

Supplementary Online Content

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eReferences.

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Study Characteristics, IQ of EP/VP Born and Full-Term Born Children, and Demographic and Perinatal Characteristics of the EP/VP Born Sample.

Study	Birth year ^a	Test	Study quality	EP/VP born		FT born		Age at assessment, <i>M</i> (<i>SD</i>)
				IQ, <i>M</i> (<i>SD</i>)	<i>n</i>	IQ, <i>M</i> (<i>SD</i>)	<i>n</i>	
Aarnoudse-Moens (2009) ¹	1998	WPPSI	5	92.5 (17.5)	50	109.2 (19.2)	50	5.9 (0.4)
Aarnoudse-Moens (2013) ²	2000	WPPSI/WISC TIQ	5	93.3 (15.8)	200	105.0 (13.4)	230	8.2 (2.5)
Bayless (2007) ³	1993	WISC TIQ	3	98.4 (11.2)	40	107.1 (12.3)	41	8.4 (3.8)
Brecht (2015) ⁴	1997	WISC TIQ	4	98.4 (14.8)	42	109.0 (8.1)	24	14.3 (0.15)
Campbell (2015) ⁵	NA	WISC TIQ	2	95.5 (10.7)	32	107.0 (12.5)	40	7.1 (0.2)
Conrad (2010) ⁶	1994	WISC TIQ	5	104.0 (15.4)	49	110.4 (15.1)	55	12.1 (1.7)
Constable (2013) ⁷	1990	WISC TIQ	3	91.7 (12.4)	19	100.4 (18.7)	19	20.1 (0.9)
Crotty (2012) ⁸	2000	DAS	4	99.0 (14.1)	120	117.1 (12.8)	108	6.5 (0.6)
Damm (2015) ⁹	2005	KABC	5	89.6 (13.9)	226	98.1 (12.2)	305	5 (NA)
De Amorim (2013) ¹⁰	1999	WISC TIQ	5	96.3 (12.1)	22	109.9 (9.6)	22	7.3 (0.3)
De Kieviet (2012) ¹¹	2002	WISC TIQ	5	96.6 (17.6)	66	105.8 (14.4)	66	7.5 (0.4)
Delane (2016) ¹²	NA	WISC TIQ	4	93.4 (13.8)	77	110.1 (13.9)	74	7.2 (0.4)
Feng (2011) ¹³	2004	WPPSI TIQ	3	104.0 (19.0)	20	122.0 (11.0)	41	5.3 (0.6)
Fjortoft (2015) ¹⁴	2000	WISC TIQ	6	88.0 (18.1) ^b	38	107.0 (12.8)	31	10.4 (0.8)
Ford (2016) ¹⁵	1991	WISC TIQ	2	10.4 (2.9) ^c	35	11.6 (2.6) ^c	37	8.4 (NA)
Frye (2010) ¹⁶	NA	SB TIQ	3	90.9 (10.2)	19	95.4 (10.0)	14	15.8 (0.6)
Geldof (2014) ¹⁷	2004	WPPSI VIQ, PIQ	5	97.8 (15.0)	116	108.2 (15.2)	73	5.5 (0.1)
Georgsdottir (2012) ¹⁸	1993	WPPSI TIQ	4	94.0 (12.0)	32	110.0 (12.0)	55	5.0 (NA)
Guarini (2009) ¹⁹	1999	KBIT	3	93.7 (11.5)	70	96.7 (11.4)	34	6.1 (0.3)
Guarini (2014) ²⁰	1997	KBIT	3	103.1 (12.9)	84	106.5 (9.4)	26	8.0 (0.3)
Guarini (2016) ²¹	2007	Raven	5	15.2 (3.4)	60	19.3 (5.0)	60	5.3 (0.3)
Hagmann-Von Arx (2014) ²²	2003	WISC TIQ	4	104.1 (14.1)	58	111.9 (13.8)	55	8.2 (1.3)
Hansen (2004) ²³	1994	WPPSI TIQ	6	99.6 (15.5)	252	107.3 (11.4)	76	5.1 (0.2)
Harvey (1999) ²⁴	1990	PPVT	3	93.9 (15.0)	30	104.1 (11.0)	50	5.2 (0.3)
Hellgren (2009) ²⁵	NA	WISC PIQ	5	87.0 (20.0)	59	99.0 (16.0)	55	15.5 (0.5)
Holsti (2016) ²⁶	1995	WISC TIQ	6	80.3 (18.7)	132	104.6 (15.7)	103	12.0 (1.7)
Howe (2011) ²⁷	2008	WPPSI TIQ	2	88.8 (16.0)	160	107.9 (13.7)	124	5.0 (0.4)
Hutchinson (2013) ²⁸	1997	WISC TIQ	7	93.1 (16.1)	189	105.6 (12.4)	173	8.5 (0.4)
Johnson (2005) ²⁹	1991	BAS	7	101.1 (15.2)	187	107.2 (13.4)	66	5.0 (NA)
Johnson (2009) ³⁰	1995	KABC	6	83.7 (18.0)	219	104.1 (11.1)	153	10.9 (0.4)
Kallankari (2015) ³¹	2000	WISC TIQ	6	8.7 (2.5) ^c	77	10.6 (2.8) ^c	27	9.0 (0.2)
Larroque (2008) ³²	1997	KABC	6	93.7 (19.3)	1817	106.4 (17.8)	396	5.0 (NA)
Lax (2013) ³³	NA	WISC TIQ	2	101.1 (13.5)	25	117.5 (14.7)	32	8.7 (0.9)
Leijon (2015) ³⁴	1998	WISC TIQ	6	16.9 (8.0) ^c	51	26.4 (7.7) ^c	51	7.8 (0.4)
Linden (2015) ³⁵	2002	WISC TIQ	4	100.7 (13.7)	100	110.6 (12.0)	50	7.0 (NA)

eTable. Study Characteristics, IQ of EP/VP Born and Full-Term Born Children, and Demographic and Perinatal Characteristics of the EP/VP Born Sample. (continued)

Study	Birth year ^a	Test	Study quality	EP/VP born		FT born		Age at assessment, M (SD)
				IQ, M (SD)	n	IQ, M (SD)	n	
Linhares (2005) ³⁶	NA	Raven	4	37.0 (24.0)	20	62.8 (24.3)	20	8.8 (NA)
Litt (2012) ³⁷	1993	WASI TIQ	6	87.1 (18.9)	181	96.4 (13.4)	115	14.8 (NA)
Løhaugen (2011) ³⁸	1992	WISC TIQ	4	78.0 (13.0)	16	100.0 (12.0)	19	14.1 (0.6)
Martinez-Cruz (2006) ³⁹	1997	SB TIQ	5	100.6 (13.5) ^b	77	106.8 (11.7)	41	6.9 (0.8)
McGrath (2002) ⁴⁰	NA	WISC TIQ	5	93.9 (17.8)	100	103.9 (13.0)	37	8.0 (0.2)
McNicholas (2014) ⁴¹	1996	WISC TIQ	4	89.7 (12.5)	55	101.3 (11.7)	45	11.6 (1.0)
Molloy (2014) ⁴²	1991	WISC TIQ	5	95.2 (16.3)	221	106.5 (13.7)	159	17.0 (1.5)
Morsing (2011) ⁴³	2001	WISC TIQ	6	85.0 (15.4) ^b	68	102.9 (13.2)	34	7.1 (NA)
Mu (2008) ⁴⁴	1996	WISC TIQ	4	93.1 (16.3)	130	111.1 (14.8)	59	8.0 (NA)
Mulder (2011) ⁴⁵	1998	WISC TIQ	4	90.8 (12.6)	56	104.6 (9.6)	22	9.8 (0.3)
Murray (2014) ⁴⁶	2002	WISC TIQ	6	97.1 (13.8)	198	107.2 (12.8)	70	7.5 (0.3)
Newsham (2007) ⁴⁷	1991	WISC TIQ	2	98.5 (7.0)	36	105.5 (7.5)	33	10.1 (1.0)
Ni (2011) ⁴⁸	2002	WISC TIQ	5	100.1 (10.7)	37	103.9 (11.1)	22	6.6 (0.2)
Northam (2012) ⁴⁹	1991	WISC TIQ	6	92.0 (15.5)	50	107.5 (17.3)	50	16.2 (1.2)
Oliveira (2011) ⁵⁰	2005	WISC TIQ	4	9.0 (2.4) ^c	23	12.0 (2.4) ^c	23	5.8 (0.6)
Ortiz-Mantilla (2008) ⁵¹	1997	SB TIQ	6	97.9 (10.4)	32	108.1 (9.1)	32	7.0 (NA)
Potharst (2011) ⁵²	2003	WPPSI TIQ	5	92.0 (17.0)	104	103.0 (11.0)	95	5.0 (NA)
Ritter (2013) ⁵³	2000	WISC IV TIQ	5	101.1 (9.1)	56	109.8 (8.5)	41	10.1 (1.5)
Roldán-Tapia (2013) ⁵⁴	2000	KABC	5	43.0 (6.3)	31	64.0 (9.7)	46	7.0 (NA)
Sayeur (2015) ⁵⁵	2003	WISC TIQ	2	111.6 (10.5)	10	112.4 (8.9)	10	7.6 (0.5)
Schneider (2014) ⁵⁶	1996	WJ-GIA	1	93.8 (13.0)	38	99.3 (11.2)	44	12.4 (0.8)
Serenius (2016) ⁵⁷	2005	WISC TIQ	5	83.4 (14.8)	371	100.3 (11.7)	367	6.6 (NA)
Short (2003) ⁵⁸	1990	WISC TIQ	6	86.7 (18.4) ^b	164	101.9 (15.0)	99	8.8 (0.6)
Simms (2015) ⁵⁹	2002	Raven	7	97.8 (19.4)	115	104.9 (20.8)	77	9.7 (0.7)
Smith (2011) ⁶⁰	NA	SB TIQ	5	96.1 (11.1)	57	107.2 (13.9)	57	8.4 (0.8)
Snyder (2007) ⁶¹	1997	KBIT	4	100.6 (11.6)	96	102.5 (12.8)	67	5.3 (0.5)
Sølsnes (2015) ⁶²	2005	WPPSI/WISC TIQ	5	98.0 (10.0)	37	108.0 (14.0)	104	7.8 (1.7)
Stolt (2014) ⁶³	2003	WPPSI TIQ	4	100.0 (18.0)	141	113.0 (15.0)	146	5.0 (NA)
Taylor (2010) ⁶⁴	NA	PPVT	3	106.5 (11.5)	23	112.3 (12.6)	20	7.0 (NA)
Taylor (2011) ⁶⁵	2002	WJ-BIA	7	86.3 (21.1)	148	105.5 (16.6)	111	6.0 (0.4)
Tinelli (2015) ⁶⁶	2002	WISC TIQ	3	93.7 (16.6)	29	101.2 (11.2)	26	8.7 (1.3)
Van Braeckel (2008) ⁶⁷	1994	WISC TIQ	5	95.0 (9.0)	55	105.0 (8.0)	45	9.9 (0.1)
Wehrle (2016) ⁶⁸	1999	WISC TIQ	5	104.4 (7.3)	41	109.5 (6.8)	43	12.9 (1.7)
Williamson (2014) ⁶⁹	NA	PPVT	4	108.4 (12.3)	34	112.5 (11.2)	36	10.0 (1.3)
Wolfe (2015) ⁷⁰	2006	WPPSI TIQ	5	90.7 (14.9)	20	101.2 (12.3)	18	5.7 (0.7)
Woodward (2012) ⁷¹	1999	WPPSI TIQ	7	94.9 (15.6)	109	106.9 (11.7)	106	6.0 (0.1)

eTable. Study Characteristics, IQ of EP/VP Born and Full-Term Born Children, and Demographic and Perinatal Characteristics of the EP/VP Born Sample. (continued)

Study	GA, weeks M (SD)	BW, grams M (SD)	SGA, %	IVH grade I/II, %	IVH grade III/IV, %	PVL, %	BPD, %	NEC, %	Sepsis, %	PNS, %	Male, %	Nonwhite, %
Aarnoudse-Moens (2009) ¹	28.0 (1.4)	1042.6 (318.0)	6.0	22.0	0.0	4.0	54.0 ^d	0.0	6.0	18.0	54.0	10.0
Aarnoudse-Moens (2013) ²	28.1 (1.4)	1013.0 (287.0)	NA	21.0	5.0	1.0	11.0 ^d	3.0	NA	20.0	47.8	0.0
Bayless (2007) ³	28.4 (2.1)	1200.8 (368.3)	12.5	20.0	0.0	NA	37.5 ^e	NA	NA	12.5	40.0	NA
Brecht (2015) ⁴	27.6 (2.3)	1119.9 (326.6)	11.9	14.3	4.8	NA	14.3 ^d	NA	14.3	NA	53.0	0.0
Campbell (2015) ⁵	25.9 (1.7)	862.2 (211.2)	NA	NA	NA	NA	NA	NA	NA	NA	51.6	NA
Conrad (2010) ⁶	27.7 (2.0)	939.0 (111.1)	NA	24.0	14.0	NA	NA	NA	52.0	NA	53.0	17.0
Constable (2013) ⁷	28.2 (1.8)	974.6 (163.2)	NA	0.0	0.0	0.0	15.8 ^f	5.3	NA	NA	57.9	NA
Crotty (2012) ⁸	26.3 (2.3)	772.8 (131.3)	22.8	13.2	2.6	0.9	59.6 ^f	4.4	28.9	52.6	64.9	48.2
Damm (2015) ⁹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
De Amorim (2013) ¹⁰	30.0 (2.0)	1172.5 (222.5)	NA	18.2	NA	NA	NA	NA	59.0	NA	31.8	NA
De Kieviet (2012) ¹¹	29.3 (1.6)	1241.0 (355.0)	27.3	18.2	3.0	6.1	28.8 ^f	1.5	63.6	NA	50.0	13.6
Delane (2016) ¹²	27.5 (2.3)	1078.8 (424.8)	NA	NA	NA	NA	NA	NA	NA	NA	51.9	NA
Feng (2011) ¹³	30.0 (2.0)	1296.0 (183.0)	25.0	20.0	0.0	5.0	0.0	15.0	10.0	0.0	50.0	100.0
Fjortoft (2015) ¹⁴	26.7 (1.7)	866.9 (216.0)	10.0	34.2	10.5	2.6	55.3 ^e	3.0	29.0	26.3	44.7	15.0
Ford (2016) ¹⁵	27.0 (2.2)	893.0 (185.4)	28.6	25.7	0.0	0.0	31.4 ^d	2.9	NA	NA	48.6	0.0
Frye (2010) ¹⁶	29.8 (2.3)	1153.0 (271.0)	5.3	0.0	0.0	0.0	15.8 ^f	0.0	NA	NA	47.3	80.0
Geldof (2014) ¹⁷	30.0 (1.0)	1233.8 (148.8)	24.0	16.0	5.0	11.0	21.0 ^d	3.0	48.0	5.0	49.1	NA
Georgsdottir (2012) ¹⁸	27.0 (2.0)	832.0 (191.0)	46.9	0.0	3.1	0.0	65.6 ^f	3.1	56.3	NA	16.1	0.0
Guarini (2009) ¹⁹	29.7 (2.3)	1137.0 (327.7)	45.7	17.1	0.0	0.0	20.0 ^f	NA	NA	NA	51.4	0.0
Guarini (2014) ²⁰	30.1 (2.3)	1224.0 (284.0)	37.0	10.0	0.0	0.0	14.0 ^f	NA	NA	NA	53.6	0.0
Guarini (2016) ²¹	28.9 (2.3)	1177.5 (360.3)	10.0	3.0	0.0	0.0	22.0 ^f	7.0	12.0	15.0	48.3	0.0
Hagmann-Von Arx (2014) ²²	29.7 (1.9)	1302.0 (408.0)	5.2	7.0	0.0	0.0	5.2 ^f	1.7	0.0	6.9	69.0	NA
Hansen (2004) ²³	27.5 (1.8)	922.0 (167.0)	NA	NA	NA	NA	16.0 ^d	NA	NA	NA	49.0	NA
Harvey (1999) ²⁴	27.0 (2.3)	846.0 (103.0)	20.0	NA	6.7	NA	73.3 ^e	13.3	NA	NA	53.3	NA
Hellgren (2009) ²⁵	31.0 (3.5)	1197.0 (237.2)	NA	NA	NA	NA	NA	NA	NA	NA	56.0	NA
Holsti (2016) ²⁶	24.4 (0.7)	718.0 (129.0)	15.9	NA	NA	NA	38.6 ^f	NA	NA	NA	45.5	NA
Howe (2011) ²⁷	29.0 (2.6)	1129.0 (252.9)	30.1	NA	NA	7.0	NA	NA	NA	NA	46.5	NA
Hutchinson (2013) ²⁸	26.5 (2.0)	833.0 (164.0)	18.0	NA	3.7	3.2	38.1 ^d	5.0	NA	37.0	52.9	NA
Johnson (2005) ²⁹	30.3 (0.9)	1430.0 (161.8)	7.0	NA	NA	8.0	NA	NA	NA	NA	60.0	NA
Johnson (2009) ³⁰	24.5 (0.7)	745.0 (130.0)	0.5	49.0	10.0	16.0	73.0 ^d	3.0	NA	72.0	46.0	18.0
Kallankari (2015) ³¹	29.0 (2.3)	1202.0 (557.0)	23.0	2.6	3.9	2.6	23.0 ^d	3.9	30.0	22.1	52.0	2.6
Larroque (2008) ³²	30.0 (2.0)	1379.0 (396.0)	33.8	20.0	3.4	4.0	12.0 ^f	3.0	50.2	17.4	44.6	NA
Lax (2013) ³³	27.4 (2.0)	NA	0.0	24.0	0.0	0.0	NA	0.0	NA	NA	60.0	NA
Leijon (2015) ³⁴	28.8 (2.2)	1105 (291)	57	15.6	2.2	5.0	27.0 ^d	NA	27.5	6.4	37.3	NA
Linden (2015) ³⁵	29.6 (2.4)	1322.0 (434.0)	10.0	6.0	0.0	0.0	NA	NA	NA	8.0	50.0	23.0

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Study	GA, weeks M (SD)	BW, grams M (SD)	SGA, %	IVH grade I/II, %	IVH grade III/IV, %	PVL, %	BPD, %	NEC, %	Sepsis, %	PNS, %	Male, %	Nonwhite, %
Linhares (2005) ³⁶	29.0 (3.0)	1150.0 (270.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Litt (2012) ³⁷	26.4 (2.0)	815.0 (124.0)	33.2	34.3	13.3	6.6	41.0 ^d	5.5	49.2	NA	38.7	60.0
Løhaugen (2011) ³⁸	25.8 (1.8)	778.0 (118.0)	NA	NA	NA	NA	NA	NA	NA	NA	31.0	NA
Martinez-Cruz (2006) ³⁹	32.1 (1.4)	1160.9 (123.2)	NA	16.9	1.2	NA	27.3 ^e	NA	71.4	0.0	34.0	NA
McGrath (2002) ⁴⁰	28.7 (2.1)	973.5 (249.6)	NA	16.0	11.9	NA	28.7 ^d	13.0	13.0	NA	NA	NA
McNicholas (2014) ⁴¹	29.9 (2.8)	1172.0 (219.0)	NA	20.0	NA	8.9	NA	NA	NA	NA	NA	NA
Molloy (2014) ⁴²	26.6 (2.0)	883.0 (161.0)	15.8	NA	6.8	4.1	34.8 ^f	NA	NA	31.2	42.5	NA
Morsing (2011) ⁴³	27.1 (1.5)	879.5 (239.1)	50.0	11.8	7.4	4.4	50.0 ^d	5.9	73.5	29.4	52.9	8.5
Mu (2008) ⁴⁴	29.4 (2.8)	1168.6 (239.1)	NA	NA	NA	NA	NA	NA	NA	NA	44.6	NA
Mulder (2011) ⁴⁵	27.6 (1.8)	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.0	NA
Murray (2014) ⁴⁶	27.4 (1.9)	960.0 (222.0)	8.6	NA	3.6	4.6	35.0 ^f	10.6	44.4	8.6	52.5	NA
Newsham (2007) ⁴⁷	29.9 (2.7)	1421.0 (516.2)	NA	NA	NA	NA	NA	NA	NA	NA	51.4	NA
Ni (2011) ⁴⁸	29.5 (2.8)	1158.3 (266.1)	35.0	16.0	0.0	0.0	14.0 ^f	22.0	41.0	51.0	54.1	NA
Northam (2012) ⁴⁹	27.0 (2.0)	1081.0 (385.0)	14.3	34.0	22.0	4.1	NA	NA	NA	NA	38.0	NA
Oliveira (2011) ⁵⁰	30.0 (0.4)	1201.3 (177.5)	NA	NA	NA	NA	NA	NA	NA	NA	60.9	NA
Ortiz-Mantilla (2008) ⁵¹	26.9 (2.2)	976.0 (245.5)	0.0	12.5	6.3	NA	3.1 ^d	3.1	NA	NA	34.4	31.0
Potharst (2011) ⁵²	28.7 (1.6)	1045.0 (254.0)	37.5	2.9	2.9	4.8	14.4 ^d	1.9	26.9	3.8	44.2	NA
Ritter (2013) ⁵³	29.9 (2.3)	1252.5 (431.6)	14.3	10.7	0.0	0.0	17.9 ^e	7.1	5.4	16.1	54.0	4.0
Roldán-Tapia (2013) ⁵⁴	28.8 (1.7)	1270.0 (310.0)	NA	25.8	6.45	22.6	NA	NA	NA	NA	NA	0.0
Sayeur (2015) ⁵⁵	28.7 (1.8)	1222.0 (238.0)	NA	0.0	0.0	0.0	20.0 ^f	20.0	0.0	NA	50.0	10.0
Schneider (2014) ⁵⁶	29.7 (2.2)	1369.7 (393.4)	10.2	0.0	0.0	0.0	NA	10.5	2.6	15.8	50.0	0.0
Serenius (2016) ⁵⁷	25.4 (1.1)	779.0 (170.0)	17.9	NA	10.0	NA	73.7 ^d	5.4	47.4	27.9	53.5	NA
Short (2003) ⁵⁸	28.3 (2.0)	1085.0 (223.0)	NA	22.5	10.4	7.4	57.0 ^e	32.0	NA	17.1	49.1	47.0
Simms (2015) ⁵⁹	28.6 (2.0)	1213.0 (365.0)	NA	NA	NA	NA	NA	NA	NA	NA	54.8	NA
Smith (2011) ⁶⁰	29.1 (1.7)	1453.0 (331.0)	NA	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Snyder (2007) ⁶¹	27.8 (NA)	1009.3 (261.9)	0.0	0.0	0.0	0.0	NA	NA	NA	NA	44.8	29.2
Sølsnes (2015) ⁶²	28.5 (2.0)	1050.0 (358.0)	8.0	5.4	2.7	NA	29.7 ^f	2.7	35.1	NA	43.2	NA
Stolt (2014) ⁶³	28.0 (3.0)	1066.0 (283.0)	38.0	NA	NA	NA	17.0 ^d	NA	NA	NA	58.0	NA
Taylor (2010) ⁶⁴	29.0 (2.0)	1224.0 (205.0)	0.0	21.7	13.0	8.7	17.4 ^f	NA	34.8	NA	47.8	NA
Taylor (2011) ⁶⁵	25.9 (1.6)	818.0 (174.0)	25.0	NA	10.1	NA	52.0 ^d	5.0	49.0	NA	45.9	39.5
Tinelli (2015) ⁶⁶	28.3 (2.3)	1107.0 (288.0)	17.0	6.9	0.0	24.0	7.0 ^f	0.0	7.0	51.7	34.5	10.0
Van Braeckel (2008) ⁶⁷	29.9 (2.3)	1192.0 (347.9)	25.0	20.0	0.0	42.0	25.0 ^d	4.0	36.0	11.0	54.5	4.0
Wehrle (2016) ⁶⁸	29.6 (2.1)	1312.0 (362)	7.3	26.8	0.0	0.0	14.6 ^f	7.3	19.5	0.0	56.1	NA
Williamson (2014) ⁶⁹	28.3 (2.3)	1080.8 (247.0)	8.8	23.5	14.7	5.9	44.1 ^e	5.9	26.5	NA	47.1	NA
Wolfe (2015) ⁷⁰	28.1 (2.7)	1102.2 (256.8)	NA	20.0	10.0	0.0	38.0 ^f	5.0	0.0	10.0	55.0	45.0
Woodward (2012) ⁷¹	27.9 (2.3)	1065.9 (312.6)	10.1	10.1	5.5	5.5	34.0 ^d	4.6	23.9	5.7	50.9	11.9

eTable. Study Characteristics, IQ of EP/VP Born and Full-Term Born Children, and Demographic and Perinatal Characteristics of the EP/VP Born Sample. (continued)

	GA, weeks M (SD)	BW, grams M (SD)	SGA, %	IVH grade I/II, %	IVH grade III/IV, %	PVL, %	BPD, %	NEC, %	Sepsis, %	PNS, %	Male, %	Nonwhite, %
k	70	68	50	50	54	46	49	41	38	31	66	33
Median (IQR)	28.5 (2.4)	1103.6 (265.0)	16.5 (19.2)	16.5 (14.6)	4.5 (6.8)	3.6 (6.1)	27.0 (22.8)	4.6 (4.1)	28.9 (34.5)	16.1 (21.2)	50.0 (8.7)	11.9 (29.2)

Abbreviations. BAS = British Ability Scales, BPD = bronchopulmonary dysplasia, BW = birth weight, DAS = Differential Ability Scales, EP/VP = extremely preterm/very preterm, FT = full-term, GA = gestational age, IQ = intelligence quotient, IQR = interquartile range, IVH = intraventricular hemorrhage, k = number of studies, KABC = Kaufman Assessment Battery for Children, KBIT = Kaufman Brief Intelligence Test, M = mean, NA = not available, NEC = necrotizing enterocolitis, PNS = postnatal corticosteroids use, PPVT = Peabody Picture Vocabulary Test, PVL = periventricular leukomalacia, SB = Stanford Binet Intelligence Scale, SD = standard deviation, SGA = small for gestational age, TIQ = total IQ, WISC = Wechsler Intelligence Scale for Children, WJ-BIA = Woodcock-Johnson Brief Intelligence Assessment, WJ-GIA = Woodcock-Johnson General Intellectual Ability, WPPSI = Wechsler Preschool and Primary Scale of Intelligence

^a When covering a period of more than one year, median birth year (rounded down) was used in the analysis.

^b Weighted mean and pooled SD of subsamples.

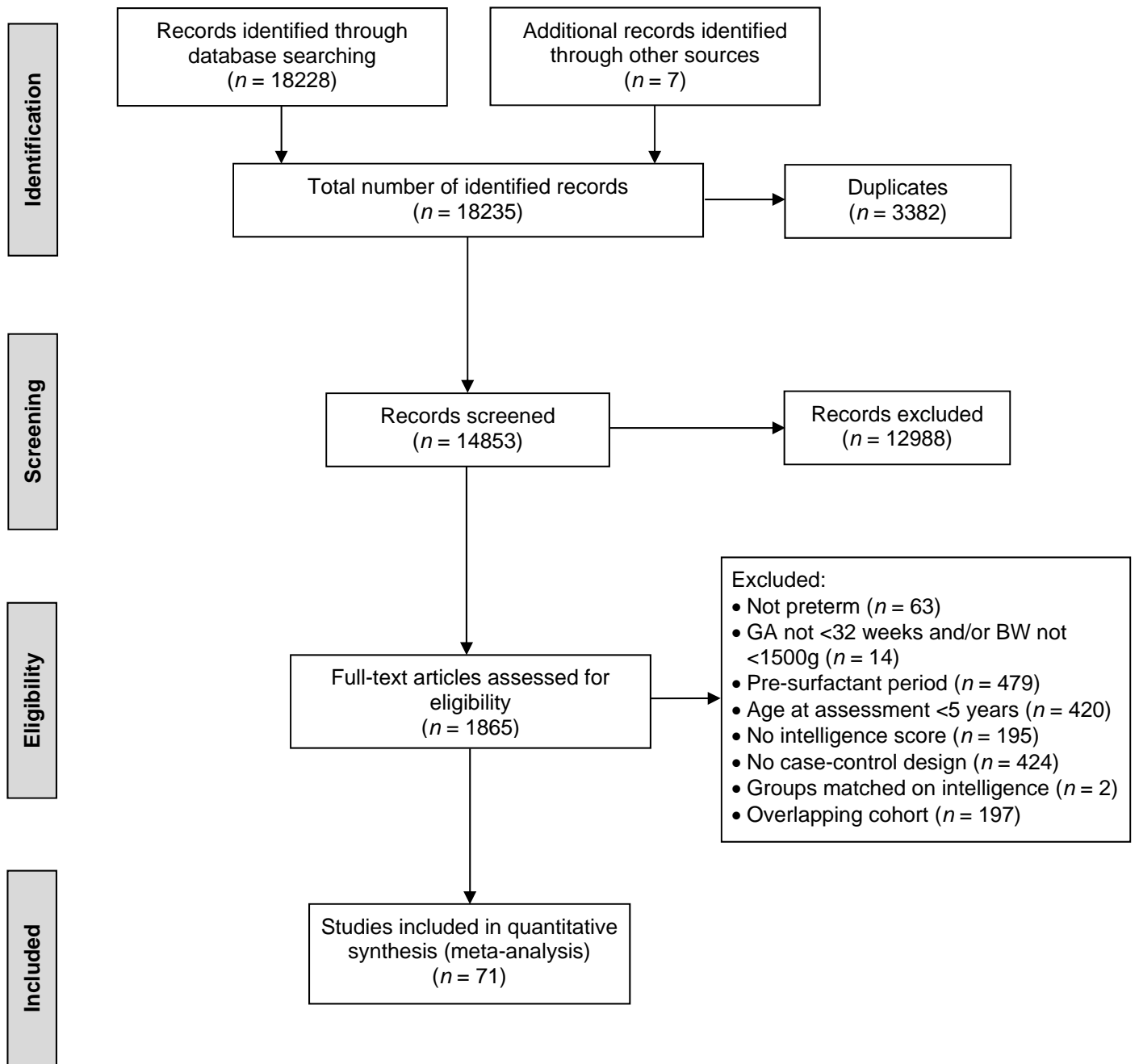
^c Mean and SD of subtest scores.

^d BPD defined as oxygen requirement at 36 weeks postmenstrual age.

^e BPD defined as oxygen requirement at 28 days of life.

^f Definition of BPD was not mentioned

eFigure 1. PRISMA Flowchart of the Study Selection Procedure.



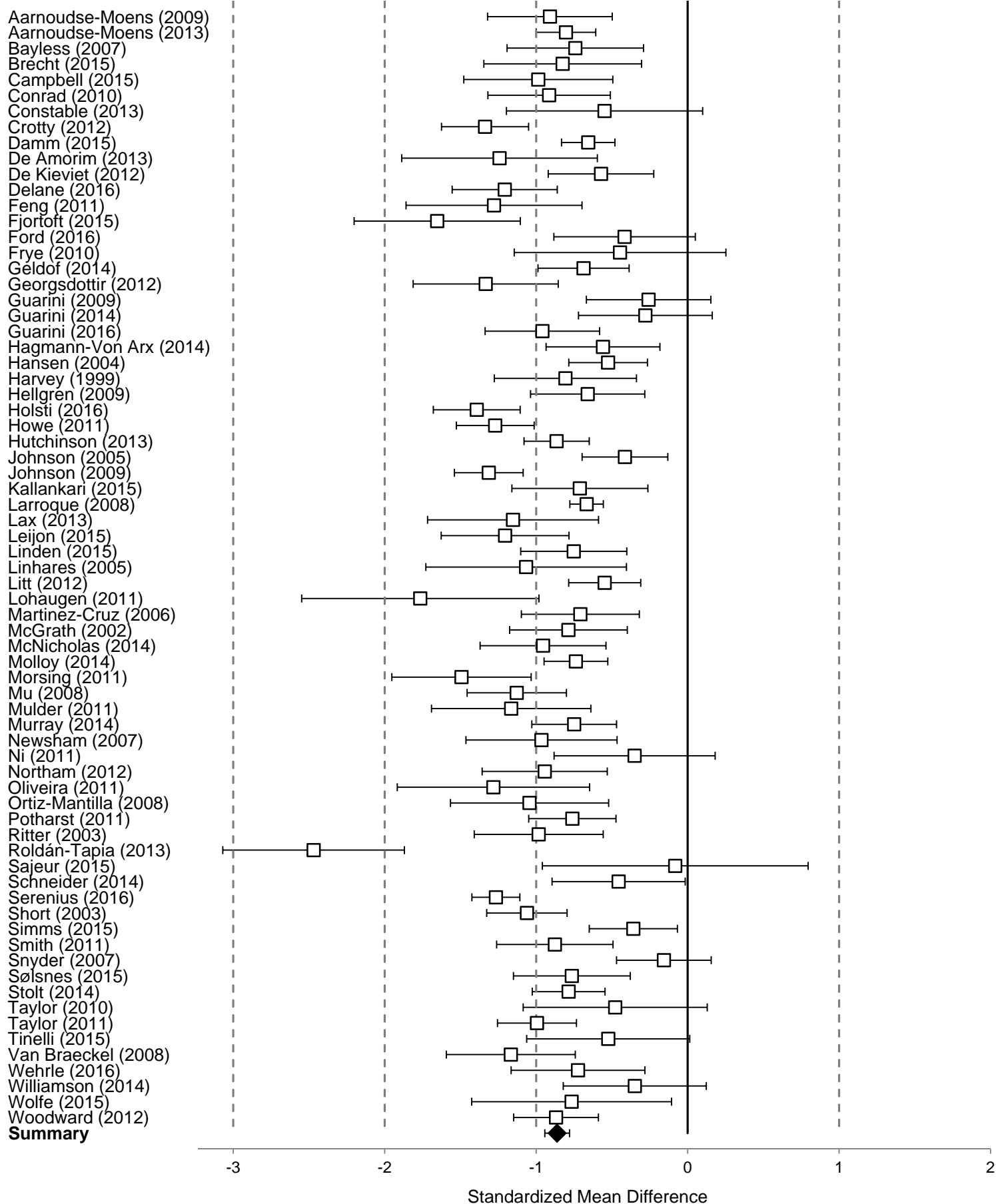
eFigure 2. Forest Plot of Standardized Mean Differences (SMD) in IQ Between Extremely/Very Preterm Children and Full-Term Controls.

Study	SMD	95% CI		Weight
		Lower limit	Upper limit	
Aarnoudse-Moens (2009)	-0.91	-1.32	-0.50	1.39
Aarnoudse-Moens (2013)	-0.80	-1.00	-0.61	1.92
Bayless (2007)	-0.74	-1.19	-0.29	1.30
Brecht (2015)	-0.82	-1.35	-0.30	1.15
Campbell (2015)	-0.99	-1.48	-0.49	1.21
Conrad (2010)	-0.91	-1.32	-0.51	1.41
Constable (2013)	-0.55	-1.20	0.10	0.91
Crotty (2012)	-1.34	-1.62	-1.05	1.70
Damm (2015)	-0.66	-0.83	-0.48	1.97
De Amorim (2013)	-1.24	-1.89	-0.60	0.92
De Kieviet (2012)	-0.57	-0.92	-0.22	1.55
Delane (2016)	-1.21	-1.55	-0.86	1.55
Feng (2011)	-1.28	-1.86	-0.70	1.03
Fjortoft (2015)	-1.65	-2.20	-1.10	1.09
Ford (2016)	-0.42	-0.88	0.05	1.26
Frye (2010)	-0.45	-1.14	0.25	0.83
Geldof (2014)	-0.69	-0.99	-0.39	1.67
Georgsdottir (2012)	-1.33	-1.81	-0.85	1.24
Guarini (2009)	-0.26	-0.67	0.15	1.39
Guarini (2014)	-0.28	-0.72	0.16	1.32
Guarini (2016)	-0.96	-1.34	-0.58	1.48
Hagmann-Von Arx (2014)	-0.56	-0.93	-0.18	1.48
Hansen (2004)	-0.53	-0.78	-0.27	1.77
Harvey (1999)	-0.81	-1.28	-0.34	1.26
Hellgren (2009)	-0.66	-1.04	-0.28	1.48
Holsti (2016)	-1.39	-1.68	-1.11	1.71
Howe (2011)	-1.27	-1.53	-1.01	1.78
Hutchinson (2013)	-0.86	-1.08	-0.65	1.88
Johnson (2005)	-0.41	-0.70	-0.13	1.72
Johnson (2009)	-1.31	-1.54	-1.09	1.85
Kallankari (2015)	-0.71	-1.16	-0.26	1.31
Larroque (2008)	-0.67	-0.78	-0.56	2.08
Lax (2013)	-1.15	-1.72	-0.59	1.06
Leijon (2015)	-1.21	-1.63	-0.78	1.37
Linden (2015)	-0.75	-1.10	-0.40	1.55
Linhares (2005)	-1.07	-1.73	-0.40	0.89
Litt (2012)	-0.55	-0.79	-0.31	1.83
Lohaugen (2011)	-1.77	-2.55	-0.98	0.72
Martinez-Cruz (2006)	-0.71	-1.10	-0.32	1.45
McGrath (2002)	-0.79	-1.18	-0.40	1.45
McNicholas (2014)	-0.95	-1.37	-0.54	1.38
Molloy (2014)	-0.74	-0.95	-0.53	1.89
Morsing (2011)	-1.49	-1.95	-1.03	1.28
Mu (2008)	-1.13	-1.46	-0.80	1.60
Mulder (2011)	-1.16	-1.69	-0.64	1.14
Murray (2014)	-0.75	-1.03	-0.47	1.72
Newsham (2007)	-0.97	-1.46	-0.47	1.19
Ni (2011)	-0.35	-0.88	0.18	1.13
Northam (2012)	-0.94	-1.36	-0.53	1.39
Oliveira (2011)	-1.28	-1.92	-0.65	0.93

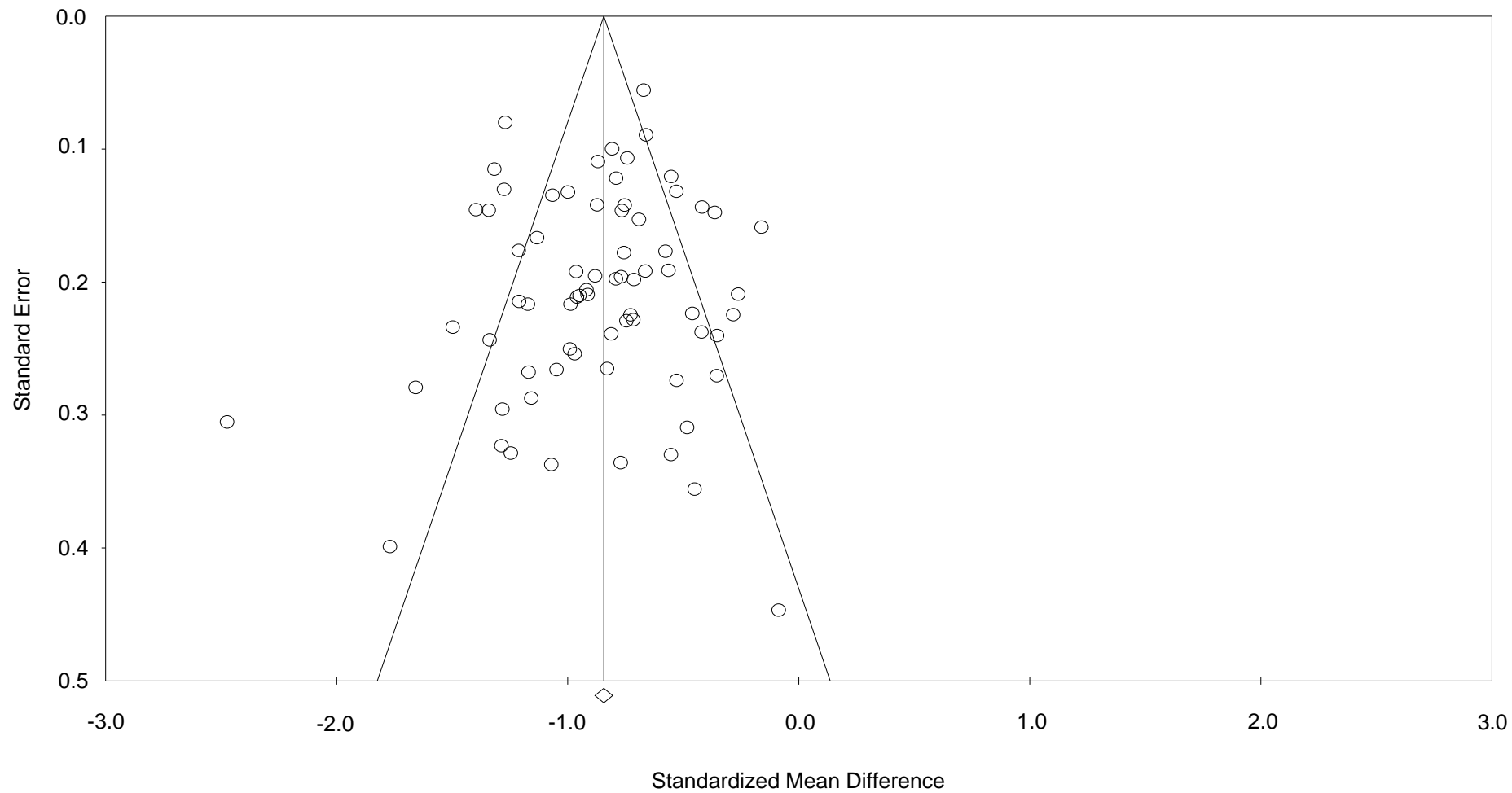
eFigure 2. Forest Plot of Standardized Mean Differences (SMD) in IQ Between Extremely/Very Preterm Children and Full-Term Controls. (continued)

Study	SMD	95% CI		Study
		Lower limit	Upper limit	
Ortiz-Mantilla (2008)	-1.04	-1.57	-0.52	1.14
Potharst (2011)	-0.76	-1.05	-0.47	1.70
Ritter (2003)	-0.98	-1.41	-0.56	1.36
Roldán-Tapia (2013)	-2.47	-3.07	-1.87	1.00
Sajeur (2015)	-0.08	-0.96	0.79	0.62
Schneider (2014)	-0.46	-0.90	-0.02	1.33
Serenius (2016)	-1.27	-1.42	-1.11	2.00
Short (2003)	-1.06	-1.33	-0.80	1.76
Simms (2015)	-0.36	-0.65	-0.07	1.70
Smith (2011)	-0.88	-1.26	-0.49	1.46
Snyder (2007)	-0.16	-0.47	0.16	1.64
Sølsnes (2015)	-0.76	-1.15	-0.38	1.46
Stolt (2014)	-0.79	-1.03	-0.55	1.82
Taylor (2010)	-0.48	-1.09	0.13	0.98
Taylor (2011)	-0.99	-1.26	-0.73	1.77
Tinelli (2015)	-0.52	-1.06	0.01	1.11
Van Braeckel (2008)	-1.17	-1.59	-0.74	1.36
Wehrle (2016)	-0.72	-1.17	-0.28	1.32
Williamson (2014)	-0.35	-0.82	0.12	1.25
Wolfe (2015)	-0.77	-1.43	-0.11	0.89
Woodward (2012)	-0.87	-1.15	-0.59	1.72
Summary	-0.86	-0.94	-0.78	

eFigure 2. Forest Plot of Standardized Mean Differences (SMD) in IQ Between Extremely/Very Preterm Children and Full-Term Controls. (continued)



eFigure 3. Funnel Plot of the Standardized Mean Difference in IQ for Each Study Plotted Against Its Standard Error.



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