Correction

Dai Q, Shu X-O, Deng X, *et al*. Modifying effect of calcium/magnesium intake ratio and mortality: a population-based cohort study. *BMJ Open* 2013;**3**:e002111. The column headings in tables 1–5 have shifted, resulting in incorrectly labelled column headers.

Table 1: The first level column heading of 'Magnesium (mg/day)' should be shifted right to align with '251–<320'.

Table 2: The first level column heading of 'Calcium intake (mg/day)' encompasses the columns '<408' to 'p for interaction', and then 'Magnesium intake (mg/day)' encompasses the remaining columns from '<251' onwards.

Table 3: The first level column heading of 'Calcium intake (mg/day)' encompasses the columns '<408' to 'p for interaction', and then 'Magnesium intake (mg/day)' encompasses the remaining columns from '<251' onwards. The second level column headings should be shifted right by one column, so that '<408' aligns with '77215.85' in column 2.

Table 4: The first level column heading of 'Calcium intake (mg/day)' encompasses the columns '<408' to 'p for interaction', and then 'Magnesium intake (mg/day)' encompasses the remaining columns from '<251' onwards. The line starting with the second 'Ratio>1.7*' should be moved one line up while '1.7)' in the blank line should move one line up. The third 'Ratio≤1.7*' should be moved up one line and aligned with the third 'Ratio>1.7*' while the line starting with the third 'Ratio>1.7*' should be moved up one line into the blank line. The fourth 'Ratio>1.7*' should be moved up one line and aligned with the fourth 'Ratio≤1.7*'.

Table 5: The first level column heading of 'Calcium intake (mg/day)' encompasses the columns '<408' to 'p for interaction'. The column heading of 'Magnesium intake (mg/day)' encompasses the columns '<251' to 'p for interaction'.

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Table 1 Baseline lifestyle factors and demographics by intakes of calcium and magnesium, the Shanghai Women's Health Study (SWHS) and the Shanghai Men Health Study (SMHS), 1996–2009

	Calcium (mg/day)			Magnesium (mg/day)		
	<408	408–<600	≥600	<251	251–<320	≥320
Shanghai Women's Health Study						
Married (%)	87.87	90.28	88.45	87.93	89.87	88.96
Smokers (%)	3.64	2.13	2.07	3.41	2.18	2.5
Alcohol drinkers (%)	2.08	2.17	2.7	2.11	2.08	2.7
Tea drinker (%)	24.84	32.23	36.22	26.09	31.4	34.24
Ginseng use (%)	25.01	30.35	34.85	26.75	29.94	31.55
Ca supplement use (%)	15.41	20.33	25.09	17.49	19.75	21.43
Multivitamin use (%)	3.98	8.1	11.68	5.74	7.52	8.77
Physically active (%)	30.12	36.06	43.32	31.78	35.64	39.79
High school or up (%)	8.75	15.55	19.78	10.82	15.2	15.77
Age (years), mean (SD)	53.37 (9.45)	51.88 (8.79)	51.85 (8.54)	53.48 (9.55)	51.95 (8.74)	51.68 (8.45)
BMI (kg/m^2), mean (SD)	24.18 (3.53)	23.83 (3.36)	23.96 (3.28)	23.85 (3.46)	24.00 (3.38)	24.29 (3.40)
Daily nutrient intake adjusted for age and total energy, except for total energy						
Total energy*	1673.77 (0.00)	1673.77 (0.00)	1673.77 (0.00)	1673.77 (0.00)	1673.77 (0.00)	1673.77 (0.00)
Saturated fat	7.02 (0.02)	8.99 (0.02)	10.99 (0.03)	7.89 (0.02)	8.62 (0.02)	9.65 (0.03)
Fibre	9.55 (0.02)	11.15 (0.02)	13.51 (0.03)	8.26 (0.02)	11.17 (0.02)	15.26 (0.03)
Phosphorus	852.77 (0.63)	985.46 (0.66)	1162.48 (0.91)	843.66 (0.85)	975.56 (0.77)	1161.18 (1.16)
Calcium	310.97 (0.54)	493.36 (0.57)	726.90 (0.78)	335.37 (0.99)	476.36 (0.90)	668.24 (1.34)
Magnesium	246.51 (0.21)	279.27 (0.22)	329.68 (0.30)	231.88 (0.23)	278.50 (0.21)	347.30 (0.31)
Retinol	146.88 (0.95)	186.49 (1.00)	228.98 (1.37)	163.43 (1.14)	178.50 (1.03)	203.98 (1.55)
Vitamin E	10.72 (0.02)	13.68 (0.03)	18.63 (0.03)	9.87 (0.03)	13.61 (0.03)	19.39 (0.04)
Folate	254.15 (0.43)	295.56 (0.45)	356.16 (0.62)	227.05 (0.47)	296.25 (0.43)	391.14 (0.64)
Sodium	252.92 (0.52)	355.20 (0.55)	489.11 (0.75)	260.13 (0.73)	345.16 (0.67)	467.53 (1.00)
Potassium	1479.84 (2.17)	1826.56 (2.28)	2293.21 (3.14)	1360.48 (2.48)	1808.59 (2.25)	2440.75 (3.38)
Zinc	10.20 (0.01)	10.85 (0.01)	11.84 (0.01)	10.02 (0.01)	10.83 (0.01)	12.02 (0.01)
Shanghai Men's Health Study						
Married (%)	96.37	97.37	97.70	96.48	97.44	97.57
Smokers (%)	76.18	70.32	65.45	72.67	69.22	68.34
Alcohol drinkers (%)	35.66	33.56	32.74	37.01	32.52	32.88
Tea drinker (%)	64.96	66.92	68.45	64.3	67.47	68.3
Ginseng use (%)	26.27	30.99	36.7	29.24	31.99	34.14
Ca supplement use (%)	3.07	4.36	5.91	4.02	4.67	5.11
Multivitamin use (%)	3.92	6.92	10.04	6.00	7.58	8.32
Physically active (%)	28.03	33.68	41.16	31.45	34.69	38.28
High school or up (%)	14.39	22.37	29.02	19.14	23.91	25.07
Age (years), mean (SD)†	55.90 (10.27)	55.28 (9.73)	55.17 (9.43)	56.91 (10.58)	55.56 (9.70)	54.46 (9.20)
BMI (kg/m^2), mean (SD)†	23.47 (3.18)	23.67 (3.09)	23.90 (3.00)	23.25 (3.16)	23.64 (3.04)	24.02 (3.03)

Continued

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Table 1 Continued

	Calcium (mg/day)			Magnesium (mg/day)		
	<408	408–<600	≥600	<251	251–<320	≥320
Daily nutrient intake adjusted for age and total energy, except for total energy						
Total energy*	1906.89 (0.00)	1906.89 (0.00)	1906.89 (0.00)	1906.89 (0.00)	1906.89 (0.00)	1906.89 (0.00)
Saturated fat	8.16 (0.03)	9.74 (0.03)	11.85 (0.03)	9.59 (0.04)	9.92 (0.03)	10.88 (0.03)
Fibre	9.27 (0.03)	10.72 (0.02)	13.28 (0.02)	8.17 (0.03)	10.32 (0.02)	14.02 (0.02)
Phosphorus	956.75 (1.17)	1081.00 (0.93)	1271.73 (0.87)	953.79 (1.56)	1071.31 (1.08)	1270.89 (1.11)
Calcium	340.34 (1.12)	512.58 (0.89)	778.31 (0.83)	379.76 (1.83)	518.93 (1.27)	740.23 (1.30)
Magnesium	271.18 (0.37)	303.34 (0.30)	359.14 (0.28)	258.30 (0.45)	297.74 (0.31)	367.15 (0.32)
Retinol	120.06 (1.17)	154.78 (0.93)	198.50 (0.87)	142.50 (1.41)	156.14 (0.98)	183.74 (1.00)
Vitamin E	10.72 (0.04)	13.48 (0.03)	18.43 (0.03)	10.13 (0.05)	13.15 (0.03)	18.73 (0.04)
Folate	271.83 (0.75)	319.26 (0.60)	398.67 (0.56)	245.92 (0.87)	308.91 (0.61)	415.67 (0.62)
Sodium	250.29 (0.92)	345.02 (0.73)	489.36 (0.68)	271.89 (1.28)	345.24 (0.89)	470.94 (0.91)
Potassium	1464.92 (3.41)	1778.86 (2.70)	2289.70 (2.53)	1399.54 (4.28)	1739.67 (2.97)	2326.91 (3.04)
Zinc	11.54 (0.01)	12.23 (0.01)	13.40 (0.01)	11.38 (0.01)	12.13 (0.01)	13.50 (0.01)

*Adjusted for age only. †SD, standard deviation.
BMI, body mass index.

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Table 2 HRs and 95% Confidence Intervals (95% CIs) for total mortality, and mortality due to cardiovascular diseases and cancer by tertiles of calcium and magnesium among women in Shanghai

	Calcium intake (mg/day)					Magnesium intake (mg/day)				
	<408	408–<600	≥600	p for trend	p for interaction	<251	251–<320	≥320	p for trend	p for interaction
Person-years	349874.66	281646.47	175026.49			335378.89	271235.72	199933.00		
Total mortality										
Cases	2019	1155	632			1992	1108	706		
Model 1	1.00	1.04 (0.95 to 1.15)	1.06 (0.92 to 1.22)	0.39		1.00	1.04 (0.94 to 1.16)	1.09 (0.94 to 1.27)	0.27	
Model 2	1.00	1.05 (0.96 to 1.16)	1.08 (0.94 to 1.25)	0.25	0.54	1.00	1.04 (0.94 to 1.15)	1.09 (0.94 to 1.27)	0.27	0.07
Ratio≤1.7*	1.00	0.99 (0.86 to 1.13)	1.03 (0.78 to 1.36)	0.99		1.00	1.14 (1.00 to 1.30)	1.24 (1.02 to 1.51)	0.02	
Ratio>1.7*	1.00	1.03 (0.85 to 1.24)	1.06 (0.81 to 1.39)	0.68		1.00	0.90 (0.76 to 1.06)	0.88 (0.68 to 1.13)	0.31	
Mortality due to cardiovascular diseases										
Cases	649	321	177			625	311	211		
Model 1	1.00	1.03 (0.86 to 1.22)	1.08 (0.84 to 1.40)	0.57		1.00	1.11 (0.92 to 1.34)	1.35 (1.03 to 1.77)	0.04	
Model 2	1.00	1.03 (0.86 to 1.22)	1.08 (0.83 to 1.40)	0.57	0.18	1.00	1.11 (0.92 to 1.34)	1.35 (1.03 to 1.77)	0.04	0.09
Ratio≤1.7*	1.00	1.01 (0.79 to 1.30)	1.21 (0.74 to 1.99)	0.61		1.00	1.17 (0.93 to 1.48)	1.53 (1.08 to 2.16)	0.02	
Ratio>1.7*	1.00	0.95 (0.67 to 1.35)	1.07 (0.64 to 1.79)	0.69		1.00	1.01 (0.74 to 1.39)	1.14 (0.71 to 1.85)	0.60	
Mortality due to coronary heart disease										
Cases	284	148	79			290	129	92		
Model 1	1.00	1.01 (0.78 to 1.31)	1.01 (0.69 to 1.49)	0.94		1.00	0.96 (0.73 to 1.28)	1.19 (0.79 to 1.78)	0.46	
Model 2	1.00	1.02 (0.78 to 1.32)	1.04 (0.71 to 1.54)	0.84	0.21	1.00	0.96 (0.73 to 1.28)	1.19 (0.79 to 1.79)	0.46	0.02
Ratio≤1.7*	1.00	0.97 (0.67 to 1.42)	1.92 (1.00 to 3.70)	0.27		1.00	1.01 (0.70 to 1.46)	1.69 (1.02 to 2.80)	0.07	
Ratio>1.7*	1.00	0.86 (0.53 to 1.40)	0.85 (0.41 to 1.76)	0.68		1.00	0.92 (0.59 to 1.45)	0.86 (0.43 to 1.74)	0.68	
Mortality due to stroke										
Cases	365	173	98			335	182	119		
Model 1	1.00	1.04 (0.82 to 1.32)	1.13 (0.80 to 1.60)	0.50		1.00	1.25 (0.97 to 1.61)	1.50 (1.03 to 2.16)	0.03	
Model 2	1.00	1.03 (0.81 to 1.31)	1.11 (0.78 to 1.57)	0.59	0.49	1.00	1.25 (0.97 to 1.60)	1.50 (1.03 to 2.17)	0.03	0.81
Ratio≤1.7*	1.00	1.05 (0.76 to 1.44)	0.72 (0.33 to 1.58)	0.79		1.00	1.30 (0.95 to 1.77)	1.40 (0.87 to 2.23)	0.12	
Ratio>1.7*	1.00	1.07 (0.65 to 1.77)	1.35 (0.66 to 2.77)	0.34		1.00	1.14 (0.73 to 1.78)	1.46 (0.75 to 2.85)	0.26	
Mortality due to all cancers										
Cases	789	556	271			756	537	323		
Model 1	1.00	1.09 (0.95 to 1.26)	0.90 (0.72 to 1.12)	0.51		1.00	1.05 (0.90 to 1.23)	0.89 (0.70 to 1.14)	0.42	
Model 2	1.00	1.10 (0.95 to 1.27)	0.92 (0.74 to 1.15)	0.68	0.24	1.00	1.05 (0.90 to 1.23)	0.89 (0.70 to 1.14)	0.42	0.78
Ratio≤1.7*	1.00	1.03 (0.85 to 1.26)	0.82 (0.54 to 1.25)	0.73		1.00	1.19 (0.98 to 1.46)	1.13 (0.83 to 1.54)	0.35	
Ratio>1.7*	1.00	1.28 (0.93 to 1.77)	0.99 (0.64 to 1.55)	0.42		1.00	0.85 (0.66 to 1.10)	0.61 (0.41 to 0.92)	0.02	
Mortality due to lung cancer										
Cases	171	109	50			156	109	65		
Model 1	1.00	1.00 (0.73 to 1.37)	0.76 (0.47 to 1.24)	0.34		1.00	1.14 (0.80 to 1.61)	1.01 (0.59 to 1.71)	0.93	
Model 2	1.00	1.02 (0.74 to 1.40)	0.81 (0.50 to 1.32)	0.47	0.87	1.00	1.15 (0.81 to 1.62)	1.01 (0.60 to 1.72)	0.92	0.95
Ratio≤1.7*	1.00	1.13 (0.73 to 1.76)	1.78 (0.82 to 3.87)	0.22		1.00	1.45 (0.94 to 2.24)	1.65 (0.87 to 3.15)	0.11	
Ratio>1.7*	1.00	0.87 (0.42 to 1.81)	0.36 (0.13 to 1.02)	0.01		1.00	0.64 (0.36 to 1.13)	0.30 (0.11 to 0.77)	0.01	
Mortality due to colorectal cancer										
Cases	109	76	48			96	77	60		
Model 1	1.00	0.89 (0.60 to 1.30)	0.76 (0.43 to 1.34)	0.34		1.00	1.19 (0.78 to 1.82)	1.32 (0.70 to 2.51)	0.39	
Model 2	1.00	0.87 (0.60 to 1.28)	0.73 (0.41 to 1.29)	0.28	0.49	1.00	1.20 (0.79 to 1.84)	1.34 (0.70 to 2.54)	0.37	0.19
Ratio≤1.7*	1.00	1.11 (0.66 to 1.86)	0.63 (0.19 to 2.08)	0.84		1.00	1.92 (1.11 to 3.33)	2.20 (0.96 to 5.04)	0.05	
Ratio>1.7*	1.00	0.50 (0.23 to 1.10)	0.32 (0.11 to 0.94)	0.05		1.00	0.58 (0.30 to 1.13)	0.56 (0.20 to 1.53)	0.25	
Mortality due to gastric cancer										
Cases	108	68	32			114	58	36		
Model 1	1.00	1.15 (0.77 to 1.72)	1.05 (0.57 to 1.92)	0.80		1.00	0.83 (0.54 to 1.28)	0.77 (0.40 to 1.50)	0.42	
Model 2	1.00	1.17 (0.78 to 1.75)	1.09 (0.59 to 2.03)	0.69	0.23	1.00	0.83 (0.54 to 1.28)	0.77 (0.40 to 1.50)	0.42	0.33
Ratio≤1.7*	1.00	0.75 (0.42 to 1.35)	1.34 (0.47 to 3.77)	0.81		1.00	0.65 (0.37 to 1.16)	0.95 (0.42 to 2.15)	0.72	
Ratio>1.7*	1.00	3.41 (1.30 to 8.99)	3.92 (1.05 to 14.68)	0.10		1.00	1.10 (0.54 to 2.23)	0.63 (0.20 to 2.01)	0.49	

In Model 1, age at entry, sex, body mass index (BMI), education, marriage status, smoking status, tea drinking, use of ginseng, alcohol drinking, use of Ca supplement, use of multivitamin, regular physical activity and intakes of total energy, saturated fatty acid, phosphorus, fibre, retinol, vitamin E, folic acid, sodium, potassium and zinc were adjusted.
In Model 2, Ca and Mg were further adjusted to assess whether the association of Mg or Ca was independent of Ca or Mg, respectively.
*Model 2 was used.

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Table 3 HR and 95% Confidence Intervals (95% CIs) for total mortality, and mortality due to cardiovascular diseases by tertiles of calcium and magnesium among men in Shanghai

	Calcium intake (mg/day)					Magnesium intake (mg/day)				
	<408	408–<600	≥600	p for trend	p for interaction	<251	251–<320	≥320	p for trend	p for interaction
Person-years	77215.85	112600.73	147167.01			74633.02	109118.9	153231.68		
Total mortality										
Cases	820	798	800			904	715	799		
Model 1	1.00	0.88 (0.77 to 1.01)	0.79 (0.66 to 0.95)	0.01		1.00	0.80 (0.70 to 0.93)	0.87 (0.70 to 1.07)	0.23	
Model 2	1.00	0.90 (0.78 to 1.02)	0.82 (0.68 to 0.99)	0.04	0.01	1.00	0.81 (0.70 to 0.93)	0.87 (0.71 to 1.07)	0.23	0.19
Ratio≤1.7*	1.00	0.97 (0.79 to 1.18)	0.95 (0.66 to 1.36)	0.73		1.00	0.98 (0.79 to 1.21)	1.23 (0.90 to 1.69)	0.19	
Ratio>1.7*	1.00	0.70 (0.56 to 0.89)	0.59 (0.44 to 0.80)	0.00		1.00	0.69 (0.57 to 0.84)	0.66 (0.50 to 0.88)	0.01	
Mortality due to cardiovascular diseases										
Cases	305	273	222			323	246	231		
Model 1	1.00	0.91 (0.72 to 1.14)	0.72 (0.52 to 0.99)	0.04		1.00	0.87 (0.68 to 1.11)	0.83 (0.58 to1.20)	0.33	
Model 2	1.00	0.93 (0.74 to 1.16)	0.75 (0.54 to 1.04)	0.08	0.03	1.00	0.88 (0.68 to 1.12)	0.84 (0.58 to 1.21)	0.35	0.07
Ratio≤1.7*	1.00	1.01 (0.73 to 1.40)	0.92 (0.49 to 1.70)	0.90		1.00	1.17 (0.83 to 1.66)	1.02 (0.60 to1.73)	0.91	
Ratio>1.7*	1.00	0.91 (0.59 to 1.40)	0.73 (0.42 to 1.29)	0.19		1.00	0.66 (0.47 to 0.94)	0.66 (0.39 to 1.11)	0.12	
Mortality due to coronary heart disease										
Cases	137	143	115			155	118	122		
Model 1	1.00	0.91 (0.66 to 1.26)	0.63 (0.40 to 1.00)	0.05		1.00	0.69 (0.49 to 0.98)	0.64 (0.38 to 1.08)	0.10	
Model 2	1.00	0.93 (0.67 to 1.29)	0.66 (0.42 to 1.06)	0.08	0.09	1.00	0.70 (0.49 to 0.99)	0.65 (0.38 to 1.09)	0.11	0.54
Ratio≤1.7*	1.00	1.16 (0.72 to 1.86)	1.64 (0.73 to 3.70)	0.28		1.00	1.01 (0.61 to 1.68)	0.91 (0.42 to 1.96)	0.81	
Ratio>1.7*	1.00	0.88 (0.47 to 1.65)	0.48 (0.21 to 1.09)	0.02		1.00	0.48 (0.30 to 0.78)	0.43 (0.21 to 0.88)	0.02	
Mortality due to stroke										
Cases	168	130	107			168	128	109		
Model 1	1.00	0.91 (0.66 to 1.24)	0.81 (0.52 to 1.26)	0.35		1.00	1.08 (0.77 to 1.53)	1.06 (0.63 to1.76)	0.84	
Model 2	1.00	0.92 (0.67 to 1.27)	0.85 (0.54 to 1.33)	0.47	0.19	1.00	1.09 (0.77 to 1.54)	1.06 (0.63 to 1.77)	0.83	0.06
Ratio≤1.7*	1.00	0.90 (0.58 to 1.41)	0.42 (0.15 to 1.19)	0.21		1.00	1.32 (0.82 to 2.12)	1.08 (0.52 to 2.24)	0.78	
Ratio>1.7*	1.00	0.99 (0.54 to 1.80)	1.20 (0.54 to 2.65)	0.52		1.00	0.93 (0.56 to 1.54)	1.02 (0.48 to 2.16)	0.94	
Mortality due to all cancers										
Cases	320	337	394			335	316	400		
Model 1	1.00	0.86 (0.70 to 1.05)	0.79 (0.60 to 1.04)	0.10		1.00	0.84 (0.68 to 1.04)	0.93 (0.68 to 1.28)	0.74	
Model 2	1.00	0.87 (0.71 to 1.06)	0.81 (0.61 to 1.07)	0.14	0.23	1.00	0.84 (0.68 to 1.05)	0.93 (0.68 to 1.29)	0.75	0.97
Ratio≤1.7	1.00	0.88 (0.65 to 1.20)	0.73 (0.42 to 1.27)	0.26		1.00	0.93 (0.66 to 1.30)	1.31 (0.80 to 2.13)	0.26	
Ratio>1.7	1.00	0.68 (0.47 to 0.98)	0.59 (0.37 to 0.93)	0.05		1.00	0.80 (0.60 to 1.06)	0.74 (0.49 to 1.14)	0.19	

In Model 1, age at entry, sex, body mass index (BMI), education, marriage status, smoking status, tea drinking, use of ginseng, alcohol drinking, use of Ca supplement, use of multivitamin, regular physical activity and intakes of total energy, saturated fatty acid, phosphorus, fibre, retinol, vitamin E, folic acid, sodium, potassium and zinc were adjusted.
In Model 2, Ca and Mg were further adjusted to assess whether the association of Mg or Ca was independent of Ca or Mg, respectively.
*Model 2 was used.

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Table 4 HR and 95% Confidence Intervals (95% CIs) for total mortality, and mortality due to cardiovascular diseases by calcium and magnesium intake among men in Shanghai

	Calcium intake (mg/day)						Magnesium intake (mg/day)					
	<408	408–<600	600–<800	≥800	p for trend	p for interaction	<251	251–<320	320–<420	≥420	p for trend	p for interaction
Person-years	77215.85	112600.73	90733.06	56433.95			74633.02	109118.90	108337.41	44894.27		
Total mortality												
Cases	820	798	486	314			904	715	564	235		
Model 1	1.00	0.93 (0.81 to 1.06)	0.79 (0.66 to 0.95)	1.03 (0.80 to 1.31)	0.50		1.00	0.89 (0.77 to 1.04)	0.96 (0.77 to 1.19)	1.40 (1.02 to 1.93)	0.13	
Model 2	1.00	0.95 (0.83 to 1.09)	0.83 (0.69 to 1.00)	1.12 (0.87 to 1.44)	0.97	0.01	1.00	0.89 (0.77 to 1.04)	0.96 (0.78 to 1.20)	1.41 (1.02 to 1.93)	0.13	0.19
Ratio≤1.7*	1.00	0.96 (0.79 to 1.17)	0.98 (0.68 to 1.40)	0.70 (0.29 to 1.68)	0.63		1.00	0.99 (0.79 to 1.23)	1.24 (0.90 to 1.70)	1.30 (0.79 to 2.13)	0.14	
Ratio>1.7*	1.00	0.80 (0.63 to 1.02)	0.69 (0.50 to 0.95)	0.97 (0.64 to 1.48)	0.87		1.00	0.84 (0.68 to 1.03)	0.83 (0.61 to 1.13)	1.39 (0.89 to 2.17)	0.48	
Mortality due to cardiovascular diseases												
Cases	305	273	135	87			323	246	168	63		
Model 1	1.00	0.94 (0.75 to 1.19)	0.70 (0.51 to 0.97)	0.91 (0.59 to 1.40)	0.21		1.00	0.93 (0.72 to 1.20)	0.88 (0.61 to 1.28)	1.20 (0.69 to 2.08)	0.95	
Model 2	1.00	0.97 (0.77 to 1.23)	0.74 (0.53 to 1.03)	1.01 (0.65 to 1.57)	0.42	0.03	1.00	0.94 (0.72 to 1.21)	0.88 (0.61 to 1.28)	1.19 (0.69 to 2.07)	0.94	0.07
Ratio≤1.7*	1.00	1.01 (0.73 to 1.40)	0.93 (0.50 to 1.74)	0.80 (0.18 to 3.57)	0.86		1.00	1.19 (0.84 to 1.70)	1.02 (0.60 to 1.74)	1.18 (0.51 to 2.74)	0.89	
Ratio>1.7*	1.00	1.05 (0.67 to 1.65)	0.86 (0.48 to 1.56)	1.31 (0.61 to 2.82)	0.70		1.00	0.74 (0.51 to 1.08)	0.75 (0.43 to 1.31)	1.05 (0.46 to 2.39)	0.89	
Mortality due to coronary heart disease												
Cases	137	143	70	45			155	118	81	41		
Model 1	1.00	0.94 (0.68 to 1.31)	0.63 (0.39 to 1.00)	0.75 (0.41 to 1.39)	0.12		1.00	0.79 (0.54 to 1.14)	0.72 (0.42 to 1.23)	1.18 (0.54 to 2.56)	0.88	
Model 2	1.00	0.97 (0.70 to 1.35)	0.66 (0.41 to 1.06)	0.83 (0.44 to 1.56)	0.22	0.09	1.00	0.80 (0.55 to 1.15)	0.73 (0.42 to 1.24)	1.18 (0.55 to 2.56)	0.89	0.54
Ratio≤1.7*	1.00	1.15 (0.72 to 1.85)	1.69 (0.75 to 3.81)	1.02 (0.12 to 8.52)	0.33		1.00	1.05 (0.62 to 1.77)	0.92 (0.43 to 2.00)	1.20 (0.37 to 3.92)	0.99	
Ratio>1.7*	1.00	0.94 (0.49 to 1.82)	0.52 (0.22 to 1.20)	0.63 (0.21 to 1.86)	0.14		1.00	0.59 (0.35 to 1.00)	0.55 (0.25 to 1.20)	0.96 (0.31 to 2.95)	0.67	
Mortality due to stroke												
Cases	168	130	65	42			168	128	87	22		
Model 1	1.00	0.95 (0.69 to 1.31)	0.79 (0.50 to 1.24)	1.08 (0.59 to 1.98)	0.80		1.00	1.09 (0.76 to 1.56)	1.06 (0.63 to 1.78)	1.08 (0.48 to 2.41)	0.89	
Model 2	1.00	0.97 (0.70 to 1.35)	0.83 (0.52 to 1.31)	1.19 (0.64 to 2.21)	0.97	0.19	1.00	1.09 (0.76 to 1.57)	1.06 (0.63 to 1.78)	1.07 (0.48 to 2.40)	0.89	0.06
Ratio≤1.7*	1.00	0.91 (0.58 to 1.41)	0.39 (0.13 to 1.20)	0.65 (0.08 to 5.30)	0.22		1.00	1.31 (0.81 to 2.13)	1.08 (0.52 to 2.24)	1.04 (0.30 to 3.57)	0.92	
Ratio>1.7*	1.00	1.25 (0.66 to 2.34)	1.57 (0.68 to 3.63)	2.97 (1.00 to 8.87)	0.04		1.00	0.93 (0.54 to 1.60)	1.02 (0.46 to 2.25)	1.02 (0.31 to 3.40)	0.90	
Mortality due to all cancers												
Cases	320	337	236	158			335	316	273	127		
Model 1	1.00	0.90 (0.73 to 1.10)	0.80 (0.60 to 1.05)	0.95 (0.66 to 1.38)	0.55		1.00	0.97 (0.77 to 1.23)	1.10 (0.78 to 1.54)	1.68 (1.03 to 2.74)	0.07	
Model 2	1.00	0.91 (0.74 to 1.12)	0.82 (0.62 to 1.08)	1.00 (0.68 to 1.46)	0.72	0.23	1.00	0.97 (0.77 to 1.23)	1.10 (0.78 to 1.54)	1.68 (1.03 to 2.74)	0.06	0.97
Ratio≤1.7*	1.00	0.88 (0.65 to 1.19)	0.75 (0.43 to 1.31)	0.51 (0.15 to 1.79)	0.21		1.00	0.93 (0.65 to 1.32)	1.31 (0.80 to 2.15)	1.33 (0.62 to 2.84)	0.22	
Ratio>1.7*	1.00	0.73 (0.50 to 1.08)	0.65 (0.40 to 1.04)	0.78 (0.42 to 1.46)	0.74		1.00	1.03 (0.74 to 1.42)	1.04 (0.65 to 1.66)	1.91 (0.97 to 3.76)	0.18	

In Model 1, age at entry, sex, body mass index (BMI), education, marriage status, smoking status, tea drinking, use of ginseng, alcohol drinking, use of Ca supplement, use of multivitamin, regular physical activity and intakes of total energy, saturated fatty acid, phosphorus, fibre, retinol, vitamin E, folic acid, sodium, potassium and zinc were adjusted.
In Model 2, Ca and Mg were further adjusted to assess whether the association of Mg or Ca was independent of Ca or Mg, respectively.
*Model 2 was used.

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Table 5 HR* and 95% Confidence Intervals (95% CIs) for total mortality by tertiles of calcium and magnesium intake among women and men stratified by the median intake of magnesium and calcium, respectively

	Calcium intake (mg/day)				
	<480	480–<600	≥600	p for trend	p for interaction
SWHS					
All individuals	1.00	1.05 (0.96 to 1.16)	1.08 (0.94 to 1.25)	0.25	0.42
Mg≤284.3†	1.00	1.06 (0.95 to 1.19)	1.19 (0.93 to1.52)	0.15	
Mg>284.3†	1.00	0.84 (0.69 to 1.03)	0.82 (0.64 to 1.05)	0.19	
SMHS					
All individuals	1.00	0.90 (0.78 to 1.02)	0.82 (0.68 to 0.99)	0.04	0.11
†Mg≤284.3	1.00	0.97 (0.82 to 1.14)	0.91 (0.68 to 1.22)	0.54	
Mg>284.3†	1.00	0.88 (0.67 to 1.16)	0.75 (0.54 to 1.03)	0.03	
	Magnesium intake (mg/day)				
	<251	251–<320	≥320	p for trend	p for interaction
SWHS					
All individuals	1.00	1.04 (0.94 to 1.15)	1.09 (0.94 to 1.27)	0.27	0.42
Ca≤491‡	1.00	1.12 (0.99 to 1.26)	1.31 (1.05 to 1.64)	0.01	
Ca>491‡	1.00	0.79 (0.64 to 0.98)	0.70 (0.52 to 0.95)	0.03	
SMHS					
All individuals	1.00	0.81 (0.70 to 0.93)	0.87 (0.71 to 1.07)	0.23	0.11
Ca≤491‡	1.00	1.00 (0.82 to 1.21)	1.59 (1.15 to 2.20)	0.06	
Ca>491‡	1.00	0.70 (0.55 to 0.88)	0.57 (0.42 to 0.79)	0.00	

*Model 2 was used. Age at entry, sex, body mass index (BMI), education, marriage status, smoking status, tea drinking, use of ginseng, alcohol drinking, use of Ca supplement, use of multivitamin, regular physical activity and intakes of total energy, saturated fatty acid, phosphorus, fibre, retinol, vitamin E, folic acid, sodium, potassium and zinc were adjusted. Ca and Mg were further adjusted to assess whether the association of Mg or Ca was independent of Ca or Mg, respectively.
†Mg, magnesium intake.
‡Ca, calcium intake.

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