

Supplemental Data

Supplemental Table 1. Pearson's correlation coefficients between log adiponectin and three measures of adiposity in West Africans.

	<i>r</i> (<i>p</i> -value)		
	All	Men	Women
BMI	-0.203 (<0.0001)	-0.266 (<0.0001)	-0.291 (<0.0001)
WC	-0.154 (<0.0001)	-0.191 (0.001)	-0.172 (<0.0001)
PFM	0.058 (0.132)	0.018 (0.763)	-0.119 (0.017)

BMI=Body mass index, WC=Waist circumference, PFM=Percent fat mass.

Supplemental Table 2: Linear Regression Models evaluating the relationship between adiponectin and measures of obesity in West Africans

Model	Age	Gender	Country	BMI	WC	PFM	Adjusted R^2
I	0.245 (0.001) <0.0001	0.219 (0.023) <0.0001	0.098 (0.026) 0.009				0.116
II	0.267 (0.001) <0.0001	0.312 (0.023) <0.0001	0.077 (0.025) 0.034	-0.299 (0.002) <0.0001			0.195
III	0.293 (0.001) <0.0001	0.245 (0.023) <0.0001	0.080 (0.026) 0.029		-0.228 (0.001) <0.0001		0.165
IV	0.252 (0.001) <0.0001	0.282 (0.028) <0.0001	0.089 (0.027) 0.021			-0.103 (0.001) 0.019	0.122

Data displayed are β , standard error and *p*-values, respectively.

BMI=Body Mass Index, WC=Waist Circumference, PFM=Percent Fat Mass

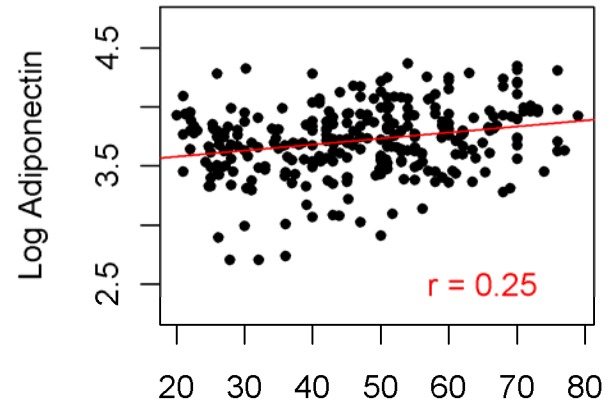
Supplemental Table 3. Association of adiponectin with serum lipids.

Measure	Univariate Model		Adjusted Model	
	β (SE)	<i>p</i>	β (SE)	<i>p</i>
Total cholesterol	0.169 (0.000)	<0.0001	0.127 (0.000)	0.001
TG	-0.118 (0.000)	<0.002	-0.113 (0.000)	0.002
HDL	0.242 (0.001)	<0.0001	0.203 (0.001)	<0.0001

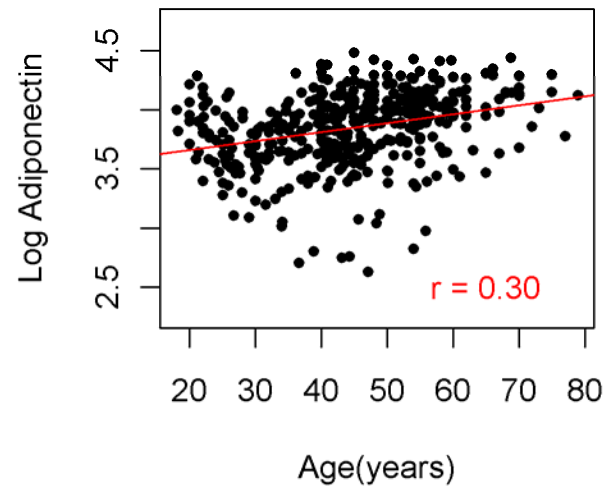
TG=Triglycerides, HDL=High density lipoprotein cholesterol. Right column adjusted for age, gender, country, and BMI.

Supplemental Figure 1. Log adiponectin by age in West Africans.

A. Men



B. Women



Supplemental Figure 2. Differences in mean adiponectin and serum lipid levels by BMI.

