

**Supplementary Table 1. Demographic and Clinical Characteristics of the PURSE cohort, stratified by diabetes status, excluding urban participants.**

	Overall (n=5859)	DM (n=1569)	No DM (n=4290)	Difference (95% CI)
<i>Continuous Variables*</i>				
Age	44.0 (10.0)	49.0 (9.0)	42.1 (9.7)	<b>6.9 (6.0,7.7)</b>
Body Mass Index	24.6 (4.6)	26.0 (4.4)	24.1 (4.5)	<b>1.9 (1.5,2.2)</b>
Waist Circumference	82.7 (10.5)	87.2 (9.3)	81.0 (10.5)	<b>6.2 (5.4,7.1)</b>
Hip Circumference	94.1 (10.5)	97.2 (10.0)	92.9 (10.5)	<b>4.3 (3.5,5.1)</b>
Waist-to-hip Ratio	0.88 (0.07)	0.90 (0.06)	0.87 (0.07)	<b>0.03 (0.02,0.03)</b>
Fasting Blood Glucose	106.9 (40.8)	146.0 (61.4)	92.2 (8.8)	<b>53.8 (46.7,60.9)</b>
HbA1c %	6.4 (1.5)	8.2 (1.9)	5.7 (0.4)	<b>2.5 (2.3,2.7)</b>
Insulin	8.1 (7.1)	9.3 (6.1)	7.7 (7.4)	<b>1.5 (0.8,2.3)</b>
HOMA-IR	2.2 (2.1)	3.3 (2.6)	1.8 (1.7)	<b>1.5 (1.1,1.9)</b>
Total Cholesterol	172.8 (37.8)	181.9 (40.3)	169.3 (36.2)	<b>12.6 (9.5,15.7)</b>
HDL	42.1 (9.3)	41.4 (9.6)	42.4 (9.2)	<b>-0.9 (-1.5,-0.4)</b>
LDL (Calculated)	112.4 (42.6)	118.8 (53.0)	109.9 (37.9)	<b>8.9 (6.1,11.7)</b>
Triglycerides	132.6 (88.6)	164.7 (123.1)	120.5 (67.6)	<b>44.2 (38.0,50.4)</b>
AST	23.7 (23.3)	23.6 (14.3)	23.7 (25.8)	-0.13 (-1.5,1.2)
ALT	39.8 (16.6)	42.0 (16.7)	39.0 (16.6)	<b>3.0 (1.7-4.3)</b>
AST/ALT Ratio	0.60 (0.22)	0.57 (0.21)	0.61 (0.23)	<b>-0.05 (-0.06,-0.03)</b>
Systolic blood pressure	117.6 (16.5)	123.3 (17.3)	115.4 (15.7)	<b>7.8 (6.0,9.6)</b>
Diastolic blood pressure	74.6 (10.1)	77.2 (9.9)	73.6 (9.2)	<b>3.6 fL (2.7,4.5)</b>
<i>Categorical Variables</i>				
Male †	2565 (43.3)	776 (50.8)	1720 (40.5)	<b>1.5 (1.2,1.9)</b>
Obese ‡	2553 (44.5)	864 (56.3)	1689 (40.1)	<b>1.9 (1.7,2.2)</b>
Family History of DM	715 (9.2)	313 (15.8)	402 (6.8)	<b>2.6 (1.7,3.9)</b>
Reduced HDL §	3878 (67.5)	1055 (67.1)	2823 (67.6)	1.0 (0.8,1.2)
Elevated LDL	399 (5.9)	166 (9.4)	233 (4.6)	<b>2.1 (1.8,2.6)</b>
Elevated Triglycerides ¶	1658 (28.2)	686 (43.3)	972 (22.6)	<b>2.6 (2.3,2.9)</b>
Elevated LFT #	2104 (35.6)	648 (42.4)	1456 (33.0)	<b>1.5 (1.3,1.7)</b>
History of Smoking **	843 (14.1)	221 (14.1)	622 (14.1)	1.0 (0.8,1.3)
Alcohol Consumption ††	725 (12.1)	189 (12.0)	536 (12.1)	1.0 (0.8,1.2)
Hypertension ‡‡	1306 (20.1)	553 (31.2)	753 (15.8)	<b>2.4 (2.1,2.8)</b>

**Abbreviations:** CCHC, Cameron County Hispanic Cohort; PURSE, Population Study of Urban, Rural and Semi-urban Regions for the Detection of Endovascular Disease; HOMA-IR, homeostasis model of insulin resistance; AST, aspartate aminotransferase; ALT, alanine aminotransferase; LFT, liver function tests; OR, odds ratio

\* Continuous variables have mean (standard deviation). Differences are displayed as (Mean for DM) – (Mean for non-DM). Bold-face type indicates statistical significance at the 95% confidence level.

† Categorical variables have count and percent. Associations are displayed as OR, [Odds(DM) / Odds(No DM)]. Bold-face type indicates statistical significance at the 95% confidence level.

‡ Defined as body mass index  $\geq 30.0$  for CCHC and body mass index  $\geq 25.0$  for PURSE

§ Defined as HDL  $< 40$  for men and  $< 50$  for women

|| Defined as LDL  $> 160$  mg/dL

¶ Defined as serum triglycerides  $> 150$  mg/dL

# Defined as ALT  $> 40$  or AST  $> 40$

\*\* Reported smoking, past or present

†† Current alcohol consumption, at least occasionally

‡‡ Defined as systolic blood pressure  $> 130$  or diastolic blood pressure  $> 85$  or taking antihypertensive medication