

Supplementary Table 4. Characteristics of participants by tertiles of the predicted pro-inflammatory hs-CRP score in the sex-specific models

Characteristic	Male-specific model			Female-specific model		
	Tertiles of the predicted pro-inflammatory hs-CRP score			Tertiles of the predicted pro-inflammatory hs-CRP score		
	Tertile 1 (n = 50)	Tertile 2 (n = 51)	Tertile 3 (n = 51)	Tertile 1 (n = 34)	Tertile 2 (n = 34)	Tertile 3 (n = 34)
Predicted pro-inflammatory hs-CRP score	-1.9 ± 0.4	-1.1 ± 0.2	0.3 ± 1.2	-3.4 ± 0.2	-3.0 ± 0.1	-2.6 ± 0.3
IBD cases	20 (40.0)	27 (52.9)	29 (56.9)	14 (41.2)	20 (58.8)	17 (50.0)
Crohn's disease	8 (40.0)	16 (59.3)	13 (44.8)	9 (64.3)	9 (45.0)	4 (23.5)
Postmenopausal women				1 (2.9)	8 (23.5)	24 (70.6)
Age (yr)	42.7 ± 13.7	48.3 ± 13.0	42.7 ± 13.1	32.7 ± 10.1	45.1 ± 11.9	56.0 ± 13.1
Highest education completed						
College graduate or above	24 (48.0)	30 (58.8)	29 (56.9)	22 (64.7)	19 (55.9)	10 (29.4)
Current smoking	11 (22.0)	18 (35.3)	22 (43.1)	0 (0)	2 (5.9)	3 (8.8)
Alcohol use	29 (58.0)	36 (70.6)	39 (76.5)	16 (47.1)	14 (41.2)	16 (47.1)
Alcohol intake (g/d)	12.9 (0.0, 77.0)	39.1 (0.0, 145.0)	57.6 (3.9, 170.0)	0.0 (0.0, 45.2)	0.0 (0.0, 31.3)	0.0 (0.0, 85.4)
Physical activity (MET-minutes/week)	9.0 (4.7, 17.5)	22.2 (9.3, 37.5)	21.0 (8.8, 35.3)	10.5 (5.3, 17.9)	9.6 (3.5, 20.6)	11.2 (3.9, 29.7)
≥ 14 MET-hr/week	20 (40.0)	35 (68.6)	34 (66.7)	14 (41.2)	12 (35.3)	15 (44.1)
BMI (kg/m ²)	25.1 ± 3.9	27.5 ± 4.1	28.9 ± 3.7	19.9 ± 2.4	22.5 ± 2.3	24.8 ± 4.1
BMI ≥ 25 kg/m ²	25 (50.0)	37 (72.5)	41 (80.4)	1 (2.9)	4 (11.8)	11 (32.3)
Dietary energy intakes (kcal)	1,508.3 ± 421.5	2,012.3 ± 514.6	3,253.0 ± 1,211.8	1,874.1 ± 757.3	1,824.8 ± 686.9	1,937.6 ± 753.2
Glycated haemoglobin (%)	14.0 ± 1.3	14.4 ± 1.6	14.2 ± 2.0	11.9 ± 1.5	12.7 ± 1.4	13.3 ± 0.9
Diabetes	5 (10.0)	7 (13.7)	5 (9.8)	0 (0.0)	1 (2.9)	3 (8.8)
Hypertension	15 (30.0)	13 (25.5)	9 (17.6)	1 (2.9)	2 (5.9)	8 (23.5)

Continuous variables are presented as mean ± standard deviation or median (interquartile range), and categorical variables are presented as number (%).

IBD, inflammatory bowel disease; hs-CRP, high sensitivity C-reactive protein; BMI, body mass index; MET, metabolic equivalent of task.

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