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**Supplementary Table 1** Characteristics of subjects in older Japanese men (n=7143) and women (n=8306) by childhood SES

	Male (n=7143)				Female (n=8306)			
	Childhood SES				Childhood SES			
	High or middle-high (%)	Middle (%)	Middle-low or low (%)	<i>P-value</i>	High or middle-high (%)	Middle (%)	Middle-low or low (%)	<i>P-value</i>
Height <sup>a</sup>								
Short	6.1	7.8	9.0	<0.0001	12.6	12.4	15.9	<0.0001
Middle-short	16.9	16.3	17.7		25.5	29.2	29.2	
Middle	28.6	31.2	32.9		34.9	32.2	29.9	
Middle-tall	26.1	25.2	25.3		16.8	15.9	14.9	
Tall	17.9	14.2	11.2		5.4	4.5	3.7	
Missing	4.4	5.3	4.0		4.8	5.8	6.5	
Education (years)								
High (≥13)	34.0	22.5	13.3	<0.0001	19.2	9.3	5.9	<0.0001
Middle (10–12)	34.0	33.0	28.5		44.1	34.5	21.1	
Low (≤9)	26.3	39.6	54.6		32.2	51.6	68.4	
Other	1.1	0.7	0.5		0.4	0.5	0.6	
Missing	4.5	4.2	3.1		4.2	4.1	4.0	
Normalized current household income (million yen)								
High (≥4.00)	17.3	11.6	7.9	<0.0001	14.3	7.9	6.1	<0.0001
Middle (2.00–3.99)	35.5	35.7	33.6		29.1	28.7	25.0	
Low (<2.00)	34.0	36.3	45.2		33.0	37.3	45.0	

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4	Missing	13.2	16.4	13.4		23.7	26.1	23.9
5	Living situation							
6								
7	Own home	87.3	89.6	91.0	0.2	89.9	89.5	87.7
8	Rent home	7.1	4.4	4.4		5.1	4.9	6.5
9	Other	0.3	0.6	0.7		1.0	1.0	1.2
10	Missing	5.3	5.4	4.0		3.9	4.6	4.7
11	Longest occupation							
12								
13								
14	Non-manual	38.2	34.4	29.3	<0.0001	9.8	8.9	8.2
15	Manual	50.7	57.0	62.2		59.1	62.2	65.4
16	No occupation	0.5	0.3	0.4		10.1	8.0	5.8
17	Missing	10.7	8.3	8.1		21.0	20.9	20.5
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<sup>a</sup>Height (<155, 155–159.9, 160–164.9, 165–169.9, and ≥170cm for men and <145, 145–149.9, 150–154.9, 155–159.9, and ≥160cm for women)

P-values were calculated using x<sup>2</sup> test excluding missing values.

**Supplementary Table 2** All-cause mortality information during the follow up period in older

Japanese men (n=7143) and women (n=8306)

	Male (n=7143)		Female (n=8306)	
	Number of death (%)	Incidence rate per 100000 person-years (95% CI)	Number of death (%)	Incidence rate per 100000 person-years (95% CI)
Age				
Younger (65–74 years)	192 (4.3)	3.7 (3.2 - 4.2)	86 (1.7)	1.5 (1.2 - 1.8)
Older (75≤ years)	306 (11.7)	10.6 (9.4 - 11.8)	170 (5.1)	4.5 (3.9 - 5.2)
Childhood SES				
High or middle-high	57 (9.2)	8.3 (6.4 - 10.8)	44 (3.3)	2.9 (2.1 - 3.8)
Middle	196 (7.2)	6.3 (5.5 - 7.3)	117 (3.0)	2.6 (2.2 - 3.2)
Middle-low or low	245 (6.5)	5.7 (5.0 - 6.4)	95 (3.1)	2.7 (2.2 - 3.3)
Height <sup>a</sup>				
Short	72 (12.2)	11.0 (8.7 - 13.8)	63 (5.5)	4.9 (3.8 - 6.2)
Middle-short	80 (6.6)	5.8 (4.6 - 7.2)	75 (3.2)	2.7 (2.2 - 3.4)
Middle	142 (6.2)	5.5 (4.6 - 6.5)	61 (2.3)	2.0 (1.6 - 2.6)
Middle-tall	111 (6.1)	5.4 (4.5 - 6.5)	30 (2.3)	2.0 (1.4 - 2.9)
Tall	52 (5.6)	5.0 (3.8 - 6.5)	8 (2.2)	1.9 (1.0 - 3.9)
Missing	41 (12.7)	11.4 (8.4 - 15.4)	19 (3.9)	3.4 (2.2 - 5.4)
Education (years)				
High (≥13)	75 (5.6)	5.0 (4.0 - 6.3)	23 (2.9)	2.5 (1.7 - 3.8)
Middle (10–12)	124 (5.7)	4.9 (4.1 - 5.8)	58 (2.3)	1.9 (1.5 - 2.5)
Low (≤9)	268 (8.1)	7.2 (6.3 - 8.1)	157 (3.5)	3.0 (2.6 - 3.5)
Other	2 (4.7)	4.2 (1.1 - 16.9)	2 (4.9)	4.4 (1.1 - 17.6)
Missing	29 (11.2)	9.9 (6.9 - 14.3)	16 (4.7)	4.2 (2.6 - 6.9)

<sup>a</sup>Height (<155, 155–159.9, 160–164.9, 165–169.9, and ≥170cm for men and <145, 145–149.9, 150–154.9, 155–159.9, and ≥160cm for women).