

Supplemental Table 4b. Multivariate analysis of factors associated with dysglycaemia and insulin resistance

	Dysglycaemia					Insulin Resistance				
	OR	p-value	Bonferroni adjusted p-value	95% CI		OR	p-value	Bonferroni adjusted p-value	95% CI	
				lower	upper				lower	upper
Age at follow-up (years)	1.0	0.443	1	1.0	1.1	1.1	0.533	1	0.9	1.2
Follow-up period (years)	1.0	0.244	0.976	0.9	1.0	1.0	0.516	1	0.9	1.1
Ethnicity - mixed ancestry (vs black)	1.9	0.159	0.636	0.8	4.4	4.5	0.051	0.204	1.0	20.3
Others (vs black)	0.3	0.182	0.728	0.1	1.8	1.3	0.817	1	0.1	12.6
Education - primary (vs tertiary)	1.2	0.825	1	0.2	6.1	0.2	0.409	1	0.0	8.6
Secondary & matric (vs tertiary)	1.1	0.892	1	0.4	3.0	0.5	0.394	1	0.1	2.3
Employed (vs unemployed)	0.9	0.781	1	0.4	1.9	1.4	0.61	1	0.4	5.1
Family history of hypertension	1.0	0.974	1	0.4	2.2	1.0	0.964	1	0.3	3.6
Subsequent pregnancy (vs none)	0.5	0.125	0.5	0.2	1.2	0.2	0.021	0.084	0.0	0.8
Average length of breastfeeding (months)	1.0	0.704	1	1.0	1.0	1.0	0.375	1	1.0	1.1
Current smoker (vs current non-smoker)	0.8	0.518	1	0.3	1.8	2.1	0.363	1	0.4	9.8
Waist circumference (cm)	1.1	0	0	1.0	1.1	1.1	0.078	0.312	1.0	1.1
Hip circumference (cm)	0.9	0.011	0.044	0.9	1.0	0.9	0.158	0.632	0.9	1.0
Weight gain (kg)	1.0	0.191	0.764	1.0	1.1	1.1	0.138	0.552	1.0	1.1
Overweight at booking	0.5	0.286	1	0.1	1.9	3.5	0.167	0.668	0.6	21.2
Obese at booking	1.0	0.973	1	0.3	4.3	6.7	0.08	0.32	0.8	55.4
Morbid obese at booking	1.1	0.924	1	0.1	8.6	10.4	0.127	0.508	0.5	211.8

Fasting glucose at HFDP diagnosis	1.6	0.018	0.072	1.1	2.4	2.3	0.051	0.204	1.0	5.2
OGTT 2-hour glucose at HFDP diagnosis	1.4	0.013	0.052	1.1	1.7	1.0	0.889	1	0.6	1.7
Insulin treatment during HFDP	5.9	0.013	0.052	1.4	23.9	1.0	omitted			
GPAQ total physical activity	1.0	0.594	1	1.0	1.0	1.0	0.456	1	1.0	1.0
_cons	0.0	0.012	0.048	0.0	0.2	0.0	0.233	0.932	0.0	77.9
Model statistics	Number of obs		211.0		Number of obs		98.0			
	LR chi2(21)		85.3		LR chi2(20)		29.5			
	Prob > chi2		0.000		Prob > chi2		0.078			
	Pseudo R2		0.3		Pseudo R2		0.3			
	Log likelihood		-97.4		Log likelihood		-42.9			

NB: For the Bonferroni adjustment – for each outcome, the p-value was multiplied by the number of tests (4 outcomes – 4 tests). Significance was set at $p = 0.05$