

eTable 1. Characteristics of study participants according to serum (EPA+DHA):AA tertile in men in the Sasayama study, 2012-2013

	Tertile of (EPA+DHA):AA		
	T ₁ (0.409-0.904)	T ₂ (0.908-1.318)	T ₃ (1.323-3.188)
Number of participants	78	80	79
Age, years	53 (7)	57 (7)	58 (6)
BMI, kg/m ²	23.3 (3.1)	23.5 (2.9)	23.7 (3.2)
Systolic blood pressure, mm Hg	124 (16)	129 (16)	131 (19)
Diastolic blood pressure, mm Hg	77 (11)	80 (10)	80 (11)
Hypertension, %	29.5	38.8	43.0
Glucose, mg/dL	100	101	100
Diabetes, %	11.5	12.5	16.5
Total cholesterol, mg/dL	204 (35)	215 (32)	205 (33)
LDL cholesterol, mg/dL	124 (31)	125 (30)	122 (32)
HDL cholesterol, mg/dL	57 (13)	62 (17)	57 (14)
Medication for dyslipidemia, %	17.9	6.3	5.1
Current smoking, %	43.6	25.0	29.1
Current drinking, %	67.9	86.3	75.9
History of CVD, %	3.8	6.3	6.3
High-sensitivity C-reactive protein, mg/L	0.5	0.4	0.4
Serum n-3 PUFA, ^a µg/mL	201.9 (48.1)	284.5 (69.6)	375.7 (85.0)
Serum n-6 PUFA, ^b µg/mL	1179.9 (208.9)	1180.2 (232.9)	1077.4 (192.2)
Serum long chain n-3 PUFA, ^c µg/mL	178.7 (44.8)	256.4 (67.3)	347.8 (82.1)
Fish intake, g/week	97 (5)	234 (3)	340 (2)
Serum creatinine, mg/dL	0.90 (0.24)	0.88 (0.13)	0.86 (0.16)
eGFR _{cre} , mL/min/1.73 m ²	73 (15)	72 (13)	74 (16)
Serum cystatin C, mg/L	0.94 (0.21)	0.87 (0.12)	0.88 (0.14)
eGFR _{cys} , mL/min/1.73 m ²	85 (17)	89 (15)	89 (16)

AA, arachidonic acid; BMI, body mass index; CVD, cerebral and cardiovascular disease; DHA, docosahexaenoic acid; EPA, eicosapentaenoic acid; HDL, high-density lipoprotein; LDL, low-density lipoprotein; PUFA, polyunsaturated fatty acid.

Values are means (standard deviations) unless specified otherwise. Glucose and high-sensitivity C-reactive protein levels are presented as medians. Fish intake is presented as geometric mean (SD).

^a N-3 PUFA: the sum of linolenic acid, EPA, DHA, and docosapentaenoic acid.

^b N-6 PUFA: the sum of linoleic acid, γ -linolenic acid, dihomo- γ -linolenic acid, and AA.

^c Long-chain n-3 PUFA: the sum of EPA, DHA, and docosapentaenoic acid.