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

| Glycemic markers                      | Diagnosed Diabetes (N=147) | No Diagnosed Diabetes (N=2545) |
|---------------------------------------|----------------------------|--------------------------------|
|                                       | Fasting glucose | A1c          | Glycated albumin | Fructosamine | 1,5-Anhydroglucitol | Fasting glucose | A1c          | Glycated albumin | Fructosamine | 1,5-Anhydroglucitol | 2-hour postchallenge glucose* |
| Fasting glucose (mg/dL)               | 1.00           | 0.76 (<.0001) | 0.77 (<.0001) | 0.78 (<.0001) | -0.59 (<.0001)     | 1.00           | 0.37 (<.0001) | 0.04 (0.0729)  | 0.09 (<.0001) | 0.02 (0.3805)       | 0.31 (<.0001) |
| A1c (%)                               | 0.76 (<.0001) | 1.00          | 0.84 (<.0001) | 0.80 (<.0001) | -0.76 (<.0001)     | 0.37 (<.0001) | 1.00          | 0.15 (<.0001)  | 0.06 (0.0053) | 0.05 (0.0128)       | 0.26 (<.0001) |
| Glycated albumin (%)                  | 0.77 (<.0001) | 0.84 (<.0001) | 1.00          | 0.94 (<.0001) | -0.73 (<.0001)     | 0.04 (0.0729) | 0.15 (<.0001) | 1.00          | 0.64 (<.0001) | -0.21 (<.0001)      | 0.06 (0.0042) |
| Fructosamine (µmol/L)                | 0.78 (<.0001) | 0.80 (<.0001) | 0.94 (<.0001) | 1.00          | -0.72 (<.0001)     | 0.06 (0.0053) | 0.06 (0.0053) | 1.00          | -0.10 (<.0001) | 0.05 (0.0118)       | -0.08 (0.0002) |
| 1,5-anhydroglucitol (µg/mL)          | -0.59 (<.0001) | -0.76 (<.0001) | -0.73 (<.0001) | -0.72 (<.0001) | 1.00                | 0.02 (0.3805) | 0.05 (0.0128) | -0.21 (<.0001) | 1.00          | -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