Maternal obesity and severe pre-eclampsia among immigrant women: a mediation analysis SUPPLEMENTARY TABLES

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Supplementary table 1. Sensitivity analysis: Obesity*-mediated effect of maternal place of birth on severe preeclampsia - additional adjustment by prenatal care utilization

	Total unadjusted OR (95%CI)	Adjusted for: age, parity**, overall social deprivation***, and prenatal care utilization†			
		Total adjusted aOR (95%CI)	Direct aOR (95%CI)	Obesity-mediated indired aOR (95%CI)	
					N
Maternal place of birth					
France and Europe	1.00	1.00	1.00	1.00	
North Africa	0.77 (0.33-1.81)	0.80 (0.36-1.78)	0.75 (0.34-1.65)	1.07 (1.00-1.13)	
Sub-Saharan Africa	2.27 (1.00-5.13)	2.52 (1.33-4.74)	2.13 (1.14-3.99)	1.18 (1.04-1.35)††	
Other	1.33 (0.47-3.75)	1.34 (0.41-4.36)	1.43 (0.44-4.69)	0.94 (0.88-1.01)	
	, (,,	2.5 . (62	21.10 (01.1. 11.03)	0.5 . (0.65 2.62)	

^{*}Obesity (BMI >= 30kg/m2); reference: normal weight (BMI 18.5-24.9kg/m2)

^{**}Primiparous or multiparous

^{***}Any of the following: (1) socially isolated (2) poor housing conditions (3) no work-related household income (4) no standard health insurance

^{† &}gt;50% or <50% of recommended as per the French Haute Autorité de Santé recommendations, 2016

^{††}Indirect effect: 18.0%

Supplementary table 2. Sensitivity analysis: Obesity-mediated effect of self-reported maternal origin on severe preeclampsia

		Adjusted for age, parity**, and overall social deprivation***		
	Total unadjusted OR (95%CI)	Total adjusted OR (95%CI)	Direct aOR (95%CI)	Obesity-mediated indiaonal
N	6469	6466		(95%CI)
Maternal place of birth				
France and Europe	1.00	1.00	1.00	1.00
North Africa	0.76 (0.36-1.61)	0.87 (0.44-1.73)	0.80 (0.41-1.57)	1.08 (1.01-1.17)
Sub-Saharan Africa	2.24 (1.14-4.41)	2.75 (1.32-5.74)	2.34 (1.16-4.74)	1.18 (1.03-1.35)++
Other	1.36 (0.57-3.24)	1.49 (0.49-4.53)	1.55 (0.51-4.69)	0.96 (0.91-1.02)

^{*}Obesity (BMI >= 30kg/m2); reference: normal weight (BMI 18.5-24.9kg/m2)

^{**}Primiparous or multiparous

^{***}Any of the following: (1) socially isolated (2) poor housing conditions (3) no work-related household income (4) no standard health insurance

^{† &}gt;50% or <50% of recommended as per the French Haute Autorité de Santé recommendations, 2016

^{††}indirect effect: 15.9%