

**S1 Table. Cohort-specific methods of data collection for parental smoking, birth outcomes and childhood BMI**

<b>Cohort name, number of participants, birth years (country)</b>	<b>Maternal smoking</b>	<b>Paternal smoking</b>	<b>Gestational age at birth</b>	<b>Birth weight</b>	<b>Childhood weight and height</b>
ABCD, n=7,324, 2003-2004 (The Netherlands)	Self-reported	NA	Clinical records	Clinical records	Measured
ALSPAC, n=12,148, 1991-1992 (United Kingdom)	Self-reported	Self-reported	Clinical records	Measured	Measured
BAMSE, n=4,057, 1994-1996 (Sweden)	Self-reported	Self-reported	Medical Birth Registry	Medical Birth Registry	Measured
BIB, n=1,641, 2007-2010 (United Kingdom)	Self-reported	NA	Clinical records	Clinical records	NA
Co.N.ER, n=641, 2004-2005 (Italy)	Self-reported	Self-reported	Self-reported	Clinical records	Self-reported
DNBC, n=71,710, 1996-2002 (Denmark)	Self-reported	Self-reported	Self-reported or National Medical Birth Registry	National Medical Birth Registry	Self-reported or measured
EDEN, n=1,880, 2003-2005 (France)	Self-reported	Self-reported	Clinical records	Clinical records	Measured or clinical records
FCOU, n=4,003, 1993-1996 (Ukraine)	Self-reported	Self-reported	NA	Clinical records	Clinical records
GASPII, n=680 (Italy)	Self-reported	Self-reported	Clinical records	Clinical records	Measured
GENERATION R, 7,934, 2002-2006 (The Netherlands)	Self-reported	Self-reported	Clinical records	Clinical records	Measured
GENERATION XXI, n=7,541, 2005-2006 (Portugal)	Self-reported	NA	Clinical records	Clinical records	Measured
GENESIS, n=2,261, 2003-2004 (Greece)	Self-reported	NA	Clinical records	Clinical records	Measured
GINIplus, n=2,086, 1995-1998 (Germany)	Self-reported	NA	NA	NA	Clinical records at 4y, measured and self-reported at 10 and 15y
HUMIS, n=986, 2002-2009 (Norway)	Self-reported	NA	Clinical records	Clinical records	Self-reported
INMA, n=2,406, 1997-2008 (Spain)	Self-reported	Self-reported	Clinical records	Clinical records	Measured
KOALA, n=2,800, 2000-2002 (The Netherlands)	Self-reported	NA	Clinical records	Clinical records	Reported
LISAplus, n=1,965, 1997-1999 (Germany)	Self-reported	Self-reported	NA	NA	Clinical records at 4y, measured and self-reported at 10 and 15y
LUKAS, n=441, 2002-2005 (Finland)	Self-reported	NA	NA	Clinical records	Self-reported
MoBa, n=80,116, 1999-2009 (Norway)	Self-reported	Self-reported	Clinical records	Clinical records	Self-reported

NINFEA, n=2,259, 2005-2010 (Italy)	Self-reported	NA	Self-reported	Self-reported	Self-reported
PÉLAGIE, n=1,494, 2002-2005 (France)	Self-reported	Self-reported	Clinical records	Clinical records	NA
Piccolipiù, n=3,292, 2011-2015 (Italy)	Self-reported	Self-reported	Clinical records	Clinical records	NA
PRIDE Study, n=1,616, 2011-2015 (The Netherlands)	Self-reported	NA	Self-reported or clinical records	Self-reported or clinical records	NA
Project Viva, n=2,001, 1999-2002 (United States)	Self-reported	NA	Self-reported or clinical records	Clinical records	Measured
REPRO_PL, n=1,434, 2007-2011 (Poland)	Self-reported	Self-reported	Clinical records	Clinical records	Measured
RHEA, n=651, 2007-2008 (Greece)	Self-reported	Self-reported	Self-reported or clinical records	Clinical records	NA
SCOPE BASELINE, n=1,216, 2009-2011 (Ireland)	Self-reported	Self-reported	Measured	Measured	NA
SWS, n=2,716, 1998-2007 (United Kingdom)	Self-reported	NA	Measured	Clinical records	Measured

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NA: Not available or not applicable. BMI, body mass index.