

Supplementary Table 1. Study quality assessment by Newcastle Ottawa Scale

Study	Selection			Comparability		Outcome		Score		
	Representativeness of the average adult in community	Cohort size	Information on outcomes	Outcome not present at start	NA	Adequate colonoscopic assessment	Follow-up time		Adequacy of follow-up	
	Population based: 1; multi-center: 0.5; single-center: 0	>40 Patients: 1; 39 to 20: 0.5; <20: 0	Information with clarity: 1; information derived: 0.5	Not present: 1; present: 0	NA	Yes: 1; no: 0	Yes: 1; not mentioned: 0	All patients followed up: 1; >50% followed up: 0.5; <50% followed up OR not mentioned: 0	Max=7, high>5, medium 3-5, low <3	
Iacopini, 2015	0.5	0	1	1	NA	1	1	1	5.5	High
Kasuga, 2021	0	0	1	0	NA	1	1	1	4	Medium
Kochhar, 2018	0	0	1	1	NA	1	1	1	5	Medium
Kinoshita, 2019	0.5	0.5	1	0	NA	1	1	0	4	Medium
Lightner, 2021	0	0.5	1	0	NA	1	1	0.5	4	Medium
Matsumoto, 2019	0	0	1	0	NA	1	1	1	4	Medium
Manta, 2021	0.5	1	1	1	NA	1	1	0	5.5	High
Matsui, 2021	0	0	1	0	NA	1	1	0.5	3.5	Medium
Ngamruengphong 2022	0.5	1	1	0	NA	1	1	0.5	5	Medium
Nishio, 2020	0	0.5	1	0	NA	1	1	0.5	4	Medium
Suzuki, 2017	0.5	0.5	1	0	NA	1	1	0.5	4.5	Medium
Yang DH, 2019	0	0	1	0	NA	1	1	0.5	3.5	Medium

NA, not applicable.