

Supplementary material

Kozela M, Doryńska A, Bobak M, Pajqk A. Alcohol use disorder increases the risk of nonfatal and fatal cardiovascular disease: an 11-year follow-up of a Polish population-based cohort. The HAPIEE study. Pol Arch Intern Med. 2020; 130: 960-966. doi:10.20452/pamw.15616

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Table S1. Association between CAGE score and cardiovascular disease risk for fatal and non-fatal CVD events

		fatal CVD events (n=266)	non-fatal CVD events (n=350)
		HR (95%CI)	HR (95%CI)
All participants N=7,112			
CAGE score	0	ref.	ref.
	1	1.85 (1.07-3.21)	0.78 (0.43-1.43)
	2	2.17 (1.17-4.02)	0.73 (0.34-1.54)
	3	2.67 (1.47-4.86)	1.81 (1.08-3.02)
	4	3.91 (1.90-8.07)	1.93 (0.95-3.92)
p-value for trend		<0.001	0.050
Drinkers N=5,749			
CAGE score	0	ref.	ref.
	1	1.89 (1.06-3.37)	0.77 (0.42-1.41)
	2	2.34 (1.26-4.38)	0.71 (0.33-1.50)
	3	2.91 (1.59-5.34)	1.77 (1.06-2.96)
	4	4.17 (2.00-8.68)	1.86 (0.91-3.80)
p-value for trend		<0.001	0.07
adjusted for age, sex, smoking			

Table S2. Association between CAGE score and cardiovascular disease risk for myocardial infarction and other CVD events

		Myocardial infarction (n=381)	Other CVD (n=235)
		HR (95%CI)	HR (95%CI)
All participants N=7,112			
CAGE score	0	ref.	ref.
	1	1.12 (0.69-1.83)	0.97 (0.45-2.08)
	2	0.58 (0.26-1.30)	2.06 (1.08-3.93)
	3	2.33 (1.50-3.63)	1.86 (0.91-3.83)
	4	2.72 (1.51-4.89)	2.55 (1.03-6.29)
p-value for trend		<0.001	0.003
Drinkers N=5,749			
CAGE score	0	ref.	ref.
	1	1.07 (0.64-1.78)	0.99 (0.46-2.12)
	2	0.58 (0.26-1.31)	2.05 (1.07-3.94)
	3	2.38 (1.53-3.72)	1.83 (0.88-3.78)
	4	2.75 (1.52-4.96)	2.41 (0.97-5.97)
p-value for trend		<0.001	0.004
adjusted for age, sex, smoking			

Table S3. Association between alcohol use disorders and CVD incidence by sex and drinking status, excluding incidents in first two years of observation

		HR ^a (95%CI)	HR ^b (95%CI)	HR ^c (95%CI)
All participants				
CAGE score	0–1	ref.	ref.	ref.
	≥2	1.83 (1.36–2.46)	1.68 (1.25-2.26)	1.76 (1.26-2.46)
Men				
CAGE score	0–1	ref.	ref.	ref.
	≥2	1.72 (1.26–2.34)	1.58 (1.16-2.15)	1.77 (1.26-2.49)
Women				
CAGE score	0–1	ref.	ref.	ref.
	≥2	2.27 (0.84–6.14)	2.07 (0.76-5.59)	0.74 (0.10-5.34)
a-adjusted for age, sex (in all participants)				
b-adjusted for age, sex (in all participants) and smoking				
c-adjusted for age, sex (in all participants), education, marital status, occupational status, hypertension, hypercholesterolemia, smoking, diabetes, BMI and physical activity				