

S11 Table. Association between MDI and CRC risk according to enterotype-based CRC

MDI	ET 1 (<i>Ruminococcus</i>) CRC			ET 2 (<i>Bacteroides</i>) CRC			ET 3 (<i>Prevotella</i>) CRC		
	Cases (%)	Controls (%)	Model: OR (95% CI)	Cases (%)	Controls (%)	Model: OR (95% CI)	Cases (%)	Controls (%)	Model I: OR (95% CI)
Total									
T1 (< -1.87)	13 (7.9)	95 (33.6)	1.00	13 (18.3)	95 (33.6)	1.00	4 (8.3)	95 (33.6)	1.00
T2 (-1.87 to -0.64)	30 (18.3)	93 (32.9)	2.36 (1.16-4.80)	12 (16.9)	93 (32.9)	0.94 (0.41-2.17)	2 (4.2)	93 (32.9)	0.51 (0.10-2.86)
T3 (> -0.64)	121 (73.8)	95 (33.6)	9.31 (4.91-17.63)	46 (64.8)	95 (33.6)	3.54 (1.80-6.97)	42 (87.5)	95 (33.6)	10.50 (3.62-30.44)
p-trend			< 0.001			< 0.001			< 0.001
Male									
T1 (< -1.95)	8 (8.2)	54 (33.3)	1.00	9 (22.0)	54 (33.3)	1.00	2 (8.7)	54 (33.3)	1.00
T2 (-1.95 to -0.79)	14 (14.3)	54 (33.3)	1.75 (0.68-4.51)	8 (19.5)	54 (33.3)	0.89 (0.32-2.48)	0 (0.0)	54 (33.3)	NA
T3 (> -0.79)	76 (77.6)	54 (33.3)	9.50 (4.18-21.58)	24 (58.5)	54 (33.3)	2.67 (1.14-6.26)	21 (91.3)	54 (33.3)	10.50 (2.35-46.99)
p-trend			< 0.001			0.012			< 0.001
Female									
T1 (< -1.84)	6 (9.1)	41 (33.9)	1.00	3 (10.0)	41 (33.9)	1.00	2 (8.0)	41 (33.9)	1.00
T2 (-1.84 to -0.38)	19 (28.8)	39 (32.2)	3.33 (1.20-9.21)	5 (16.7)	39 (32.2)	1.75 (0.39-7.83)	2 (8.0)	39 (32.2)	1.05 (0.14-7.83)
T3 (> -0.38)	41 (62.1)	41 (33.9)	6.83 (2.62-17.84)	22 (73.3)	41 (33.9)	7.33 (2.04-26.42)	21 (84.0)	41 (33.9)	10.50 (2.31-47.70)
p-trend			< 0.001			< 0.001			< 0.001

CRC, colorectal cancer; ET, enterotype; MDI, microbial dysbiosis index; NA, not available.