Supplementary Table 1. The mortality rate as a competing risk according to five categories of BMI (kg/m^2)

Variable	HR (95% CI)		
	Model 1	Model 2	Model 3
Total fractures			
BMI <18.5	1.279 (1.239–1.32)	1.132 (1.096–1.169)	1.121 (1.084–1.158)
18.5≤ BMI <23	1 (ref)	1 (ref)	1 (ref)
23≤ BMI <25	0.882 (0.872–0.892)	0.929 (0.918–0.94)	0.938 (0.927–0.949)
25≤ BMI <30	0.843 (0.835–0.852)	0.901 (0.892–0.911)	0.92 (0.91–0.93)
30≤ BMI	0.845 (0.83–0.86)	0.87 (0.854–0.885)	0.893 (0.877–0.91)
Vertebral fractures			
BMI <18.5	1.366 (1.289–1.447)	1.097 (1.035–1.163)	1.073 (1.011–1.138)
18.5≤ BMI <23	1 (ref)	1 (ref)	1 (ref)
23≤ BMI <25	0.923 (0.903–0.943)	0.999 (0.978–1.02)	1.007 (0.986–1.029)
25≤ BMI <30	0.901 (0.884–0.919)	0.998 (0.979–1.018)	1.012 (0.992–1.032)
30≤ BMI	0.916 (0.887–0.947)	0.984 (0.952–1.017)	1.003 (0.97–1.037)
Hip fractures			
BMI <18.5	2.313 (2.172–2.463)	1.533 (1.435–1.636)	1.552 (1.452–1.658)
18.5≤ BMI <23	1 (ref)	1 (ref)	1 (ref)
23≤ BMI <25	0.657 (0.636–0.678)	0.752 (0.728–0.776)	0.761 (0.736–0.786)
25≤ BMI <30	0.545 (0.529–0.561)	0.666 (0.646–0.686)	0.683 (0.662–0.704)
30≤ BMI	0.499 (0.471–0.529)	0.645 (0.609–0.684)	0.66 (0.622–0.7)
Fractures of limbs (upper arm, forearm, and lower leg)			
BMI <18.5	1.038 (0.993–1.083)	0.983 (0.941–1.026)	0.975 (0.933–1.019)
18.5≤ BMI <23	1 (ref)	1 (ref)	1 (ref)
23≤ BMI <25	0.915 (0.902–0.928)	0.949 (0.935–0.962)	0.959 (0.945–0.973)
25≤ BMI <30	0.881 (0.87–0.892)	0.916 (0.905–0.928)	0.937 (0.925–0.949)
30≤ BMI	0.89 (0.871–0.91)	0.872 (0.853–0.891)	0.901 (0.881–0.921)

Model 1: unadjusted; Model 2: adjusted for age, sex, smoke, drink, regular exercise; Model 3, adjusted for model 2 plus hypertension, dyslipidemia, chronic kidney disease, insulin use, duration of diabetes mellitus ≥5 years, use of three or more oral hypoglycemic agents, fasting glucose level, and height.

BMI, body mass index; HR, hazard ratio; CI, confidence interval.