti J, Virtanen M, Lallukka T, Friberg E, Mittendorfer-Rutz E, Lundström E, Alexanderson K. Trends in diagnosis-specific work disability before and after ischaemic heart disease: A nationwide population-based cohort study in Sweden. *BMJ Open*, 2018;8:e019749. doi:10.1136/bmjopen-2017-019749
6. Farrants K, Friberg E, Sjölund S, Alexanderson K. Work disability trajectories among individuals with a sick-leave spell due to depressive episode  $\geq 21$  days: A prospective cohort study with 13-month follow up. *Journal of Occupational Rehabilitation*. 2018;28(4):678-690
7. Farrants K, Marklund S, Kjeldgård L, Head J, Alexanderson K. Sick leave among individuals in paid work after age 65; a Swedish population-based study covering 1995, 2000, 2005, and 2010. *Scandinavian Journal of Public Health*. 2018;46:297-305.
8. Gyllensten H, Kavaliunas A, Hillert J, Alexanderson K, Tinghög P, Friberg E. Costs and quality of life by disability among people with multiple sclerosis: A register-based study in Sweden. *Multiple Sclerosis Journal*. 2018;4(3):1-11
9. Gyllensten H, Wiberg M, Alexanderson K, Friberg E, Hillert J, Tinghög P. Comparing costs of illness of multiple sclerosis in three different years: A population-based study. *Multiple Sclerosis Journal*. 2018;24(4):520-528
10. Gyllensten H, Wiberg M, Alexanderson K, Norlund A, Friberg E, Hillert J, Ernstsson O, Tinghög P. Costs of illness of multiple sclerosis in Sweden: A population-based register study of people of working age. *The European Journal of Health Economics* 2018;19(3):435-446
11. Helgesson M, Tinghög P, Wang M, Rahman S, Saboonchi F, Mittendorfer-Rutz E. Trajectories of work disability and unemployment among young adults with common mental disorders. *BMC Public Health* 2018;18(1):1228.
12. Lallukka T, Ervasti J, Lundström E, Mittendorfer-Rutz E, Friberg E, Virtanen M, Alexanderson K. Trends in Diagnosis-Specific Work Disability Before and After Stroke: A Longitudinal Population-Based Study in Sweden. *Journal of Am Heart Assoc*. 2018 Jan 4;7(1). pii: e006991.
13. Murley C, Mogard O, Wiberg M, Alexanderson K, Karampampa K, Friberg E, Tinghög P. Trajectories of disposable income among people of working ages diagnosed with multiple sclerosis: A nationwide register-based cohort study in Sweden 7 years before to 4 years after diagnosis with a population-based reference group. *BMJ Open*. 2018; 8(5): e020392.
14. Murley C, Yang F, Gyllensten H, Alexanderson K, Friberg E. Disposable income trajectories of working-aged individuals with diagnosed multiple sclerosis. *Acta Neurol Scand* 2018;138(6):490-499.
15. Niederkrotenthaler T, Helgesson M, Rahman S, Wang M, Mittendorfer-Rutz E. Period effects in the risk of subsequent labour market marginalization in young suicide attempters. *European Journal of Public Health* 2018; 28(2):253-258
16. Ohlin M, Kjeldgård L, Elrud R, Stigson H, Alexanderson K, Friberg E. Duration of sickness absence following a bicycle crash, by injury type and injured body region; a nationwide register-based study. *Journal of Transport & Health*. 2018;9:275-81.

17. Olsson D, Alexanderson K, Bottai M. Assessing the degree of residual confounding: a cohort study on the association between disability pension and mortality. *European Journal of Public Health*. 2018;28(5):836-41.
18. Rahman S, Wiberg M, Alexanderson K, Jokinen J, Tanskanen A, Mittendorfer Rutz E. Trajectories of antidepressant medication use in individuals before and after being granted disability pension due to common mental disorders- a nationwide register-based study. *BMC Psychiatry*. 2018;18:47. DOI:10.1186/s12888-018-1628-8.
19. Taipale H, Mittendorfer-Rutz E, Alexanderson K, Majak M, Mehtälä J, Hoti F, Jedenius E, Enkusson D, Leval A, Sermon J, Tanskanen A, Tiihonen J. Antipsychotics and mortality in a nationwide cohort of 29,823 patients with schizophrenia. *Schizophr Res* 2018; 197:274-280.

### **Editorial**

Erlangsen A, Qin P, Mittendorfer-Rutz E. Studies of suicidal behaviour using national registers. *Crisis*. 2018;39(3):153-158.

### **Scientific reports**

1. Farrants K, Sondén A, Nilsson K, Alexanderson K. Sjukfrånvaro bland privatanställda tjänstemän. Avdelningen för försäkringsmedicin, Karolinska Institutet. 2018. ISBN 978-91-7549-353-4.
2. Farrants K, Sondén A, Nilsson K, Alexanderson K. Sammanfattning 2017 av rapport om Sjukfrånvaro bland privatanställda tjänstemän. Avdelningen för försäkringsmedicin, Karolinska Institutet. 2018. ISBN 978-91-7676-051-2. (sid. 1-10)

## **2017**

### **PhD Theses**

1. Rahman S. Disability pension due to common mental disorders – subsequent psychiatric morbidity and suicidal behaviour. Karolinska Institutet, Division of Insurance Medicine 2017.
2. Wiberg M. Development of income following sickness absence from the workplace or long-term unemployment, and among individuals with Multiple Sclerosis. Karolinska Institutet, Division of Insurance Medicine 2017.

### **Articles in international peer reviewed scientific journals in 2017**

1. Brehmer L, Alexanderson K, Schytt E. Days with sick leave and inpatient care at the time around pregnancy and childbirth in relation to maternal age. *Scandinavian Journal of Public Health* 2017;45(3):222-229.
2. Di Thiene D, Helgesson M, Alexanderson K, La Torre G, Tiihonen J, Mittendorfer-Rutz E. Risk of disability pension in first and second generation immigrants: the role of age and region of birth in a prospective population-based study from Sweden. *BMC Public Health* 2017;17:931. DOI 10.1186/s12889-017-4944-x.
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