

**Online Table 1 A.** Characteristics of participants and non-participants of the follow-up study with zero coronary calcium score at baseline in Japanese

	Participants (n=255)	Non-participants (n=58)	p
Age (years)	45.1 (2.8)	45.0 (2.8)	0.880
Body-mass index (kg/m <sup>2</sup> )	23.8 (3.1)	23.4 (2.9)	0.405
Systolic blood pressure (mmHg)	125.2 (16.2)	123.9 (15.4)	0.580
Medication for hypertension (%)	5.5	5.1	>0.999
LDL-C (mmol/L)	3.42 (0.93)	3.43 (0.96)	0.981
HDL-C (mmol/L)	1.39 (0.35)	1.45 (0.35)	0.295
Triglycerides (mmol/L)	1.56 (1.16, 2.06)	1.51 (1.09, 2.07)	0.778
Medication for hyperlipidemia (%)	3.1	5.2	0.715
Glucose (mmol/L)	5.92 (0.99)	5.94 (1.22)	0.906
Diabetes (%)	6.7	3.4	0.534
C-reactive protein (mg/L)	0.30 (0.15, 0.66)	0.35 (0.17, 0.74)	0.460
Smoking			
Current (%)	49.4	48.3	0.991
Former (%)	32.9	36.2	0.748
Pack years	18.0 (3.0, 29.0)	21.9 (8.3, 30.4)	0.357
Alcohol			
Drinker (≥2 day/week)	67.5	65.5	0.898
Ethanol consumption (g/day)	14.0 (2.6, 42.0)	20.0 (1.8, 56.0)	0.530
Total marine n-3 fatty acids (%)	9.25 (2.79)	9.39 (3.62)	0.786
Eicosapentaenoic acids (EPA) (%)	2.50 (1.35)	2.61 (1.71)	0.775
Docosahexaenoic acids (DHA) (%)	5.90 (1.56)	5.98 (2.03)	0.645
Coronary calcium score	0.0 (0.0, 1.5)	0.0 (0.0, 1.9)	0.766
Rate of coronary calcification (%)	11.7	13.8	0.721

Values are expressed as mean (standard deviation) or median (25<sup>th</sup> and 75<sup>th</sup> percentile) for continuous variables and % for categorical variables.

LDL-C: low density lipoprotein cholesterol, HDL-C: high density lipoprotein cholesterol,

Total marine n-3 fatty acids were defined as the sum of eicosapentaenoic, docosapentaenoic, and docosahexaenoic acids.

**Online Table 1 B.** Characteristics of participants and non-participants of the follow-up study with zero coronary calcium score at baseline in whites

	Participants (n=245)	Non-participants (n=65)	p
Age (years)	44.9 (2.7)	44.9 (2.8)	0.819
Body-mass index (kg/m <sup>2</sup> )	27.8 (4.0)	28.5 (5.7)	0.378
Systolic blood pressure (mmHg)	122.6 (10.9)	122.4 (12.3)	0.890
Medication for hypertension (%)	8.2	10.8	0.678
LDL-C (mmol/L)	3.42 (0.93)	3.43 (0.96)	0.519
HDL-C (mmol/L)	1.39 (0.35)	1.45 (0.35)	0.111
Triglycerides (mmol/L)	1.47 (1.07, 2.10)	1.33 (1.00, 1.90)	0.164
Medication for hyperlipidemia (%)	13.1	9.2	0.532
Glucose (mmol/L)	5.62 (0.80)	5.73 (1.01)	0.368
Diabetes (%)	3.7	3.1	>0.999
C-reactive protein (mg/L)	1.00 (0.54, 1.87)	0.84 (0.35, 1.50)	0.067
Smoking	3.7	3.1	
Current (%)	6.9	10.8	0.444
Former (%)	18.4	23.1	0.498
Pack years	0.0 (0.0, 0.5)	0.0 (0.0, 4.9)	0.245
Alcohol			
Drinker (≥2 day/week)	44.9	41.5	0.731
Ethanol consumption (g/day)	4.9 (0.9, 16.5)	4.3 (1.0, 14.9)	0.549
Total marine n-3 fatty acids (%)	3.78 (1.70)	4.13 (1.87)	0.368
Eicosapentaenoic acids (EPA) (%)	0.80 (0.60)	0.79 (0.45)	0.970
Docosahexaenoic acids (DHA) (%)	2.33 (1.24)	2.52 (1.14)	0.295
Coronary calcium score	1.4 (0.0, 12.5)	0.0 (0.0, 10.3)	0.107
Rate of coronary calcification (%)	26.5	25.4	0.983

Values are expressed as mean (standard deviation) or median (25<sup>th</sup> and 75<sup>th</sup> percentile) for continuous variables and % for categorical variables.

LDL-C: low density lipoprotein cholesterol, HDL-C: high density lipoprotein cholesterol,

Total marine n-3 fatty acids were defined as the sum of eicosapentaenoic, docosapentaenoic, and docosahexaenoic acids.

**Online Table 2** The number of individuals by coronary calcium score both at baseline and follow-up scans in each of Japanese and whites

Japanese		CCS at follow-up				
		0	0 < & <10	10 ≤ & <100	100 ≤	Total
CCS at baseline	0	151	14	9	1	175
	0 < & <10	27	11	11	1	50
	10 ≤ & <100	3	0	12	8	23
	100 ≤	0	0	0	5	5
	Total	181	25	32	15	253

  

Whites		CCS at follow-up				
		0	0 < & <10	10 ≤ & <100	100 ≤	Total
CCS at baseline	0	72	26	14	1	113
	0 < & <10	19	29	16	3	67
	10 ≤ & <100	2	2	27	20	51
	100 ≤	0	0	0	12	12
	Total	93	57	57	36	243

CCS: Coronary calcium score