

**SUPPLEMENTAL MATERIAL**

**Dietary Minerals and Incident Cardiovascular Outcomes  
among Never-Smokers in a Danish Case–Cohort Study**

**Table S1.** Spearman correlation coefficient matrix for correlations between dietary and creatinine-adjusted urinary measures of minerals<sup>a</sup>

	Dietary K	Dietary Mg	Dietary Ca	Urinary K	Urinary Mg	Urinary Ca
<b>Heart Failure</b>						
Dietary K	1.000					
Dietary Mg	0.93	1.000				
Dietary Ca	0.71	0.71	1.000			
Urinary K	0.01	-0.02	-0.04	1.000		
Urinary Mg	-0.01	-0.02	-0.03	0.44	1.000	
Urinary Ca	-0.03	-0.05	-0.03	0.32	0.57	1.000
<b>AMI</b>						
Dietary K	1.000					
Dietary Mg	0.91	1.000				
Dietary Ca	0.68	0.68	1.000			
Urinary K	0.07	0.04	0.09	1.000		
Urinary Mg	-0.03	-0.03	0.05	0.33	1.000	
Urinary Ca	-0.02	-0.02	0.07	0.29	0.63	1.000
<b>Stroke</b>						
Dietary K	1.000					
Dietary Mg	0.93	1.000				
Dietary Ca	0.71	0.71	1.000			
Urinary K	0.04	0.01	-0.01	1.000		
Urinary Mg	0.001	-0.002	-0.03	0.45	1.000	
Urinary Ca	-0.02	-0.03	-0.02	0.32	0.61	1.000

<sup>a</sup>K=potassium; Mg = magnesium; Ca = calcium;

**Table S2. Including Dietary Supplements:** Adjusted hazard ratio (HR) for CVD outcomes per quartile of combined total intake (CTI) score (dietary intake and supplement intake dose) and per total individual intake level<sup>a</sup>

	aHR (95% CI)			
	Heart Failure (n=1969)	AMI (n=1855)	Stroke (n=1594)	Composite AMI-Stroke Outcome (n=2276)
<b>Combined total intake score (CTI) (points)</b>				
Quartile 1	ref	ref	ref	ref
Quartile 2	0.86 (0.65, 1.13)	0.89 (0.68, 1.17)	0.88 (0.63, 1.22)	0.85 (0.68, 1.07)
Quartile 3	0.64 (0.47, 0.88)	0.84 (0.64, 1.11)	0.74 (0.52, 1.04)	0.80 (0.63, 1.01)
Quartile 4	0.75 (0.53, 1.05)	0.95 (0.72, 1.25)	0.83 (0.60, 1.16)	0.90 (0.71, 1.13)
<b>Ca<sup>a</sup> (mg/d)</b>				
Quartile 1	ref	ref	ref	ref
Quartile 2	0.96 (0.73, 1.25)	0.85 (0.65, 1.12)	1.06 (0.77, 1.44)	0.95 (0.76, 1.20)
Quartile 3	0.93 (0.71, 1.23)	0.86 (0.66, 1.13)	0.85 (0.62, 1.18)	0.90 (0.71, 1.13)
Quartile 4	1.02 (0.78, 1.34)	0.88 (0.67, 1.16)	0.84 (0.60, 1.16)	0.91 (0.72, 1.14)
<b>Mg<sup>a</sup> (mg/d)</b>				
Quartile 1	ref	ref	ref	ref
Quartile 2	1.01 (0.77, 1.33)	0.98 (0.75, 1.29)	0.85 (0.62, 1.17)	0.94 (0.75, 1.18)
Quartile 3	0.87 (0.66, 1.15)	0.87 (0.66, 1.15)	0.79 (0.57, 1.10)	0.90 (0.71, 1.15)
Quartile 4	1.03 (0.78, 1.36)	0.96 (0.73, 1.26)	0.78 (0.56, 1.09)	0.92 (0.73, 1.17)
<b>K<sup>a</sup> (mg/d)</b>				
Quartile 1	ref	ref	ref	ref
Quartile 2	0.78 (0.66, 1.15)	0.89 (0.68, 1.17)	0.75 (0.55, 1.03)	0.92 (0.73, 1.15)
Quartile 3	0.93 (0.70, 1.22)	0.83 (0.63, 1.09)	0.66 (0.47, 0.91)	0.88 (0.70, 1.10)
Quartile 4	1.06 (0.80, 1.41)	1.01 (0.77, 1.33)	0.86 (0.62, 1.19)	0.99 (0.78, 1.26)

Note: Models adjusted for gender, education level, passive smoking, lifestyle factor index.

<sup>a</sup>Total individual intake (mg/d): summing dietary intake mg/d and supplemental intake (mg/d) for each mineral

**Table S3A:** Adjusted hazard ratio (aHR) for CVD outcomes per quartile of the combined dietary score and per quartile of creatinine adjusted urinary mineral concentrations (sex-stratified)

WOMEN				MEN		
aHR (95% CI)				aHR (95% CI)		
Heart Failure (n=982)	AMI (n=857)	Stroke (n=790)		Heart Failure (n=987)	AMI (n=998)	Stroke (n=804)
<b>Combined dietary intake score (points)<sup>a</sup></b>						
Quartile 1	ref	ref		ref	ref	ref
Quartile 2	0.73 (0.50, 1.07)	0.96 (0.66, 1.40)	0.82 (0.54, 1.25)	0.93 (0.60, 1.46)	0.76 (0.50, 1.15)	0.79 (0.48, 1.32)
Quartile 3	0.72 (0.48, 1.06)	0.68 (0.46, 1.00)	0.60 (0.39, 0.94)	0.85 (0.54, 1.34)	0.82 (0.54, 1.24)	0.66 (0.39, 1.09)
Quartile 4	0.94 (0.64, 1.39)	0.95 (0.62, 1.45)	0.72 (0.45, 1.16)	0.91 (0.59, 1.41)	0.85 (0.57, 1.27)	0.90 (0.56, 1.46)
<b>Urinary Measures<sup>b</sup></b>						
<b>Ca (µg/ml)</b>						
Quartile 1	ref	ref	ref	ref	ref	ref
Quartile 2	0.85 (0.58, 1.24)	1.07 (0.72, 1.60)	0.90 (0.58, 1.39)	0.90 (0.59, 1.38)	0.74 (0.51, 1.07)	0.82 (0.52, 1.28)
Quartile 3	0.70 (0.67, 1.05)	0.65 (0.43, 0.97)	0.53 (0.34, 0.84)	0.75 (0.48, 1.16)	0.75 (0.52, 1.08)	0.69 (0.44, 1.10)
Quartile 4	0.80 (0.51, 1.26)	0.79 (0.53, 1.20)	0.75 (0.48, 1.18)	0.64 (0.40, 1.00)	0.80 (0.55, 2.25)	0.70 (0.44, 1.10)
<b>Mg (µg/ml)</b>						
Quartile 1	ref	ref	ref	ref	ref	ref
Quartile 2	0.84 (0.57, 1.21)	1.07 (0.72, 1.60)	0.73 (0.44, 1.22)	0.74 (0.48, 1.14)	0.76 (0.53, 1.09)	1.12 (0.72, 1.75)
Quartile 3	0.90 (0.59, 1.36)	0.70 (0.46, 1.05)	0.86 (0.54, 1.37)	0.60 (0.38, 0.97)	0.83 (0.58, 1.20)	0.69 (0.44, 1.10)
Quartile 4	0.87 (0.55, 1.36)	0.78 (0.52, 1.17)	0.62 (0.39, 0.97)	0.71 (0.43, 1.18)	1.07 (0.75, 1.54)	0.97 (0.62, 1.53)
<b>K (µg/ml )</b>						
Quartile 1	ref	ref	ref	ref	ref	ref
Quartile 2	1.08 (0.74, 1.57)	0.77 (0.51, 1.15)	1.06 (0.68, 1.66)	1.11 (0.71, 1.75)	0.73 (0.51, 1.05)	0.94 (0.60, 1.49)
Quartile 3	1.34 (0.87, 2.08)	0.73 (0.48, 1.09)	0.92 (0.58, 1.45)	0.92 (0.57, 1.50)	1.07 (0.75, 1.53)	1.01 (0.64, 1.60)
Quartile 4	0.98 (0.60, 1.61)	0.86 (0.58, 1.28)	0.74 (0.60, 1.48)	1.20 (0.70, 2.04)	1.04 (0.73, 1.50)	0.93 (0.59, 1.48)

<sup>a</sup>Models adjusted for sex, education level, passive smoking, lifestyle factor index

<sup>b</sup> Models adjusted for sex, education level, energy intake, passive smoking, lifestyle factor, creatinine

**Table S3B:** Adjusted hazard ratio (aHR) for composite AMI-Stroke outcome per quartile of the combined dietary score and per quartile of creatinine adjusted urinary mineral concentrations (sex-stratified)

	<b>WOMEN</b> (n=1076)	<b>MEN</b> (n=1200)
	aHR (95% CI)	
	Combined AMI-Stroke Outcome	
<b>Combined dietary intake score (points)<sup>a</sup></b>		
Quartile 1	ref	ref
Quartile 2	0.93 (0.68, 1.30)	0.73 (0.53, 1.03)
Quartile 3	0.79 (0.57, 1.09)	0.79 (0.57, 1.11)
Quartile 4	0.84 (0.61, 1.17)	0.83 (0.60, 1.15)
<b>Urinary Measures<sup>b</sup></b>		
<b>Ca (µg/ml)</b>		
Quartile 1	ref	ref
Quartile 2	1.03 (0.71, 1.48)	0.86 (0.645, 1.14)
Quartile 3	0.74 (0.52, 1.05)	0.95 (0.71, 1.28)
Quartile 4	0.80 (0.58, 1.10)	0.90 (0.64, 1.26)
<b>Mg (µg/ml)</b>		
Quartile 1	ref	ref
Quartile 2	0.93 (0.64, 1.36)	0.86 (0.66, 1.15)
Quartile 3	0.85 (0.60, 1.20)	0.93 (0.70, 1.26)
Quartile 4	0.74 (0.53, 1.04)	1.06 (0.76, 1.50)
<b>K (µg/ml)</b>		
Quartile 1	ref	ref
Quartile 2	0.73 (0.50, 1.07)	1.12 (0.85, 1.48)
Quartile 3	0.78 (0.55, 1.12)	1.11 (0.83, 1.50)
Quartile 4	0.83 (0.59, 1.16)	1.08 (0.76, 1.53)

<sup>a</sup>Models adjusted for sex, education level, passive smoking, lifestyle factor index

<sup>b</sup>Models adjusted for sex, education level, energy intake, passive smoking, lifestyle factor index, creatinine

**Table S4:** Adjusted hazard ratio (HR) for CVD outcomes per quartile of urinary mineral concentrations, creatinine-standardized and creatinine adjusted models

Urinary Minerals	Creatinine standardized model <sup>a</sup> (mg/g creatinine)	Creatinine adjusted model <sup>b</sup> (µg/ml)
<b>Stroke</b>		
<b>Ca</b>		
Quartile 1	ref	ref
Quartile 2	0.82 (0.60, 1.12)	1.08 (0.75, 1.55)
Quartile 3	0.70 (0.51, 0.96)	0.75 (0.51, 1.12)
Quartile 4	0.62 (0.45, 0.87)	0.73 (0.48, 1.10)
<b>Mg</b>		
Quartile 1	ref	ref
Quartile 2	0.82 (0.60, 1.12)	0.92 (0.64, 1.33)
Quartile 3	0.98 (0.71, 1.34)	0.66 (0.44, 0.97)
Quartile 4	0.74 (0.53, 1.04)	0.94 (0.62, 1.43)
<b>K</b>		
Quartile 1	ref	ref
Quartile 2	1.03 (0.75, 1.42)	1.00 (0.69, 1.45)
Quartile 3	1.03 (0.74, 1.42)	1.06 (0.69, 1.62)
Quartile 4	0.95 (0.68, 1.32)	1.07 (0.67, 1.72)
<b>AMI</b>		
<b>Ca</b>		
Quartile 1	ref	ref
Quartile 2	0.78 (0.60, 1.02)	0.81 (0.61, 1.07)
Quartile 3	0.79 (0.60, 1.04)	0.85 (0.63, 1.14)
Quartile 4	0.81 (0.62, 1.07)	0.80 (0.58, 1.09)
<b>Mg</b>		
Quartile 1	ref	ref
Quartile 2	0.88 (0.67, 1.15)	1.09 (0.82, 1.44)
Quartile 3	0.90 (0.68, 1.18)	0.89 (0.65, 1.22)
Quartile 4	0.92 (0.69, 1.22)	0.99 (0.71, 1.39)
<b>K</b>		
Quartile 1	ref	ref
Quartile 2	0.96 (0.73, 1.25)	1.11 (0.84, 1.47)
Quartile 3	0.99 (0.75, 1.29)	1.10 (0.80, 1.51)
Quartile 4	1.01 (0.76, 1.34)	0.98 (0.69, 1.40)
<b>Heart Failure</b>		
<b>Ca</b>		
Quartile 1	ref	ref
Quartile 2	0.82 (0.62, 1.07)	0.89 (0.67, 1.18)
Quartile 3	0.67 (0.51, 0.88)	0.74 (0.55, 0.99)
Quartile 4	0.68 (0.51, 0.89)	0.71 (0.52, 0.96)
<b>Mg</b>		
Quartile 1	ref	ref
Quartile 2	0.86 (0.66, 1.13)	0.82 (0.62, 1.08)
Quartile 3	0.93 (0.71, 1.22)	0.77 (0.56, 1.04)
Quartile 4	0.91 (0.69, 1.21)	0.81 (0.58, 1.13)
<b>K</b>		
Quartile 1	ref	ref
Quartile 2	0.91 (0.69, 1.19)	1.11 (0.84, 1.47)
Quartile 3	1.02 (0.78, 1.34)	1.09 (0.79, 1.50)
Quartile 4	0.90 (0.67, 1.19)	1.09 (0.77, 1.56)

Composite AMI-Stroke		
<b>Ca</b>		
Quartile 1	ref	ref
Quartile 2	0.92 (0.74, 1.13)	0.95 (0.76, 1.20)
Quartile 3	0.86 (0.70, 1.07)	0.94 (0.75, 1.18)
Quartile 4	0.85 (0.69, 1.06)	0.87 (0.69, 1.10)
<b>Mg</b>		
Quartile 1	ref	ref
Quartile 2	0.89 (0.71, 1.11)	1.05 (0.83, 1.32)
Quartile 3	0.91 (0.72, 1.14)	0.94 (0.74, 1.18)
Quartile 4	0.87 (0.69, 1.11)	1.05 (0.83, 1.32)
<b>K</b>		
Quartile 1	ref	ref
Quartile 2	0.98 (0.79, 1.21)	1.06 (0.85, 1.33)
Quartile 3	0.99 (0.79, 1.22)	1.05 (0.81, 1.35)
Quartile 4	1.00 (0.80, 1.25)	1.04 (0.78, 1.38)

<sup>a</sup> Adjusting for gender, education level, energy intake, passive smoking, lifestyle factor index

<sup>b</sup> Adjusting for gender, education level, energy intake, passive smoking, lifestyle factor index, creatinine

**Table S5:** Adjusted hazard ratio (HR) for CVD outcomes per quartile of dietary intake concentrations, with restrictions

Combined dietary intake score (CDI) (points)	Total <sup>a</sup>	Restriction: Cotinine Levels (90th percentile: <56.20 ug/L) <sup>a</sup> N= 1723	Restriction: Women, post menopause only <sup>b</sup> N=618	Restriction: Participants without hypercholesterolemia, diabetes, hypertension dx at baseline <sup>a</sup> n=1385
<b>Heart Failure</b>				
Quartile 1	ref	ref	ref	ref
Quartile 2	1.02 (0.77, 1.34)	0.98 (0.73, 1.32)	0.97 (0.61, 1.52)	0.91 (0.65, 1.27)
Quartile 3	0.89 (0.67, 1.17)	0.82 (0.61, 1.10)	0.88 (0.55, 1.40)	0.83 (0.59, 1.16)
Quartile 4	1.07 (0.81, 1.41)	1.10 (0.81, 1.48)	0.92 (0.56, 1.51)	0.97 (0.69, 1.36)
<b>AMI</b>				
	Total <sup>a</sup>	Restriction: Cotinine Levels (90th percentile: <59.38 ug/L) <sup>a</sup> N= 1540	Restriction: Women, post menopause only <sup>b</sup> N=726	Restriction: Participants without hypercholesterolemia, diabetes, hypertension dx at baseline <sup>a</sup> N=1354
Quartile 1	ref	ref	ref	ref
Quartile 2	0.85 (0.65, 1.12)	0.83 (0.62, 1.13)	1.09 (0.71, 1.67)	0.89 (0.64, 1.25)
Quartile 3	0.79 (0.60, 1.04)	0.76 (0.56, 1.03)	0.66 (0.42, 1.02)	0.81 (0.58, 1.14)
Quartile 4	0.91 (0.69, 1.21)	0.96 (0.70, 1.31)	0.94 (0.61, 1.45)	1.00 (0.72, 1.42)
<b>Stroke</b>				
	Total <sup>a</sup>	Restriction: Cotinine Levels (90th percentile: <58.90 ug/L) <sup>a</sup> N= 1434	Restriction: Women, post menopause only <sup>b</sup> N=468	Restriction: Participants without hypercholesterolemia, diabetes, hypertension dx at baseline <sup>a</sup> n=1175
Quartile 1	ref	ref	ref	ref
Quartile 2	0.78 (0.56, 1.09)	0.79 (0.56, 1.11)	0.65 (0.38, 1.12)	0.85 (0.57, 1.25)
Quartile 3	0.63 (0.44, 0.88)	0.61 (0.43, 0.87)	0.65 (0.37, 1.13)	0.64 (0.42, 0.96)
Quartile 4	0.83 (0.60, 1.16)	0.89 (0.63, 1.25)	0.47 (0.24, 0.88)	0.89 (0.60, 1.32)
<b>Composite AMI-Stroke</b>				
	Total <sup>a</sup>	Restriction: Cotinine Levels (90th percentile: <62.50 ug/L) <sup>a</sup> N= 1980	Restriction: Women, post menopause only <sup>b</sup> N=924	Restriction: Participants without hypercholesterolemia, diabetes, hypertension dx at baseline <sup>a</sup> n=1614
Quartile 1	ref	ref	ref	ref
Quartile 2	0.85 (0.68, 1.07)	0.90 (0.71, 1.13)	1.12 (0.79, 1.60)	0.89 (0.69, 1.16)
Quartile 3	0.80 (0.63, 1.01)	0.93 (0.74, 1.17)	0.89 (0.62, 1.26)	0.92 (0.70, 1.18)
Quartile 4	0.90 (0.71, 1.13)	0.99 (0.79, 1.25)	0.95 (0.66, 1.36)	1.06 (0.82, 1.37)

<sup>a</sup>Models adjusted for sex, education level, passive smoking, lifestyle factor index; <sup>b</sup>Models adjusted for education level, passive smoking, lifestyle factor index



**Table S6.** Adjusted hazard ratio (HR) for CVD outcomes per quartile of combined dietary score, by covariate models

Combined dietary intake score (points)	Unadjusted Model	Main Model <sup>a</sup>	Model without LFI <sup>b</sup>	Model with LFI components <sup>c</sup>	Model with whole grain <sup>d</sup>	Model with supplement use <sup>e</sup>	Model with whole grain and supplement use <sup>f</sup>
<b>Heart Failure</b>							
Quartile 1	ref	ref	ref	ref	ref	ref	ref
Quartile 2	1.02 (0.77, 1.34)	1.01 (0.77, 1.33)	1.00 (0.77, 1.32)	1.08 (0.82, 1.42)	1.01 (0.77, 1.32)	1.07 (0.81, 1.42)	1.02 (0.77, 1.34)
Quartile 3	0.89 (0.67, 1.17)	0.82 (0.63, 1.08)	0.82 (0.63, 1.08)	0.91 (0.69, 1.21)	0.85 (0.65, 1.11)	0.93 (0.70, 1.24)	0.89 (0.67, 1.17)
Quartile 4	1.07 (0.81, 1.41)	1.03 (0.78, 1.35)	1.02 (0.78, 1.35)	1.25 (0.91, 1.71)	1.06 (0.80, 1.40)	1.27 (0.93, 1.75)	1.07 (0.81, 1.41)
<b>AMI</b>							
Quartile 1	ref	ref	ref	ref	ref	ref	ref
Quartile 2	0.95 (0.73, 1.24)	0.85 (0.65, 1.12)	0.85 (0.64, 1.12)	0.83 (0.62, 1.12)	0.89 (0.67, 1.18)	0.86 (0.65, 1.14)	0.90 (0.68, 1.19)
Quartile 3	0.84 (0.65, 1.09)	0.79 (0.60, 1.04)	0.76 (0.58, 1.01)	0.77 (0.55, 1.07)	0.85 (0.64, 1.14)	0.81 (0.62, 1.08)	0.88 (0.65, 1.17)
Quartile 4	1.09 (0.83, 1.42)	0.91 (0.69, 1.21)	0.90 (0.68, 1.19)	0.90 (0.59, 1.37)	1.05 (0.77, 1.45)	0.94 (0.71, 1.25)	1.08 (0.78, 1.48)
<b>Stroke</b>							
Quartile 1	ref	ref	ref	ref	ref	ref	ref
Quartile 2	0.81 (0.59, 1.11)	0.80 (0.58, 1.10)	0.81 (0.58, 1.11)	0.83 (0.60, 1.15)	0.80 (0.58, 1.10)	0.81 (0.59, 1.13)	0.81 (0.59, 1.11)
Quartile 3	0.63 (0.46, 0.88)	0.61 (0.44, 0.84)	0.63 (0.45, 0.88)	0.66 (0.46, 0.93)	0.65 (0.47, 0.91)	0.67 (0.47, 0.95)	0.63 (0.46, 0.88)
Quartile 4	0.83 (0.60, 1.15)	0.81 (0.59, 1.12)	0.79 (0.57, 1.10)	0.86 (0.59, 1.24)	0.79 (0.57, 1.10)	0.84 (0.57, 1.22)	0.83 (0.60, 1.15)
<b>Composite AMI-Stroke</b>							
Quartile 1	ref	ref	ref	ref	ref	ref	ref
Quartile 2	0.90 (0.72, 1.13)	0.85 (0.68, 1.07)	0.90 (0.72, 1.11)	0.91 (0.71, 1.16)	0.92 (0.73, 1.16)	0.91 (0.72, 1.15)	0.92 (0.73, 1.17)
Quartile 3	0.87 (0.70, 1.09)	0.80 (0.63, 1.01)	0.85 (0.69, 1.06)	0.87 (0.66, 1.14)	0.90 (0.71, 1.14)	0.89 (0.70, 1.12)	0.91 (0.71, 1.17)
Quartile 4	0.93 (0.74, 1.16)	0.90 (0.71, 1.13)	0.90 (0.72, 1.11)	0.91 (0.65, 1.27)	0.97 (0.75, 1.26)	0.94 (0.74, 1.19)	0.99 (0.76, 1.29)

Note: LFI=Lifestyle Factor Index;

<sup>a</sup> Adjusting for gender, education level, passive smoking, lifestyle factor index (LFI)

<sup>b</sup> Adjusting for gender, education level, passive smoking

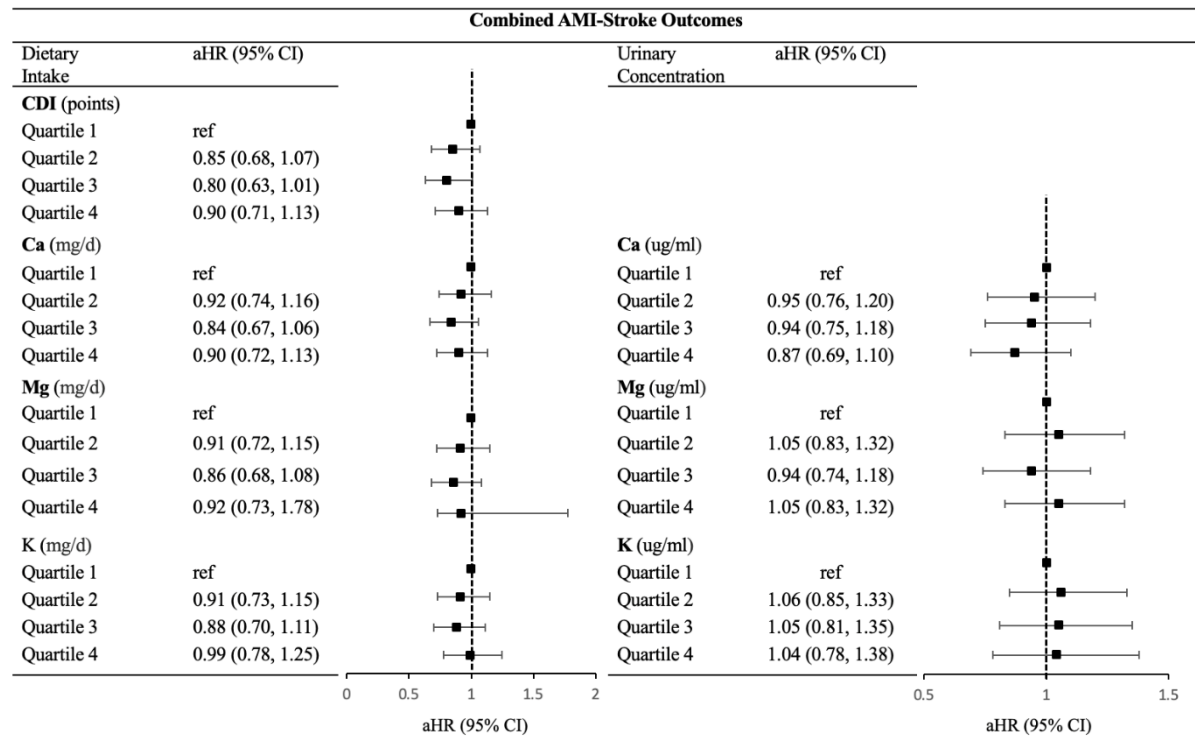
<sup>c</sup> Adjusting for gender, education level, passive smoking, alcohol intake (drinks/week), waist circumference (cm), physical activity at least 30 mins/day (yes/no), dietary criteria (yes/no: >600 g fruits/vegetables per day, ≤ 500 g red/processed meat/week, and ≥ 3 dietary fiber per MJ dietary energy)

<sup>d</sup> Adjusting for gender, education level, passive smoking, alcohol intake (drinks/week), waist circumference (cm), physical activity at least 30 mins/day (yes/no), dietary criteria (yes/no: >600 g fruits/vegetables per day, ≤ 500 g red/processed meat/week, and ≥ 3 dietary fiber per MJ dietary energy), whole grain intake (grams of whole grain cereal)

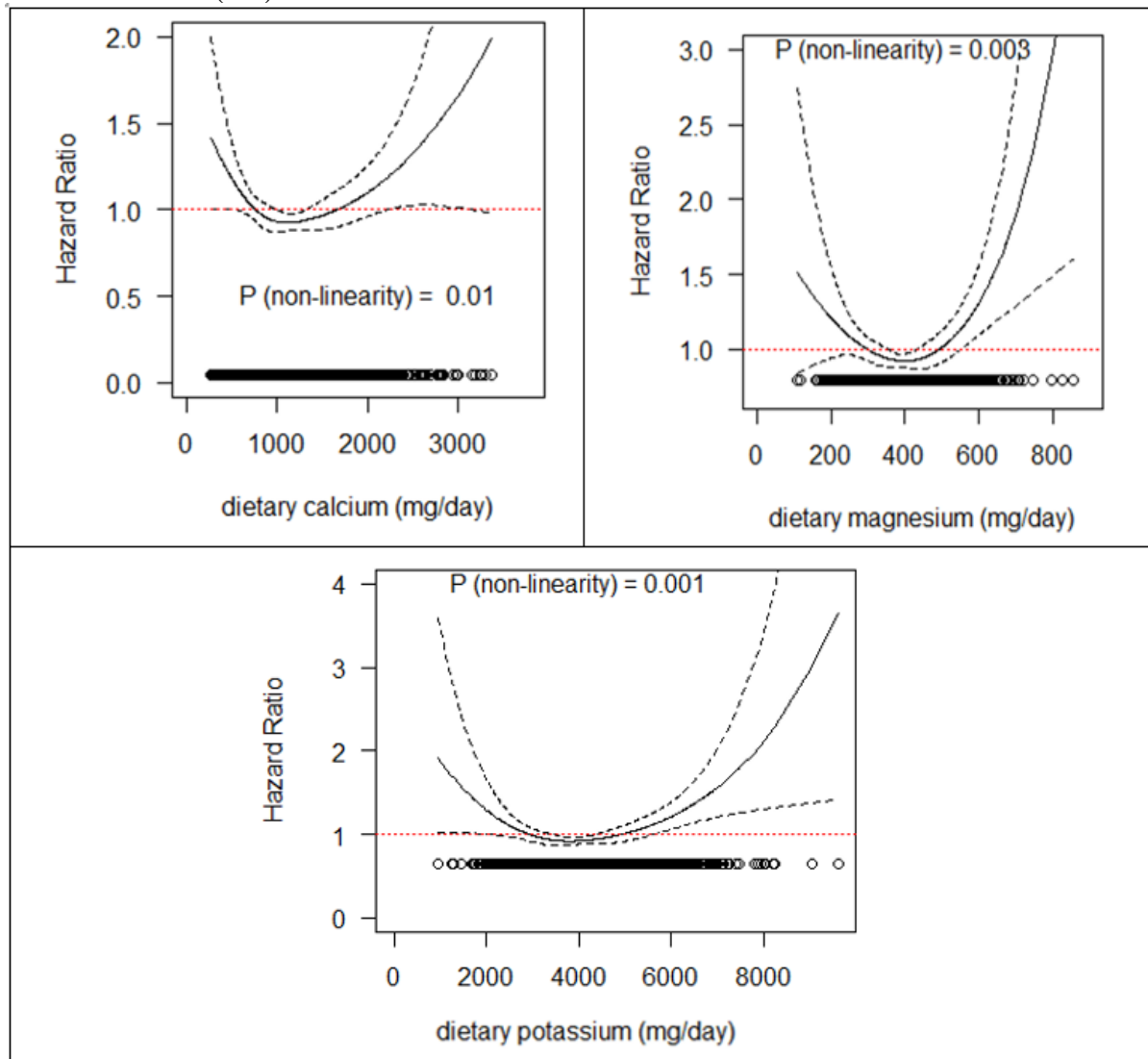
<sup>e</sup> Adjusting for gender, education level, passive smoking, alcohol intake (drinks/week), waist circumference (cm), physical activity at least 30 mins/day (yes/no), dietary criteria (yes/no: >600 g fruits/vegetables per day, ≤ 500 g red/processed meat/week, and ≥ 3 dietary fiber per MJ dietary energy), supplement use (yes vs. no)

<sup>f</sup> Adjusting for gender, education level, passive smoking, alcohol intake (drinks/week), waist circumference (cm), physical activity at least 30 mins/day (yes/no), dietary criteria (yes/no: >600 g fruits/vegetables per day, ≤ 500 g red/processed meat/week, and ≥ 3 dietary fiber per MJ dietary energy), supplement use (yes vs. no), whole grain intake (grams of whole grain cereal)

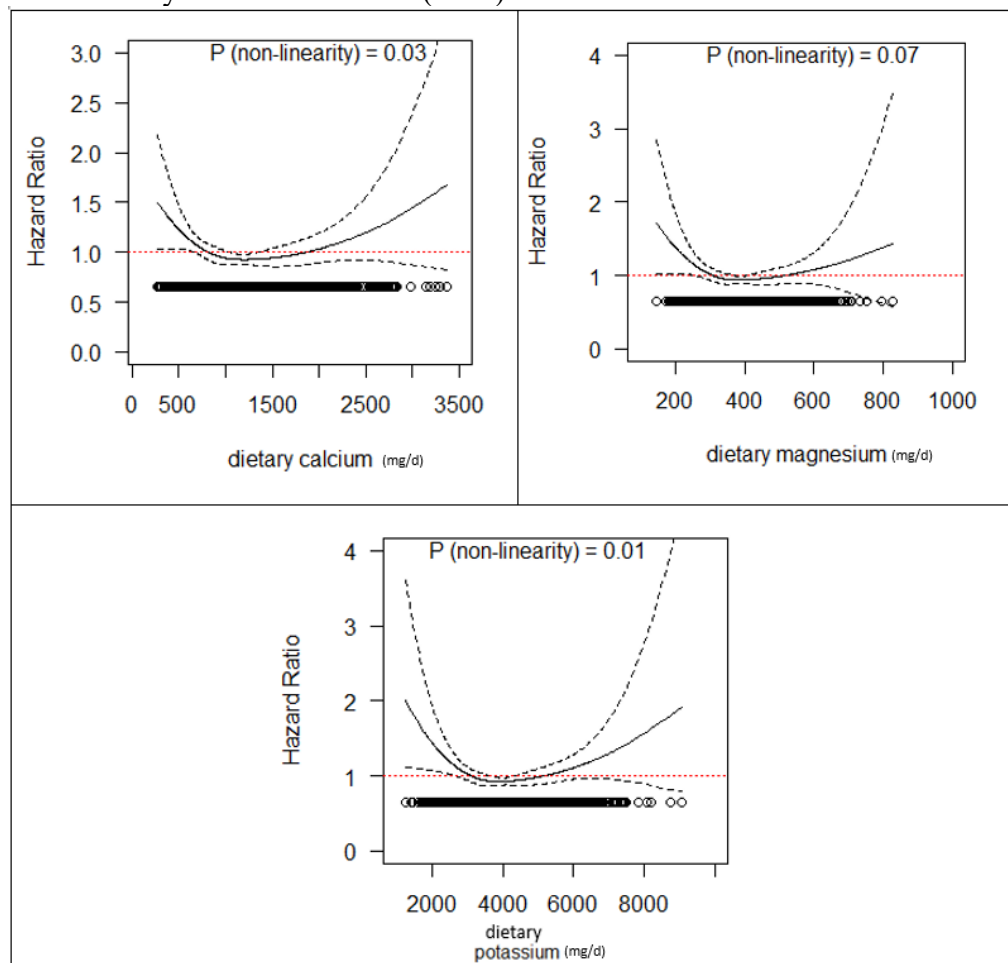
**Figure S1.** Adjusted hazard ratio (HR) for Composite AMI-Stroke outcomes per quartile dietary intake and urinary concentration of minerals



**Figure S2.** Splines for dietary mineral intake (mg/day) of calcium, magnesium and potassium and heart failure (HF)



**Figure S3.** Splines for dietary mineral intake (mg/day) of calcium, magnesium and potassium and acute myocardial infarction (AMI)



**Figure S4.** Splines for dietary mineral intake (mg/day) of calcium, magnesium and potassium and stroke

