

**Supplementary Table 1.** Baseline laboratory findings of the study population

Variable	Total (n = 517)	Cystatin C/creatinine ratio				p-value
		Q1 (n = 128)	Q2 (n = 130)	Q3 (n = 130)	Q4 (n = 129)	
Hemoglobin (g/dL)	12.2 (11.0–13.8)	12.3 (10.9–14.3)	12.8 (11.4–14.3)	12.1 (11.2–13.6)	11.9 (10.8–13.2)	0.009
Total cholesterol (mg/dL)	153.0 (134.0–181.5)	153.0 (134.0–189.0)	156.0 (133.5–180.5)	150.0 (134.0–172.0)	152.0 (133.0–183.0)	0.89
Total protein (g/dL)	7.1 (6.7–7.4)	7.0 (6.6–7.4)	7.1 (6.8–7.5)	7.1 (6.7–7.3)	7.0 (6.7–7.5)	0.59
Serum albumin (g/dL)	4.2 (3.9–4.5)	4.3 (3.9–4.5)	4.3 (4.0–4.6)	4.2 (4.0–4.4)	4.1 (3.8–4.3)	<0.001
Uric acid (mg/dL)	6.2 (5.0–7.3)	6.1 (5.0–7.5)	6.5 (5.2–7.6)	6.2 (5.0–7.0)	6.1 (4.5–7.3)	0.24
Blood urea nitrogen (mg/dL)	25.7 (19.5–35.7)	28.3 (19.6–44.9)	23.7 (19.0–34.7)	25.9 (19.4–33.5)	25.3 (19.9–33.0)	0.04
Serum creatinine (mg/dL)	1.6 (1.2–2.2)	2.2 (1.3–3.2)	1.5 (1.2–2.2)	1.6 (1.2–2.1)	1.4 (1.1–1.7)	<0.001
Cystatin C (mg/L)	1.7 (1.2–2.3)	1.7 (1.0–2.8)	1.5 (1.1–2.1)	1.8 (1.4–2.2)	1.9 (1.4–2.4)	0.002
Sodium (mmol/L)	140.0 (138.0–141.0)	140.0 (138.0–141.0)	140.0 (138.0–141.0)	139.5 (138.0–141.3)	139.0 (138.0–141.0)	0.53
Potassium (mmol/L)	4.6 (4.3–5.0)	4.7 (4.3–5.1)	4.5 (4.3–4.9)	4.6 (4.3–5.0)	4.6 (4.3–4.9)	0.46
Calcium (mg/dL)	9.3 (9.0–9.7)	9.3 (8.9–9.7)	9.5 (9.1–9.8)	9.4 (9.0–9.8)	9.3 (8.9–9.7)	0.04
Phosphorus (mg/dL)	3.6 (3.3–4.1)	3.6 (3.3–4.1)	3.6 (3.2–4.0)	3.7 (3.3–4.0)	3.7 (3.2–4.2)	0.89
Total CO2 (mmol/L)	25.0 (23.0–28.0)	25.0 (22.0–28.0)	25.0 (23.8–28.0)	25.0 (23.0–27.0)	25.0 (23.0–28.0)	0.30

Data are expressed as median (interquartile range).

Female: Q1, 0.246–0.986; Q2, 0.993–1.150; Q3, 1.152–1.302; Q4, 1.314–2.836. Male: Q1, 0.422–0.829; Q2, 0.833–0.955; Q3, 0.956–1.078; Q4, 1.079–2.686.