

 Wave IV Polygenic Scores – Release 1

Title	Wave IV Polygenic Scores – Release 1
File Name	pgs_ah1.sas7bdat
Case Quantity	9129
Variable Count	52

 PGSCAD - CORONARY ARTERY DISEASE

Type	Numeric (Double)
Description	Coronary Artery Disease

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.059201...	4.2177915...	1.93E-10	0.9998356...

 PGSMI15 - MYOCARDIAL INFARCTION, 2015

Type	Numeric (Double)
Description	Myocardial Infarction (2015)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.061438...	3.9836022...	-1.04E-10	0.9998356...

 PGSPC14 - PLASMA CORTISOL, 2014

Type	Numeric (Double)
Description	Plasma Cortisol (2014)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.519998...	3.9800820...	1.07E-11	0.9998356...

 PGSLDL13 - LOW-DENSITY LIPOPROTEIN CHOLESTEROL

Type	Numeric (Double)
Description	Low-density Lipoprotein (LDL) Cholesterol

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.764390...	3.9745771...	4.1E-10	0.9998356...

 PGSHDL13 - HIGH-DENSITY LIPOPROTEIN CHOLESTEROL

Type	Numeric (Double)
Description	High-density Lipoprotein (HDL) Cholesterol

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.091392...	3.3495550...	-3.98E-10	0.9998356...

### PGSTC13 - TOTAL CHOLESTEROL, 2013

Type	Numeric (Double)
Description	Total Cholesterol (2013)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.192722...	3.4929757...	-9.02E-11	0.9998356...

### PGSTG13 - TRIGLYCERIDES, 2013

Type	Numeric (Double)
Description	Triglycerides (2013)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.519206...	3.6140089...	-9.12E-11	0.9998356...

### PGS2DM12 - TYPE II DIABETES, 2012

Type	Numeric (Double)
Description	Type II Diabetes (2012)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.389286...	4.6810412...	1.8E-10	0.9998356...

### PGS2DM14 - TYPE II DIABETES, 2014

Type	Numeric (Double)
Description	Type II Diabetes (2014)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.887341...	4.5500383...	2.19E-10	0.9998356...

### PGSBMI - BMI

Type	Numeric (Double)
Description	Body Mass Index

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.957963...	3.8186783...	-2.51E-10	0.9998356...

### PGSWC - WAIST CIRCUMFERENCE

Type	Numeric (Double)
Description	Waist Circumference

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.362103...	3.5825603...	5.76E-10	0.9998356...

### PGSWHR - WAIST-TO-HIP RATIO

Type	Numeric (Double)
Description	Waist-to-Hip Ratio

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.771030...	3.8484730...	9.98E-11	0.9998356...

### PGSHGT - HEIGHT

Type	Numeric (Double)
Description	Height

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-5.915433...	4.8762240...	1.1E-10	0.9998356...

### PGSAMA14 - AGE AT MENARCHE, 2014

Type	Numeric (Double)
Description	Age at Menarche (2014)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.691059...	4.2148118...	-2.17E-10	0.9998356...

### PGSAMP15 - AGE AT MENOPAUSE, 2015

Type	Numeric (Double)
Description	Age at Menopause (2015)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.717186...	4.6261925...	2.56E-10	0.9998356...

### PGSNEB16 - NUMBER OF CHILDREN EVER BORN, 2016

Type	Numeric (Double)
Description	Number of Children Ever Born (2016)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.386286...	3.8793029...	-5.11E-10	0.9998356...



Type	Numeric (Double)
Description	Age at First Birth (2016)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.039931...	4.0456585...	1.23E-10	0.9998356...



Type	Numeric (Double)
Description	Ever/Current Smoker (2010)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.635970...	3.5774734...	-6.01E-10	0.9998356...



Type	Numeric (Double)
Description	Number of Cigarettes per day (2010)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.008685...	3.6826267...	-2.31E-10	0.9998356...



Type	Numeric (Double)
Description	Extraversion (2015)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.372200...	4.5500388...	-4.55E-10	0.9998356...



Type	Numeric (Double)
Description	Attention-Deficit/Hyperactivity Disorder (2010)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.814455...	3.8148396...	-6.19E-11	0.9998356...



Type	Numeric (Double)
Description	Attention-Deficit/Hyperactivity Disorder (2017)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.817286...	3.6618971...	1.34E-10	0.9998356...

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Type	Numeric (Double)
Description	Bipolar Disorder (2011)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.247471...	3.5761630...	1.26E-10	0.9998356...

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Type	Numeric (Double)
Description	Major Depressive Disorder (2013)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.165546...	4.0756020...	-2.35E-10	0.9998356...

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Type	Numeric (Double)
Description	Major Depressive Disorder (2018)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.982210...	6.3912768...	2.71E-10	0.9998356...

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Type	Numeric (Double)
Description	Schizophrenia (2011)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.918645...	3.0553839...	3.56E-10	0.9998356...

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Type	Numeric (Double)
Description	Mental Health Cross Disorder

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.165913...	3.5155141...	2.17E-10	0.9998356...

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Type	Numeric (Double)
Description	Alzheimer's Disease

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.039375...	3.4924614...	-4.56E-10	0.9998356...

### PGSEDU16 - EDUCATIONAL ATTAINMENT, 2016

Type	Numeric (Double)
Description	Educational Attainment (2016)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-3.408271...	4.2286148...	-5.85E-11	0.9998356...

### PGSEDU18 - EDUCATIONAL ATTAINMENT, 2018

Type	Numeric (Double)
Description	Educational Attainment (2018)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-4.130973...	3.5505411...	-5.81E-10	0.9998356...

### PC1 - PRINCIPAL COMPONENT, 1ST

Type	Numeric (Double)
Description	Principal Component, 1st

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.778973...	0.6182429...	5.11E-7	0.0210995...

### PC2 - PRINCIPAL COMPONENT, 2ND

Type	Numeric (Double)
Description	Principal Component, 2nd

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.613102...	0.2457209...	1.32E-6	0.0212166...

### PC3 - PRINCIPAL COMPONENT, 3RD

Type	Numeric (Double)
Description	Principal Component, 3rd

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.344704...	0.0780474...	2.16E-6	0.0215845...

 PC4 - PRINCIPAL COMPONENT, 4TH

Type	Numeric (Double)
Description	Principal Component, 4th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.663249...	0.4442949...	-1.23E-6	0.0211041...

 PC5 - PRINCIPAL COMPONENT, 5TH

Type	Numeric (Double)
Description	Principal Component, 5th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.116120...	0.5277040...	1.87E-7	0.0213595...

 PC6 - PRINCIPAL COMPONENT, 6TH

Type	Numeric (Double)
Description	Principal Component, 6th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.790718...	0.4796440...	1.96E-7	0.0210842...

 PC7 - PRINCIPAL COMPONENT, 7TH

Type	Numeric (Double)
Description	Principal Component, 7th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.759150...	0.5633670...	1.19E-6	0.0210790...

 PC8 - PRINCIPAL COMPONENT, 8TH

Type	Numeric (Double)
Description	Principal Component, 8th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.800448...	0.4448249...	-5.22E-7	0.0210942...

 PC9 - PRINCIPAL COMPONENT, 9TH

Type	Numeric (Double)
Description	Principal Component, 9th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.664120...	0.6586970...	1.52E-6	0.0210851...

### PC10 - PRINCIPAL COMPONENT, 10TH

Type	Numeric (Double)
Description	Principal Component, 10th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.705500...	0.5833789...	-9.34E-7	0.0210535...

### PC11 - PRINCIPAL COMPONENT, 11TH

Type	Numeric (Double)
Description	Principal Component, 11th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.582044...	0.5463640...	7.6E-8	0.0213284...

### PC12 - PRINCIPAL COMPONENT, 12TH

Type	Numeric (Double)
Description	Principal Component, 12th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.680577...	0.5065389...	-2.5E-7	0.0210957...

### PC13 - PRINCIPAL COMPONENT, 13TH

Type	Numeric (Double)
Description	Principal Component, 13th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.487601...	0.4032100...	3.26E-7	0.0210756...

### PC14 - PRINCIPAL COMPONENT, 14TH

Type	Numeric (Double)
Description	Principal Component, 14th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.472694...	0.6080309...	-1.54E-7	0.0211559...

### PC15 - PRINCIPAL COMPONENT, 15TH



Type	Numeric (Double)
Description	Principal Component, 15th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.643679...	0.6756340...	-1.11E-6	0.0210993...

### PC16 - PRINCIPAL COMPONENT, 16TH

Type	Numeric (Double)
Description	Principal Component, 16th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.429111...	0.8003349...	5.12E-7	0.0211061...

### PC17 - PRINCIPAL COMPONENT, 17TH

Type	Numeric (Double)
Description	Principal Component, 17th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.458658...	0.4766539...	-4.83E-7	0.0211001...

### PC18 - PRINCIPAL COMPONENT, 18TH

Type	Numeric (Double)
Description	Principal Component, 18th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.444353...	0.6814540...	-1.52E-7	0.0211694...

### PC19 - PRINCIPAL COMPONENT, 19TH

Type	Numeric (Double)
Description	Principal Component, 19th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.403306...	0.5582619...	1.1E-6	0.0211202...

### PC20 - PRINCIPAL COMPONENT, 20TH

Type	Numeric (Double)
Description	Principal Component, 20th

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9129	0	-0.410683...	0.7650820...	2.06E-6	0.0211497...

 ANCESTRY - GENETIC ANCESTRY, EA=0,AA=1,AS=2,HS=3

Type	Code
Measurement Unit	numeric
Description	Genetic Ancestry

			Frequency	% of total	% of valid
Valid	0	European ancestry	5728	62.75%	62.75%
	1	African ancestry	1976	21.65%	21.65%
	2	East Asian ancestry	437	4.79%	4.79%
	3	Hispanic ancestry	988	10.82%	10.82%
Total			9,129	100%	100%

Valid	Invalid	Minimum	Maximum
9129	0	0	3

 AH\_RACE - ADD HEALTH WAVE I CONSTRUCTED RACE

Type	Code
Measurement Unit	numeric
Description	ADD Health Wave I Constructed Race

			Frequency	% of total	% of valid
Valid	1	White	5754	63.04%	63.04%
	2	Black	1940	21.26%	21.26%
	3	Native American	23	0.25%	0.25%
	4	Asian	449	4.92%	4.92%
	5	Hispanic	961	10.53%	10.53%
Total			9,127	100%	100%

Valid	Invalid	Minimum	Maximum
9127	0	1	5