Appendix 3. Relationship between bidet toilet use and preterm birth, in detail (n=1293*)

a) Frequency of bidet toilet use and preterm birth Rear cleansing use

Frequency of rear cleansing use	Mature birth	Preterm birth	Adjusted OR [†]	95% CI
≥3 times/day	49 (4.5)	8 (3.9)	0.94	0.37, 2.42
1-2 times/day	345 (31.7)	68 (33.2)	1.26	0.84, 1.88
once/2-3 day	116 (10.7)	25 (12.2)	1.24	0.72, 2.15
≤once/4day	91 (8.4)	13 (6.3)	0.85	0.43, 1.67
Never use	475 (43.7)	91 (44.4)	ref	ref
Unknown, missing	12 (1.1)	0 (0)	-	-
Total	1088 (100)	205 (100)		
P for trend [‡]			0.30	

Front cleansing use

Frequency of front cleansing use	Mature birth	Preterm birth	Adjusted OR [†]	95% CI
≧3 times/day	139 (12.8)	32 (15.6)	1.44	0.88, 2.36
1-2 times/day	136 (12.5)	24 (11.7)	1.00	0.59, 1.70
once/2-3 day	39 (3.6)	6 (2.9)	0.60	0.21, 1.71
≤once/4day	145 (13.3)	28 (13.7)	1.11	0.67, 1.83
Never use	598 (55.0)	110 (53.7)	ref	ref
Unknown, missing	31(2.8)	5 (2.4)	-	-
Total	1088 (100)	205 (100)		
P for trend [‡]			0.31	

Asakura K, Nakano M, Yamada M, Takahashi K, Sueoka K, and Omae K. Effect of bidet toilet use on preterm birth and vaginal flora in pregnant women. Obstet Gynecol 2013;121.

The authors provided this information as a supplement to their article.

b) Length of bidet toilet use and preterm birth

Rear cleansing use

Length of rear cleansing use	Mature birth	Preterm birth	Adjusted OR [†]	95% CI
≧1minute	47 (4.3)	13 (6.3)	1.79	0.84, 3.82
30 seconds- 1 minute	142 (13.1)	25 (12.2)	1.09	0.62, 1.90
15-30 seconds	170 (15.6)	28 (13.7)	1.14	0.69, 1.90
<15 seconds	234 (21.5)	46 (22.4)	1.12	0.71, 1.75
Never use	475 (43.7)	91 (44.4)	ref	ref
Unknown, missing	20 (1.8)	2 (1.0)	-	-
Total	1088 (100)	205 (100)		
P for trend [‡]			0.26	

Front cleansing use

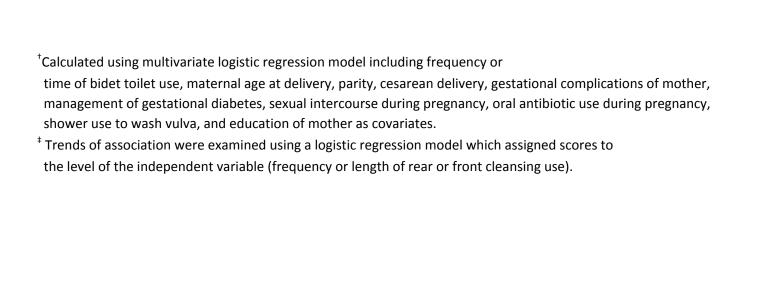
Length of front cleansing use	Mature birth	Preterm birth	Adjusted OR [†]	95% CI
≧1minute	17 (1.6)	6 (2.9)	1.44	0.48, 4.27
30 seconds- 1 minute	96 (8.8)	17 (8.3)	1.15	0.62, 2.15
15-30 seconds	129 (11.9)	29 (14.1)	1.40	0.85, 2.31
<15 seconds	220 (20.2)	37 (18.0)	0.88	0.56, 1.39
Never use	598 (55.0)	110 (53.7)	ref	ref
Unknown, missing	28 (2.6)	6 (2.9)	-	-
Total	1088 (100)	205 (100)		
P for trend [‡]			0.27	

OR, odds ratio; CI, confidence interval.

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^{*}The analyzed subjects were the same as those in Appendix 2.



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