SUPPLEMENTARY TABLES

Databases	Search strategy					
Pubmed	#1 (Colorectal Neoplasms[Mesh]) OR (colorect* or colon* or rect* or anal* or anus* or intestin* or bowel*) and (carcinom* or neoplas* or adenocarcinom* or cancer* or tumor* or tumour*)					
	#2 second cancer[tw] OR second tumor[tw] OR second neoplasm[tw] OR second primary[tw] OR second malignancy[tw]					
	#3 risk[mesh] OR risk*[tw] OR incidence*[tw] OR prevalence*[tw] OR epidemiol*[tw]					
	#4 #1 AND #2 AND #3					
	#5 animals[mesh] NOT humans[mesh]					
	#6 #4 NOT #5					
Embase	#1 (exp Colorectal Neoplasms) OR (colorect* or colon* or rect* or anal* or anus* or intestin* or bowel*) and (carcinom* or neoplas* or adenocarcinom* or cancer* or tumor* or tumour*)					
	#2 (second cancer OR second tumor OR second neoplasm OR second primary OR second malignancy):ti,ab,de					
	#3 (risk* OR incidence* OR prevalence* OR epidemiol*):ti,ab,de					
	#4 #1 AND #2 AND #3					
	#5 [animals]/lim NOT [humans]/lim					
	#6 #4 NOT #5					
Web of Science	#1 (Colorectal Neoplasms/exp) OR (colorect* or colon* or rect* or anal* or anus* or intestin* or bowel*) and (carcinom* or neoplas* or adenocarcinom* or cancer* or tumor* or tumour*)					
	#2 second cancer OR second tumor OR second neoplasm OR second primary OR second malignancy					
	#3 (risk* OR incidence* OR prevalence* OR epidemiol*)					
	#4 #1 AND #2 AND #3					
Cochrane	#1 MeSH descriptor: [colorectal cancer] explode all tree					
	#2 (Colorectal Neoplasms) OR (colorect* or colon* or rect* or anal* or anus* or intestin* or bowel*) and (carcinom* or neoplas* or adenocarcinom* or cancer* or tumor* or tumour*)					
	#3 #1 OR #2					
	#4 ((cancer* OR tumo* OR carcinom* OR neoplas* OR malignanc* OR squam* OR epitheliom* OR melanom* OR lymphom*) NEAR/1 (multiple OR subsequen* OR another OR further OR more OR second* OR metachron*))					
	#5 risk* OR incidence* OR prevalence* OR epidemiol*					
	#6 #3 AND #4 AND #5					

Supplementary Table 1. The detailed search strategy.

Study	Date	Selection [*] Comparability [#]		Exposure/Outcome [‡]		Total	
		Score	Score	Notes	Score	Notes	score
Tanaka	2021	****	**		***	_	9
Schottenfeld	1969	***	**		**	No description of follow-up time	7
Evans	2001	***	**		**	Less than 5 years of mean follow-up time	7
Tabuchi	2013	***	**		***	_	8
Tabuchi	2012	***	**		**	Less than 5 years of mean follow-up time	7
Терро	1985	***	**		***	_	8
Enblad	1989	***	**		***	-	8
Tanaka	1991	***	**		**	Less than 5 years of mean follow-up time	7
Levi	1993	***	**		**	No description of follow-up time	7
Buiatti	1997	***	*	No description	***	_	7
McCredie	1997	***	**		**	Less than 5 years of mean follow-up time	7
Dong	2001	***	*	No description	***	_	7
Hemmiki	2001	***	**		***	_	8
Heard	2005	***	**		**	A proportion did not complete the follow-up	7
Cluze	2009	***	**		**	Less than 5 years for statistics of second tumors	7
Noura	2009	***	**		***	_	8
Youlden	2011	***	*	No description	***	_	7
Dasgupta	2012	***	**		**	Less than 5 years of mean follow-up time	7
Utada	2014	***	**		**	Less than 5 years of mean follow-up time	7
Jégu	2014	***	**		***	_	8
Coyte	2014	***	**		**	No description of follow-up time	7
Lee	2015	***	**		**	Less than 5 years of mean follow-up time	7
Liang	2015	***	**		***		8
Preyer	2017	***	**		***	_	8
Yang	2017	***	**		***	_	8
Guan	2015	***	**		***	_	8
Не	2018	***	**		***	_	8
Bright	2019	***	**		***	_	8
Feller	2020	***	**		***	_	8
Malmer	2000	***	**		***	_	8
Moot	2002	***	**		***	_	8
Bouvier	2008	***	**		***	_	8
Ringland	2010	***	**		***	_	8
Raj	2011	***	**		***	-	8
Kok	2012	***	**		***	_	8
Mulder	2012	***	**		***	_	8
Levi	2012	***	**		***	_	8
Kato	2016	***	**		**	Less than 5 years of mean follow-up time	7
Kim	2017	***	**		***	_	8
Chung	2017	***	**		**	Less than 5 years of mean follow-up time	7
Green	2017	***	**		**	Less than 5 years of mean follow-up time	7
Ahn	2019	***	**		**	A proportion did not complete the follow-up	7

Supplementary Table 2. Risk of quality assessment of studies included in the meta-analysis based on Newcastle-Ottawa Scale.

*Maximum score of 4, since most of the studies were retrospective analyses, they did not score full marks. #Maximum score of 2. *Maximum score of 3, even though the mean follow-up of a study was no more than five years, the data on secondary tumors of more than ten years was detailed. The study was considered as a complete follow-up.