

Supplementary Table 2. Mediation analysis of perceived benefits of colonoscopy on participation willingness via self-efficacy and cues to action

Mediator	Effect Type	Estimate	95% CI	p-value
Self-efficacy	ACME (indirect)	0.059	0.034 – 0.085	<0.001
	ADE (direct)	0.09	0.034 – 0.146	0.002
	Total Effect	0.149	0.095 – 0.201	<0.001
	Proportion Mediated	39.10%	21.5% – 68.0%	<0.001
Cues to action	ACME (indirect)	0.03	0.018 – 0.045	<0.001
	ADE (direct)	0.11	0.061 – 0.162	<0.001
	Total Effect	0.14	0.091 – 0.191	<0.001
	Proportion Mediated	21.50%	11.7% – 38.2%	<0.001

CI: Confidence Interval. ACME: average causal mediation effect; ADE: average direct effect.

Models were adjusted for sociodemographic factors, health status factors, and lifestyle factors.