

CORRECTION

# Correction: Effectiveness of Home Visits in Pregnancy as a Public Health Measure to Improve Birth Outcomes

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There are a number of errors in [Table 2](#). Please see the corrected [Table 2](#) here.



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**Table 2. Baseline characteristics and outcomes of the home-visit program**

Characteristics	Whole sample			Propensity score-matched sample			
	N. (%)	HOME VISIT PROGRAM(+) (n = 410)	HOME VISIT PROGRAM(-) (n = 554)	P Value	HOME VISIT PROGRAM(+) (n = 311)	HOME VISIT PROGRAM(-) (n = 311)	P Value
Mother							
Age, mean (SD), y	30.5 (7.2)		30.0 (7.0)	0.23	30.2 (7.1)	30.1 (7.2)	0.88
Marital status							
Married	296 (72.2)		357 (64.4)		215 (69.1)	214 (68.8)	
Unmarried	114 (27.8)		197 (35.6)	0.01	96 (30.9)	97 (31.2)	0.93
Parity							
0	333 (81.2)		313 (56.5)		235 (75.6)	233 (74.9)	
1≥	77 (18.8)		241 (43.5)	<0.001	76 (24.4)	78 (25.1)	0.85
History of miscarriage	94 (22.9)		119 (21.5)	0.59	62 (19.9)	67 (21.5)	0.62
History of stillbirth	6 (1.5)		26 (4.7)	<0.001	6 (1.9)	6 (1.9)	0.99
Late submission of notification of pregnancy (over 22week)	17 (4.2)		38 (6.9)	0.07	14 (4.5)	12 (3.9)	0.69
Twin pregnancy	45 (11.0)		66 (11.9)	0.65	39 (12.5)	40 (12.9)	0.90
Prenatal smoking	46 (11.2)		111 (20.0)	<0.001	40 (12.9)	45 (14.5)	0.56
Prenatal alcohol consumption	41 (10.1)		67 (12.6)	0.23	33 (10.7)	34 (11.0)	0.90
Past or present disease*	163 (40.0)		142 (26.1)	<0.001	104 (33.6)	104 (33.6)	1.00
Present mental illness†	54 (13.2)		59 (10.7)	0.23	38 (12.2)	43 (13.8)	0.55
Present physical disease‡	59 (14.4)		73 (13.2)	0.59	21 (6.8)	20 (6.4)	0.87
Foreign nationality§	29 (7.1)		27 (4.9)	0.15	17 (5.5)	15 (4.8)	0.72
Unhappy about pregnancy	51 (12.6)		111 (20.9)	0.001	40 (13.1)	42 (13.7)	0.84
History of fertility treatment	77 (19.2)		65 (12.2)	0.004	52 (17.1)	51 (16.7)	0.91
Having someone who can give advice on child rearing							
Yes	407 (99.3)		525 (94.8)	0.42	308 (99.0)	307 (98.7)	0.70
Partner	275 (67.1)		356 (64.3)	0.36	211 (71.1)	219 (70.4)	0.86
Parents	276 (67.3)		372 (67.2)	0.96	225 (72.4)	220 (70.7)	0.66
Step-parents	129 (31.5)		142 (25.6)	0.05	100 (32.2)	95 (30.6)	0.67
Siblings	117 (28.5)		172 (31.1)	0.40	99 (31.8)	88 (28.3)	0.34
Friends	319 (77.8)		374 (67.5)	<0.001	234 (75.2)	237 (76.2)	0.78
Having someone who can give support with child rearing							
Yes	407 (99.3)		525 (94.8)	<0.001	308 (99.0)	307 (98.7)	0.70
Partner	289 (70.5)		282 (50.9)	<0.001	206 (66.2)	206 (66.2)	0.99
Parents	253 (61.7)		327 (59.0)	0.40	205 (65.9)	204 (65.6)	0.93
Step-parents	94 (22.9)		103 (18.6)	0.10	72 (23.2)	72 (23.2)	0.99
Siblings	58 (14.2)		92 (16.6)	0.30	46 (14.8)	44 (14.2)	0.82
Friends	45 (11.0)		44 (7.9)	0.11	31 (10.0)	29 (9.3)	0.79
Working at time of pregnancy registration	195 (50.4)		275 (53.0)	0.44	164 (4.9)	154 (51.7)	0.44
Returning to hometown before deliver 'Satogaeri'	178 (43.4)		204 (36.8)	0.04	138 (44.4)	132 (42.4)	0.63
Used child care services							
Yes	291 (73.1)		446 (84.0)		233 (76.6)	239 (78.1)	
Rarely	80 (20.1)		73 (13.8)	<0.001	60 (19.7)	56 (18.3)	
Never	27 (6.8)		12 (2.3)		11 (3.6)	11 (3.6)	0.90
Feeling unloved by parents when growing up	35 (8.9)		49 (9.5)	0.76	25 (8.4)	26 (8.7)	0.89

(Continued)

Table 2. (Continued)

Characteristics	Whole sample			Propensity score-matched sample			
	N. (%)			N. (%)			
	HOME VISIT PROGRAM(+) (n = 410)	HOME VISIT PROGRAM(-) (n = 554)	P Value	HOME VISIT PROGRAM(+) (n = 311)	HOME VISIT PROGRAM(-) (n = 311)	P Value	
Knowing someone who has experience in rearing a child							
Yes, many people	264 (66.0)	407 (76.9)		210 (68.9)	225 (72.3)		
Yes, a few people	80 (20.0)	76 (14.4)	0.001	60 (19.7)	51 (16.6)		
No, do not know	56 (14.0)	46 (8.7)		35 (11.5)	31 (10.1)	0.48	
Low capacity of child rearing	8 (2.0)	28 (5.1)	0.01	7 (2.3)	8 (2.6)	0.79	
Worrying about pregnancy due to previous negative experiences of delivery	12 (2.9)	28 (5.1)	0.10	11 (3.5)	7 (2.3)	0.34	
Worrying about:							
Child rearing	192 (46.8)	213 (38.5)	0.01	142 (45.7)	140 (45.0)	0.87	
Money	184 (44.9)	250 (45.1)	0.94	142 (45.7)	146 (47.0)	0.75	
Disease	89 (21.7)	97 (17.5)	0.10	62 (19.9)	63 (20.3)	0.92	
Partner	28 (6.8)	52 (9.4)	0.16	24 (7.7)	28 (9.0)	0.56	
Supporters or advisers	35 (8.5)	34 (6.1)	0.15	22 (7.1)	26 (8.4)	0.55	
Job	99 (24.2)	130 (23.5)	0.81	80 (25.7)	77 (24.8)	0.78	
Relationships with neighbors	64 (15.6)	62 (11.2)	0.04	45 (14.5)	47 (15.1)	0.82	
Relationships with relatives	16 (3.9)	37 (6.7)	0.06	15 (4.8)	18 (5.8)	0.59	
Partner	Age, mean (SD), y		0.07	33.4 (7.6)		33.0 (7.9)	0.55
	Knowing about partner's pregnancy		0.08	298 (97.4)		297 (97.7)	0.80
	Unhappy about partner's pregnancy		0.005	30 (10.2)		32 (10.9)	0.79
Family							
Living with:							
	Partner		0.001	210 (90.5)		206 (90.4)	0.95
	Partner's parents		0.41	86 (27.7)		93 (29.9)	0.54
	Smoking during partner's pregnancy		0.59	116 (37.3)		116 (37.3)	0.99
	Economic problems		0.07	72 (23.2)		73 (23.5)	0.92

Note From the questionnaire: a "Do you have any disease that is currently under treatment or was treated in the past?"

b From risk assessment by public health nurses in first interview

c From risk assessment by public health nurses in first interview

d Prenatal mothers who emigrated to Japan or were staying in Japan long-term

e Abbreviations: LBW: low birth weight; SGA: small for gestational age

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There are a number of errors in [Table 4](#). Please see the corrected [Table 4](#) here.

**Table 4. Effects of home-visit program on birth outcomes**

Model	BW <sup>a</sup>	Gestational age	Z-score of birth weight	LBW <sup>a</sup> (<2500g)	Preterm birth (<37 week)	SGA <sup>a</sup> (10 percentile<)
	Coefficient (95% CI)			Odds ratio (95% CI)		
Unadjusted	<b>138.3</b> (63.2 to 213.4)	<b>0.67</b> (0.33 to 1.00)	<b>0.25</b> (0.11 to 0.38)	<b>0.70</b> (0.49 to 0.98)	<b>0.62</b> (0.41 to 0.94)	<b>0.62</b> (0.43 to 0.91)
Multivariable adjusted	<b>115.4</b> (51.2 to 179.7)	<b>0.49</b> (0.19 to 0.79)	0.09 (-0.05 to 0.22)	<b>0.63</b> (0.40 to 0.99)	<b>0.47</b> (0.26 to 0.84)	0.81 (0.50 to 1.32)
Propensity score-matched	<b>107.8</b> (27.0 to 188.5)	<b>0.55</b> (0.18 to 0.92)	0.47 (-0.11 to 0.20)	0.73 (0.48 to 1.09)	<b>0.62</b> (0.39 to 0.98)	0.96 (0.56 to 1.66)
Propensity score-matched + multivariable adjusted	<b>99.1</b> (20.5 to 177.6)	<b>0.61</b> (0.25 to 0.96)	0.01 (-0.14 to 0.17)	0.26 (0.052 to 1.26)	<b>0.03</b> (0.001 to 0.64)	0.71 (0.22 to 2.34)

Note <sup>a</sup> Abbreviations: BW: birth weight; LBW: low birth weight; SGA: small for gestational age

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## Reference

1. Ichikawa K, Fujiwara T, Nakayama T (2015) Effectiveness of Home Visits in Pregnancy as a Public Health Measure to Improve Birth Outcomes. PLoS ONE 10(9): e0137307. doi:[10.1371/journal.pone.0137307](https://doi.org/10.1371/journal.pone.0137307) PMID: [26348847](https://pubmed.ncbi.nlm.nih.gov/26348847/)