

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

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GRS_EDU - WGT SUM EDU ASSOCIATED ALLELES, W4

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Physical Instances

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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
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1886	0	-2.18E-5	2.39E-5	-1.89E-6	7.04E-6
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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