

Supplement Table 1. Correlation between HbA1c and Albumin corrected Fructosamine by Albumin and Hemoglobin quartile

| | Percentile | 0 | 25 | 50 | 75 | 100 |
|------------|----------------|-----|------|------|------|------|
| Albumin | g/dL | 1.3 | 3.6 | 3.9 | 4.2 | 5.1 |
| | Spearman's rho | | 0.75 | 0.74 | 0.77 | 0.67 |
| Hemoglobin | g/dL | 6.7 | 12.7 | 14 | 15.2 | 17.9 |
| | Spearman's rho | | 0.64 | 0.68 | 0.73 | 0.75 |

corrected fructosamine (mmol/l)=(measured fructosamine + 0.03 (40-serum albumin g/l), mmol/L[20].

Supplement Table 2. Correlation between HbA1c and fructosamine by diabetes severity level as measured by HbA1c

| | | | |
|----------------|-------|---------|------|
| HbA1c (%) | <5.7 | 5.7-6.4 | ≥6.5 |
| Spearman's rho | -0.08 | 0.16 | 0.68 |