

Year	Title Thesis	Institute
2020	The Relationship between Task-Induced Sympathetic Reactivity and Cognitive Performance	VU Amsterdam Dept. Biological Psychology
2020	Integrative Analysis of Metabolomic and Brain Volume GWAS data to explore the biological background of Attention Deficit/Hyperactivity Disorder	VU Amsterdam Dept. Biological Psychology
2020	The Relationship between Life Phase-, Cell Type- and Tissue-Specific Transcriptome, and Psychiatric and Neurological Disorders	VU Amsterdam Dept. Biological Psychology
2020	Integrative Multi-Omics Analysis of Epigenomic and Metabolomic data for Attention-Deficit/Hyperactivity Disorder	VU Amsterdam Dept. Biological Psychology
2020	Connecting the Dots: How the Network Approach Reveals the Complex Architecture of Well-being	VU Amsterdam Dept. Biological Psychology
2020	Integrating Aggression, Metabolomics and Neurobiological Measures to Reveal Pleiotropic Patterns	VU Amsterdam Dept. Biological Psychology
2020	Epigenetic prediction of complex traits and environmental exposures	VU Amsterdam Dept. Biological Psychology
2020	Neuroticism in relation to stress perception and employment status	VU Amsterdam Dept. Biological Psychology
2020	Association Between Pain Tolerance and Regular Voluntary Exercise	VU Amsterdam Dept. Biological Psychology
2020	A Polygenic Risk Score to Predict Thrombin Generation Potential in Healthy Individuals	VU Amsterdam Dept. Biological Psychology
2021	Genetic and Environmental Influences on the Association Between Well-being and the Immune System	VU Amsterdam Dept. Biological Psychology
2021	The Influence of Sibling Interaction on the Big Five Personality Traits	VU Amsterdam Dept. Biological Psychology
2021	Understanding the Relationship of Adolescent and Adulthood Personality with Occupational Choice in a Dutch Twin Family Population	VU Amsterdam Dept. Biological Psychology
2021	Examining causality in the association of cross-gender behavior and emotional and behavioral problems in children: A Dutch twin study	VU Amsterdam Dept. Biological Psychology
2021	Externalizing Problems in Adulthood: How Machine Learning Algorithms can guide Clinicians toward early Identification of Children at Risk	VU Amsterdam Dept. Biological Psychology
2021	Does exercise protect against loneliness and depression during the onset of SARS-CoV-2 pandemic? Testing causality after taking genetic pleiotropy into account	VU Amsterdam Dept. Biological Psychology
2021	Blood-based DNA methylation study of lifetime cannabis use	VU Amsterdam Dept. Biological Psychology
2021	Association between anxiety disorders and depression: metabolic profiling, SNP-based heritability and genetic correlation	VU Amsterdam Dept. Biological Psychology
2021	An explorative study of genetic associations between vitamin C, vitamin D and the immune system	VU Amsterdam Dept. Biological Psychology
2021	Inferring Stress Level with Addition Heart Rate from Accelerometry	VU Amsterdam Dept. Biological Psychology

2022	The Creatives' "Strain of Madness": The Genetic and Environmental Influences on Creativity and Borderline Personality Disorder Using a Bivariate Twin Model	VU Amsterdam Dept. Biological Psychology
2022	Genetic association of X chromosome, Y chromosome and mitochondrial DNA to height	VU Amsterdam Dept. Biological Psychology
2022	Investigating Evidence for Gene-Hormone-Brain Pathways Underlying Childhood Aggressive Behaviour	VU Amsterdam Dept. Biological Psychology
2022	Estimates of the Heritability of Aggression with Age, with Sex-Limited Analyses	VU Amsterdam Dept. Biological Psychology
2022	The underlying sources of association between leisure time and the Big Five personality traits	VU Amsterdam Dept. Biological Psychology
2022	An Epigenome-Wide Association Study of Hyperactivity in children	VU Amsterdam Dept. Biological Psychology
2022	The Effects of Bullying on Anxious and Withdrawn Depression in Children	VU Amsterdam Dept. Biological Psychology
2022	ADHD and Educational Achievement: A Causal Relationship? Evidence from a Mendelian Randomization Twin Study	VU Amsterdam Dept. Biological Psychology
2022	Genetic and environmental effects on secondary school tracking: Comparing the CITO test and teacher's advice	VU Amsterdam Dept. Biological Psychology
2022	The association between miscarriages and the different types of twinning	VU Amsterdam Dept. Biological Psychology
2022	Investigating Changing Genetic Influences On Cognitive Ability Over Time – A Polygenic Index-Based Analysis	VU Amsterdam Dept. Biological Psychology
2022	The Relationship between Cardiovascular Stress Reactivity and Exercise Behaviour in an NTR Sample	VU Amsterdam Dept. Biological Psychology
2022	A comparison of univariate and factor-based polygenic risk score prediction	VU Amsterdam Dept. Biological Psychology
2023	An Investigation of the Reliability and Usability of the Finite Mixture Distribution Twin Model	VU Amsterdam Dept. Biological Psychology
2023	Detecting and Dissecting A-C Covariance Using Polygenic Risk Scores in Twins and Parents	VU Amsterdam Dept. Biological Psychology
2023	Epigenome-wide association study of attention-deficit/hyperactivity disorder in children with buccal samples	VU Amsterdam Dept. Biological Psychology
2023	Estimation of The Causal Effect of Obesity on Depression by Means of Instrumental Variable Regression and Two-Sample Mendelian Randomization	VU Amsterdam Dept. Biological Psychology
2023	Genetic and Environmental Overlap between Momentary Well-being and Step Count: a Smartphone-based Ecological Momentary Assessment Study	VU Amsterdam Dept. Biological Psychology
2023	Investigating the relationship between Brain Aging and DNA methylation Aging	VU Amsterdam Dept. Biological Psychology
2023	Multivariate Metabolomics: Analyses of the NTR Nightingale Data Set	VU Amsterdam Dept. Biological Psychology
2023	Polygenic Scores for Dyslexia and Reading Skills: How well do they predict reading and literacy outcomes?	VU Amsterdam Dept. Biological Psychology
2023	The bidirectional causal relationship between the likeability and behavior of physical activity	VU Amsterdam Dept. Biological Psychology
2023	The predictive power of a polygenic score for dyslexia and reading in children's achievement in numeracy and literacy	VU Amsterdam Dept. Biological Psychology

2024	Variation in corpus callosum and amygdala volume with autism: a multivariate longitudinal twin study	VU Amsterdam Dept. Biological Psychology
2024	Comparison of statistical methods for estimation of SNP heritability	VU Amsterdam Dept. Biological Psychology
2024	Polygenic Predictors of Academic Achievement: Predicting Literacy, Numeracy, and Educational Attainment using polygenic scores for dyslexia, reading skills, and educational attainment	VU Amsterdam Dept. Biological Psychology
2024	Wellbeing's Genetic Footprint on the Exposome: An Exposome Wide Association Study	VU Amsterdam Dept. Biological Psychology
2024	The Impact of Cannabis Use on DNAMethylation in Monozygotic Twins Discordant for Cannabis Initiation	VU Amsterdam Dept. Biological Psychology
2024	Examining the interplay of testosterone and cortisol in aggression	VU Amsterdam Dept. Biological Psychology
2024	Analyzing the heritability of physical activity misperception	VU Amsterdam Dept. Biological Psychology
2024	Genetic and Environmental Factors Underlying Substance Use	VU Amsterdam Dept. Biological Psychology
2024	The Genetic Overlap Between Academic Traits: Polygenic Prediction of Outcomes in Literacy, Numeracy, Dyslexia, and Educational Attainment	VU Amsterdam Dept. Biological Psychology
2025	The causal effect of loneliness on resilience: a mendelian randomization direction-of-causation (MR-DOC) study	VU Amsterdam Dept. Biological Psychology
2025	The Role of Meat and Fish Consumption and Genetic Predispositions in Predicting Mental Health Outcomes: Implications for Wellbeing, Depression, and Sleep Quality	VU Amsterdam Dept. Biological Psychology
2025	Impact of ADHD on phone use and wellbeing using momentary data	VU Amsterdam Dept. Biological Psychology
2025	Investigating the heritability and shared genetic factors of behavioral and emotional problems in older adults	VU Amsterdam Dept. Biological Psychology
2025	Multivariate twin modelling to study processes of gene-environment correlation or interaction related to home literacy environment and children's educational achievement	VU Amsterdam Dept. Biological Psychology
2025	Temporal trends in ADHD prevalence and heritability will be investigated among different cohorts in YNTR data from 1986 onwards	VU Amsterdam Dept. Biological Psychology
2025	Investigating the role of gene-environment interplay in autonomic nervous system functioning	VU Amsterdam Dept. Biological Psychology
2025	Investigating a gene-environment interaction of urbanicity on loneliness	VU Amsterdam Dept. Biological Psychology
2025	Exploring underlying connections between loneliness and wellbeing	VU Amsterdam Dept. Biological Psychology
2025	Epigenome-wide association study (EWAS) of blood Alzheimer biomarkers	VU Amsterdam Dept. Biological Psychology
2025	Cross-gender behaviour in twins	VU Amsterdam Dept. Biological Psychology
2025	An investigation of the biological mechanism underlying BMI across the phenotype range	VU Amsterdam Dept. Biological Psychology
2025	Heritability of the occurrence of life events	VU Amsterdam Dept. Biological Psychology
2025	Genetic and environmental contributions to life satisfaction: integrating polygenic scores for thyroid function and twin modelling	VU Amsterdam Dept. Biological Psychology

2025	Predicting addiction outcomes combining the impact of addiction PGI and educational attainment PGI	VU Amsterdam Dept. Biological Psychology
2025	Combined prediction of substance use traits using polygenic (PGS) and poly-environmental (PES) scores	VU Amsterdam Dept. Biological Psychology
2025	Negative life events and epigenetic biomarkers of ageing	VU Amsterdam Dept. Biological Psychology
2025	Association between Autism and Cortical Brain areas using PGS and MRI scans	VU Amsterdam Dept. Biological Psychology
2025	Decrease in wellbeing and reduced sleep quality/quantity due to late-night blue light exposure from mobile devices	VU Amsterdam Dept. Biological Psychology
2025	Multivariate twin model to study processes of gene-environment correlation or interaction related to home literacy environment and children's educational achievement	VU Amsterdam Dept. Biological Psychology
2025	Association between autism the cortical brain measures in a selection of Dutch twins	VU Amsterdam Dept. Biological Psychology