



Folkhälsomyndigheten

## Bilaga 2. Studier som exkluderats i relevansgranskning



## Bilaga 2. Referenslista över exkluderade studier

Nedan listas de artiklar som exkluderades vid relevansgranskningen eftersom de inte uppfyllde inklusionskriterierna. Vanliga anledningar till exklusion var fel studiedesign, frågeställning, ålder eller utfall.

1. af Klinteberg B, Almquist Y, Beijer U, Rydelius PA. Family psychosocial characteristics influencing criminal behaviour and mortality-possible mediating factors: a longitudinal study of male and female subjects in the Stockholm Birth Cohort. *BMC public health*. 2011;11:756. DOI:10.1186/1471-2458-11-756.
2. Alaie I, Låftman SB, Jonsson U, Bohman H. Parent-youth conflict as a predictor of depression in adulthood: a 15-year follow-up of a community-based cohort. *European child & adolescent psychiatry*. 2020;29(4):527-36. DOI:10.1007/s00787-019-01368-8.
3. Alfstad KÅ, Clench-Aas J, Van Roy B, Mowinckel P, Gjerstad L, Lossius MI. Gender differences in risk-taking behaviour in youth with epilepsy: A Norwegian population-based study. *Acta Neurologica Scandinavica*. 2011;124(Suppl 191):12-7. DOI:10.1111/j.1600-0404.2011.01537.x.
4. Algren MH, Ekholm O, Davidsen M, Larsen CVL, Juel K. Health behaviour and body mass index among problem gamblers: Results from a nationwide survey. *Journal of Gambling Studies*. 2015;31(2):547-56. DOI:10.1007/s10899-013-9437-y.
5. Almquist Y. Peer status in school and adult disease risk: a 30-year follow-up study of disease-specific morbidity in a Stockholm cohort. *Journal of epidemiology and community health*. 2009;63(12):1028-34. DOI:10.1136/jech.2009.088377.
6. Almquist YB. School performance as a precursor of adult health: exploring associations to disease-specific hospital care and their possible explanations. *Scandinavian journal of public health*. 2013;41(1):81-91. DOI:10.1177/1403494812469853.
7. Andersson F, Levander MT. Adult onset offending in a Swedish female birth cohort. *Journal of Criminal Justice*. 2013;41(3):172. DOI:10.1016/j.jcrimjus.2013.01.004.
8. Arendt M, Sher L, Fjordback L, Brandholdt J, Munk-Jorgensen P. Parental alcoholism predicts suicidal behavior in adolescents and young adults with cannabis dependence. *International Journal of Adolescent Medicine and Health*. 2007;19(1):67-77. DOI:10.1515/IJAMH.2007.19.1.67.
9. Armour C, Shorter GW, Elhai JD, Elklit A, Christoffersen MN. Polydrug use typologies and childhood maltreatment in a nationally representative survey of Danish young adults. *Journal of Studies on Alcohol and Drugs*. 2014;75(1):170-8. DOI:10.15288/jsad.2014.75.170.
10. Askeland KG, Sivertsen B, Skogen JC, La Greca AM, Tell GS, Aaro LE, et al. Alcohol and drug use among internationally adopted adolescents: Results from a Norwegian population-based study. *The American journal of orthopsychiatry*. 2018;88(2):226-35. DOI:10.1037/ort0000231.
11. Backman O, Stockeld D, Rasmussen F, Naslund E, Marsk R. Alcohol and substance abuse, depression and suicide attempts after Roux-en-Y gastric bypass surgery. *The British journal of surgery*. 2016;103(10):1336-42. DOI:10.1002/bjs.10258.

12. Baker JH, Maes HH, Larsson H, Lichtenstein P, Kendler KS. Sex differences and developmental stability in genetic and environmental influences on psychoactive substance consumption from early adolescence to young adulthood. *Psychological medicine*. 2011;41(9):1907-16. DOI:10.1017/s003329171000259x.
13. Barclay K, Myrskylä M, Tynelius P, Berglind D, Rasmussen F. Birth order and hospitalization for alcohol and narcotics use in Sweden. *Drug and alcohol dependence*. 2016;167:15-22. DOI:10.1016/j.drugalcdep.2016.06.029.
14. Bartoli F, Carra G, Brambilla G, Carretta D, Crocamo C, Neufeind J, et al. Association between depression and non-fatal overdoses among drug users: a systematic review and meta-analysis. *Drug and alcohol dependence*. 2014;134:12-21. DOI:10.1016/j.drugalcdep.2013.10.007.
15. Basu A, Farkas DK, Jiang T, Koenen KC, Lash TL, Henrik Toft S, et al. Incident psychiatric comorbidity following stress disorder diagnoses in Danish school-aged children: prospective population-based study. *The British Journal of Psychiatry*. 2020;217(1):377-82. DOI: 10.1192/bjp.2019.247.
16. Beijer U, Andreasson S. Gender, hospitalization and mental disorders among homeless people compared with the general population in Stockholm. *European journal of public health*. 2010;20(5):511-6. DOI:10.1093/eurpub/ckq033.
17. Beijer U, Andreasson S, Agren G, Fugelstad A. Mortality and causes of death among homeless women and men in Stockholm. *Scandinavian journal of public health*. 2011;39(2):121-7. DOI:10.1177/1403494810393554.
18. Berge J, Sundell K, Ojehagen A, Hakansson A. Role of parenting styles in adolescent substance use: results from a Swedish longitudinal cohort study. *BMJ open*. 2016;6(1):e008979. DOI:10.1136/bmjopen-2015-008979.
19. Berlin M, Vinnerljung B, Hjern A. School performance in primary school and psychosocial problems in young adulthood among care leavers from long term foster care. *Children and Youth Services Review*. 2011;33(12):2489-97. DOI:10.1016/j.chilyouth.2011.08.024.
20. Bernburg JG, Thorlindsson T, Sigfusdottir ID. The neighborhood effects of disrupted family processes on adolescent substance use. *Social Science & Medicine*. 2009;69(1):129-37. DOI:10.1016/j.socscimed.2009.04.025.
21. Bihlar Muld B, Jokinen J, Bolte S, Hirvikoski T. Attention deficit/hyperactivity disorders with co-existing substance use disorder is characterized by early antisocial behaviour and poor cognitive skills. *BMC psychiatry*. 2013;13:336. DOI:10.1186/1471-244x-13-336.
22. Birknes BF, Ravnanger K. Rusmisbrukere og traume. En undersøkelse av traumatiske hendelser og posttraumatisk stresslidelse blant rusmisbrukere. *Tidsskrift for Norsk Psykologforening*. 2002;39(9):823-5.
23. Björkenstam E, Burström B, Vinnerljung B, Kosidou K. Childhood adversity and psychiatric disorder in young adulthood: An analysis of 107,704 Swedes. *Journal of psychiatric research*. 2016;77:67-75. DOI:10.1016/j.jpsychires.2016.02.018.
24. Björkenstam E, Dalman C, Vinnerljung B, Weitoft GR, Walder DJ, Burström B. Childhood household dysfunction, school performance and psychiatric care utilisation in young adults: A register study of 96 399 individuals in Stockholm County. *Journal of Epidemiology and Community Health*. 2016;70(5):473-80. DOI:10.1136/jech-2015-206329.

25. Blom Nilsson M, Padyab M, McCarty D, Lundgren L. Sexual Abuse and Future Mental Health Hospitalization in a Swedish National Sample of Men Who Use Opioids. *Journal of addiction medicine*. 2020;14(4):e24-e8. DOI:10.1097/adm.0000000000000578.
26. Bohman H, Jonsson U, Paaren A, Von Knorring AL, Olsson G, Von Knorring L. Long-term follow-up of adolescent depression. A population-based study. *Upsala journal of medical sciences*. 2010;115(1):21-9. DOI:10.3109/03009730903572057.
27. Bramson LM, Rickert ME, Class QA, Sariaslan A, Almqvist C, Larsson H, et al. The association between childhood relocations and subsequent risk of suicide attempt, psychiatric problems, and low academic achievement. *Psychological medicine*. 2016;46(5):969-79. DOI:10.1017/s0033291715002469.
28. Breivik K, Olweus D. Adolescents' Adjustment in Four Post-Divorce Family Structures: Single Mother, Stepfather, Joint Physical Custody and Single Father Families. *Journal of Divorce & Remarriage*. 2006;44(3-4):99-124. DOI:10.1300/J087v44n03\_07.
29. Breivik K, Olweus D, Endresen I. Does the quality of parent-child relationships mediate the increased risk for antisocial behavior and substance use among adolescents in single-mother and single-father families? *Journal of Divorce & Remarriage*. 2009;50(6):400-26. DOI:10.1080/10502550902766282.
30. Brennan PA, Grekin ER, Mortensen EL, Mednick SA. Relationship of maternal smoking during pregnancy with criminal arrest and hospitalization for substance abuse in male and female adult offspring. *The American journal of psychiatry*. 2002;159(1):48-54. DOI:10.1176/appi.ajp.159.1.48.
31. Brannstrom L, Vinnerljung B, Hjerm A. Long-term outcomes of Sweden's Contact Family Program for children. *Child abuse & neglect*. 2013;37(6):404-14. DOI:10.1016/j.chiabu.2013.01.009.
32. Brännström L, Vinnerljung B, Hjerm A. Effectiveness of Sweden's Contact Family/Person Program for Older Children. *Research on Social Work Practice*. 2015;25(2):190. DOI:10.1177/1049731514524446
33. Brännström R, Sjöström E, Andréasson S. Individual, group and community risk and protective factors for alcohol and drug use among Swedish adolescents. *European Journal of Public Health*. 2008;18(1):12-8. DOI:10.1093/eurpub/ckm038.
34. Burdzovic Andreas J, Watson MW. Person-Environment Interactions and Adolescent Substance Use: The Role of Sensation Seeking and Perceived Neighborhood Risk. *Journal of Child & Adolescent Substance Abuse*. 2016;25(5):438-47. DOI:10.1080/1067828X.2015.1066722.
35. Burdzovic Andreas J, O'Farrell TJ. Psychosocial problems in children of women entering substance use disorder treatment: A longitudinal study. *Addictive behaviors*. 2017;65:193-7. DOI:10.1016/j.addbeh.2016.10.015.
36. Butwicka A, Langstrom N, Larsson H, Lundstrom S, Serlachius E, Almqvist C, et al. Increased Risk for Substance Use-Related Problems in Autism Spectrum Disorders: A Population-Based Cohort Study. *Journal of autism and developmental disorders*. 2017;47(1):80-9. DOI:10.1007/s10803-016-2914-2.
37. Calafat A, García F, Juan M, Becoña E, Fernández-Hermida JR. Which parenting style is more protective against adolescent substance use? Evidence within the European context. *Drug and Alcohol Dependence*. 2014;138:185-92. DOI:10.1016/j.drugaledep.2014.02.705.
38. Castagnini AC, Foldager L, Caffo E, Thomsen PH. Early-adult outcome of child and adolescent mental disorders as evidenced by a national-based case register survey. *European psychiatry : the journal of the Association of European Psychiatrists*. 2016;38:45-50. DOI:10.1016/j.eurpsy.2016.04.005.

39. Cederlof M, Kuja-Halkola R, Larsson H, Sjolander A, Ostberg P, Lundstrom S, et al. A longitudinal study of adolescent psychotic experiences and later development of substance use disorder and suicidal behavior. *Schizophrenia research*. 2017;181:13-6. DOI:10.1016/j.schres.2016.08.029.
40. Cederlof M, Maughan B, Larsson H, D'Onofrio BM, Plomin R. Reading problems and major mental disorders - co-occurrences and familial overlaps in a Swedish nationwide cohort. *Journal of psychiatric research*. 2017;91:124-9. DOI:10.1016/j.jpsychires.2017.03.014.
41. Chang Z, Lichtenstein P, Halldner L, D'Onofrio B, Serlachius E, Fazel S, et al. Stimulant ADHD medication and risk for substance abuse. *Journal of child psychology and psychiatry, and allied disciplines*. 2014;55(8):878-85. DOI:10.1111/jcpp.12164.
42. Christiansen SG, Bretteville-Jensen AL. Who seeks treatment for cannabis use? Registered characteristics and physical, psychological and psychosocial problem indicators among cannabis patients and matched controls. *BMC public health*. 2018;18(1):780. DOI:10.1186/s12889-018-5625-0.
43. Christoffersen MN. Risikofaktorer i barndommen—Langtidsvirkninger af forældres misbrug. *Psykologisk Paedagogisk Rådgivning*. 2000;37(3):257-68.
44. Class QA, Rickert ME, Larsson H, Lichtenstein P, D'Onofrio BM. Fetal growth and psychiatric and socioeconomic problems: population-based sibling comparison. *The British journal of psychiatry: the journal of mental science*. 2014;205(5):355-61. DOI:10.1192/bjp.bp.113.143693.
45. Class QA, Rickert ME, Larsson H, Oberg AS, Sujan AC, Almqvist C, et al. Outcome-dependent associations between short interpregnancy interval and offspring psychological and educational problems: a population-based quasi-experimental study. *International journal of epidemiology*. 2018. DOI:10.1093/ije/dyy042.
46. Coyne CA, Langstrom N, Lichtenstein P, D'Onofrio BM. The association between teenage motherhood and poor offspring outcomes: a national cohort study across 30 years. *Twin research and human genetics: the official journal of the International Society for Twin Studies*. 2013;16(3):679-89. DOI:10.1017/thg.2013.23.
47. Dalsgaard S, Mortensen PB, Frydenberg M, Thomsen PH. ADHD, stimulant treatment in childhood and subsequent substance abuse in adulthood - a naturalistic long-term follow-up study. *Addictive behaviors*. 2014;39(1):325-8. DOI:10.1016/j.addbeh.2013.09.002.
48. Dean K, Stevens H, Mortensen PB, Murray RM, Walsh E, Pedersen CB. Full spectrum of psychiatric outcomes among offspring with parental history of mental disorder. *Archives of general psychiatry*. 2010;67(8):822-9. DOI:10.1001/archgenpsychiatry.2010.86.
49. Dick DM, Rose RJ, Pulkkinen L, Kaprio J. Measuring puberty and understanding its impact: a longitudinal study of adolescent twins. *Journal of Youth and Adolescence*. 2001;30(4):385-99. DOI:10.1023/A:1010471015102
50. Dick DM, Rose RJ, Viken RJ, Kaprio J. Pubertal timing and substance use: associations between and within families across late adolescence. *Developmental psychology*. 2000;36(2):180-9. DOI:10.1037/0012-1649.36.2.180
51. Doering S, Lichtenstein P, Gillberg C, Middeldorp CM, Bartels M, Kuja-Halkola R, et al. Anxiety at age 15 predicts psychiatric diagnoses and suicidal ideation in late adolescence and young adulthood: Results from two longitudinal studies. *BMC Psychiatry*. 2019;19:11. DOI:10.1186/s12888-019-2349-3.
52. Donahue K, Langstrom N, Lundstrom S, Lichtenstein P, Forsman M. Familial Factors, Victimization, and Psychological Health Among Sexual Minority Adolescents in Sweden. *American journal of public health*. 2017;107(2):322-8. DOI:10.2105/ajph.2016.303573.

53. Donahue KL, Lichtenstein P, Langstrom N, D'Onofrio BM. Why does early sexual intercourse predict subsequent maladjustment? Exploring potential familial confounds. *Health psychology: official journal of the Division of Health Psychology, American Psychological Association*. 2013;32(2):180-9. DOI:10.1037/a0028922.
54. Donbaek DF, Elklit A, Pedersen MU. Post-traumatic stress disorder symptom clusters predicting substance abuse in adolescents. *Mental Health and Substance Use*. 2014;7(4):299-314. DOI: 10.1080/17523281.2013.873071.
55. D'Onofrio BM, Class QA, Rickert ME, Larsson H, Langstrom N, Lichtenstein P. Preterm birth and mortality and morbidity: a population-based quasi-experimental study. *JAMA psychiatry*. 2013;70(11):1231-40. DOI:10.1001/jamapsychiatry.2013.2107.
56. D'Onofrio BM, Rickert ME, Frans E, Kuja-Halkola R, Almqvist C, Sjolander A, et al. Paternal age at childbearing and offspring psychiatric and academic morbidity. *JAMA psychiatry*. 2014;71(4):432-8. DOI:10.1001/jamapsychiatry.2013.4525.
57. Dreier JW, Pedersen CB, Cotsapas C, Christensen J. Childhood seizures and risk of psychiatric disorders in adolescence and early adulthood: a Danish nationwide cohort study. *The Lancet Child & adolescent health*. 2019;3(2):99-108. DOI:10.1016/s2352-4642(18)30351-1.
58. Du Rietz E, Kuja-Halkola R, Brikell I, Jangmo A, Sariaslan A, Lichtenstein P, et al. Predictive validity of parent- and self-rated ADHD symptoms in adolescence on adverse socioeconomic and health outcomes. *European child & adolescent psychiatry*. 2017;26(7):857-67. DOI:10.1007/s00787-017-0957-3.
59. Egelund T, Hestbaek A-D. Small Children Are Placed Outside the Home: Results of a Longitudinal Danish Study of Children Placed from the 1995 Cohort. *Nordisk Sosialt Arbeid*. 2007;27(2):120-33.
60. Ellonen N, Piispa M, Peltonen K, Oranen M. Exposure to parental violence and outcomes of child psychosocial adjustment. *Violence and Victims*. 2013;28(1):3-15. DOI:10.1891/0886-6708.28.1.3.
61. Elonheimo H, Niemelä S, Parkkola K, Multimäki P, Helenius H, Nuutila A-M, et al. Police-registered offenses and psychiatric disorders among young males: The Finnish "From a boy to a man" birth cohort study. *Social Psychiatry and Psychiatric Epidemiology: The International Journal for Research in Social and Genetic Epidemiology and Mental Health Services*. 2007;42(6):477-84. DOI:10.1007/s00127-007-0192-1.
62. Erlangsen A, Runeson B, Bolton JM, Wilcox HC, Forman JL, Krogh J, et al. Association Between Spousal Suicide and Mental, Physical, and Social Health Outcomes: A Longitudinal and Nationwide Register-Based Study. *JAMA psychiatry*. 2017;74(5):456-64. DOI:10.1001/jamapsychiatry.2017.0226.
63. Fjorback LO, Brandholt J, Arendt M, Munk-Jorgensen P. [Social profile of young people seeking treatment for cannabis abuse]. *Ugeskrift for laeger*. 2006;168(6):570-3.
64. Friestad C, Åse-Bente R, Kjelsberg E. Adverse childhood experiences among women prisoners: Relationships to suicide attempts and drug abuse. *International Journal of Social Psychiatry*. 2014;60(1):40-6. DOI:10.1177/0020764012461235.
65. Frojd S, Marttunen M, Kaltiala-Heino R. The effect of adolescent- and parent-induced family transitions in middle adolescence. *Nordic journal of psychiatry*. 2012;66(4):254-9. DOI:10.3109/08039488.2011.628694.
66. Giacobini M, Medin E, Ahnemark E, Russo LJ, Carlqvist P. Prevalence, Patient Characteristics, and Pharmacological Treatment of Children, Adolescents, and Adults Diagnosed With ADHD in Sweden. *Journal of attention disorders*. 2018;22(1):3-13. DOI:10.1177/1087054714554617.

67. Gillespie NA, Aggen SH, Gentry AE, Neale MC, Knudsen GP, Krueger RF, et al. Testing Genetic and Environmental Associations Between Personality Disorders and Cocaine Use: A Population-Based Twin Study. *Twin research and human genetics: the official journal of the International Society for Twin Studies*. 2018;21(1):24-32. DOI:10.1017/thg.2017.73.
68. Gillespie NA, Aggen SH, Neale MC, Knudsen GP, Krueger RF, South SC, et al. Associations between personality disorders and cannabis use and cannabis use disorder: a population-based twin study. *Addiction*. 2018;113(8):1488-98. DOI:10.1111/add.14209.
69. Gjelsvik B, Heyerdahl F, Hawton K. Prescribed medication availability and deliberate self-poisoning: A longitudinal study. *The Journal of Clinical Psychiatry*. 2012;73(4):e548-e54. DOI:10.4088/JCP.11m07209.
70. Gjelsvik B, Heyerdahl F, Hawton K. Deliberate self-poisoning with prescribed drugs is not related to medical severity of acts. *The Journal of Clinical Psychiatry*. 2013;74(6):630. DOI:10.4088/JCP.12108298.
71. Gjeruldsen S, Myrvang B, Opjordsmoen S. Risk factors for drug addiction and its outcome. A follow-up study over 25 years. *Nordic journal of psychiatry*. 2003;57(5):373-6. DOI:10.1080/08039480310002714.
72. Gradus JL, Antonsen S, Svensson E, Lash TL, Resick PA, Hansen JG. Trauma, comorbidity, and mortality following diagnoses of severe stress and adjustment disorders: a nationwide cohort study. *American journal of epidemiology*. 2015;182(5):451-8. DOI:10.1093/aje/kwv066.
73. 73. Grahn R, Padyab M, Lundgren L. Associations between a risky psychosocial childhood and recurrent addiction compulsory care as adult. *Nordisk alkohol- & narkotikatidskrift: NAT*. 2020;37(1):54-68. DOI:10.1177/1455072519882785.
74. Grann M, Fazel S. Substance misuse and violent crime: Swedish population study. *BMJ (Clinical research ed)*. 2004;328(7450):1233-4. DOI:10.1136/bmj.328.7450.1233.
75. Groenman AP, Greven CU, van Donkelaar MM, Schellekens A, van Hulzen KJ, Rommelse N, et al. Dopamine and serotonin genetic risk scores predicting substance and nicotine use in attention deficit/hyperactivity disorder. *Addiction biology*. 2016;21(4):915-23. DOI:10.1111/adb.12230.
76. Gudjonsson GH, Sigurdsson JF, Sigfusdottir ID, Young S. An epidemiological study of ADHD symptoms among young persons and the relationship with cigarette smoking, alcohol consumption and illicit drug use. *Journal of Child Psychology and Psychiatry*. 2012;53(3):304-12. DOI:10.1111/j.1469-7610.2011.02489.x.
77. Guldager S, Linneberg IH, Hesse M. Order of age at onset for substance use, substance use disorder, conduct disorder and psychiatric illness. *Mental Health and Substance Use*. 2012;5(2):73-84. DOI:10.1080/17523281.2011.616178.
78. Gunnarsson M, Gustavsson JP, Tengström A, Franck J, Fahlke C. Personality traits and their associations with substance use among adolescents. *Personality and Individual Differences*. 2008;45(5):356-60. DOI:10.1016/j.paid.2008.05.004.
79. Gustavsen GW, Nayga RM, Jr., Wu X. Effects of parental divorce on teenage children's risk behaviors: Incidence and persistence. *Journal of Family and Economic Issues*. 2016;37(3):474-87. DOI:10.1007/s10834-015-9460-5.
80. Gårdvik KS, Rygg M, Torgersen T, Lydersen S, Indredavik MS. Psychiatric morbidity, somatic comorbidity and substance use in an adolescent psychiatric population at 3-year follow-up. *European child & adolescent psychiatry*. 2020. DOI:10.1007/s00787-020-01602-8.

81. Hagborg JM, Thorvaldsson V, Fahlke C. Child maltreatment and substance-use-related negative consequences: Longitudinal trajectories from early to mid adolescence. *Addictive Behaviors*. 2020;106:8. DOI:10.1016/j.addbeh.2020.106365
82. Hansen EB, Breivik G. Sensation seeking as a predictor of positive and negative risk behaviour among adolescents. *Personality and Individual Differences*. 2001;30(4):627-40. DOI:10.1016/S0191-8869(00)00061-1.
83. Harju O, Luukkonen A-H, Hakko H, Räsänen P, Riala K. Is an interest in computers or individual/team sports associated with adolescent psychiatric disorders? *Cyberpsychology, Behavior, and Social Networking*. 2011;14(7-8):461-5. DOI:10.1089/cyber.2010.0193.
84. Hodgins S, Tengström A, Bylin S, Göransson M, Hagen L, Jansson M, et al. Consulting for substance abuse: Mental disorders among adolescents and their parents. *Nordic Journal of Psychiatry*. 2007;61(5):379-86. DOI:10.1080/08039480701643423.
85. Hofvander B, Anckarsater H, Wallinius M, Billstedt E. Mental health among young adults in prison: the importance of childhood-onset conduct disorder. *BJPsych open*. 2017;3(2):78-84. DOI:10.1192/bjpo.bp.116.003889.
86. Howell KH, Cater ÅK, Miller-Graff LE, Schwartz LE, Graham-Bermann SA. The relationship between types of childhood victimisation and young adulthood criminality. *Criminal Behaviour and Mental Health*. 2017;27(4):341-53. DOI:10.1002/cbm.2002.
87. Huizink AC, Levalahti E, Korhonen T, Dick DM, Pulkkinen L, Rose RJ, et al. Tobacco, cannabis, and other illicit drug use among Finnish adolescent twins: causal relationship or correlated liabilities? *Journal of studies on alcohol and drugs*. 2010;71(1):5-14. 10.15288/jsad.2010.71.5. DOI:10.15288/jsad.2010.71.5
88. Hurtig T, Ebeling H, Taanila A, Miettunen J, Smalley S, McGough J, et al. ADHD and comorbid disorders in relation to family environment and symptom severity. *European Child & Adolescent Psychiatry*. 2007;16(6):362-9. DOI:10.1007/s00787-007-0607-2.
89. Hyggen C, Hammer T. From cannabis to problem drinking? Use and abuse from youth to adulthood. *Nordic studies on alcohol and drugs*. 2015;32(1):49-60. DOI:10.1515/nsad-2015-0007.
90. Ilomäki R, Hakko H, Timonen M, Lappalainen J, Mäkikyrö T, Räsänen P. Temporal relationship between the age of onset of phobic disorders and development of substance dependence in adolescent psychiatric patients. *Drug and Alcohol Dependence*. 2004;75(3):327-30. DOI:10.1016/j.drugaledep.2004.03.014.
91. Ilomäki R, Kaartinen K-L, Viilo K, Mäkikyrö T, Räsänen P. Intravenous drug dependence in adolescence. *Journal of Substance Use*. 2005;10(5):315-26. DOI:10.1080/14659890500114334.
92. Ilomäki R, Riala K, Hakko H, Lappalainen J, Ollinen T, Räsänen P, et al. Temporal association of onset of daily smoking with adolescent substance use and psychiatric morbidity. *European Psychiatry*. 2008;23(2):85-91. DOI:10.1016/j.eurpsy.2007.10.009.
93. Ilomäki R, Södervall J, Ilomäki E, Hakko H, Räsänen P. Drug-dependent boys are more depressed compared to girls: A comorbidity study of substance dependence and mental disorders. *European Addiction Research*. 2008;14(3):161-8. DOI:10.1159/000130420.
94. Jaaskelainen M, Holmila M, Notkola I-L, Raitasalo K. Mental disorders and harmful substance use in children of substance abusing parents: A longitudinal register-based study on a complete birth cohort born in 1991. *Drug and Alcohol Review*. 2016;35(6):728-40. DOI:10.1111/dar.12417.



95. Jarbin H, von Knorring A-L. Suicide and suicide attempts in adolescent-onset psychotic disorders. *Nordic Journal of Psychiatry*. 2004;58(2):115-23. DOI:10.1080/08039480410005611.
96. Jensen HK, Wieclaw J, Munch-Hansen T, Thulstrup AM, Bonde JP. Does dissatisfaction with psychosocial work climate predict depressive, anxiety and substance abuse disorders? A prospective study of Danish public service employees. *Journal of epidemiology and community health*. 2010;64(9):796-801. DOI:10.1136/jech.2008.083980.
97. Jokiranta-Olkonieni E, Cheslack-Postava K, Joelsson P, Suominen A, Brown AS, Sourander A. Attention-deficit/hyperactivity disorder and risk for psychiatric and neurodevelopmental disorders in siblings. *Psychological Medicine*. 2019;49(1):84-91. DOI:10.1017/S0033291718000521.
98. Joutsenniemi K, Moustgaard H, Koskinen S, Ripatti S, Martikainen P. Psychiatric comorbidity in couples: a longitudinal study of 202,959 married and cohabiting individuals. *Social psychiatry and psychiatric epidemiology*. 2011;46(7):623-33. DOI:10.1007/s00127-010-0228-9.
99. Järvinen M, Ravn S. Cannabis careers revisited: Applying Howard S. Becker's theory to present-day cannabis use. *Social Science & Medicine*. 2014;100:133-40. DOI:10.1016/j.socscimed.2013.11.002.
100. Järvinen M, Ravn S. Explanations and expectations: Drug narratives among young cannabis users in treatment. *Sociology of Health & Illness*. 2015;37(6):870-87. DOI:10.1111/1467-9566.12239.
101. Jaaskelainen M, Holmila M, Notkola IL, Raitasalo K. Mental disorders and harmful substance use in children of substance abusing parents: A longitudinal register-based study on a complete birth cohort born in 1991. *Drug and alcohol review*. 2016;35(6):728-40. DOI:10.1111/dar.12417.
102. Jurmu A, Jurmu E, Riala K, Hakko H, Riipinen P. Nicotine dependence in adolescence predicts later drug criminality: a register-based follow-up of adolescent psychiatric inpatients. *Journal of Addictive Diseases*. 2020;38(2):170-5. DOI:10.1080/10550887.2020.1732181
103. Kaltiala-Heino R, Rimpelä M, Rantanen P, Rimpelä A. Bullying at school—an indicator of adolescents at risk for mental disorders. *Journal of Adolescence*. 2000;23(6):661-74. DOI:10.1006/jado.2000.0351.
104. Kaltiala-Heino R, Koivisto A-m, Marttunen M, Fröjd S. Pubertal Timing and Substance Use in Middle Adolescence: A 2-Year Follow-up Study. *Journal of Youth and Adolescence*. 2011;40(10):1288-301. DOI:10.1007/s10964-011-9667-1.
105. Kapetanovic S, Skoog T, Bohlin M, Gerdner A. Aspects of the parent-adolescent relationship and associations with adolescent risk behaviors over time. *Journal of family psychology: JFP: journal of the Division of Family Psychology of the American Psychological Association (Division 43)*. 2019;33(1):1-11. DOI:10.1037/fam0000436.
106. 106. Kapetanovic S, Skoog T, Bohlin M, Gerdner A. Does one Size Fit All?-Linking Parenting With Adolescent Substance Use and Adolescent Temperament. *Journal of research on adolescence: the official journal of the Society for Research on Adolescence*. 2020;30 Suppl 2:443-57. DOI:10.1111/jora.12489.
107. Karjalainen K, Lintonen T, Hakkarainen P. Illicit drug use is increasing among non-medical users of prescription drugs—Results from population-based surveys 2002–2014. *Drug and Alcohol Dependence*. 2017;178:430-4. DOI:10.1016/j.drugalcdep.2017.05.041.
108. Kaye S, Ramos-Quiroga JA, van de Glind G, Levin FR, Faraone SV, Allsop S, et al. Persistence and Subtype Stability of ADHD Among Substance Use Disorder Treatment Seekers. *Journal of attention disorders*. 2016. DOI:10.1177/1087054716629217.

109. Kendler KS, Aggen SH, Tambs K, Reichborn-Kjennerud T. Illicit psychoactive substance use, abuse and dependence in a population-based sample of Norwegian twins. *Psychological medicine*. 2006;36(7):955-62. DOI:10.1017/s0033291706007720.
110. Kendler KS, Maes HH, Sundquist K, Ohlsson H, Sundquist J. Genetic and family and community environmental effects on drug abuse in adolescence: a Swedish national twin and sibling study. *The American journal of psychiatry*. 2014;171(2):209-17. DOI:10.1176/appi.ajp.2013.12101300.
111. Kendler KS, Ohlsson H, Edwards AC, Sundquist J, Sundquist K. A developmental etiological model for drug abuse in men. *Drug and alcohol dependence*. 2017;179:220-8. DOI:10.1016/j.drugalcdep.2017.06.036.
112. Kendler KS, Ohlsson H, Fagan AA, Lichtenstein P, Sundquist J, Sundquist K. Academic Achievement and Drug Abuse Risk Assessed Using Instrumental Variable Analysis and Co-relative Designs. *JAMA psychiatry*. 2018;75(11):1182-8. DOI:10.1001/jamapsychiatry.2018.2337.
113. Kendler KS, Ohlsson H, Mezuk B, Sundquist K, Sundquist J. Exposure to peer deviance during childhood and risk for drug abuse: a Swedish national co-relative control study. *Psychological medicine*. 2015;45(4):855-64. DOI:10.1017/s0033291714001937.
114. Kendler KS, Ohlsson H, Sundquist J, Sundquist K. Familial transmission of externalizing syndromes in extended Swedish families. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*. 2017. DOI:10.1002/ajmg.b.32611.
115. Kendler KS, Ohlsson H, Sundquist K, Sundquist J. A latent class analysis of drug abuse in a national Swedish sample. *Psychological medicine*. 2013;43(10):2169-78. DOI:10.1017/s0033291713000081.
116. Kendler KS, Ohlsson H, Sundquist K, Sundquist J. Within-family environmental transmission of drug abuse: a Swedish national study. *JAMA psychiatry*. 2013;70(2):235-42. DOI:10.1001/jamapsychiatry.2013.276.
117. Kendler KS, Ohlsson H, Sundquist K, Sundquist J. The causal nature of the association between neighborhood deprivation and drug abuse: a prospective national Swedish co-relative control study. *Psychological medicine*. 2014;44(12):2537-46. DOI:10.1017/s0033291713003048.
118. Kendler KS, Ohlsson H, Sundquist K, Sundquist J. Peer deviance, parental divorce, and genetic risk in the prediction of drug abuse in a nationwide Swedish sample: evidence of environment-environment and gene-environment interaction. *JAMA psychiatry*. 2014;71(4):439-45. DOI:10.1001/jamapsychiatry.2013.4166.
119. Kendler KS, Ohlsson H, Sundquist K, Sundquist J. Clinical features of drug abuse that reflect genetic risk. *Psychological medicine*. 2014;44(12):2547-56. DOI:10.1017/s0033291713003267.
120. Kendler KS, Ohlsson H, Sundquist K, Sundquist J. Environmental influences on familial resemblance for drug abuse in first-cousin pairs: a Swedish national study. *Psychological medicine*. 2014;44(2):371-9. DOI:10.1017/s0033291713000846.
121. Kendler KS, Ohlsson H, Sundquist K, Sundquist J. The causes of parent-offspring transmission of drug abuse: a Swedish population-based study. *Psychological medicine*. 2015;45(1):87-95. DOI:10.1017/s0033291714001093.
122. Kendler KS, Ohlsson H, Sundquist K, Sundquist J. Environmental clustering of drug abuse in households and communities: multi-level modeling of a national Swedish sample. *Social psychiatry and psychiatric epidemiology*. 2015;50(8):1277-84. DOI:10.1007/s00127-015-1030-5.
123. Kendler KS, Ohlsson H, Sundquist K, Sundquist J. The rearing environment and risk for drug abuse: a Swedish national high-risk adopted and not adopted co-sibling control study. *Psychological medicine*. 2016;46(7):1359-66. DOI:10.1017/s0033291715002858.

124. Kendler KS, Ohlsson H, Svikis DS, Sundquist K, Sundquist J. The Protective Effect of Pregnancy on Risk for Drug Abuse: A Population, Co-Relative, Co-Spouse, and Within-Individual Analysis. *The American journal of psychiatry*. 2017;174(10):954-62. DOI:10.1176/appi.ajp.2017.16091006.
125. Kendler KS, Sundquist K, Ohlsson H, Palmer K, Maes H, Winkleby MA, et al. Genetic and familial environmental influences on the risk for drug abuse: a national Swedish adoption study. *Archives of general psychiatry*. 2012;69(7):690-7. DOI:10.1001/archgenpsychiatry.2011.2112.
126. Kinnunen L, Niemela M, Hakko H, Miettunen J, Merikukka M, Karttunen V, et al. Psychiatric diagnoses of children affected by their parents' traumatic brain injury: the 1987 Finnish Birth Cohort study. *Brain injury*. 2018;32(7):933-40. DOI:10.1080/02699052.2018.1470331.
127. Kivisto JE, Rimpela A, Mattila VM. Adolescent risk factors for poisonings - a prospective cohort study. *Acta paediatrica (Oslo, Norway : 1992)*. 2011;100(12):1596-602. DOI:10.1111/j.1651-2227.2011.02387.x.
128. Kjelsberg E, Friestad C. Exploring gender issues in the development from conduct disorder in adolescence to criminal behaviour in adulthood. *International journal of law and psychiatry*. 2009;32(1):18-22. DOI:10.1016/j.ijlp.2008.11.004.
129. Kjelsberg E, Rustad A-B. Previous offending in young female prisoners is associated with drug problems, drug offenses and low social-emotional restraint. *The International Journal of Forensic Mental Health*. 2009;8(4):279-85. DOI:10.1080/14999011003635571.
130. Kobylecki CJ, Hansen T, Timm S, Wang A, Jakobsen KD, Sorensen HJ, et al. The impact of CYP2D6 and CYP2C19 polymorphisms on suicidal behavior and substance abuse disorder among patients with schizophrenia: a retrospective study. *Therapeutic drug monitoring*. 2008;30(3):265-70. DOI:10.1097/FTD.0b013e31817721d6.
131. Koisaari T, Michelsson K, Holopainen JM, Maksimainen R, Paivansalo J, Rantala K, et al. Traffic and Criminal Behavior of Adults with Attention Deficit-Hyperactivity with a Prospective Follow-Up from Birth to the Age of 40 Years. *Traffic injury prevention*. 2015;16(8):824-30. DOI:10.1080/15389588.2015.1029068.
132. Kontu M, Hakko H, Riala K, Riipinen P. Adolescence predictors for drug crime offending: A follow-up study of former adolescent psychiatric inpatients. *Community Mental Health Journal*. 2020. DOI: 10.1007/s10597-020-00708-2.
133. Korhonen LM, Taskinen M, Rantanen M, Erdmann F, Winther JF, Bautz A, et al. Suicides and deaths linked to risky health behavior in childhood cancer patients: A Nordic population-based register study. *Cancer*. 2019;125(20):3631-8. DOI:10.1002/encr.32373.
134. Korhonen T, Latvala A, Dick DM, Pulkkinen L, Rose RJ, Kaprio J, et al. Genetic and environmental influences underlying externalizing behaviors, cigarette smoking and illicit drug use across adolescence. *Behavior genetics*. 2012;42(4):614-25. DOI:10.1007/s10519-012-9528-z.
135. Korhonen T, van Leeuwen AP, Reijneveld SA, Ormel J, Verhulst FC, Huizink AC. Externalizing behavior problems and cigarette smoking as predictors of cannabis use: the TRAILS Study. *Journal of the American Academy of Child and Adolescent Psychiatry*. 2010;49(1):61-9. DOI:10.1016/j.jaac.2009.09.001
136. Kyaga S, Landen M, Boman M, Hultman CM, Laangstroem N, Lichtenstein P. Mental illness, suicide and creativity: 40-Year prospective total population study. *Journal of Psychiatric Research*. 2013;47(1):83-90. DOI:10.1016/j.jpsychires.2012.09.010.

137. Lahti M, Eriksson JG, Heinonen K, Kajantie E, Lahti J, Wahlbeck K, et al. Late preterm birth, post-term birth, and abnormal fetal growth as risk factors for severe mental disorders from early to late adulthood. *Psychological medicine*. 2015;45(5):985-99. DOI:10.1017/s0033291714001998.
138. Lahti M, Eriksson JG, Heinonen K, Kajantie E, Lahti J, Wahlbeck K, et al. Maternal Grand Multiparity and the Risk of Severe Mental Disorders in Adult Offspring. *PloS one*. 2014;9(12):e114679. DOI:10.1371/journal.pone.0114679.
139. Larsson D, Hemmingsson T, Allebeck P, Lundberg I. Self-rated health and mortality among young men: what is the relation and how may it be explained? *Scandinavian journal of public health*. 2002;30(4):259-66. DOI:10.1080/14034940210133997.
140. Latvala A, Kuja-Halkola R, D'Onofrio BM, Larsson H, Lichtenstein P. Cognitive ability and risk for substance misuse in men: genetic and environmental correlations in a longitudinal nation-wide family study. *Addiction*. 2016;111(10):1814-22. DOI:10.1111/add.13440.
141. Latvala A, Kuja-Halkola R, Rück C, D'Onofrio BM, Jernberg T, Almqvist C, et al. Association of resting heart rate and blood pressure in late adolescence with subsequent mental disorders: A longitudinal population study of more than 1 million men in Sweden. *JAMA psychiatry*. 2016;73(12):1268-75. DOI:10.1001/jamapsychiatry.2016.2717.
142. Latvala A, Tuulio-Henriksson A, Perälä J, Saarni SI, Aalto-Setälä T, Aro H, et al. Prevalence and correlates of alcohol and other substance use disorders in young adulthood: A population-based study. *BMC psychiatry*. 2009;9:14. DOI:10.1186/1471-244X-9-73.
143. Latvala A, Kuja-Halkola R, D'Onofrio BM, Jayaram-Lindström N, Larsson H, Lichtenstein P. Association of parental substance misuse with offspring substance misuse and criminality: A genetically informed register-based study. *Psychological Medicine*. 2020. DOI:10.1017/S0033291720002135.
144. Laukkanen M, Hakko H, Riala K, Rasanen P. Association of family background with adolescent smoking and regular use of illicit substances among underage psychiatric in-patients. *Journal of addictive diseases*. 2008;27(4):69-79. DOI:10.1080/10550880802324853.
145. Leikas S, Salmela-Aro K. Personality trait changes among young Finns: the role of life events and transitions. *Journal of personality*. 2015;83(1):117-26. DOI:10.1111/jopy.12088.
146. Lindblad F, Hjern A, Vinnerljung B. [Psychosocial and social problems among international adoptees. Increased risk of suicide, substance abuse and grave criminal offences]. *Lakartidningen*. 2003;100(9):707-9.
147. Lindstrom K, Lindblad F, Hjern A. Psychiatric morbidity in adolescents and young adults born preterm: a Swedish national cohort study. *Pediatrics*. 2009;123(1):e47-53. DOI:10.1542/peds.2008-1654.
148. Lipworth L, Nyren O, Ye W, Fryzek JP, Tarone RE, McLaughlin JK. Excess mortality from suicide and other external causes of death among women with cosmetic breast implants. *Annals of plastic surgery*. 2007;59(2):119-23; discussion 24-5. DOI:10.1097/SAP.0b013e318052ac50.
149. Lotfipour S, Ferguson E, Leonard G, Miettunen J, Perron M, Pike GB, et al. Maternal cigarette smoking during pregnancy predicts drug use via externalizing behavior in two community-based samples of adolescents. *Addiction*. 2014;109(10):1718-29. DOI:10.1111/add.12665.
150. Lundin A, Modig K, Halldin J, Carlsson AC, Wandell P, Theobald H. Mental disorder and long-term risk of mortality: 41 years of follow-up of a population sample in Stockholm, Sweden. *Epidemiology and psychiatric sciences*. 2016;25(4):384-92. DOI:10.1017/s2045796015000487.

151. Lundstrom S, Chang Z, Kerekes N, Gumpert CH, Rastam M, Gillberg C, et al. Autistic-like traits and their association with mental health problems in two nationwide twin cohorts of children and adults. *Psychological medicine*. 2011;41(11):2423-33. DOI:10.1017/s0033291711000377.
152. Lysell H, Dahlin M, Langstrom N, Lichtenstein P, Runeson B. Killing the mother of one's child: psychiatric risk factors among male perpetrators and offspring health consequences. *The Journal of clinical psychiatry*. 2016;77(3):342-7. DOI:10.4088/JCP.14m09564.
153. Maes HH, Neale MC, Ohlsson H, Zahery M, Lichtenstein P, Sundquist K, et al. A Bivariate Genetic Analysis of Drug Abuse Ascertained Through Medical and Criminal Registries in Swedish Twins, Siblings and Half-Siblings. *Behavior genetics*. 2016;46(6):735-41. DOI:10.1007/s10519-016-9801-7.
154. Manninen M, Pankakoski M, Gissler M, Suvisaari J. Adolescents in a residential school for behavior disorders have an elevated mortality risk in young adulthood. *Child and adolescent psychiatry and mental health*. 2015;9:46. DOI:10.1186/s13034-015-0078-z.
155. Martikainen P, Korhonen K, Moustgaard H, Aaltonen M, Remes H. Substance abuse in parents and subsequent risk of offspring psychiatric morbidity in late adolescence and early adulthood: A longitudinal analysis of siblings and their parents. *Social science & medicine (1982)*. 2018;217:106-11. DOI:10.1016/j.socscimed.2018.09.060.
156. Mason WA, January S-AA, Chmelka MB, Parra GR, Savolainen J, Miettunen J, et al. Cumulative contextual risk at birth in relation to adolescent substance use, conduct problems, and risky sex: General and specific predictive associations in a Finnish birth cohort. *Addictive Behaviors*. 2016;58:161-6. DOI:10.1016/j.addbeh.2016.02.031.
157. McGrath JJ, Petersen L, Agerbo E, Mors O, Mortensen PB, Pedersen CB. A comprehensive assessment of parental age and psychiatric disorders. *JAMA psychiatry*. 2014;71(3):301-9. DOI:10.1001/jamapsychiatry.2013.4081.
158. Mellentin AI, Brink M, Andersen L, Erlangsen A, Stenager E, Bjerregaard LB, et al. The risk of offspring developing substance use disorders when exposed to one versus two parent(s) with alcohol use disorder: A nationwide, register-based cohort study. *Journal of psychiatric research*. 2016;80:52-8. DOI:10.1016/j.jpsychires.2016.06.001.
159. Moen C, Öhlund LS. Negative memories of childhood and current drug use. *Nordic Journal of Psychiatry*. 2003;57(4):303-8. DOI:10.1080/08039480307282.
160. Mok PL, Antonsen S, Pedersen CB, Appleby L, Shaw J, Webb RT. National cohort study of absolute risk and age-specific incidence of multiple adverse outcomes between adolescence and early middle age. *BMC public health*. 2015;15:920. DOI:10.1186/s12889-015-2249-5.
161. Mok PLH, Webb RT, Appleby L, Pedersen CB. Full spectrum of mental disorders linked with childhood residential mobility. *Journal of Psychiatric Research*. 2016;78:57-64. DOI:10.1016/j.jpsychires.2016.03.011.
162. Mok PLH, Antonsen S, Pedersen CB, Webb RT. Younger or older parental age and risk of suicidality, premature death, psychiatric illness, and criminality in offspring. *Journal of affective disorders*. 2017;208:130-8. DOI:10.1016/j.jad.2016.10.001.
163. Mouridsen SE, Hauschild K-M. Substance use disorders: Findings from a longitudinal study of individuals with and without a history of developmental language disorders. *Folia Phoniatica et Logopaedica:International Journal of Phoniatics, Speech Therapy and Communication Pathology*. 2011;63(4):195-200. DOI:10.1159/000316413.

164. Mørkved N, Winje D, Dovran A, Arefjord K, Johnsen E, Kroken RA, et al. Childhood trauma in schizophrenia spectrum disorders as compared to substance abuse disorders. *Psychiatry Research*. 2018;261:481-7. DOI:10.1016/j.psychres.2018.01.011.
165. Nesvag R, Knudsen GP, Bakken IJ, Høy A, Ystrom E, Suren P, et al. Substance use disorders in schizophrenia, bipolar disorder, and depressive illness: a registry-based study. *Social psychiatry and psychiatric epidemiology*. 2015;50(8):1267-76. DOI:10.1007/s00127-015-1025-2.
166. Nygaard E, Slinning K, Moe V, Fjell A, Walhovd KB. Mental health in youth prenatally exposed to opioids and poly-drugs and raised in permanent foster/adoptive homes: A prospective longitudinal study. *Early human development*. 2019;140:104910. DOI:10.1016/j.earlhumdev.2019.104910.
167. Ohlsson H, Kendler KS, Lichtenstein P, Sundquist J, Sundquist K. The Decomposition of Shared Environmental Influences on Externalizing Syndromes in the Swedish Population: A Multivariate Study. *Twin research and human genetics : the official journal of the International Society for Twin Studies*. 2017;20(4):298-309. DOI:10.1017/thg.2017.31.
168. Olsson MO, Bradvik L, Ojehagen A, Hakansson A. Risk factors for unnatural death: Fatal accidental intoxication, undetermined intent and suicide: Register follow-up in a criminal justice population with substance use problems. *Drug and alcohol dependence*. 2016;162:176-81. DOI:10.1016/j.drugalcdep.2016.03.009.
169. Onyeka IN, Uosukainen H, Korhonen MJ, Beynon C, Bell JS, Ronkainen K, et al. Sociodemographic characteristics and drug abuse patterns of treatment-seeking illicit drug abusers in Finland, 1997-2008: the Huuti study. *Journal of addictive diseases*. 2012;31(4):350-62. DOI:10.1080/10550887.2012.735563.
170. Parra GR, Smith GL, Mason WA, Savolainen J, Chmelka MB, Miettunen J, et al. Profiles of Contextual Risk at Birth and Adolescent Substance Use. *Journal of Child and Family Studies*. 2018;27(3):717-24. DOI: 10.1007/s10826-017-0935-x.
171. Pedersen W. [Use of cannabis among adolescents and young adults in Norway]. *Tidsskrift for den Norske laegeforening : tidsskrift for praktisk medicin, ny raekke*. 2008;128(16):1825-8.
172. Petersen SM, Toftdahl NG, Nordentoft M, Hjorthøj C. Schizophrenia is associated with increased risk of subsequent substance abuse diagnosis: A nation-wide population-based register study. *Addiction*. 2019;114(12):2217-26. DOI:10.1111/add.14746
173. Pettersson E, Larsson H, Lichtenstein P. Common psychiatric disorders share the same genetic origin: a multivariate sibling study of the Swedish population. *Molecular psychiatry*. 2016;21(5):717-21. DOI:10.1038/mp.2015.116.
174. Plant M, Miller P, Plant M, Gmel G, Kuntsche S, Bergmark K, et al. The social consequences of binge drinking among 24- to 32-year-olds in six European countries. *Substance Use & Misuse*. 2010;45(4):528-42. DOI:10.3109/10826080802487176.
175. Päären A, Bohman H, von Knorring A-L, von Knorring L, Olsson G, Jonsson U. Hypomania spectrum disorder in adolescence: A 15-year follow-up of non-mood morbidity in adulthood. *BMC psychiatry*. 2014;14:15. DOI:10.1186/1471-244X-14-9.
176. Quinn PD, Pettersson E, Lundstrom S, Anckarsater H, Langstrom N, Gumpert CH, et al. Childhood attention-deficit/hyperactivity disorder symptoms and the development of adolescent alcohol problems: A prospective, population-based study of Swedish twins. *American journal of medical genetics Part B*,

- Neuropsychiatric genetics: the official publication of the International Society of Psychiatric Genetics. 2016;171(7):958-70. DOI:10.1002/ajmg.b.32412.
177. Quinn PD, Rickert ME, Weibull CE, Johansson ALV, Lichtenstein P, Almqvist C, et al. Association between maternal smoking during pregnancy and severe mental illness in offspring. *JAMA psychiatry*. 2017;74(6):589-96. DOI:10.1001/jamapsychiatry.2017.0456.
  178. Quinn PD, Fine KL, Rickert ME, Suján AC, Boersma K, Chang Z, et al. Association of Opioid Prescription Initiation During Adolescence and Young Adulthood With Subsequent Substance-Related Morbidity. *JAMA pediatrics*. 2020. DOI:10.1001/jamapediatrics.2020.2539.
  179. Rangmar J, Hjern A, Vinnerljung B, Stromland K, Aronson M, Fahlke C. Psychosocial outcomes of fetal alcohol syndrome in adulthood. *Pediatrics*. 2015;135(1):e52-8. DOI:10.1542/peds.2014-1915.
  180. Rasmussen IS, Arefjord K, Winje D, Dovran A. Childhood maltreatment trauma: A comparison between patients in treatment for substance use disorders and patients in mental health treatment. *European Journal of Psychotraumatology*. 2018;9(1):10. DOI: 10.1080/20008198.2018.1492835.
  181. Remes H, Moustgaard H, Kestilä LM, Martikainen P. Parental education and adolescent health problems due to violence, self-harm and substance use: what is the role of parental health problems? *Journal of epidemiology and community health*. 2019;73(3):225-31. DOI:10.1136/jech-2018-211316.
  182. Riala K, Hakko H, Isohanni M, Jarvelin MR, Rasanen P. Teenage smoking and substance use as predictors of severe alcohol problems in late adolescence and in young adulthood. *The Journal of adolescent health: official publication of the Society for Adolescent Medicine*. 2004;35(3):245-54. DOI:10.1016/j.jadohealth.2003.08.016.
  183. Ringback Weitoft G, Hjern A, Batljan I, Vinnerljung B. Health and social outcomes among children in low-income families and families receiving social assistance-a Swedish national cohort study. *Social science & medicine (1982)*. 2008;66(1):14-30. DOI:10.1016/j.socscimed.2007.07.031.
  184. Ristkari T, Sourander A, Ronning J, Helenius H. Self-reported psychopathology, adaptive functioning and sense of coherence, and psychiatric diagnosis among young men-a population-based study. *Social psychiatry and psychiatric epidemiology*. 2006;41(7):523-31. DOI:10.1007/s00127-006-0059-x.
  185. Root TL, Pisetsky EM, Thornton L, Lichtenstein P, Pedersen NL, Bulik CM. Patterns of co-morbidity of eating disorders and substance use in Swedish females. *Psychological medicine*. 2010;40(1):105-15. DOI:10.1017/s0033291709005662.
  186. Rostila M, Berg L, Arat A, Vinnerljung B, Hjern A. Parental death in childhood and self-inflicted injuries in young adults-a national cohort study from Sweden. *European child & adolescent psychiatry*. 2016;25(10):1103-11. DOI:10.1007/s00787-016-0833-6.
  187. Ränkä S, Karjalainen K, Martikainen P, Makela P. Social determinants of drug-related mortality in a general population. *Drug and alcohol dependence*. 2017;181:37-43. DOI:10.1016/j.drugaldep.2017.09.005.
  188. Sariaslan A, Langstrom N, D'Onofrio B, Hallqvist J, Franck J, Lichtenstein P. The impact of neighbourhood deprivation on adolescent violent criminality and substance misuse: a longitudinal, quasi-experimental study of the total Swedish population. *International journal of epidemiology*. 2013;42(4):1057-66. DOI:10.1093/ije/dyt066.
  189. Sariaslan A, Larsson H, D'Onofrio B, Langstrom N, Lichtenstein P. Childhood family income, adolescent violent criminality and substance misuse: quasi-experimental total population study. *The British journal of psychiatry : the journal of mental science*. 2014;205(4):286-90. DOI:10.1192/bjp.bp.113.136200.

190. Sarkola T, Gissler M, Kahila H, Autti-Rämö I, Halmesmäki E. Early healthcare utilization and welfare interventions among children of mothers with alcohol and substance abuse: A retrospective cohort study. *Acta Paediatrica*. 2011;100(10):1379-85. DOI:10.1111/j.1651-2227.2011.02317.x.
191. Sarkola T, Kahila H, Gissler M, Halmesmaki E. Risk factors for out-of-home custody child care among families with alcohol and substance abuse problems. *Acta paediatrica (Oslo, Norway : 1992)*. 2007;96(11):1571-6. DOI:10.1111/j.1651-2227.2007.00474.x.
192. Savage JE, Rose RJ, Pulkkinen L, Silventoinen K, Korhonen T, Kaprio J, et al. Early maturation and substance use across adolescence and young adulthood: A longitudinal study of Finnish twins. *Development and psychopathology*. 2018;30(1):79-92. DOI:10.1017/s0954579417000487.
193. Sheikh MA, Abelsen B, Olsen JA. Clarifying associations between childhood adversity, social support, behavioral factors, and mental health, health, and well-being in adulthood: A population-based study. *Frontiers in Psychology*. 2016;7:24. DOI:10.3389/fpsyg.2016.00727
194. Skoglund C, Chen Q, Franck J, Lichtenstein P, Larsson H. Attention-deficit/hyperactivity disorder and risk for substance use disorders in relatives. *Biological psychiatry*. 2015;77(10):880-6. DOI:10.1016/j.biopsych.2014.10.006.
195. Solberg BS, Halmoy A, Engeland A, Igland J, Haavik J, Klungsoyr K. Gender differences in psychiatric comorbidity: a population-based study of 40 000 adults with attention deficit hyperactivity disorder. *Acta psychiatrica Scandinavica*. 2018;137(3):176-86. DOI:10.1111/acps.12845.
196. Solmi F, Sonnevile KR, Easter A, Horton NJ, Crosby RD, Treasure J, et al. Prevalence of purging at age 16 and associations with negative outcomes among girls in three community-based cohorts. *Journal of child psychology and psychiatry, and allied disciplines*. 2015;56(1):87-96. DOI:10.1111/jcpp.12283.
197. Sourander A, Fossum S, Ronning JA, Elonheimo H, Ristkari T, Kumpulainen K, et al. What is the long-term outcome of boys who steal at age eight? Findings from the Finnish nationwide "From A Boy To A Man" birth cohort study. *Social psychiatry and psychiatric epidemiology*. 2012;47(9):1391-400. DOI:10.1007/s00127-011-0455-8.
198. Sourander A, Multimaki P, Nikolakaros G, Haavisto A, et al. Childhood Predictors of Psychiatric Disorders Among Boys: A Prospective Community-Based Follow-up Study From Age 8 Years to Early Adulthood. *Journal of the American Academy of Child and Adolescent Psychiatry*. 2005;44(8):756-67. DOI:10.1097/01.chi.0000164878.79986.2f
199. Sourander A, Ronning J, Brunstein-Klomek A, Gyllenberg D, Kumpulainen K, Niemelä S, et al. Childhood bullying behavior and later psychiatric hospital and psychopharmacologic treatment: Findings from the Finnish 1981 Birth Cohort Study. *Archives of General Psychiatry*. 2009;66(9):1005-12. DOI:http://dx.doi.org/10.1001/archgenpsychiatry.2009.122.
200. Steel JL, Herlitz CA. The association between childhood and adolescent sexual abuse and proxies for sexual risk behavior: a random sample of the general population of Sweden. *Child abuse & neglect*. 2005;29(10):1141-53. DOI:10.1016/j.chiabu.2004.10.015.
201. Steffenak AK, Nordstrom G, Wilde-Larsson B, Skurtveit S, Furu K, Hartz I. Mental distress and subsequent use of psychotropic drugs among adolescents-a prospective register linkage study. *The Journal of adolescent health : official publication of the Society for Adolescent Medicine*. 2012;50(6):578-87. DOI:10.1016/j.jadohealth.2011.10.011.



202. Steinhausen HC, Bisgaard C. Substance use disorders in association with attention-deficit/hyperactivity disorder, co-morbid mental disorders, and medication in a nationwide sample. *European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology*. 2014;24(2):232-41. DOI:10.1016/j.euroneuro.2013.11.003.
203. Steinhausen HC, Foldager L, Perto G, Munk-Jorgensen P. Family aggregation of mental disorders in the nationwide Danish three generation study. *European archives of psychiatry and clinical neuroscience*. 2009;259(5):270-7. DOI:10.1007/s00406-008-0865-0.
204. Sundquist J, Sjostedt C, Winkleby M, Li X, Kendler KS, Sundquist K. Neighborhood linking social capital as a predictor of drug abuse: A Swedish national cohort study. *Addictive behaviors*. 2016;63:37-44. DOI:10.1016/j.addbeh.2016.07.002.
205. Svensson R. Risk factors for different dimensions of adolescent drug use. *Journal of Child & Adolescent Substance Abuse*. 2000;9(3):67-90. DOI:http://dx.doi.org/10.1300/J029v09n03\_05.
206. Sørensen JK, Pedersen AF, Vedsted P, Bruun NH, Christensen B. Substance use disorders among Danish physicians: An explorative study of the professional socialization and management of colleagues with substance use disorders. *Journal of Addiction Medicine*. 2016;10(4):248-54. DOI:http://dx.doi.org/10.1097/ADM.0000000000000228.
207. Tjora T, Hetland J, Aaro LE, Wold B, Overland S. Late-onset smokers: how many, and associations with health behaviours and socioeconomic status. *Scandinavian journal of public health*. 2012;40(6):537-43. DOI:10.1177/1403494812454233.
208. Turner R, Daneback K, Skårner A. Explaining trajectories of adolescent drunkenness, drug use, and criminality: A latent transition analysis with socio-ecological covariates. *Addictive Behaviors*. 2020;102:8. DOI:http://dx.doi.org/10.1016/j.addbeh.2019.106145. *Addiction*. 2020;115(7):1368-77. DOI:http://dx.doi.org/10.1111/add.14910.
209. Tyrfinngsson T, Thorgeirsson TE, Geller F, Runarsdottir V, Hansdottir I, Bjornsdottir G, et al. Addictions and their familiarity in Iceland. *Annals of the New York Academy of Sciences*. 2010;1187:208-17. DOI:10.1111/j.1749-6632.2009.05151.x.
210. Vinberg M. Risk. Impact of having a first-degree relative with affective disorder: a 7-year follow-up study. *Danish medical journal*. 2016;63(10).
211. Vinnerljung B, Hjern A. Consumption of psychotropic drugs among adults who were in societal care during their childhood-A Swedish national cohort study. *Nordic journal of psychiatry*. 2014;68(8):611-9. DOI:10.3109/08039488.2014.902501.
212. Virtanen S, Kuja-Halkola R, Lundström S, D'Onofrio BM, Larsson H, Suvisaari J, et al. Longitudinal Associations of Childhood Internalizing Psychopathology With Substance Misuse: A Register-Based Twin and Sibling Study. *Journal of the American Academy of Child and Adolescent Psychiatry*. 2020. DOI:10.1016/j.jaac.2020.06.009.
213. von Greiff N, Skogens L, Berlin M, Bergmark A. Mortality and Cause of Death-A 30-Year Follow-Up of Substance Misusers in Sweden. *Substance use & misuse*. 2018;53(12):2043-51. DOI:10.1080/10826084.2018.1452261.
214. Waaktaar T, Kan KJ, Torgersen S. The genetic and environmental architecture of substance use development from early adolescence into young adulthood: a longitudinal twin study of comorbidity of alcohol, tobacco and illicit drug use. *Addiction*. 2018;113(4):740-8. DOI:10.1111/add.14076.

215. Webb RT, Pedersen CB, Mok PL. Adverse Outcomes to Early Middle Age Linked With Childhood Residential Mobility. *American journal of preventive medicine*. 2016;51(3):291-300. DOI:10.1016/j.amepre.2016.04.011.
216. Wilcox HCP, Kuramoto SJMHS, Lichtenstein PP, Långström NMDP, Brent DAMD, Runeson BMDP. Psychiatric Morbidity, Violent Crime, and Suicide Among Children and Adolescents Exposed to Parental Death. *Journal of the American Academy of Child and Adolescent Psychiatry*. 2010;49(5):514. DOI: 10.1016/j.jaac.2010.01.020.
217. Wimberley T, Agerbo E, Horsdal HT, Ottosen C, Brikell I, Als TD, et al. Genetic liability to ADHD and substance use disorders in individuals with ADHD. *Addiction (Abingdon, England)*. 2020;115(7):1368-77. DOI:10.1111/add.14910.
218. Ystrom E, Reichborn-Kjennerud T, Neale MC, Kendler KS. Genetic and environmental risk factors for illicit substance use and use disorders: Joint analysis of self and co-twin ratings. *Behavior Genetics*. 2014;44(1):1-13. DOI:<http://dx.doi.org/10.1007/s10519-013-9626-6>.
219. Yule AM, Martelon M, Faraone SV, Carrellas N, Wilens TE, Biederman J. Examining the association between attention deficit hyperactivity disorder and substance use disorders: A familial risk analysis. *Journal of psychiatric research*. 2017;85:49-55. DOI:10.1016/j.jpsychires.2016.10.018.
220. Zubak Z, Terzic A, Zenic N, Ostojic L, Zubak I, Jelcic M, et al. Are Sports-Related Factors Correlated to the Prevalence and Initiation of Illicit Drug Misuse in Adolescence? Prospective Study in Older Adolescents. *BioMed research international*. 2018;2018:1236284. DOI:10.1155/2018/1236284.

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