

Additional file 5. Interaction of \log_2 MMA with eGFR and all-cause mortality after exclusion of individuals that used multivitamin or vitamin B supplements ($n_{\text{events}} / n_{\text{total}} = 68/1,360$).

	Model 1		Model 2		Model 3	
	HR (95% CI)	P-value	HR (95% CI)	P-value	HR (95% CI)	P-value
\log_2 MMA (nmol/L)	12.63 (3.54-45.03)	<0.001	14.50 (4.10-51.20)	<0.001	10.47 (2.93-37.45)	<0.001
eGFR (10 mL/min/m ²)	7.40 (1.92-28.34)	0.004	10.05 (2.60-38.90)	0.001	7.27 (1.84-28.72)	0.005
\log_2 MMA x eGFR	0.76 (0.65-0.89)	0.001	0.74 (0.63-0.87)	<0.001	0.77 (0.65-0.91)	0.002

Model 1: \log_2 MMA, eGFR, \log_2 MMA x eGFR.

Model 2: adjusted for age and sex.

Model 3: as model 2 + SES, smoking, alcohol intake, BMI, SBP, vitamin B12 and use of vitamin supplements.

Abbreviations: BMI, body mass index; eGFR, estimated glomerular filtration rate; SBP, systolic blood pressure; SES, socioeconomic status.