

Supplemental Table 1. Cardiovascular risk factors stratified by quartile of maximum

TBR

	1st quartile (n=30)	2nd quartile (n=30)	3rd quartile (n=30)	4th quartile (n=30)	P value
Maximum TBR	(0.83 -1.10)	(1.10-1.27)	(1.27-1.42)	(1.42-2.35)	
Age (years)	51.5 ± 9.0	50.4 ± 7.8	47.4 ± 12.9	51.1 ± 9.7	0.60
BMI (kg/m ²)	22.3 ± 3.2 ^a	24.2 ± 2.3 ^{ab}	25.4 ± 3.5 ^b	26.0 ± 3.1 ^b	<0.01 [*]
Waist circumference (cm)	80.0 ± 9.3 ^a	83.4 ± 6.6 ^{ab}	85.6 ± 7.9 ^{bc}	88.7 ± 6.5 ^c	<0.01 [*]
SBP (mm Hg)	122.8 ± 11.0	120.3 ± 16.6	125.0 ± 14.4	128.8 ± 27.5	0.13
DBP (mm Hg)	80.7 ± 7.7 ^a	79.8 ± 10.3 ^a	82.1 ± 11.6 ^a	89.3 ± 11.0 ^b	<0.01 [*]
LDL-C (mg/dL)	93.6 ± 29.7 ^a	155.3 ± 34.0 ^b	102.5 ± 24.1 ^a	152.8 ± 24.1 ^b	<0.01 [†]
HDL-C (mg/dL)	48.2 ± 14.9	52.7 ± 12.2	44.6 ± 12.6	45.4 ± 10.4	0.11
Triglycerides (mg/dL) [‡]	65.5 (53.0, 96.3) ^a	95.0 (70.5, 148.0) ^b	113.0 (86.0, 219.5) ^{bc}	131.0 (118.5, 180.8) ^c	<0.01 [*]
FBG (mg/dL)	77.6 ± 15.2	90.8 ± 11.4	92.2 ± 15.1	98.1 ± 10.4	<0.01 [*]
hsCRP (mg/L) [‡]	0.31 (0.20, 0.76) ^a	0.52 (0.41, 0.74) ^a	2.98 (2.20, 5.61) ^b	3.43 (2.52, 6.05) ^b	<0.01 [*]
Lp-PLA ₂ (ng/mL)	216.9 ± 89.4 ^a	154.7 ± 82.2 ^b	159.7 ± 65.1 ^b	161.0 ± 51.0 ^b	0.02 [†]
MCP-1 (pg/mL)	245.1 ± 64.6	302.7 ± 153.8	284.2 ± 140.3	307.1 ± 144.8	0.14
Mean IMT (mm)	0.68 ± 0.19	0.67 ± 0.15	0.63 ± 0.16	0.73 ± 0.13	0.31
Maximum IMT (mm)	0.81 ± 0.25	0.80 ± 0.16	0.76 ± 0.19	0.90 ± 0.19	0.19

TBR = target-to-background ratio; BMI = body mass index; SBP = systolic blood pressure; DBP =

diastolic blood pressure; LDL-C = low-density lipoprotein cholesterol; HDL-C = high-density

lipoprotein cholesterol; FBG = fasting blood glucose; hsCRP = high sensitivity C-reactive protein;

Lp-PLA₂ = lipoprotein-associated phospholipase A₂; MCP-1 = monocyte chemoattractant protein-1;

IMT = intima-media thickness.

Data are expressed as the mean ± SD or median (inter-quartile range).

^{*}: *P*-value represents significant linear association with maximum TBR levels.

[†]: *P*-value represents significant quadratic or cubic relationships with maximum TBR levels.

[‡]: Original value was transformed to the ranked one in order to compute the *P*-value for linear trend.

^{a,b,c}: Same alphabet indicates no statistical difference between the two groups, based on Tukey's HSD

post-hoc analysis.