

Table S2. Results of the multivariable ANCOVA analysis test for subjects sub-categorized into CRC, AP, NAP and NED.

Variable	F value, P value	B coefficient (CI), P Value
Participant category	15.58, <0.001	
CRC		141.64 (93.25, 190.02), <0.001
AP		94.40 (52.78, 136.03), <0.001
NAP		6.80 (-40.19, 53.80), 0.773
NED		0 (reference)
Age	0.64, 0.427	-0.46 (-1.61, 0.69), 0.427
Other (Non-CRC) cancers	1.38, 0.245	-41.66 (-112.58, 29.27), 0.245
Diverticulosis	0.016, 0.90	-2.31 (-38.20, 33.58), 0.90

Table S3. Results of the multivariable ANCOVA analysis test between subjects with CRC (CRC; n=15) and subjects without CRC (Non-CRC; n=59).

Variable	F value	B coefficient (CI)	P value
Participant category	18.23		<0.001
CRC		101.42 (148.79, 54.04)	
Non-CRC		0 (reference)	
Age	0.717	-0.5 (-0.68, 1.68)	0.400
Other (Non-CRC) cancers	1.17	44.44 (-126.46, 37.58)	0.284