

Supplementary Table 3. Subgroup analyses of heart failure risk in underweight subjects (BMI < 18.5 kg/m²) compared with not underweighted counterparts (BMI ≥ 18.5 kg/m² as the reference) according to presence and absence of diabetes in various conditions

Variable	No diabetes		Diabetes	
	HR (95% CI)	<i>P</i> for interaction	HR (95% CI)	<i>P</i> for interaction
Age, yr		<0.001		<0.001
<65	1.27 (1.16–1.38)		2.99 (2.53–3.53)	
≥65	1.65 (1.59–1.72)		1.71 (1.56–1.88)	
Sex		<0.001		0.170
Men	1.27 (1.20–1.34)		1.88 (1.70–2.08)	
Women	1.55 (1.47–1.64)		1.84 (1.61–2.09)	
Hypertension		<0.001		0.540
No	1.81 (1.73–1.90)		1.73 (1.53–1.96)	
Yes	1.16 (1.09–1.24)		1.97 (1.77–2.18)	
Dyslipidemia		<0.001		0.480
No	1.41 (1.36–1.47)		2.03 (1.85–2.23)	
Yes	1.35 (1.22–1.48)		1.75 (1.49–2.05)	
Abdominal obesity		<0.001		0.350
No	1.48 (1.42–1.54)		1.84 (1.69–2.00)	
Yes	2.65 (2.21–3.18)		1.72 (1.18–2.50)	
Smoking		<0.001		0.290
No	1.85 (1.77–1.93)		1.93 (1.75–2.13)	
Yes	0.87 (0.79–0.95)		1.93 (1.68–2.22)	
Chronic kidney disease		<0.001		<0.001
No	1.16 (1.11–1.21)		1.84 (1.68–2.01)	
Yes	1.93 (1.76–2.11)		1.63 (1.37–1.95)	
History of stroke		0.030		0.210
No	1.31 (1.25–1.37)		1.96 (1.79–2.15)	
Yes	1.24 (1.00–1.55)		1.34 (0.88–2.03)	
History of heart disease		<0.001		0.200
No	1.33 (1.26–1.39)		1.99 (1.81–2.18)	
Yes	1.39 (1.20–1.62)		1.52 (1.11–2.10)	
Cancer		0.740		0.450
No	1.39 (1.34–1.44)		1.99 (1.84–2.16)	
Yes	0.90 (0.54–1.53)		1.17 (0.37–3.72)	
Chronic obstructive pulmonary disease		0.060		0.880
No	1.39 (1.33–1.44)		1.99 (1.83–2.15)	
Yes	1.27 (1.06–1.53)		1.81 (1.23–2.66)	

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