

**S8 Table. Comparing baseline characteristics in pregnancies with missing vs. complete potential confounding information by study groups in the modified intention to treat population**

	Modified intention to treat population									
	SWE-GDM criteria (n=22 797)					WHO-2013 criteria (n=24 383)				
	Missing potential confounders (n=994)		Complete potential confounders (n=21 803)			Missing potential confounders (n=1 146)		Complete potential confounders (n=23 137)		
<b>Maternal characteristics</b>	n		n		P*	n		n		P*
Age at childbirth, years	994	31.3 (28-35)	21 803	31.7 (28-35)	0.29	1 146	30.8 (28-35)	23 137	31.3 (28-35)	0.026
Body height at first visit, cm	454	167 (163-170)	21 625	166 (162-170)	0.23	575	166 (162-170)	22 920	166 (161-170)	0.46
Body weight at first visit, kg	438	66 (59-74)	21 217	66 (59-75)	0.90	556	66 (59-75)	22 568	66 (59-75)	0.40
BMI at first visit, kg/m <sup>2</sup>	437	23.5 (22-27)	21 154	23.7 (21-27)	0.80	550	23.9 (22-27)	22 491	23.9 (22-27)	0.46
Underweight (<18.5)		14 (3.2)		533 (2.5)			15 (2.7)		605 (2.7)	
Normal (18.5-24.9)		257 (58.8)		12 448 (58.8)			317 (57.6)		12 840 (57.1)	
Overweight (25.0-29.9)		107 (24.5)		5 351 (25.3)			135 (24.5)		5 773 (25.7)	
Obesity class I (30.0-34.9)		44 (10.1)		1 995 (9.4)			47 (8.6)		2 242 (10.0)	
Obesity class II (35.0-39.9)		10 (2.3)		610 (2.9)			23 (4.2)		737 (3.3)	
Obesity class III (≥40.0)		5 (1.1)		217 (1.0)			13 (2.4)		294 (1.3)	
Parity <sup>†</sup>	994		21 803		0.018	1 145		23 137		0.76
0		479 (48.2)		9 305 (42.7)			464 (40.5)		9 425 (40.7)	

1		341 (34.3)		8 196 (37.6)			430 (37.5)		8 621 (37.3)	
2		123 (12.4)		3 034 (13.9)			165 (14.4)		3 425 (14.8)	
3		32 (3.2)		824 (3.8)			60 (5.2)		1 054 (4.6)	
≥4		19 (1.9)		444 (2.0)			26 (2.3)		612 (2.6)	
Chronic hypertension <sup>‡</sup>	994	7 (0.7)	21 803	157 (0.7)	0.95	1 146	8 (0.7)	23 137	165 (0.7)	0.95
Smoking at first visit	7		21 803		>0.99	2		23 137		>0.99
No		7 (100.0)		21 087 (96.7)			2 (100.0)		22 307 (96.4)	
1-9 cig/day		0 (0.0)		597 (2.7)			0 (0.0)		668 (2.9)	
≥10 cig/day		0 (0.0)		119 (0.6)			0 (0.0)		162 (0.7)	
Swedish snuff at first visit	938	67 (7.1)	21 803	124 (0.6)	<0.001	948	81 (8.5)	23 137	155 (0.7)	<0.001
Country of birth <sup>§</sup>	987		21 803		<0.001	1 144		23 137		<0.001
Sweden		782 (79.2)		14 810 (67.9)			863 (75.4)		15 581 (67.3)	
Europe except Sweden		69 (7.0)		2 311 (10.6)			109 (9.5)		2 350 (10.2)	
Middle East and North Africa		62 (6.3)		2 199 (10.1)			67 (5.9)		2 427 (10.5)	
North America and Caribbean		4 (0.4)		97 (0.4)			6 (0.5)		108 (0.5)	
South and Central America		11 (1.1)		292 (1.3)			11 (1.0)		277 (1.2)	
Africa		35 (3.5)		1 221 (5.6)			53 (4.6)		1 509 (6.5)	
South East Asia		5 (0.5)		285 (1.3)			11 (1.0)		307 (1.3)	
Western Pacific		19 (1.9)		588 (2.7)			24 (2.1)		578 (2.5)	
Highest education, years	958		21 024		<0.001	1 102		22 410		0.81
<9 (school education)		19 (2.0)		659 (3.1)			35 (3.2)		823 (3.7)	
9 (school education)		52 (5.4)		1 179 (5.6)			72 (6.5)		1 379 (6.1)	

10-11 (school education)		37 (3.9)		1 493 (7.1)			72 (6.5)		1 616 (7.2)	
12 (school education)		249 (26.0)		4 922 (23.4)			298 (27.0)		5 682 (25.3)	
<3 (college/university)		171 (17.8)		3 284 (15.6)			161 (14.6)		3 337 (14.9)	
≥3 (college/university)		423 (44.1)		9 255 (44.0)			450 (40.8)		9 296 (41.5)	
Doctor/licentiate degree		7 (0.7)		232 (1.1)			14 (1.3)		277 (1.2)	

Data are n (%) or median (IQR) unless stated otherwise.

\*P is calculated with t-test for continuous variables and chi-2 test for categorical variables.