

Supplementary Appendix

Table S1: Distribution of prematurity in the standardisation sample overall, by sex and age.

	Total	Males	Females
	n (%)	n (%)	n (%)
All age groups, total	6402	3321	3081
Term (37-42 weeks)	6039 (94.3)	3125 (94.1)	2914 (94.6)
Late and moderately preterm (32-26 weeks)	343 (5.4)	187 (5.6)	156 (5.1)
Very preterm (25-31 weeks)	20 (0.3)	9 (0.3)	11 (0.4)
23mo 16d to 24mo 15d, total	2185	1136	1049
Term (37-42 weeks)	2099 (96.1)	1081 (95.2)	1018 (97)
Late and moderately preterm (32-26 weeks)	85 (3.9)	55 (4.8)	30 (2.9)
Very preterm (25-31 weeks)	1 (0)	-	1 (0.1)
24mo 16d to 25mo 15d, total	2724	1395	1329
Term (37-42 weeks)	2554 (93.8)	1311 (94)	1243 (93.5)
Late and moderately preterm (32-26 weeks)	167 (6.1)	84 (6)	83 (6.2)
Very preterm (25-31 weeks)	3 (0.1)	-	3 (0.2)
25mo 16d to 26mo 15d, total	1081	570	511
Term (37-42 weeks)	1004 (92.9)	529 (92.8)	475 (93)
Late and moderately preterm (32-26 weeks)	65 (6)	34 (6)	31 (6.1)
Very preterm (25-31 weeks)	12 (1.1)	7 (1.2)	5 (1)
26mo 16d to 27mo 15d, total	412	220	192
Term (37-42 weeks)	382 (92.7)	204 (92.7)	178 (92.7)
Late and moderately preterm (32-26 weeks)	26 (6.3)	14 (6.4)	12 (6.3)
Very preterm (25-31 weeks)	4 (1)	2 (0.9)	2 (1)

Table S2: Mean (95% confidence interval) of non-verbal cognitive, language development and total PRC standardised scores in the standardisation sample¹, by sex and Index of Multiple Deprivation.

	n	Standardised scores		
		Non-verbal cognitive	Language development	Parent Report Composite
<i>Males</i>				
IMD, quintiles				
1st (most deprived)	854	99 (98; 100)	98 (97; 99)	98 (97; 99)
2nd	664	100 (99; 101)	100 (98; 101)	100 (99; 101)
3rd	562	100 (99; 101)	100 (99; 101)	100 (99; 101)
4th	643	101 (100; 102)	101 (100; 102)	101 (100; 102)
5th (least deprived)	553	100 (99; 101)	102 (101; 103)	102 (101; 103)
<i>Females</i>				
IMD, quintiles				
1st (most deprived)	797	100 (99; 101)	99 (98; 100)	99 (98; 100)
2nd	620	100 (99; 101)	100 (99; 101)	100 (99; 101)
3rd	519	100 (99; 102)	100 (99; 101)	100 (99; 101)
4th	574	99 (98; 101)	101 (99; 102)	100 (99; 102)
5th (least deprived)	525	100 (99; 101)	102 (100; 103)	101 (100; 103)

IMD: Index of Multiple Deprivation. ¹Of the n=6402 participants in the standardisation sample, n=91 (46 boys and 45 girls) did not have information on IMD and were excluded from this analysis.

Table S3: Distribution of socio-demographic characteristics in the standardisation sample versus the external validation sample.

	Standardisation sample n=6402	External validation sample n=709	% difference (95% CI) Standardisation vs. validation sample
Child's sex, n (%)			
Male	3321 (52)	350 (49)	2.5 (-1.4; 6.4)
Female	3081 (48)	359 (51)	-2.5 (-6.4; 1.4)
Ethnic background, n (%)			
White	5009 (78)	591 (83)	-5.1 (-8.0; -2.2)
Other	508 (7.9)	118 (17)	-8.7 (-11; -5.9)
Missing	885 (14)	-	-
IMD Quintiles, n (%)			
1st Q (most deprived)	1651 (26)	133 (19)	7.0 (4.0; 10)
2nd Q	1284 (20)	151 (21)	-1.2 (-4.4; 1.9)
3rd Q	1081 (17)	115 (16)	0.7 (-2.2; 3.5)
4th Q	1217 (19)	143 (20)	-1.2 (-4.3; 1.9)
5th Q (least deprived)	1078 (17)	167 (24)	-6.7 (-10.0; -3.5)
Missing	91 (1.4)	-	-

IMD: Index of Multiple Deprivation.

Table S4: Raw Parent Report Composite, non-verbal cognitive and language scale scores observed in the external validation sample and their correspondence with the standardised scores generated by applying the equations derived from the standardisation sample to the external validation sample (V) and using the norms tables (T; Tables S8-S15) derived from the standardisation sample for males.

Total Parent Report Composite score															
24 months				25 months				26 months				27 months			
raw	standardised		Diff(V-T)	raw	standardised		Diff(V-T)	raw	standardised		Diff(V-T)	raw	standardised		Diff(V-T)
	validation	tables			validation	tables				validation		tables			
21	71	71	0	20	68	68	0	18	65	65	0	49	81	81	0
25	73	74	-1	35	77	77	0	49	82	82	0	73	91	90	1
28	75	75	0	36	78	77	1	50	82	82	0	91	97	97	0
29	76	76	0	37	78	78	0	54	84	84	0	97	100	100	0
30	76	77	-1	40	79	79	0	57	85	85	0	101	101	101	0
31	77	77	0	42	80	80	0	61	87	87	0	110	105	105	0
32	77	78	-1	43	81	81	0	62	87	87	0	122	110	110	0
34	78	79	-1	44	81	81	0	65	88	88	0	125	112	111	1
35	79	79	0	45	82	82	0	66	89	89	0	131	115	115	0
38	80	81	-1	46	82	82	0	73	91	91	0	146	125	125	0
39	81	81	0	49	84	83	1	75	92	92	0	154	134	134	0
40	81	82	-1	51	84	84	0	79	94	94	0				
41	82	82	0	54	86	85	1	84	96	95	1				
43	83	83	0	55	86	86	0	87	97	97	0				
44	83	83	0	57	87	87	0	89	97	97	0				
46	84	84	0	58	87	87	0	90	98	98	0				
47	85	85	0	61	88	88	0	99	101	101	0				
48	85	85	0	63	89	89	0	106	104	104	0				
49	85	86	-1	64	90	89	1	117	109	109	0				
50	86	86	0	66	90	90	0	133	117	117	0				
51	86	87	-1	67	91	91	0	134	118	118	0				
52	87	87	0	69	92	91	1	152	134	134	0				

53	87	87	0	70	92	92	0	155	140	140	0
55	88	88	0	72	93	93	0				
56	88	89	-1	73	93	93	0				
57	89	89	0	74	94	93	1				
59	90	90	0	75	94	94	0				
60	90	90	0	79	95	95	0				
62	91	91	0	82	97	96	1				
63	91	91	0	83	97	97	0				
64	91	92	-1	84	97	97	0				
65	92	92	0	85	98	97	1				
66	92	93	-1	87	98	98	0				
68	93	93	0	88	99	99	0				
69	93	94	-1	89	99	99	0				
70	94	94	0	90	100	99	1				
71	94	95	-1	92	100	100	0				
72	95	95	0	93	101	101	0				
73	95	95	0	94	101	101	0				
75	96	96	0	95	101	101	0				
76	96	96	0	97	102	102	0				
77	96	97	-1	99	103	103	0				
78	97	97	0	100	103	103	0				
79	97	98	-1	103	105	104	1				
80	98	98	0	105	105	105	0				
81	98	98	0	108	107	107	0				
82	98	99	-1	109	107	107	0				
83	99	99	0	111	108	108	0				
84	99	99	0	112	108	108	0				
85	100	100	0	113	109	109	0				
86	100	100	0	114	109	109	0				
87	100	101	-1	115	110	110	0				
88	101	101	0	116	110	110	0				

89	101	101	0	118	111	111	0
90	101	102	-1	120	112	112	0
91	102	102	0	125	115	114	1
92	102	102	0	126	115	115	0
93	103	103	0	127	116	115	1
94	103	103	0	129	117	116	1
95	103	104	-1	132	118	118	0
96	104	104	0	135	120	120	0
97	104	104	0	136	121	121	0
98	105	105	0	138	122	122	0
99	105	105	0	142	125	125	0
100	105	106	-1	143	126	126	0
101	106	106	0	144	127	127	0
104	107	107	0	146	129	129	0
105	107	108	-1	151	135	135	0
106	108	108	0	153	138	138	0
107	108	108	0	154	140	140	0
108	109	109	0	157	151	151	0
110	109	110	-1				
111	110	110	0				
113	111	111	0				
114	111	112	-1				
115	112	112	0				
117	113	113	0				
118	113	113	0				
119	113	114	-1				
120	114	114	0				
121	114	115	-1				
122	115	115	0				
125	116	117	-1				
129	119	119	0				

130	119	120	-1												
131	120	120	0												
132	120	121	-1												
133	121	121	0												
135	122	122	0												
136	123	123	0												
137	123	124	-1												
138	124	124	0												
141	126	127	-1												
142	127	128	-1												
144	129	129	0												
146	131	131	0												
150	136	136	0												
151	137	137	0												
152	139	139	0												
154	143	143	0												
Non-verbal cognitive score															
	24 months				25 months				26 months				27 months		
raw	standardised			raw	standardised			raw	standardised			raw	standardised		
	validation	tables	Diff(V-T)		validation	tables	Diff(V-T)		validation	tables	Diff(V-T)		validation	tables	Diff(V-T)
19	72	72	0	15	58	58	0	16	60	59	1	18	65	65	0
20	75	75	0	18	67	67	0	21	75	74	1	23	80	80	0
21	78	79	-1	20	73	73	0	22	78	78	0	26	91	91	0
22	81	82	-1	21	76	76	0	23	81	81	0	27	94	94	0
23	85	85	0	22	79	79	0	24	84	84	0	28	98	98	0
24	88	88	0	23	83	82	1	25	88	87	1	29	103	103	0
25	92	92	0	24	86	86	0	26	91	91	0	32	120	120	0
26	95	95	0	25	89	89	0	27	95	95	0	34	132	132	0
27	99	99	0	26	93	93	0	28	99	99	0				
28	103	103	0	27	97	97	0	29	103	103	0				
29	108	108	0	28	101	101	0	30	108	108	0				

30	112	113	-1	29	105	105	0	31	114	114	0
31	118	118	0	30	110	110	0	32	120	120	0
32	124	124	0	31	116	116	0	33	128	128	0
33	130	130	0	32	122	122	0	34	133	133	0
34	138	138	0	33	129	129	0				
				34	135	135	0				

Language score

24 months				25 months				26 months				27 months			
raw	standardised			raw	standardised			raw	standardised			raw	standardised		
	validation	tables	Diff(V-T)		validation	tables	Diff(V-T)		validation	tables	Diff(V-T)		validation	tables	Diff(V-T)
1	59	59	0	2	61	61	0	2	60	60	0	20	79	79	0
2	63	63	0	9	73	73	0	23	82	82	0	55	95	95	0
5	70	70	0	10	74	74	0	28	85	84	1	57	96	96	0
6	71	71	0	11	75	75	0	30	86	85	1	69	100	100	0
7	73	73	0	14	78	77	1	32	86	86	0	70	101	101	0
8	74	74	0	15	78	78	0	37	89	89	0	72	102	101	1
9	75	75	0	16	79	79	0	39	90	89	1	74	102	102	0
10	76	76	0	19	81	81	0	45	92	92	0	84	106	106	0
11	77	77	0	22	83	83	0	47	93	93	0	94	111	111	0
13	79	79	0	23	83	83	0	52	95	95	0	96	112	112	0
14	79	80	-1	25	85	84	1	57	97	97	0	102	115	115	0
16	81	81	0	26	85	85	0	58	97	97	0	114	123	123	0
17	81	82	-1	27	86	85	1	59	97	97	0	120	131	131	0
18	82	82	0	28	86	86	0	60	98	98	0				
20	83	84	-1	30	87	87	0	65	100	100	0				
21	84	84	0	31	88	87	1	70	102	102	0				
23	85	85	0	33	88	88	0	76	104	104	0				
24	86	86	0	36	90	90	0	78	105	105	0				
25	86	87	-1	37	90	90	0	85	108	107	1				
26	87	87	0	39	91	91	0	101	115	115	0				
27	87	88	-1	40	92	91	1	106	118	118	0				

28	88	88	0	41	92	92	0	118	129	128	1
29	88	89	-1	42	92	92	0	124	143	143	0
30	89	89	0	43	93	93	0				
31	89	89	0	44	93	93	0				
32	90	90	0	46	94	94	0				
33	90	90	0	47	94	94	0				
35	91	91	0	50	96	95	1				
36	91	92	-1	51	96	96	0				
37	92	92	0	54	97	97	0				
38	92	93	-1	55	98	97	1				
40	93	93	0	56	98	98	0				
41	94	94	0	57	98	98	0				
42	94	94	0	58	99	99	0				
43	94	95	-1	59	99	99	0				
45	95	95	0	60	99	99	0				
47	96	96	0	61	100	100	0				
48	96	97	-1	63	101	100	1				
49	97	97	0	64	101	101	0				
50	97	97	0	66	102	102	0				
51	98	98	0	67	102	102	0				
52	98	98	0	68	102	102	0				
53	98	99	-1	70	103	103	0				
54	99	99	0	71	104	103	1				
55	99	99	0	73	104	104	0				
56	99	100	-1	77	106	106	0				
57	100	100	0	78	106	106	0				
58	100	101	-1	80	107	107	0				
60	101	101	0	81	108	107	1				
62	102	102	0	82	108	108	0				
63	102	102	0	84	109	109	0				
64	102	103	-1	86	110	109	1				

65	103	103	0	87	110	110	0
66	103	104	-1	91	112	112	0
67	104	104	0	93	113	113	0
68	104	104	0	94	113	113	0
69	104	105	-1	95	114	113	1
70	105	105	0	97	115	114	1
71	105	105	0	99	116	115	1
72	106	106	0	100	116	116	0
73	106	106	0	102	117	117	0
74	106	107	-1	105	119	119	0
75	107	107	0	107	120	120	0
76	107	107	0	108	121	121	0
77	107	108	-1	109	122	122	0
78	108	108	0	110	122	122	0
80	109	109	0	112	124	124	0
82	109	110	-1	113	125	125	0
83	110	110	0	115	127	127	0
84	110	111	-1	116	128	128	0
85	111	111	0	117	129	129	0
86	111	111	0	120	133	133	0
89	112	113	-1	122	136	136	0
90	113	113	0	124	145	145	0
92	114	114	0				
94	115	115	0				
95	115	116	-1				
99	117	118	-1				
102	119	119	0				
103	119	120	-1				
104	120	120	0				
105	121	121	0				
107	122	122	0				

108	123	123	0			
109	123	124	-1			
110	124	124	0			
112	126	126	0			
115	128	128	0			
116	129	129	0			
117	130	131	-1			
118	132	132	0			
120	134	134	0			
121	136	136	0			
123	139	139	0			
124	147	147	0			

Table S5: Raw Parent Report Composite, non-verbal cognitive and language scale scores observed in the external validation sample and their correspondence with the standardised scores generated by applying the equations derived from the standardisation sample to the external validation sample (V) and using the norms tables (T; Tables S8-S15) derived from the standardisation sample for females.

Total Parent Report Composite score															
24 months				25 months				26 months				27 months			
raw	standardised		Diff(V-T)	raw	standardised		Diff(V-T)	raw	standardised		Diff(V-T)	raw	standardised		Diff(V-T)
	validation	tables		validation	tables	validation		tables	validation	tables		validation	tables		
0	13	13	0	33	69	69	0	30	65	65	0	56	75	75	0
13	56	57	-1	36	70	70	0	37	68	69	-1	68	80	80	0
28	68	68	0	37	71	71	0	40	70	70	0	72	81	81	0
30	69	69	0	38	71	71	0	67	81	81	0	83	85	85	0
32	70	70	0	39	72	72	0	75	84	84	0	97	91	90	1
37	73	73	0	40	72	72	0	82	87	87	0	124	102	102	0
38	73	74	-1	44	74	74	0	83	87	87	0	142	112	112	0
39	74	74	0	47	76	75	1	84	88	88	0	144	114	114	0
40	74	74	0	48	76	76	0	95	92	92	0	150	120	119	1
41	75	75	0	53	78	78	0	96	92	92	0				
45	77	77	0	55	79	79	0	97	93	93	0				
46	77	77	0	56	79	79	0	98	93	93	0				
47	77	78	-1	57	80	80	0	99	93	94	-1				
48	78	78	0	59	81	80	1	103	95	95	0				
51	79	79	0	61	81	81	0	105	96	96	0				
52	80	80	0	65	83	83	0	113	99	99	0				
54	80	81	-1	67	84	84	0	121	103	103	0				
55	81	81	0	70	85	85	0	130	107	107	0				
56	81	82	-1	71	85	85	0	131	108	108	0				
57	82	82	0	72	86	86	0	140	113	113	0				
58	82	82	0	74	87	86	1	142	115	115	0				
59	82	83	-1	75	87	87	0	144	116	116	0				

61	83	84	-1	76	87	87	0	158	140	140	0
63	84	84	0	77	88	87	1				
64	84	85	-1	78	88	88	0				
65	85	85	0	79	88	88	0				
66	85	86	-1	81	89	89	0				
68	86	86	0	82	90	89	1				
69	86	87	-1	87	91	91	0				
70	87	87	0	88	92	92	0				
71	87	87	0	89	92	92	0				
74	88	89	-1	92	93	93	0				
76	89	89	0	93	94	94	0				
77	89	90	-1	95	94	94	0				
79	90	90	0	96	95	95	0				
80	91	91	0	97	95	95	0				
81	91	91	0	99	96	96	0				
83	92	92	0	100	96	96	0				
84	92	92	0	101	97	97	0				
85	92	93	-1	102	97	97	0				
86	93	93	0	105	98	98	0				
87	93	94	-1	106	99	99	0				
88	94	94	0	107	99	99	0				
89	94	94	0	108	100	99	1				
90	94	95	-1	109	100	100	0				
91	95	95	0	111	101	101	0				
92	95	95	0	112	101	101	0				
93	95	96	-1	114	102	102	0				
94	96	96	0	115	103	102	1				
95	96	97	-1	116	103	103	0				
97	97	97	0	117	103	103	0				
98	97	98	-1	118	104	104	0				
99	98	98	0	119	104	104	0				

100	98	99	-1	120	105	105	0
101	99	99	0	121	105	105	0
103	99	100	-1	122	106	106	0
104	100	100	0	123	106	106	0
105	100	101	-1	124	107	106	1
106	101	101	0	125	107	107	0
107	101	101	0	126	108	107	1
108	101	102	-1	127	108	108	0
109	102	102	0	130	110	110	0
110	102	103	-1	131	110	110	0
111	103	103	0	134	112	112	0
112	103	103	0	136	113	113	0
113	104	104	0	137	114	114	0
114	104	104	0	138	115	114	1
116	105	105	0	139	115	115	0
117	105	106	-1	140	116	116	0
118	106	106	0	141	117	116	1
119	106	107	-1	142	117	117	0
121	107	107	0	144	119	119	0
122	108	108	0	145	120	120	0
123	108	108	0	146	121	121	0
125	109	109	0	150	125	125	0
126	110	110	0	151	126	126	0
127	110	110	0	152	128	127	1
128	111	111	0	153	129	129	0
129	111	111	0	154	131	131	0
131	112	113	-1	155	133	133	0
134	114	114	0	156	136	135	1
135	115	115	0				
136	115	116	-1				
137	116	116	0				

138	116	117	-1												
139	117	118	-1												
140	118	118	0												
141	119	119	0												
142	119	120	-1												
143	120	121	-1												
145	122	122	0												
146	123	123	0												
149	126	126	0												
150	127	127	0												
151	128	129	-1												
153	131	131	0												
154	133	133	0												
156	137	137	0												
Non-verbal cognitive score															
raw	24 months			raw	25 months			raw	26 months			raw	27 months		
	validation	tables	Diff(V-T)		validation	tables	Diff(V-T)		validation	tables	Diff(V-T)		validation	tables	Diff(V-T)
0	10	10	0	17	58	58	0	23	76	76	0	24	78	78	0
13	46	46	0	22	74	74	0	24	79	79	0	25	81	81	0
16	56	56	0	23	78	78	0	25	83	83	0	27	89	89	0
18	63	63	0	24	81	81	0	26	86	87	-1	28	93	93	0
21	72	73	-1	25	85	85	0	27	90	90	0	29	97	97	0
22	76	76	0	26	88	88	0	28	94	95	-1	30	102	102	0
23	79	79	0	27	92	92	0	29	99	99	0	34	127	127	0
24	82	83	-1	28	96	96	0	30	104	104	0				
25	86	86	0	29	101	101	0	31	109	109	0				
26	90	90	0	30	106	106	0	32	116	116	0				
27	94	94	0	31	111	111	0	33	123	123	0				
28	98	98	0	32	117	117	0	34	130	130	0				
29	102	103	-1	33	124	124	0								

30	107	107	0	34	132	132	0								
31	113	113	0												
32	119	119	0												
33	124	124	0												
34	134	134	0												
Language score															
raw	24 months			raw	25 months			raw	26 months			raw	27 months		
	validation	standardised	Diff(V-T)		validation	standardised	Diff(V-T)		validation	standardised	Diff(V-T)		validation	standardised	Diff(V-T)
0	49	49	0	6	60	60	0	5	57	57	0	32	77	77	0
3	57	57	0	13	68	68	0	10	63	63	0	34	78	78	0
6	63	63	0	14	69	69	0	12	65	65	0	44	82	82	0
8	65	66	-1	17	72	71	1	40	82	82	0	58	88	88	0
10	68	68	0	18	72	72	0	47	85	85	0	70	92	92	0
12	70	70	0	19	73	73	0	52	87	87	0	96	103	103	0
13	71	71	0	21	74	74	0	55	88	88	0	115	115	115	0
14	71	72	-1	22	75	75	0	57	89	89	0	120	120	120	0
15	72	73	-1	24	76	76	0	62	91	91	0				
17	74	74	0	25	77	76	1	63	91	91	0				
21	76	77	-1	26	77	77	0	71	94	94	0				
22	77	77	0	31	80	80	0	73	95	95	0				
24	78	79	-1	32	80	80	0	74	95	95	0				
26	79	80	-1	33	81	81	0	75	96	96	0				
27	80	80	0	36	82	82	0	78	97	97	0				
30	81	82	-1	38	83	83	0	81	98	98	0				
31	82	82	0	41	84	84	0	87	101	101	0				
32	82	83	-1	42	85	85	0	98	106	106	0				
33	83	83	0	45	86	86	0	101	107	107	0				
34	83	84	-1	50	88	88	0	104	109	109	0				
35	84	84	0	51	89	88	1	106	110	110	0				
36	84	85	-1	52	89	89	0	112	114	114	0				

37	85	85	0	53	89	89	0	115	117	117	0
39	86	86	0	54	90	90	0	124	135	135	0
40	86	87	-1	56	91	90	1				
41	87	87	0	57	91	91	0				
42	87	87	0	59	92	92	0				
43	87	88	-1	60	92	92	0				
44	88	88	0	61	93	92	1				
45	88	89	-1	63	93	93	0				
46	89	89	0	64	94	93	1				
48	90	90	0	66	95	94	1				
50	90	91	-1	67	95	95	0				
51	91	91	0	68	95	95	0				
52	91	92	-1	73	97	97	0				
53	92	92	0	74	98	97	1				
54	92	92	0	75	98	98	0				
55	92	93	-1	76	98	98	0				
56	93	93	0	80	100	100	0				
57	93	94	-1	81	101	100	1				
58	94	94	0	82	101	101	0				
59	94	94	0	83	101	101	0				
60	94	95	-1	84	102	101	1				
61	95	95	0	86	103	102	1				
62	95	96	-1	88	103	103	0				
63	96	96	0	90	104	104	0				
64	96	96	0	91	105	105	0				
65	96	97	-1	92	105	105	0				
66	97	97	0	94	106	106	0				
67	97	97	0	95	107	106	1				
69	98	98	0	96	107	107	0				
70	98	99	-1	97	108	107	1				
71	99	99	0	99	109	108	1				

72	99	99	0	102	110	110	0
73	99	100	-1	104	112	111	1
74	100	100	0	105	112	112	0
77	101	101	0	106	113	112	1
78	101	102	-1	109	115	114	1
79	102	102	0	111	116	116	0
80	102	103	-1	112	117	117	0
81	103	103	0	113	118	118	0
82	103	104	-1	117	122	121	1
84	104	104	0	118	123	123	0
85	104	105	-1	120	126	125	1
86	105	105	0	121	127	127	0
88	106	106	0	122	129	129	0
89	106	107	-1	123	132	131	1
90	107	107	0	124	138	137	1
91	107	108	-1				
92	108	108	0				
95	109	109	0				
96	110	110	0				
97	110	110	0				
98	111	111	0				
99	111	111	0				
100	112	112	0				
102	113	113	0				
104	114	114	0				
105	115	115	0				
106	115	116	-1				
108	116	117	-1				
109	117	118	-1				
110	118	118	0				
111	119	119	0				

112	120	120	0			
114	121	122	-1			
115	122	123	-1			
116	123	124	-1			
117	124	125	-1			
118	126	126	0			
121	130	131	-1			
123	134	135	-1			
124	140	141	-1			

Table S6: Mean standardised non-verbal cognitive, language and Parent Report Composite scores in the external validation sample by sex and main language spoken at home.

Standardised scores (95% CI)				
	n	Non-verbal	Language	PRC
<i>Males, n=344^a</i>				
Language				
English	312	102 (100; 103)	100 (98; 102)	100 (99; 102)
Other	32	105 (100; 110)	99 (93; 104)	99 (94; 105)
<i>Females, n=354^a</i>				
Language				
English	315	100 (98; 102)	99 (97; 101)	99 (97; 101)
Other	39	104 (99; 109)	100 (95; 105)	100 (95; 105)

PRC: Parent Report Composite. ^aOf the 709 children in the external validation sample, 11 (6 boys, 5 girls) had no information on the main language spoken at home and were excluded from this analysis.

Table S7: Distribution of socio-demographic characteristics in the clinical validation samples.

	PANDA, n=692		INIS, n=764	
	Males	Females	Males	Females
Overall, n (%)	342 (49)	350 (51)	437 (57)	327 (43)
Corrected age, n (%)				
23mo 16d to 24mo 15d	234 (68)	232 (66)	309 (71)	237 (72)
24mo 16d to 25mo 15d	91 (27)	96 (27)	88 (20)	62 (19)
25mo 16d to 26mo 15d	14 (4.1)	18 (5.1)	23 (5.3)	17 (5.2)
26mo 16d to 27mo 15d	3 (0.9)	4 (1.1)	17 (3.9)	11 (3.4)
Ethnicity, n (%)			NA ^a	
White	304 (89)	281 (80)		
Other	38 (11)	68 (19)		
Multiple birth, n (%)				
Singleton	238 (70)	241 (69)	379 (87)	295 (90)
Multiple	104 (30)	109 (31)	58 (13)	32 (10)

^aData on ethnicity not available in the INIS sample.

Table S8: Table for derivation of PARCA-R standardised scores from raw scores for males 24 months on all three scales.

Standardised	23mo 16d to 24mo 15d		
	Non-Verbal	Linguistic	PRC
39			1
40			
41			
42			
43			
44			
45			2
46			
47			
48			3
49	1-10		
50	11		
51			4
52	12		
53			5
54			
55	13		6
56			
57	14		7
58			
59		1	8
60	15		9
61			10
62			11
63	16	2	12
64			13
65			14
66	17	3	15
67			16
68		4	17
69	18		18
70		5	19-20
71			21
72	19	6	22-23
73		7	24
74		8	25-26
75		9	27-28
76	20	10	29
77		11	30-31
78		12	32-33
79	21	13	34-35
80		14-15	36-37
81		16	38-39
82	22	17-18	40-41
83		19	42-43

Standardised	23mo 16d to 24mo 15d		
	Non-Verbal	Linguistic	PRC
84		20-21	44-46
85	23	22-23	47-48
86		24-25	49-50
87		26	51-53
88	24	27-28	54-55
89		29-31	56-58
90		32-33	59-60
91		34-35	61-63
92	25	36-37	64-65
93		38-40	66-68
94		41-42	69-70
95		43-45	71-73
96	26	46-47	74-76
97		48-50	77-78
98		51-52	79-81
99	27	53-55	82-84
100		56-58	85-86
101		59-60	87-89
102		61-63	90-91
103		64-65	92-94
104	28	66-68	95-97
105		69-71	98-99
106		72-73	100-102
107		74-76	103-104
108	29	77-78	105-106
109		79-81	107-109
110		82-83	110-111
111		84-86	112-113
112		87-88	114-116
113	30	89-90	117-118
114		91-92	119-120
115		93-94	121-122
116		95-97	123-124
117		98	125-126
118	31	99-100	127-128
119		101-102	129-130
120		103-104	131
121		105	132-133
122		106-107	134
123		108	135-136
124	32	109-110	137
125		111	138-139
126		112	140
127		113	141
128		114	142-143

Standardised	23mo 16d to 24mo 15d		
	Non-Verbal	Linguistic	PRC
129		115	144
130	33	116	145
131		117	146
132		118	147
133		119	148
134		120	
135			149
136		121	150
137		122	151
138			
139	34	123	152
140			
141			153
142			
143			154
144			
145			
146			155
147		124	
148			
149			156
150			
151			
152			
153			
154			
155			157
156			158

Footnote: To find the child’s standardised score, first select the relevant PARCA-R scale (i.e., Non-verbal Cognition, Language Development or Total PRC scale), then read down the corresponding column to locate the child’s raw score for that scale. Finally read along the row to the left to locate the equivalent standardised score for the child’s raw score. For example, a 24 month old boy with a raw score of 12 in the Non-verbal cognition subscale has a standardised score equal to 52. Similarly, a 24 month old boy with a raw total PRC score of 72 has a standardised score equal to 95.

Bold fonts represent the average standardised score (i.e. 100).

Table S9: Table for derivation of PARCA-R standardised scores from raw scores for males 25 months on all three scales.

Standardised	24mo 16d to 25mo 15d		
	Non-Verbal	Linguistic	PRC
36			1
37			
38			
39			
40			
41			
42			2
43			
44			
45			
46			3
47			
48			4
49	1-10		
50	11		
51	12		5
52			
53	13		6
54			7
55	14		
56			8
57			9
58	15	1	
59			10
60			11
61	16	2	12
62			13
63			14
64	17	3	15
65			16
66		4	17-18
67	18		19
68		5	20
69		6	21-22
70	19		23
71		7	24-25
72		8	26-27
73	20	9	28
74		10	29-30
75		11	31-32
76	21	12	33-34
77		13-14	35-36
78		15	37-38
79	22	16	39-40
80		17-18	41-42

Standardised	24mo 16d to 25mo 15d		
	Non-Verbal	Linguistic	PRC
81		19	43-44
82	23	20-21	45-46
83		22-23	47-49
84		24-25	50-51
85		26-27	52-54
86	24	28-29	55-56
87		30-31	57-58
88		32-33	59-61
89	25	34-35	62-64
90		36-37	65-66
91		38-40	67-69
92		41-42	70-71
93	26	43-45	72-74
94		46-47	75-77
95		48-50	78-79
96		51-52	80-82
97	27	53-55	83-85
98		56-57	86-87
99		58-60	88-90
100		61-63	91-92
101	28	64-65	93-95
102		66-68	96-98
103		69-71	99-100
104		72-73	101-103
105	29	74-76	104-105
106		77-78	106-107
107		79-81	108-110
108		82-83	111-112
109		84-86	113-114
110	30	87-88	115-117
111		89-90	118-119
112		91-92	120-121
113		93-94	122-123
114		95-97	124-125
115	31	98	126-127
116		99-100	128-129
117		101-102	130
118		103-104	131-132
119		105	133-134
120		106-107	135
121		108	136-137
122	32	109-110	138
123		111	139-140
124		112	141
125		113	142

Standardised	24mo 16d to 25mo 15d		
	Non-Verbal	Linguistic	PRC
126		114	143
127		115	144
128		116	145
129	33	117	146
130		118	147
131		119	148
132			149
133		120	150
134		121	
135	34		151
136		122	152
137			
138		123	153
139			
140			154
141			
142			
143			155
144			
145		124	
146			156
147			
148			
149			
150			
151			157
152			
153			158

Footnote: To find the child’s standardised score, first select the relevant PARCA-R scale (i.e., Non-verbal Cognition, Language Development or Total PRC scale), then read down the corresponding column to locate the child’s raw score for that scale. Finally read along the row to the left to locate the equivalent standardised score for the child’s raw score. For example, a 25 month old boy with a raw score of 12 in the Non-verbal cognition subscale has a standardised score equal to 51. Similarly, a 25 month old boy with a raw total PRC score of 72 has a standardised score equal to 93.

Bold fonts represent the average standardised score (i.e. 100).

Table S10: Table for derivation of PARCA-R standardised scores from raw scores for males 26 months on all three scales.

Standardised	25mo 16d to 26mo 15d		
	Non-Verbal	Linguistic	PRC
34			1
35			
36			
37			
38			
39			
40			2
41			
42			
43			
44			3
45			
46			
47			4
48			
49	1-11		5
50	12		
51			6
52	13		
53			7
54	14		8
55			
56		1	9
57	15		10
58			11
59	16		12
60		2	13
61			14
62	17	3	15
63			16
64		4	17
65	18		18-19
66		5	20
67			21
68	19	6	22-23
69		7	24
70		8	25-26
71	20	9	27-28
72		10	29-30
73		11	31
74		12	32-33
75	21	13	34-35
76		14	36-37
77		15-16	38-39
78	22	17	40-41

Standardised	25mo 16d to 26mo 15d		
	Non-Verbal	Linguistic	PRC
79		18-19	42-43
80		20	44-46
81	23	21-22	47-48
82		23-24	49-50
83		25-26	51-53
84	24	27-28	54-55
85		29-90	56-58
86		31-32	59-60
87		33-34	61-63
88	25	35-36	64-65
89		37-39	66-68
90		40-41	69-70
91	26	42-43	71-73
92		44-46	74-76
93		47-48	77-78
94		49-51	79-81
95	27	52-54	82-84
96		55-56	85-86
97		57-59	87-89
98		60-62	90-92
99	28	63-64	93-94
100		65-67	95-97
101		68-69	98-99
102		70-72	100-102
103	29	73-75	103-104
104		76-77	105-107
105		78-80	108-109
106		81-82	110-111
107		83-85	112-114
108	30	86-87	115-116
109		88-89	117-118
110		90-91	119-120
111		92-94	121-122
112		95-96	123-124
113		97-98	125-126
114	31	99-100	127-128
115		101	129-130
116		102-103	131-132
117		104-105	133
118		106	134-135
119		107-108	136-137
120	32	109	138
121		110-111	139
122		112	140-141
123		113	142

Standardised	25mo 16d to 26mo 15d		
	Non-Verbal	Linguistic	PRC
124		114	143
125		115	144
126		116	145
127		117	146
128	33	118	147
129			148
130		119	149
131		120	150
132			151
133	34	121	
134			152
135		122	
136			153
137			
138		123	154
139			
140			155
141			
142			156
143		124	
144			
145			157
146			
147			
148			
149			
150			158

Footnote: To find the child’s standardised score, first select the relevant PARCA-R scale (i.e., Non-verbal Cognition, Language Development or Total PRC scale), then read down the corresponding column to locate the child’s raw score for that scale. Finally read along the row to the left to locate the equivalent standardised score for the child’s raw score. For example, a 26 month old boy with a raw score of 12 in the Non-verbal cognition subscale has a standardised score equal to 50. Similarly, a 26 month old boy with a raw total PRC score of 72 has a standardised score equal to 91.

Bold fonts represent the average standardised score (i.e. 100).

Table S11: Table for derivation of PARCA-R standardised scores from raw scores for males 27 months on all three scales.

26mo 16d to 27mo 15d			
Standardised	Non-Verbal	Linguistic	PRC
33			1
34			
35			
36			
37			
38			
39			2
40			
41			
42			
43			3
44			
45			
46			4
47			
48			5
49	1-11		
50	12		6
51			
52	13		7
53			8
54	14		
55			9
56	15	1	10
57			11
58			12
59	16	2	13
60			14
61			15
62	17	3	16
63			17
64		4	18
65	18	5	19-20
66			21
67		6	22-23
68	19	7	24
69		8	25-26
70			27
71	20	9	28-29
72		10-11	30-31
73		12	32-33
74	21	13	34-35
75		14	36-37
76		15	38-39
77	22	16-17	40-41

26mo 16d to 27mo 15d			
Standardised	Non-Verbal	Linguistic	PRC
78		18	42-43
79		19-20	44-45
80	23	21-22	46-48
81		23-24	49-50
82		25	51-52
83		26-27	53-55
84	24	28-29	56-57
85		30-31	58-60
86		32-34	61-62
87	25	35-36	63-65
88		37-38	66-67
89		39-41	68-70
90	26	42-43	71-73
91		44-45	74-75
92		46-48	76-78
93		49-51	79-81
94	27	52-53	82-83
95		54-56	84-86
96		57-58	87-89
97		59-61	90-91
98	28	62-64	92-94
99		65-66	95-96
100		67-69	97-99
101		70-72	100-102
102		73-74	103-104
103	29	75-77	105-107
104		78-79	108-109
105		80-82	110-111
106		83-84	112-114
107	30	85-87	115-116
108		88-89	117-118
109		90-91	119-120
110		92-93	121-122
111		94-95	123-124
112		96-97	125-126
113	31	98-99	127-128
114		100-101	129-130
115		102-103	131-132
116		104	133-134
117		105-106	135
118		107-108	136-137
119		109	138
120	32	110	139-140
121		111-112	141
122		113	142-143

26mo 16d to 27mo 15d			
Standardised	Non-Verbal	Linguistic	PRC
123		114	144
124		115	145
125		116	146
126		117	147
127	33		148
128		118	149
129		119	150
130			151
131		120	152
132	34	121	153
133			
134			154
135		122	155
136			156
137		123	157
138			
139			
140			
141			
142		124	
143			
144			
145			
146			
147			
148			
149			158

Footnote: To find the child’s standardised score, first select the relevant PARCA-R scale (i.e., Non-verbal Cognition, Language Development or Total PRC scale), then read down the corresponding column to locate the child’s raw score for that scale. Finally read along the row to the left to locate the equivalent standardised score for the child’s raw score. For example, a 27 month old boy with a raw score of 12 in the Non-verbal cognition subscale has a standardised score equal to 50. Similarly, a 27 month old boy with a raw total PRC score of 72 has a standardised score equal to 90.

Bold fonts represent the average standardised score (i.e. 100).

Table S12: Table for derivation of PARCA-R standardised scores from raw scores for females 24 months on all three scales.

Standardised	23mo 16d to 24mo 15d		
	Non-Verbal	Language	PRC
10	1-4		
11			
12			
13	5		
14			
15			
16			
17	6		
18			
19			
20			
21			
22	7		
23			
24			
25			
26			
27	8		
28			
29			
30			1
31	9		
32			
33			
34			
35	10		
36			2
37			
38			
39	11		
40			3
41			
42			
43	12		4
44			
45			5
46	13		
47			6
48			
49			7
50	14		
51		1	8
52			9
53	15		10
54			

Standardised	23mo 16d to 24mo 15d		
	Non-Verbal	Language	PRC
55		2	11
56	16		12
57		3	13
58			14
59			15
60	17	4	16-17
61		5	18
62			19
63	18	6	20
64			21-22
65			23
66	19	8	24-25
67		9	26
68		10	27-28
69	20	11	29-30
70		12	31-32
71		13	33-34
72		14	35
73	21	15-16	36-37
74		17	38-40
75		18	41-42
76	22	19-20	43-44
77		21-22	45-46
78		23	47-48
79	23	24-25	49-51
80		26-27	52-53
81		28-29	54-55
82		30-31	56-58
83	24	32-33	59-60
84		34-35	61-63
85		36-37	64-65
86	25	38-39	66-68
87		40-42	69-71
88		43-44	72-73
89		45-46	74-76
90	26	47-49	77-79
91		50-51	80-81
92		52-54	82-84
93		55-56	85-86
94	27	57-59	87-89
95		60-61	90-92
96		62-64	93-94
97		65-67	95-97
98	28	68-69	98-99
99		70-72	100-102

Standardised	23mo 16d to 24mo 15d		
	Non-Verbal	Language	PRC
100		73-74	103-104
101		75-77	105-107
102		78-79	108-109
103	29	80-81	110-112
104		82-84	113-114
105		85-86	115-116
106		87-88	117-118
107	30	89-90	119-121
108		91-93	122-123
109		94-95	124-125
110		96-97	126-127
111		98-99	128-129
112		100	130
113	31	101-102	131-132
114		103-104	133-134
115		105	135
116		106-107	136-137
117		108	138
118		109-110	139-140
119	32	111	141
120		112	142
121		113	143-144
122		114	145
123		115	146
124	33	116	147

Standardised	23mo 16d to 24mo 15d		
	Non-Verbal	Language	PRC
125		117	148
126		118	149
127		119	150
128			
129		120	151
130			152
131		121	
132			153
133		122	154
134	34		
135		123	155
136			
137			156
138			
139			157
140			
141		124	
142			
143			
144			
145			
146			
147			158
148			

Footnote: To find the child's standardised score, first select the relevant PARCA-R scale (i.e., Non-verbal Cognition, Language Development or Total PRC scale), then read down the corresponding column to locate the child's raw score for that scale. Finally read along the row to the left to locate the equivalent standardised score for the child's raw score. For example, a 24 month old girl with a raw score of 12 in the Non-verbal cognition subscale has a standardised score equal to 43. Similarly, a 24 month old girl with a raw total PRC score of 72 has a standardised score equal to 88.

Bold fonts represent the average standardised score (i.e. 100).

Table S13: Table for derivation of PARCA-R standardised scores from raw scores for females 25 months on all three scales.

Standardised	24mo 16d to 25mo 15d		
	Non-Verbal	Language	PRC
10	1-4		
11			
12	5		
13			
14			
15			
16	6		
17			
18			
19			
20			
21	7		
22			
23			
24			
25	8		
26			
27			1
28			
29			
30	9		
31			
32			
33			2
34	10		
35			
36			
37			3
38	11		
39			
40			4
41	12		
42			
43			5
44			
45	13		6
46			
47			7
48	14		8
49			
50		1	9
51			10
52	15		11
53			12
54			13

Standardised	24mo 16d to 25mo 15d		
	Non-Verbal	Language	PRC
55	16	3	14
56			15
57		4	16
58	17		17
59		5	18
60		6	19
61	18		20-21
62		7	22
63		8	23-24
64	19	9	25
65		10	26-27
66		11	28-29
67		12	30
68	20	13	31-32
69		14	33-34
70		15	35-36
71	21	16-17	37-38
72		18	39-40
73		19-20	41-42
74	22	21	43-44
75		22-23	45-47
76		24-25	48-49
77		26-27	50-51
78	23	28	52-54
79		29-30	55-56
80		31-32	57-59
81	24	33-35	60-61
82		36-37	62-64
83		38-39	65-66
84		40-41	67-69
85	25	42-44	70-71
86		45-46	72-74
87		47-48	75-77
88	26	49-51	78-79
89		52-53	80-82
90		54-56	83-85
91		57-58	86-87
92	27	59-61	88-90
93		62-64	91-93
94		65-66	94-95
95		67-69	96-98
96	28	70-71	99-100
97		72-74	101-103
98		75-76	104-105
99		77-79	106-108

Standardised	24mo 16d to 25mo 15d		
	Non-Verbal	Language	PRC
100		80-81	109-110
101	29	82-84	111-113
102		85-86	114-115
103		87-88	116-117
104		89-90	118-119
105		91-93	120-121
106	30	94-95	122-124
107		96-97	125-126
108		98-99	127-128
109		100	129
110		101-102	130-131
111	31	103-104	132-133
112		105-106	134-135
113		107	136
114		108-109	137-138
115		110	139
116		111	140-141
117	32	112	142
118		113-114	143
119		115	144
120		116	145
121		117	146-147

Standardised	24mo 16d to 25mo 15d		
	Non-Verbal	Language	PRC
122			
123		118	148
124	33		149
125			150
126			151
127			152
128			
129			153
130			
131			154
132	34		
133			155
134			
135			156
136			
137		124	
138			157
139			
140			
141			
142			
143			158

Footnote: To find the child's standardised score, first select the relevant PARCA-R scale (i.e., Non-verbal Cognition, Language Development or Total PRC scale), then read down the corresponding column to locate the child's raw score for that scale. Finally read along the row to the left to locate the equivalent standardised score for the child's raw score. For example, a 25 month old girl with a raw score of 12 in the Non-verbal cognition subscale has a standardised score equal to 41. Similarly, a 25 month old girl with a raw total PRC score of 72 has a standardised score equal to 86.

Bold fonts represent the average standardised score (i.e. 100).

Table S14: Table for derivation of PARCA-R standardised scores from raw scores for females 26 months on all three scales.

Standardised	25mo 16d to 26mo 15d		
	Non-Verbal	Language	PRC
10	1-4		
11	5		
12			
13			
14			
15	6		
16			
17			
18			
19	7		
20			
21			
22			
23			
24	8		1
25			
26			
27			
28	9		
29			
30			
31			2
32	10		
33			
34			
35			3
36	11		
37			
38			4
39			
40	12		5
41			
42			
43	13		6
44			7
45			
46			8
47	14		9
48			
49			10
50	15	1	11
51		2	12
52			13
53	16	3	14
54			15

Standardised	25mo 16d to 26mo 15d		
	Non-Verbal	Language	PRC
55		4	16
56			17
57	17	5	18
58		6	19-20
59			21
60	18	7	22-23
61		8	24
62		9	25-26
63	19	10	27
64		11	28-29
65		12	30-31
66	20	13	32-33
67		14	34
68		15	35-36
69	21	16-17	37-38
70		18	39-40
71		19-20	41-43
72		21	44-45
73	22	22-23	46-47
74		24	48-49
75		25-26	50-52
76	23	27-28	53-54
77		29-30	55-56
78		31-32	57-59
79	24	33-34	60-61
80		35-36	62-64
81		37-38	65-67
82		39-41	68-69
83	25	42-43	70-72
84		44-46	73-75
85		47-48	76-77
86		49-50	78-80
87	26	51-53	81-83
88		54-55	84-85
89		56-58	86-88
90	27	59-61	89-91
91		62-63	92-93
92		64-66	94-96
93		67-68	97-98
94		69-71	99-101
95	28	72-73	102-104
96		74-76	105-106
97		77-78	107-108
98		79-81	109-111
99	29	82-83	112-113

Standardised	25mo 16d to 26mo 15d		
	Non-Verbal	Language	PRC
100		84-85	114-116
101		86-88	117-118
102		89-90	119-120
103		91-92	121-122
104	30	93-94	123-124
105		95-96	125-126
106		97-98	127-128
107		99-100	129-130
108		101-102	131-132
109	31	103-104	133-134
110		105	135
111		106-107	136-137
112		108	138
113		109-110	139-140
114		111	141
115		112	142-143
116	32	113	144
117		114	145
118		115	146
119		116	147
120		117	148

Standardised	25mo 16d to 26mo 15d		
	Non-Verbal	Language	PRC
121		118	149
122			150
123	33	119	151
124		120	
125			152
126		121	153
127			
128		122	154
129			
130	34		155
131			
132		123	
133			156
134			
135		124	
136			
137			157
138			
139			
140			158

Footnote: To find the child's standardised score, first select the relevant PARCA-R scale (i.e., Non-verbal Cognition, Language Development or Total PRC scale), then read down the corresponding column to locate the child's raw score for that scale. Finally read along the row to the left to locate the equivalent standardised score for the child's raw score. For example, a 26 month old girl with a raw score of 12 in the Non-verbal cognition subscale has a standardised score equal to 40. Similarly, a 26 month old girl with a raw total PRC score of 72 has a standardised score equal to 83.

Bold fonts represent the average standardised score (i.e. 100).

Table S15: Table for derivation of PARCA-R standardised scores from raw scores for females 27 months on all three scales.

Standardised	26mo 16d to 27mo 15d		
	Non-Verbal	Language	PRC
10	1-4		
11	5		
12			
13	6		
14			
15			
16			
17			
18	7		
19			
20			
21			
22	8		1
23			
24			
25			
26			
27	9		
28			2
29			
30			
31	10		
32			
33			3
34			
35	11		
36			4
37			
38	12		5
39			
40			6
41			
42	13		7
43			
44			8
45	14		9
46			10
47			
48	15		11
49		1	12
50			13
51		2	14
52	16	3	15
53			16
54		4	17-18

Standardised	26mo 16d to 27mo 15d		
	Non-Verbal	Language	PRC
55	17		19
56		5	20
57		6	21
58	18		22-23
59		7	24
60		8	25-26
61	19	9	27-28
62		10	29
63		11	30-31
64		12	32-33
65	20	13	34-35
66		14-15	36-37
67		16	38-39
68	21	17	40-41
69		18-19	42-43
70		20	44-45
71	22	21-22	46-48
72		23-24	49-50
73		25	51-52
74	23	26-27	53-55
75		28-29	56-57
76		30-31	58-60
77		32-33	61-62
78	24	34-35	63-65
79		37-38	66-67
80		39-40	68-70
81	25	41-42	71-73
82		43-44	74-75
83		45-47	76-78
84		48-49	79-81
85	26	50-52	82-83
86		53-54	84-86
87		55-57	87-89
88		58-60	90-91
89	27	61-62	92-94
90		63-65	95-97
91		66-67	98-99
92		68-70	100-102
93	28	71-73	103-104
94		74-75	105-107
95		76-78	108-109
96		79-80	110-112
97	29	81-83	113-114
98		84-85	115-117
99		86-87	118-119

Standardised	26mo 16d to 27mo 15d		
	Non-Verbal	Language	PRC
100		88-90	120-121
101		91-92	122-123
102	30	93-94	124-125
103		95-96	126-127
104		97-98	128-129
105		99-100	130-131
106		101-102	132-133
107		103-104	134-135
108	31	105-106	136
109		107	137-138
110		108-109	139
111		110	140-141
112		111-112	142
113		113	143
114	32	114	144-145
115		115	146
116		116	147
117		117	148
118		118	149

Standardised	26mo 16d to 27mo 15d		
	Non-Verbal	Language	PRC
119			150
120		120	
121			151
122	33		152
123		122	
124			153
125		123	154
126			
127	34		
128			155
129			
130			156
131			
132			
133		124	
134			157
135			
136			
137			158

Footnote: To find the child's standardised score, first select the relevant PARCA-R scale (i.e., Non-verbal Cognition, Language Development or Total PRC scale), then read down the corresponding column to locate the child's raw score for that scale. Finally read along the row to the left to locate the equivalent standardised score for the child's raw score. For example, a 27 month old girl with a raw score of 12 in the Non-verbal cognition subscale has a standardised score equal to 38. Similarly, a 27 month old girl with a raw total PRC score of 72 has a standardised score equal to 81.

Bold fonts represent the average standardised score (i.e. 100).