

 Wave IV Genetic Data**Title**

Wave IV Genetic Data

 Polygenic Index Inventories**Title**

Polygenic Index Inventories

## Abstract

Polygenic scores computed by the SSGAC consortium for anthropometric traits, cognition/education, fertility/sexual development, health/health behaviors, and personality/well being.

Variables: 92

Observations: 5,689

## Variables

 Polygenic Index Inventories

- [PGI01 - PGI\\_ACTIVITY-single](#)
- [PGI02 - PGI\\_ADHD-single](#)
- [PGI03 - PGI\\_ADVENTURE-single](#)
- [PGI04 - PGI\\_AFB-single](#)
- [PGI05 - PGI\\_ASTECZRHI-single](#)
- [PGI06 - PGI\\_ASTHMA-single](#)
- [PGI07 - PGI\\_AUDIT-single](#)
- [PGI08 - PGI\\_BMI-single](#)
- [PGI09 - PGI\\_CANNABIS-single](#)
- [PGI10 - PGI\\_CPD-single](#)
- [PGI11 - PGI\\_CP-single](#)
- [PGI12 - PGI\\_DEP-single](#)
- [PGI13 - PGI\\_DPW-single](#)
- [PGI14 - PGI\\_EA-single](#)
- [PGI15 - PGI\\_EVERSMOKE-single](#)
- [PGI16 - PGI\\_EXTRA-single](#)
- [PGI17 - PGI\\_FAMSAT-single](#)
- [PGI18 - PGI\\_FRIENDSAT-single](#)
- [PGI19 - PGI\\_HAYFEVER-single](#)
- [PGI20 - PGI\\_HEIGHT-single](#)

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- PGI21 - PGI\_HIGHMATH-single
  - PGI22 - PGI\_LEFTOUT-single
  - PGI23 - PGI\_MENARCHE-single
  - PGI24 - PGI\_MIGRAINE-single
  - PGI25 - PGI\_MORNING-single
  - PGI26 - PGI\_NARCIS-single
  - PGI27 - PGI\_NEARSIGHTED-single
  - PGI28 - PGI\_NEBwomen-single
  - PGI29 - PGI\_NEURO-single
  - PGI30 - PGI\_OPEN-single
  - PGI31 - PGI\_READING-single
  - PGI32 - PGI\_RELIGATT-single
  - PGI33 - PGI\_RISK-single
  - PGI34 - PGI\_SELFHEALTH-single
  - PGI35 - PGI\_SELFMATH-single
  - PGI36 - PGI\_SWB-single
  - PGI37 - PGI\_ADHD-multi
  - PGI38 - PGI\_ADVENTURE-multi
  - PGI39 - PGI\_AFB-multi
  - PGI40 - PGI\_ALLERGYCAT-multi
  - PGI41 - PGI\_ALLERGYDUST-multi
  - PGI42 - PGI\_ALLERGYPOLLEN-multi
  - PGI43 - PGI\_ASTECZRHI-multi
  - PGI44 - PGI\_ASTHMA-multi
  - PGI45 - PGI\_AUDIT-multi
  - PGI46 - PGI\_COGEMP-multi
  - PGI47 - PGI\_COPD-multi
  - PGI48 - PGI\_CP-multi
  - PGI49 - PGI\_DELAYDISC-multi
  - PGI50 - PGI\_DEP-multi
  - PGI51 - PGI\_DPW-multi
  - PGI52 - PGI\_EA-multi
  - PGI53 - PGI\_EXTRA-multi
  - PGI54 - PGI\_FAMSAT-multi
  - PGI55 - PGI\_FINSAT-multi
  - PGI56 - PGI\_FRIENDSAT-multi
  - PGI57 - PGI\_HAYFEVER-multi
  - PGI58 - PGI\_HIGHMATH-multi
  - PGI59 - PGI\_LEFTOUT-multi
  - PGI60 - PGI\_LONELY-multi
  - PGI61 - PGI\_MENARCHE-multi
  - PGI62 - PGI\_NEBmen-multi
  - PGI63 - PGI\_NEBwomen-multi
  - PGI64 - PGI\_NEURO-multi

- PGI65 - PGI\_RELIGATT-multi
- PGI66 - PGI\_RISK-multi
- PGI67 - PGI\_SELFHEALTH-multi
- PGI68 - PGI\_SELFMATH-multi
- PGI69 - PGI\_SWB-multi
- PGI70 - PGI\_VOICEDEEP-multi
- PGI71 - PGI\_WORKSAT-multi
- PC1
- PC2
- PC3
- PC4
- PC5
- PC6
- PC7
- PC8
- PC9
- PC10
- PC11
- PC12
- PC13
- PC14
- PC15
- PC16
- PC17
- PC18
- PC19
- PC20

#### PGI01 - PGI\_ACTIVITY-single

Type	Numeric (Double)
Description	Physical activity

#### PGI02 - PGI\_ADHD-single

Type	Numeric (Double)
Description	Attention Deficit Hyperactivity Disorder

#### PGI03 - PGI\_ADVENTURE-single

Type	Numeric (Double)
Description	Adventurousness

#### PGI04 - PGI\_AFB-single

Type	Numeric (Double)
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Description	Age First Birth
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#### PGI05 - PGI\_ASTECZRHI-single

Type	Numeric (Double)
Description	Asthma/Eczema/Rhinitis

#### PGI06 - PGI\_ASTHMA-single

Type	Numeric (Double)
Description	Asthma

#### PGI07 - PGI\_AUDIT-single

Type	Numeric (Double)
Description	Alcohol Misuse

#### PGI08 - PGI\_BMI-single

Type	Numeric (Double)
Description	Body Mass Index

#### PGI09 - PGI\_CANNABIS-single

Type	Numeric (Double)
Description	Cannabis Use

#### PGI10 - PGI\_CPD-single

Type	Numeric (Double)
Description	Cigarettes Per Day

#### PGI11 - PGI\_CP-single

Type	Numeric (Double)
Description	Cognitive Performance

#### PGI12 - PGI\_DEP-single

Type	Numeric (Double)
Description	Depressive Symptoms

#### PGI13 - PGI\_DPW-single

Type	Numeric (Double)
Description	Drinks Per Week

 PGI14 - PGI\_EA-single

Type	Numeric (Double)
Description	Educational Attainment

 PGI15 - PGI\_EVERSMOKE-single

Type	Numeric (Double)
Description	Ever Smoker

 PGI16 - PGI\_EXTRA-single

Type	Numeric (Double)
Description	Extraversion

 PGI17 - PGI\_FAMSAT-single

Type	Numeric (Double)
Description	Life Satisfaction - Family

 PGI18 - PGI\_FRIENDSAT-single

Type	Numeric (Double)
Description	Life Satisfaction - Friend

 PGI19 - PGI\_HAYFEVER-single

Type	Numeric (Double)
Description	Hayfever (Allergic Rhinitis)

 PGI20 - PGI\_HEIGHT-single

Type	Numeric (Double)
Description	Height

 PGI21 - PGI\_HIGHMATH-single

Type	Numeric (Double)
Description	Highest Math

 PGI22 - PGI\_LEFTOUT-single

Type	Numeric (Double)
Description	Left Out of Social Activity

 PGI23 - PGI\_MENARCHE-single

Type	Numeric (Double)
Description	Age First Menses

#### PGI24 - PGI\_MIGRAINE-single

Type	Numeric (Double)
Description	Migraine

#### PGI25 - PGI\_MORNING-single

Type	Numeric (Double)
Description	Morning Person

#### PGI26 - PGI\_NARCIS-single

Type	Numeric (Double)
Description	Narcissism

#### PGI27 - PGI\_NEARSIGHTED-single

Type	Numeric (Double)
Description	Nearsightedness

#### PGI28 - PGI\_NEBwomen-single

Type	Numeric (Double)
Description	Number Ever Born (women)

#### PGI29 - PGI\_NEURO-single

Type	Numeric (Double)
Description	Neuroticism

#### PGI30 - PGI\_OPEN-single

Type	Numeric (Double)
Description	Openness

#### PGI31 - PGI\_READING-single

Type	Numeric (Double)
Description	Childhood Reading

#### PGI32 - PGI\_RELIGATT-single


Type	Numeric (Double)
Description	Religious Attendance

 PGI33 - PGI\_RISK-single

Type	Numeric (Double)
Description	Risk Tolerance

 PGI34 - PGI\_SELFHEALTH-single

Type	Numeric (Double)
Description	Self-Rated Health

 PGI35 - PGI\_SELFMATH-single

Type	Numeric (Double)
Description	Self-Rated Math Ability

 PGI36 - PGI\_SWB-single

Type	Numeric (Double)
Description	Subjective Well-Being

 PGI37 - PGI\_ADHD-multi

Type	Numeric (Double)
Description	Attention Deficit Hyperactivity Disorder

 PGI38 - PGI\_ADVENTURE-multi

Type	Numeric (Double)
Description	Adventurousness

 PGI39 - PGI\_AFB-multi

Type	Numeric (Double)
Description	Age First Birth

 PGI40 - PGI\_ALLERGYCAT-multi

Type	Numeric (Double)
Description	Allergy - Cat

 PGI41 - PGI\_ALLERGYDUST-multi

Type	Numeric (Double)
Description	Allergy - Dust

 PGI42 - PGI\_ALLERGYPOLLEN-multi

Type	Numeric (Double)
Description	Allergy - Pollen

#### PGI43 - PGI\_ASTECZRHI-multi

Type	Numeric (Double)
Description	Asthma/Eczema/Rhinitis

#### PGI44 - PGI\_ASTHMA-multi

Type	Numeric (Double)
Description	Asthma

#### PGI45 - PGI\_AUDIT-multi

Type	Numeric (Double)
Description	Alcohol Misuse

#### PGI46 - PGI\_COGEMP-multi

Type	Numeric (Double)
Description	Cognitive Empathy

#### PGI47 - PGI\_COPD-multi

Type	Numeric (Double)
Description	Chronic Obstructive Pulmonary Disease

#### PGI48 - PGI\_CP-multi

Type	Numeric (Double)
Description	Cognitive Performance

#### PGI49 - PGI\_DELAYDISC-multi

Type	Numeric (Double)
Description	Delay Discounting

#### PGI50 - PGI\_DEP-multi

Type	Numeric (Double)
Description	Depressive Symptoms

#### PGI51 - PGI\_DPW-multi

Type	Numeric (Double)
Description	Drinks per Week



 PGI52 - PGI\_EA-multi

Type	Numeric (Double)
Description	Educational Attainment

 PGI53 - PGI\_EXTRA-multi

Type	Numeric (Double)
Description	Extraversion

 PGI54 - PGI\_FAMSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Family

 PGI55 - PGI\_FINSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Finance

 PGI56 - PGI\_FRIENDSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Friend

 PGI57 - PGI\_HAYFEVER-multi

Type	Numeric (Double)
Description	Hayfever (Allergic Rhinitis)

 PGI58 - PGI\_HIGHMATH-multi

Type	Numeric (Double)
Description	Highest Math

 PGI59 - PGI\_LEFTOUT-multi

Type	Numeric (Double)
Description	Left Out of Social Activity

 PGI60 - PGI\_LONELY-multi

Type	Numeric (Double)
Description	Loneliness

 PGI61 - PGI\_MENARCHE-multi

Type	Numeric (Double)
Description	Age First Menses

#### PGI62 - PGI\_NEBmen-multi

Type	Numeric (Double)
Description	Number Ever Born (men)

#### PGI63 - PGI\_NEBwomen-multi

Type	Numeric (Double)
Description	Number Ever Born (women)

#### PGI64 - PGI\_NEURO-multi

Type	Numeric (Double)
Description	Neuroticism

#### PGI65 - PGI\_RELIGATT-multi

Type	Numeric (Double)
Description	Religious Attendance

#### PGI66 - PGI\_RISK-multi

Type	Numeric (Double)
Description	Risk Tolerance

#### PGI67 - PGI\_SELFHEALTH-multi

Type	Numeric (Double)
Description	Self-Rated Health

#### PGI68 - PGI\_SELFMATH-multi

Type	Numeric (Double)
Description	Self-Rated Math Ability

#### PGI69 - PGI\_SWB-multi

Type	Numeric (Double)
Description	Subjective Well-Being

#### PGI70 - PGI\_VOICEDEEP-multi

Type	Numeric (Double)
Description	Age Voice Deepened

 PGI71 - PGI\_WORKSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Work

 PC1

Type	Numeric (Double)
Description	Principal Component 1

 PC2

Type	Numeric (Double)
Description	Principal Component 2

 PC3

Type	Numeric (Double)
Description	Principal Component 3

 PC4

Type	Numeric (Double)
Description	Principal Component 4

 PC5

Type	Numeric (Double)
Description	Principal Component 5

 PC6

Type	Numeric (Double)
Description	Principal Component 6

 PC7

Type	Numeric (Double)
Description	Principal Component 7

 PC8

Type	Numeric (Double)
Description	Principal Component 8

 PC9

Type	Numeric (Double)
Description	Principal Component 9

 PC10

Type	Numeric (Double)
Description	Principal Component 10

 PC11

Type	Numeric (Double)
Description	Principal Component 11

 PC12

Type	Numeric (Double)
Description	Principal Component 12

 PC13

Type	Numeric (Double)
Description	Principal Component 13

 PC14

Type	Numeric (Double)
Description	Principal Component 14

 PC15

Type	Numeric (Double)
Description	Principal Component 15

 PC16

Type	Numeric (Double)
Description	Principal Component 16

 PC17

Type	Numeric (Double)
Description	Principal Component 17

 PC18

Type	Numeric (Double)
Description	Principal Component 18

 PC19

Type	Numeric (Double)
Description	Principal Component 19

 PC20

Type	Numeric (Double)
Description	Principal Component 20

## Logical Products

 Polygenic Index Inventories

### Data Layouts

 Polygenic Index Inventories

#### Polygenic Index Inventories

 PGI01 - PGI\_ACTIVITY-single

Type	Numeric (Double)
Description	Physical activity

 PGI02 - PGI\_ADHD-single

Type	Numeric (Double)
Description	Attention Deficit Hyperactivity Disorder

 PGI03 - PGI\_ADVENTURE-single

Type	Numeric (Double)
Description	Adventurousness

 PGI04 - PGI\_AFB-single

Type	Numeric (Double)
Description	Age First Birth

 PGI05 - PGI\_ASTEZRHI-single

Type	Numeric (Double)
Description	Asthma/Eczema/Rhinitis

 PGI06 - PGI\_ASTHMA-single

Type	Numeric (Double)
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Description	Asthma
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 PGI07 - PGI\_AUDIT-single

Type	Numeric (Double)
Description	Alcohol Misuse

 PGI08 - PGI\_BMI-single

Type	Numeric (Double)
Description	Body Mass Index

 PGI09 - PGI\_CANNABIS-single

Type	Numeric (Double)
Description	Cannabis Use

 PGI10 - PGI\_CPD-single

Type	Numeric (Double)
Description	Cigarettes Per Day

 PGI11 - PGI\_CP-single

Type	Numeric (Double)
Description	Cognitive Performance

 PGI12 - PGI\_DEP-single

Type	Numeric (Double)
Description	Depressive Symptoms

 PGI13 - PGI\_DPW-single

Type	Numeric (Double)
Description	Drinks Per Week

 PGI14 - PGI\_EA-single

Type	Numeric (Double)
Description	Educational Attainment

 PGI15 - PGI\_EVERSMOKE-single

Type	Numeric (Double)
Description	Ever Smoker

 PGI16 - PGI\_EXTRA-single

Type	Numeric (Double)
Description	Extraversion

 PGI17 - PGI\_FAMSAT-single

Type	Numeric (Double)
Description	Life Satisfaction - Family

 PGI18 - PGI\_FRIENDSAT-single

Type	Numeric (Double)
Description	Life Satisfaction - Friend

 PGI19 - PGI\_HAYFEVER-single

Type	Numeric (Double)
Description	Hayfever (Allergic Rhinitis)

 PGI20 - PGI\_HEIGHT-single

Type	Numeric (Double)
Description	Height

 PGI21 - PGI\_HIGHMATH-single

Type	Numeric (Double)
Description	Highest Math

 PGI22 - PGI\_LEFTOUT-single

Type	Numeric (Double)
Description	Left Out of Social Activity

 PGI23 - PGI\_MENARCHE-single

Type	Numeric (Double)
Description	Age First Menses

 PGI24 - PGI\_MIGRAINE-single

Type	Numeric (Double)
Description	Migraine

 PGI25 - PGI\_MORNING-single

Type	Numeric (Double)
Description	Morning Person

PGI26 - PGI_NARCIS-single	
Type	Numeric (Double)
Description	Narcissism

PGI27 - PGI_NEARSIGHTED-single	
Type	Numeric (Double)
Description	Nearsightedness

PGI28 - PGI_NEBwomen-single	
Type	Numeric (Double)
Description	Number Ever Born (women)

PGI29 - PGI_NEURO-single	
Type	Numeric (Double)
Description	Neuroticism

PGI30 - PGI_OPEN-single	
Type	Numeric (Double)
Description	Openness

PGI31 - PGI_READING-single	
Type	Numeric (Double)
Description	Childhood Reading

PGI32 - PGI_RELIGATT-single	
Type	Numeric (Double)
Description	Religious Attendance

PGI33 - PGI_RISK-single	
Type	Numeric (Double)
Description	Risk Tolerance

PGI34 - PGI_SELFHEALTH-single	
Type	Numeric (Double)
Description	Self-Rated Health

PGI35 - PGI_SELFMATH-single	
Type	Numeric (Double)



Description	Self-Rated Math Ability
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 PGI36 - PGI\_SWB-single

Type	Numeric (Double)
Description	Subjective Well-Being

 PGI37 - PGI\_ADHD-multi

Type	Numeric (Double)
Description	Attention Deficit Hyperactivity Disorder

 PGI38 - PGI\_ADVENTURE-multi

Type	Numeric (Double)
Description	Adventurousness

 PGI39 - PGI\_AFB-multi

Type	Numeric (Double)
Description	Age First Birth

 PGI40 - PGI\_ALLERGYCAT-multi

Type	Numeric (Double)
Description	Allergy - Cat

 PGI41 - PGI\_ALLERGYDUST-multi

Type	Numeric (Double)
Description	Allergy - Dust

 PGI42 - PGI\_ALLERGYPOLLEN-multi

Type	Numeric (Double)
Description	Allergy - Pollen

 PGI43 - PGI\_ASTECZRHI-multi

Type	Numeric (Double)
Description	Asthma/Eczema/Rhinitis

 PGI44 - PGI\_ASTHMA-multi

Type	Numeric (Double)
Description	Asthma

 PGI45 - PGI\_AUDIT-multi

Type	Numeric (Double)
Description	Alcohol Misuse

 PGI46 - PGI\_COGEMP-multi

Type	Numeric (Double)
Description	Cognitive Empathy

 PGI47 - PGI\_COPD-multi

Type	Numeric (Double)
Description	Chronic Obstructive Pulmonary Disease

 PGI48 - PGI\_CP-multi

Type	Numeric (Double)
Description	Cognitive Performance

 PGI49 - PGI\_DELAYDISC-multi

Type	Numeric (Double)
Description	Delay Discounting

 PGI50 - PGI\_DEP-multi

Type	Numeric (Double)
Description	Depressive Symptoms

 PGI51 - PGI\_DPW-multi

Type	Numeric (Double)
Description	Drinks per Week

 PGI52 - PGI\_EA-multi

Type	Numeric (Double)
Description	Educational Attainment

 PGI53 - PGI\_EXTRA-multi

Type	Numeric (Double)
Description	Extraversion

 PGI54 - PGI\_FAMSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Family

PGI55 - PGI_FINSAT-multi	
Type	Numeric (Double)
Description	Life Satisfaction - Finance

PGI56 - PGI_FRIENDSAT-multi	
Type	Numeric (Double)
Description	Life Satisfaction - Friend

PGI57 - PGI_HAYFEVER-multi	
Type	Numeric (Double)
Description	Hayfever (Allergic Rhinitis)

PGI58 - PGI_HIGHMATH-multi	
Type	Numeric (Double)
Description	Highest Math

PGI59 - PGI_LEFTOUT-multi	
Type	Numeric (Double)
Description	Left Out of Social Activity

PGI60 - PGI_LONELY-multi	
Type	Numeric (Double)
Description	Loneliness

PGI61 - PGI_MENARCHE-multi	
Type	Numeric (Double)
Description	Age First Menses

PGI62 - PGI_NEBmen-multi	
Type	Numeric (Double)
Description	Number Ever Born (men)

PGI63 - PGI_NEBwomen-multi	
Type	Numeric (Double)
Description	Number Ever Born (women)

PGI64 - PGI_NEURO-multi	
Type	Numeric (Double)

Description	Neuroticism
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 PGI65 - PGI\_RELIGATT-multi

Type	Numeric (Double)
Description	Religious Attendance

 PGI66 - PGI\_RISK-multi

Type	Numeric (Double)
Description	Risk Tolerance

 PGI67 - PGI\_SELFHEALTH-multi

Type	Numeric (Double)
Description	Self-Rated Health

 PGI68 - PGI\_SELFMATH-multi

Type	Numeric (Double)
Description	Self-Rated Math Ability

 PGI69 - PGI\_SWB-multi

Type	Numeric (Double)
Description	Subjective Well-Being

 PGI70 - PGI\_VOICEDEEP-multi

Type	Numeric (Double)
Description	Age Voice Deepened

 PGI71 - PGI\_WORKSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Work

 PC1

Type	Numeric (Double)
Description	Principal Component 1

 PC2

Type	Numeric (Double)
Description	Principal Component 2

 PC3

Type	Numeric (Double)
Description	Principal Component 3

#### PC4

Type	Numeric (Double)
Description	Principal Component 4

#### PC5

Type	Numeric (Double)
Description	Principal Component 5

#### PC6

Type	Numeric (Double)
Description	Principal Component 6

#### PC7

Type	Numeric (Double)
Description	Principal Component 7

#### PC8

Type	Numeric (Double)
Description	Principal Component 8

#### PC9

Type	Numeric (Double)
Description	Principal Component 9

#### PC10

Type	Numeric (Double)
Description	Principal Component 10

#### PC11

Type	Numeric (Double)
Description	Principal Component 11

#### PC12

Type	Numeric (Double)
Description	Principal Component 12

PC13	
Type	Numeric (Double)
Description	Principal Component 13

PC14	
Type	Numeric (Double)
Description	Principal Component 14

PC15	
Type	Numeric (Double)
Description	Principal Component 15

PC16	
Type	Numeric (Double)
Description	Principal Component 16

PC17	
Type	Numeric (Double)
Description	Principal Component 17

PC18	
Type	Numeric (Double)
Description	Principal Component 18

PC19	
Type	Numeric (Double)
Description	Principal Component 19

PC20	
Type	Numeric (Double)
Description	Principal Component 20

## Physical Instances

Polygenic Index Inventories	
Title	Polygenic Index Inventories
File Name	ssgacpgi.sas7bdat
Case Quantity	5689

Variable Count	91
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#### PGI01 - PGI\_ACTIVITY-single

Type	Numeric (Double)
Description	Physical activity

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.95E-7	1.64E-7	-5.81E-8	5.83E-8

#### PGI02 - PGI\_ADHD-single

Type	Numeric (Double)
Description	Attention Deficit Hyperactivity Disorder

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	2.04E-8	2.95E-7	1.59E-7	3.63E-8

#### PGI03 - PGI\_ADVENTURE-single

Type	Numeric (Double)
Description	Adventurousness

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-4.29E-7	2.37E-7	-6.78E-8	8.94E-8

#### PGI04 - PGI\_AFB-single

Type	Numeric (Double)
Description	Age First Birth

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-6.65E-7	3.06E-7	-1.71E-7	1.4E-7

#### PGI05 - PGI\_ASTECZRHI-single

Type	Numeric (Double)
Description	Asthma/Eczema/Rhinitis

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.24E-7	2.46E-7	5.96E-9	6.3E-8

#### PGI06 - PGI\_ASTHMA-single

Type	Numeric (Double)
Description	Asthma

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.57E-7	2.65E-7	4.62E-8	5.91E-8

#### PGI07 - PGI\_AUDIT-single

Type	Numeric (Double)
Description	Alcohol Misuse

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.87E-7	2.25E-7	1.21E-8	5.47E-8

#### PGI08 - PGI\_BMI-single

Type	Numeric (Double)
Description	Body Mass Index

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-4.59E-7	9.43E-7	2.09E-7	1.94E-7

#### PGI09 - PGI\_CANNABIS-single

Type	Numeric (Double)
Description	Cannabis Use

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.46E-7	1.62E-7	7.12E-9	4.81E-8

#### PGI10 - PGI\_CPD-single

Type	Numeric (Double)
Description	Cigarettes Per Day

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.48E-7	3.65E-7	5.21E-8	8.52E-8

#### PGI11 - PGI\_CP-single

Type	Numeric (Double)
Description	Cognitive Performance

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-7.67E-7	2.95E-7	-2.3E-7	1.46E-7

#### PGI12 - PGI\_DEP-single

Type	Numeric (Double)
Description	Depressive Symptoms

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-7.47E-8	4.1E-7	1.57E-7	6.53E-8

#### PGI13 - PGI\_DPW-single

Type	Numeric (Double)
Description	Drinks Per Week



Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.26E-7	1.54E-7	-1.84E-8	5.19E-8

#### PGI14 - PGI\_EA-single

Type	Numeric (Double)
Description	Educational Attainment

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-6.66E-7	2.34E-7	-2.03E-7	1.27E-7

#### PGI15 - PGI\_EVERSMOKE-single

Type	Numeric (Double)
Description	Ever Smoker

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-4.13E-7	3.52E-7	-3.58E-8	1.09E-7

#### PGI16 - PGI\_EXTRA-single

Type	Numeric (Double)
Description	Extraversion

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-4.9E-7	2.2E-7	-1.04E-7	9.18E-8

#### PGI17 - PGI\_FAMSAT-single

Type	Numeric (Double)
Description	Life Satisfaction - Family

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.71E-7	1.7E-7	1.13E-9	4.63E-8

#### PGI18 - PGI\_FRIENDSAT-single

Type	Numeric (Double)
Description	Life Satisfaction - Friend

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.87E-7	1.58E-7	-9.75E-9	4.76E-8

#### PGI19 - PGI\_HAYFEVER-single

Type	Numeric (Double)
Description	Hayfever (Allergic Rhinitis)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.48E-7	2.38E-7	-1.25E-9	6.92E-8

 PGI20 - PGI\_HEIGHT-single

Type	Numeric (Double)
Description	Height

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.9E-6	7.37E-7	-4.33E-7	3.29E-7

 PGI21 - PGI\_HIGHMATH-single

Type	Numeric (Double)
Description	Highest Math

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-6.81E-7	2.97E-7	-1.71E-7	1.33E-7

 PGI22 - PGI\_LEFTOUT-single

Type	Numeric (Double)
Description	Left Out of Social Activity

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.65E-7	2.05E-7	-2.47E-8	6.03E-8

 PGI23 - PGI\_MENARCHE-single

Type	Numeric (Double)
Description	Age First Menses

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.87E-7	7.84E-7	1.54E-7	1.44E-7

 PGI24 - PGI\_MIGRAINE-single

Type	Numeric (Double)
Description	Migraine

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.69E-7	2.25E-7	1.35E-8	5.79E-8

 PGI25 - PGI\_MORNING-single

Type	Numeric (Double)
Description	Morning Person

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-6.55E-7	3.41E-7	-1.91E-7	1.31E-7

 PGI26 - PGI\_NARCIS-single

Type	Numeric (Double)
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Description	Narcissism
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.25E-7	2.28E-7	3.33E-8	4.95E-8

#### PGI27 - PGI\_NEARSIGHTED-single

Type	Numeric (Double)
Description	Nearsightedness

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-5.32E-7	3.55E-7	-8.69E-8	1.34E-7

#### PGI28 - PGI\_NEBwomen-single

Type	Numeric (Double)
Description	Number Ever Born (women)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.27E-7	1.65E-7	-2.95E-8	5.48E-8

#### PGI29 - PGI\_NEURO-single

Type	Numeric (Double)
Description	Neuroticism

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-5.62E-7	3.95E-7	-1.05E-7	1.19E-7

#### PGI30 - PGI\_OPEN-single

Type	Numeric (Double)
Description	Openness

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.36E-7	2.49E-7	-1.62E-8	6.39E-8

#### PGI31 - PGI\_READING-single

Type	Numeric (Double)
Description	Childhood Reading

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.32E-7	2.19E-7	4.39E-8	4.94E-8

#### PGI32 - PGI\_RELIGATT-single

Type	Numeric (Double)
Description	Religious Attendance

Valid	Invalid	Minimum	Maximum	Mean	StdDev

5689	0	-2.18E-7	1.13E-7	-3.65E-8	4.86E-8
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#### PGI33 - PGI\_RISK-single

Type	Numeric (Double)
Description	Risk Tolerance

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.86E-7	8.27E-8	-1.34E-7	6.58E-8

#### PGI34 - PGI\_SELFHEALTH-single

Type	Numeric (Double)
Description	Self-Rated Health

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-5.27E-7	1.32E-7	-2.02E-7	9.96E-8

#### PGI35 - PGI\_SELFMATH-single

Type	Numeric (Double)
Description	Self-Rated Math Ability

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-6.17E-7	4.62E-7	-5.85E-8	1.32E-7

#### PGI36 - PGI\_SWB-single

Type	Numeric (Double)
Description	Subjective Well-Being

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.68E-7	1.51E-7	-8.67E-8	6.79E-8

#### PGI37 - PGI\_ADHD-multi

Type	Numeric (Double)
Description	Attention Deficit Hyperactivity Disorder

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	3.06E-8	4.2E-7	2.16E-7	5.39E-8

#### PGI38 - PGI\_ADVENTURE-multi

Type	Numeric (Double)
Description	Adventurousness

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-4.62E-7	3.37E-7	-7.44E-8	1.11E-7

#### PGI39 - PGI\_AFB-multi

Type	Numeric (Double)
Description	Age First Birth

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.13E-6	1.88E-7	-4.56E-7	1.87E-7

#### PGI40 - PGI\_ALLERGYCAT-multi

Type	Numeric (Double)
Description	Allergy - Cat

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.51E-7	3.61E-7	3.43E-8	8.73E-8

#### PGI41 - PGI\_ALLERGYDUST-multi

Type	Numeric (Double)
Description	Allergy - Dust

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.35E-7	3.39E-7	3.16E-8	7.94E-8

#### PGI42 - PGI\_ALLERGYPOLLEN-multi

Type	Numeric (Double)
Description	Allergy - Pollen

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.81E-7	3.66E-7	2.77E-8	9.11E-8

#### PGI43 - PGI\_ASTECZRHI-multi

Type	Numeric (Double)
Description	Asthma/Eczema/Rhinitis

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.89E-7	2.73E-7	2.84E-8	6.57E-8

#### PGI44 - PGI\_ASTHMA-multi

Type	Numeric (Double)
Description	Asthma

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.93E-7	2.83E-7	4.42E-8	6.71E-8

#### PGI45 - PGI\_AUDIT-multi

Type	Numeric (Double)
Description	Alcohol Misuse

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.19E-7	3.04E-7	-2.32E-8	8.09E-8

#### PGI46 - PGI\_COGEMP-multi

Type	Numeric (Double)
Description	Cognitive Empathy

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.96E-7	1.76E-7	-5.62E-9	4.67E-8

#### PGI47 - PGI\_COPD-multi

Type	Numeric (Double)
Description	Chronic Obstructive Pulmonary Disease

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-4.45E-8	2.86E-7	1.32E-7	4.64E-8

#### PGI48 - PGI\_CP-multi

Type	Numeric (Double)
Description	Cognitive Performance

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-9.76E-7	2.38E-7	-3.46E-7	1.72E-7

#### PGI49 - PGI\_DELAYDISC-multi

Type	Numeric (Double)
Description	Delay Discounting

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.79E-7	4.61E-7	1.36E-7	7.96E-8

#### PGI50 - PGI\_DEP-multi

Type	Numeric (Double)
Description	Depressive Symptoms

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.89E-7	5.06E-7	9.28E-8	9.78E-8

#### PGI51 - PGI\_DPW-multi

Type	Numeric (Double)
Description	Drinks per Week

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.19E-7	1.9E-7	-2.03E-8	5.39E-8

 PGI52 - PGI\_EA-multi

Type	Numeric (Double)
Description	Educational Attainment

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-8.63E-7	2.51E-7	-2.62E-7	1.54E-7

 PGI53 - PGI\_EXTRA-multi

Type	Numeric (Double)
Description	Extraversion

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-4.76E-7	2.44E-7	-1.14E-7	1.07E-7

 PGI54 - PGI\_FAMSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Family

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.37E-7	1.94E-7	-5.99E-8	7.19E-8

 PGI55 - PGI\_FINSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Finance

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-4.18E-7	1.55E-7	-1.08E-7	7.45E-8

 PGI56 - PGI\_FRIENDSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Friend

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.31E-7	2.84E-7	-4.41E-8	8.12E-8

 PGI57 - PGI\_HAYFEVER-multi

Type	Numeric (Double)
Description	Hayfever (Allergic Rhinitis)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.34E-7	3.06E-7	2.08E-8	7.82E-8

 PGI58 - PGI\_HIGHMATH-multi

Type	Numeric (Double)
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Description	Highest Math
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-8.76E-7	4.24E-7	-2.28E-7	1.76E-7

#### PGI59 - PGI\_LEFTOUT-multi

Type	Numeric (Double)
Description	Left Out of Social Activity

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-4.65E-7	2.6E-7	-1.27E-7	9.54E-8

#### PGI60 - PGI\_LONELY-multi

Type	Numeric (Double)
Description	Loneliness

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.45E-7	5.24E-7	1.48E-7	8.34E-8

#### PGI61 - PGI\_MENARCHE-multi

Type	Numeric (Double)
Description	Age First Menses

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.64E-7	8.21E-7	1.77E-7	1.47E-7

#### PGI62 - PGI\_NEBmen-multi

Type	Numeric (Double)
Description	Number Ever Born (men)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-1.99E-7	2.47E-7	6.64E-9	5.73E-8

#### PGI63 - PGI\_NEBwomen-multi

Type	Numeric (Double)
Description	Number Ever Born (women)

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.26E-7	2.96E-7	1.99E-9	6.89E-8

#### PGI64 - PGI\_NEURO-multi

Type	Numeric (Double)
Description	Neuroticism

Valid	Invalid	Minimum	Maximum	Mean	StdDev
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5689	0	-3.43E-7	8.78E-7	2.58E-7	1.66E-7
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#### PGI65 - PGI\_RELIGATT-multi

Type	Numeric (Double)
Description	Religious Attendance

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.67E-7	1.29E-7	-1.06E-7	6.57E-8

#### PGI66 - PGI\_RISK-multi

Type	Numeric (Double)
Description	Risk Tolerance

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.52E-7	1.32E-7	-1.11E-7	6.87E-8

#### PGI67 - PGI\_SELFHEALTH-multi

Type	Numeric (Double)
Description	Self-Rated Health

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-6.13E-7	1.29E-7	-2.14E-7	1.04E-7

#### PGI68 - PGI\_SELFMATH-multi

Type	Numeric (Double)
Description	Self-Rated Math Ability

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-6.01E-7	4.25E-7	-9.1E-8	1.41E-7

#### PGI69 - PGI\_SWB-multi

Type	Numeric (Double)
Description	Subjective Well-Being

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-3.54E-7	2.62E-7	-2.34E-8	8.75E-8

#### PGI70 - PGI\_VOICDEEP-multi

Type	Numeric (Double)
Description	Age Voice Deepened

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.44E-7	3.42E-7	5.18E-8	7.84E-8

#### PGI71 - PGI\_WORKSAT-multi

Type	Numeric (Double)
Description	Life Satisfaction - Work

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-2.42E-7	9.75E-8	-5.61E-8	4.84E-8

 PC1

Type	Numeric (Double)
Description	Principal Component 1

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0207499	0.0995534	-2.8E-10	0.0137543...

 PC2

Type	Numeric (Double)
Description	Principal Component 2

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0328501	0.0826052	8.56E-11	0.0137682...

 PC3

Type	Numeric (Double)
Description	Principal Component 3

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.132493	0.044604	7.04E-10	0.0135651...

 PC4

Type	Numeric (Double)
Description	Principal Component 4

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0437303	0.158581	4.02E-10	0.0136652...

 PC5

Type	Numeric (Double)
Description	Principal Component 5

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.055103	0.0581676	3.47E-10	0.0135465...

 PC6

Type	Numeric (Double)
Description	Principal Component 6

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0534253	0.0520667	5.09E-11	0.0135153...

 PC7

Type	Numeric (Double)
Description	Principal Component 7

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0524707	0.052416	6E-11	0.0135344...

 PC8

Type	Numeric (Double)
Description	Principal Component 8

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0603074	0.0522144	-3.22E-10	0.0135531...

 PC9

Type	Numeric (Double)
Description	Principal Component 9

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0620753	0.0559343	6.27E-11	0.0135088...

 PC10

Type	Numeric (Double)
Description	Principal Component 10

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0597868	0.0601851	2.72E-10	0.0134997...

 PC11

Type	Numeric (Double)
Description	Principal Component 11

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0671864	0.062769	-2.72E-10	0.0135285...

 PC12

Type	Numeric (Double)
Description	Principal Component 12

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.053959	0.0495138	-3.2E-10	0.0135772...

## PC13

Type	Numeric (Double)
Description	Principal Component 13

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0502327	0.0493144	1.6E-10	0.0135239...

## PC14

Type	Numeric (Double)
Description	Principal Component 14

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0509684	0.0641002	2.83E-10	0.0135271...

## PC15

Type	Numeric (Double)
Description	Principal Component 15

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0506012	0.0532817	2.83E-10	0.0135112...

## PC16

Type	Numeric (Double)
Description	Principal Component 16

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0479391	0.053076	2.17E-10	0.0135113...

## PC17

Type	Numeric (Double)
Description	Principal Component 17

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0533532	0.0494584	7.77E-11	0.0135334...

## PC18

Type	Numeric (Double)
Description	Principal Component 18

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0496106	0.0519497	-1.83E-11	0.0135092...

## PC19

Type	Numeric (Double)
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Description	Principal Component 19
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0499021	0.04643	3.32E-10	0.0135775...

### PC20

Type	Numeric (Double)
Description	Principal Component 20

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5689	0	-0.0530433	0.0553829	2.43E-10	0.0135320...

## Wave IV DNA Data

### Title

Wave IV DNA Data

### Abstract

Contains genotyping results for all Wave IV respondents who agreed to provide a saliva sample for DNA testing. This dataset has values for DAT1 (dopamine transporter), DRD4 (dopamine receptor), MAOA (monoamine oxidase A-uVNTR), 5HTTLPR (serotonin transporter), HTTLPR La-Lg-S, triallelic activity bins for the serotonin transporter 5HTTLPR adjusted for rs25531, DRD2, s000005, s000006, DRD5, and MAOCA1

Variables: 30

Observations: 15,701

### Variables

#### Wave IV DNA Data

- [DAT1A - DOPAMINE TRANSPORTER-DAT1-ALLELE A](#)
- [DAT1B - DOPAMINE TRANSPORTER-DAT1-ALLELE B](#)
- [DAT1\\_FLG - DOPAMINE TRANSPORTER-DAT1 FLAG](#)
- [DRD4A - DOPAMINE RECEPTOR-DRD4-ALLELE A](#)
- [DRD4B - DOPAMINE RECEPTOR-DRD4-ALLELE B](#)
- [DRD4\\_FLG - DOPAMINE RECEPTOR-DRD4 FLAG](#)
- [HTTLPRA - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE A](#)
- [HTTLPRB - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE B](#)
- [HTTLPR\\_F - SEROTONIN TRANSPORTER-5HTTLPR FLAG](#)
- [MAOA\\_VA - MONOAMINE OXIDASE A-uVNTR-ALLELE A](#)
- [MAOA\\_VB - MONOAMINE OXIDASE A-uVNTR-ALLELE B](#)
- [MAOA\\_FLG - MONOAMINE OXIDASE A-uVNTR FLAG](#)
- [LALGSA - LaLgS-ALLELE A](#)

- LALGSB - LaLgS-ALLELE B
- TRIA - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-A
- TRIB - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-B
- DRD2A - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE A
- DRD2B - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE B
- DRD2\_FLG - FLAG FOR DRD2
- S000005A - RS4680 - ALLELE A
- S000005B - RS4680 - ALLELE B
- S05\_FLG - FLAG FOR RS4680
- S000006A - RS12945042 - ALLELE A
- S000006B - RS12945042 - ALLELE B
- S06\_FLG - FLAG FOR RS12945042
- DRD5A - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE A
- DRD5B - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE B
- MAOCA1A - MONOAMINE OXIDASE A DINUCLEOTDE-ALLELE A
- MAOCA1B - MONOAMINE OXIDASE A DINUCLEOTDE-ALLELE B

 DAT1A - DOPAMINE TRANSPORTER-DAT1-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine Transporter-DAT1-Allele A
3R	3R
7R	7R
8R	8R
9R	9R
10R	10R
11R	11R

 DAT1B - DOPAMINE TRANSPORTER-DAT1-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine Transporter-DAT1-Allele B
7R	7R
8R	8R
9R	9R
10R	10R
11R	11R
13R	13R

 DAT1\_FLG - DOPAMINE TRANSPORTER-DAT1 FLAG

Type	Code
Measurement Unit	numeric
Description	Dopamine Transporter-DAT1 FLAG
1	Genotype value from Wave III data

 DRD4A - DOPAMINE RECEPTOR-DRD4-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine Receptor-DRD4-Allele A
2R	2R
3.39R	3.39R
3R	3R
4R	4R
5R	5R
6R	6R
7R	7R
8R	8R

 DRD4B - DOPAMINE RECEPTOR-DRD4-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine Receptor-DRD4-Allele B
2R	2R
3R	3R
4R	4R
5R	5R
6R	6R
7R	7R
8R	8R
9R	9R
10R	10R

 DRD4\_FLG - DOPAMINE RECEPTOR-DRD4 FLAG

Type	Code
Measurement Unit	numeric
Description	Dopamine Receptor-DRD4 FLAG
1	Genotype value from Wave III data

 HTTLPA - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE A

Type	Code
Measurement Unit	text
Description	Serotonin Transporter-5HTTLPR-Allele A
14R	14R
16R	16R
18R	18R
20R	20R
22R	22R

 HTTLPB - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE B

Type	Code
Measurement Unit	text
Description	Serotonin Transporter-5HTTLPR-Allele B
14R	14R
16R	16R
17R	17R
18R	18R
19R	19R
20R	20R
22R	22R

 HTTLPR\_F - SEROTONIN TRANSPORTER-5HTTLPR FLAG

Type	Code
Measurement Unit	numeric
Description	Serotonin Transporter-5HTTLPR FLAG
1	Genotype value from Wave III data





Type	Code
Measurement Unit	text
Description	Monoamine Oxidase A-uVNTR-Allele A
2.5R 2.5R	
2R 2R	
3.5R 3.5R	
3R 3R	
4R 4R	
5R 5R	



Type	Code
Measurement Unit	text
Description	Monoamine Oxidase A-uVNTR-Allele B
2R 2R	
3.5R 3.5R	
3R 3R	
4R 4R	
5R 5R	



Type	Code
Measurement Unit	numeric
Description	Monoamine Oxidase A-uVNTR FLAG
1	Genotype value from Wave III data



Type	Code
Measurement Unit	text
Description	LaLgS - Allele A
18R 18R	
20R 20R	
L-A L-A	

L-G	L-G
S	S
S-G	S-G

#### LALGSB - LaLgS-ALLELE B

Type	Code
Measurement Unit	text
Description	LaLgS - Allele B
17R	17R
18R	18R
19R	19R
20R	20R
22R	22R
L-A	L-A
L-G	L-G
S	S

#### TRIA - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-A

Type	Code
Measurement Unit	text
Description	Triallelic Activity Bins in 5HTTLPR-A
L'	L'
S'	S'

#### TRIB - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-B

Type	Code
Measurement Unit	text
Description	Triallelic Activity Bins in 5HTTLPR-B
L'	L'
S'	S'

#### DRD2A - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE A

Type	Code
Measurement Unit	text

Description	Dopamine D2 Receptor-TaqIA (rs1800497)-Allele A	
	A	A
	G	G

#### DRD2B - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE B

Type	Code	
Measurement Unit	text	
Description	Dopamine D2 Receptor-TaqIA (rs1800497)-Allele B	
	A	A
	G	G

#### DRD2\_FLG - FLAG FOR DRD2

Type	Code	
Measurement Unit	numeric	
Description	Flag for DRD2	
	1	genotype value from Wave III data
	2	genotype from 32 Plex
	3	genotype from 144 Plex
	4	genotype from Taqman

#### S000005A - RS4680 - ALLELE A

Type	Code	
Measurement Unit	text	
Description	RS4680 - Allele A	
	A	A
	G	G

#### S000005B - RS4680 - ALLELE B

Type	Code	
Measurement Unit	text	
Description	RS4680 - Allele B	
	A	A
	G	G

#### S05\_FLG - FLAG FOR RS4680

Type	Code
Measurement Unit	numeric
Description	Flag for RS4680
2	genotype from 32 Plex
3	genotype from 144 Plex
4	genotype from Taqman

#### S000006A - RS12945042 - ALLELE A

Type	Code
Measurement Unit	text
Description	RS12945042 - Allele A
C	C
T	T

#### S000006B - RS12945042 - ALLELE B

Type	Code
Measurement Unit	text
Description	RS12945042 - Allele B
C	C
T	T

#### S06\_FLG - FLAG FOR RS12945042

Type	Code
Measurement Unit	numeric
Description	Flag for RS12945042
2	genotype from 32 Plex
3	genotype from 144 Plex

#### DRD5A - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE A

Type	Text
Constraints	Maximum Length: 3
Description	Dopamine D5 Receptor Dinucleotide-Allele A

#### DRD5B - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE B

Type	Text
------	------

Constraints	Maximum Length: 3
Description	Dopamine D5 Receptor Dinucleotide-Allele B

### MAOCA1A - MONOAMINE OXIDASE A DINUCLEOTDE-ALLELE A

Type	Text
Constraints	Maximum Length: 3
Description	Monoamine Oxidase A Dinucleotide - Allele A

### MAOCA1B - MONOAMINE OXIDASE A DINUCLEOTDE-ALLELE B

Type	Text
Constraints	Maximum Length: 3
Description	Monoamine Oxidase A Dinucleotide - Allele B

## Logical Products

### Wave IV DNA Data

## Data Layouts

### Wave IV DNA Data

## Wave IV DNA Data

### DAT1A - DOPAMINE TRANSPORTER-DAT1-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine Transporter-DAT1-Allele A
3R	3R
7R	7R
8R	8R
9R	9R
10R	10R
11R	11R

### DAT1B - DOPAMINE TRANSPORTER-DAT1-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine Transporter-DAT1-Allele B

7R	7R
8R	8R
9R	9R
10R	10R
11R	11R
13R	13R

 DAT1\_FLG - DOPAMINE TRANSPORTER-DAT1 FLAG

Type	Code
Measurement Unit	numeric
Description	Dopamine Transporter-DAT1 FLAG
1	Genotype value from Wave III data

 DRD4A - DOPAMINE RECEPTOR-DRD4-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine Receptor-DRD4-Allele A
2R	2R
3.39R	3.39R
3R	3R
4R	4R
5R	5R
6R	6R
7R	7R
8R	8R

 DRD4B - DOPAMINE RECEPTOR-DRD4-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine Receptor-DRD4-Allele B
2R	2R
3R	3R
4R	4R
5R	5R

6R	6R
7R	7R
8R	8R
9R	9R
10R	10R

 DRD4\_FLG - DOPAMINE RECEPTOR-DRD4 FLAG

Type	Code
Measurement Unit	numeric
Description	Dopamine Receptor-DRD4 FLAG
1	Genotype value from Wave III data

 HTTLPR A - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE A

Type	Code
Measurement Unit	text
Description	Serotonin Transporter-5HTTLPR-Allele A
14R	14R
16R	16R
18R	18R
20R	20R
22R	22R

 HTTLPR B - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE B

Type	Code
Measurement Unit	text
Description	Serotonin Transporter-5HTTLPR-Allele B
14R	14R
16R	16R
17R	17R
18R	18R
19R	19R
20R	20R
22R	22R

 HTTLPR\_F - SEROTONIN TRANSPORTER-5HTTLPR FLAG

Type	Code
Measurement Unit	numeric
Description	Serotonin Transporter-5HTTLPR FLAG
1	Genotype value from Wave III data

 MAOA\_VA - MONOAMINE OXIDASE A-uVNTR-ALLELE A

Type	Code
Measurement Unit	text
Description	Monoamine Oxidase A-uVNTR-Allele A
2.5R	2.5R
2R	2R
3.5R	3.5R
3R	3R
4R	4R
5R	5R

 MAOA\_VB - MONOAMINE OXIDASE A-uVNTR-ALLELE B

Type	Code
Measurement Unit	text
Description	Monoamine Oxidase A-uVNTR-Allele B
2R	2R
3.5R	3.5R
3R	3R
4R	4R
5R	5R

 MAOA\_FLG - MONOAMINE OXIDASE A-uVNTR FLAG

Type	Code
Measurement Unit	numeric
Description	Monoamine Oxidase A-uVNTR FLAG
1	Genotype value from Wave III data

 LALGSA - LaLgS-ALLELE A



Type	Code	
Measurement Unit	text	
Description	LaLgS - Allele A	
18R	18R	
20R	20R	
L-A	L-A	
L-G	L-G	
S	S	
S-G	S-G	

 LALGSB - LaLgS-ALLELE B

Type	Code	
Measurement Unit	text	
Description	LaLgS - Allele B	
17R	17R	
18R	18R	
19R	19R	
20R	20R	
22R	22R	
L-A	L-A	
L-G	L-G	
S	S	

 TRIA - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-A

Type	Code	
Measurement Unit	text	
Description	Triallelic Activity Bins in 5HTTLPR-A	
L'	L'	
S'	S'	

 TRIB - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-B

Type	Code	
Measurement Unit	text	
Description	Triallelic Activity Bins in 5HTTLPR-B	

L'	L'
S'	S'

 DRD2A - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine D2 Receptor-TaqIA (rs1800497)-Allele A
A	A
G	G

 DRD2B - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine D2 Receptor-TaqIA (rs1800497)-Allele B
A	A
G	G

 DRD2\_FLG - FLAG FOR DRD2

Type	Code
Measurement Unit	numeric
Description	Flag for DRD2
1	genotype value from Wave III data
2	genotype from 32 Plex
3	genotype from 144 Plex
4	genotype from Taqman

 S000005A - RS4680 - ALLELE A

Type	Code
Measurement Unit	text
Description	RS4680 - Allele A
A	A
G	G

 S000005B - RS4680 - ALLELE B

Type	Code
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Measurement Unit	text	
Description	RS4680 - Allele B	
	A	A
	G	G

 S05\_FLG - FLAG FOR RS4680

Type	Code	
Measurement Unit	numeric	
Description	Flag for RS4680	
	2	genotype from 32 Plex
	3	genotype from 144 Plex
	4	genotype from Taqman

 S000006A - RS12945042 - ALLELE A

Type	Code	
Measurement Unit	text	
Description	RS12945042 - Allele A	
	C	C
	T	T

 S000006B - RS12945042 - ALLELE B

Type	Code	
Measurement Unit	text	
Description	RS12945042 - Allele B	
	C	C
	T	T

 S06\_FLG - FLAG FOR RS12945042

Type	Code	
Measurement Unit	numeric	
Description	Flag for RS12945042	
	2	genotype from 32 Plex
	3	genotype from 144 Plex

 DRD5A - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE A

Type	Text
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Constraints	Maximum Length: 3
Description	Dopamine D5 Receptor Dinucleotide-Allele A

#### DRD5B - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE B

Type	Text
Constraints	Maximum Length: 3
Description	Dopamine D5 Receptor Dinucleotide-Allele B

#### MAOCA1A - MONOAMINE OXIDASE A DINUCLEOTDE-ALLELE A

Type	Text
Constraints	Maximum Length: 3
Description	Monoamine Oxidase A Dinucleotide - Allele A

#### MAOCA1B - MONOAMINE OXIDASE A DINUCLEOTDE-ALLELE B

Type	Text
Constraints	Maximum Length: 3
Description	Monoamine Oxidase A Dinucleotide - Allele B

## Physical Instances

### Wave IV DNA Data

Title	Wave IV DNA Data
File Name	w4dna.sas7bdat
Case Quantity	15701
Variable Count	29

#### DAT1A - DOPAMINE TRANSPORTER-DAT1-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine Transporter-DAT1-Allele A

			Frequency	% of total	% of valid
Valid	10R	10R	8870	56.49%	59.95%
	11R	11R	4	0.03%	0.03%
	3R	3R	39	0.25%	0.26%
	7R	7R	53	0.34%	0.36%
	8R	8R	181	1.15%	1.22%
	9R	9R	5648	35.97%	38.18%

		Total	14,795	94.23%	100%
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Valid	Invalid
14795	906

### DAT1B - DOPAMINE TRANSPORTER-DAT1-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine Transporter-DAT1-Allele B

			Frequency	% of total	% of valid
Valid	10R	10R	13717	87.36%	92.71%
	11R	11R	224	1.43%	1.51%
	13R	13R	3	0.02%	0.02%
	7R	7R	1	0.01%	0.01%
	8R	8R	11	0.07%	0.07%
	9R	9R	839	5.34%	5.67%
		Total	14,795	94.23%	100%

Valid	Invalid
14795	906

### DAT1\_FLG - DOPAMINE TRANSPORTER-DAT1 FLAG

Type	Code
Measurement Unit	numeric
Description	Dopamine Transporter-DAT1 FLAG

			Frequency
Valid	1	Genotype value from Wave III data	0

Valid	Invalid
0	15587

### DRD4A - DOPAMINE RECEPTOR-DRD4-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine Receptor-DRD4-Allele A

			Frequency	% of total	% of valid
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Valid	2R	2R	2369	15.09%	16%
	3.39R	3.39R	15	0.1%	0.1%
	3R	3R	855	5.45%	5.77%
	4R	4R	10654	67.86%	71.94%
	5R	5R	124	0.79%	0.84%
	6R	6R	62	0.39%	0.42%
	7R	7R	723	4.6%	4.88%
	8R	8R	8	0.05%	0.05%
		Total	14,810	94.33%	100%

Valid	Invalid
14810	891

### DRD4B - DOPAMINE RECEPTOR-DRD4-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine Receptor-DRD4-Allele B

			Frequency	% of total	% of valid
Valid	10R	10R	14	0.09%	0.09%
	2R	2R	172	1.1%	1.16%
	3R	3R	101	0.64%	0.68%
	4R	4R	8307	52.91%	56.09%
	5R	5R	404	2.57%	2.73%
	6R	6R	251	1.6%	1.69%
	7R	7R	5161	32.87%	34.85%
	8R	8R	379	2.41%	2.56%
	9R	9R	21	0.13%	0.14%
		Total	14,810	94.33%	100%

Valid	Invalid
14810	891

### DRD4\_FLG - DOPAMINE RECEPTOR-DRD4 FLAG

Type	Code
Measurement Unit	numeric
Description	Dopamine Receptor-DRD4 FLAG

			Frequency
Valid	1	Genotype value from Wave III data	0

Valid	Invalid
0	15591

 HTTLPR A - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE A

Type	Code
Measurement Unit	text
Description	Serotonin Transporter-5HTTLPR-Allele A

			Frequency	% of total	% of valid
Valid	14R	14R	9733	61.99%	65.07%
	16R	16R	5220	33.25%	34.9%
	18R	18R	2	0.01%	0.01%
	20R	20R	1	0.01%	0.01%
	22R	22R	1	0.01%	0.01%
		Total	14,957	95.26%	100%

Valid	Invalid
14957	744

 HTTLPR B - SEROTONIN TRANSPORTER-5HTTLPR-ALLELE B

Type	Code
Measurement Unit	text
Description	Serotonin Transporter-5HTTLPR-Allele B

			Frequency	% of total	% of valid
Valid	14R	14R	2858	18.2%	19.11%
	16R	16R	11987	76.35%	80.14%
	17R	17R	1	0.01%	0.01%
	18R	18R	15	0.1%	0.1%
	19R	19R	2	0.01%	0.01%
	20R	20R	83	0.53%	0.55%
	22R	22R	11	0.07%	0.07%
		Total	14,957	95.26%	100%

Valid	Invalid
14957	744

 HTTLPR F - SEROTONIN TRANSPORTER-5HTTLPR FLAG

Type	Code
Measurement Unit	numeric
Description	Serotonin Transporter-5HTTLPR FLAG

			Frequency
Valid	1	Genotype value from Wave III data	0

Valid	Invalid
0	15610

### MAOA\_VA - MONOAMINE OXIDASE A-uVNTR-ALLELE A

Type	Code
Measurement Unit	text
Description	Monoamine Oxidase A-uVNTR-Allele A

			Frequency	% of total	% of valid
Valid	2.5R	2.5R	1	0.01%	0.01%
	2R	2R	308	1.96%	2.08%
	3.5R	3.5R	182	1.16%	1.23%
	3R	3R	7491	47.71%	50.55%
	4R	4R	6766	43.09%	45.65%
	5R	5R	72	0.46%	0.49%
		Total	14,820	94.39%	100%

Valid	Invalid
14820	881

### MAOA\_VB - MONOAMINE OXIDASE A-uVNTR-ALLELE B

Type	Code
Measurement Unit	text
Description	Monoamine Oxidase A-uVNTR-Allele B

			Frequency	% of total	% of valid
Valid	2R	2R	5	0.03%	0.06%
	3.5R	3.5R	65	0.41%	0.82%
	3R	3R	1280	8.15%	16.21%
	4R	4R	6391	40.7%	80.94%
	5R	5R	155	0.99%	1.96%
		Total	7,896	50.29%	100%

Valid	Invalid
7896	7805

### MAOA\_FLG - MONOAMINE OXIDASE A-uVNTR FLAG

Type	Code
Measurement Unit	numeric
Description	Monoamine Oxidase A-uVNTR FLAG

		Frequency



Valid	1	Genotype value from Wave III data	0
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Valid	Invalid
0	15594

### LALGSA - LaLgS-ALLELE A

Type	Code
Measurement Unit	text
Description	LaLgS - Allele A

			Frequency	% of total	% of valid
Valid	18R	18R	2	0.01%	0.01%
	20R	20R	1	0.01%	0.01%
	L-A	L-A	4980	31.72%	33.57%
	L-G	L-G	203	1.29%	1.37%
	S	S	9646	61.44%	65.03%
	S-G	S-G	1	0.01%	0.01%
		Total	14,833	94.47%	100%

Valid	Invalid
14833	868

### LALGSB - LaLgS-ALLELE B

Type	Code
Measurement Unit	text
Description	LaLgS - Allele B

			Frequency	% of total	% of valid
Valid	17R	17R	1	0.01%	0.01%
	18R	18R	15	0.1%	0.1%
	19R	19R	2	0.01%	0.01%
	20R	20R	83	0.53%	0.56%
	22R	22R	10	0.06%	0.07%
	L-A	L-A	9080	57.83%	61.21%
	L-G	L-G	2808	17.88%	18.93%
	S	S	2834	18.05%	19.11%
		Total	14,833	94.47%	100%

Valid	Invalid
14833	868

### TRIA - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-A

Type	Code
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Measurement Unit	text
Description	Triallelic Activity Bins in 5HTTLPR-A

			Frequency	% of total	% of valid
Valid	L'	L'	4983	31.74%	33.59%
	S'	S'	9850	62.73%	66.41%
		Total	14,833	94.47%	100%

Valid	Invalid
14833	868

#### TRIB - TRIALLELIC ACTIVITY BINS IN 5HTTLPR-B

Type	Code
Measurement Unit	text
Description	Triallelic Activity Bins in 5HTTLPR-B

			Frequency	% of total	% of valid
Valid	L'	L'	9191	58.54%	61.96%
	S'	S'	5642	35.93%	38.04%
		Total	14,833	94.47%	100%

Valid	Invalid
14833	868

#### DRD2A - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE A

Type	Code
Measurement Unit	text
Description	Dopamine D2 Receptor-TaqIA (rs1800497)-Allele A

			Frequency	% of total	% of valid
Valid	A	A	6653	42.37%	45.3%
	G	G	8034	51.17%	54.7%
		Total	14,687	93.54%	100%

Valid	Invalid
14687	1014

#### DRD2B - DOPAMINE D2 RECEPTOR-TAQIA-ALLELE B

Type	Code
Measurement Unit	text
Description	Dopamine D2 Receptor-TaqIA (rs1800497)-Allele B

			Frequency	% of total	% of valid
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Valid	A	A	1090	6.94%	7.42%
	G	G	13597	86.6%	92.58%
		Total	14,687	93.54%	100%

Valid	Invalid
14687	1014

### DRD2\_FLG - FLAG FOR DRD2

Type	Code
Measurement Unit	numeric
Description	Flag for DRD2

			Frequency	% of total	% of valid
Valid	1	genotype value from Wave III data	141	0.9%	0.94%
	2	genotype from 32 Plex	12092	77.01%	80.31%
	3	genotype from 144 Plex	2186	13.92%	14.52%
	4	genotype from Taqman	637	4.06%	4.23%
		Total	15,056	95.89%	100%
Missing	.	no saliva sample available for DNA testing	558	3.55%	
	5	not genotyped **	87	0.55%	
		Total	645	4.11%	

Valid	Invalid	Minimum	Maximum
15056	645	1	4

### S000005A - RS4680 - ALLELE A

Type	Code
Measurement Unit	text
Description	RS4680 - Allele A

			Frequency	% of total	% of valid
Valid	A	A	9667	61.57%	65.62%
	G	G	4471	28.48%	30.35%
		Total	14,732	93.83%	100%

Valid	Invalid
14732	969

### S000005B - RS4680 - ALLELE B

Type	Code
Measurement Unit	text

Description	RS4680 - Allele B
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			Frequency	% of total	% of valid
Valid	A	A	2898	18.46%	19.67%
	G	G	11240	71.59%	76.3%
		Total	14,732	93.83%	100%

Valid	Invalid
14732	969

#### S05\_FLG - FLAG FOR RS4680

Type	Code
Measurement Unit	numeric
Description	Flag for RS4680

			Frequency	% of total	% of valid
Valid	2	genotype from 32 Plex	12161	77.45%	82.37%
	3	genotype from 144 Plex	2385	15.19%	16.16%
	4	genotype from Taqman	217	1.38%	1.47%
		Total	14,763	94.03%	100%
Missing	.	no saliva sample available for DNA testing	594	3.78%	
	5	not genotyped **	344	2.19%	
		Total	938	5.97%	

Valid	Invalid	Minimum	Maximum
14763	938	2	4

#### S000006A - RS12945042 - ALLELE A

Type	Code
Measurement Unit	text
Description	RS12945042 - Allele A

			Frequency	% of total	% of valid
Valid	C	C	12702	80.9%	88.19%
	T	T	1107	7.05%	7.69%
		Total	14,403	91.73%	100%

Valid	Invalid
14403	1298

#### S000006B - RS12945042 - ALLELE B

Type	Code
------	------

Measurement Unit	text
Description	RS12945042 - Allele B

			Frequency	% of total	% of valid
Valid	C	C	7167	45.65%	49.76%
	T	T	6642	42.3%	46.12%
		Total	14,403	91.73%	100%

Valid	Invalid
14403	1298

### S06\_FLG - FLAG FOR RS12945042

Type	Code
Measurement Unit	numeric
Description	Flag for RS12945042

			Frequency	% of total	% of valid
Valid	2	genotype from 32 Plex	12161	77.45%	83.24%
	3	genotype from 144 Plex	2449	15.6%	16.76%
	Total		14,610	93.05%	100%
Missing	.	no saliva sample available for DNA testing	594	3.78%	
	5	not genotyped **	497	3.17%	
	Total		1,091	6.95%	

Valid	Invalid	Minimum	Maximum
14610	1091	2	3

### DRD5A - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE A

Type	Text
Constraints	Maximum Length: 3
Description	Dopamine D5 Receptor Dinucleotide-Allele A

			Frequency	% of total	% of valid
Missing	0	no result for DRD5 $\square$ allele A	608	3.87%	
		Total	608	3.87%	

Valid	Invalid	Minimum	Maximum
15093	608	124	172

### DRD5B - DOPAMINE D5 RCPTOR DINUCLEOTIDE-ALLELE B

Type	Text
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Constraints	Maximum Length: 3
Description	Dopamine D5 Receptor Dinucleotide-Allele B

			Frequency	% of total	% of valid
Missing	0	no result for DRD5 $\square$ allele B	608	3.87%	
		Total	608	3.87%	

Valid	Invalid	Minimum	Maximum
15093	608	126	174

### MAOCA1A - MONOAMINE OXIDASE A DINUCLEOTDE-ALLELE A

Type	Text
Constraints	Maximum Length: 3
Description	Monoamine Oxidase A Dinucleotide - Allele A

			Frequency	% of total	% of valid
Missing	0	no result for MAOCA1 $\square$ allele A ***	555	3.53%	
		Total	555	3.53%	

Valid	Invalid	Minimum	Maximum
15146	555	101	131

### MAOCA1B - MONOAMINE OXIDASE A DINUCLEOTDE-ALLELE B

Type	Text
Constraints	Maximum Length: 3
Description	Monoamine Oxidase A Dinucleotide - Allele B

			Frequency	% of total	% of valid
Missing	0	no result for MAOCA1 $\square$ allele B ***	7326	46.66%	
		Total	7,326	46.66%	

Valid	Invalid	Minimum	Maximum
8375	7326	103	131

## Wave IV Genetic Risk Score\* – BMI

### Title

Wave IV Genetic Risk Score\* – BMI

## Abstract

This file contains the BMI genetic risk score\* for Add Health twin and full sibling respondents who provided saliva samples at Wave IV.

\*Polygenic Score

Variables: 2

Observations: 1,886

## Variables

 Wave IV Genetic Risk Score\* – BMI

- [GRS\\_BMI - GENETIC RISK SCORE-BMI](#)

 GRS\_BMI - GENETIC RISK SCORE-BMI

Type	Numeric (Double)
Description	Sum of BMI risk alleles for 31 SNPs

## Logical Products

 Wave IV Genetic Risk Score\* – BMI

## Data Layouts

 Wave IV Genetic Risk Score\* – BMI

Wave IV Genetic Risk Score\* – BMI

 GRS\_BMI - GENETIC RISK SCORE-BMI

Type	Numeric (Double)
Description	Sum of BMI risk alleles for 31 SNPs

## Physical Instances

 Wave IV Genetic Risk Score\* – BMI

Title	Wave IV Genetic Risk Score* – BMI
File Name	grs_bmi.sas7bdat
Case Quantity	1886
Variable Count	1

 GRS\_BMI - GENETIC RISK SCORE-BMI

Type	Numeric (Double)
Description	Sum of BMI risk alleles for 31 SNPs

			Frequency	% of total	% of valid
Missing	99	missing	153	8.11%	
		Total	153	8.11%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
1733	153	17	39	27.027697...	3.4523037...

 Wave IV Genetic Risk Score\* – Education
**Title**

Wave IV Genetic Risk Score\* – Education

**Abstract**

An education genetic risk score\* (GRS\_EDU) is available for Add Health twin and full sibling respondents who provided saliva samples at Wave IV. This variable is the weighted sum of risk alleles identified in the Rietveld et al. (2013) genome-wide association study.

\*Polygenic Score

Variables: 3

Observations: 1,886

**Variables**
 Wave IV Genetic Risk Score\* – Education

- [GRS\\_EDU - WGT SUM EDU ASSOCIATED ALLELES, W4](#)

- [AH\\_RACE - RACE-5 CATEGORIES](#)

 GRS\_EDU - WGT SUM EDU ASSOCIATED ALLELES, W4

Type	Numeric (Double)
Description	Weighted sum of education associated alleles, Wave IV

 AH\_RACE - RACE-5 CATEGORIES

Type	Code
------	------



Measurement Unit	Numeric	
Description	5 Categories Constructed Race, Wave I	
1	White	
2	Black	
3	Native American	
4	Asian	
5	Hispanic	

## Logical Products

 Wave IV Genetic Risk Score\* – Education

## Data Layouts

 Wave IV Genetic Risk Score\* – Education

Wave IV Genetic Risk Score\* – Education

 GRS\_EDU - WGT SUM EDU ASSOCIATED ALLELES, W4

Type	Numeric (Double)
Description	Weighted sum of education associated alleles, Wave IV

 AH\_RACE - RACE-5 CATEGORIES

Type	Code
Measurement Unit	Numeric
Description	5 Categories Constructed Race, Wave I
1	White
2	Black
3	Native American
4	Asian
5	Hispanic

## Physical Instances

 Wave IV Genetic Risk Score\* – Education

Title	Wave IV Genetic Risk Score* – Education
File Name	grs_edu.sas7bdat

Case Quantity	1886
Variable Count	2

### GRS\_EDU - WGT SUM EDU ASSOCIATED ALLELES, W4

Type	Numeric (Double)
Description	Weighted sum of education associated alleles, Wave IV

Valid	Invalid	Minimum	Maximum	Mean	StdDev
1886	0	-2.18E-5	2.39E-5	-1.89E-6	7.04E-6

### AH\_RACE - RACE-5 CATEGORIES

Type	Code
Measurement Unit	Numeric
Description	5 Categories Constructed Race, Wave I

			Frequency	% of total	% of valid
Valid	1	White	917	48.67%	48.67%
	2	Black	677	35.93%	35.93%
	3	Native American	8	0.42%	0.42%
	4	Asian	73	3.87%	3.87%
	5	Hispanic	209	11.09%	11.09%
		Total	1,884	100%	100%

Valid	Invalid	Minimum	Maximum
1884	0	1	5

## Wave IV PGS Risk-Tolerance

### Title

Wave IV PGS Risk-Tolerance

### Abstract

Contains polygenic scores for general risk tolerance, adventurousness and risky behaviors in the driving, drinking, smoking and sexual domains. Polygenic scores were created for unrelated, Add Health participants of European Ancestry. Score metrics were generated using Plink, LDpred or MTAG software using the UK Biobank GWAS study.

Variables: 13

Observations: 4,755

## Variables

 Wave IV PGS Risk-Tolerance

- [PGS\\_RISK - PGS\\_RISK\\_PLINK\\_GWAS](#)
- [PGS\\_RIS2 - PGS\\_RISK\\_LDPRED\\_GWAS](#)
- [PGS\\_RIS3 - PGS\\_RISK\\_LDPRED\\_MTAG](#)
- [PC1](#)
- [PC2](#)
- [PC3](#)
- [PC4](#)
- [PC5](#)
- [PC6](#)
- [PC7](#)
- [PC8](#)
- [PC9](#)
- [PC10](#)

 PGS\_RISK - PGS\_RISK\_PLINK\_GWAS

Type	Numeric (Double)
Description	Polygenic score for general risk tolerance, obtained using classic PLINK method and standard GWAS results. Note these are reverse-coded.

 PGS\_RIS2 - PGS\_RISK\_LDPRED\_GWAS

Type	Numeric (Double)
Description	Polygenic score for general risk tolerance, obtained using LDpred method and standard GWAS results

 PGS\_RIS3 - PGS\_RISK\_LDPRED\_MTAG

Type	Numeric (Double)
Description	Polygenic score for general risk tolerance, obtained using LDpred method and results from multivariate analysis of adventurousness, automobile speeding propensity, drinks per week, ever smoker, number of sexual partners, and lifetime cannabis use

 PC1

Type	Numeric (Double)
Description	1st principal component (PC) of the covariance matrix of the individuals' genotypic data

 PC2

Type	Numeric (Double)
Description	2nd principal component (PC) of the covariance matrix of the individuals' genotypic data

### PC3

Type	Numeric (Double)
Description	3rd principal component (PC) of the covariance matrix of the individuals' genotypic data

### PC4

Type	Numeric (Double)
Description	4th principal component (PC) of the covariance matrix of the individuals' genotypic data

### PC5

Type	Numeric (Double)
Description	5th principal component (PC) of the covariance matrix of the individuals' genotypic data

### PC6

Type	Numeric (Double)
Description	6th principal component (PC) of the covariance matrix of the individuals' genotypic data

### PC7

Type	Numeric (Double)
Description	7th principal component (PC) of the covariance matrix of the individuals' genotypic data

### PC8

Type	Numeric (Double)
Description	8th principal component (PC) of the covariance matrix of the individuals' genotypic data

### PC9

Type	Numeric (Double)
Description	9th principal component (PC) of the covariance matrix of the individuals' genotypic data

 PC10

Type	Numeric (Double)
Description	10th principal component (PC) of the covariance matrix of the individuals' genotypic data

## Logical Products

 Wave IV PGS Risk-Tolerance

### Data Layouts

 Wave IV PGS Risk-Tolerance

#### Wave IV PGS Risk-Tolerance

 PGS\_RISK - PGS\_RISK\_PLINK\_GWAS

Type	Numeric (Double)
Description	Polygenic score for general risk tolerance, obtained using classic PLINK method and standard GWAS results. Note these are reverse-coded.

 PGS\_RIS2 - PGS\_RISK\_LDPRED\_GWAS

Type	Numeric (Double)
Description	Polygenic score for general risk tolerance, obtained using LDpred method and standard GWAS results

 PGS\_RIS3 - PGS\_RISK\_LDPRED\_MTAG

Type	Numeric (Double)
Description	Polygenic score for general risk tolerance, obtained using LDpred method and results from multivariate analysis of adventurousness, automobile speeding propensity, drinks per week, ever smoker, number of sexual partners, and lifetime cannabis use

 PC1

Type	Numeric (Double)
Description	1st principal component (PC) of the covariance matrix of the individuals' genotypic data

 PC2

Type	Numeric (Double)
Description	2nd principal component (PC) of the covariance matrix of the individuals' genotypic data

PC3	
Type	Numeric (Double)
Description	3rd principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

PC4	
Type	Numeric (Double)
Description	4th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

PC5	
Type	Numeric (Double)
Description	5th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

PC6	
Type	Numeric (Double)
Description	6th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

PC7	
Type	Numeric (Double)
Description	7th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

PC8	
Type	Numeric (Double)
Description	8th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

PC9	
Type	Numeric (Double)
Description	9th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

PC10	
Type	Numeric (Double)
Description	10th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

## Physical Instances

 Wave IV PGS Risk-Tolerance

Title	Wave IV PGS Risk-Tolerance
File Name	riskpgs.sas7bdat
Case Quantity	4755
Variable Count	13

 PGS\_RISK - PGS\_RISK\_PLINK\_GWAS

Type	Numeric (Double)
Description	Polygenic score for general risk tolerance, obtained using classic PLINK method and standard GWAS results. Note these are reverse-coded.

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-3.276866...	3.6309792...	-7.32E-11	1E+0

 PGS\_RIS2 - PGS\_RISK\_LDPRED\_GWAS

Type	Numeric (Double)
Description	Polygenic score for general risk tolerance, obtained using LDpred method and standard GWAS results

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-3.295509...	3.3845553...	1.21E-10	1E+0

 PGS\_RIS3 - PGS\_RISK\_LDPRED\_MTAG

Type	Numeric (Double)
Description	Polygenic score for general risk tolerance, obtained using LDpred method and results from multivariate analysis of adventurousness, automobile speeding propensity, drinks per week, ever smoker, number of sexual partners, and lifetime cannabis use

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-3.218097...	3.6649067...	-2.93E-10	0.9999999...

 PC1

Type	Numeric (Double)
Description	1st principal component (PC) of the covariance matrix of the individuals' genotypic data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.069079...	0.0231721...	2.18E-7	0.0144819...

 PC2

Type	Numeric (Double)
Description	2nd principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.029585...	0.0783639...	-6.87E-6	0.0144841...

 PC3

Type	Numeric (Double)
Description	3rd principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.039884...	0.0325929...	4.27E-6	0.0144807...

 PC4

Type	Numeric (Double)
Description	4th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.040301...	0.0676110...	-1.01E-6	0.0144760...

 PC5

Type	Numeric (Double)
Description	5th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.040139...	0.0653000...	4.13E-6	0.0144626...

 PC6

Type	Numeric (Double)
Description	6th principal component (PC) of the covariance matrix of the individuals <sup>2</sup> genotypic data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.043688...	0.0640709...	2.15E-6	0.0144829...

 PC7

Type	Numeric (Double)
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Description	7th principal component (PC) of the covariance matrix of the individuals' genotypic data
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.058740...	0.0648081...	-2.31E-5	0.0144633...

### PC8

Type	Numeric (Double)
Description	8th principal component (PC) of the covariance matrix of the individuals' genotypic data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.054538...	0.0590273...	2.19E-5	0.0144884...

### PC9

Type	Numeric (Double)
Description	9th principal component (PC) of the covariance matrix of the individuals' genotypic data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.060507...	0.0531201...	1.13E-5	0.0144751...

### PC10

Type	Numeric (Double)
Description	10th principal component (PC) of the covariance matrix of the individuals' genotypic data

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4755	0	-0.051092...	0.0544148...	1.05E-5	0.0144841...

## 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)
Description	Plasma Cortisol (2014)

 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)



Type	Numeric (Double)
Description	Schizophrenia (2011)



Type	Numeric (Double)
Description	Mental Health Cross Disorder



Type	Numeric (Double)
Description	Alzheimer's Disease



Type	Numeric (Double)
Description	Educational Attainment (2016)



Type	Numeric (Double)
Description	Educational Attainment (2018)



Type	Numeric (Double)
Description	Principal Component, 1st



Type	Numeric (Double)
Description	Principal Component, 2nd



Type	Numeric (Double)
Description	Principal Component, 3rd



Type	Numeric (Double)
Description	Principal Component, 4th



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

#### PC13 - PRINCIPAL COMPONENT, 13TH

Type	Numeric (Double)
Description	Principal Component, 13th

#### PC14 - PRINCIPAL COMPONENT, 14TH

Type	Numeric (Double)
Description	Principal Component, 14th

 PC15 - PRINCIPAL COMPONENT, 15TH

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

## 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

### PGSHDL13 - HIGH-DENSITY LIPOPROTEIN CHOLESTEROL

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

### PGSTC13 - TOTAL CHOLESTEROL, 2013

Type	Numeric (Double)
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Description	Total Cholesterol (2013)
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 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)
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Description	Principal Component, 5th
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 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

 PC13 - PRINCIPAL COMPONENT, 13TH

Type	Numeric (Double)
Description	Principal Component, 13th

 PC14 - PRINCIPAL COMPONENT, 14TH

Type	Numeric (Double)
Description	Principal Component, 14th

 PC15 - PRINCIPAL COMPONENT, 15TH

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...	
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...	



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)
Description	Type II Diabetes (2014)

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



Type	Numeric (Double)
Description	Body Mass Index

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



Type	Numeric (Double)
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Description	Waist Circumference
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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...

#### 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...
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#### 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)
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)
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Description	Principal Component, 13th
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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...
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### 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

## Wave IV Polygenic Scores - Release 2

Title

## Wave IV Polygenic Scores - Release 2

## Abstract

Seventy-four constructed polygenic scores (PGSs) are available for Add Health respondents who provided archival saliva samples for genetic testing at Wave IV. Scores are available for various anthropomorphic, health, and behavioral outcomes. See the documentation for a list of all PGSs.

Variables: 121

Observations: 9,130

## Variables

A grey rectangular box containing a small icon of a person and the text "Wave IV Polygenic Scores - Release 2".

- FID - Family ID
- PSDS1 - SSGAC\_DS\_2018
- PSDEP1 - GWAMA\_WellBeing\_2019\_Dep
- PSFAMPAT - CCACE\_FamHist\_Paternal\_2018
- PSCPD1 - GSCAN\_CPD\_2019
- PSNEUDEP - CTG\_Neuroticism\_2018\_Dep
- PSSPEED - SSGAC\_Risk\_2019\_AutoSpeed
- PSPUBSTD - PGC\_Social\_2018\_PubClub
- PSPTSDAL - PGC\_PTSD\_2018\_Full
- PSNEBFEM - SocioGen\_NEB\_2016\_female
- PSNEUWOR - CTG\_Neuroticism\_2018\_Worry
- PSCANSTD - ICC\_EvrCannabis\_2018
- PSADHD1 - PGC\_ADHD\_2010
- PSEDU1 - SSGAC\_EDU\_2018
- PSADSTD - CTG\_AD\_2019
- PSSBPSTD - ICBP\_SBP
- PSBMI1 - GIANT\_BMI\_2018
- PSFAMMAT - CCACE\_FamHist\_Maternal\_2018
- PSLIFES1 - GWAMA\_WellBeing\_2019\_Uni\_LifeSat
- PSHGT1 - GIANT\_Height
- PSMENO - RepoGen\_Menopause\_2015
- PSPTSDAA - PGC\_PTSD\_2018\_AA
- PSNEURO1 - GWAMA\_WellBeing\_2019\_Neuroticism
- PSSCZSTD - PGC\_SCZ\_2011
- PSANSTD - PGC\_AN\_2019
- PSMISTD - CARDIoGRAM\_MI\_2015
- PSSOCSTD - PGC\_Social\_2018
- PSADAA - PGC\_AlcDep\_2018\_AA
- PSMDD1 - PGC\_MDD\_2019



- 
- PSEVRSK1 - SSGAC\_Risk\_2019\_EvrSmk
  - PSNEBMAL - SocioGen\_NEB\_2016\_male
  - PSAFBALL - SocioGen\_AFB\_2016\_pooled
  - PSPLASMA - CORNET\_Plasma\_2014
  - PSSNORE - CTG\_Insomnia\_2019\_Snoring
  - PSWHRSTD - GIANT\_WHR
  - PSAFBFEM - SocioGen\_AFB\_2016\_female
  - PSREACT - CCACE\_ReAct\_2018
  - PSEVRSK2 - TAG\_EVRSKM\_2010
  - PSCPD2 - TAG\_CPD\_2010
  - PSEXTRAV - GPC\_Extraversion\_2015
  - PSCOGF - CCACE\_CogFunc\_2018
  - PSBIPOL - PGC\_Bipolar\_2011
  - PSADHD2 - PGC\_ADHD\_2017
  - PSLIFES2 - GWAMA\_WellBeing\_2019\_LifeSat
  - PSPOSAF1 - GWAMA\_WellBeing\_2019\_Uni\_PosAff
  - PSASDSTD - PGC\_ASD\_2019
  - PSPPSTD - ICBP\_PP
  - PSCADSTD - CARDIoGRAM\_CAD
  - PSLIPLDL - GLGC\_Lipids\_LDL\_2013
  - PSRISSTD - SSGAC\_Risk\_2019
  - PSDEP2 - GWAMA\_WellBeing\_2019\_Uni\_Dep
  - PSMDD2 - PGC\_MDD\_2013
  - PSDEPAFF - CTG\_Neuroticism\_2018\_DepAff
  - PSGETUP - CTG\_Insomnia\_2019\_GetUp
  - PSMAPSTD - ICBP\_MAP
  - PSLIPHDL - GLGC\_Lipids\_HDL\_2013
  - PSSLEEPD - CTG\_Insomnia\_2019\_SleepDur
  - PSNEURO2 - GWAMA\_WellBeing\_2019\_Uni\_Neuroticism
  - PSDPW1 - SSGAC\_Risk\_2019\_DPW
  - PSLIPTC - GLGC\_Lipids\_TC\_2013
  - PSHGT2 - GIANT\_Height\_2018
  - PSAGESMK - GSCAN\_AgeSmkInt\_2019
  - PSPOSAF2 - GWAMA\_WellBeing\_2019\_PosAff
  - PSAFBMAL - SocioGen\_AFB\_2016\_male
  - PSDIABT1 - DIAGRAM\_Diabetes\_2014
  - PSBMI2 - GIANT\_BMI
  - PSNEBALL - SocioGen\_NEB\_2016\_pooled
  - PSMDD3 - PGC\_MDD\_2018
  - PSDS2 - SSGAC\_DS\_2016
  - PSAUTISM - PGC\_Autism\_2017
  - PSGYM - PGC\_Social\_2018\_Gym
  - PSRELGRP - PGC\_Social\_2018\_RelGrp
  - PSLIPTG - GLGC\_Lipids\_TG\_2013

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- PSINSOMN - CTG\_Insomnia\_2019
  - PSXDIS - PGC\_XDIS\_2013
  - PSNEBSTD - SocioGen\_NEB\_2016
  - PSADALL - PGC\_AlcDep\_2019\_Full
  - PSNEURO3 - CTG\_Neuroticism\_2018
  - PSEVRSK3 - GSCAN\_EvrSmk\_2019
  - PSINTELL - CTG\_Intelligence\_2018
  - PSDIABT2 - DIAGRAM\_Diabetes\_2012
  - PSWCSTD - GIANT\_WC
  - PSADAANR - PGC\_AlcDep\_2018\_AA\_NoRel
  - PSMENARC - RepoGen\_Menarche\_2014
  - PSDBPSTD - ICBP\_DBP
  - PSDPW2 - GSCAN\_DPW\_2019
  - PSAD2013 - IGAP\_AD\_2013
  - PSDOZING - CTG\_Insomnia\_2019\_Dozing
  - PSNSP - SSGAC\_Risk\_2019\_NSP
  - PSEDU2 - SSGAC\_EDU\_2016
  - PSMORN - CTG\_Insomnia\_2019\_Morning
  - PSSTOPSK - GSCAN\_StopSmk\_2019
  - PSNAPPNG - CTG\_Insomnia\_2019\_Napping
  - PSAFBSTD - SocioGen\_AFB\_2016
  - PSLONELY - PGC\_Social\_2018\_Lonely
  - PSPTSDEA - PGC\_PTSD\_2018\_EA
  - PSADEA - PGC\_AlcDep\_2018\_EA
  - PSADEANR - PGC\_AlcDep\_2018\_EA\_NoRel
  - PSPC1 - Principal component 1
  - PSPC2 - Principal component 2
  - PSPC3 - Principal component 3
  - PSPC4 - Principal component 4
  - PSPC5 - Principal component 5
  - PSPC6 - Principal component 6
  - PSPC7 - Principal component 7
  - PSPC8 - Principal component 8
  - PSPC9 - Principal component 9
  - PSPC10 - Principal component 10
  - PSPC11 - Principal component 11
  - PSPC12 - Principal component 12
  - PSPC13 - Principal component 13
  - PSPC14 - Principal component 14
  - PSPC15 - Principal component 15
  - PSPC16 - Principal component 16
  - PSPC17 - Principal component 17
  - PSPC18 - Principal component 18
  - PSPC19 - Principal component 19

- [PSPC20 - Principal component 20](#)
- [PSANCEST - AH genetic ancest: 0=Euro, 1=Afrcn](#)
- [PSRACE - RACE-5 CATEGORIES](#)

#### FID - Family ID

Type	Text
Constraints	Maximum Length: 8
Description	Family ID

#### PSDS1 - SSGAC\_DS\_2018

Type	Numeric (Double)
Description	SSGAC DS 2018

#### PSDEP1 - GWAMA\_WellBeing\_2019\_Dep

Type	Numeric (Double)
Description	GWAMA Well Being 2019

#### PSFAMPAT - CCACE\_FamHist\_Paternal\_2018

Type	Numeric (Double)
Description	CCACE Paternal Family History 2018

#### PSCPD1 - GSCAN\_CPD\_2019

Type	Numeric (Double)
Description	GSCAN CPD 2019

#### PSNEUDEP - CTG\_Neuroticism\_2018\_Dep

Type	Numeric (Double)
Description	CTG Neuroticism 2018

#### PSSPEED - SSGAC\_Risk\_2019\_AutoSpeed

Type	Numeric (Double)
Description	SSGAC Risk 2019 Auto Speed

#### PSPUBSTD - PGC\_Social\_2018\_PubClub

Type	Numeric (Double)
Description	PGC Social 2018 Pub Club

#### PSPTSDAL - PGC\_PTSD\_2018\_Full

Type	Numeric (Double)
Description	PGC PTSD 2018 Full

#### PSNEBFEM - SocioGen\_NEB\_2016\_female

Type	Numeric (Double)
Description	Socio Gen NEB 2016 Female

#### PSNEUWOR - CTG\_Neuroticism\_2018\_Worry

Type	Numeric (Double)
Description	CTG Neuroticism 2018 Worry

#### PSCANSTD - ICC\_EvrCannabis\_2018

Type	Numeric (Double)
Description	ICC Ever Cannabis 2018

#### PSADHD1 - PGC\_ADHD\_2010

Type	Numeric (Double)
Description	PGC ADHD 2010

#### PSEDU1 - SSGAC\_EDU\_2018

Type	Numeric (Double)
Description	SSGAC Education 2018

#### PSADSTD - CTG\_AD\_2019

Type	Numeric (Double)
Description	CTG AD 2019

#### PSSBPSTD - ICBP\_SBP

Type	Numeric (Double)
Description	ICBP Systolic Blood Pressure

#### PSBMI1 - GIANT\_BMI\_2018

Type	Numeric (Double)
Description	GIANT Body Mass Index 2018

#### PSFAMMAT - CCACE\_FamHist\_Maternal\_2018

Type	Numeric (Double)
Description	CCACE Maternal Family History 2018

 PSLIFES1 - GWAMA\_WellBeing\_2019\_Uni\_LifeSat

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Life Sat

 PSHGT1 - GIANT\_Height


Type	Numeric (Double)
Description	GIANT Height

 PSMENO - RepoGen\_Menopause\_2015

Type	Numeric (Double)
Description	RepoGen Menopause 2015

 PSPTSDAA - PGC\_PTSD\_2018\_AA

Type	Numeric (Double)
Description	PGC PTSD 2018 AA

 PSNEURO1 - GWAMA\_WellBeing\_2019\_Neuroticism

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Neuroticism

 PSSCZSTD - PGC\_SCZ\_2011

Type	Numeric (Double)
Description	PGC SCZ 2011

 PSANSTD - PGC\_AN\_2019

Type	Numeric (Double)
Description	PGC AN 2019

 PSMISTD - CARDIoGRAM\_MI\_2015

Type	Numeric (Double)
Description	Cardiogram MI 2015

 PSSOCSTD - PGC\_Social\_2018

Type	Numeric (Double)
Description	PGC Social 2018

 PSADAA - PGC\_AlcDep\_2018\_AA

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 AA

#### PSMDD1 - PGC\_MDD\_2019

Type	Numeric (Double)
Description	PGC MDD 2019

#### PSEVRSK1 - SSGAC\_Risk\_2019\_EvrSmk

Type	Numeric (Double)
Description	SSGAC Risk 2019 Ever Smoked

#### PSNEBMAL - SocioGen\_NEB\_2016\_male

Type	Numeric (Double)
Description	Socio Gen NEB 2016 male

#### PSAFBALL - SocioGen\_AFB\_2016\_pooled

Type	Numeric (Double)
Description	Socio Gen AFB 2016 pooled

#### PSPLASMA - CORNET\_Plasma\_2014

Type	Numeric (Double)
Description	CORNET Plasma 2014

#### PSSNORE - CTG\_Insomnia\_2019\_Snoring

Type	Numeric (Double)
Description	CTG Insomnia 2019 Snoring

#### PSWHRSTD - GIANT\_WHR

Type	Numeric (Double)
Description	GIANT WHR

#### PSAFBFEM - SocioGen\_AFB\_2016\_female

Type	Numeric (Double)
Description	Socio Gen AFB 2016 Female

#### PSREACT - CCACE\_ReAct\_2018

Type	Numeric (Double)
Description	CCACE Re Act 2018



Type	Numeric (Double)
Description	TAG Ever Smoke 2010



Type	Numeric (Double)
Description	TAG CPD 2010



Type	Numeric (Double)
Description	GPC Extraversion 2015



Type	Numeric (Double)
Description	CCACE Cognitive Function 2018



Type	Numeric (Double)
Description	PGC Bipolar 2011



Type	Numeric (Double)
Description	PGC ADHD 2017



Type	Numeric (Double)
Description	GWAMA Well Being 2019 Life Sat



Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Pos Aff



Type	Numeric (Double)
Description	PGC ASD 2019



Type	Numeric (Double)
Description	ICBP PP

#### PSCADSTD - CARDIoGRAM\_CAD

Type	Numeric (Double)
Description	Cardiogram Coronary Artery Disease

#### PSLIPLDL - GLGC\_Lipids\_LDL\_2013

Type	Numeric (Double)
Description	GLGC Lipids LDL 2013

#### PSRISSTD - SSGAC\_Risk\_2019

Type	Numeric (Double)
Description	SSGAC Risk 2019

#### PSDEP2 - GWAMA\_WellBeing\_2019\_Uni\_Dep

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Dep

#### PSMDD2 - PGC\_MDD\_2013

Type	Numeric (Double)
Description	PGC MDD 2013

#### PSDEPAFF - CTG\_Neuroticism\_2018\_DepAff

Type	Numeric (Double)
Description	CTG Neuroticism 2018 Dep Aff

#### PSGETUP - CTG\_Insomnia\_2019\_GetUp

Type	Numeric (Double)
Description	CTG Insomnia 2019 Get Up

#### PSMAPSTD - ICBP\_MAP

Type	Numeric (Double)
Description	ICBP MAP

#### PSLIPHDL - GLGC\_Lipids\_HDL\_2013

Type	Numeric (Double)
Description	GLGC Lipids HDL 2013



 PSSLEEPD - CTG\_Insomnia\_2019\_SleepDur

Type	Numeric (Double)
Description	CTG Insomnia 2019 Sleep Duration

 PSNEURO2 - GWAMA\_WellBeing\_2019\_Uni\_Neuroticism

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Neuroticism

 PSDPW1 - SSGAC\_Risk\_2019\_DPW

Type	Numeric (Double)
Description	SSGAC Risk 2019 DPW

 PSLIPTC - GLGC\_Lipids\_TC\_2013

Type	Numeric (Double)
Description	GLGC Lipids TC 2013

 PSHGT2 - GIANT\_Height\_2018

Type	Numeric (Double)
Description	GIANT Height 2018

 PSAGESMK - GSCAN\_AgeSmkInt\_2019

Type	Numeric (Double)
Description	GSCAN Ag Smoke Int 2019

 PSPOSAF2 - GWAMA\_WellBeing\_2019\_PosAff

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Pos Aff

 PSAFBMAL - SocioGen\_AFB\_2016\_male

Type	Numeric (Double)
Description	SocioGen AFB 2016 male

 PSDIABT1 - DIAGRAM\_Diabetes\_2014

Type	Numeric (Double)
Description	DIAGRAM Diabetes 2014

 PSBMI2 - GIANT\_BMI

Type	Numeric (Double)
Description	GIANT BMI

 PSNEBALL - SocioGen\_NEB\_2016\_pooled

Type	Numeric (Double)
Description	Socio Gen NEB 2016 pooled

 PSMDD3 - PGC\_MDD\_2018

Type	Numeric (Double)
Description	PGC MDD 2018

 PSDS2 - SSGAC\_DS\_2016

Type	Numeric (Double)
Description	SSGAC DS 2016

 PSAUTISM - PGC\_Autism\_2017

Type	Numeric (Double)
Description	PGC Autism 2017

 PSGYM - PGC\_Social\_2018\_Gym

Type	Numeric (Double)
Description	PGC Social 2018 Gym

 PSRELGRP - PGC\_Social\_2018\_RelGrp

Type	Numeric (Double)
Description	PGC Social 2018 Rel Grp

 PSLIPTG - GLGC\_Lipids\_TG\_2013

Type	Numeric (Double)
Description	GLGC Lipids TG 2013

 PSINSOMN - CTG\_Insomnia\_2019

Type	Numeric (Double)
Description	CTG Insomnia 2019

 PSXDIS - PGC\_XDIS\_2013

Type	Numeric (Double)
Description	PGC XDIS 2013

 PSNEBSTD - SocioGen\_NEB\_2016

Type	Numeric (Double)
Description	Socio Gen NEB 2016

 PSADALL - PGC\_AlcDep\_2019\_Full

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2019 Full

 PSNEURO3 - CTG\_Neuroticism\_2018

Type	Numeric (Double)
Description	CTG Neuroticism 2018

 PSEVRK3 - GSCAN\_EvrSmk\_2019

Type	Numeric (Double)
Description	GSCAN Ever Smoked 2019

 PSINTELL - CTG\_Intelligence\_2018

Type	Numeric (Double)
Description	CTG Intelligence 2018

 PSDIABT2 - DIAGRAM\_Diabetes\_2012

Type	Numeric (Double)
Description	DIAGRAM Diabetes 2012

 PSWCSTD - GIANT\_WC

Type	Numeric (Double)
Description	GIANT WC

 PSADAANR - PGC\_AlcDep\_2018\_AA\_NoRel

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 AA No Rel

 PSMENARC - RepoGen\_Menarche\_2014

Type	Numeric (Double)
Description	Repo Gen Menarche 2014

 PSDBPSTD - ICBP\_DBP

Type	Numeric (Double)
Description	ICBP DBP

#### PSDPW2 - GSCAN\_DPW\_2019

Type	Numeric (Double)
Description	GSCAN DPW 2019

#### PSAD2013 - IGAP\_AD\_2013

Type	Numeric (Double)
Description	IGAP AD 2013

#### PSDOZING - CTG\_Insomnia\_2019\_Dozing

Type	Numeric (Double)
Description	CTG Insomnia 2019 Dozing

#### PSNSP - SSGAC\_Risk\_2019\_NSP

Type	Numeric (Double)
Description	SSGAC Risk 2019 NSP

#### PSEDU2 - SSGAC\_EDU\_2016

Type	Numeric (Double)
Description	SSGAC EDU 2016

#### PSMORN - CTG\_Insomnia\_2019\_Morning

Type	Numeric (Double)
Description	CTG Insomnia 2019 Morning

#### PSSTOPSK - GSCAN\_StopSmk\_2019

Type	Numeric (Double)
Description	GSCAN Stop Smk 2019

#### PSNAPPNG - CTG\_Insomnia\_2019\_Napping

Type	Numeric (Double)
Description	CTG Insomnia 2019 Napping

#### PSAFBSTD - SocioGen\_AFB\_2016

Type	Numeric (Double)
Description	Socio Gen AFB 2016

 PSLONELY - PGC\_Social\_2018\_Lonely

Type	Numeric (Double)
Description	PGC Social 2018 Lonely

 PSPTSDEA - PGC\_PTSD\_2018\_EA

Type	Numeric (Double)
Description	PGC PTSD 2018 EA

 PSADEA - PGC\_AlcDep\_2018\_EA

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 EA

 PSADEANR - PGC\_AlcDep\_2018\_EA\_NoRel

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 EA No Rel

 PSPC1 - Principal component 1

Type	Numeric (Double)
Description	Principal Component 1

 PSPC2 - Principal component 2

Type	Numeric (Double)
Description	Principal Component 2

 PSPC3 - Principal component 3

Type	Numeric (Double)
Description	Principal Component 3

 PSPC4 - Principal component 4

Type	Numeric (Double)
Description	Principal Component 4

 PSPC5 - Principal component 5

Type	Numeric (Double)
Description	Principal Component 5

 PSPC6 - Principal component 6

Type	Numeric (Double)
Description	Principal Component 6

#### PSPC7 - Principal component 7

Type	Numeric (Double)
Description	Principal Component 7

#### PSPC8 - Principal component 8

Type	Numeric (Double)
Description	Principal Component 8

#### PSPC9 - Principal component 9

Type	Numeric (Double)
Description	Principal Component 9

#### PSPC10 - Principal component 10

Type	Numeric (Double)
Description	Principal Component 10

#### PSPC11 - Principal component 11

Type	Numeric (Double)
Description	Principal Component 11

#### PSPC12 - Principal component 12

Type	Numeric (Double)
Description	Principal Component 12

#### PSPC13 - Principal component 13

Type	Numeric (Double)
Description	Principal Component 13

#### PSPC14 - Principal component 14

Type	Numeric (Double)
Description	Principal Component 14

#### PSPC15 - Principal component 15

Type	Numeric (Double)
Description	Principal Component 15

 PSPC16 - Principal component 16

Type	Numeric (Double)
Description	Principal Component 16

 PSPC17 - Principal component 17

Type	Numeric (Double)
Description	Principal Component 17

 PSPC18 - Principal component 18

Type	Numeric (Double)
Description	Principal Component 18

 PSPC19 - Principal component 19

Type	Numeric (Double)
Description	Principal Component 19

 PSPC20 - Principal component 20

Type	Numeric (Double)
Description	Principal Component 20

 PSANCEST - AH genetic ancest: 0=Euro, 1=Afrcn

Type	Code
Measurement Unit	Text
Description	Add Health Genetic Ancestry
African ancestry	African ancestry
East Asian ancest	East Asian ancestry
European ancestry	European ancestry
Hispanic ancestry	Hispanic ancestry

 PSRACE - RACE-5 CATEGORIES

Type	Code
Measurement Unit	Text
Description	Race Five Categories

Asian	Asian
Hispanic	Hispanic
Nat. Am.	Native American
NHB	Non-Hispanic Black
NHW	Non-Hispanic White

## Logical Products

### Wave IV Polygenic Scores - Release 2

## Data Layouts

### Wave IV Polygenic Scores - Release 2

#### Wave IV Polygenic Scores - Release 2

##### FID - Family ID

Type	Text
Constraints	Maximum Length: 8
Description	Family ID

##### PSDS1 - SSGAC\_DS\_2018

Type	Numeric (Double)
Description	SSGAC DS 2018

##### PSDEP1 - GWAMA\_WellBeing\_2019\_Dep

Type	Numeric (Double)
Description	GWAMA Well Being 2019

##### PSFAMPAT - CCACE\_FamHist\_Paternal\_2018

Type	Numeric (Double)
Description	CCACE Paternal Family History 2018

##### PSCPD1 - GSCAN\_CPD\_2019

Type	Numeric (Double)
Description	GSCAN CPD 2019

##### PSNEUDEP - CTG\_Neuroticism\_2018\_Dep

Type	Numeric (Double)
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Description	CTG Neuroticism 2018
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 PSSPEED - SSGAC\_Risk\_2019\_AutoSpeed

Type	Numeric (Double)
Description	SSGAC Risk 2019 Auto Speed

 PSPUBSTD - PGC\_Social\_2018\_PubClub


Type	Numeric (Double)
Description	PGC Social 2018 Pub Club

 PSPTSDAL - PGC\_PTSD\_2018\_Full

Type	Numeric (Double)
Description	PGC PTSD 2018 Full

 PSNEBFEM - SocioGen\_NEB\_2016\_female

Type	Numeric (Double)
Description	Socio Gen NEB 2016 Female

 PSNEUWOR - CTG\_Neuroticism\_2018\_Worry

Type	Numeric (Double)
Description	CTG Neuroticism 2018 Worry

 PSCANSTD - ICC\_EvrCannabis\_2018

Type	Numeric (Double)
Description	ICC Ever Cannabis 2018

 PSADHD1 - PGC\_ADHD\_2010

Type	Numeric (Double)
Description	PGC ADHD 2010

 PSEDU1 - SSGAC\_EDU\_2018

Type	Numeric (Double)
Description	SSGAC Education 2018

 PSADSTD - CTG\_AD\_2019

Type	Numeric (Double)
Description	CTG AD 2019

 PSSBPSTD - ICBP\_SBP

Type	Numeric (Double)
Description	ICBP Systolic Blood Pressure

 PSBMI1 - GIANT\_BMI\_2018

Type	Numeric (Double)
Description	GIANT Body Mass Index 2018

 PSFAMMAT - CCACE\_FamHist\_Maternal\_2018

Type	Numeric (Double)
Description	CCACE Maternal Family History 2018

 PSLIFES1 - GWAMA\_WellBeing\_2019\_Uni\_LifeSat

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Life Sat

 PSHGT1 - GIANT\_Height

Type	Numeric (Double)
Description	GIANT Height

 PSMENO - RepoGen\_Menopause\_2015

Type	Numeric (Double)
Description	RepoGen Menopause 2015

 PSPTSDAA - PGC\_PTSD\_2018\_AA

Type	Numeric (Double)
Description	PGC PTSD 2018 AA

 PSNEURO1 - GWAMA\_WellBeing\_2019\_Neuroticism

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Neuroticism

 PSSCZSTD - PGC\_SCZ\_2011

Type	Numeric (Double)
Description	PGC SCZ 2011

 PSANSTD - PGC\_AN\_2019

Type	Numeric (Double)
Description	PGC AN 2019

PSMISTD - CARDIoGRAM_MI_2015	
Type	Numeric (Double)
Description	Cardiogram MI 2015
PSSOCSTD - PGC_Social_2018	
Type	Numeric (Double)
Description	PGC Social 2018
PSADAA - PGC_AlcDep_2018_AA	
Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 AA
PSMDD1 - PGC_MDD_2019	
Type	Numeric (Double)
Description	PGC MDD 2019
PSEVRSK1 - SSGAC_Risk_2019_EvrSmk	
Type	Numeric (Double)
Description	SSGAC Risk 2019 Ever Smoked
PSNEBMAL - SocioGen_NEB_2016_male	
Type	Numeric (Double)
Description	Socio Gen NEB 2016 male
PSAFBALL - SocioGen_AFB_2016_pooled	
Type	Numeric (Double)
Description	Socio Gen AFB 2016 pooled
PSPLASMA - CORNET_Plasma_2014	
Type	Numeric (Double)
Description	CORNET Plasma 2014
PSSNORE - CTG_Insomnia_2019_Snoring	
Type	Numeric (Double)
Description	CTG Insomnia 2019 Snoring
PSWHRSTD - GIANT_WHR	
Type	Numeric (Double)

Description	GIANT WHR
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 PSAFBFEM - SocioGen\_AFB\_2016\_female

Type	Numeric (Double)
Description	Socio Gen AFB 2016 Female

 PSREACT - CCACE\_ReAct\_2018

Type	Numeric (Double)
Description	CCACE Re Act 2018

 PSEVRSK2 - TAG\_EVRSMK\_2010

Type	Numeric (Double)
Description	TAG Ever Smoke 2010

 PSCPD2 - TAG\_CPD\_2010

Type	Numeric (Double)
Description	TAG CPD 2010

 PSEXTRAV - GPC\_Extraversion\_2015

Type	Numeric (Double)
Description	GPC Extraversion 2015

 PSCOGF - CCACE\_CogFunc\_2018

Type	Numeric (Double)
Description	CCACE Cognitive Function 2018

 PSBIPOL - PGC\_Bipolar\_2011

Type	Numeric (Double)
Description	PGC Bipolar 2011

 PSADHD2 - PGC\_ADHD\_2017

Type	Numeric (Double)
Description	PGC ADHD 2017

 PSLIFES2 - GWAMA\_WellBeing\_2019\_LifeSat

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Life Sat

 PSPOSAF1 - GWAMA\_WellBeing\_2019\_Uni\_PosAff

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Pos Aff

 PSASDSTD - PGC\_ASD\_2019

Type	Numeric (Double)
Description	PGC ASD 2019

 PSPPSTD - ICBP\_PP

Type	Numeric (Double)
Description	ICBP PP

 PSCADSTD - CARDIoGRAM\_CAD

Type	Numeric (Double)
Description	Cardiogram Coronary Artery Disease

 PSLIPLDL - GLGC\_Lipids\_LDL\_2013

Type	Numeric (Double)
Description	GLGC Lipids LDL 2013

 PSRISSTD - SSGAC\_Risk\_2019


Type	Numeric (Double)
Description	SSGAC Risk 2019

 PSDEP2 - GWAMA\_WellBeing\_2019\_Uni\_Dep

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Dep

 PSMDD2 - PGC\_MDD\_2013

Type	Numeric (Double)
Description	PGC MDD 2013

 PSDEPAFF - CTG\_Neuroticism\_2018\_DepAff

Type	Numeric (Double)
Description	CTG Neuroticism 2018 Dep Aff

 PSGETUP - CTG\_Insomnia\_2019\_GetUp

Type	Numeric (Double)
Description	CTG Insomnia 2019 Get Up

PSMAPSTD - ICBP_MAP	
Type	Numeric (Double)
Description	ICBP MAP
PSLIPHDL - GLGC_Lipids_HDL_2013	
Type	Numeric (Double)
Description	GLGC Lipids HDL 2013
PSSLEEPD - CTG_Insomnia_2019_SleepDur	
Type	Numeric (Double)
Description	CTG Insomnia 2019 Sleep Duration
PSNEURO2 - GWAMA_WellBeing_2019_Uni_Neuroticism	
Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Neuroticism
PSDPW1 - SSGAC_Risk_2019_DPW	
Type	Numeric (Double)
Description	SSGAC Risk 2019 DPW
PSLIPTC - GLGC_Lipids_TC_2013	
Type	Numeric (Double)
Description	GLGC Lipids TC 2013
PSHGT2 - GIANT_Height_2018	
Type	Numeric (Double)
Description	GIANT Height 2018
PSAGESMK - GSCAN_AgeSmkInt_2019	
Type	Numeric (Double)
Description	GSCAN Ag Smoke Int 2019
PSPOSAF2 - GWAMA_WellBeing_2019_PosAff	
Type	Numeric (Double)
Description	GWAMA Well Being 2019 Pos Aff
PSAFBMAL - SocioGen_AFB_2016_male	
Type	Numeric (Double)

Description	SocioGen AFB 2016 male
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 PSDIABT1 - DIAGRAM\_Diabetes\_2014

Type	Numeric (Double)
Description	DIAGRAM Diabetes 2014

 PSBMI2 - GIANT\_BMI

Type	Numeric (Double)
Description	GIANT BMI

 PSNEBALL - SocioGen\_NEB\_2016\_pooled

Type	Numeric (Double)
Description	Socio Gen NEB 2016 pooled

 PSMDD3 - PGC\_MDD\_2018

Type	Numeric (Double)
Description	PGC MDD 2018

 PSDS2 - SSGAC\_DS\_2016

Type	Numeric (Double)
Description	SSGAC DS 2016

 PSAUTISM - PGC\_Autism\_2017

Type	Numeric (Double)
Description	PGC Autism 2017

 PSGYM - PGC\_Social\_2018\_Gym

Type	Numeric (Double)
Description	PGC Social 2018 Gym

 PSRELGRP - PGC\_Social\_2018\_RelGrp

Type	Numeric (Double)
Description	PGC Social 2018 Rel Grp

 PSLIPTG - GLGC\_Lipids\_TG\_2013

Type	Numeric (Double)
Description	GLGC Lipids TG 2013

 PSINSOMN - CTG\_Insomnia\_2019

Type	Numeric (Double)
Description	CTG Insomnia 2019

 PSXDIS - PGC\_XDIS\_2013

Type	Numeric (Double)
Description	PGC XDIS 2013

 PSNEBSTD - SocioGen\_NEB\_2016

Type	Numeric (Double)
Description	Socio Gen NEB 2016

 PSADALL - PGC\_AlcDep\_2019\_Full

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2019 Full

 PSNEURO3 - CTG\_Neuroticism\_2018

Type	Numeric (Double)
Description	CTG Neuroticism 2018

 PSEVRSK3 - GSCAN\_EvrSmk\_2019

Type	Numeric (Double)
Description	GSCAN Ever Smoked 2019

 PSINTELL - CTG\_Intelligence\_2018

Type	Numeric (Double)
Description	CTG Intelligence 2018

 PSDIABT2 - DIAGRAM\_Diabetes\_2012

Type	Numeric (Double)
Description	DIAGRAM Diabetes 2012

 PSWCSTD - GIANT\_WC

Type	Numeric (Double)
Description	GIANT WC

 PSADAANR - PGC\_AlcDep\_2018\_AA\_NoRel

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 AA No Rel



PSMENARC - RepoGen_Menarche_2014	
Type	Numeric (Double)
Description	Repo Gen Menarche 2014
PSDBPSTD - ICBP_DBP	
Type	Numeric (Double)
Description	ICBP DBP
PSDPW2 - GSCAN_DPW_2019	
Type	Numeric (Double)
Description	GSCAN DPW 2019
PSAD2013 - IGAP_AD_2013	
Type	Numeric (Double)
Description	IGAP AD 2013
PSDOZING - CTG_Insomnia_2019_Doizing	
Type	Numeric (Double)
Description	CTG Insomnia 2019 Doizing
PSNSP - SSGAC_Risk_2019_NSP	
Type	Numeric (Double)
Description	SSGAC Risk 2019 NSP
PSEDU2 - SSGAC_EDU_2016	
Type	Numeric (Double)
Description	SSGAC EDU 2016
PSMORN - CTG_Insomnia_2019_Morning	
Type	Numeric (Double)
Description	CTG Insomnia 2019 Morning
PSSTOPSK - GSCAN_StopSmk_2019	
Type	Numeric (Double)
Description	GSCAN Stop Smk 2019
PSNAPPNG - CTG_Insomnia_2019_Napping	
Type	Numeric (Double)

Description	CTG Insomnia 2019 Napping
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 PSAFBSTD - SocioGen\_AFB\_2016

Type	Numeric (Double)
Description	Socio Gen AFB 2016

 PSLONELY - PGC\_Social\_2018\_Lonely

Type	Numeric (Double)
Description	PGC Social 2018 Lonely

 PSPTSDEA - PGC\_PTSD\_2018\_EA

Type	Numeric (Double)
Description	PGC PTSD 2018 EA

 PSADEA - PGC\_AlcDep\_2018\_EA

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 EA

 PSADEANR - PGC\_AlcDep\_2018\_EA\_NoRel

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 EA No Rel

 PSPC1 - Principal component 1

Type	Numeric (Double)
Description	Principal Component 1

 PSPC2 - Principal component 2

Type	Numeric (Double)
Description	Principal Component 2

 PSPC3 - Principal component 3

Type	Numeric (Double)
Description	Principal Component 3

 PSPC4 - Principal component 4

Type	Numeric (Double)
Description	Principal Component 4

 PSPC5 - Principal component 5

Type	Numeric (Double)
Description	Principal Component 5

 PSPC6 - Principal component 6

Type	Numeric (Double)
Description	Principal Component 6

 PSPC7 - Principal component 7

Type	Numeric (Double)
Description	Principal Component 7

 PSPC8 - Principal component 8

Type	Numeric (Double)
Description	Principal Component 8

 PSPC9 - Principal component 9

Type	Numeric (Double)
Description	Principal Component 9

 PSPC10 - Principal component 10

Type	Numeric (Double)
Description	Principal Component 10

 PSPC11 - Principal component 11

Type	Numeric (Double)
Description	Principal Component 11

 PSPC12 - Principal component 12

Type	Numeric (Double)
Description	Principal Component 12

 PSPC13 - Principal component 13

Type	Numeric (Double)
Description	Principal Component 13

 PSPC14 - Principal component 14

Type	Numeric (Double)
Description	Principal Component 14

 PSPC15 - Principal component 15

Type	Numeric (Double)
Description	Principal Component 15

 PSPC16 - Principal component 16

Type	Numeric (Double)
Description	Principal Component 16

 PSPC17 - Principal component 17

Type	Numeric (Double)
Description	Principal Component 17

 PSPC18 - Principal component 18


Type	Numeric (Double)
Description	Principal Component 18

 PSPC19 - Principal component 19

Type	Numeric (Double)
Description	Principal Component 19

 PSPC20 - Principal component 20

Type	Numeric (Double)
Description	Principal Component 20

 PSANCEST - AH genetic ancest: 0=Euro, 1=Afrcn

Type	Code
Measurement Unit	Text
Description	Add Health Genetic Ancestry
African ancestry	African ancestry
East Asian ancest	East Asian ancestry
European ancestry	European ancestry
Hispanic ancestry	Hispanic ancestery

 PSRACE - RACE-5 CATEGORIES

Type	Code
Measurement Unit	Text
Description	Race Five Categories
Asian	Asian
Hispanic	Hispanic
Nat. Am.	Native American
NHB	Non-Hispanic Black
NHW	Non-Hispanic White

## Physical Instances

### Wave IV Polygenic Scores - Release 2

Title	Wave IV Polygenic Scores - Release 2
File Name	pgs2.sas7bdat
Case Quantity	9130
Variable Count	120

### FID - Family ID

Type	Text
Constraints	Maximum Length: 8
Description	Family ID

Valid	Invalid	Minimum	Maximum
9130	0	40003	99886999

### PSDS1 - SSGAC\_DS\_2018

Type	Numeric (Double)
Description	SSGAC DS 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.9850097	4.1688604	-2.99E-10	0.9998356...

### PSDEP1 - GWAMA\_WellBeing\_2019\_Dep

Type	Numeric (Double)
Description	GWAMA Well Being 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.1617639	4.1690102	2.84E-10	0.9998356...

### PSFAMPAT - CCACE\_FamHist\_Paternal\_2018

Type	Numeric (Double)
Description	CCACE Paternal Family History 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.5465209	4.3813314	-6.91E-10	0.9998356...

#### PSCP1 - GSCAN\_CPD\_2019

Type	Numeric (Double)
Description	GSCAN CPD 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.8552775	3.6859734	2.42E-10	0.9998356...

#### PSNEUDEP - CTG\_Neuroticism\_2018\_Dep

Type	Numeric (Double)
Description	CTG Neuroticism 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.6294184	3.7965479	-3.62E-10	0.9998356...

#### PSSPEED - SSGAC\_Risk\_2019\_AutoSpeed

Type	Numeric (Double)
Description	SSGAC Risk 2019 Auto Speed

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.1139865	4.2058005	-3.18E-10	0.9998356...

#### PSPUBSTD - PGC\_Social\_2018\_PubClub

Type	Numeric (Double)
Description	PGC Social 2018 Pub Club

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.5457807	3.5472653	-2.39E-11	0.9998356...

#### PSPTS DAL - PGC\_PTSD\_2018\_Full

Type	Numeric (Double)
Description	PGC PTSD 2018 Full

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.4767714	3.4900408	1.55E-10	0.9998356...

#### PSNEBFEM - SocioGen\_NEB\_2016\_female

Type	Numeric (Double)
Description	Socio Gen NEB 2016 Female

			Frequency
Missing	.	missing	4320

Valid	Invalid
0	4320

#### PSNEUWOR - CTG\_Neuroticism\_2018\_Worry

Type	Numeric (Double)
Description	CTG Neuroticism 2018 Worry

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.3414798	4.1016588	1.08E-10	0.9998356...

#### PSCANSTD - ICC\_EvrCannabis\_2018

Type	Numeric (Double)
Description	ICC Ever Cannabis 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.91399	3.4002748	3.43E-11	0.9998356...

#### PSADHD1 - PGC\_ADHD\_2010

Type	Numeric (Double)
Description	PGC ADHD 2010

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.8149149	3.8155453	1.4E-10	0.9998356...

#### PSEDU1 - SSGAC\_EDU\_2018

Type	Numeric (Double)
Description	SSGAC Education 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.12958	3.5519605	-4.44E-10	0.9998356...

#### PSADSTD - CTG\_AD\_2019

Type	Numeric (Double)
Description	CTG AD 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.7862723	3.5214665	-4.78E-10	0.9998356...

#### PSSBPSTD - ICBP\_SBP

Type	Numeric (Double)
Description	ICBP Systolic Blood Pressure

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.6137195	3.4500816	-1.13E-10	0.9998356...

#### PSBMM1 - GIANT\_BMI\_2018

Type	Numeric (Double)
Description	GIANT Body Mass Index 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.4792261	3.5613236	-2.46E-10	0.9998356...

#### PSFAMMAT - CCACE\_FamHist\_Maternal\_2018

Type	Numeric (Double)
Description	CCACE Maternal Family History 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.6136503	4.3022103	-2.51E-10	0.9998356...

#### PSLIFES1 - GWAMA\_WellBeing\_2019\_Uni\_LifeSat

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Life Sat

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.836504	3.6344712	1.65E-10	0.9998356...

#### PSHGT1 - GIANT\_Height

Type	Numeric (Double)
Description	GIANT Height

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-5.9109921	4.908587	-2.62E-10	0.9998356...

#### PSMENO - RepoGen\_Menopause\_2015

Type	Numeric (Double)
Description	RepoGen Menopause 2015

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.7249184	4.625618	6.52E-11	0.9998356...

#### PSPTSDAA - PGC\_PTSD\_2018\_AA

Type	Numeric (Double)
Description	PGC PTSD 2018 AA

Valid	Invalid	Minimum	Maximum	Mean	StdDev
1975	0	-3.3004422	4.0510135	2.2E-10	1E+0



 PSNEURO1 - GWAMA\_WellBeing\_2019\_Neuroticism

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Neuroticism

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.7373111	3.9288402	3.75E-10	0.9998356...

 PSSCZSTD - PGC\_SCZ\_2011

Type	Numeric (Double)
Description	PGC SCZ 2011

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.9256327	3.0588355	1.4E-10	0.9998356...

 PSANSTD - PGC\_AN\_2019

Type	Numeric (Double)
Description	PGC AN 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.2067158	4.0537181	-1.41E-10	0.9998356...

 PSMISTD - CARDIoGRAM\_MI\_2015

Type	Numeric (Double)
Description	Cardiogram MI 2015

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.0625019	3.9842367	-7.5E-11	0.9998356...

 PSSOCSTD - PGC\_Social\_2018

Type	Numeric (Double)
Description	PGC Social 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.5759077	3.6616619	1.3E-10	0.9998356...

 PSADAA - PGC\_AlcDep\_2018\_AA

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 AA

Valid	Invalid	Minimum	Maximum	Mean	StdDev
1975	0	-3.1933651	3.6922996	1.34E-9	0.9999999...

 PSMDD1 - PGC\_MDD\_2019

Type	Numeric (Double)
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Description	PGC MDD 2019
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.7714174	3.5955288	-1.02E-10	0.9998356...

#### PSEVRSK1 - SSGAC\_Risk\_2019\_EvrSmk

Type	Numeric (Double)
Description	SSGAC Risk 2019 Ever Smoked

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.2456241	4.250042	-5.56E-10	0.9998356...

#### PSNEBMAL - SocioGen\_NEB\_2016\_male

Type	Numeric (Double)
Description	Socio Gen NEB 2016 male

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4320	0	-3.8954825	3.613905	-0.018094...	1.0011566...

#### PSAFBALL - SocioGen\_AFB\_2016\_pooled

Type	Numeric (Double)
Description	Socio Gen AFB 2016 pooled

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.0401912	4.0449209	-7.57E-10	0.9998356...

#### PSPLASMA - CORNET\_Plasma\_2014

Type	Numeric (Double)
Description	CORNET Plasma 2014

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.5205948	3.9820714	2.07E-10	0.9998356...

#### PSSNORE - CTG\_Insomnia\_2019\_Snoring

Type	Numeric (Double)
Description	CTG Insomnia 2019 Snoring

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.4384778	4.0726972	3.99E-10	0.9998356...

#### PSWHRSTD - GIANT\_WHR

Type	Numeric (Double)
Description	GIANT WHR

Valid	Invalid	Minimum	Maximum	Mean	StdDev

9130	0	-3.7710209	3.8487623	3.34E-10	0.9998356...
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Type	Numeric (Double)
Description	Socio Gen AFB 2016 Female

			Frequency
Missing	.	missing	4320

Valid	Invalid
0	4320



Type	Numeric (Double)
Description	CCACE Re Act 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.563848	4.0066504	2.12E-10	0.9998356...



Type	Numeric (Double)
Description	TAG Ever Smoke 2010

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.6364369	3.5767787	1.02E-10	0.9998356...



Type	Numeric (Double)
Description	TAG CPD 2010

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.0079246	3.6852756	6.4E-10	0.9998356...



Type	Numeric (Double)
Description	GPC Extraversion 2015

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.3712635	4.5502887	9.81E-11	0.9998356...



Type	Numeric (Double)
Description	CCACE Cognitive Function 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev

9130	0	-3.6344156	4.4690461	-2.42E-10	0.9998356...
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Type	Numeric (Double)
Description	PGC Bipolar 2011

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.2495799	3.5752409	2.31E-11	0.9998356...



Type	Numeric (Double)
Description	PGC ADHD 2017

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.8171821	3.6623023	-1.69E-10	0.9998356...



Type	Numeric (Double)
Description	GWAMA Well Being 2019 Life Sat

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.6599364	3.4838736	-1.85E-11	0.9998356...



Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Pos Aff

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.6667666	3.7067769	1.52E-10	0.9998356...



Type	Numeric (Double)
Description	PGC ASD 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.9475482	3.7876709	2.21E-10	0.9998356...



Type	Numeric (Double)
Description	ICBP PP

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.2600169	4.0984621	8.36E-10	0.9998356...



Type	Numeric (Double)
Description	Cardiogram Coronary Artery Disease

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.0588622	4.2177424	-5.1E-10	0.9998356...

#### PSLIPLDL - GLGC\_Lipids\_LDL\_2013

Type	Numeric (Double)
Description	GLGC Lipids LDL 2013

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.7645974	3.9742572	-4.74E-10	0.9998356...

#### PSRISSTD - SSGAC\_Risk\_2019

Type	Numeric (Double)
Description	SSGAC Risk 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.779047	3.6569428	-3.79E-10	0.9998356...

#### PSDEP2 - GWAMA\_WellBeing\_2019\_Uni\_Dep

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Dep

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.7881522	3.5462167	-3.58E-10	0.9998356...

#### PSMDD2 - PGC\_MDD\_2013

Type	Numeric (Double)
Description	PGC MDD 2013

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.1653457	4.0773187	-4.11E-10	0.9998356...

#### PSDEPAFF - CTG\_Neuroticism\_2018\_DepAff

Type	Numeric (Double)
Description	CTG Neuroticism 2018 Dep Aff

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.539418	3.4455805	9.31E-11	0.9998356...

#### PSGETUP - CTG\_Insomnia\_2019\_GetUp

Type	Numeric (Double)
Description	CTG Insomnia 2019 Get Up

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.8334672	4.2720833	7.39E-11	0.9998356...

 PSMAPSTD - ICBP\_MAP

Type	Numeric (Double)
Description	ICBP MAP

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.1495566	3.5804076	1.14E-10	0.9998356...

 PSLIPHD - GLGC\_Lipids\_HDL\_2013

Type	Numeric (Double)
Description	GLGC Lipids HDL 2013

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.0922194	3.3492355	-2.2E-10	0.9998356...

 PSSLEPD - CTG\_Insomnia\_2019\_SleepDur

Type	Numeric (Double)
Description	CTG Insomnia 2019 Sleep Duration

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.2203407	3.5599334	-3.43E-10	0.9998356...

 PSNEURO2 - GWAMA\_WellBeing\_2019\_Uni\_Neuroticism

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Uni Neuroticism

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.7327681	3.5445857	-1.97E-10	0.9998356...

 PSDPW1 - SSGAC\_Risk\_2019\_DPW

Type	Numeric (Double)
Description	SSGAC Risk 2019 DPW

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.5164554	4.0239253	-1.9E-10	0.9998356...

 PSLIPTC - GLGC\_Lipids\_TC\_2013

Type	Numeric (Double)
Description	GLGC Lipids TC 2013

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.1933427	3.4933882	3.27E-10	0.9998356...

 PSHGT2 - GIANT\_Height\_2018

Type	Numeric (Double)
Description	GIANT Height 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.6357837	4.1623054	-2.09E-10	0.9998356...

 PSAGESMK - GSCAN\_AgeSmkInt\_2019

Type	Numeric (Double)
Description	GSCAN Ag Smoke Int 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.6381576	4.0452957	-5.13E-10	0.9998356...

 PSPOSAF2 - GWAMA\_WellBeing\_2019\_PosAff

Type	Numeric (Double)
Description	GWAMA Well Being 2019 Pos Aff

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.2399058	3.6702073	4.14E-11	0.9998356...

 PSAFBMAL - SocioGen\_AFB\_2016\_male

Type	Numeric (Double)
Description	SocioGen AFB 2016 male

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4320	0	-3.3513598	3.4640138	0.0051976...	0.9971605...

 PSDIABT1 - DIAGRAM\_Diabetes\_2014

Type	Numeric (Double)
Description	DIAGRAM Diabetes 2014

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.8873944	4.5497956	-4.27E-10	0.9998356...

 PSBMI2 - GIANT\_BMI

Type	Numeric (Double)
Description	GIANT BMI

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.9692814	3.8173399	-3.95E-10	0.9998356...

 PSNEBALL - SocioGen\_NEB\_2016\_pooled

Type	Numeric (Double)
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Description	Socio Gen NEB 2016 pooled
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.384753	3.883477	-1.67E-10	0.9998356...

#### PSMDD3 - PGC\_MDD\_2018

Type	Numeric (Double)
Description	PGC MDD 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.1040325	6.3544827	-1.98E-10	0.9998356...

#### PSDS2 - SSGAC\_DS\_2016

Type	Numeric (Double)
Description	SSGAC DS 2016

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.9850097	4.1688604	-2.99E-10	0.9998356...

#### PSAUTISM - PGC\_Autism\_2017

Type	Numeric (Double)
Description	PGC Autism 2017

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.550518	4.0202885	1E-10	0.9998356...

#### PSGYM - PGC\_Social\_2018\_Gym

Type	Numeric (Double)
Description	PGC Social 2018 Gym

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.8426843	3.6101077	-2.85E-10	0.9998356...

#### PSRELGRP - PGC\_Social\_2018\_RelGrp

Type	Numeric (Double)
Description	PGC Social 2018 Rel Grp

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.7629316	3.6146121	1.6E-10	0.9998356...

#### PSLIPTG - GLGC\_Lipids\_TG\_2013

Type	Numeric (Double)
Description	GLGC Lipids TG 2013

Valid	Invalid	Minimum	Maximum	Mean	StdDev



9130	0	-4.5196095	3.6130593	-4.82E-11	0.9998356...
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Type	Numeric (Double)
Description	CTG Insomnia 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.7876139	3.8824337	-2.95E-10	0.9998356...



Type	Numeric (Double)
Description	PGC XDIS 2013

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-12.464667	4.8133259	4.7E-10	0.9998356...



Type	Numeric (Double)
Description	Socio Gen NEB 2016

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.384753	3.883477	-1.67E-10	0.9998356...



Type	Numeric (Double)
Description	PGC Alcohol Dependence 2019 Full

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.488867	3.7447975	4E-10	0.9998356...



Type	Numeric (Double)
Description	CTG Neuroticism 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.9936562	3.8140008	-1.77E-10	0.9998356...



Type	Numeric (Double)
Description	GSCAN Ever Smoked 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.3059053	4.513433	-4.1E-10	0.9998356...



Type	Numeric (Double)
Description	CTG Intelligence 2018

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.0671215	4.6447363	-2.17E-10	0.9998356...

#### PSDIABT2 - DIAGRAM\_Diabetes\_2012

Type	Numeric (Double)
Description	DIAGRAM Diabetes 2012

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.4078531	4.6811757	-1.33E-10	0.9998356...

#### PSWCSTD - GIANT\_WC

Type	Numeric (Double)
Description	GIANT WC

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.3628831	3.5197206	2.69E-10	0.9998356...

#### PSADAANR - PGC\_AlcDep\_2018\_AA\_NoRel

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 AA No Rel

Valid	Invalid	Minimum	Maximum	Mean	StdDev
1975	0	-3.6099329	3.2773216	9.65E-10	1E+0

#### PSMENARC - RepoGen\_Menarche\_2014

Type	Numeric (Double)
Description	Repo Gen Menarche 2014

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.6898525	4.2170019	-1.89E-10	0.9998356...

#### PSDBPSTD - ICBP\_DBP

Type	Numeric (Double)
Description	ICBP DBP

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.4179792	3.5970147	5.93E-10	0.9998356...

#### PSDPW2 - GSCAN\_DPW\_2019

Type	Numeric (Double)
Description	GSCAN DPW 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.8991261	3.6613426	-4.65E-10	0.9998356...

#### 

Type	Numeric (Double)
Description	IGAP AD 2013

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.0387135	3.4905732	-2.9E-10	0.9998356...

#### 

Type	Numeric (Double)
Description	CTG Insomnia 2019 Dozing

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.9420581	3.8774166	-8.48E-10	0.9998356...

#### 

Type	Numeric (Double)
Description	SSGAC Risk 2019 NSP

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.1560645	3.6804054	3.77E-10	0.9998356...

#### 

Type	Numeric (Double)
Description	SSGAC EDU 2016

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.4067049	4.2281504	-2.84E-11	0.9998356...

#### 

Type	Numeric (Double)
Description	CTG Insomnia 2019 Morning

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-3.5757303	3.9667819	-1.69E-10	0.9998356...

#### 

Type	Numeric (Double)
Description	GSCAN Stop Smk 2019

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.1419477	3.574147	5.76E-10	0.9998356...

 PSNAPPNG - CTG\_Insomnia\_2019\_Napping

Type	Numeric (Double)
Description	CTG Insomnia 2019 Napping

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.4158549	3.4393451	1.76E-10	0.9998356...

 PSAFBSTD - SocioGen\_AFB\_2016

Type	Numeric (Double)
Description	Socio Gen AFB 2016

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.0401912	4.0449209	-7.57E-10	0.9998356...

 PSLONELY - PGC\_Social\_2018\_Lonely

Type	Numeric (Double)
Description	PGC Social 2018 Lonely

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-4.4104271	3.8934937	1.74E-10	0.9998356...

 PSPTSDEA - PGC\_PTSD\_2018\_EA

Type	Numeric (Double)
Description	PGC PTSD 2018 EA

			Frequency
Missing	.	missing	3399

Valid	Invalid
0	3399

 PSADEA - PGC\_AlcDep\_2018\_EA

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 EA

			Frequency
Missing	.	missing	3399

Valid	Invalid
0	3399

 PSADEANR - PGC\_AlcDep\_2018\_EA\_NoRel

Type	Numeric (Double)
Description	PGC Alcohol Dependence 2018 EA No Rel

			Frequency
Missing	.	missing	3399

Valid	Invalid
0	3399

#### PSPC1 - Principal component 1

Type	Numeric (Double)
Description	Principal Component 1

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.75045502	0.36444101	-5.97E-7	0.0215008...

#### PSPC2 - Principal component 2

Type	Numeric (Double)
Description	Principal Component 2

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.36500499	0.768758	1.12E-6	0.0214416...

#### PSPC3 - Principal component 3

Type	Numeric (Double)
Description	Principal Component 3

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.691971	0.092295602	1.78E-6	0.0229365...

#### PSPC4 - Principal component 4

Type	Numeric (Double)
Description	Principal Component 4

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.447559	0.651012	3.96E-7	0.0212014...

#### PSPC5 - Principal component 5

Type	Numeric (Double)
Description	Principal Component 5

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.21810199	0.26438501	1.91E-6	0.0225203...

#### PSPC6 - Principal component 6

Type	Numeric (Double)
Description	Principal Component 6

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.745646	0.563923	2.51E-7	0.0211469...

#### PSPC7 - Principal component 7

Type	Numeric (Double)
Description	Principal Component 7

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.64249599	0.68146098	3.56E-7	0.0211229...

#### PSPC8 - Principal component 8

Type	Numeric (Double)
Description	Principal Component 8

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.68448198	0.51667899	-8.86E-7	0.0211420...

#### PSPC9 - Principal component 9

Type	Numeric (Double)
Description	Principal Component 9

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.85806298	0.47616899	-2.84E-6	0.0211354...

#### PSPC10 - Principal component 10

Type	Numeric (Double)
Description	Principal Component 10

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.65149802	0.820342	1.1E-7	0.0211394...

#### PSPC11 - Principal component 11

Type	Numeric (Double)
Description	Principal Component 11

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.50272	0.77649599	1.79E-6	0.0211239...

#### PSPC12 - Principal component 12

Type	Numeric (Double)
Description	Principal Component 12

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.57504499	0.55496299	-1.36E-7	0.0211381...

 PSPC13 - Principal component 13

Type	Numeric (Double)
Description	Principal Component 13

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.63001299	0.62010401	-9.6E-7	0.0211112...

 PSPC14 - Principal component 14

Type	Numeric (Double)
Description	Principal Component 14

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.509363	0.85926503	-1.32E-6	0.0211527...

 PSPC15 - Principal component 15

Type	Numeric (Double)
Description	Principal Component 15

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.50296402	0.55198699	1.38E-6	0.0211551...

 PSPC16 - Principal component 16

Type	Numeric (Double)
Description	Principal Component 16

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.89614201	0.65704203	-1.56E-6	0.0211242...

 PSPC17 - Principal component 17

Type	Numeric (Double)
Description	Principal Component 17

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.49781299	0.77998	6.54E-7	0.0211197...

 PSPC18 - Principal component 18

Type	Numeric (Double)
Description	Principal Component 18

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.88875097	0.39566001	1.01E-7	0.0211118...

 PSPC19 - Principal component 19

Type	Numeric (Double)
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Description	Principal Component 19
-------------	------------------------

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.49646801	0.590159	3.09E-7	0.0211147...

### PSPC20 - Principal component 20

Type	Numeric (Double)
Description	Principal Component 20

Valid	Invalid	Minimum	Maximum	Mean	StdDev
9130	0	-0.65224302	0.621315	8.3E-7	0.0211301...

### PSANCEST - AH genetic ancest: 0=Euro, 1=Afrcn

Type	Code
Measurement Unit	Text
Description	Add Health Genetic Ancestry

			Frequency	% of total	% of valid
Valid	African ancestry	African ancestry	1975	21.63%	21.63%
	East Asian ancest	East Asian ancestry	437	4.79%	4.79%
	European ancestry	European ancestry	5731	62.77%	62.77%
	Hispanic ancestry	Hispanic ancestry	987	10.81%	10.81%
		Total	9,130	100%	100%

Valid	Invalid
9130	0

### PSRACE - RACE-5 CATEGORIES

Type	Code
Measurement Unit	Text
Description	Race Five Categories

			Frequency	% of total	% of valid
Valid	Asian	Asian	449	4.92%	4.92%
	Hispanic	Hispanic	963	10.55%	10.55%
	Nat. Am.	Native American	22	0.24%	0.24%
	NHB	Non-Hispanic Black	1939	21.24%	21.24%
	NHW	Non-Hispanic White	5755	63.03%	63.03%



		Total	9,130	100%	100%
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Valid	Invalid
9130	0

## Wave IV Polygenic Scores – SSGAC

### Title

Wave IV Polygenic Scores – SSGAC

### Abstract

Polygenic scores (PGS) constructed by the Social Science Genetic Association Consortium (SSGAC) are available for Add Health respondents who provided archival saliva samples for genetic testing at Wave IV. This data file contains educational attainment, cognitive performance, depression, neuroticism, and subjective well-being scores based on standard GWAS summary statistics and multilevel analysis (2 scores for each construct). Additional multivariate analysis scores for highest level math taken and math ability are also included.

Variables: 23

Observations: 5,690

### Variables

#### Wave IV Polygenic Scores – SSGAC

- [SPGSEA3G - EDUCATIONAL ATTAINMENT, SSGAC GWAS](#)
- [SPGSEA3M - EDUCATIONAL ATTAINMENT, SSGAC MTAG](#)
- [SPGSCPG - COGNITIVE PERFORMANCE, SSGAC GWAS](#)
- [SPGSCPM - COGNITIVE PERFORMANCE, SSGAC MTAG](#)
- [SPGSHMM - HIGHEST-LEVEL MATH TAKEN, SSGAC MTAG](#)
- [SPGSMAM - SELF-REPORTED MATH ABILITY, SSGAC MTAG](#)
- [SPGSDEPG - DEPRESSION, SSGAC, GWAS](#)
- [SPGSDEPM - DEPRESSION, SSGAC MTAG](#)
- [SPGSNEUG - NEUROTICISM, SSGAC GWAS](#)
- [SPGSNEUM - NEUROTICISM, SSGAC MTAG](#)
- [SPGSSWBG - SUBJECTIVE WELL-BEING, SSGAC GWAS](#)
- [SPGSSWBM - SUBJECTIVE WELL-BEING, SSGAC MTAG](#)
- [SPGSPC1 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH](#)
- [SPGSPC2 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH](#)
- [SPGSPC3 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH](#)
- [SPGSPC4 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH](#)
- [SPGSPC5 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH](#)
- [SPGSPC6 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH](#)

- [SPGSPC7 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH](#)
- [SPGSPC8 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH](#)
- [SPGSPC9 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH](#)
- [SPGSPC10 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH](#)

 SPGSEA3G - EDUCATIONAL ATTAINMENT, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for educational attainment, obtained using standard GWAS results

 SPGSEA3M - EDUCATIONAL ATTAINMENT, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for educational attainment, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

 SPGSCPG - COGNITIVE PERFORMANCE, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for cognitive performance, obtained using standard GWAS results

 SPGSCPM - COGNITIVE PERFORMANCE, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for cognitive performance, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

 SPGSHMM - HIGHEST-LEVEL MATH TAKEN, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for highest-level math class taken, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

 SPGSMAM - SELF-REPORTED MATH ABILITY, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for self-reported math ability, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

 SPGSDEPG - DEPRESSION, SSGAC, GWAS

Type	Numeric (Double)
Description	Polygenic score for depression, obtained using standard GWAS results

#### SPGSDEPM - DEPRESSION, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for depression, obtained using multivariate analysis of depression, neuroticism and subjective well-being

#### SPGSNEUG - NEUROTICISM, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for neuroticism, obtained using standard GWAS results

#### SPGSNEUM - NEUROTICISM, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for neuroticism, obtained using multivariate analysis of depression, neuroticism and subjective well-being

#### SPGSSWBG - SUBJECTIVE WELL-BEING, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for subjective well-being, obtained using standard GWAS results

#### SPGSSWBM - SUBJECTIVE WELL-BEING, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for subjective well-being, obtained using multivariate analysis of depression, neuroticism and subjective well-being

#### SPGSPC1 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

#### SPGSPC2 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

#### SPGSPC3 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

 SPGSPC4 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

 SPGSPC5 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

 SPGSPC6 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

 SPGSPC7 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

 SPGSPC8 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

 SPGSPC9 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

 SPGSPC10 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

## Logical Products

### Wave IV Polygenic Scores – SSGAC

#### Data Layouts

### Wave IV Polygenic Scores – SSGAC

#### Wave IV Polygenic Scores – SSGAC

### SPGSEA3G - EDUCATIONAL ATTAINMENT, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for educational attainment, obtained using standard GWAS results

### SPGSEA3M - EDUCATIONAL ATTAINMENT, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for educational attainment, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

### SPGSCPG - COGNITIVE PERFORMANCE, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for cognitive performance, obtained using standard GWAS results

### SPGSCPM - COGNITIVE PERFORMANCE, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for cognitive performance, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

### SPGSHMM - HIGHEST-LEVEL MATH TAKEN, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for highest-level math class taken, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

### SPGSMAM - SELF-REPORTED MATH ABILITY, SSGAC MTAG

Type	Numeric (Double)
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Description	Polygenic score for self-reported math ability, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken
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 SPGSDEPG - DEPRESSION, SSGAC, GWAS

Type	Numeric (Double)
Description	Polygenic score for depression, obtained using standard GWAS results

 SPGSDEPM - DEPRESSION, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for depression, obtained using multivariate analysis of depression, neuroticism and subjective well-being

 SPGSNEUG - NEUROTICISM, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for neuroticism, obtained using standard GWAS results

 SPGSNEUM - NEUROTICISM, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for neuroticism, obtained using multivariate analysis of depression, neuroticism and subjective well-being

 SPGSSWBG - SUBJECTIVE WELL-BEING, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for subjective well-being, obtained using standard GWAS results

 SPGSSWBM - SUBJECTIVE WELL-BEING, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for subjective well-being, obtained using multivariate analysis of depression, neuroticism and subjective well-being

 SPGSPC1 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

 SPGSPC2 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

 SPGSPC3 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

 SPGSPC4 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

 SPGSPC5 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

 SPGSPC6 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

 SPGSPC7 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

 SPGSPC8 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

 SPGSPC9 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

 SPGSPC10 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

## Physical Instances

 Wave IV Polygenic Scores – SSGAC

Title	Wave IV Polygenic Scores – SSGAC
File Name	ssgacpgs.sas7bdat
Case Quantity	5690
Variable Count	22

 SPGSEA3G - EDUCATIONAL ATTAINMENT, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for educational attainment, obtained using standard GWAS results

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.30494	0.74812	0.2028727...	0.1487078...

 SPGSEA3M - EDUCATIONAL ATTAINMENT, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for educational attainment, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.26512	0.92896	0.2965658...	0.1635296...

 SPGSCPG - COGNITIVE PERFORMANCE, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for cognitive performance, obtained using standard GWAS results

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.38431	0.78524	0.2199662...	0.1609762...

 SPGSCPM - COGNITIVE PERFORMANCE, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for cognitive performance, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.43285	1.2357	0.4093559...	0.2306889...



 SPGSHMM - HIGHEST-LEVEL MATH TAKEN, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for highest-level math class taken, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.66943	1.20904	0.2839547...	0.2443992...

 SPGSMAM - SELF-REPORTED MATH ABILITY, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for self-reported math ability, obtained using multivariate analysis of educational attainment, cognitive performance, self-reported math ability and highest-level math class taken

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.57515	0.79868	0.1180859...	0.1785788...

 SPGSDEPG - DEPRESSION, SSGAC, GWAS

Type	Numeric (Double)
Description	Polygenic score for depression, obtained using standard GWAS results

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.25682	0.25604	-0.004030...	0.0699085...

 SPGSDEPM - DEPRESSION, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for depression, obtained using multivariate analysis of depression, neuroticism and subjective well-being

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.27669	0.31887	0.0186877...	0.0817165...

 SPGSNEUG - NEUROTICISM, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for neuroticism, obtained using standard GWAS results

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.14269	0.34431	0.0848812...	0.0693552...

 SPGSNEUM - NEUROTICISM, SSGAC MTAG

Type	Numeric (Double)
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Description	Polygenic score for neuroticism, obtained using multivariate analysis of depression, neuroticism and subjective well-being
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.28326	0.47736	0.0790737...	0.1014335...

#### SPGSSWBG - SUBJECTIVE WELL-BEING, SSGAC GWAS

Type	Numeric (Double)
Description	Polygenic score for subjective well-being, obtained using standard GWAS results

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.17925	0.20351	-0.001762...	0.0498652...

#### SPGSSWBM - SUBJECTIVE WELL-BEING, SSGAC MTAG

Type	Numeric (Double)
Description	Polygenic score for subjective well-being, obtained using multivariate analysis of depression, neuroticism and subjective well-being

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.27483	0.2409	-0.020514...	0.0689737...

#### SPGSPC1 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.54918	0.08156	4.39E-8	0.0132580...

#### SPGSPC2 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.53131	0.24787	1.58E-8	0.0132580...

#### SPGSPC3 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.02088	0.10643	2.64E-8	0.0132581...

#### SPGSPC4 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
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Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5
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Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.51954	0.18045	2.99E-8	0.0132581...

#### SPGSPC5 - RANDOMIZED PCS, SSGAC 1ST THRU 5TH

Type	Numeric (Double)
Description	Randomized PC, include PC1-PC5 in analyses that use any PC from PC1 to PC5

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.17196	0.4292	3.51E-9	0.0132580...

#### SPGSPC6 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.56317	0.12763	-3.69E-8	0.0132580...

#### SPGSPC7 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.25331	0.49432	-4.92E-8	0.0132582...

#### SPGSPC8 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.44707	0.08937	-5.27E-8	0.0132581...

#### SPGSPC9 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.08975	0.54489	4.39E-8	0.0132581...

#### SPGSPC10 - RANDOMIZED PCS, SSGAC 6TH THRU 10TH

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Type	Numeric (Double)
Description	Randomized PC, include PC6-PC10 in analyses that use any PC from PC6 to PC10

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5690	0	-0.2777	0.10967	-4.92E-8	0.0132582...