

 Wave IV Polygenic Scores – Release 1**Title**

Wave IV Polygenic Scores – Release 1

**Abstract**

Thirty constructed polygenic scores (PGS) are available for Add Health respondents who provided archival saliva samples for genetic testing at Wave IV. Scores are available for coronary artery disease, myocardial infarction, plasma cortisol, LDL cholesterol, HDL cholesterol, total cholesterol, triglycerides, type II diabetes (2 measures), BMI, waist circumference, waist-to-hip ratio, height, age at menarche, age at menopause, number of children, age at first birth, ever/current smoker, number of cigarettes per day, extraversion, attention deficit disorder (2 measures), bipolar disorder, major depressive disorder (2 measures), schizophrenia, mental health cross disorder, Alzheimer's disease, and educational attainment (2 measures).

Variables: 53

Observations: 9,129

**Variables** Wave IV Polygenic Scores – Release 1

- [PGSCAD - CORONARY ARTERY DISEASE](#)
- [PGSMI15 - MYOCARDIAL INFARCTION, 2015](#)
- [PGSPC14 - PLASMA CORTISOL, 2014](#)
- [PGSLDL13 - LOW-DENSITY LIPOPROTEIN CHOLESTEROL](#)
- [PGSHDL13 - HIGH-DENSITY LIPOPROTEIN CHOLESTEROL](#)
- [PGSTC13 - TOTAL CHOLESTEROL, 2013](#)
- [PGSTG13 - TRIGLYCERIDES, 2013](#)
- [PGS2DM12 - TYPE II DIABETES, 2012](#)
- [PGS2DM14 - TYPE II DIABETES, 2014](#)
- [PGSBMI - BMI](#)
- [PGSWC - WAIST CIRCUMFERENCE](#)
- [PGSWHR - WAIST-TO-HIP RATIO](#)
- [PGSHGT - HEIGHT](#)
- [PGSAMA14 - AGE AT MENARCHE, 2014](#)
- [PGSAMP15 - AGE AT MENOPAUSE, 2015](#)
- [PGSNEB16 - NUMBER OF CHILDREN EVER BORN, 2016](#)
- [PGSAFB16 - AGE AT FIRST BIRTH, 2016](#)
- [PGSSMK10 - EVER/CURRENT SMOKEER, 2010](#)
- [PGSCPD10 - NUMBER OF CIGARETTES PER DAY, 2010](#)
- [PGSEXV15 - EXTRAVERSION, 2015](#)

- PGSADD10 - ATTENTION-DEFICIT/HYPERACT DISORD, 2010
- PGSADD17 - ATTENTION-DEFICIT/HYPERACT DISORD, 2017
- PGSBPR11 - BIPOLAR DISORDER, 2011
- PGSMDD13 - MAJOR DEPRESSIVE DISORDER, 2013
- PGSMDD18 - MAJOR DEPRESSIVE DISORDER, 2018
- PGSSCZ11 - SCHIZOPHRENIA, 2011
- PGSMHX13 - MENTAL HEALTH CROSS DISORDER, 2013
- PGSAD13 - ALZHEIMERS DISEASE, 2013
- PGSEDU16 - EDUCATIONAL ATTAINMENT, 2016
- PGSEDU18 - EDUCATIONAL ATTAINMENT, 2018
- PC1 - PRINCIPAL COMPONENT, 1ST
- PC2 - PRINCIPAL COMPONENT, 2ND
- PC3 - PRINCIPAL COMPONENT, 3RD
- PC4 - PRINCIPAL COMPONENT, 4TH
- PC5 - PRINCIPAL COMPONENT, 5TH
- PC6 - PRINCIPAL COMPONENT, 6TH
- PC7 - PRINCIPAL COMPONENT, 7TH
- PC8 - PRINCIPAL COMPONENT, 8TH
- PC9 - PRINCIPAL COMPONENT, 9TH
- PC10 - PRINCIPAL COMPONENT, 10TH
- PC11 - PRINCIPAL COMPONENT, 11TH
- PC12 - PRINCIPAL COMPONENT, 12TH
- PC13 - PRINCIPAL COMPONENT, 13TH
- PC14 - PRINCIPAL COMPONENT, 14TH
- PC15 - PRINCIPAL COMPONENT, 15TH
- PC16 - PRINCIPAL COMPONENT, 16TH
- PC17 - PRINCIPAL COMPONENT, 17TH
- PC18 - PRINCIPAL COMPONENT, 18TH
- PC19 - PRINCIPAL COMPONENT, 19TH
- PC20 - PRINCIPAL COMPONENT, 20TH
- ANCESTRY - GENETIC ANCESTRY, EA=0,AA=1,AS=2,HS=3
- AH\_RACE - ADD HEALTH WAVE I CONSTRUCTED RACE

 PGSCAD - CORONARY ARTERY DISEASE

Type	Numeric (Double)
Description	Coronary Artery Disease

 PGSMI15 - MYOCARDIAL INFARCTION, 2015

Type	Numeric (Double)
Description	Myocardial Infarction (2015)

 PGSPC14 - PLASMA CORTISOL, 2014

Type	Numeric (Double)
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Description	Plasma Cortisol (2014)
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#### PGSLDL13 - LOW-DENSITY LIPOPROTEIN CHOLESTEROL

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

#### PGSHDL13 - HIGH-DENSITY LIPOPROTEIN CHOLESTEROL

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

#### PGSTC13 - TOTAL CHOLESTEROL, 2013

Type	Numeric (Double)
Description	Total Cholesterol (2013)

#### PGSTG13 - TRIGLYCERIDES, 2013

Type	Numeric (Double)
Description	Triglycerides (2013)

#### PGS2DM12 - TYPE II DIABETES, 2012

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

#### PGS2DM14 - TYPE II DIABETES, 2014

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

#### PGSBMI - BMI

Type	Numeric (Double)
Description	Body Mass Index

#### PGSWC - WAIST CIRCUMFERENCE

Type	Numeric (Double)
Description	Waist Circumference

#### PGSWHR - WAIST-TO-HIP RATIO

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

 PGSHGT - HEIGHT

Type	Numeric (Double)
Description	Height

 PGSAMA14 - AGE AT MENARCHE, 2014

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

 PGSAMP15 - AGE AT MENOPAUSE, 2015

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

 PGSNEB16 - NUMBER OF CHILDREN EVER BORN, 2016

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

 PGSAFB16 - AGE AT FIRST BIRTH, 2016

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

 PGSSMK10 - EVER/CURRENT SMOKEER, 2010

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

 PGSCPD10 - NUMBER OF CIGARETTES PER DAY, 2010

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

 PGSEXV15 - EXTRAVERSION, 2015

Type	Numeric (Double)
Description	Extraversion (2015)

 PGSADD10 - ATTENTION-DEFICIT/HYPERACT DISORD, 2010

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

 PGSADD17 - ATTENTION-DEFICIT/HYPERACT DISORD, 2017

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

#### PGSBPR11 - BIPOLAR DISORDER, 2011

Type	Numeric (Double)
Description	Bipolar Disorder (2011)

#### PGSMDD13 - MAJOR DEPRESSIVE DISORDER, 2013

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

#### PGSMDD18 - MAJOR DEPRESSIVE DISORDER, 2018

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

#### PGSSCZ11 - SCHIZOPHRENIA, 2011

Type	Numeric (Double)
Description	Schizophrenia (2011)

#### PGSMHX13 - MENTAL HEALTH CROSS DISORDER, 2013

Type	Numeric (Double)
Description	Mental Health Cross Disorder

#### PGSAD13 - ALZHEIMERS DISEASE, 2013

Type	Numeric (Double)
Description	Alzheimer's Disease

#### PGSEDU16 - EDUCATIONAL ATTAINMENT, 2016

Type	Numeric (Double)
Description	Educational Attainment (2016)

#### PGSEDU18 - EDUCATIONAL ATTAINMENT, 2018

Type	Numeric (Double)
Description	Educational Attainment (2018)

#### PC1 - PRINCIPAL COMPONENT, 1ST

Type	Numeric (Double)
Description	Principal Component, 1st

 PC2 - PRINCIPAL COMPONENT, 2ND

Type	Numeric (Double)
Description	Principal Component, 2nd

 PC3 - PRINCIPAL COMPONENT, 3RD

Type	Numeric (Double)
Description	Principal Component, 3rd

 PC4 - PRINCIPAL COMPONENT, 4TH

Type	Numeric (Double)
Description	Principal Component, 4th

 PC5 - PRINCIPAL COMPONENT, 5TH

Type	Numeric (Double)
Description	Principal Component, 5th

 PC6 - PRINCIPAL COMPONENT, 6TH

Type	Numeric (Double)
Description	Principal Component, 6th

 PC7 - PRINCIPAL COMPONENT, 7TH

Type	Numeric (Double)
Description	Principal Component, 7th

 PC8 - PRINCIPAL COMPONENT, 8TH

Type	Numeric (Double)
Description	Principal Component, 8th

 PC9 - PRINCIPAL COMPONENT, 9TH

Type	Numeric (Double)
Description	Principal Component, 9th

 PC10 - PRINCIPAL COMPONENT, 10TH

Type	Numeric (Double)
Description	Principal Component, 10th

 PC11 - PRINCIPAL COMPONENT, 11TH

Type	Numeric (Double)
Description	Principal Component, 11th

#### PC12 - PRINCIPAL COMPONENT, 12TH

Type	Numeric (Double)
Description	Principal Component, 12th

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Type	Numeric (Double)
Description	Principal Component, 14th

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Type	Numeric (Double)
Description	Principal Component, 15th

#### PC16 - PRINCIPAL COMPONENT, 16TH

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Description	Principal Component, 17th

#### PC18 - PRINCIPAL COMPONENT, 18TH

Type	Numeric (Double)
Description	Principal Component, 18th

#### PC19 - PRINCIPAL COMPONENT, 19TH

Type	Numeric (Double)
Description	Principal Component, 19th

#### PC20 - PRINCIPAL COMPONENT, 20TH

Type	Numeric (Double)
Description	Principal Component, 20th

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

Type	Code
Measurement Unit	numeric
Description	Genetic Ancestry
0	European ancestry
1	African ancestry
2	East Asian ancestry
3	Hispanic ancestry


 AH\_RACE - ADD HEALTH WAVE I CONSTRUCTED RACE

Type	Code
Measurement Unit	numeric
Description	ADD Health Wave I Constructed Race
1	White
2	Black
3	Native American
4	Asian
5	Hispanic

## Logical Products

 Wave IV Polygenic Scores – Release 1

## Data Layouts

 Wave IV Polygenic Scores – Release 1

## Wave IV Polygenic Scores – Release 1

 PGSCAD - CORONARY ARTERY DISEASE

Type	Numeric (Double)
Description	Coronary Artery Disease

 PGSMI15 - MYOCARDIAL INFARCTION, 2015

Type	Numeric (Double)
Description	Myocardial Infarction (2015)

 PGSPC14 - PLASMA CORTISOL, 2014



Type	Numeric (Double)
Description	Plasma Cortisol (2014)

 PGS LDL13 - LOW-DENSITY LIPOPROTEIN CHOLESTEROL

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

 PGS HDL13 - HIGH-DENSITY LIPOPROTEIN CHOLESTEROL

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

 PGS TC13 - TOTAL CHOLESTEROL, 2013

Type	Numeric (Double)
Description	Total Cholesterol (2013)

 PGS TG13 - TRIGLYCERIDES, 2013

Type	Numeric (Double)
Description	Triglycerides (2013)

 PGS DM12 - TYPE II DIABETES, 2012

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

 PGS DM14 - TYPE II DIABETES, 2014

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

 PGS BMI - BMI

Type	Numeric (Double)
Description	Body Mass Index

 PGS WC - WAIST CIRCUMFERENCE

Type	Numeric (Double)
Description	Waist Circumference

 PGS WHR - WAIST-TO-HIP RATIO

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

PGSHGT - HEIGHT	
Type	Numeric (Double)
Description	Height
PGSAMA14 - AGE AT MENARCHE, 2014	
Type	Numeric (Double)
Description	Age at Menarche (2014)
PGSAMP15 - AGE AT MENOPAUSE, 2015	
Type	Numeric (Double)
Description	Age at Menopause (2015)
PGSNEB16 - NUMBER OF CHILDREN EVER BORN, 2016	
Type	Numeric (Double)
Description	Number of Children Ever Born (2016)
PGSAFB16 - AGE AT FIRST BIRTH, 2016	
Type	Numeric (Double)
Description	Age at First Birth (2016)
PGSSMK10 - EVER/CURRENT SMOKEER, 2010	
Type	Numeric (Double)
Description	Ever/Current Smoker (2010)
PGSCPD10 - NUMBER OF CIGARETTES PER DAY, 2010	
Type	Numeric (Double)
Description	Number of Cigarettes per day (2010)
PGSEXV15 - EXTRAVERSION, 2015	
Type	Numeric (Double)
Description	Extraversion (2015)
PGSADD10 - ATTENTION-DEFICIT/HYPERACT DISORD, 2010	
Type	Numeric (Double)
Description	Attention-Deficit/Hyperactivity Disorder (2010)
PGSADD17 - ATTENTION-DEFICIT/HYPERACT DISORD, 2017	
Type	Numeric (Double)

Description	Attention-Deficit/Hyperactivity Disorder (2017)
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 PGSBPR11 - BIPOLAR DISORDER, 2011

Type	Numeric (Double)
Description	Bipolar Disorder (2011)

 PGSMDD13 - MAJOR DEPRESSIVE DISORDER, 2013

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

 PGSMDD18 - MAJOR DEPRESSIVE DISORDER, 2018

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

 PGSSCZ11 - SCHIZOPHRENIA, 2011

Type	Numeric (Double)
Description	Schizophrenia (2011)

 PGSMHX13 - MENTAL HEALTH CROSS DISORDER, 2013

Type	Numeric (Double)
Description	Mental Health Cross Disorder

 PGSAD13 - ALZHEIMERS DISEASE, 2013

Type	Numeric (Double)
Description	Alzheimer's Disease

 PGSEDU16 - EDUCATIONAL ATTAINMENT, 2016

Type	Numeric (Double)
Description	Educational Attainment (2016)

 PGSEDU18 - EDUCATIONAL ATTAINMENT, 2018

Type	Numeric (Double)
Description	Educational Attainment (2018)

 PC1 - PRINCIPAL COMPONENT, 1ST

Type	Numeric (Double)
Description	Principal Component, 1st

 PC2 - PRINCIPAL COMPONENT, 2ND

Type	Numeric (Double)
Description	Principal Component, 2nd

 PC3 - PRINCIPAL COMPONENT, 3RD

Type	Numeric (Double)
Description	Principal Component, 3rd

 PC4 - PRINCIPAL COMPONENT, 4TH

Type	Numeric (Double)
Description	Principal Component, 4th

 PC5 - PRINCIPAL COMPONENT, 5TH

Type	Numeric (Double)
Description	Principal Component, 5th

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Type	Numeric (Double)
Description	Principal Component, 13th

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Type	Numeric (Double)
Description	Principal Component, 14th

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Type	Numeric (Double)
Description	Principal Component, 15th

PC16 - PRINCIPAL COMPONENT, 16TH	
Type	Numeric (Double)
Description	Principal Component, 16th

PC17 - PRINCIPAL COMPONENT, 17TH	
Type	Numeric (Double)
Description	Principal Component, 17th

PC18 - PRINCIPAL COMPONENT, 18TH	
Type	Numeric (Double)
Description	Principal Component, 18th

PC19 - PRINCIPAL COMPONENT, 19TH	
Type	Numeric (Double)
Description	Principal Component, 19th

PC20 - PRINCIPAL COMPONENT, 20TH	
Type	Numeric (Double)
Description	Principal Component, 20th

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

Measurement Unit	numeric	
Description	Genetic Ancestry	
0	European ancestry	
1	African ancestry	
2	East Asian ancestry	
3	Hispanic ancestry	

AH_RACE - ADD HEALTH WAVE I CONSTRUCTED RACE		
Type	Code	
Measurement Unit	numeric	
Description	ADD Health Wave I Constructed Race	
1	White	
2	Black	
3	Native American	
4	Asian	
5	Hispanic	

## Physical Instances

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...



Type	Numeric (Double)
Description	Plasma Cortisol (2014)

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



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...



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...



Type	Numeric (Double)
Description	Total Cholesterol (2013)

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



Type	Numeric (Double)
Description	Triglycerides (2013)

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



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...



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

#### PGSAFB16 - AGE AT FIRST BIRTH, 2016

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...

#### PGSSMK10 - EVER/CURRENT SMOKEER, 2010

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...

#### PGSCPD10 - NUMBER OF CIGARETTES PER DAY, 2010

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...

#### PGSEXV15 - EXTRAVERSION, 2015

Type	Numeric (Double)
Description	Extraversion (2015)

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

#### PGSADD10 - ATTENTION-DEFICIT/HYPERACT DISORD, 2010

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...

#### PGSADD17 - ATTENTION-DEFICIT/HYPERACT DISORD, 2017

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...

#### PGSBPR11 - BIPOLAR DISORDER, 2011

Type	Numeric (Double)
Description	Bipolar Disorder (2011)

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

#### PGSMDD13 - MAJOR DEPRESSIVE DISORDER, 2013

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...

#### PGSMDD18 - MAJOR DEPRESSIVE DISORDER, 2018

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...

#### PGSSCZ11 - SCHIZOPHRENIA, 2011

Type	Numeric (Double)
Description	Schizophrenia (2011)

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

#### PGSMHX13 - MENTAL HEALTH CROSS DISORDER, 2013

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...

#### PGSAD13 - ALZHEIMERS DISEASE, 2013

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)
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Description	Principal Component, 11th
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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...
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#### 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
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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