

Fasting glucose (mmol/l)	Number of participants	Cases/person-year	Crude HR (95% CI)	Adjusted HR (95% CI)	' NA
		Colorectal cancer			1
Overall					
Quartile 1 (<5.0)	476	6/6,210	1.00	1.00	•
Quartile 2 (≥5.0~<5.3)	475	14/6,110	2.38 (0.92, 6.20)	2.30 (0.88, 6.04)	+
Quartile 3 (≥5.3~<5.7)	483	11/6,246	1.84 (0.68, 4.97)	1.75 (0.64, 4.80)	
Quartile 4 (≥5.7)	486	11/6,226	1.85 (0.68, 4.99)	1.69 (0.61, 4.68)	-
Men					
Quartile 1 (<5.0)	233	4/2,942	1.00	1.00	÷
Quartile 2 (≥5.0~<5.4)	239	6/3,028	1.47 (0.41, 5.20)	1.48 (0.41, 5.31)	
Quartile 3 (≥5.4~<5.8)	244	9/3,073	2.18 (0.67, 7.06)	2.36 (0.71, 7.86)	-
Quartile 4 (≥5.8)	239	6/2,967	1.50 (0.42, 5.33)	1.60 (0.44, 5.77)	
Women					
Quartile 1 (<5.0)	236	3/3,157	1.00	1.00	÷
Quartile 2 (≥5.0~<5.3)	245	6/3,227	1.97 (0.49, 7.88)	1.69 (0.41, 6.97)	
Quartile 3 (≥5.3~<5.7)	240	3/3,169	1.01 (0.20, 5.01)	1.03 (0.20, 5.25)	-
Quartile 4 (≥5.7)	244	5/3,229	1.66 (0.40, 6.94)	1.34 (0.30, 6.04)	
		Stratified by cancer sub-sites			
Colon cancer					
Quartile 1 (<5.0)	476	3/6,210	1.00	1.00	÷
Quartile 2 (≥5.0~<5.3)	475	9/6,110	3.06 (0.83, 11.31)	2.77 (0.74, 10.30)	-
Quartile 3 (≥5.3~<5.7)	483	11/6,246	3.67 (1.02, 13.16)	3.12 (0.86, 11.35)	-
Quartile 4 (≥5.7)	486	7/6,226	2.35 (0.61, 9.07)	1.91 (0.86, 11.35)	-
Rectal cancer					
Quartile 1 (<5.0)	476	3/6,210	1.00	1.00	÷
Quartile 2 (≥5.0~<5.3)	475	5/6,110	1.70 (0.41, 7.12)	2.38 (0.55, 10.28)	-
Quartile 3 (≥5.3~<5.7)	483	0/6,246	-	-	
Quartile 4 (≥5.7)	486	4/6,226	1.35 (0.30, 6.01)	1.80 (0.37, 8.64)	
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					Low risk High risk

Supplementary Fig. 7. Association of baseline fasting glucose with the risk of colorectal cancer on 1,920 participants followed up from 2006-2008 (baseline) to April 2021 in the Guangzhou Biobank Cohort Study, by dividing the participants according to the quartiles of fasting glucose level. The squares indicate the adjusted hazard ratios (HRs) and the horizontal lines represent 95% confidence interval (CI). NA, not available. ^aAdjusting for age, sex, waist circumference, smoking, alcohol drinking, household annual income, education, physical activity, intake of vegetable and red meat.