



the 23 and Me Research Team (2019). Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. *Nature Genetics*, 51(2), 237-244.
<https://doi.org/10.1038/s41588-018-0307-5>

Peer reviewed version

Link to published version (if available):
[10.1038/s41588-018-0307-5](https://doi.org/10.1038/s41588-018-0307-5)

[Link to publication record in Explore Bristol Research](#)
PDF-document

This is the author accepted manuscript (AAM). The final published version (version of record) is available online via Springer Nature at <https://www.nature.com/articles/s41588-018-0307-5#article-info>. Please refer to any applicable terms of use of the publisher.

University of Bristol - Explore Bristol Research

General rights

This document is made available in accordance with publisher policies. Please cite only the published version using the reference above. Full terms of use are available:
<http://www.bristol.ac.uk/pure/user-guides/explore-bristol-research/ebr-terms/>

$h^2 = .05$	-.38**	-.71**	-.31**	-.10*	Age of Smoking Initiation (AgeSmk)
-.38**	$h^2 = .08$.33**	.42**	.07*	Cigarettes Per Day (CigDay)
-.71**	.33**	$h^2 = .08$.40**	.34**	Smoking Initiation (SmkInit)
-.31**	.42**	.40**	$h^2 = .05$.11**	Smoking Cessation (SmkCes)
-.10*	.07*	.34**	.11**	$h^2 = .04$	Drinks Per Week (DrnkWk)
.04	-.01	-.03	-.10**	-.02	Height
.22**	-.09*	-.04	-.02	.08*	Age at menarche
.67**	-.40**	-.48**	-.46**	.01	Age of first birth
.55**	-.26**	-.40**	-.51**	.01	Years of Education
-.21	.63*	.16	.43*	-.02	Cotinine
-.32**	.15**	.28**	.12*	.20**	General risk tolerance
-.43**	.09	.60**	.06	.36**	Lifetime cannabis use
-.31*	.20*	.41**	.17*	.17	ADHD
.06	-.04	.01	-.08	-.03	Autism spectrum disorder
.02	.06	.06	-.10*	.04	Bipolar disorder
-.17*	.12*	.19**	.26**	-.06	Major depressive disorder
-.17**	.13**	.20**	.20**	.02	Neuroticism
-.05	.10**	.14**	.06*	.01	Schizophrenia
-.05	-.02	-.06	.08	.13	Alzheimer's
-.03	-.01	-.04	.04	.03	MS
-.02	.02	.02	.01	-.10*	Parkinson's
-.16**	.19**	.12**	.12**	-.08*	BMI
-.20**	.24**	.13**	.17**	-.11**	Obesity class I
.03	-.04	-.08*	.02	.03	Bone density- Femoral neck
.03	.01	-.06	.04	.02	Lumbar spine
.16**	-.17**	-.09**	-.15**	.17**	Cholesterol- HDL
-.06	.07*	.02	.10*	-.03	LDL
-.03	.07*	.03	.08*	-.01	Total
.01	.05	-.08	.16*	-.11	Chronic kidney disease
-.27**	.25**	.19**	.21**	-.01	Coronary artery disease
-.16*	.15*	.07*	.06	-.08*	Diabetes- Type 2
-.13*	.17*	.07*	.11*	-.01	Fasting main effect- Glucose
-.24*	.16*	.09*	.10	-.24**	Insulin
-.17	.22*	.11	.20	-.01	Proinsulin
-.03	.14*	.04	.11*	-.04	Heart rate
.04	.03	.01	-.05	-.06*	Inflammatory bowel disease
.08	-.01	-.03	-.13*	-.06	Ulcerative colitis
-.04	.08	.08	.02	-.07	Primary biliary cirrhosis
.06	.07	.01	.06	-.06	Systemic lupus erythematosus

AgeSmk

CigDay

SmkInit

SmkCes

DrnkWk