

Supplementary Table 1. Relative risk for coronary artery calcium score >100 according to tertiles of each baseline parameter

| Parameter | OR (95% CI) | | | |
|-------------|---------------------|-----------------------|-----------------------|-----------------------|
| | Unadjusted | Model 1 ^{a)} | Model 2 ^{b)} | Model 3 ^{c)} |
| HOMA-IR | | | | |
| 1st tertile | 1.000 | 1.000 | 1.000 | 1.000 |
| 2nd tertile | 1.158 (0.951–1.412) | 1.317 (1.069–1.621) | 1.204 (0.976–1.486) | 1.202 (0.974–1.483) |
| 3rd tertile | 1.812 (1.512–2.172) | 2.052 (1.693–2.487) | 1.745 (1.432–2.126) | 1.734 (1.423–2.114) |
| TyG index | | | | |
| 1st tertile | 1.000 | 1.000 | 1.000 | 1.000 |
| 2nd tertile | 1.541 (1.250–1.901) | 1.197 (0.960–1.493) | 1.09 (0.871–1.364) | 1.076 (0.860–1.348) |
| 3rd tertile | 2.548 (2.100–3.091) | 1.894 (1.727–2.076) | 1.68 (1.358–2.079) | 1.644 (1.326–2.037) |
| TyG-BMI | | | | |
| 1st tertile | 1.000 | 1.000 | 1.000 | 1.000 |
| 2nd tertile | 2.000 (1.612–2.483) | 1.529 (1.217–1.920) | 1.376 (1.091–1.735) | 1.355 (1.074–1.709) |
| 3rd tertile | 2.941 (2.397–3.609) | 2.57 (2.065–3.198) | 2.101 (1.673–2.639) | 2.056 (1.635–2.584) |
| TyG-WC | | | | |
| 1st tertile | 1.000 | 1.000 | 1.000 | 1.000 |
| 2nd tertile | 2.11 (1.694–2.628) | 1.455 (1.155–1.834) | 1.306 (1.033–1.652) | 1.287 (1.017–1.629) |
| 3rd tertile | 3.134 (2.546–3.859) | 2.299 (1.841–2.870) | 1.863 (1.479–2.346) | 1.823 (1.445–2.300) |

OR, odds ratio; CI, confidence interval; HOMA-IR, homeostasis model assessment index of insulin resistance; TyG, triglyceride glucose; BMI, body mass index; WC, waist circumference.

^{a)}Model 1, adjustment for age and sex; ^{b)}Model 2, adjustment for age, sex, systolic blood pressure (SBP), and low density lipoprotein cholesterol (LDL-C); ^{c)}Model 3, adjustment for age, sex, SBP, LDL-C, exercise, and smoking.