Supplemental Table 1. Adjusted odds ratios for the association between parity and components of the MetS[a] (N=7,467), HCHS/SOL Study, 2008-2011.

	No prior live births		One prior live birth		Two prior live births		Three prior live births		Four prior live births		Five or more prior live births	
	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI
Abdominal Obesity												
Model 1[b]	**0.6**	**0.4, 0.7**	1.0	Ref	**1.4**	**1.1, 1.8**	**1.8**	**1.4, 2.3**	**2.9**	**2.1, 4.0**	**2.5**	**1.7, 3.6**
Model 2[c]	**0.7**	**0.5, 0.9**	1.0	Ref	1.2	1.0, 1.6	**1.5**	**1.2, 1.9**	**2.4**	**1.7, 3.3**	**1.8**	**1.2, 2.6**
Model 3[d]	**0.7**	**0.5, 0.9**	1.0	Ref	1.2	0.9, 1.5	1.3	1.0, 1.7	**2.0**	**1.5, 2.8**	1.4	1.0, 2.1
Model 4[e]	1.0	0.7, 1.5	1.0	Ref	1.2	0.9, 1.6	1.3	1.0, 1.9	1.4	0.9, 2.2	1.3	0.8, 2.2
Elevated Triglycerides												
Model 1[b]	0.7	0.5, 1.0	1.0	Ref	**1.5**	**1.1, 2.0**	**1.5**	**1.1, 2.0**	**1.7**	**1.2, 2.4**	**2.2**	**1.6, 3.1**
Model 2[c]	0.9	0.7, 1.4	1.0	Ref	1.2	0.9, 1.7	1.2	0.8, 1.6	1.3	0.9, 1.8	1.4	1.0, 2.0
Model 3[d]	1.0	0.7, 1.4	1.0	Ref	1.2	0.9, 1.6	1.1	0.8, 1.5	1.2	0.8, 1.7	1.2	0.8, 1.7
Model 4[e]	1.1	0.7, 1.5	1.0	Ref	1.2	0.9, 1.6	1.0	0.8, 1.4	1.1	0.7, 1.6	1.1	0.8, 1.7
Low HDL Cholesterol												
Model 1[b]	0.9	0.7, 1.1	1.0	Ref	0.8	0.7, 1.1	1.0	0.7, 1.2	1.0	0.8, 1.4	1.1	0.8, 1.4
Model 2[c]	**0.7**	**0.5, 0.9**	1.0	Ref	1.0	0.8, 1.3	1.2	1.0, 1.6	1.3	1.0, 1.8	**1.7**	**1.3, 2.2**
Model 3[d]	0.8	0.6, 1.0	1.0	Ref	1.0	0.8, 1.2	1.2	0.9, 1.6	1.3	1.0, 1.7	**1.5**	**1.2, 2.0**

	OR	CI	OR		OR	CI	OR	CI	OR	CI	OR	CI
Model 4[e]	0.9	0.7, 1.2	1.0	Ref	1.0	0.8, 1.2	1.2	0.9, 1.5	1.2	0.9, 1.5	**1.5**	**1.1, 2.0**
High Blood Pressure												
Model 1[b]	**0.4**	**0.3, 0.6**	1.0	Ref	**1.5**	**1.2, 1.9**	**1.9**	**1.5, 2.4**	**2.0**	**1.5, 2.7**	**3.0**	**2.3, 4.0**
Model 2[c]	0.9	0.6, 1.3	1.0	Ref	0.9	0.7, 1.1	0.9	0.7, 1.1	0.9	0.6, 1.2	0.8	0.6, 1.1
Model 3[d]	0.9	0.6, 1.4	1.0	Ref	0.9	0.7, 1.2	1.0	0.7, 1.3	1.0	0.7, 1.4	0.9	0.6, 1.2
Model 4[e]	1.0	0.6, 1.5	1.0	Ref	0.9	0.7, 1.1	0.9	0.7, 1.2	0.9	0.6, 1.3	0.8	0.6, 1.2
Elevated Fasting Glucose												
Model 1[b]	0.9	0.6, 1.2	1.0	Ref	**1.6**	**1.1, 2.2**	**1.9**	**1.4, 2.5**	**1.9**	**1.4, 2.7**	**3.5**	**2.6, 4.9**
Model 2[c]	1.3	0.9, 1.9	1.0	Ref	1.2	0.9, 1.7	1.3	0.9, 1.8	1.3	0.9, 1.8	**1.8**	**1.3, 2.6**
Model 3[d]	1.3	0.9, 1.9	1.0	Ref	1.2	0.9, 1.7	1.3	0.9, 1.7	1.2	0.9, 1.7	**1.6**	**1.1, 2.4**
Model 4[e]	1.3	0.9, 2.0	1.0	Ref	1.1	0.8, 1.6	1.2	0.8, 1.6	1.0	0.7, 1.5	1.5	1.0, 2.2
Overall Metabolic Syndrome												
Model 1[b]	**0.6**	**0.5, 0.8**	1.0	Ref	**1.5**	**1.2, 2.0**	**1.8**	**1.4, 2.3**	**2.1**	**1.5, 2.9**	**2.8**	**2.1, 3.7**
Model 2[c]	0.9	0.7, 1.2	1.0	Ref	1.2	0.9, 1.6	1.3	1.0, 1.7	1.4	1.0, 2.0	**1.5**	**1.1, 2.0**
Model 3[d]	0.9	0.7, 1.2	1.0	Ref	1.2	0.9, 1.5	1.2	0.9, 1.6	1.4	1.0, 2.0	1.3	1.0, 1.9
Model 4[e]	1.0	0.7, 1.4	1.0	Ref	1.1	0.9, 1.4	1.1	0.8, 1.5	1.2	0.8, 1.7	1.2	0.9, 1.7

Abbreviations: OR, odds ratio; CI, confidence interval; Ref, reference
NOTE: Bold font used to indicate statistically significant estimates (p<0.05)

a. Abdominal obesity (waist circumference ≥88cm), elevated triglycerides (≥150 mg/dL), low HDL cholesterol (<50 mg/dL), high blood pressure (≥130 mmHg systolic or ≥85 mmHg diastolic or use of anti-hypertension medications), elevated fasting glucose (≥100 mg/dL or use of anti-diabetic medications), overall metabolic syndrome (a combination of 3 or more components)

b. Unadjusted

c. Age-adjusted

d. Model 2 factor (Age) + socio-demographics (background, education, marital status, income, U.S. born), behavioral characteristics (smoking, physical activity), and reproductive factors (menopausal status, history of oral contraceptive use, current hormone replacement therapy) + field center

e. Model 3 factors + percent body fat

Supplemental Table 2. Adjusted odds ratios for the association between parity and components of the MetS[a] among women ≥50 years (N=2,840), HCHS/SOL Study, 2008-2011.

	No prior live births		One prior live birth		Two prior live births		Three prior live births		Four prior live births		Five or more prior live births	
	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI
Abdominal Obesity												
Model 1[b]	1.7	0.9, 3.3	1.0	Ref	**1.5**	**1.1, 2.2**	**1.7**	**1.1, 2.6**	**2.3**	**1.5, 3.5**	1.5	0.9, 2.6
Model 2[c]	1.7	0.9, 3.3	1.0	Ref	1.5	1.0, 2.2	**1.7**	**1.1, 2.6**	**2.2**	**1.5, 3.5**	1.5	0.9, 2.6
Model 3[d]	1.8	0.9, 3.4	1.0	Ref	1.4	1.0, 2.0	1.5	1.0, 2.3	**2.0**	**1.3, 3.0**	1.2	0.6, 2.1
Model 4[e]	1.3	0.6, 2.8	1.0	Ref	1.1	0.7, 1.8	1.2	0.7, 2.1	1.0	0.6, 1.9	0.8	0.4, 1.7
Elevated Triglycerides												
Model 1[b]	0.9	0.5, 1.6	1.0	Ref	1.2	0.8, 1.8	1.0	0.7, 1.5	1.0	0.7, 1.5	1.3	0.9, 1.9
Model 2[c]	0.9	0.5, 1.6	1.0	Ref	1.2	0.8, 1.8	1.0	0.7, 1.5	1.0	0.7, 1.5	1.3	0.9, 1.9
Model 3[d]	1.0	0.6, 1.9	1.0	Ref	1.3	0.9, 1.9	1.2	0.8, 1.7	1.1	0.7, 1.6	1.3	0.8, 2.0
Model 4[e]	1.1	0.6, 2.1	1.0	Ref	1.3	0.9, 1.9	1.2	0.8, 1.7	1.0	0.7, 1.6	1.3	0.8, 2.0
Low HDL Cholesterol												
Model 1[b]	1.3	0.7, 2.2	1.0	Ref	1.5	1.0, 2.2	1.5	1.0, 2.2	1.5	1.0, 2.2	**2.1**	**1.5, 3.0**
Model 2[c]	1.3	0.8, 2.3	1.0	Ref	1.5	1.0, 2.2	**1.6**	**1.1, 2.3**	1.5	1.0, 2.3	**2.3**	**1.6, 3.4**
Model 3[d]	1.2	0.7, 2.1	1.0	Ref	**1.5**	**1.1, 2.2**	**1.6**	**1.1, 2.3**	1.5	1.0, 2.3	**2.2**	**1.5, 3.4**
Model 4[e]	1.1	0.6, 2.1	1.0	Ref	1.5	1.0, 2.1	**1.5**	**1.1, 2.2**	1.4	0.9, 2.1	**2.2**	**1.4, 3.2**
High Blood Pressure												
Model 1[b]	1.1	0.6, 1.8	1.0	Ref	1.0	0.7, 1.5	1.1	0.7, 1.7	1.1	0.8, 1.6	1.1	0.8, 1.6
Model 2[c]	1.0	0.6, 1.7	1.0	Ref	1.0	0.7, 1.4	1.0	0.7, 1.5	1.0	0.7, 1.5	0.8	0.6, 1.2
Model 3[d]	1.2	0.7, 2.2	1.0	Ref	1.0	0.7, 1.4	1.1	0.8, 1.6	1.0	0.6, 1.4	0.8	0.6, 1.3
Model 4[e]	1.3	0.7, 2.4	1.0	Ref	1.0	0.7, 1.4	1.2	0.8, 1.7	0.9	0.6, 1.4	0.9	0.6, 1.3
Elevated Fasting Glucose												
Model 1[b]	1.4	0.7, 2.6	1.0	Ref	1.0	0.6, 1.4	1.2	0.8, 1.9	1.1	0.7, 1.8	**1.7**	**1.1, 2.6**
Model 2[c]	1.4	0.7, 2.5	1.0	Ref	1.0	0.6, 1.4	1.2	0.8, 1.9	1.1	0.6, 1.8	1.5	1.0, 2.4
Model 3[d]	1.7	0.9, 3.1	1.0	Ref	1.0	0.6, 1.4	1.3	0.8, 2.1	1.2	0.7, 2.0	1.6	1.0, 2.6
Model 4[e]	1.6	0.8, 3.2	1.0	Ref	0.9	0.6, 1.3	1.2	0.8, 1.9	1.0	0.6, 1.7	1.5	0.9, 2.4
Overall Metabolic Syndrome												

	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI	OR	95% CI
Model 1[b]	1.1	0.7, 2.0	1.0	Ref	1.5	1.0, 2.2	**1.6**	**1.1, 2.3**	1.5	1.0, 2.3	**1.8**	**1.2, 2.6**
Model 2[c]	1.1	0.7, 1.9	1.0	Ref	1.5	1.0, 2.2	1.6	1.0, 2.3	1.5	1.0, 2.3	**1.7**	**1.1, 2.5**
Model 3[d]	1.3	0.7, 2.2	1.0	Ref	1.5	1.0, 2.2	**1.6**	**1.1, 2.5**	1.5	1.0, 2.4	1.6	1.0, 2.4
Model 4[e]	1.1	0.6, 2.2	1.0	Ref	1.4	0.9, 2.1	1.5	1.0, 2.4	1.3	0.8, 2.0	1.4	0.9, 2.2

Abbreviations: OR, odds ratio; CI, confidence interval; Ref, reference

NOTE: Bold font used to indicate statistically significant estimates ($p < 0.05$)

a. Abdominal obesity (waist circumference ≥88cm), elevated triglycerides (≥150 mg/dL), low HDL cholesterol (<50 mg/dL), high blood pressure (≥130 mmHg systolic or ≥85 mmHg diastolic or use of anti-hypertension medications), elevated fasting glucose (≥100 mg/dL or use of anti-diabetic medications), overall metabolic syndrome (a combination of 3 or more components)

b. Unadjusted

c. Age-adjusted

d. Model 2 factor (Age) + socio-demographics (background, education, marital status, income, U.S. born), behavioral characteristics (smoking, physical activity), and reproductive factors (menopausal status, history of oral contraceptive use, current hormone replacement therapy) + field center

e. Model 3 factors + percent body fat