Appendix 2. Difference Between Responders and Nonresponders (n=2,545)

Variables	Class	Responders	Nonresponders	P^*	All Targeted Participants
		n=1404	n=1141		n=2545
Gestational age at delivery (week)	mean (SD)	37.8 (2.3)	37.5 (3.4)	0.01	
	22-26	21 (1.5)	27 (2.4)		48 (1.9)
	27-30	25 (1.8)	38 (3.3)		63 (2.5)
	31-33	44 (3.1)	46 (4.0)		90 (3.5)
	34-36	179 (12.7)	131 (11.5)		310 (12.2)
	37-41	1133 (80.7)	895 (78.4)		2028 (79.7)
	42-	1 (0.1)	2 (0.2)		3 (0.1)
	Missing	1 (0.1)	2 (0.2)		3 (0.1)
Preterm birth	No	1134 (80.8)	897 (78.6)	0.19	2031 (79.8)
	Yes	269 (19.2)	242 (21.2)		511 (20.1)
	Missing	1 (0.1)	2 (0.1)		3 (0.1)
Weight of newborn (g)	mean (SD)	2815.5 (602.4)	2740.1 (673.3)	0.003	2781.7 (636.2)
	range	380.0, 4952.0	265.0, 4238.0		265, 4952
Maternal age at delivery (year)	mean (SD)	35.1 (4.6)	34.0 (4.8)	<0.0001	34.6 (4.7)
	range	20, 50	17, 54		17, 54
Systemic complications of mother during pregnancy	No	703 (50.1)	608 (53.3)	0.11	1311 (51.5)

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	Yes	697 (49.6)	531 (46.5)		1228 (48.3)
	Missing	4 (0.3)	2 (0.2)		6 (0.2)
Gestational complications of mother	No	931 (66.3)	790 (69.2)	0.19	1721 (67.6)
	Yes	450 (32.1)	341 (29.9)		791 (31.1)
	Missing	23 (1.6)	10 (0.9)		33 (1.3)
Management for gestational diabetes	No	1304 (92.9)	1076 (94.3)	0.31	2380 (93.5)
	Yes	88 (6.3)	61 (5.4)		149 (5.9)
	Missing	12 (0.9)	4 (0.4)		16 (0.6)
Cesarean delivery	No	759 (54.1)	650 (57.0)	0.12	1409 (55.4)
	Yes	644 (45.9)	487 (42.7)		1131 (44.4)
	Missing	1 (0.1)	4 (0.4)		5 (0.2)
Parity	0	939 (66.9)	773 (67.8)	0.64	1712 (67.3)
	One and over	465 (33.1)	368 (32.3)		833 (32.7)
Lactobacillus	Not detected	327 (25.4)	252 (24.1)	0.46	579 (24.8)
	Detected	960 (74.6)	794 (75.9)		1754 (75.2)
	Missing[†]	117	95		212
Bacterial vaginosis	No	1049 (81.7)	853 (82.2)	0.77	1902 (81.9)
	Yes	235 (18.3)	185 (17.8)		420 (18.1)
	Missing[†]	120	103		223
Fungus	Not detected	1130 (87.5)	928 (88.1)	0.66	2058 (87.8)

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Detected	161 (12.5)	125 (11.9)	286 (12.2)
Missing[†]	113	88	201

SD, standard deviation.

Data are n (%) or mean (SD) unless otherwise specified.

[*]Compared between responders and non-responders using the chi-square test and unpaired t test. The categories for missing were not used in chi-square test.

[†]Included participants who did not have microbiological screening test for cervicovaginal secretions during pregnancy and those whose results were insufficient. These participants were excluded from the calculation to examine the proportion of participants with positive findings.