

Supplemental Table S5. Sex-specific estimates of log(odds ratio) of risk factors in the proposed model. We presented estimates (log(OR)), standard errors (SE), and P-values of risk factors in the proposed model, including family history, endoscopy history, and PRS, obtained from GECCO and CORECT cohort-based nested case-control studies.

Sex	Risk Factor	log(OR)	SE	P-value
Women	Family history (Yes)	0.26	0.08	6.18e-4
	Endoscopy history (Yes)	-0.18	0.06	3.09e-3
	PRS (10%)	0.10	7.1e-3	2.03e-82
Men	Family history (Yes)	0.22	0.12	0.06
	Endoscopy (Yes)	-0.33	0.10	7.90e-4
	PRS (10%)	0.20	7.99e-3	2.79e-80