

Online Supplement

Do Glycemic Marker Levels Vary by Race? Differing Results from a Cross-sectional Analysis of Individuals with and without Diagnosed Diabetes

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Table S1. Spearman correlations of glycemic markers among individuals with and without diagnosed diabetes, the CARDIA Study 2005-2006

Diagnosed Diabetes (N=147)						
Glycemic markers	Fasting glucose	A1c	Glycated albumin	Fructosamine	1,5-Anhydroglucitol	
Fasting glucose (mg/dL)	1.00	0.76 (<.0001)	0.77 (<.0001)	0.78 (<.0001)	-0.59 (<.0001)	
A1c (%)	0.76 (<.0001)	1.00	0.84 (<.0001)	0.80 (<.0001)	-0.76 (<.0001)	
Glycated albumin (%)	0.77 (<.0001)	0.84 (<.0001)	1.00	0.94 (<.0001)	-0.73 (<.0001)	
Fructosamine (μmol/L)	0.78 (<.0001)	0.80 (<.0001)	0.94 (<.0001)	1.00	-0.72 (<.0001)	
1,5-anhydroglucitol (μg/mL)	-0.59 (<.0001)	-0.76 (<.0001)	-0.73 (<.0001)	-0.72 (<.0001)	1.00	

No Diagnosed Diabetes (N=2545)						
Glycemic markers	Fasting glucose	A1c	Glycated albumin	Fructosamine	1,5-Anhydroglucitol	2-hour postchallenge glucose*
Fasting glucose (mg/dL)	1.00	0.37 (<.0001)	0.04 (0.0729)	0.09 (<.0001)	0.02 (0.3805)	0.31 (<.0001)
A1c (%)	0.37 (<.0001)	1.00	0.15 (<.0001)	0.06 (0.0053)	0.05 (0.0128)	0.26 (<.0001)
Glycated albumin (%)	0.04 (0.0729)	0.15 (<.0001)	1.00	0.64 (<.0001)	-0.21 (<.0001)	0.06 (0.0042)
Fructosamine (μmol/L)	0.09 (<.0001)	0.06 (0.0053)	0.64 (<.0001)	1.00	-0.10 (<.0001)	0.05 (0.0118)
1,5-anhydroglucitol (μg/mL)	0.02 (0.3805)	0.05 (0.0128)	-0.21 (<.0001)	-0.10 (<.0001)	1.00	-0.08 (0.0002)
2-hour postchallenge glucose* (mg/dL)	0.31 (<.0001)	0.26 (<.0001)	0.06 (0.0042)	0.05 (0.0118)	-0.08 (0.0002)	1.00

*N=2164

Table S2. Histogram of fasting glucose and scatterplots of fasting glucose with A1c, glycated albumin (GA), fructosamine, and 1,5-anhydroglucitol (1,5-AG) among individuals with diabetes, the CARDIA Study 2005-2006

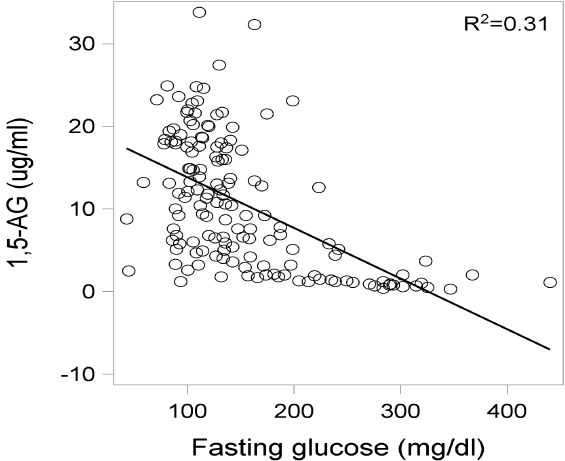
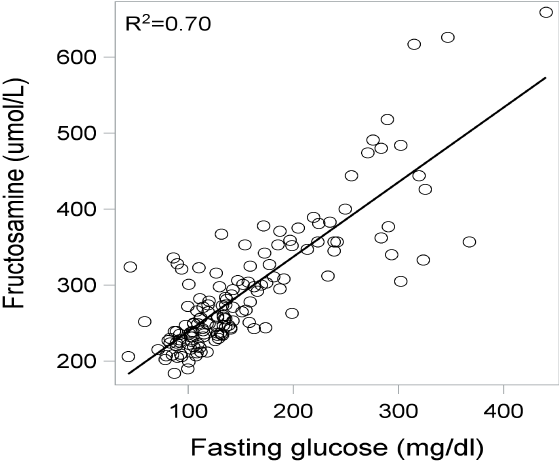
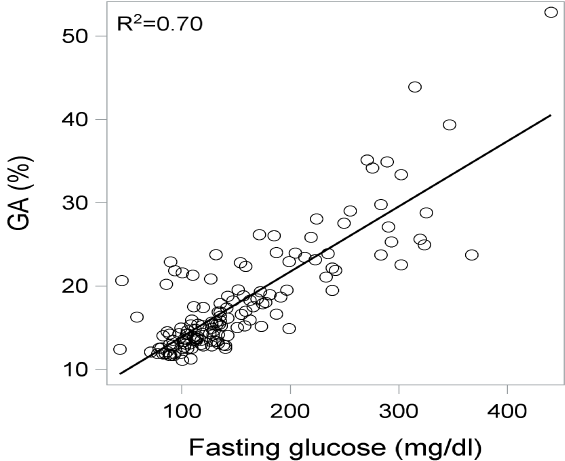
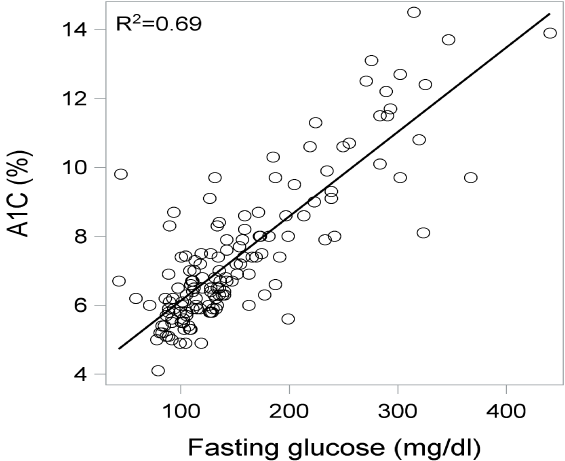
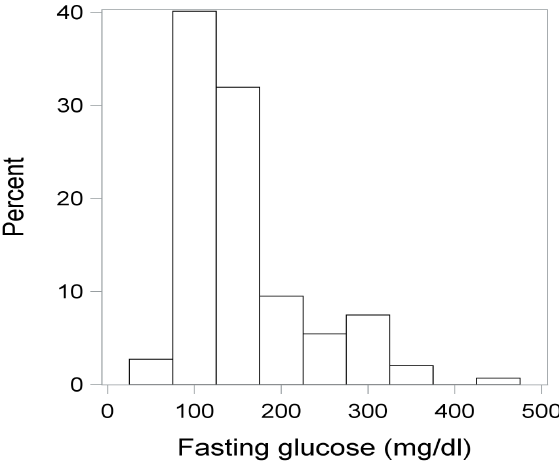


Table S3. Histogram of A1c and scatterplots of A1c with fasting glucose, glycated albumin (GA), fructosamine, and 1,5-anhydroglucitol (1,5-AG) among individuals with diabetes, the CARDIA Study 2005-2006

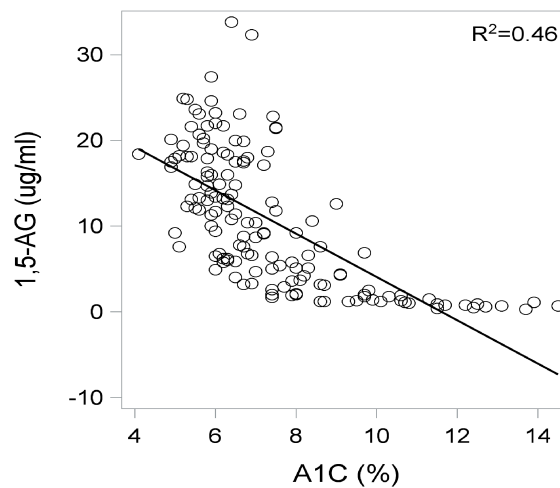
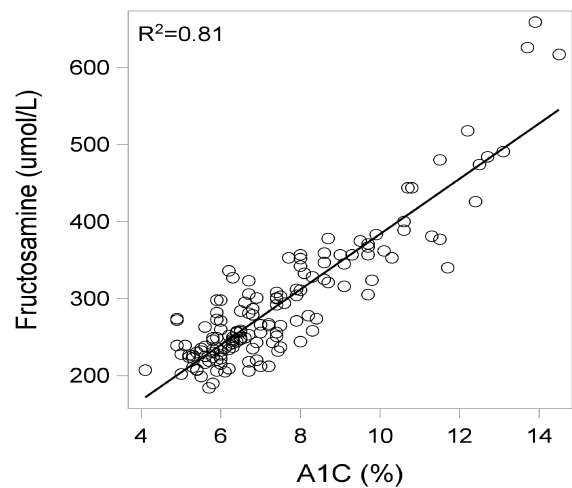
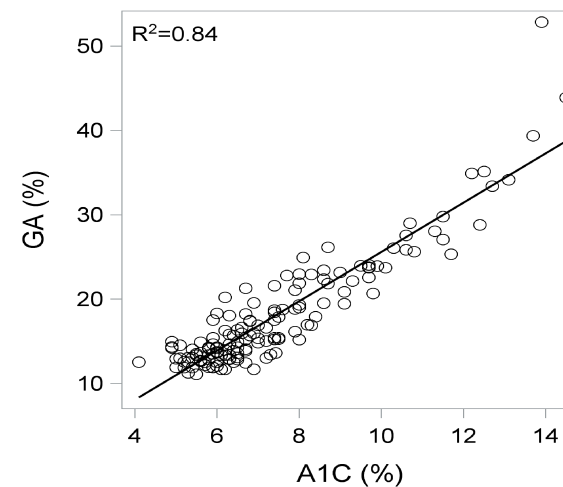
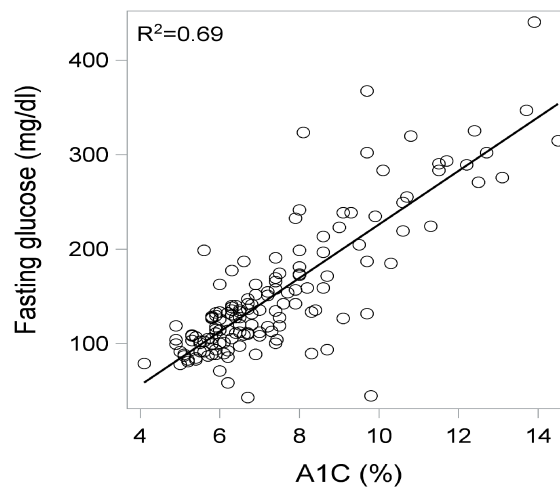
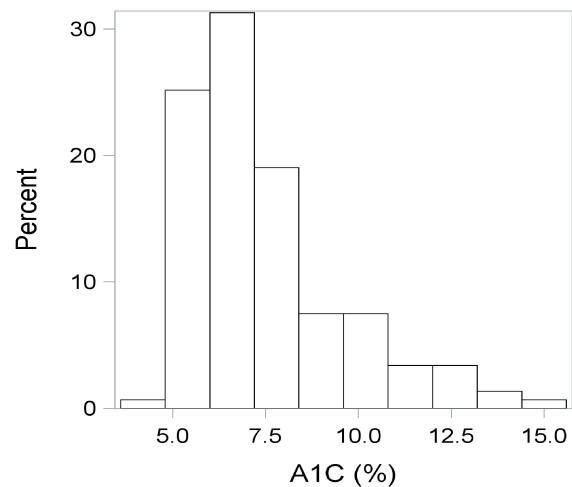


Table S4. Histogram of glycated albumin (GA) and scatterplots of GA with fasting glucose, A1c, fructosamine, and 1,5-anhydroglucitol (1,5-AG) among individuals with diabetes, the CARDIA Study 2005-2006

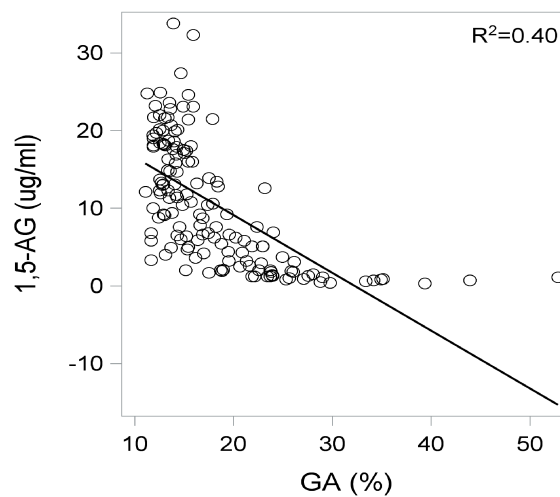
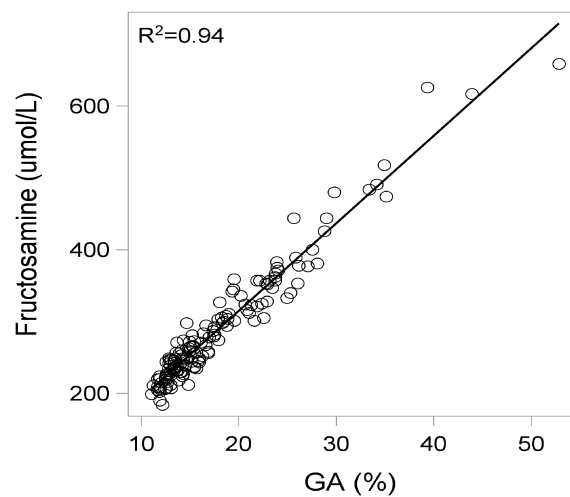
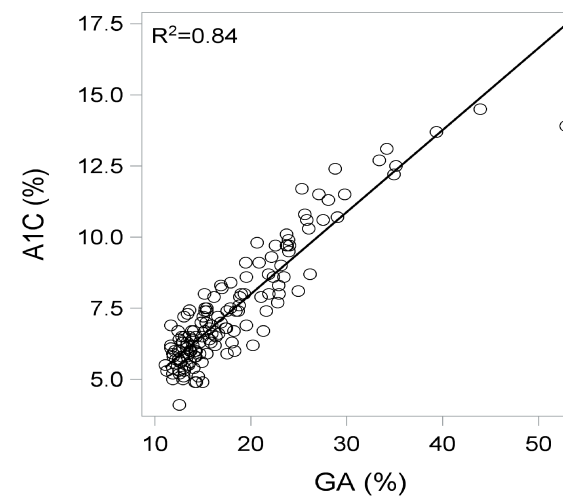
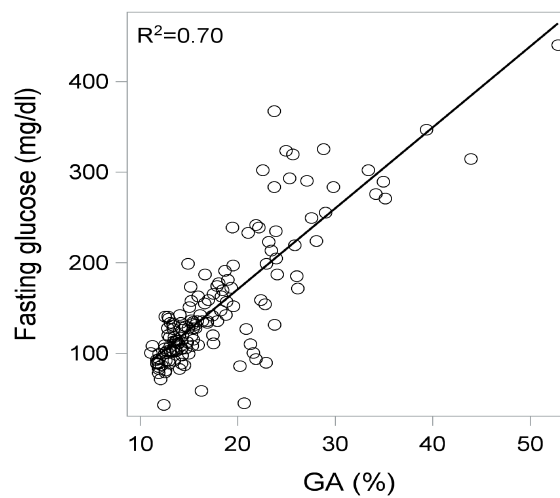
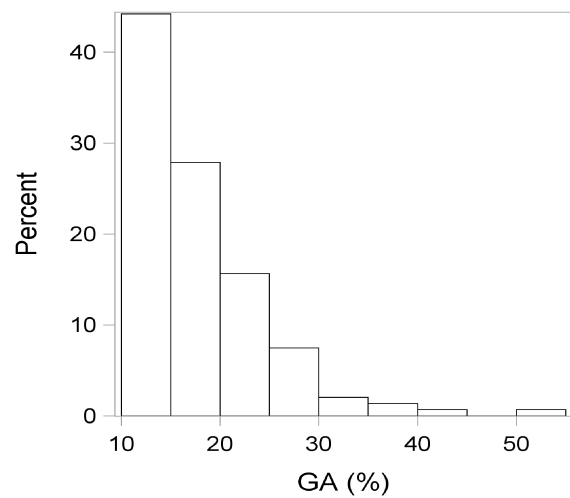


Table S5. Histogram of fructosamine and scatterplots of fructosamine with fasting glucose, A1c, glycated albumin (GA), and 1,5-anhydroglucitol (1,5-AG) among individuals with diabetes, the CARDIA Study 2005-2006

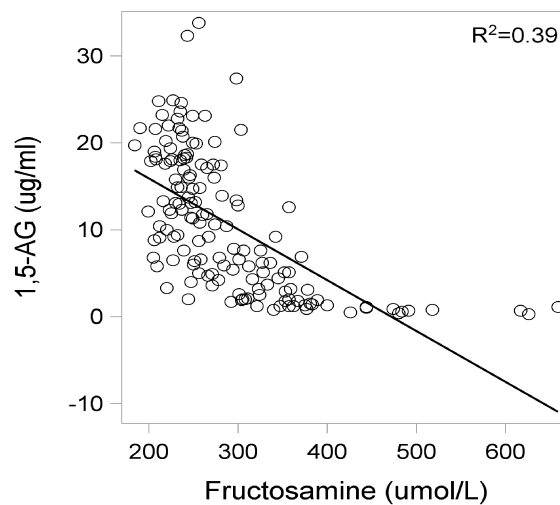
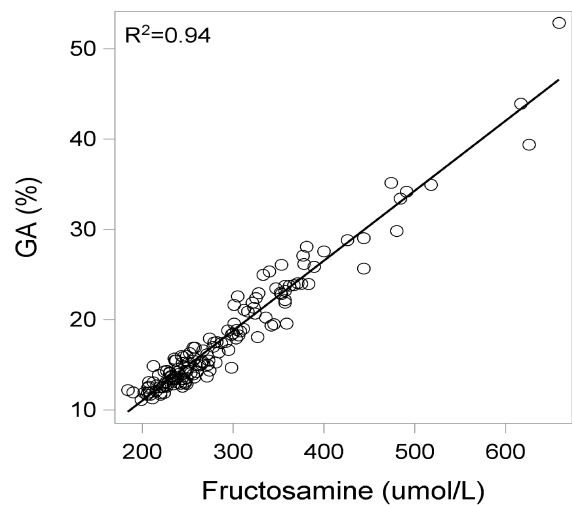
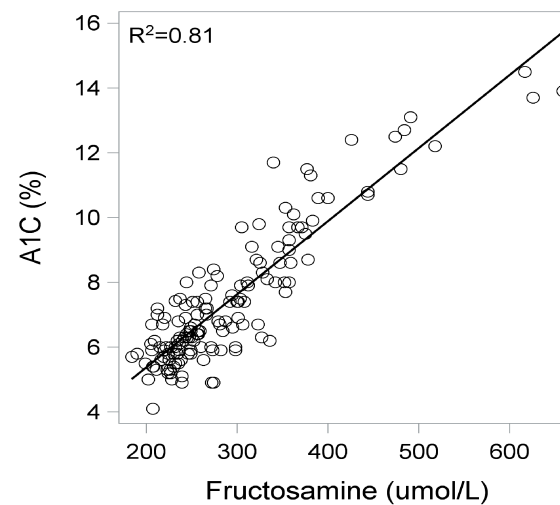
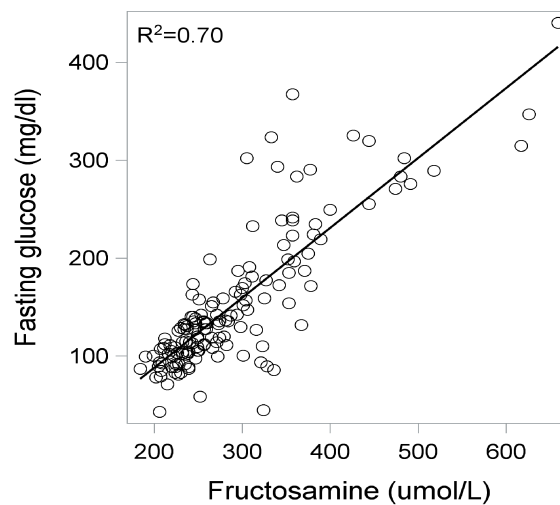
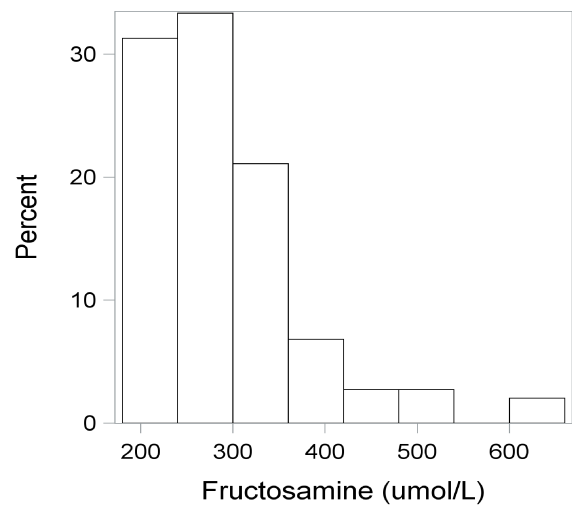


Table S6. Histogram of 1,5-anhydroglucitol (1,5-AG) and scatterplots of 1,5-AG with fasting glucose, A1c, glycated albumin (GA), and fructosamine among individuals with diabetes, the CARDIA Study 2005-2006

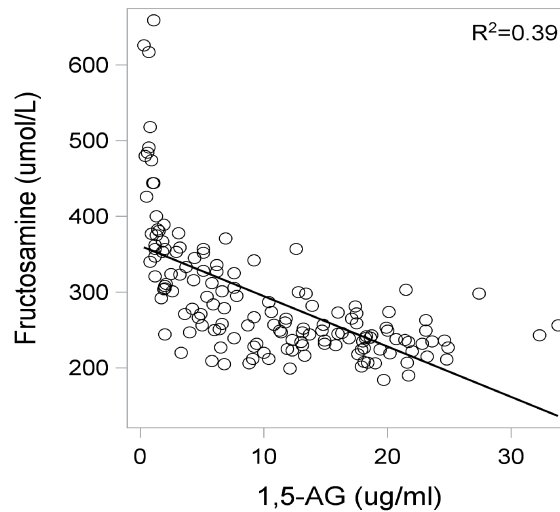
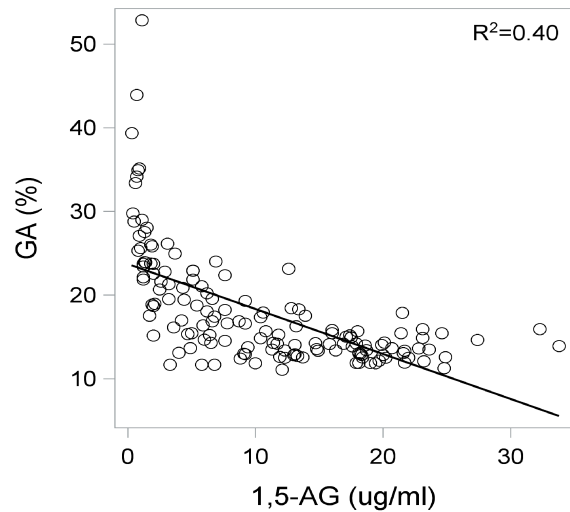
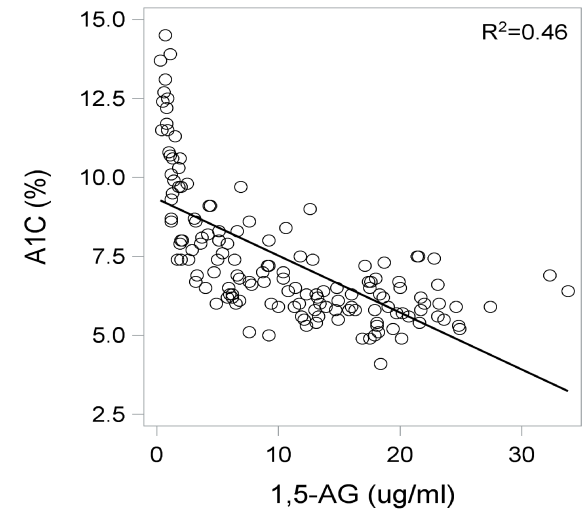
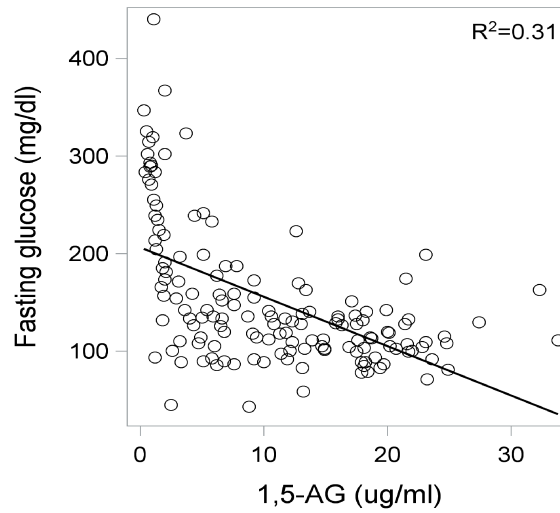
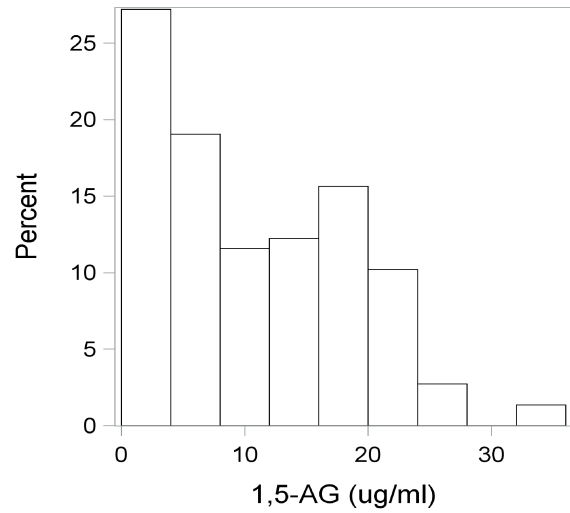


Table S7. Histogram of fasting glucose and scatterplots of fasting glucose with A1c, glycated albumin (GA), fructosamine, 1,5-anhydroglucitol (1,5-AG) and 2-hour glucose among individuals without diabetes, the CARDIA Study 2005-2006

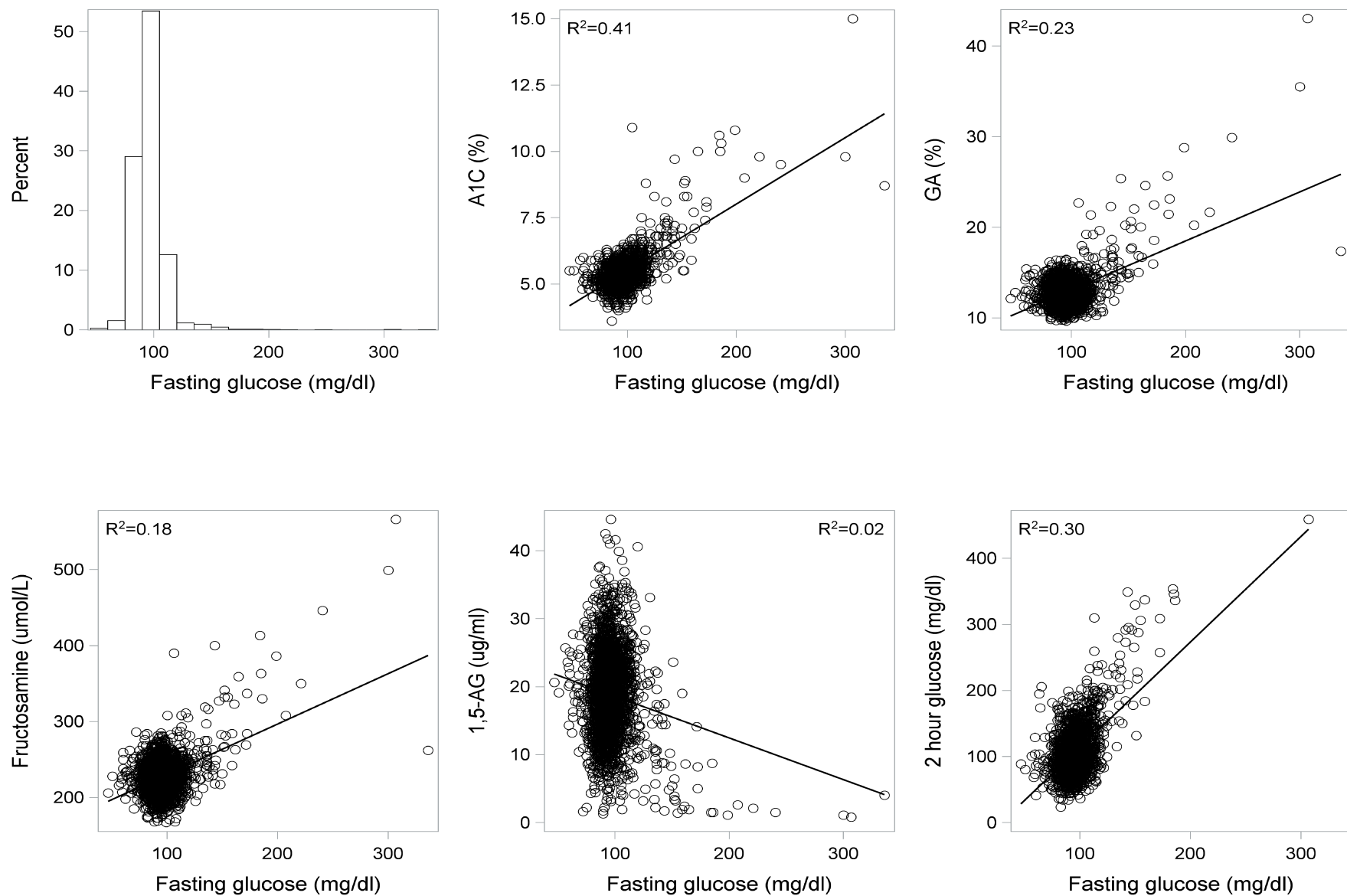


Table S8. Histogram of A1c and scatterplots of A1c with fasting glucose, glycated albumin (GA), fructosamine, 1,5-anhydroglucitol (1,5-AG) and 2-hour glucose among individuals without diabetes, the CARDIA Study 2005-2006

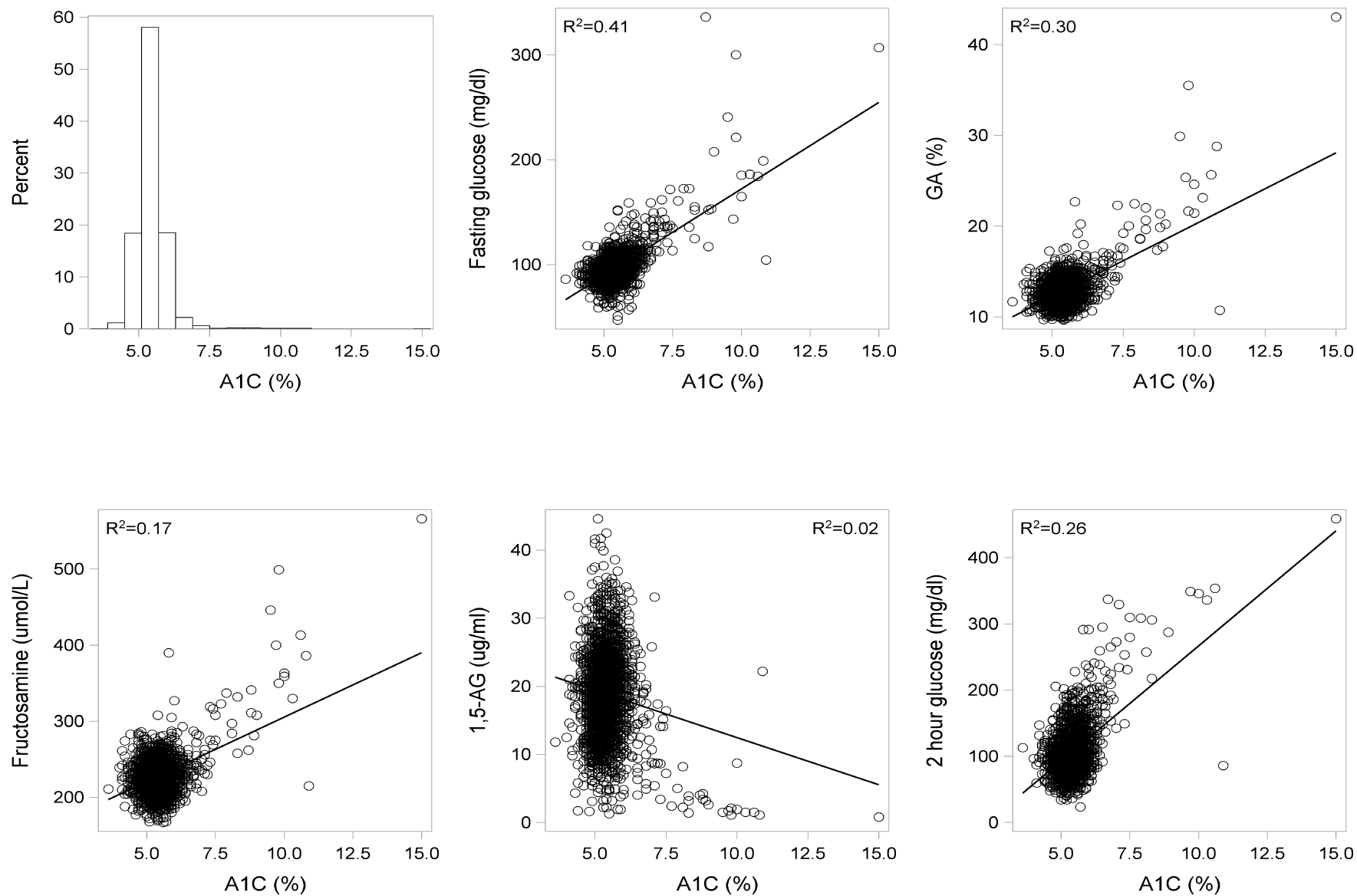


Table S9. Histogram of glycated albumin (GA) and scatterplots of GA with fasting glucose, A1c, fructosamine, 1,5-anhydroglucitol (1,5-AG) and 2-hour glucose among individuals without diabetes, the CARDIA Study 2005-2006

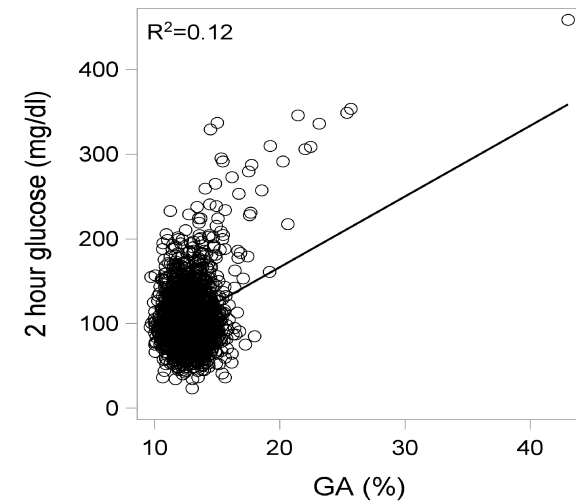
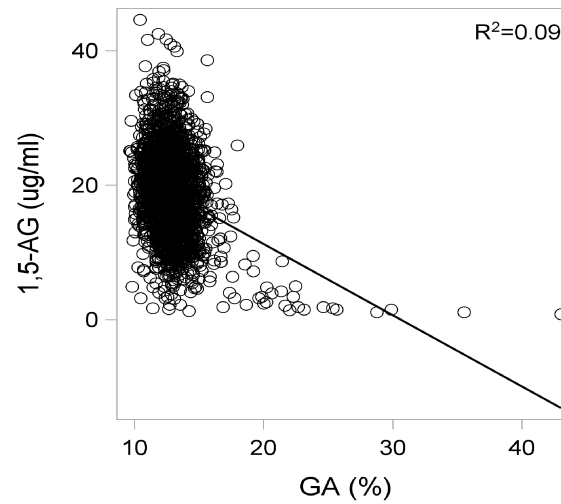
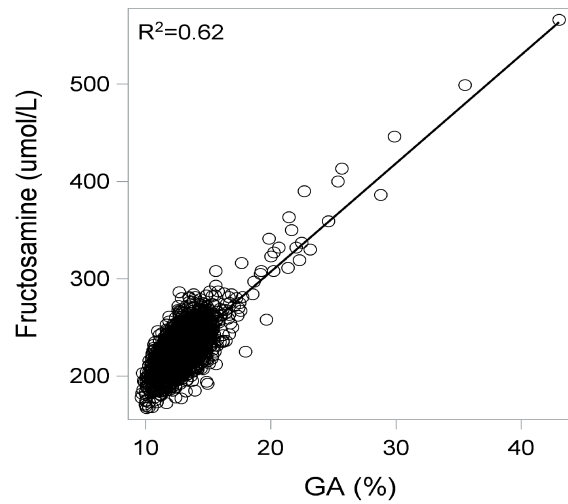
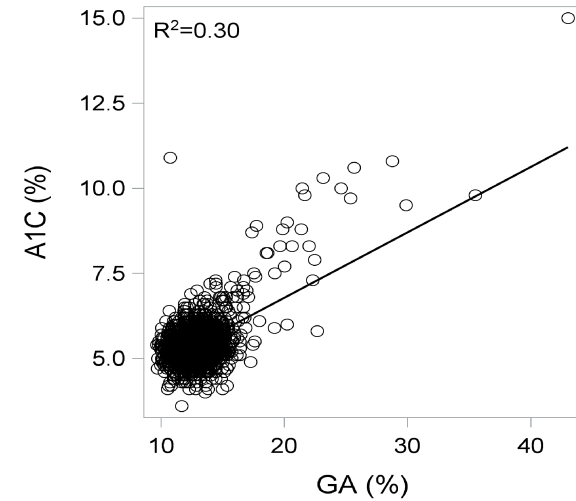
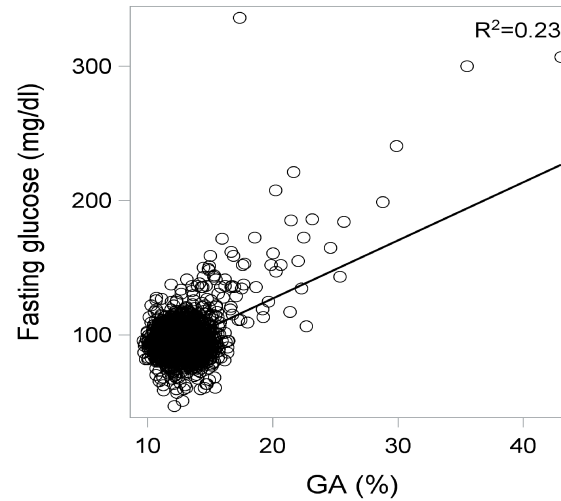
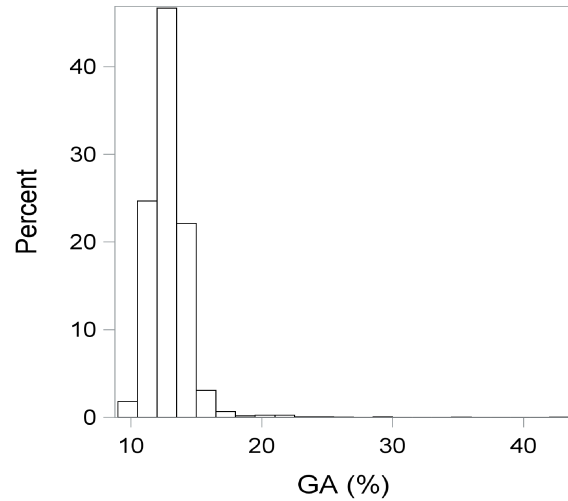


Table S10. Histogram of fructosamine and scatterplots of fructosamine with fasting glucose, A1c, glycated albumin (GA), 1,5-anhydroglucitol (1,5-AG) and 2-hour glucose among individuals without diabetes, the CARDIA Study 2005-2006

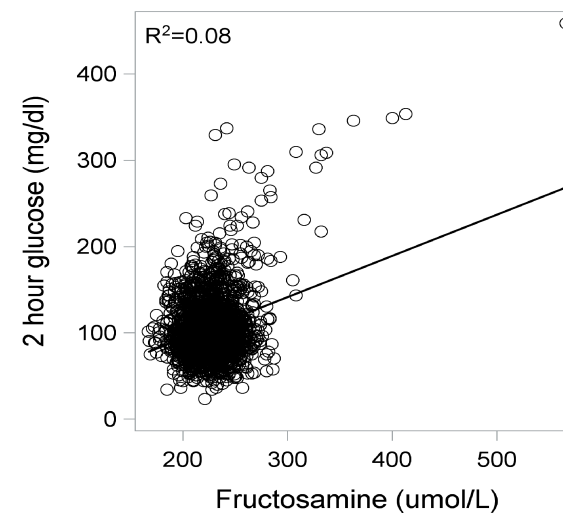
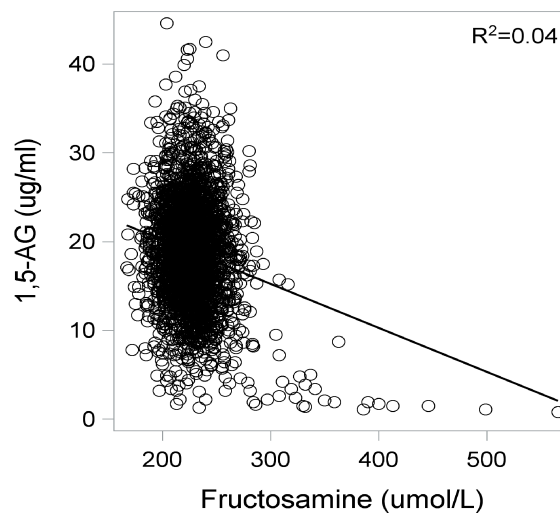
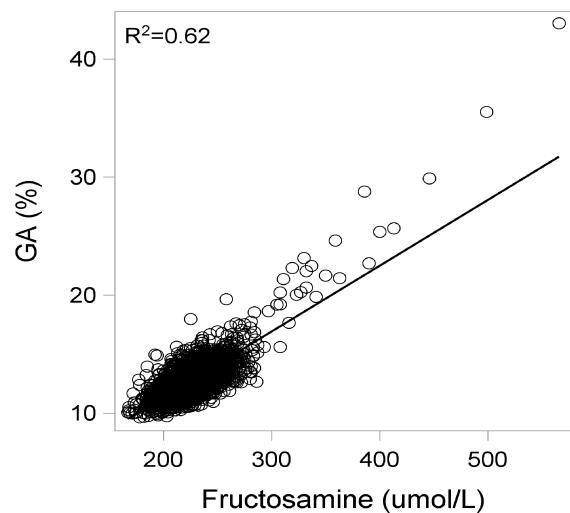
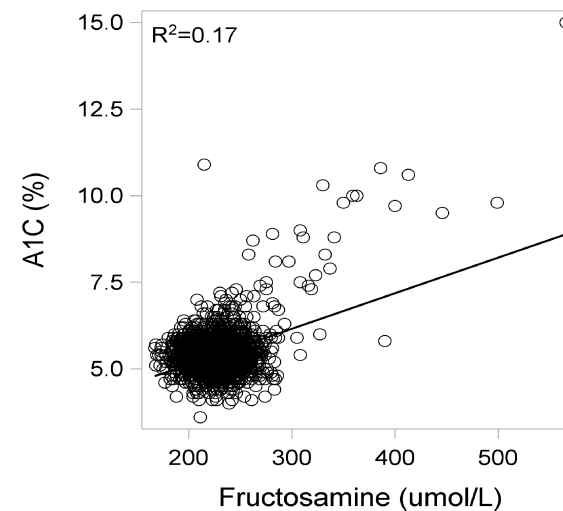
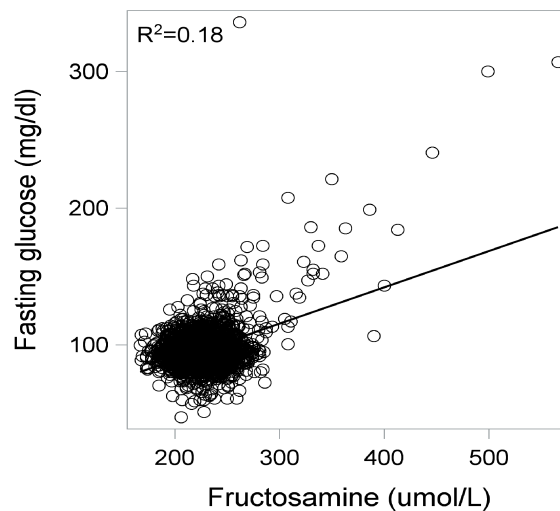
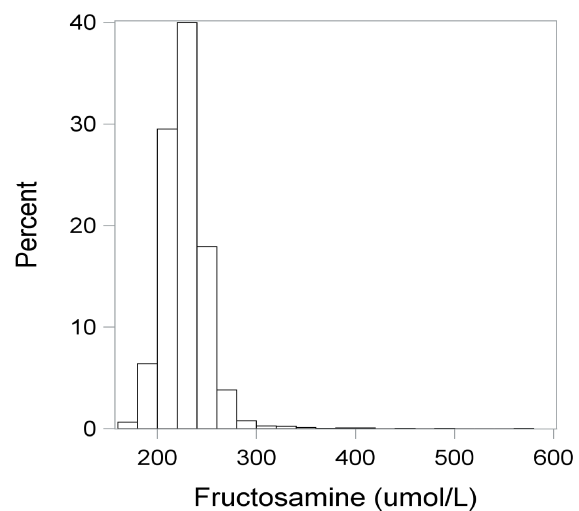


Table S11. Histogram of 1,5-anhydroglucitol (1,5-AG) and scatterplots of 1,5-AG with fasting glucose, A1c, glycated albumin (GA), fructosamine, and 2-hour glucose among individuals without diabetes, the CARDIA Study 2005-2006

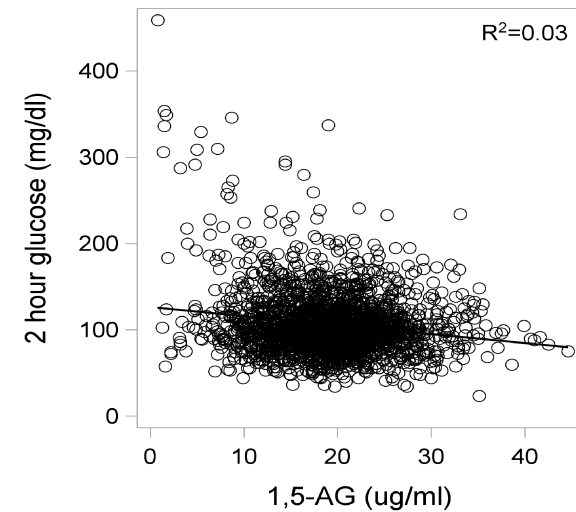
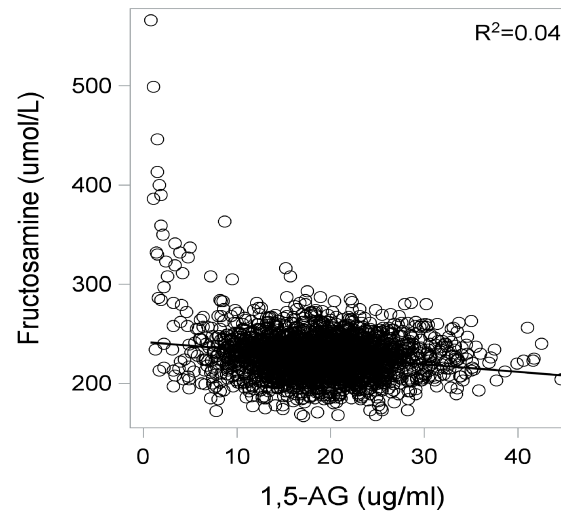
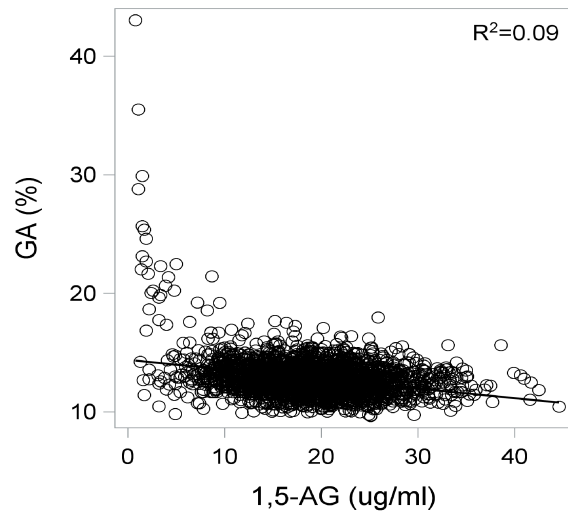
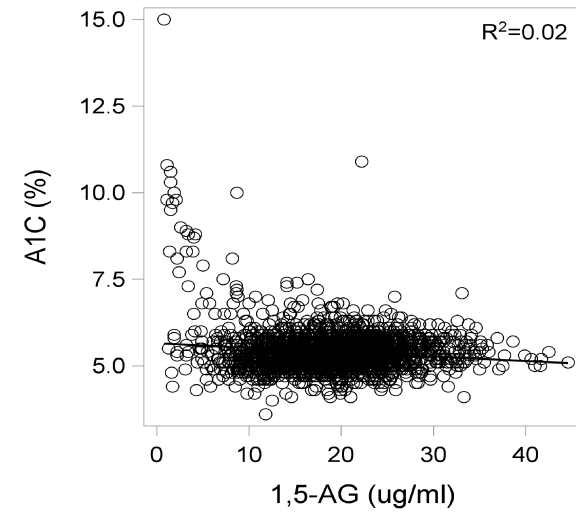
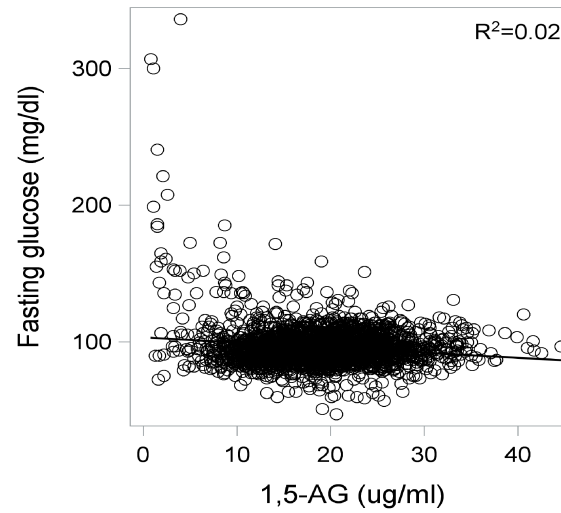
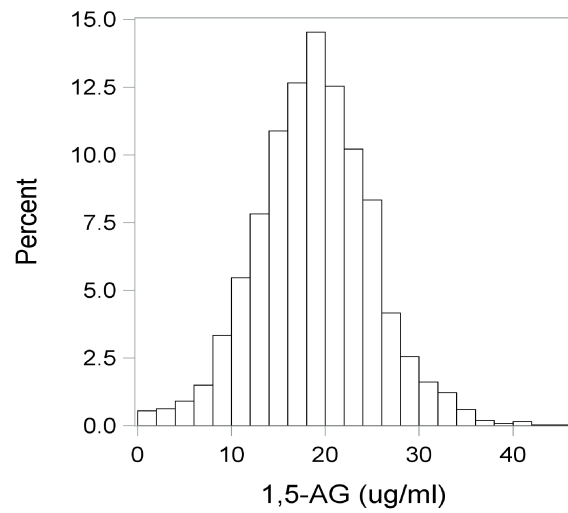


Table S12. Histogram of 2 hour glucose and scatterplots of 2 hour glucose with fasting glucose, A1c, glycated albumin (GA), fructosamine, and 1,5-anhydroglucitol (1,5-AG) among individuals without diabetes, the CARDIA Study 2005-2006

