Table S3. Association between Demographic, Clinical, and Laboratory Measures and High Adiponectin Level (>50th percentile) Using Logistic Regression.

Variable	Unadjusted		Case-Mix Adjusted[1]		Case-Mix + Laboratory Adjusted[2]	
	OR (95% CI)	p-value	OR (95% CI)	p-value	OR (95% CI)	p-value
Age (Δ10 years)	1.08 (0.96-1.22)	0.2	1.11 (0.98-1.26)	0.1	1.02 (0.88-1.18)	0.8
Vintage	**1.08 (1.03-1.12)**	**0.001***	**1.08 (1.03-1.13)**	**0.002***	**1.07 (1.02-1.12)**	**0.005***
Female	**1.52 (1.06-2.16)**	**0.02***	**1.45 (1.01-2.08)**	**0.05**	1.37 (0.93-2.01)	0.1
Black race	0.81 (0.57-1.16)	0.3	0.93 (0.56-1.54)	0.8	0.94 (0.54-1.62)	0.8
Hispanic	1.31 (0.92-1.86)	0.1	1.28 (0.77-2.14)	0.3	1.22 (0.72-2.07)	0.5
Diabetes	1.02 (0.72-1.46)	0.9	1.00 (0.68-1.47)	>0.9	1.05 (0.70-1.58)	0.8
AVF/AVG	0.82 (0.58- 1.16)	0.3	0.79 (0.55-1.13)	0.2	0.82 (0.56-1.19)	0.3
Smoking	1.20 (0.83-1.73)	0.3	1.30 (0.89-1.90)	0.2	1.33 (0.90-1.97)	0.2
LABORATORY TESTS						
Serum albumin (Δ0.5 g/dl)	**0.73 (0.55-0.97)**	**0.03**	0.78 (0.58-1.05)	0.1	0.77 (0.56-1.08)	0.1
Creatinine (mg/dl)	**0.94 (0.88-1.00)**	**0.05**	0.95 (0.87-1.03)	0.2	0.94 (0.86-1.04)	0.2
Calcium[3] (mg/dl)	1.07 (0.81-1.42)	0.6	0.99 (0.74-1.33)	>0.9	1.04 (0.77-1.42)	0.8
Phosphorus (mg/dl)	0.96 (0.85-1.09)	0.6	1.00 (0.88-1.15)	>0.9	1.03 (0.89-1.19)	0.7
PTH (pg/ml)	1.00 (1.00-1.00)	0.3	1.00 (1.00-1.00)	0.5	1.00 (1.00-1.00)	0.4
WBC ($x10^9$/L)	**0.86 (0.78-0.93)**	**0.001***	**0.85 (0.78-0.94)**	**0.001***	**0.85 (0.77-0.93)**	**<0.001***
Hemoglobin (g/dl)	1.00 (0.83-1.21)	>0.9	0.96 (0.78-1.16)	0.7	0.98 (0.79-1.20)	0.8
Platelet count (Δ50 $x10^9$/L)	**0.77 (0.67-0.88)**	**<0.001***	**0.78 (0.68-0.90)**	**0.001***	0.84 (0.71-1.01)	0.06
MPV (fL)	1.15 (0.96-1.37)	0.1	1.12 (0.93-1.34)	0.2	1.06 (0.87-1.28)	0.6
TIBC (Δ50 mcg/dl)	**0.75 (0.58-0.97)**	**0.03**	0.79 (0.60-1.03)	0.08	0.80 (0.60-1.07)	0.1
Ferritin (ng/ml)	1.00 (1.00-1.00)	0.8	1.00 (1.00-1.00)	0.3	1.00 (1.00-1.00)	0.4
nPCR (g/kg/day)	1.28 (0.64-2.56)	0.5	1.17 (0.56-2.44)	0.7	1.61 (0.73-3.55)	0.2
HbA1c (%)	0.95 (0.78-1.15)	0.6	0.99 (0.79-1.22)	0.9	0.98 (0.78-1.24)	0.9
Glucose (mg/dl)	1.00 (1.00-1.00)	0.8	1.00 (1.00-1.00)	>0.9	1.00 (1.00-1.00)	0.9
Cholesterol (Δ50 mg/dl)	0.69 (0.42-1.13)	0.1	0.59 (0.34-1.04)	0.07	**0.48 (0.25-0.94)**	**0.03**
HDL (Δ10 mg/dl)	**1.73 (1.27- 2.36)**	**0.001***	**1.81 (1.27-2.59)**	**0.001***	**1.87 (1.27-2.74)**	**0.001***
TG (Δ50 mg/dl)	**0.59 (0.44-0.79)**	**<0.001***	**0.62 (0.46-0.84)**	**0.002***	**0.60 (0.44-0.83)**	**0.002***
LDL (Δ25 mg/dl)	0.76 (0.55-1.06)	0.1	**0.68 (0.46-0.99)**	**0.05**	**0.61 (0.40-0.93)**	**0.02**

BODY ANTHROPOMETRY						
BMI ($\Delta 5$ kg/m^2)	**0.60 (0.50-0.72)**	**<0.001***	**0.89 (0.86-0.93)**	**<0.001***	**0.56 (0.46-0.60)**	**<0.001***
Waist circ. ($\Delta 5$ cm)	**0.82 (0.77-0.89)**	**<0.001***	**0.78 (0.72-0.85)**	**<0.001***	**0.78 (0.72-0.85)**	**<0.001***
Biceps SF ($\Delta 10$ mm)	**0.72 (0.58-0.88)**	**0.002***	**0.64 (0.51-0.80)**	**<0.001***	**0.69 (0.54-0.88)**	**0.003***
Triceps SF ($\Delta 10$ mm)	**0.78 (0.65-0.93)**	**0.005***	**0.69 (0.57-0.84)**	**<0.001***	**0.73 (0.59-0.89)**	**0.003***
NIR body fat ($\Delta 5$%)	**0.85 (0.77-0.93)**	**0.001***	**0.64 (0.56-0.75)**	**<0.001***	**0.66 (0.57-0.77)**	**<0.001***
Mid-arm circ. ($\Delta 10$ mm)	**0.37 (0.25-0.54)**	**<0.001***	**0.32 (0.21-0.48)**	**<0.001***	**0.35 (0.23-0.53)**	**<0.001***
Mid-arm muscle circ. ($\Delta 10$ mm)	**0.91 (0.87-0.95)**	**<0.001***	**0.91 (0.86-0.95)**	**<0.001***	**0.91 (0.87-0.96)**	**<0.001***

[1]Case-mix analyses adjusted for age, sex, race, ethnicity, and vintage.

[2]Case-mix + laboratory analyses adjusted for age, sex, race, ethnicity, vintage, diabetes, serum albumin, serum TIBC, serum creatinine, WBC, phosphorus, hemoglobin, and nPCR.

[3]Calcium level corrected for serum albumin.

[4]Bold=Significant association with high adiponectin; *Adjusted p-value <0.05 using the false discovery rate method to account for multiplicity of comparions.

[5]Abbreviations: AVF, arteriovenous fistula; AVG, arteriovenous graft; waist circ, waist circumference; BMI, body mass index; PTH, parathyroid hormone; MPV, mean platelet volume; WBC, white blood cell count; TIBC, total iron binding capacity; nPCR, normal protein catabolic rate; HbA1c, hemoglobin A1c; HDL, high density lipoprotein; LDL, low density lipoprotein; TG, triglyceride; SF, skinfold; NIR, near-infrared