

Understanding Society User Support - Support #880

Genetic data linked to NPD

11/15/2017 04:13 PM - Michelle Luciano

Status:	Closed	Start date:	11/15/2017
Priority:	Normal	% Done:	100%
Assignee:	Michelle Luciano		
Category:	Biomarkers and Genetics		
Description			
Is genetic data available for individuals with linked National Pupil Database Wave 1 data, if so, what is the sample size? Thanks, michelle			

History

#1 - 11/20/2017 10:14 AM - Stephanie Auty

- Status changed from New to In Progress
- % Done changed from 0 to 10
- Private changed from Yes to No

Many thanks for your enquiry. The Understanding Society team is looking into it and we will get back to you as soon as we can.

Best wishes,
Stephanie Auty - Understanding Society User Support Office

#2 - 11/20/2017 10:31 AM - Stephanie Auty

- Category set to Biomarkers and Genetics
- Assignee set to Stephanie Auty
- Target version set to M1

#3 - 12/04/2017 09:11 PM - Stephanie Auty

- Status changed from In Progress to Feedback
- % Done changed from 10 to 70

Dear Michelle,

I have spoken with the teams responsible for both the NPD and genetic datasets. The genetic data requires a MetaDAC application, and the DfE may not be willing to allow linkage to genetic data, or at least an application would have to go to a special committee. The NPD data is only available for those born since 1981, who consented and were able to be matched.

This post gives an idea of the percentage match rate: <https://www.understandingsociety.ac.uk/2015/02/11/release-of-education-data>.

This frequency table shows the respondents' ages at the time of the nurse visit:
https://www.understandingsociety.ac.uk/documentation/health-assessment/dataset-documentation/wave/xwave/datafile/xindresp_ns/variable/confage

Given these parameters, we think that the sample size will be too low make it worth going through the application processes.

Best wishes,
Stephanie Auty - Understanding Society User Support Office

#4 - 12/04/2017 09:17 PM - Stephanie Auty

- Assignee changed from Stephanie Auty to Michelle Luciano

#5 - 12/05/2017 12:40 PM - Stephanie Auty

- Assignee changed from Michelle Luciano to Stephanie Auty

From: LUCIANO Michelle [mailto:michelle.luciano@ed.ac.uk]
Sent: 04 December 2017 22:47
To: usersupport@understandingsociety.ac.uk
Subject: Re: [Understanding Society User Support - Support #880] (Feedback) Genetic data linked to NPD

Hi Stephanie,

Given that I wish to calculate polygenic scores, a sample of a couple of hundred would be worthwhile. But it wasn't clear from those tables whether the overlap is that large. Is there a field that I could search to get this information?

Many thanks,
Michelle

#6 - 12/08/2017 11:50 AM - Stephanie Auty

- Assignee changed from Stephanie Auty to Michelle Luciano

Dear Michelle,

The sample size is different for each of the outcomes we have (e.g. test scores at end of primary school, GCESs etc). Can you tell us which you are interested in?

Best wishes,
Stephanie Auty - Understanding Society User Support Officer

#7 - 02/12/2018 12:33 PM - Alita Nandi

- Status changed from Feedback to Resolved

- % Done changed from 70 to 90

#8 - 03/07/2018 05:44 PM - Stephanie Auty

- Status changed from Resolved to Closed

- % Done changed from 90 to 100