

SUPPLEMENTARY DATA

**Supplementary Table 1.** Odds ratios (OR) and 95% confidence intervals (CI) for GDM associated with SHBG concentrations <sup>1</sup>

	<b>Conditional Logistic Regression Models</b>		
	Crude	Multivariable-adjusted <sup>2</sup>	Multivariable-adjusted <sup>3</sup>
<b>Pre-Pregnancy Risk Factor</b>	<b>OR (95% CI)</b>		
<i>SHBG (nmol/L)</i>			
1 Standard Deviation (58.5)	1.85 (1.45 - 2.37)	1.61 (1.25 - 2.08)	1.94 (1.33 - 2.83)
Quartile 1 (8.04 - 44.23)	4.44 (2.65 - 7.44)	3.45 (1.96 - 6.08)	4.01 (1.86 - 8.66)
Quartile 2 (44.24 - 64.53)	1.79 (1.07 - 2.99)	2.03 (1.15 - 3.58)	2.56 (1.16 - 5.65)
Quartile 3 (64.54 - 99.73)	1.23 (0.71 - 2.13)	1.30 (0.71 - 2.38)	1.11 (0.46 - 2.66)
Quartile 4 (99.74 - 537.57)	1.00	1.00	1.00

<sup>1</sup> Excluding women diagnosed with PCOS (cases, n=243; controls, n=486)

<sup>2</sup> Adjusted for race/ethnicity, pre-pregnancy BMI, family history of diabetes, and alcohol use at time of the MHC exam

<sup>3</sup> Further adjusted for HOMA-IR index and weight change between MHC exam and index pregnancy; Subset of women fasting for more than 6 hours at the time of MHC exam (cases, n=144; controls, n=267)

SUPPLEMENTARY DATA

**Supplementary Table 2.** Odds ratios (OR) and 95% confidence intervals (CI) for GDM associated with SHBG concentrations<sup>1</sup>

	<b>Conditional Logistic Regression Models</b>		
	Crude	Multivariable-adjusted <sup>2</sup>	Multivariable-adjusted <sup>3</sup>
<b>Pre-Pregnancy Risk Factor</b>	<b>OR (95% CI)</b>		
<i>SHBG (nmol/L)</i>			
1 Standard Deviation (58.5)	2.00 (1.55 - 2.57)	1.68 (1.29 - 2.19)	2.21 (1.48 - 3.31)
Quartile 1 (8.04 - 44.23)	4.61 (2.77 - 7.69)	3.47 (1.98 - 6.09)	4.25 (1.95 - 9.26)
Quartile 2 (44.24 - 64.53)	1.81 (1.08 - 3.03)	1.93 (1.09 - 3.42)	2.33 (1.05 - 5.19)
Quartile 3 (64.54 - 99.73)	1.22 (0.70 - 2.12)	1.25 (0.68 - 2.29)	1.11 (0.46 - 2.69)
Quartile 4 (99.74 - 537.57)	1.00	1.00	1.00

<sup>1</sup> Excluding women taking hormonal contraceptives at the time of the MHC exam (cases, n=249; controls, n=486)

<sup>2</sup> Adjusted for race/ethnicity, pre-pregnancy BMI, family history of diabetes, and alcohol use at time of the MHC exam

<sup>3</sup> Further adjusted for HOMA-IR index and weight change between MHC exam and index pregnancy; Subset of women fasting for more than 6 hours at the time of MHC exam (cases, n=146; controls, n=265)