

**Supplement 1.** The association of serum *hsCRP* level with the risk of all-cause mortality

	PY	E	MR	aHR	HR <sub>1year</sub>	HR <sub>2year</sub>
<b>All subjects</b>						
Continuous	781 035	2229	28.5	1.017 (1.012-1.021)	1.015 (1.010-1.020)	1.014 (1.009-1.019)
≤1.00	539 271	1153	21.4	Reference	Reference	Reference
1.01-1.50	90 911	308	33.9	1.26 (1.10-1.45)	1.27 (1.10-1.45)	1.21 (1.04-1.40)
1.51-2.00	44 615	163	36.5	1.28 (1.08-1.53)	1.28 (1.07-1.53)	1.26 (1.04-1.52)
2.01-2.50	25 139	117	46.5	1.53 (1.25-1.89)	1.51 (1.22-1.87)	1.49 (1.19-1.87)
2.51-3.00	16 996	72	42.4	1.39 (1.08-1.80)	1.31 (1.00-1.72)	1.23 (0.92-1.65)
3.01-4.00	19 667	103	52.4	1.61 (1.29-2.01)	1.62 (1.29-2.03)	1.64 (1.30-2.08)
4.01-6.00	17 933	102	56.9	1.84 (1.48-2.28)	1.77 (1.41-2.21)	1.70 (1.34-2.16)
6.01-10.00	13 019	88	67.6	2.02 (1.59-2.56)	1.96 (1.54-2.50)	1.93 (1.49-2.51)
>10.0	13 484	123	91.2	2.59 (2.12-3.16)	2.41 (1.95-2.97)	2.26 (1.80-2.84)
<i>P</i> -trend				<.001	<.001	<.001
<b>Men</b>						
Continuous	261 321	1365	52.2	1.019 (1.014-1.025)	1.017 (1.011-1.023)	1.017 (1.010-1.023)
≤1.00	163 068	638	39.1	Reference	Reference	Reference
1.01-1.50	36 094	190	52.6	1.27 (1.07-1.51)	1.28 (1.07-1.53)	1.22 (1.01-1.47)
1.51-2.00	17 946	103	57.4	1.34 (1.07-1.67)	1.34 (1.07-1.68)	1.35 (1.06-1.72)
2.01-2.50	10 059	77	76.5	1.56 (1.20-2.03)	1.53 (1.16-2.00)	1.47 (1.10-1.96)
2.51-3.00	6959	54	77.6	1.71 (1.27-2.29)	1.57 (1.15-2.15)	1.46 (1.04-2.05)
3.01-4.00	8177	77	94.2	1.88 (1.45-2.43)	1.94 (1.50-2.52)	1.92 (1.46-2.54)
4.01-6.00	7425	75	101.0	2.05 (1.59-2.63)	1.95 (1.49-2.53)	1.91 (1.44-2.52)
6.01-10.00	5456	59	108.1	2.03 (1.52-2.73)	1.96 (1.44-2.66)	1.85 (1.33-2.58)
>10.0	6137	92	149.9	2.84 (2.25-3.58)	2.66 (2.08-3.39)	2.58 (1.99-3.35)
<i>P</i> -trend				<.001	<.001	<.001
<b>Women</b>						
Continuous	519 714	864	16.6	1.013 (1.004-1.021)	1.011(1.002-1.021)	1.010 (0.999-1.021)
≤1.00	376 203	515	13.7	Reference	Reference	Reference
1.01-1.50	54 817	118	21.5	1.28 (1.03-1.59)	1.27 (1.02-1.58)	1.23 (0.97-1.56)
1.51-2.00	26 669	60	22.5	1.23 (0.92-1.64)	1.21 (0.90-1.63)	1.14 (0.83-1.56)
2.01-2.50	15 080	40	26.5	1.52 (1.09-2.14)	1.52 (1.08-2.15)	1.56 (1.09-2.24)
2.51-3.00	10 037	18	17.9	0.84 (0.49-1.44)	0.87 (0.51-1.48)	0.83 (0.46-1.47)
3.01-4.00	11 490	26	22.6	1.16 (0.75-1.81)	1.09 (0.68-1.72)	1.21 (0.76-1.93)
4.01-6.00	10 508	27	25.7	1.48 (0.99-2.22)	1.47 (0.97-2.22)	1.36 (0.86-2.14)
6.01-10.00	7563	29	38.3	2.00 (1.34-2.98)	1.98 (1.32-2.98)	2.10 (1.39-3.19)
>10.0	7347	31	42.2	2.02 (1.36-3.02)	1.84 (1.21-2.81)	1.51 (0.93-2.47)
<i>P</i> -trend				<.001	<.001	0.001
<b>Premenopause</b>						
≤1.00	141 286	96	6.8			
1.01-2.00	20 500	20	9.8	1.52 (0.92-2.52)	1.49 (0.89-2.50)	1.57 (0.90-2.73)
2.01-3.00	5835	6	10.3	1.76 (0.77-4.06)	1.83 (0.79-4.22)	1.42 (0.52-3.93)
3.01-10.0	6886	6	8.7	1.51 (0.66-3.50)	1.31 (0.53-3.25)	1.21 (0.44-3.36)
>10.0	1759	4	22.7	2.57 (0.81-8.14)	2.63 (0.83-8.37)	2.09 (0.51-8.58)
<i>P</i> -trend				0.020	0.036	0.150
<b>Postmenopause</b>						
≤1.00	192 164	366	19.0			
1.01-2.00	52 897	145	27.4	1.26 (1.03-1.55)	1.25 (1.02-1.54)	1.18 (0.95-1.48)
2.01-3.00	16 943	44	26.0	1.11 (0.80-1.56)	1.12 (0.80-1.57)	1.19 (0.83-1.68)
3.01-10.0	19 687	67	34.0	1.49 (1.13-1.97)	1.47 (1.10-1.95)	1.52 (1.13-2.05)
>10.0	4828	27	55.9	2.09 (1.37-3.21)	1.88 (1.19-2.96)	1.56 (0.92-2.63)
<i>P</i> -trend				<0.001	0.001	0.003

PY: Person-year, E: Number of death, MR: Mortality rate (10,000 person year)

aHR: Adjusted for age, gender, education, job, marital status, BMI, non-communicable disease history, smoking, alcohol consumption and exercise

HR<sub>1year</sub>: aHR after exclude subjects who died within 1 yr f/u time

HR<sub>2year</sub>: aHR after exclude subjects who died within 2 yr f/u time

**Supplement 2.** The association between serum *hsCRP* level and all-cause mortality by gender and non-communicable disease history (NCD<sub>history</sub>) at recruitment

	Healthy subjects at recruitment					Subjects with NCD <sub>history</sub> at recruitment				
	E	MR	aHR	HR <sub>1year</sub>	HR <sub>2year</sub>	E	MR	aHR	HR <sub>1year</sub>	HR <sub>2year</sub>
All										
≤ 1.00	517	15.1	Ref	Ref	Ref	636	32.3	Ref	Ref	Ref
1.01-2.00	145	22.9	1.20	1.19	1.16	326	45.1	1.20	1.19	1.16
2.01-3.00	53	29.3	1.38	1.37	1.32	136	56.6	1.51	1.46	1.41
3.01-10.0	102	46.8	2.22	2.15	2.15	191	66.3	1.62	1.60	1.58
>10.0	40	61.3	2.38	2.23	2.27	83	118.9	2.74	2.54	2.29
<i>P</i> -trend			<.001	<.001	<.001			<.001	<.001	<.001
Men										
≤ 1.00	270	29.5	Ref	Ref	Ref	368	51.4	Ref	Ref	Ref
1.01-2.00	89	35.8	1.11	1.11	1.13	204	70.0	1.40	1.41	1.33
2.01-3.00	33	46.3	1.22	1.17	1.15	98	99.0	1.82	1.73	1.61
3.01-10.0	70	76.8	2.14	2.08	2.03	141	118.1	1.92	1.90	1.83
>10.0	31	110.0	2.60	2.49	2.73	61	183.1	3.05	2.83	2.58
<i>P</i> -trend			<.001	<.001	<.001			<.001	<.001	<.001
Women										
≤ 1.00	247	9.8	Ref	Ref	Ref	268	21.4	Ref	Ref	Ref
1.01-2.00	56	14.6	1.35	1.32	1.20	122	28.3	1.19	1.20	1.19
2.01-3.00	20	18.2	1.61	1.66	1.60	38	26.9	1.06	1.06	1.11
3.01-10.0	32	25.2	2.31	2.23	2.37	50	29.7	1.16	1.14	1.17
>10.0	9	24.3	1.69	1.49	1.12	22	60.3	2.15	1.99	1.68
<i>P</i> -trend			<.001	<.001	0.001			0.018	0.043	0.084

E: Number of death, MR: Mortality rate (10 000 person year)

aHR: Adjusted for age, gender, education, job, marital status, BMI, non-communicable disease history, smoking, alcohol consumption and exercise

HR<sub>1year</sub>: aHR after exclude subjects who died within 1 yr f/u timeHR<sub>2year</sub>: aHR after exclude subjects who died within 2 yr f/u time