

Supplemental Table 1. Cohort Characteristics (Year 10) by Study Inclusion Status (n=2327)

Characteristic	Included (n=837)	Excluded (n=1490)	p value
Age, median years (IQR)	35 (6)	35 (6)	0.169
Race, n (%)			
Black	358 (42.8)	799 (53.6)	<0.001
White	479 (57.2)	691 (46.4)	
BMI, median kg/cm ² (IQR)	26.7 (5.7)	25.9 (5.7)	0.001
Waist circumference, median cm (IQR)	89.0 (15.1)	87.8 (14.5)	0.005
Total cholesterol median mg/dL (IQR)	181 (47)	178 (50)	0.013
HDL median mg/dL (IQR)	43 (15)	45 (15)	0.004
LDL median mg/dL (IQR)	114 (43)	110 (43)	<0.001
Triglycerides (TG) median mg/dL (IQR)	86 (71)	83 (70)	0.283
Diabetes history, n (%)	13 (1.6)	6 (0.4)	0.003
HOMA-IR	1.83 (1.21)	1.75 (1.29)	0.074

Supplemental Table 2. Association of Sex Hormone Binding Globulin (SHBG) and Testosterone (T) with Prevalent NAFLD on Progressive Covariate Adjustment

<i>Adjusted for SHBG or T*</i>	OR (95% CI)	p value
SHBG (per 10 units)	0.63 (0.49-0.80)	<0.001
T (per quartile)	0.79 (0.64-0.98)	0.029
<i>Adjusted for Year 10 Covariates**</i>	OR (95% CI)	p value
SHBG (per 10 units)	0.73 (0.57-0.92)	0.009
SHBG (per 10 units) + T adjustment	0.74 (0.56-0.96)	0.023
T (per quartile)	0.86 (0.70-1.06)	0.160
T (per quartile) + SHBG adjustment	0.98 (0.78-1.23)	0.842
<i>Adjusted for Year 10 and Δ Year 10 to 25 Covariates***</i>	OR (95% CI)	p value
SHBG (per 10 units)	0.68 (0.52-0.89)	0.006
SHBG (per 10 units) + T adjustment	0.68 (0.51-0.92)	0.013
T (per quartile)	0.85 (0.68-1.07)	0.169
T (per quartile) + SHBG adjustment	0.96 (0.76-1.27)	0.909

* SHBG estimates adjusted for T and vice versa given established effects of the hormones on one another.

**Includes age, race, center, waist circumference, HOMA-IR, and HDL. LDL and triglycerides were not significant on adjusted analysis.

*** Δ values reflect unit change from Years 10 to 25 to capture potential confounding effects of metabolic parameters over time.