Appendix 1: Search Strategy

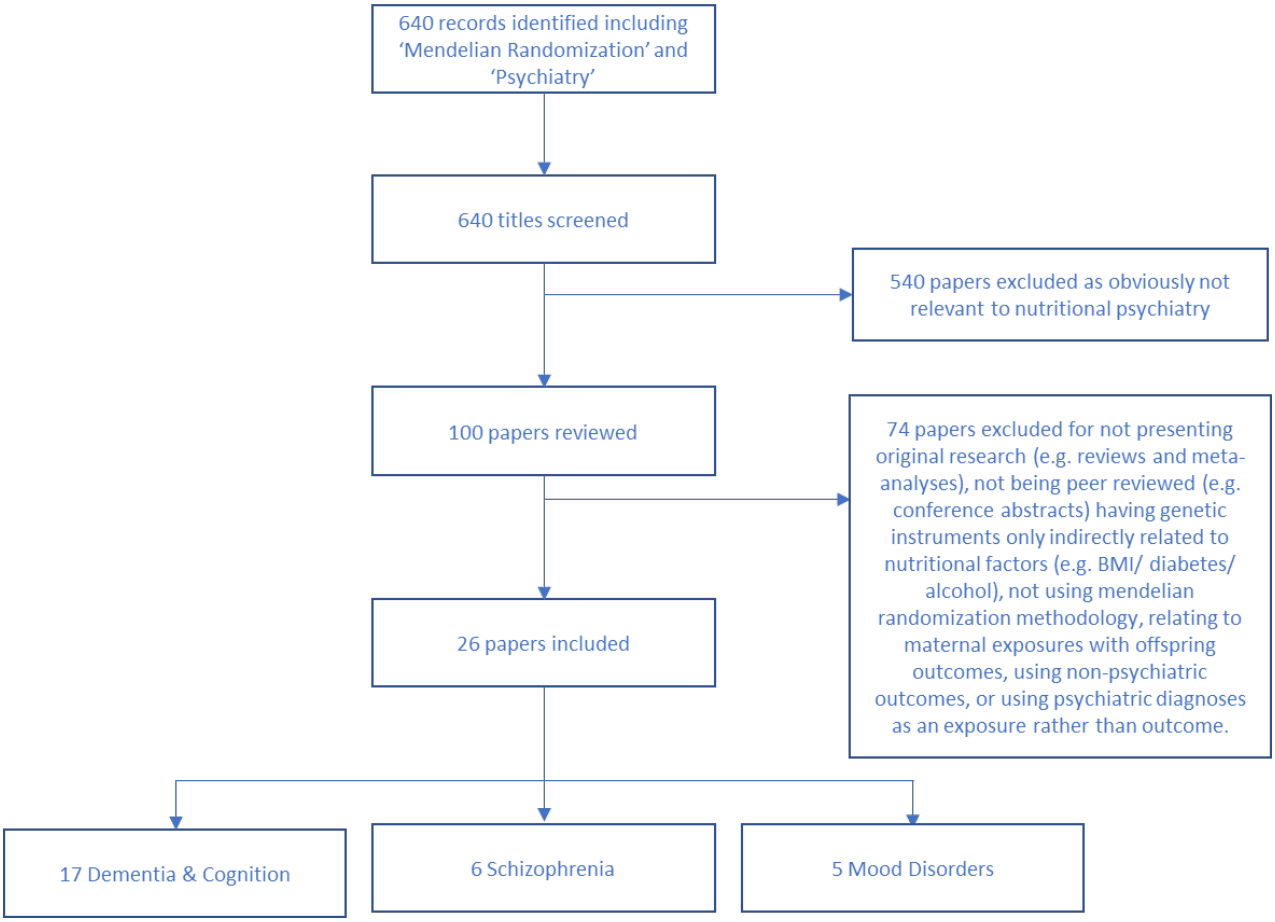
Papers included in this review were identified using the following search strategy (adapted from the Cochrane Mental disorders search strategy at https://cmd·cochrane·org/search-strategies-identification-studies), executed on 5th May 2019. Modified MeSH terms were used for EMBASE/ PsychINFO databases·

1. EATING DISORDERS/ or ANOREXIA NERVOSA/ or BINGE-EATING DISORDER/ or BULIMIA NERVOSA/ or FEMALE ATHLETE TRIAD SYNDROME/ or PICA/
2. HYPERPHAGIA/ or BULIMIA/
3. SELF-INJURIOUS BEHAVIOR/ or SELF MUTILATION/ or SUICIDE/ or SUICIDAL IDEATION/ or SUICIDE, ATTEMPTED/
4. MOOD DISORDERS/ or AFFECTIVE DISORDERS, PSYCHOTIC/ or BIPOLAR DISORDER/ or CYCLOTHYMIC DISORDER/ or DEPRESSIVE DISORDER/ or DEPRESSION, POSTPARTUM/ or DEPRESSIVE DISORDER, MAJOR/ or DEPRESSIVE DISORDER, TREATMENT-RESISTANT/ or DYSTHYMIC DISORDER/ or SEASONAL AFFECTIVE DISORDER/
5. NEUROTIC DISORDERS/
6. DEPRESSION/
7. ADJUSTMENT DISORDERS/
8. exp ANTIDEPRESSIVE AGENTS/
9. ANXIETY DISORDERS/ or AGORAPHOBIA/ or NEUROCIRCULATORY ASTHENIA/ or OBSESSIVE-COMPULSIVE DISORDER/ or OBSESSIVE HOARDING/ or PANIC DISORDER/ or PHOBIC DISORDERS/ or STRESS DISORDERS, TRAUMATIC/ or COMBAT DISORDERS/ or STRESS DISORDERS, POST-TRAUMATIC/ or STRESS DISORDERS, TRAUMATIC, ACUTE/
10. ANXIETY/ or ANXIETY, CASTRATION/ or KORO/
11. ANXIETY, SEPARATION/
12. PANIC/
13. exp ANTI-ANXIETY AGENTS/
14. SOMATOFORM DISORDERS/ or BODY DYSMORPHIC DISORDERS/ or CONVERSION DISORDER/ or HYPOCHONDRIASIS/ or NEURASTHENIA/
15. HYSTERIA/
16. MUNCHAUSEN SYNDROME BY PROXY/ or MUNCHAUSEN SYNDROME/
17. FATIGUE SYNDROME, CHRONIC/
18. OBSESSIVE BEHAVIOR/
19. COMPULSIVE BEHAVIOR/ or BEHAVIOR, ADDICTIVE/
20. IMPULSE CONTROL DISORDERS/ or FIRESETTING BEHAVIOR/ or GAMBLING/ or TRICHOTILLOMANIA/
21. STRESS, PSYCHOLOGICAL/ or BURNOUT, PROFESSIONAL/
22. SEXUAL DYSFUNCTIONS, PSYCHOLOGICAL/ or VAGINISMUS/
23. ANHEDONIA/
24. AFFECTIVE SYMPTOMS/
25. *MENTAL DISORDERS/
26. (eating disorder* or anorexia nervosa or bulimi* or binge eat* or (self adj (injur* or mutilat*)) or suicide* or suicidal or parasuicid* or mood disorder* or affective disorder* or bipolar i or bipolar ii or (bipolar and (affective or disorder*)) or mania or manic or cyclothymic* or depression or depressive or dysthymi* or neurotic or neurosis or adjustment disorder* or antidepress* or anxiety disorder* or agoraphobia or obsess* or compulsi* or panic or phobi* or ptsd or posttrauma* or post trauma* or combat or

somatoform or somati#ation or medical* unexplained or body dysmorphi* or conversion disorder or hypochondria* or neurastheni* or hysteria or munchausen or chronic fatigue* or gambling or trichotillomania or vaginismus or anhedoni* or affective symptoms or mental disorder* or mental health)·ti·

27. Schizophrenia/ or schizophrenia·mp·
28. depression·mp· or Depression/
29. major depressive disorder·mp· or Depressive Disorder, Major/
30. dementia·mp· or Dementia/ or Frontotemporal Dementia/ or Dementia, Vascular/ or Dementia, Multi-Infarct/
31. autism·mp· or Autistic Disorder/
32. eating disorder·mp· or "Feeding and Eating Disorders"/
33. Borderline Personality Disorder/ or Mental Disorders/ or borderline personality·mp· or Personality Disorders/
34. psychosis·mp· or Psychotic Disorders/
35. exp "psychiatry and psychology (non mesh)"/ or psychiatry/
36. Attention Deficit Disorder with Hyperactivity/ or ADHD.mp./ or "attention deficit and disruptive behavior disorders"/ or child behavior disorders/
37. neurodevelopmental disorder.mp. or Neurodevelopmental Disorders/
38. communication disorders/ or language disorders/ or dyslexia/ or language development disorders/ or speech disorders/ or learning disorders/ or intellectual disability/
39. Developmental Disabilities/ or Motor Skills Disorders/ or motor delay.mp.
40. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36 OR 37 OR 38 OR 39
41. mendelian adj2 random*
42. Mendelian Randomization Analysis/ or mendelian randomization·mp·
43. instrumental adj2 variable
44. 41 OR 42OR 43
45. 40 AND 44

Appendix 2: Flow chart for identification and inclusion of studies· (Numbers for inclusion do not add up to 26 as some studies investigated multiple outcomes·)



Appendix 3: Excluded papers

The following papers were identified in the search strategy as potentially relevant. Reasons for exclusion from the current review is given where appropriate.

	Paper	Justification for exclusion

1	Arafat, S. and C. C. Minica (2018). "Fetal origins of mental disorders? An answer based on Mendelian randomization." Twin Research and Human Genetics **21**(6): 485-494.	Exposure (birth weight)
2	Belbasis, L., et al. (2018). "Risk factors and peripheral biomarkers for schizophrenia spectrum disorders: An umbrella review of meta-analyses." Acta Psychiatrica Scandinavica **137**(2): 88-97.	Review
3	Benn, M., et al. "Low LDL cholesterol, PCSK9 and HMGCR genetic variation, and risk of Alzheimer's disease and Parkinson's disease: Mendelian randomisation study." BMJ **357**: j1648.	Included
4	Benn, M., et al. (2018). "Glucose and risk of Alzheimer's dementia, vascular dementia and unspecified dementia." Circulation. Conference **138**(Supplement 1).	Conference abstract
5	Bjorngaard, J. H., et al. (2015). "Association of body mass index with depression, anxiety and suicide - An instrumental variable analysis of the HUNT study." PLoS ONE **10 (7) (no pagination)**(e0131708).	Exposure (BMI)
6	Bonilla, C., et al. "Maternal and offspring fasting glucose and type 2 diabetes-associated genetic variants and cognitive function at age 8: a Mendelian randomization study in the Avon Longitudinal Study of Parents and Children." BMC Medical Genetics **13**: 90.	Maternal/ Offspring
7	Bonilla, C., et al. "Vitamin B-12 status during pregnancy and child's IQ at age 8: a Mendelian randomization study in the Avon longitudinal study of parents and children." PLoS ONE [Electronic Resource] **7**(12): e51084.	Maternal/ Offspring
8	Byrne, E., et al. (2019). "Investigating Causal Relationships between Major Depressive Disorder and Genetically Correlated Traits Using Mendelian Randomisation." European Neuropsychopharmacology **29 (Supplement 3)**: S791.	Exposure (BMI/ education/ schizophrenia/ coronary heart disease)
9	Byrne, E. M., et al. "Inference in Psychiatry via 2-Sample Mendelian Randomization-From Association to Causal Pathway?" JAMA Psychiatry **74**(12): 1191-1192.	Review
10	Caramaschi, D., et al. "Exploring a causal role of DNA methylation in the relationship between maternal vitamin B12 during pregnancy and child's IQ at age 8, cognitive performance and educational attainment: a two-step Mendelian randomization study." Human Molecular Genetics **26**(15): 3001-3013.	Maternal/ Offspring
11	Chekroud, A. M. (2019). "A Mendelian Randomization Approach for Assessing the Relationship Between Physical Activity and Depression." JAMA Psychiatry **23**: 23.	Exposure (physical activity)
12	Cheng, W. W., et al. (2019). "Mineral Nutrition and the Risk of Chronic Diseases: A Mendelian Randomization Study." Nutrients **11**(2): 12.	Included
13	Choi, K. W., et al. (2019). "Assessment of Bidirectional Relationships Between Physical Activity and Depression Among Adults: A 2-Sample Mendelian Randomization Study." JAMA Psychiatry **23**: 23.	Exposure (physical activity)
14	Clarke, T.-K., et al. (2017). "Investigating shared aetiology between type 2 diabetes and major depressive disorder in a population based cohort." American Journal of Medical Genetics Part B: Neuropsychiatric Genetics **174**(3): 227-234.	Exposure (T2DM)
15	Cornelis, M. C. and M. R. Munafo (2018). "Mendelian Randomization Studies of Coffee and Caffeine Consumption." Nutrients **10**(10): 20.	Review and Exposure (caffeine)

16	Cruchaga, C., et al. (2012). "Cerebrospinal fluid APOE levels: An endophenotype for genetic studies for Alzheimer's disease." Human Molecular Genetics **21**(20): 4558-4571.	Exposure (CSF proteins)
17	Fluegge Ba, K. "Zinc and Copper Metabolism and Risk of Autism: a reply to Sayehmiri et al." Iranian Journal of Child Neurology **11**(3): 66-69.	Methods (not MR)
18	Fluegge, K. (2016). "A reply to Wang T, Shan L, Du L, Feng J, Xu Z, Staal WG, Jia F. Serum concentration of 25-hydroxyvitamin D in autism spectrum disorder: a systematic review and meta-analysis. Eur Child Adolesc Psychiatry. 2015; doi: 10.1007/s00787-015-0786-1." European Child and Adolescent Psychiatry **25**(4): 453-454.	Response
19	Fluegge, K. (2017). "Zinc and copper metabolism and risk of autism: A reply to Sayehmiri et al." Iranian Journal of Child Neurology **11**(3): 66-69.	Response
20	Frangou, S., et al. (2019). "Insulin resistance: Genetic associations with depression and cognition in population based cohorts." Experimental Neurology **06**: 06.	Methods (non-MR)
21	Giltay, E. J., et al. (2009). "Serum cholesterol, apolipoprotein E genotype and depressive symptoms in elderly European men: The FINE study." Journal of Affective Disorders **115**(3): 471-477.	Included
22	Grant, W. B. (2017). "Vitamin D and incident dementia and cognitive impairment." American Journal of Clinical Nutrition **106**(2): 699-700.	Response
23	Hamer, M., et al. (2016). "Depressive symptoms and obesity: Instrumental variable analysis using mother-offspring pairs in the 1970 British Cohort Study." International Journal of Obesity **40**(11): 1789-1793.	Exposure (obesity)
24	Hannon, E., et al. (2019). "Pleiotropic Effects of Genetic Variation Associated with Psychiatric Disorders on DNA Methylation." European Neuropsychopharmacology **29 (Supplement 3)**: S984-S985.	Exposure (DNA methylation)
25	Harbord, R. M., et al. (2010). "Genetically determined adiposity and reduced risk of common mental disorder. the copenhagen general population study with 53,221 participants." American Journal of Epidemiology **11)**: S52.	Exposure (adiposity)
26	Harbord, R. M., et al. (2011). "Using genetic loci to understand the relationship between adiposity and psychological distress: A Mendelian Randomization study in the Copenhagen General Population Study of 53221 adults." Journal of Internal Medicine **269**(5): 525-537.	Exposure (adiposity)
27	Hartwig, F. P., et al. (2016). "Body mass index and psychiatric disorders: a Mendelian randomization study." Scientific Reports **6**: 32730.	Exposure (BMI)
28	Hu, Q., et al. (2016). "Homocysteine and Alzheimer's disease: Evidence for a causal link from Mendelian randomization." Journal of Alzheimer's Disease **52**(2): 747-756.	Included
29	Hung, C. F., et al. (2014). "Relationship between obesity and the risk of clinically significant depression: Mendelian randomisation study." British Journal of Psychiatry **205**(1): 24-28.	Exposure (obesity)
30	Jiang, L., et al. (2019). "Constrained instruments and their application to Mendelian randomization with pleiotropy." Genetic Epidemiology **12**: 12.	Review
31	Jokela, M., et al. (2012). "Body mass index and depressive symptoms: Instrumental-variables regression with genetic risk score." Genes, Brain & Behavior **11**(8): 942-948.	Exposure (BMI)
32	Jorde, R., et al. (2015). "Vitamin D and cognitive function: The Tromso study." Journal of the Neurological Sciences **355**(1-2): 155-161.	Included

33	Khandaker, G. M., et al. (2019). "Shared mechanisms between coronary heart disease and depression: findings from a large UK general population-based cohort." Molecular Psychiatry **19**: 19.	Included
34	Kinoshita, M. (2015). "One-carbon Metabolism and Schizophrenia. [Japanese]." Seishin shinkeigaku zasshi = Psychiatria et neurologia Japonica **117**(5): 362-368.	Included
35	Kivimaki, M., et al. (2011). "Does obesity really protect against psychological distress? Examining the 'fat-jolly' versus 'fat-sad' hypotheses using Mendelian randomization." Journal of Internal Medicine **269**(5): 519-520.	Exposure (obesity)
36	Kivimaki, M., et al. (2011). "Examining Overweight and Obesity as Risk Factors for Common Mental Disorders Using Fat Mass and Obesity-Associated (FTO) Genotype-Instrumented Analysis." American Journal of Epidemiology **173**(4): 421-429.	Exposure (obesity)
37	Koshy, B., et al. (2010). "Genetic deficiency of plasma lipoprotein-associated phospholipase A <inf>2</inf> (PLA2G7 V297F null mutation) and risk of Alzheimer's disease in Japan." Journal of Alzheimer's Disease **21**(3): 775-780.	Exposure (inflammatory marker)
38	Kubzansky, L. D., et al. (2015). "Revisiting mendelian randomization studies of the effect of body mass index on depression." American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics **168**(2): 108-115.	Exposure (BMI)
39	Kumari, M., et al. "Alcohol consumption and cognitive performance: a Mendelian randomization study." Addiction **109**(9): 1462-1471.	Exposure (alcohol)
40	Kunutsor, S. K., et al. "Genetically elevated gamma-glutamyltransferase and Alzheimer's disease." Experimental Gerontology **106**: 61-66.	Exposure (iver enzymes)
41	Kuzma, E., et al. (2017). "A systematic review of mendelian randomization studies investigating causal associations between risk factors and dementia." Alzheimer's and Dementia **13 (7)**: P1180.	Review
42	Kuzma, E., et al. (2018). "Which Risk Factors Causally Influence Dementia? A Systematic Review of Mendelian Randomization Studies." Journal of Alzheimer's Disease **64**(1): 181-193.	Review
43	Kwok, M. K., et al. "Habitual coffee consumption and risk of type 2 diabetes, ischemic heart disease, depression and Alzheimer's disease: a Mendelian randomization study." Scientific Reports **6**: 36500.	Expoure (coffee/ caffeine)
44	Larsson, S. C., et al. "Modifiable pathways in Alzheimer's disease: Mendelian randomisation analysis." BMJ **359**: j5375.	Included
45	Larsson, S. C., et al. (2018). "Serum Parathyroid Hormone, 25-Hydroxyvitamin D, and Risk of Alzheimer's Disease: A Mendelian Randomization Study." Nutrients **10**(9): 06.	Included
46	Lauritzen, L., et al. "Mendelian randomization shows sex-specific associations between long-chain PUFA-related genotypes and cognitive performance in Danish schoolchildren." American Journal of Clinical Nutrition **106**(1): 88-95.	Outcome (non-psychiatric)
47	Lawlor, D. A., et al. "Using genetic loci to understand the relationship between adiposity and psychological distress: a Mendelian Randomization study in the Copenhagen General Population Study of 53,221 adults." Journal of Internal Medicine **269**(5): 525-537.	Exposure (adiposity)
48	Lehmann, D. J. and M. Cortina-Borja (2019). "Genetic influence of plasma homocysteine on Alzheimer's disease." Neurobiology of Aging **76**: 217-218.	Review
49	Lewis, S. J., et al. "Maternal iron levels early in pregnancy are not associated with offspring IQ score at age 8, findings from a Mendelian	Maternal/ Offspring

	randomization study." European Journal of Clinical Nutrition **68**(4): 496-502.	
50	Li, Z., et al. (2018). "Glucose and Insulin-Related Traits, Type 2 Diabetes and Risk of Schizophrenia: A Mendelian Randomization Study." EBioMedicine **34**: 182-188.	Included
51	Ligthart, S., et al. "Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders." American Journal of Human Genetics **103**(5): 691-706.	Exposure (CRP)
52	Liu, G., et al. (2018). "Circulating vitamin E levels and Alzheimer's disease: A Mendelian randomization study." Neurobiology of Aging **72**: 189.	Included
53	Lund, I. O., et al. (2019). "Is the association between maternal alcohol consumption in pregnancy and pre-school child behavioural and emotional problems causal? Multiple approaches for controlling unmeasured confounding." Addiction **08**: 08.	Maternal/ offsping
54	Mack, S., et al. "Evaluating the Causal Relation of ApoA-IV with Disease-Related Traits - A Bidirectional Two-sample Mendelian Randomization Study." Scientific Reports **7**(1): 8734.	Outcomes (lipids, renal function/ adiposity and diabetes)
55	Maddock, J., et al. (2017). "Vitamin D and cognitive function: A Mendelian randomisation study." Sci Rep **7**(1): 13230.	Included
56	Mejia-Guevara, I., et al. (2013). "The causal effect of obesity on anxiety: genetic iv analyses in the hrs study." American Journal of Epidemiology **11)**: S13.	Exposure (obesity)
57	Michaelsson, K., et al. (2018). "Serum 25-Hydroxyvitamin D Concentrations and Major Depression: A Mendelian Randomization Study." Nutrients **10**(12): 15.	Included
58	Mokry, L. E., et al. (2016). "Genetically decreased Vitamin D and risk of Alzheimer disease." Neurology **87**(24): 2567-2574.	Included
59	Mollehave, L. T., et al. (2017). "Association studies of genetic scores of serum vitamin B12 and folate levels with symptoms of depression and anxiety in two danish population studies." European Journal of Clinical Nutrition **71**(9): 1054-1060.	Included
60	Mukherjee, S., et al. (2015). "Genetically predicted body mass index and Alzheimer's disease-related phenotypes in three large samples: Mendelian randomization analyses." Alzheimer's and Dementia **11**(12): 1439-1451.	Exposure (BMI)
61	Murray, J., et al. (2016). "Moderate alcohol drinking in pregnancy increases risk for children's persistent conduct problems: Causal effects in a Mendelian randomisation study." Journal of Child Psychology and Psychiatry **57**(5): 575-584.	Maternal/ Offspring
62	Nigg, J. T., et al. (2016). "Variation in an iron metabolism gene moderates the association between blood lead levels and attention-deficit/hyperactivity disorder in children." Psychological Science **27**(2): 257-269.	Methods (moderation analysis)
63	Nishi, A., et al. (2014). "Meta-analyses of blood homocysteine levels for gender and genetic association studies of the MTHFR C677T polymorphism in schizophrenia." Schizophrenia Bulletin **40**(5): 1154-1163.	Review
64	Nordestgaard, B. G., et al. (2017). "Low LDL cholesterol, PCSK9 and HMGCR genetic variation, and risk of Alzheimer's disease and Parkinson's disease: Mendelian randomisation study." BMJ (Clinical research ed.) **357**: j1648.	Duplicate of Benn 2017 (included)

65	Nordestgaard, L. T., et al. (2017). "Body mass index and risk of Alzheimer's disease: A mendelian randomization study of 399,536 individuals." Journal of Clinical Endocrinology and Metabolism **102**(7): 2310-2320.	Exposure (BMI)
66	Numata, S., et al. "Evaluation of an association between plasma total homocysteine and schizophrenia by a Mendelian randomization analysis." BMC Medical Genetics **16**: 54.	Included
67	Olsson, E., et al. (2017). "Vitamin D is not associated with incident dementia or cognitive impairment: An 18-y follow-up study in community-living old men." American Journal of Clinical Nutrition **105**(4): 936-943.	Included
68	Olsson, E., et al. (2015). "Vitamin D does not predict dementia or cognitive impairment-a 20 year follow up study in community living old men." Clinical Nutrition **1)**: S15.	Conference abstract
69	Ostergaard, S. D., et al. "Associations between Potentially Modifiable Risk Factors and Alzheimer Disease: A Mendelian Randomization Study." PLoS Medicine / Public Library of Science **12**(6): e1001841; discussion e1001841.	Included
70	Pagoni, P., et al. (2019). "Using Mendelian randomisation to assess causality in observational studies." Evidence Based Mental Health **12**: 12.	Exposure (BMI)
71	Peterson, R., et al. (2019). "Investigation of the Genetic Overlap between Major Depressive Disorder and Body Mass Index in Han Chinese Women." European Neuropsychopharmacology **29 (Supplement 3)**: S976.	Exposure (BMI)
72	Peterson, R. E., et al. (2019). "Evidence of causal effect of major depression on alcohol dependence: findings from the psychiatric genomics consortium." Psychological Medicine: 1-9.	Exposure (alcohol)
73	Polimanti, R., et al. (2018). "Genetically determined schizophrenia is not associated with impaired glucose homeostasis." Schizophrenia Research **195**: 286-289.	Schizophrenia used as exposure
74	Polimanti, R., et al. "Evidence of causal effect of major depression on alcohol dependence: findings from the psychiatric genomics consortium." Psychological Medicine: 1-9.	Exposure (alcohol)
75	Proitsi, P., et al. "Genetic predisposition to increased blood cholesterol and triglyceride lipid levels and risk of Alzheimer disease: a Mendelian randomization analysis." PLoS Medicine / Public Library of Science **11**(9): e1001713.	Included
76	Rasmussen, K. L., et al. (2018). "Plasma apolipoprotein E levels and risk of dementia: A Mendelian randomization study of 106,562 individuals." Alzheimer's & Dementia: The Journal of the Alzheimer's Association **14**(1): 71-80.	Included
77	Reed, Z. E., et al. "Assessing the causal role of adiposity on disordered eating in childhood, adolescence, and adulthood: a Mendelian randomization analysis." American Journal of Clinical Nutrition **106**(3): 764-772.	Exposure (adiposity)
78	Romo, M. L. and C. M. Schooling (2017). "Examining the Causal Role of Leptin in Alzheimer Disease: A Mendelian Randomization Study." Neuroendocrinology **105**(2): 182-188.	Exposure
79	Roostaei, T., et al. (2018). "Genetic influence of plasma homocysteine on Alzheimer's disease." Neurobiology of Aging **62**: e7-e14.	Included
80	Ruseski, J. E., et al. "Sport participation and subjective well-being: instrumental variable results from German survey data." Journal of Physical Activity & Health **11**(2): 396-403.	Exposure/ outcome/ methods

81	Sallis, H., et al. (2014). "Perinatal depression and omega-3 fatty acids: A Mendelian randomisation study." Journal of Affective Disorders **166**: 124-131.	Included
82	Smith, A. D. and H. Refsum (2016). "Homocysteine, B Vitamins, and Cognitive Impairment." Annual Review of Nutrition **36**: 211-239.	Review
83	Smulders, Y. M. and H. J. Blom "The homocysteine controversy." Journal of Inherited Metabolic Disease **34**(1): 93-99.	Review
84	So, H. C., et al. "Exploring shared genetic bases and causal relationships of schizophrenia and bipolar disorder with 28 cardiovascular and metabolic traits." Psychological Medicine: 1-13.	Methods (non-MR)
85	Taylor, A. E., et al. (2016). "Investigating causality in the association between 25(OH)D and schizophrenia." Scientific Reports **6**: 26496.	Included
86	Tomioka, Y., et al. (2018). "Decreased serum pyridoxal levels in schizophrenia: Meta-analysis and Mendelian randomization analysis." Journal of Psychiatry & Neuroscience **43**(3): 194-200.	Included
87	Tyrrell, J., et al. (2018). "Using genetics to understand the causal influence of higher BMI on depression." International Journal of Epidemiology **13**: 13.	Exposure (BMI)
88	Vaez, A., et al. (2018). "Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders." American Journal of Human Genetics **103**(5): 691-706.	Exposure (inflammation)
89	van den Broek, N., et al. "Causal associations between body mass index and mental health: a Mendelian randomisation study." Journal of Epidemiology & Community Health **72**(8): 708-710.	Exposure (BMI)
90	Vaucher, J., et al. "Cannabis use and risk of schizophrenia: a Mendelian randomization study." Molecular Psychiatry **23**(5): 1287-1292.	Exposure (cannabis)
91	Walter, S., et al. (2015). "Do genetic risk scores for body mass index predict risk of phobic anxiety? Evidence for a shared genetic risk factor." Psychological Medicine **45**(1): 181-191.	Exposure (BMI)
92	Walter, S., et al. (2015). "Revisiting Mendelian Randomization studies of the effect of body mass index on depression." American Journal of Medical Genetics Part B: Neuropsychiatric Genetics **168**(2): 108-115.	Exposure (BMI)
93	Walter, S., et al. (2016). "Diabetic phenotypes and late-life dementia risk: A mechanism-specific Mendelian Randomization study." Alzheimer Disease and Associated Disorders **30**(1): 15-20.	Included
94	Walter, S., et al. (2013). "A genetic iv analysis to assess the effect of body mass index on depression in the health and retirement study." American Journal of Epidemiology **11)**: S12.	Exposure (BMI)
95	Wesolowska, K., et al. (2015). "Type-2 diabetes and depressive symptoms: Results of applying a Mendelian randomization in the Cardiovascular Risk in Young Finns Study." Psychotherapy and Psychosomatics **1)**: 77.	Conference abstract
96	Wesolowska, K., et al. (2017). "Fasting glucose and the risk of depressive symptoms: Instrumental-variable regression in the Cardiovascular Risk in Young Finns Study." International Journal of Behavioral Medicine **24**(6): 901-907.	Included
97	Wu, S. P., et al. (2017). "Plasma homocysteine levels and risk of vascular dementia: A Mendelian randomization study." International Journal of Clinical and Experimental Medicine **10**(6): 9142-9151.	Included

98	Xuan, L., et al. (2018). "Type 2 diabetes is causally associated with depression: a Mendelian randomization analysis." Frontiers of medicine **12**(6): 678-687.	Exposure (T2DM)