

Supplementary Table 5. Comparison of 7 prior systematic reviews to the present analysis									
[Author (y) ^{ref}]	Most recent collection date	Number of reports reviewed after duplicates removed	Provided analysis only of IT patients that had received ICIs	Number of studies analyzing an outcome			Provided analysis of published studies presenting the adjusted effects of IT or ICI on an outcome and the number of studies included		Study provided GRADE analysis
				Survival	Severe outcomes	Hospital admission	Provided analysis	Outcome and number of studies included	
Li ('20) ²⁰	6/21/20	3066	No	7	NR	NR	No	NA	No
Liu ('20) ²¹	7/31/20	2823	No	5	NR	NR	No*	NA	No
Park ('20) ²²	7/1/20	2895	No	11	NR	NR	No	NA	No
Wang ('20) ²³	6/28/20	208	No	9	6	NR	No	No	No
Yekeduz ('20) ²⁴	9/1/20	3412	No	5	7	NR	Yes	Severe outcome; 2 studies	No
Zhang ('20) ²⁵	6/2/20	2547	No	6	NR	NR	Yes [†]	Survival; 3 studies	No
Lazarus ('21) ²⁶	2/27/21	1172	Yes	8	6	5	Yes	Survival; 4 studies Severe outcome; 3 studies Hospital admission; 1 study	Yes
Qian ('21) ²⁷	1/4/21	1133	Yes	11	8	5	No	NA	No
Present analysis (Minkove et al.)	5/1/21	8259	Yes	38	24	15	Yes	Survival; 8 studies Severe outcome; 5 studies Hospital admission; 2 studies	Yes

* – did analysis of studies providing adjusted effects of chemotherapy on outcome but insufficient studies to assess IT; [†] – presented MV analysis of survival for 3 studies presenting individual patient data; NA – not applicable; NR – not reported.