Born in Bradford Data Dictionary

MeDALL Skinprick Data

Contents

Background

This document is a data dictionary for MeDALL Skinprick Data. It describes 30 variables from 2 sources. This document was built from Born in Bradford database version BUILD-JAN2018.

Born in Bradford

Born in Bradford is a longitudinal multi-ethnic birth cohort study aiming to examine the impact of environmental, psychological and genetic factors on maternal and child health and wellbeing. Bradford is a city in the North of England with high levels of socio-economic deprivation and ethnic diversity. Women were recruited at the Bradford Royal Infirmary at 26-28 weeks gestation. For those consenting, a baseline questionnaire was completed. The full BiB cohort recruited 12,453 women and 3353 of their partners across 13,776 pregnancies and 13,858 children between 2007 and 2010. The cohort is broadly characteristic of the city's maternal population. Mean age of the mothers at study recruitment was 27 years old. Researchers are looking at the links between the circumstances of a child's birth, the context in which they grow up, their health and well-being and their educational progress. Ethical approval for the data collection was granted by Bradford Research Ethics Committee (Ref 07/H1302/112).

Study identifiers

Study identifiers are standardised across Born in Bradford data sources to enable linking of data from different sources.

Variable	Variable Label	Details
ChildID	BiB Child ID	Unique ID assigned to each child at birth. Where birth outcome is unknown for a given pregnancy, ChlidID will be blank and there is no child recruited to the study from that pregnancy. Use MotherID with ChildID to link siblings together. Note that twins have separate ChildIDs but the same PregnancyID.
FatherID	BiB Father ID	Unique ID assigned to partners post-recruitment. Use FatherID with PregnancyID to link fathers across pregnancies. Where FatherID matches across two PregnancyIDs, but those PregnancyIDs are associated with different MotherIDs, this is a father with two separate pregnancies in the cohort with different mothers. Likewise, where MotherID matches across two PregnancyIDs, but those PregnancyIDs are associated with different FatherIDs, this is a mother with two separate pregnancies in the cohort with different fathers.
MotherID	BiB Mother ID	Unique ID assigned to each mother post-recruitment. MotherID should be used when looking for pregnancies or children associated with the same mother. Data collected at pregnancy level will duplicate for MotherIDs that are in the study for more than one pregnancy.
PregnancyID	BiB Pregnancy ID	Unique ID assigned to each mother at recruitment. It is named PregnancyID because a mother can enrol for more than one pregnancy. If a mother returns to enrol for a second or third pregnancy, she is assigned a new PregnancyID. Children and partners from that pregnancy can be linked to the mother by the PregnancyID

MeDALL skin prick

Database ID for source: `medskp`

This source is measured at the **child** level. It contains data from 2269 children with one observation per child. There are 18 variables with a total of 2269 observations. 3 variables are sensitive or potentially disclosive and will be hidden from standard data packages. These are marked as *Hidden*, below.

Description

MeDALL child skin prick test results.

Variable	Variable Label	Details
agecm_medskp	Child age (months): MeDALL skin prick	Administrative: Integer value ——————— Child age in months at data capture date for source: MeDALL skin prick ——————— Range 47 to 64 Mean 53.70 2269 non-missing values
agecy_medskp	Child age (years): MeDALL skin prick	Administrative: Integer value ——————— Child age in years at data capture date for source: MeDALL skin prick ——————— Range 3 to 5 Mean 4.03 2269 non-missing values
date_medskp	Date: MeDALL skin prick	*[Hidden]* Administrative: Date value ——————— Data capture date for source: MeDALL skin prick ——————— Range 2012-10-22 to 2015-06-15 2269 non-missing values
day_medskp	BiB day: MeDALL skin prick	*[Hidden]* Administrative: Integer value ——————— Data capture date in days from BiB start for source: MeDALL skin prick ——————— Range 2054 to 3020 Mean 2509.63 2269 non-missing values

Variable	Variable Label	Details
dayc_medskp	Child cohort days: MeDALL skin prick	*[Hidden]* Administrative: Integer value
		Child days from cohort start (Birth) to data capture date for source: MeDALL skin prick
		Range 1450 to 1961 Mean 1649.50 2269 non-missing values
medspassessor	MeDALL skin prick assessor	Research Clinic: Categorical value
		2269 non-missing values
		Coding [medskpmed_sp_assessor]: 1 = Assessor01 2 = Assessor02 3 = Assessor03 4 = Assessor04 5 = Assessor05 6 = Assessor06 7 = Assessor07 8 = Assessor08 9 = Assessor09 10 = Assessor10 11 = Assessor11 12 = Assessor12 13 = Assessor13 14 = Assessor14 15 = Unkown
medspatopy2mm	MeDALL skin prick atopy indicator: at least one weal >=2mm	Research Clinic: Continuous value
		Range 0 to 1 Mean 0.26 2253 non-missing values
medspatopy3mm	MeDALL skin prick atopy indicator: at least one weal >=3mm	Research Clinic: Continuous value
		Range 0 to 1 Mean 0.22 2253 non-missing values
medspbadnegcont	MeDALL skin prick BAD NEGATIVE CONTROL >=1mm	Research Clinic: Continuous value
		Range 0 to 1 Mean 0.00 2269 non-missing values

Variable	Variable Label	Details
medspbadposcont	MeDALL skin prick BAD POSITIVE CONTROL <=0mm	Research Clinic: Continuous value <hr> Range 0 to 1 Mean 0.00 2269 non-missing values
medspcat	MeDALL skin prick cat weal mean diameter C	Research Clinic: Continuous value <hr> Range 0 to 8.5 Mean 0.15 2253 non-missing values
medspdblcode	MeDALL skin prick has been double coded	Research Clinic: Categorical value <hr> 2269 non-missing values <hr> Coding [medskpmed_sp_dblcode]: 1 = no 2 = yes
medspdog	MeDALL skin prick dog weal mean diameter D	Research Clinic: Continuous value <hr> Range 0 to 5.5 Mean 0.06 2253 non-missing values
medspgrassmix	MeDALL skin prick grass mix weal mean diameter G	Research Clinic: Continuous value <hr> Range 0 to 11 Mean 0.37 2253 non-missing values
medspmitedfarim2	MeDALL skin prick mite d. farinae M2	Research Clinic: Continuous value <hr> Range 0 to 12 Mean 0.74 2253 non-missing values
medspmitedpterm1	MeDALL skin prick mite d. pteronyssinus M1	Research Clinic: Continuous value <hr> Range 0 to 12.25 Mean 0.91 2253 non-missing values
medspnegcont	MeDALL skin prick negative control mean diameter	Research Clinic: Continuous value <hr> Range 0 to 4 Mean 0.01 2268 non-missing values

Variable	Variable Label	Details
medspposcont	MeDALL skin prick positive control mean diameter	Research Clinic: Continuous value
		Range 0 to 13 Mean 3.61 2269 non-missing values

MeDALL skin prick QC

Database ID for source: `medspc`

This source is measured at the **child** level. It contains data from 228 children with one observation per child. There are 12 variables with a total of 228 observations.

Description

MeDALL child skin prick test QC double coding results.

Variable	Variable Label	Details
medspdblassessor	MeDALL skin prick double code assessor	Research Clinic: Categorical value
		228 non-missing values
		Coding [`medspcmed_sp_assessor`]: 1 = Assessor03
medspdblatopy2mm	MeDALL skin prick double code atopy indicator: at least one weal >=2mm	Research Clinic: Continuous value
		Range 0 to 1 Mean 0.28 225 non-missing values
medspdblatopy3mm	MeDALL skin prick double code atopy indicator: at least one weal >=3mm	Research Clinic: Continuous value
		Range 0 to 1 Mean 0.23 225 non-missing values
medspdblbadnegcont	MeDALL skin prick double code BAD NEGATIVE CONTROL >=1mm	Research Clinic: Continuous value
		Range 0 to 1 Mean 0.00 228 non-missing values
medspdblbadposcont	MeDALL skin prick double code BAD POSITIVE CONTROL <=0mm	Research Clinic: Continuous value
		Range 0 to 1 Mean 0.01 228 non-missing values
medspdblcat	MeDALL skin prick double code cat weal mean diameter C	Research Clinic: Continuous value
		Range 0 to 6 Mean 0.20 225 non-missing values

Variable	Variable Label	Details
medspdbldog	MeDALL skin prick double code dog weal mean diameter D	Research Clinic: Continuous value ——— Range 0 to 6 Mean 0.11 225 non-missing values
medspdblgrassmix	MeDALL skin prick double code grass mix weal mean diameter G	Research Clinic: Continuous value ——— Range 0 to 7 Mean 0.54 225 non-missing values
medspdblmitedfarim2	MeDALL skin prick double code mite d. farinae M2	Research Clinic: Continuous value ——— Range 0 to 8.25 Mean 0.75 225 non-missing values
medspdblmitedpterm1	MeDALL skin prick double code mite d. pteronyssinus M1	Research Clinic: Continuous value ——— Range 0 to 11 Mean 1.01 224 non-missing values
medspdblnegcont	MeDALL skin prick double code negative control mean diameter	Research Clinic: Continuous value ——— Range 0 to 1.75 Mean 0.01 228 non-missing values
medspdblposcont	MeDALL skin prick double code positive control mean diameter	Research Clinic: Continuous value ——— Range 0 to 9.25 Mean 3.64 228 non-missing values