

Supplementary table 1. Literature search.

Database	Search period	Items used	Records retrieved
PubMed/MEDLINE	From inception to January 30, 2026 (searched Nov–Dec 2025 and Jan 2026)	("irritable bowel syndrome" OR IBS) AND ("colon cancer" OR "colorectal cancer" OR "colorectal malignancy" OR "rectosigmoid cancer" OR "gastrointestinal cancer")	469
Web of Science	From inception to January 30, 2026 (searched Nov–Dec 2025 and Jan 2026)	TS=("irritable bowel syndrome" OR IBS) AND TS=("colon cancer" OR "colorectal cancer" OR "colorectal malignancy" OR "rectosigmoid cancer" OR "gastrointestinal cancer")	462
Google Scholar	From inception to January 30, 2026 (searched Nov–Dec 2025 and Jan 2026)	allintitle: ("irritable bowel syndrome" OR IBS) AND ("colon cancer" OR "colorectal cancer" OR "colorectal malignancy" OR "rectosigmoid cancer" OR "gastrointestinal cancer")	100