

Variable [unit]	Lipophilic index				
	Q1 (n=964)	Q2 (n=955)	Q3 (n=998)	Q4 (n=937)	Q5 (n=979)
Lipophilic index [Celsius]	22.80 (20.83 - 23.52)	24.18 (23.66 - 24.67)	25.23 (24.77 - 25.67)	26.22 (25.76 - 26.73)	27.63 (26.87 - 29.61)
Age at inclusion [years]	57.7 (50.8 - 64.4)	57.1 (50.7 - 64.4)	56.8 (50.8 - 64.4)	57.1 (50.9 - 64.2)	57.0 (50.7 - 64.5)
Female [% (n)]	71.1 (685)	52.4 (500)	41.2 (411)	32.2 (302)	20.1 (197)
Body mass index [m/kg ²]	26.5 (21.1 - 36.0)	26.2 (20.8 - 34.2)	26.0 (21.0 - 33.5)	25.5 (20.3 - 32.8)	25.7 (20.6 - 32.0)
Waist circumference [cm]	88.0 (70.0 - 114.0)	90.0 (69.0 - 114.0)	91.0 (70.0 - 111.0)	92.0 (71.0 - 110.0)	93.0 (71.0 - 110.0)
Physical activity [hours/week]	2.0 (0.0 - 10.0)	2.0 (0.0 - 11.0)	2.0 (0.0 - 10.0)	2.0 (0.0 - 11.5)	2.5 (0.0 - 12.0)
Smoking status [% (n)]					
- <i>Never</i>	34.6 (334)	31.9 (305)	30.6 (305)	28.9 (271)	29.5 (289)
- <i>Former</i>	26.6 (256)	27.1 (259)	27.1 (270)	29.0 (272)	31.5 (308)
- <i>Current <15 g tobacco/day</i>	14.5 (140)	16.6 (159)	13.0 (130)	14.8 (139)	12.3 (120)
- <i>Current 15-25 g tobacco/day</i>	18.7 (180)	17.1 (163)	20.0 (200)	18.5 (173)	17.8 (174)
- <i>Current >25 g tobacco/day</i>	5.6 (54)	7.2 (69)	9.3 (93)	8.8 (82)	9.0 (88)
Alcohol intake [g/day]	10.1 (0.4 - 65.0)	13.1 (0.7 - 67.7)	15.4 (0.7 - 68.6)	16.4 (1.0 - 70.3)	18.2 (1.2 - 69.6)
Education level [% (n)]					
- <i>≤7 years</i>	36.3 (350)	35.6 (340)	35.4 (353)	38.7 (363)	32.6 (319)
- <i>8-10 years</i>	46.5 (448)	45.9 (438)	44.5 (444)	41.0 (384)	42.8 (419)
- <i>>10 years</i>	17.2 (166)	18.5 (177)	20.1 (201)	20.3 (190)	24.6 (241)
Hypertension [% (n)]	23.4 (226)	22.0 (210)	20.6 (206)	19.4 (182)	15.5 (152)
Diabetes mellitus [% (n)]	3.0 (29)	2.6 (25)	3.5 (35)	2.8 (26)	3.9 (38)
Hypercholesterolemia [% (n)]	83.4 (804)	85.8 (819)	86.1 (859)	84.6 (793)	84.1 (823)
Atrial fibrillation/flutter [% (n)]	1.1 (11)	1.4 (13)	1.0 (10)	1.3 (12)	0.6 (6)
Ischemic stroke case [% (n)]	36.2 (349)	35.0 (334)	39.1 (390)	33.7 (316)	37.1 (363)
- <i>Large artery atherosclerosis</i>	5.5 (53)	5.2 (50)	7.9 (79)	5.1 (48)	7.2 (70)
- <i>Small-artery occlusion</i>	16.3 (157)	15.5 (148)	15.4 (154)	16.6 (156)	16.8 (164)
- <i>Cardioembolism</i>	2.2 (21)	1.6 (15)	2.3 (23)	2.1 (20)	2.0 (20)
- <i>Other etiology</i>	2.3 (22)	2.5 (24)	1.7 (17)	1.3 (12)	1.6 (16)

- <i>Unknown etiology</i>	10.0 (96)	10.2 (97)	11.7 (117)	8.5 (80)	9.5 (93)
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1 **Table S1** Baseline characteristics of subjects distributed across quintiles. Numerical values are displayed as median and 5th – 95th percentiles and categorical values as percentages
2 and absolute numbers.