

Klaasjan (KJ) Savage

Research & Data Scientist | Public Opinion Strategist | Photographer | Musician

PROFILE

I work where quantitative research, human behaviour and practical decision-making meet. Behind it all lies my enduring curiosity about human behavior, and the question of how to make it measurable and understandable.

And sometimes I take photos, make music, or take photos of people making music.

EXPERIENCE

Work experience

Data Scientist

VVD 2020-04 present

- Design and lead data-driven voter research and targeting frameworks that translate voter behaviour into actionable campaign decisions.
- Build and maintain the analytical infrastructure underpinning voter research, targeting and campaign strategy, from data pipelines to executive-level insight.

BI Consultant

Adapt Analytics 2019-02 to 2020-03

- Developed an e-Commerce BI Dashboard for an FMCG retailer, integrating Python, Wordpress APIs, Azure infrastructure and a mobile-optimized reporting interface dashboard).
- Co-developed interim staffing platform using Python and Azure, including a CI/CD pipeline.

Researcher

Netherlands Twin Register, dpt. Biological Psychology, VU University Amsterdam 2014-12 to 2018-12

- Investigated the heritability and genetic architecture of psychiatric disorders and related behavioral traits.
- Conducted fundamental quantitative-genetic research using twin and genetic data, including monozygotic twin designs.
- Applied statistical methods to large-scale genetic datasets using R, including regression, factor analysis, PCA and high-performance cluster computing.
- Supervised student practicals in statistical analysis using R and SPSS.
- Contributed to eleven peer-reviewed scientific publications as author or co-author.

BACKGROUND

Education

M.Sc. Neurosciences

Specialization: Medical & Behavioral Genomics · VU University Amsterdam

B.Sc. Computer Science

Specialization: AI · VU University Amsterdam

CREDENTIALS

Certificates & training

2020

Microsoft Defending Democracy Campaign Security-training
voor Nederlandse politieke partijen

2020

DAT248x: Analytics Storytelling for Impact

2019

DAT202.3x: Implementing Predictive Analytics with
Spark in Azure HDInsight

2019

DAT207x: Analyzing and Visualizing Data with Power BI

2018

Databases and SQL for Data Science

2018

Data Analysis with Python

2018

Python for Data Science and AI

2020

Liberalisme I (Haya van Somerenstichting)

2020

DAT249x: Ethics and Law in Data and Analytics

2019

DAT201x: Querying Data with Transact-SQL

2019

DAT101x: Introduction to Data Science

2018

Machine Learning with Python

2018

Data Visualization with Python

2017

Python for Genomic Data Science

TOOLKIT

Skills & methods

AZURE BASH CLUSTER COMPUTING DASHBOARDING / REPORTING DATA ANALYSIS DOCKER GIT HTML/CSS
 LINUX MICROSOFT AZURE SQL SERVER POWER BI PYTHON (PANDAS, NUMPY, SCIKIT-LEARN, SEABORN,
 MATPLOTLIB) QUANTITATIVE RESEARCH LATEX R SCRUM SPSS SQL STATISTICS UNIX / GNU COREUTILS

RESEARCH

Academic publications

2020 FEB Behavior Genetics**Intergenerational transmission of education and ADHD: Effects of parental genotypes**

De Zeeuw & Hottenga, Ouwens, Dolan, Ehli, Davies, Boomsma, Van Bergen

2019 SEP European Journal of Human Genetics**A Characterization of Cis- and Trans-Heritability of RNA-Seq Based Gene Expression**

Ouwens, Jansen, Nivard, Van Dongen, Frieser, Hottenga, et al.

2019 JAN Behavior Genetics**A potential role for the STXBP5-AS1 gene in adult ADHD symptoms**

Arias-Vásquez, Groffen, Spijker, Ouwens, Klein & Vojinovic, et al.

2018 NOV Nature Genetics**Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder**

Demontis, D., Walters, R.K., Martin, J. et al.

2018 JUL Human Mutation**A Characterization of Post-Zygotic Mutations Identified in Monozygotic Twins**

Ouwens, Jansen, Tolhuis, Slagboom, Penninx, Boomsma

2016 OCT Briefings in Bioinformatics**Computational pan-genomics: status, promises and challenges.**

The Computational Pan-Genomics Consortium

2016 AUG Journal of the American Academy of Child and Adolescent Psychiatry (JAACAP)**A Genome-Wide Association Meta-Analysis of Attention-Deficit/Hyperactivity Disorder Symptoms in Population-Based Pediatric Cohorts**

Middeldorp, Hammerschlag & Ouwens, et al.

2015 OCT Psychiatry Research**Population heterogeneity of trait anger and differential associations of trait anger facets with borderline personality features, neuroticism, depression, Attention Deficit Hyperactivity Disorder (ADHD), and alcohol problems**

Lubke, Ouwens, De Moor, Trull, Boomsma

2015 SEP Behavior Genetics**Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium**

Genetics of Personality Consortium

2015 JUL JAMA Psychiatry**Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder.**

Genetics of Personality Consortium

2014 JUL Behavior Genetics**Harmonization of Neuroticism and Extraversion phenotypes across inventories and cohorts in the Genetics of Personality Consortium: an application of Item Response Theory**

Genetics of Personality Consortium