

**Table S1** Total duration of breastfeeding according to possible confounding variables.

Pelotas, Rio Grande do Sul State, Brazil, 1982-2012 (N = 1,126).

2004-2005	Total breastfeeding (months)				
	< 1 n (%)	1 to < 6 n (%)	6 to < 12 n (%)	12 to < 24 n (%)	≥ 24 n (%)
European ancestry (quintiles)			p = 0.033 *		
First	23 (11.9)	31 (16.1)	44 (22.8)	32 (16.6)	63 (32.6)
Second	16 (8.3)	34 (17.7)	41 (21.4)	33 (17.2)	68 (35.4)
Third	20 (10.4)	37 (19.3)	46 (24.0)	32 (16.7)	57 (29.6)
Fourth	27 (14.1)	42 (21.9)	40 (20.8)	34 (17.7)	49 (25.5)
Fifth	26 (13.5)	50 (26.1)	47 (24.5)	39 (20.3)	30 (15.6)
Family income quintiles **			p < 0.001 *		
First (poorest)	19 (8.8)	36 (16.7)	37 (17.1)	42 (19.4)	82 (38.0)
Second	20 (10.0)	36 (17.9)	45 (22.4)	32 (15.9)	68 (33.8)
Third	20 (9.5)	52 (24.6)	48 (22.8)	32 (15.2)	59 (27.9)
Fourth	32 (15.0)	47 (22.0)	50 (23.3)	37 (17.3)	48 (22.4)
Fifth (richest)	23 (11.5)	43 (21.5)	58 (29.0)	45 (22.5)	31 (15.5)
Schooling (completed years)			p < 0.001 *		
0-4	10 (10.8)	11 (11.8)	15 (16.1)	13 (14.0)	44 (47.3)
5-8	34 (10.0)	63 (18.5)	62 (18.2)	67 (19.7)	114 (33.6)
9-11	58 (11.0)	117 (22.2)	138 (26.3)	88 (16.7)	125 (23.8)
≥12	12 (14.5)	23 (27.7)	23 (27.7)	20 (24.1)	5 (6.0)
Leisure physical activity (≥ 150min)			p = 0.734 *		
No	98 (11.0)	186 (20.9)	197 (22.1)	161 (18.1)	249 (27.9)
Yes	16 (10.6)	28 (18.5)	41 (27.2)	27 (17.9)	39 (25.8)
Current smoking			p = 0.968 *		
No	80 (10.8)	155 (20.8)	172 (23.1)	131 (17.6)	206 (27.7)
Yes	34 (11.4)	59 (19.8)	66 (22.2)	57 (19.1)	82 (27.5)

\* Chi-square test;

\*\* Minimum wage.

**Table S2** Breastfeeding per livebirth according to possible confounding variables.

Pelotas, Rio Grande do Sul State, Brazil, 1982-2012 (N = 1,126).

2004-2005	Total breastfeeding/livebirth *				
	< 1 n (%)	1 to < 3 n (%)	3 to < 6 n (%)	6 to < 12 n (%)	≥ 12 n (%)
European ancestry (quintiles)			p = 0.080 **		
First	26 (13.5)	17 (8.8)	40 (20.7)	49 (25.4)	61 (31.6)
Second	17 (8.9)	24 (12.5)	27 (14.1)	53 (27.5)	71 (37.0)
Third	22 (11.5)	19 (9.9)	50 (26.0)	35 (18.2)	66 (34.4)
Fourth	28 (14.6)	26 (13.5)	37 (19.3)	43 (22.4)	58 (30.2)
Fifth	28 (14.6)	27 (14.1)	43 (22.4)	48 (24.9)	46 (24.0)
Family income quintiles ***			p = 0.380 **		
First (poorest)	22 (10.2)	26 (12.0)	51 (23.6)	47 (21.8)	70 (32.4)
Second	20 (10.0)	26 (12.9)	41 (20.4)	49 (24.4)	65 (32.3)
Third	24 (11.4)	28 (13.3)	49 (23.2)	41 (19.4)	69 (32.7)
Fourth	35 (16.4)	24 (11.2)	40 (18.7)	49 (22.9)	66 (30.8)
Fifth (richest)	23 (11.5)	21 (10.5)	37 (18.5)	64 (32.0)	55 (27.5)
Schooling (completed years)			p = 0.708 **		
0-4	14 (15.1)	11 (11.8)	15 (16.1)	19 (20.4)	34 (36.6)
5-8	35 (10.3)	45 (13.2)	77 (22.7)	85 (25.0)	98 (28.8)
9-11	63 (12.0)	58 (11.0)	109 (20.7)	123 (23.4)	173 (32.9)
≥ 12	12 (14.5)	11 (13.3)	17 (20.5)	23 (27.6)	20 (24.1)
Leisure physical activity (≥ 150min)			p = 0.725 **		
No	108 (12.1)	111 (12.5)	187 (21.0)	212 (23.8)	273 (30.6)
Yes	16 (10.6)	14 (9.3)	31 (20.5)	38 (25.2)	52 (34.4)
Current smoking			p = 0.015 **		
No	87 (11.7)	84 (11.3)	139 (18.7)	191 (25.7)	243 (32.6)
Yes	37 (12.4)	41 (13.8)	79 (26.5)	59 (19.8)	82 (27.5)

\* Duration of breastfeeding divided by number of livebirths;

\*\* Chi-square test;

\*\*\* Minimum wage.

**Table S3** Maternal anthropometry according to possible confounding variables.

Pelotas, Rio Grande do Sul State, Brazil, 1982-2012 (N = 1,126).

2004-2005	BMI (kg/m <sup>2</sup> )	Waist circumference (cm)
	Mean (95%CI)	Mean (95%CI)
European ancestry (quintiles)	p = 0.408 *	p = 0.354 *
First	27.97 (27.01; 28.94)	83.39 (81.57; 85.21)
Second	27.39 (26.57; 28.22)	82.01 (80.33; 83.68)
Third	27.41 (26.46; 28.36)	81.99 (80.16; 83.82)
Fourth	26.78 (25.93; 27.62)	80.79 (79.13; 82.46)
Fifth	27.05 (26.21; 27.89)	81.97 (80.33; 83.62)
Family income quintiles **	p = 0.037 *	p = 0.088 *
First (poorest)	26.77 (25.92; 27.62)	81.24 (79.63; 82.84)
Second	27.42 (26.58; 28.26)	82.04 (80.41; 83.67)
Third	28.21 (27.37; 29.05)	83.65 (81.97; 85.32)
Fourth	27.76 (26.85; 28.67)	82.93 (81.11; 84.75)
Fifth (richest)	26.56 (25.80; 27.32)	80.73 (79.23; 82.22)
Schooling (completed years)	p = 0.529 *	p = 0.213 *
0-4	27.46 (26.20; 28.72)	82.27 (79.87; 84.66)
5-8	27.42 (26.67; 28.17)	82.61 (81.17; 84.05)
9-11	27.44 (26.95; 27.93)	82.21 (81.24; 83.18)
≥12	26.37 (25.06; 27.68)	79.49 (77.00; 81.99)
Leisure physical activity (≥ 150 min)	p = 0.290 *	p = 0.316 *
No	27.27 (26.87; 27.67)	81.97 (81.19; 82.76)
Yes	27.85 (26.75; 28.95)	83.04 (80.89; 85.20)
Current smoking	p < 0.001 *	p = 0.005 *
No	27.78 (27.33; 28.24)	82.79 (81.90; 83.69)
Yes	26.23 (25.57; 26.90)	80.46 (79.19; 81.74)

95%CI: 95% confidence interval; BMI: body mass index.

\* ANOVA.

\*\*Minimum wage.

**Table S4** Maternal body composition according to possible confounding variables.

Pelotas, Rio Grande do Sul State, Brazil, 1982-2012 (N = 1,126).

2004-2005	Fat mass index	Fat free mass index	Android/gynoid	Femoral neck
	(kg/m <sup>2</sup> )	(kg/m <sup>2</sup> )	fat ratio	BMD (g/cm <sup>2</sup> )
	Mean (95%CI)	Mean (95%CI)	Mean (95%CI)	Mean (95%CI)
European ancestry (quintiles)	p = 0.926 *	p < 0.001 *	p = 0.457 *	p < 0.001 *
First	10.86 (10.11; 11.60)	17.04 (16.78; 17.31)	0.45 (0.43; 0.47)	1.06 (1.04; 1.08)
Second	10.75 (10.11; 11.39)	16.64 (16.39; 16.89)	0.47 (0.45; 0.48)	1.03 (1.01; 1.04)
Third	10.85 (10.14; 11.55)	16.52 (16.23; 16.81)	0.47 (0.45; 0.48)	1.02 (1.00; 1.04)
Fourth	10.46 (9.80; 11.13)	16.30 (16.07; 16.54)	0.46 (0.44; 0.47)	1.00 (0.99; 1.02)
Fifth	10.81 (10.17; 11.45)	16.27 (16.02; 16.52)	0.45 (0.44; 0.47)	1.00 (0.98; 1.01)
Family income quintiles **	p = 0.009 *	p < 0.001 *	p = 0.287 *	p = 0.035 *
First (poorest)	9.96 (9.34; 10.59)	16.67 (16.41; 16.93)	0.45 (0.44; 0.47)	1.03 (1.02; 1.05)
Second	10.73 (10.08; 11.38)	16.70 (16.45; 16.95)	0.46 (0.45; 0.48)	1.02 (1.00; 1.04)
Third	11.44 (10.79; 12.09)	16.81 (16.56; 17.06)	0.46 (0.45; 0.48)	1.03 (1.02; 1.05)
Fourth	11.24 (10.55; 11.92)	16.54 (16.27; 16.81)	0.47 (0.45; 0.48)	1.02 (1.00; 1.04)
Fifth (richest)	10.45 (9.84; 11.05)	16.05 (15.84; 16.25)	0.44 (0.43; 0.46)	1.00 (0.99; 1.02)
Schooling (completed years)	p = 0.475 *	p < 0.001 *	p = 0.192 *	p = 0.062 *
0-4	10.30 (9.33; 11.27)	17.07 (16.69; 17.46)	0.46 (0.43; 0.49)	1.05 (1.02; 1.08)
5-8	10.72 (10.16; 11.28)	16.70 (16.48; 16.92)	0.46 (0.45; 0.48)	1.02 (1.01; 1.04)
9-11	10.95 (10.57; 11.33)	16.46 (16.31; 16.60)	0.46 (0.45; 0.47)	1.02 (1.01; 1.03)
≥12	10.31 (9.29; 11.32)	16.03 (15.71; 16.35)	0.43 (0.41; 0.45)	1.00 (0.98; 1.02)
Leisure physical activity (≥150min)	p = 0.168 *	p = 0.657 *	p = 0.984 *	p = 0.695 *
No	10.68 (10.38; 10.99)	16.55 (16.42; 16.67)	0.46 (0.45; 0.47)	1.02 (1.01; 1.03)
Yes	11.26 (10.39; 12.12)	16.62 (16.32; 16.92)	0.46 (0.44; 0.48)	1.03 (1.00; 1.05)
Current smoking	p < 0.001 *	p = 0.484 *	p = 0.060 *	p = 0.687 *
No	11.18 (10.84; 11.52)	16.58 (16.44; 16.72)	0.46 (0.45; 0.47)	1.02 (1.01; 1.03)
Yes	9.72 (9.20; 10.24)	16.49 (16.30; 16.69)	0.45 (0.43; 0.46)	1.02 (1.01; 1.03)

95%CI: 95% confidence interval; BMD: bone mineral density.

\* ANOVA;

\*\* Minimum wage.