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2 **Supplementary information**

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4 **Supplementary Table 1.** Baseline characteristics of the mothers of the 2 year old
5 children in the INTERGROWTH-21st Project Neurodevelopment Assessment cohort.
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	Brazil (n=199)	India (n=318)	Italy (n=311)	Kenya (n=311)	UK (n=168)
Maternal age (years)	28.4 (4.0)	26.8 (3.5)	28.7 (4.1)	28.6 (3.6)	30.1 (3.2)
Maternal height (cm)	162.9 (5.5)	158.5 (3.4)	163.5 (6.1)	162.2 (5.5)	166.1 (6.3)
Maternal weight (kg)	64.5 (8.7)	56.3 (8.4)	60.3 (8.1)	63.3 (9.1)	64.6 (8.8)
Paternal height (cm)	173.2 (6.2)	168.1 (5.6)	177.3 (8.9)	174.9 (5.7)	180.4 (6.8)
Maternal BMI (kg/m ²)	24.3 (2.9)	22.4 (3.1)	22.5 (2.7)	24.0 (3.1)	23.4 (2.8)
Gestational age at first ultrasound visit (weeks)	11.3 (1.3)	11.6 (1.6)	12.1 (0.8)	11.7 (1.5)	12.2 (1.1)
Years of formal education	13.6 (3.3)	16.1 (1.3)	13.8 (3.9)	15.5 (1.3)	16.3 (3.0)
Haemoglobin concentration <15 weeks' gestation (g/l)	12.5 (0.9)	11.7 (0.6)	12.9 (0.9)	13.0 (1.2)	12.7 (0.8)
Married or cohabiting	193 (97.0)	314 (98.7)	305 (98.1)	277 (89.1)	167 (99.4)
Nulliparous	147 (73.9)	229 (72.0)	195 (62.7)	198 (63.7)	111 (66.1)

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8 Data are mean (SD) or n (%). BMI: body mass index.
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12 **Supplementary Table 2.** Number of observations available for individual domains of
 13 the INTERGROWTH-21st Neurodevelopment Assessment, Cardiff tests and age of
 14 achievement of two WHO gross motor development milestones.

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Domain	Brazil	India	Italy	Kenya	UK	TOTAL
Cognitive	199	317	310	309	159	1294
Executive function-like	199	317	310	310	161	1297
Attentional problems	199	318	311	311	141	1280
Visual acuity	198	315	305	288	161	1267
Visual contrast sensitivity	191	316	303	286	158	1254
Fine motor	199	317	310	309	159	1294
Gross motor	199	317	310	309	159	1294
Receptive language	199	317	310	309	157	1292
Expressive language	199	317	310	309	159	1294
Positive behaviour	199	317	310	310	161	1297
Negative behaviour	199	317	310	310	161	1297
Total behaviour	199	317	310	310	161	1297
Emotional reactivity	199	318	311	311	141	1280
Positive affect	199	318	311	311	141	1280
Standing alone	194	318	311	306	162	1291
Walking alone	194	318	309	309	164	1294

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