#### **Supplementary Online Content**

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

Population	Exposure	Outcome
child	prematur*	follow up
children	preterm birth	neurodevelopment*
adolescent	"very preterm"	intelligence
"pre-school"	"extremely preterm"	academic
"primary school"	birth weight	"school performance"
"elementary school"	"low birth weight"	delay*
Elementary	"very low birth weight"	deficit*
pre-school*	"extremely low birth weight"	impairment
kindergarten*	"late preterm"	development*
"grade school"	"early term"	reading
school-age*		math*
"secondary school"		spelling
		arithmetic
		numeracy
		literacy
		learning dis*
		developmental dis*
		education*
		decoding
		comprehension
		phonological
		language
		learning
		achievement

eTable 1. List of Keywords Used in Database Searches

Study	Assessment Tool (cluster or subtest)
Anderson et al, 2003	Wide Range Achievement Test, 3 <sup>rd</sup> Edition (reading <sup>a</sup> ; arithmetic <sup>b</sup> )
Andreias et al, 2010	Woodcock-Johnson Tests of Achievement (letter-word identification <sup>a</sup> ; calculation <sup>c</sup> )
Assel et al, 2003	Woodcock-Johnson Tests of Achievement-R (calculation <sup>c</sup> )
Botting et al, 1998	Wechsler Objective Reading Dimensions (reading <sup>a</sup> )
Bowen et al, 2002	Woodcock Reading Mastery Tests-Revised (total reading <sup>d</sup> ; basic reading skills <sup>e</sup> ; reading comprehension <sup>f</sup> ) TEMA-2 (maths quotient <sup>b</sup> )
Brumbaugh et al, 2016	Wide Range Achievement Test, 4 <sup>th</sup> Edition (reading <sup>d</sup> ; arithmetic <sup>b</sup> )
Chaudhari et al, 2004	Woodcock Reading Mastery Tests-Revised (arithmetic <sup>b</sup> )
Cheong et al, 2017	Wide Range Achievement Test, 3 <sup>rd</sup> Edition (reading <sup>a</sup> ; arithmetic <sup>b</sup> )
Downie et al, 2007	Woodcock Reading Mastery Tests-Revised (word identification <sup>a</sup> ; word attack <sup>g</sup> )
Doyle et al, 2000	Wide Range Achievement Test, 4 <sup>th</sup> Edition (word reading <sup>a</sup> ; mathematical computation <sup>b</sup> )
Frye et al, 2009	Woodcock-Johnson Test of Achievement (word attack <sup>9</sup> )
Gross et al, 2001	Wechsler Individual Achievement Test (reading <sup>d</sup> ; maths composite <sup>h</sup> )
Grunau et al., 2002	Wide Range Achievement Test-Revised (word reading <sup>a</sup> ; arithmetic <sup>b</sup> )
Grunau et al, 2004	Wide Range Achievement Test, 3 <sup>rd</sup> Edition (reading <sup>a</sup> ; arithmetic <sup>b</sup> )
Hutchinson et al, 2013	Wide Range Achievement Test, 3 <sup>rd</sup> Edition (reading <sup>a</sup> ; arithmetic <sup>b</sup> )

eTable 2. List of Assessment Measures from Included Studies

Study	Assessment Tool (cluster or subtest)
Johnson et al, 2011	Wechsler Individual Achievement Test II (reading composite <sup>d</sup> ; word reading <sup>a</sup> ; pseudoword decoding <sup>g</sup> ; reading comprehension <sup>f</sup> ; maths composite <sup>h</sup> ; numerical operations <sup>c</sup> ; mathematical reasoning <sup>i</sup> )
Lee et al, 2011	Woodcock-Johnson III (basic reading skills <sup>e</sup> ; passage comprehension <sup>f</sup> )
Litt et al, 2012	Woodcock-Johnson III Tests of Achievement (letter-word identification <sup>a</sup> ; calculation <sup>c</sup> )
Loe et al, 2012	Woodcock-Johnson III Tests of Achievement (broad reading <sup>d</sup> )
McGrath et al, 2002	Wide Range Achievement Test, 3 <sup>rd</sup> Edition (reading <sup>a</sup> ; arithmetic <sup>b</sup> )
Northam et al, 2012	Wechsler Objective Reading Dimensions (reading <sup>a</sup> )
Pritchard et al, 2009	Woodcock-Johnson III Tests of Achievement (passage comprehension <sup>f</sup> )
Rickards et al, 2001	Wide Range Achievement Test, 3 <sup>rd</sup> Edition (reading <sup>a</sup> ; arithmetic <sup>b</sup> )
Rose et al, 2011	Woodcock-Johnson III Tests of Achievement (letter-word identification <sup>a</sup> , math fluency <sup>j</sup> ; applied problems <sup>i</sup> )
Sayeur et al, 2015	Wechsler Individual Achievement Test-II (word reading <sup>a</sup> )
Short et al, 2003	Woodcock-Johnson Tests of Achievement-Revised (letter-word identification <sup>a</sup> ; passage comprehension <sup>f</sup> ; calculation <sup>c</sup> ; applied problems <sup>i</sup> )
Simms et al, 2015	Wechsler Individual Achievement Test-II (maths composite <sup>h</sup> )
Tandon et al, 2000	Wide Range Achievement Test-Revised (reading <sup>a</sup> ; arithmetic <sup>b</sup> )
Taylor et al, 1995	Woodcock-Johnson Tests of Achievement-Revised (word identification <sup>a</sup> ; calculation <sup>c</sup> ; applied problems <sup>i</sup> )
Taylor et al, 2008	Woodcock-Johnson Revised Tests of Cognitive Ability (word identification <sup>a</sup> ; passage comprehension <sup>f</sup> )

Study	Assessment Tool (cluster or subtest)
Taylor et al, 2011	Woodcock-Johnson Tests of Achievement (letter-word identification <sup>a</sup> ; calculation <sup>c</sup> ; applied problems <sup>i</sup> )
Taylor et al, 2016	Wide Range Achievement Test, 4 <sup>th</sup> Edition (reading <sup>a</sup> ; mathematical computation <sup>b</sup> )
Woodward et al, 2017	Woodcock-Johnson III Tests of Achievement (math fluency <sup>i</sup> )

Note. Clusters and subtests with similar content and thought to test similar academic constructs were compiled to form the following for the purpose of meta-analysis: <sup>a</sup>Word Identification; <sup>b</sup>Mathematical Knowledge; <sup>c</sup>Calculation; <sup>d</sup>Aggregate Measures of Reading; <sup>e</sup>Decoding; <sup>f</sup>Reading Comprehension; <sup>g</sup>Phonological Decoding; <sup>h</sup>Aggregate Measures of Mathematics; <sup>i</sup>Applied Problems; <sup>j</sup>Mathematical Fluency.

	Study removed	f	Subtotal mean difference	95% CI	р
Aggregate	None	92%	-7.98	-13.05 to -2.91	.002
measures of	Loe et al, 2012	94%	-8.37	-14.35 to -2.39	.006
reading	Botting et al, 1998	93%	-8.51	-15.26 to -1.76	.01
	Bowen et al, 2002	93%	-7.11	-12.72 to -1.50	.01
	Brumbaugh et al, 2016	93%	-9.06	-14.70 to -3.41	.002
	Gross et al, 2001	92%	-8.99	-15.04 to -2.94	.004
	Johnson et al, 2011	63%	-5.52	-8.22 to -2.81	<.001
Word	None	69%	-7.44	-9.08 to -5.80	<.001
dentification	Taylor et al, 2016	70%	-7.33	-9.04 to -5.63	<.001
	Short et al, 2003	70%	-7.56	-9.24 to -5.87	<.001
	Sayeur et al, 2015	70%	-7.50	-9.15 to -5.85	<.001
	Northam et al, 2012	70%	-7.38	-9.07 to -5.68	<.001
	McGrath et al, 2002	70%	-7.46	-9.15 to -5.77	<.001
	Litt et al, 2012	70%	-7.46	-9.18 to -5.74	<.001
	Hutchinson et al, 2013	70%	-7.43	-9.18 to5.68	<.001
	Grunau et al, 2004	70%	-7.45	-9.17 to -5.74	<.001
	Doyle et al, 2000	70%	-7.51	-9.26 to -5.77	<.001
	Downie et al, 2007	70%	-7.37	-9.08 to -5.67	<.001
	Andreias et al, 2010	70%	-7.52	-9.25 to -5.78	<.001
	Anderson et al, 2003	70%	-7.48	-9.24 to -5.72	<.001
	Tandon et al, 2000	69%	-7.07	-8.73 to -5.41	<.001
	Rose et al, 2011	69%	-7.66	-9.32 to -5.99	<.001
	Rickards et al, 2001	69%	-7.61	-9.29 to -5.94	<.001
	Grunau et al, 2002	69%	-7.26	-8.92 to -5.59	<.001
	Taylor et al, 2008	68%	-7.69	-9.33 to -6.05	<.001
	Taylor et al, 1995	68%	-7.65	-9.32 to -5.99	<.001
	Taylor et al, 2011	67%	-7.71	-9.34 to -6.08	<.001
	Johnson et al, 2011	63%	-7.09	-8.66 to -5.53	<.001
	Cheong et al, 2017	60%	-6.92	-8.48 to -5.36	<.001
	None	99%	-5.37	-27.41 to -16.67	.63

eTable 3. Jackknife Sensitivity Analysis for Academic Subskills Comparisons

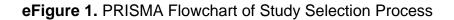
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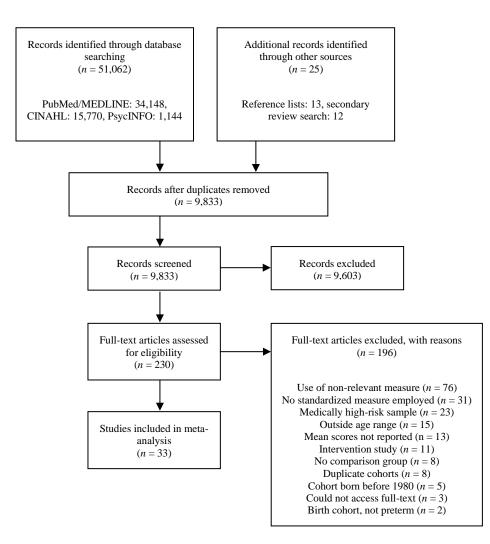
	Study removed	ß	Subtotal mean difference	95% CI	р
Pseudoword	Downie et al, 2007	99%	-4.86	-34.73 to 25.01	.75
decoding	Frye et al, 2009	98%	-19.02	-42.73 to 4.70	.12
	Johnson et al, 2011	90%	3.27	-6.91 to 13.45	.53
Reading	None	81%	-7.96	-12.15 to -3.76	<.001
Comprehension	Bowen et al, 2002	84%	-7.48	-12.43 to -2.52	.003
	Lee et al, 2011	84%	-7.66	-12.66 to -2.66	.003
	Short et al, 2003	83%	-8.44	-13.62 to -3.63	<.001
	Pritchard et al, 2009	80%	-8.76	-13.36, -4.16	<.001
	Taylor et al, 2008	79%	-8.91	-13.34 to -4.49	<.001
	Johnson et al, 2011	37%	-6.23	-9.01 to -3.45	<.001
Aggregate	None	97%	-12.90	-23.38 to -2.43	.02
measures of	Simms et al, 2015	98%	-13.11	-26.33 to 0.12	.05
mathematics	Botting et al, 1998	97%	-14.87	-29.70 to -0.04	.05
	Gross et al, 2001	97%	-15.57	-29.15 to -2.00	.02
	Johnson et al, 2011	56%	-7.43	-10.81 to -4.05	<.001
Mathematical	None	62%	-9.88	-11.68 to -8.08	<.001
knowledge	Tandon et al, 2000	65%	-9.52	-11.41 to -7.63	<.001
	Anderson et al, 2003	64%	-10.01	-12.02 to -7.99	<.001
	Bowen et al, 2002	62%	-9.61	-11.46 to -7.77	<.001
	Cheong et al, 2017	54%	-9.38	-11.17 to -7.59	<.001
	Doyle et al, 2000	65%	-9.94	-11.93 to -7.95	<.001
	Grunau et al, 2002	65%	-9.91	-11.83 to -7.99	<.001
	Grunau et al, 2004	62%	-9.63	-11.45 to -7.81	<.001
	Hutchinson et al, 2013	65%	-9.96	-11.93 to -7.99	<.001
	McGrath et al, 2002	65%	-9.87	-11.77 to -7.98	<.001
	Rickards et al, 2001	64%	-10.08	-11.96 to -8.2	<.001
	Taylor et al, 2016	65%	-9.81	-11.74 to -7.89	<.001
	Chaudhari et al, 2004	59%	-10.24	-12.04 to -8.44	<.001
	Brumbaugh et al, 2016	49%	-10.36	-11.93 to -8.78	<.001
Calculation	None	92%	-10.57	-15.62 to -5.52	<.001
	Andreias et al, 2010	93%	-10.85	-17.1 to -4.59	<.001

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	Study removed	P	Subtotal mean difference	95% CI	р
	Assel et al, 2003	93%	-11.10	-16.84 to -5.36	<.001
	Litt et al, 2012	93%	-10.35	-16.2 to -4.51	<.001
	Short et al, 2003	93%	-10.29	-15.96 to -4.62	<.001
	Taylor et al, 1995	93%	-10.99	-16.85 to -5.13	<.001
	Taylor et al, 2011	89%	-11.89	-16.87 to -6.92	<.001
	Johnson et al, 2011	68%	-8.34	-11.22 to -5.45	<.001
Applied	None	91%	-11.41	-17.57 to -5.26	<.001
problems	Taylor et al, 1995	93%	-11.90	-19.44 to -4.36	.002
	Taylor et al, 2011	93%	-11.48	-19.33 to -3.63	.004
	Short et al, 2003	92%	-12.13	-19.44 to -4.81	.001
	Rose et al, 2011	91%	-12.71	-19.49 to -5.92	<.001
	Johnson et al, 2011	0%	-8.82	-11.07 to -6.57	<.001

Note. No sensitivity analyses are provided for the subgroups of Decoding and Mathematical Fluency as these comparisons included data from two studies only.





# **eFigure 2.** Inverse-Variance Random-Effects Forest Plot of Gestational Age and Reading Outcomes for Preterm and Term-Born Children

	Pr	eterm		I	erm			Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
4.1.1 < 28 weeks									
Anderson et al., 2003	96.6	16	259	103.3	14.7	219	6.6%	-6.70 [-9.45, -3.95]	
Andreias et al., 2010	90	16	183	96	14	176	6.3%	-6.00 [-9.11, -2.89]	
Botting et al., 1998	91.4	11.1	138	96.9	9.49	163	6.8%	-5.50 [-7.86, -3.14]	
Bowen et al., 2002	96	15.6	48	108.8	12.1	48	4.7%	-12.80 [-18.39, -7.21]	_ <b></b>
Cheong et al., 2017	97.1	16.9	133	105.5	13.8	168	6.1%	-8.40 [-11.95, -4.85]	- <b>-</b>
Cheong et al., 2017	94.1	17.1	140	109.4	14.2	189	6.1%	-15.30 [-18.78, -11.82]	<b></b>
Downie et al., 2007	95.17		39	104	7.3	15	5.1%	-8.83 [-13.82, -3.84]	_ <b>_</b>
Doyle et al., 2000	95.1	14.1	223	101.2	14.3	160	6.5%	-6.10 [-8.99, -3.21]	
Grunau et al., 2002	94.5	16.5	74	107	14.1	30	4.3%	-12.50 [-18.79, -6.21]	(
Grunau et al., 2004	103.54	10.85		110.59	9.85	31	5.4%	-7.05 [-11.58, -2.52]	_ <b>—</b>
Hutchinson et al., 2013	98	16.1	189	105.5	13.8	173	6.4%	-7.50 [-10.58, -4.42]	- <b>-</b> -
Johnson et al., 2011	80.2	20.3	212	98.5	11.6	153		-18.30 [-21.59, -15.01]	_ <b>—</b>
Litt et al., 2012	88.6	21.9	181	95.5	14.1	115	5.7%	-6.90 [-11.00, -2.80]	_ <b>_</b>
McGrath et al., 2002	90.8	21.3	48	100.1	19.6	37	3.0%	-9.30 [-18.23, -0.37]	
Northam et al., 2002	90.8	22.3	40 50	100.1	19.0	30	4.6%	-9.00 [-14.79, -3.21]	
Pritchard et al., 2009	108.88	15.6	102	113	15.5	108	4.0%	-4.12 [-8.33, 0.09]	
Frichard et al., 2009 Taylor et al., 2011	106.07		102	107.9	16.9	70	5.5%	-4.12 [-8.33, 0.09] -1.83 [-6.22, 2.56]	
Taylor et al., 2011 Taylor et al., 2016						70			
Subtotal (95% CI)	98.2	19.6	194 2460	107.9	16.9	1955	5.2% 100.0%	-9.70 [-14.52, -4.88] - <b>8.54 [-10.52, -6.55]</b>	▲
Heterogeneity: Tau <sup>2</sup> = 13.	RE- OHR-	70.76		/D ~ 0.00	0043-18		100.070	-0.54 [-10.52, -0.55]	•
Test for overall effect: Z =	8.43 (P <	0.00001	)						
4.1.2 28 - 32 weeks									
Frye et al., 2009	102.74		94	93.53		97	10.8%	9.21 [4.03, 14.39]	
Frye et al., 2009	100.97		62	93.53		97	9.6%	7.44 [1.23, 13.65]	
Gross et al., 2001	86.75	10	118		10.25	119	13.8%	-3.25 [-5.83, -0.67]	
Loe et al., 2012	105	13.6	72		10.09	42	11.7%	-6.00 [-10.38, -1.62]	
McGrath et al., 2002	95	22.8	52	100.1	19.6	37	6.9%	-5.10 [-13.95, 3.75]	
Rickards et al., 2001	96.8	14.4	120	100.4	12.7	41	11.4%	-3.60 [-8.26, 1.06]	
Rose et al., 2011	97.95		44	100.6	9.76	86	11.3%	-2.65 [-7.42, 2.12]	
Sayeur et al., 2015	106								
		23.1	10	105	18.2	10	2.5%	1.00 [-17.23, 19.23]	
Short et al., 2003	102.3	17	10 75	105 107.6	18.2 18	10 99	2.5% 10.7%		
Taylor et al., 2008			75 155			99 82	10.7% 11.4%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49]	
Taylor et al., 2008 Subtotal (95% CI)	102.3 98.8	17 21	75 155 <mark>802</mark>	107.6 102	18 15.4	99 82 <b>710</b>	10.7%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07]	
Taylor et al., 2008	102.3 98.8 18; Chi² =	17 21 33.82, 1	75 155 <mark>802</mark>	107.6 102	18 15.4	99 82 <b>710</b>	10.7% 11.4%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49]	 
Taylor et al., 2008 <b>Subtotal (95% CI)</b> Heterogeneity: Tau <sup>2</sup> = 17.	102.3 98.8 18; Chi² =	17 21 33.82, 1	75 155 <mark>802</mark>	107.6 102	18 15.4	99 82 <b>710</b>	10.7% 11.4%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49]	
Taylor et al., 2008 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 17. Test for overall effect: Z = 4.1.3 33 - 37 weeks	102.3 98.8 18; Chi² = 0.88 (P =	17 21 33.82, ( 0.38)	75 155 <b>802</b> df = 9 (f	107.6 102 < 0.000	18 15.4 11); I² = 7	99 82 <b>710</b> 73%	10.7% 11.4% <b>100.0%</b>	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49] - <b>1.42 [-4.58, 1.75]</b>	
Taylor et al., 2008 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 17. Test for overall effect: Z = 4.1.3 33 - 37 weeks Brumbaugh et al., 2016	102.3 98.8 18; Chi <sup>2</sup> = 0.88 (P = 98.8	17 21 33.82, ( 0.38) 15	75 155 <b>802</b> df = 9 (f	107.6 102 P < 0.000 100.9	18 15.4 11); I² = 7 15	99 82 <b>710</b> 73% 74	10.7% 11.4% <b>100.0%</b> 27.6%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49] - <b>1.42 [-4.58, 1.75]</b> -2.10 [-7.42, 3.22]	
Taylor et al., 2008 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 17. Test for overall effect: Z = 4.1.3 33 - 37 weeks Brumbaugh et al., 2016 McGrath et al., 2002	102.3 98.8 18; Chi <sup>2</sup> = 0.88 (P = 98.8 94.6	17 21 33.82, 0.38) 15 20.1	75 155 <b>802</b> df = 9 (F 52 51	107.6 102 P < 0.000 100.9 100.1	18 15.4 11); I <sup>2</sup> = 7 15 19.6	99 82 <b>710</b> 73% 74 37	10.7% 11.4% <b>100.0%</b> 27.6% 21.2%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49] - <b>1.42 [-4.58, 1.75]</b> -2.10 [-7.42, 3.22] -5.50 [-13.89, 2.89]	
Taylor et al., 2008 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 17. Test for overall effect: Z = 4.1.3 33 - 37 weeks Brumbaugh et al., 2016 McGrath et al., 2002 Tandon et al., 2000	102.3 98.8 18; Chi <sup>2</sup> = 0.88 (P = 98.8 94.6 108	17 21 33.82, ( 0.38) 15 20.1 14.7	75 155 <b>802</b> df = 9 (F 52 51 27	107.6 102 < 0.000 100.9 100.1 117.3	18 15.4 11); I² = 7 15 19.6 11.1	99 82 <b>710</b> 73% 74 37 28	10.7% 11.4% <b>100.0%</b> 27.6% 21.2% 24.3%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49] - <b>1.42 [-4.58, 1.75]</b> -2.10 [-7.42, 3.22] -5.50 [-13.89, 2.89] -9.30 [-16.20, -2.40]	
Taylor et al., 2008 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 17. Test for overall effect: Z = 4.1.3 33 - 37 weeks Brumbaugh et al., 2016 McGrath et al., 2002 Tandon et al., 2000 Tandon et al., 2000	102.3 98.8 18; Chi <sup>2</sup> = 0.88 (P = 98.8 94.6	17 21 33.82, 0.38) 15 20.1	75 155 <b>802</b> df = 9 (f 52 51 27 32	107.6 102 P < 0.000 100.9 100.1	18 15.4 11); I <sup>2</sup> = 7 15 19.6	99 82 <b>710</b> 73% 74 37 28 29	10.7% 11.4% <b>100.0%</b> 27.6% 21.2% 24.3% 26.9%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49] -1.42 [-4.58, 1.75] -2.10 [-7.42, 3.22] -5.50 [-13.89, 2.89] -9.30 [-16.20, -2.40] -15.10 [-20.75, -9.45]	
Taylor et al., 2008 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 17. Test for overall effect: Z = 4.1.3 33 - 37 weeks Brumbaugh et al., 2016 McGrath et al., 2002 Tandon et al., 2000	102.3 98.8 18; Chi <sup>2</sup> = 0.88 (P = 98.8 94.6 108 96 21; Chi <sup>2</sup> =	17 21 33.82, 1 0.38) 15 20.1 14.7 12.2 11.27, 1	75 155 <b>802</b> df = 9 (f 52 51 27 32 <b>162</b>	107.6 102 P < 0.000 100.9 100.1 117.3 111.1	18 15.4 11); I <sup>2</sup> = 7 15 19.6 11.1 10.3	99 82 710 73% 74 37 28 29 168	10.7% 11.4% <b>100.0%</b> 27.6% 21.2% 24.3%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49] - <b>1.42 [-4.58, 1.75]</b> -2.10 [-7.42, 3.22] -5.50 [-13.89, 2.89] -9.30 [-16.20, -2.40]	
Taylor et al., 2008 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 17. Test for overall effect: Z = 4.1.3 33 - 37 weeks Brumbaugh et al., 2016 McGrath et al., 2000 Tandon et al., 2000 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 29.	102.3 98.8 18; Chi <sup>2</sup> = 0.88 (P = 98.8 94.6 108 96 21; Chi <sup>2</sup> =	17 21 33.82, 1 0.38) 15 20.1 14.7 12.2 11.27, 1	75 155 <b>802</b> df = 9 (f 52 51 27 32 <b>162</b>	107.6 102 P < 0.000 100.9 100.1 117.3 111.1	18 15.4 11); I <sup>2</sup> = 7 15 19.6 11.1 10.3	99 82 710 73% 74 37 28 29 168	10.7% 11.4% <b>100.0%</b> 27.6% 21.2% 24.3% 26.9%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49] -1.42 [-4.58, 1.75] -2.10 [-7.42, 3.22] -5.50 [-13.89, 2.89] -9.30 [-16.20, -2.40] -15.10 [-20.75, -9.45]	
Taylor et al., 2008 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 17. Test for overall effect: Z = 4.1.3 33 - 37 weeks Brumbaugh et al., 2016 McGrath et al., 2000 Tandon et al., 2000 Subtotal (95% CI) Heterogeneity: Tau <sup>2</sup> = 29.	102.3 98.8 18; Chi <sup>2</sup> = 0.88 (P = 98.8 94.6 108 96 21; Chi <sup>2</sup> =	17 21 33.82, 1 0.38) 15 20.1 14.7 12.2 11.27, 1	75 155 <b>802</b> df = 9 (f 52 51 27 32 <b>162</b>	107.6 102 P < 0.000 100.9 100.1 117.3 111.1	18 15.4 11); I <sup>2</sup> = 7 15 19.6 11.1 10.3	99 82 710 73% 74 37 28 29 168	10.7% 11.4% <b>100.0%</b> 27.6% 21.2% 24.3% 26.9%	1.00 [-17.23, 19.23] -5.30 [-10.53, -0.07] -3.20 [-7.89, 1.49] -1.42 [-4.58, 1.75] -2.10 [-7.42, 3.22] -5.50 [-13.89, 2.89] -9.30 [-16.20, -2.40] -15.10 [-20.75, -9.45]	

# **eFigure 3.** Inverse-Variance Random-Effects Forest Plot of Gestational Age and Mathematics Outcomes for Preterm and Term-Born Children

		reterm			Ferm			Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% Cl
5.1.1 < 28 weeks									
Andreias et al., 2010	89	15	183	98	14	176	7.3%	-9.00 [-12.00, -6.00]	
Botting et al., 1998	96.3	13.2	102	103.4	9	108	7.3%	-7.10 [-10.17, -4.03]	
Bowen et al., 2002	90.8	11	48	104.5	12.2	48	6.5%	-13.70 [-18.35, -9.05]	<b>—</b>
Cheong et al., 2017	89.9	17.5	131	99	14.5	168	7.0%	-9.10 [-12.81, -5.39]	
Cheong et al., 2017	89.4	18.9	140	105.1	13.4	188	7.0%	-15.70 [-19.37, -12.03]	- <b>-</b>
Doyle et al., 2000	85.4	14.7	223	94.8	15.1	160	7.3%	-9.40 [-12.43, -6.37]	
Grunau et al., 2002	90.3	11	74	99.9	10.5	30	6.5%	-9.60 [-14.12, -5.08]	
Grunau et al., 2004	91.35	14.25	53	106.29	14.45	31	5.5%	-14.94 [-21.31, -8.57]	<u> </u>
Hutchinson et al., 2013	90	16.9	189	99.1	14.5	173	7.2%	-9.10 [-12.34, -5.86]	
Johnson et al., 2011	71.2	20.9	215	98.5	15	153	7.0%	-27.30 [-30.97, -23.63]	
Litt et al., 2012	81.3	20.7	181	93.2	17.2	115	6.6%	-11.90 [-16.26, -7.54]	_ <b>—</b>
McGrath et al., 2002	88.7	19.8	48	100.2	14.8	37	5.0%	-11.50 [-18.86, -4.14]	
Taylor et al., 1995	92.95	14.8	88	102.3	12.7	58	6.5%	-9.35 [-13.85, -4.85]	
Taylor et al., 2011	95.1	17.04	140	106.12	16.96	111	6.7%	-11.02 [-15.25, -6.79]	
Taylor et al., 2016	88.8	18.4	194	99.7	14.1	70	6.7%	-10.90 [-15.10, -6.70]	<u> </u>
Subtotal (95% CI)			2009			1626	100.0%	-11.92 [-14.60, -9.24]	◆
Heterogeneity: Tau <sup>2</sup> = 23.	30; Chi²	= 96.10	, df = 1-	4 (P ≤ 0.0	)0001); I	²= 859	6		
Test for overall effect: Z =	8.72 (P <	< 0.000i	01)						
5.1.2 28 - 32 weeks									
Assel et al., 2003	93.7	22.3	160	101	15.4	90	12.2%	-7.30 [-12.00, -2.60]	
Gross et al., 2001	104	9	48	109	10	83	24.1%	-5.00 [-8.33, -1.67]	
McGrath et al., 2002	90.3	19	52	100.2	14.8	37	5.5%	-9.90 [-16.93, -2.87]	
Rickards et al., 2001	89	13.8	120	95.9	13.6	41	11.5%	-6.90 [-11.74, -2.06]	
Rose et al., 2011	97.5	13	42	103.69	10	84	13.5%	-6.19 [-10.67, -1.71]	
Short et al., 2003	103.8	17	75	112.2	15	99	11.5%	-8.40 [-13.25, -3.55]	_ <b></b>
Simms et al., 2015	91.29	18.81	113	103.56	20.69	77	8.1%	-12.27 [-18.05, -6.49]	_ <b>-</b>
Woodwood et al., 2017 Subtotal (95% Cl)	89	17	100 <b>710</b>	99.1	15.5	107 <mark>618</mark>	13.7% 100.0%	-10.10 [-14.54, -5.66] - <b>7.60 [-9.25, -5.96]</b>	•
Heterogeneity: Tau <sup>2</sup> = 0.0				= 0.42);1	l²=1%				
Test for overall effect: Z =	3.04 (F 1	- 0.0001	,,,						
5.1.3 33 - 37 weeks			_			_			
Brumbaugh et al., 2016	98.05	15	52	98.65	15	74	21.0%	-0.60 [-5.92, 4.72]	
Chaudhari et al., 2004	82.7	16.9	180	87.8	15.8	90	23.4%	-5.10 [-9.19, -1.01]	
McGrath et al., 2002	91.3	13.9	51	100.2	14.8	37	19.4%	-8.90 [-15.01, -2.79]	
Tandon et al., 2000	100.2	13.8	32	115.2	13.3	29	18.1%	-15.00 [-21.80, -8.20]	
Tandon et al., 2000 Subtotal (95% CI)	113.4	14.9	27 <b>342</b>	125.7	10.4	28 <b>258</b>	18.1% 100.0%	-12.30 [-19.11, -5.49] - <b>7.98 [-12.81, -3.16]</b>	•
Heterogeneity: Tau <sup>2</sup> = 21. Test for overall effect: Z =				(P = 0.00	)6); I² = 1	72%			
		5.001)							
									-20 -10 0 10 20
									Favors term Favors preterm

## **eFigure 4.** Inverse-Variance Random-Effects Forest Plot of Assessment Age and Reading Outcomes for Preterm and Term-Born Children

	Pr	reterm		1	Term			Mean Difference	Mean Difference
Study or Subgroup	Mean	<b>SD</b>	Total	Mean	SD	Total	Weight	IV, Random, 95% Cl	IV, Random, 95% CI
6.1.1 Ages 5 - 8									
Andreias et al., 2010	90	16	183	96	14	176	10.0%	-6.00 [-9.11, -2.89]	
Bowen et al., 2002	96	15.6	48	108.8	12.1	48	7.1%	-12.80 [-18.39, -7.21]	_ <b>-</b>
Cheong et al., 2017	97.1	16.9	133	105.5	13.8	168	9.5%	-8.40 [-11.95, -4.85]	<b>—</b>
Cheong et al., 2017	94.1	17.1	140	109.4	14.2	189	9.6%		
Hutchinson et al., 2013	98	16.1	189	105.5	13.8	173	10.1%	-7.50 [-10.58, -4.42]	
McGrath et al., 2002	93.47	21.73	151	100.1	19.6	37	5.6%	-6.63 [-13.83, 0.57]	
Pritchard et al., 2009	108.88	15.6	102	113	15.5	108	8.7%	-4.12 [-8.33, 0.09]	
Sayeur et al., 2015	106	23.1	10	105	18.2	10	1.4%	1.00 [-17.23, 19.23]	
Short et al., 2003	102.3	17	75	107.6	18	99	7.5%	-5.30 [-10.53, -0.07]	
Tandon et al., 2000	108	14.7	27	117.3	11.1	28	5.9%	-9.30 [-16.20, -2.40]	<b>_</b>
Faylor et al., 2008	98.8	21	155	102	15.4	82	8.1%	-3.20 [-7.89, 1.49]	
Faylor et al., 2011	106.07		194	107.9	16.9	70	8.5%	-1.83 [-6.22, 2.56]	
Taylor et al., 2016	98.2	19.6	194	107.9	16.9	70	8.0%	-9.70 [-14.52, -4.88]	_ <b>—</b>
Subtotal (95% CI)	00.2	10.0	1601	101.0	10.0		100.0%	-7.38 [-9.69, -5.07]	•
Heterogeneity: Tau <sup>2</sup> = 11.	38: Chi <b>?</b> =	38.60	df = 12	(P = 0.00	101) <sup>,</sup> I <sup>2</sup> =				•
Test for overall effect: Z =	•			() = 0.00	.01/,1 =	00,0			
	0.20 (i	0.0000	·/						
6.1.2 Ages 9 - 11									
Brumbaugh et al., 2016	98.8	15	52	100.9	15	74	13.9%	-2.10 [-7.42, 3.22]	
Downie et al., 2007	95.17	10.67	39	104	7.3	15	14.2%	-8.83 [-13.82, -3.84]	_ <b>_</b>
Gross et al., 2001	86.75	10	118	90	10.25	119	15.5%	-3.25 [-5.83, -0.67]	
Grunau et al., 2002	94.5	16.5	74	107	14.1	30	13.2%	-12.50 [-18.79, -6.21]	_ <b></b>
Johnson et al., 2011	80.2	20.3	212	98.5	11.6	153	15.2%	-18.30 [-21.59, -15.01]	
Rose et al., 2011	97.95	14.54	44	100.6	9.76	86	14.3%	-2.65 [-7.42, 2.12]	
Tandon et al., 2000	96	12.2	32	111.1	10.3	29	13.7%	-15.10 [-20.75, -9.45]	
Subtotal (95% CI)			571			506	100.0%	-8.93 [-14.42, -3.43]	◆
Heterogeneity: Tau <sup>z</sup> = 49.	•		df = 6 (F	P < 0.000	101); I <b>z</b> =	91%			
Test for overall effect: Z =	3.18 (P =	0.001)							
5.1.3 Ages 12 - 18									
Botting et al., 1998	91.4	11.1	138	96.9	9.49	163	13.0%	-5.50 [-7.86, -3.14]	
Doyle et al., 2000	95.1	14.1	223	101.2	14.3	160	12.6%	-6.10 [-8.99, -3.21]	
Frye et al., 2009	100.97		62		17.29	97	9.4%	7.44 [1.23, 13.65]	<b>-</b>
Frye et al., 2009	102.74		94		17.29	97	10.4%	9.21 [4.03, 14.39]	
Grunau et al., 2003	103.54			110.59	9.85	31	11.1%	-7.05 [-11.58, -2.52]	_ <b>_</b> _
Litt et al., 2012	88.6	21.9	181	95.5	14.1	115	11.5%	-6.90 [-11.00, -2.80]	_ <b>_</b> _
_oe et al., 2012	105	13.6	72		10.09	42	11.2%	-6.00 [-10.38, -1.62]	
Northam et al., 2012	96	13.0	50	105	10.03	30	9.8%	-9.00 [-14.79, -3.21]	
Rickards et al., 2001	96.8	14.4	120	100.4	12.7	41	9.0%	-3.60 [-14.79, -3.21]	_ <b>_</b>
Subtotal (95% CI)	30.0	14.4	993	100.4	12.7		10.9%	-3.35 [-6.70, 0.01]	◆
Heterogeneity: Tau <sup>2</sup> = 21.	•		df = 8 (F	P < 0.000	101); I² =				-
Test for overall effect: Z =	1.96 (Р =	0.05)							
								-	
									-20 -10 Ó 10 20
									Favors term Favors preterm

# **eFigure 5.** Inverse-Variance Random-Effects Forest Plot of Assessment Age and Mathematics Outcomes for Preterm and Term-Born Children

	Р	reterm		1	<b>Ferm</b>			Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
7.1.1 Ages 5 - 8									
Andreias et al., 2010	89	15	183	98	14	176	13.2%	-9.00 [-12.00, -6.00]	
Assel et al., 2003	93.7	22.3	160	101	15.4	90	7.1%	-7.30 [-12.00, -2.60]	
Bowen et al., 2002	90.8	11	48	104.5	12.2	48	7.2%	-13.70 [-18.35, -9.05]	_ <b>_</b>
Cheong et al., 2017	89.9	17.5	131	99	14.5	168	10.0%	-9.10 [-12.81, -5.39]	
Cheong et al., 2017	89.4	18.9	140	105.1	13.4	188	10.2%	-15.70 [-19.37, -12.03]	
Hutchinson et al., 2013	90	16.9	189	99.1	14.5	173	12.0%	-9.10 [-12.34, -5.86]	
McGrath et al., 2002	90.1	17.57	151	100.2	14.8	37	5.4%	-10.10 [-15.63, -4.57]	_ <b>—</b>
Short et al., 2003	103.8	17	75	112.2	15	99	6.7%	-8.40 [-13.25, -3.55]	_ <b>—</b>
Tandon et al., 2000	113.4	14.9	27	125.7	10.4	28	3.8%	-12.30 [-19.11, -5.49]	
Taylor et al., 1995	92.95	14.8	88	102.3	12.7	58	7.6%	-9.35 [-13.85, -4.85]	
Taylor et al., 2011	95.1	17.04	140	106.12	16.96	111	8.3%	-11.02 [-15.25, -6.79]	
Taylor et al., 2016 Subtotal (95% Cl)	88.8	18.4	194 <b>1526</b>	99.7	14.1	70 <b>1246</b>	8.4% 100.0%	-10.90 [-15.10, -6.70] - <b>10.42 [-11.83, -9.01]</b>	•
Heterogeneity: Tau <sup>2</sup> = 1.5	8; Chi² =	14.86,		(P = 0.19	9); <b>I2</b> = 26			,	
Test for overall effect: Z =	14.47 (P	< 0.00	001)						
7.1.2 Ages 9 - 11									
Brumbaugh et al., 2016	98.05	15	52	98.65	15	74	12.3%	-0.60 [-5.92, 4.72]	-+-
Gross et al., 2001	104	9	48	109	10	83	13.0%	-5.00 [-8.33, -1.67]	
Grunau et al., 2002	90.3	11	74	99.9	10.5	30	12.6%	-9.60 [-14.12, -5.08]	
Johnson et al., 2011	71.2	20.9	215	98.5	15	153	12.9%	-27.30 [-30.97, -23.63]	
Rose et al., 2011	97.5	13	42	103.69	10	84	12.6%	-6.19 [-10.67, -1.71]	
Simms et al., 2015	91.29	18.81	113	103.56	20.69	77	12.1%	-12.27 [-18.05, -6.49]	_ <b>_</b>
Tandon et al., 2000	100.2	13.8	32	115.2	13.3	29	11.7%	-15.00 [-21.80, -8.20]	
Woodwood et al., 2017 Subtotal (95% Cl)	89	17	100 676	99.1	15.5	107 637	12.7% 100.0%	-10.10 [-14.54, -5.66] - <b>10.76 [-17.12, -4.41]</b>	•
Heterogeneity: Tau <sup>2</sup> = 78.				7 (P ≺ 0.0	)0001); I	²= 949	6		
Test for overall effect: Z =	3.32 (P =	= 0.000	9)						
7.1.3 Ages 12 - 18		40.0	4.00	400.4		400	24.50	74014047 400	-
Botting et al., 1998	96.3	13.2		103.4	9 15 0	108	21.5%	-7.10 [-10.17, -4.03]	
Chaudhari et al., 2004	82.7	16.9	180	87.8	15.8	90	16.9%	-5.10 [-9.19, -1.01]	
Doyle et al., 2000	85.4	14.7	223	94.8	15.1	160	21.7%	-9.40 [-12.43, -6.37]	
Grunau et al., 2004		14.25		106.29		31	10.0%	-14.94 [-21.31, -8.57]	
Litt et al., 2012 Diskorda et al., 2004	81.3	20.7	181	93.2	17.2	115	15.9%	-11.90 [-16.26, -7.54]	
Rickards et al., 2001 <b>Subtotal (95% CI)</b>	89	13.8	120 <mark>859</mark>	95.9	13.6		14.1% 100.0%	-6.90 [-11.74, -2.06] - <b>8.77 [-11.18, -6.37]</b>	•
Heterogeneity: Tau <sup>2</sup> = 4.5 Test for overall effect: Z =				P = 0.06)	; <b>I²</b> = 529	%			
. cottor over an enebt. Z =		5.000	,						
									-20 -10 0 10 20
									Favors term Favors preterm

## **eFigure 6.** Inverse-Variance Random-Effects Forest Plot of Birth Era and Reading Outcomes for Preterm and Term-Born Children

		eterm			erm			Mean Difference	Mean Difference
Study or Subgroup	Mean	SD.	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% Cl
8.1.1 1980 - 1990									
Botting et al., 1998	91.4	11.1	138	96.9	9.49	163	11.9%	-5.50 [-7.86, -3.14]	
Bowen et al., 2002	96	15.6	48	108.8	12.1	48	6.9%	-12.80 [-18.39, -7.21]	_ <b>_</b>
Downie et al., 2007	95.17	10.67	39	104	7.3	15	7.7%	-8.83 [-13.82, -3.84]	
Gross et al., 2001	86.75	10	118	90	10.25	119	11.6%	-3.25 [-5.83, -0.67]	
Grunau et al., 2002	94.5	16.5	74	107	14.1	30	6.0%	-12.50 [-18.79, -6.21]	<b>_</b>
Grunau et al., 2004	103.54	10.85	53	110.59	9.85	31	8.3%	-7.05 [-11.58, -2.52]	
McGrath et al., 2002	93.47	21.73	151	100.1	19.6	37	5.1%	-6.63 [-13.83, 0.57]	
Northam et al., 2012	96	14	50	105	12	30	6.6%	-9.00 [-14.79, -3.21]	
Rickards et al., 2001	96.8	14.4	120	100.4	12.7	41	8.1%	-3.60 [-8.26, 1.06]	
Short et al., 2003	102.3	17	75	107.6	18	99	7.3%	-5.30 [-10.53, -0.07]	
Tandon et al., 2000	96	12.2	32	111.1	10.3	29	6.8%	-15.10 [-20.75, -9.45]	_ <b>—</b>
Tandon et al., 2000	108	14.7	27	117.3	11.1	28	5.4%	-9.30 [-16.20, -2.40]	
Taylor et al., 2008	98.8	21	155	102	15.4	82	8.1%	-3.20 [-7.89, 1.49]	
Subtotal (95% CI)			1080			752	100.0%	-7.34 [-9.38, -5.30]	◆
Heterogeneity: Tau <sup>2</sup> = 7.6 Test for overall effect: Z =	•			P = 0.003	i); i² = 6i	)%			
8.1.2 1991 - 2000									
Andreias et al., 2010	90	16	183	96	14	176	8.8%	-6.00 [-9.11, -2.89]	
Brumbaugh et al., 2016	98.8	15	52	100.9	15	74	7.8%	-2.10 [-7.42, 3.22]	-+-
Cheong et al., 2017	97.1	16.9	133	105.5	13.8	168	8.6%	-8.40 [-11.95, -4.85]	
Doyle et al., 2000	95.1	14.1	223	101.2	14.3	160	8.9%	-6.10 [-8.99, -3.21]	
Frye et al., 2009	100.97	20.77	62	93.53	17.29	97	7.4%	7.44 [1.23, 13.65]	<b>_</b> _
Frye et al., 2009	102.74	19.17	94	93.53	17.29	97	7.9%	9.21 [4.03, 14.39]	
Hutchinson et al., 2013	98	16.1	189	105.5	13.8	173	8.8%	-7.50 [-10.58, -4.42]	
Johnson et al., 2011	80.2	20.3	212	98.5	11.6	153	8.7%	-18.30 [-21.59, -15.01]	
Litt et al., 2012	88.6	21.9	181	95.5	14.1	115	8.4%	-6.90 [-11.00, -2.80]	_ <b>-</b>
Loe et al., 2012	105	13.6	72		10.09	42	8.3%	-6.00 [-10.38, -1.62]	
Pritchard et al., 2009	108.88	15.6	102	113	15.5	108	8.3%	-4.12 [-8.33, 0.09]	
Rose et al., 2011		14.54	44	100.6	9.76	86	8.1%	-2.65 [-7.42, 2.12]	
Subtotal (95% CI)			1547				100.0%	-4.58 [-8.18, -0.97]	•
Heterogeneity: Tau <sup>2</sup> = 36. Test for overall effect: Z =	•		, df = 11	I (P < 0.0	10001);1	<b>*</b> = 90%	6		
8.1.3 2001 - 2018									
Cheong et al., 2017	94.1	17.1	140	109.4	14.2	189	30.5%	-15.30 [-18.78, -11.82]	
Sayeur et al., 2015	106	23.1	10	105	18.2	10	11.3%	1.00 [-17.23, 19.23]	<b>_</b>
Taylor et al., 2011	106.07		194	107.9	16.9	70	29.4%	-1.83 [-6.22, 2.56]	— <b>=</b> +
Taylor et al., 2016	98.2	19.6	194	107.9	16.9	70	28.8%	-9.70 [-14.52, -4.88]	_ <b>_</b>
Subtotal (95% CI)			538				100.0%	-7.89 [-15.46, -0.32]	
Heterogeneity: Tau² = 45. Test for overall effect: Z =	•			⊃ < 0.000	1);  ² = (			. ,	-
									-20 -10 0 10 20 Equars form Equars protorm

Favors term Favors preterm

### **eFigure 7.** Inverse-Variance Random-Effects Forest Plot of Birth Era and Mathematics Outcomes for Preterm and Term-Born Children

	Р	reterm		1	Ferm			Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% Cl
9.1.1 1980 - 1990									
Assel et al., 2003	93.7	22.3	160	101	15.4	90	7.8%	-7.30 [-12.00, -2.60]	_ <b></b>
Botting et al., 1998	96.3	13.2	102	103.4	9	108	11.4%	-7.10 [-10.17, -4.03]	
Bowen et al., 2002	90.8	11	48	104.5	12.2	48	7.9%	-13.70 [-18.35, -9.05]	_ <b>-</b> _
Chaudhari et al., 2004	82.7	16.9	180	87.8	15.8	90	9.0%	-5.10 [-9.19, -1.01]	
Gross et al., 2001	104	9	48	109	10	83	10.7%	-5.00 [-8.33, -1.67]	
Grunau et al., 2002	90.3	11	74	99.9	10.5	30	8.2%	-9.60 [-14.12, -5.08]	_ <b>—</b>
Grunau et al., 2004	91.35	14.2	53	106.29	14.45	31	5.4%	-14.94 [-21.30, -8.58]	<b>_</b>
McGrath et al., 2002	90.1	17.57	151	100.2	14.8	37	6.5%	-10.10 [-15.63, -4.57]	(
Rickards et al., 2001	89	13.8	120	95.9	13.6	41	7.6%	-6.90 [-11.74, -2.06]	_ <del></del>
Short et al., 2003	103.8	17	75	112.2	15	99	7.6%	-8.40 [-13.25, -3.55]	
Tandon et al., 2000	113.4	14.9	27	125.7	10.4	28	4.9%	-12.30 [-19.11, -5.49]	<b>_</b>
Tandon et al., 2000	100.2	13.8	32	115.2	13.3	29	4.9%	-15.00 [-21.80, -8.20]	
Taylor et al., 1995	92.95	14.8	88	102.3	12.7	58	8.2%	-9.35 [-13.85, -4.85]	_ <b>_</b>
Subtotal (95% CI)			1158			772	100.0%	-8.96 [-10.74, -7.18]	•
Heterogeneity: Tau <sup>2</sup> = 4.7	'8: Chi <b></b> =	22.48.	df = 12	(P = 0.03)	3): $ ^2 = 4^2$	7%			-
Test for overall effect: Z =	•								
9.1.2 1991 - 2000									
Andreias et al., 2010	89	15	183	98	14	176	11.5%	-9.00 [-12.00, -6.00]	
Brumbaugh et al., 2016	98.05	15	52	98.65	15	74	10.4%	-0.60 [-5.92, 4.72]	
Cheong et al., 2017	89.9	17.5	131	99	14.5	168	11.2%	-9.10 [-12.81, -5.39]	
Doyle et al., 2000	85.4	14.7	223	94.8	15.1	160	11.5%	-9.40 [-12.43, -6.37]	
Hutchinson et al., 2013	90	16.9	189	99.1	14.5	173	11.4%	-9.10 [-12.34, -5.86]	
Johnson et al., 2011	71.2	20.9	215	98.5	15	153	11.3%	-27.30 [-30.97, -23.63]	
Litt et al., 2012	81.3	20.7	181	93.2	17.2	115	10.9%	-11.90 [-16.26, -7.54]	
Rose et al., 2011	97.5	13	42	103.69	10	84	10.8%	-6.19 [-10.67, -1.71]	
Woodwood et al., 2017 Subtotal (95% CI)	89	17	100 <b>1316</b>	99.1	15.5	107 <b>1210</b>	10.9% <b>100.0%</b>	-10.10 [-14.54, -5.66] -10.39 [-14.83, -5.94]	<b>→</b>
Heterogeneity: Tau <sup>2</sup> = 42.	23: Chi <b></b> ≊	= 100.3	4. df = 3	8 (P < 0.0	)0001):	l <sup>z</sup> = 929	6		-
Test for overall effect: Z =									
9.1.3 2001 - 2018									
Cheong et al., 2017	89.4	18.9	140	105.1	13.4	188	32.0%	-15.70 [-19.37, -12.03]	
Simms et al., 2015	91.29	18.81	113	103.56	20.69	- 77	15.7%	-12.27 [-18.05, -6.49]	<b>—</b> •—
Taylor et al., 2011	95.1	17.04	140	106.12	16.96	111	26.0%	-11.02 [-15.25, -6.79]	
Taylor et al., 2016 Subtotal (95% Cl)	88.8	18.4	194 587	99.7	14.1	70 <b>446</b>	26.3% 100.0%	-10.90 [-15.10, -6.70] - <b>12.68 [-15.16, -10.21]</b>	•
Heterogeneity: Tau <sup>2</sup> = 1.4	8; Chi <sup>z</sup> =	3.90, dt	f = 3 (P	= 0.27);1	<b>r</b> = 23%				
Test for overall effect: Z =									
									Favors term Favors preterm