

**Table S2. Risk of bias of included studies**

Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
30	Argenziano M, 2020	●	●	●	●	●	●	●
31	Auld S, 2020	●	●	●	●	●	●	●
32	Bai T, 2020	●	●	●	●	●	●	●
21	Bai X, 2020	●	●	●	●	●	●	●
33	Benelli G, 2020	●	●	●	●	●	●	●
24	Bi Q, 2020	●	●	●	●	●	●	●
34	Cai Q, 2020	●	●	●	●	●	●	●

● = High risk of bias, ● = Moderate risk of bias, ● = Low risk of bias

Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
35	Cao M, 2020	●	●	●	●	●	●	●
36	Cao W, 2020	●	●	●	●	●	●	●
37	Chao C, 2020	●	●	●	●	●	●	●
38	Chen G, 2020	●	●	●	●	●	●	●
39	Chen J, Pan h, 2020	●	●	●	●	●	●	●
40	Chen J, Qi T, 2020	●	●	●	●	●	●	●
41	Chen L, 2020	●	●	●	●	●	●	●
42	Chen M, 2020	●	●	●	●	●	●	●
43	Chen M, Yongzhen F, 2020	●	●	●	●	●	●	●
44	Chen R, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
45	Chen TL, 2020	●	●	●	●	●	●	●
46	Chen W, 2020	●	●	●	●	●	●	●
47	Chen X, Liu Z, 2020	●	●	●	●	●	●	●
48	Chen X, Zhang Y 2020	●	●	●	●	●	●	●
49	Chen X, Zhao B 2020	●	●	●	●	●	●	●
50	Chen X, Zheng F, 2020	●	●	●	●	●	●	●
51	Chen Y, 2020	●	●	●	●	●	●	●
52	Cheng Y, 2020	●	●	●	●	●	●	●
53	Chu J, 2020	●	●	●	●	●	●	●
54	Colaneri M, 2020	●	●	●	●	●	●	●
55	Colombi D, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
56	Cummings M, 2020	●	●	●	●	●	●	●
57	Docherty AB, 2020	●	●	●	●	●	●	●
23	Dong J, 2020	●	●	●	●	●	●	●
58	Dreher M, 2020	●	●	●	●	●	●	●
59	Du RH, 2020	●	●	●	●	●	●	●
60	Duan Q, 2020	●	●	●	●	●	●	●
61	Fan J, 2020	●	●	●	●	●	●	●
62	Fan T, 2020	●	●	●	●	●	●	●
63	Fang L, 2020	●	●	●	●	●	●	●
64	Fei J, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
65	Feng Y, 2020	●	●	●	●	●	●	●
66	Feng Z, 2020	●	●	●	●	●	●	●
67	Fu L, Fei J, Xiang H, 2020	●	●	●	●	●	●	●
68	Fu L, Fei J, Xu S, 2020	●	●	●	●	●	●	●
69	Gao L, 2020	●	●	●	●	●	●	●
70	Gao Y, 2020	●	●	●	●	●	●	●
27	Gong J, 2020	●	●	●	●	●	●	●
71	Grasselli G, 2020	●	●	●	●	●	●	●
72	Gu T, 2020	●	●	●	●	●	●	●
73	Guan W, Liang W, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
74	Guan W, Ni Z, 2020	●	●	●	●	●	●	●
75	Guo T, 2020	●	●	●	●	●	●	●
76	Guo TM, 2020	●	●	●	●	●	●	●
77	Guo W, 2020	●	●	●	●	●	●	●
78	Han H, 2020	●	●	●	●	●	●	●
79	Han M, 2020	●	●	●	●	●	●	●
80	Han Y, 2020	●	●	●	●	●	●	●
81	He W, 2020	●	●	●	●	●	●	●
82	He XW, 2020	●	●	●	●	●	●	●
83	Herold T, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
84	Hu B, 2020	●	●	●	●	●	●	●
85	Hu L, 2020	●	●	●	●	●	●	●
86	Hu X, 2020	●	●	●	●	●	●	●
87	Hu Z, 2020	●	●	●	●	●	●	●
88	Huang C, 2020	●	●	●	●	●	●	●
89	Huang H, 2020	●	●	●	●	●	●	●
90	Huang M, 2020	●	●	●	●	●	●	●
91	Jiang X, 2020	●	●	●	●	●	●	●
92	Jin JM, 2020	●	●	●	●	●	●	●
93	Jin X, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
94	Kalligeros M, 2020	●	●	●	●	●	●	●
95	Kuang Y, 2020	●	●	●	●	●	●	●
96	Lee H, 2020	●	●	●	●	●	●	●
97	Lei L, 2020	●	●	●	●	●	●	●
98	Lei S, 2020	●	●	●	●	●	●	●
99	Li H. 2020	●	●	●	●	●	●	●
100	Li J, Long X, 2020	●	●	●	●	●	●	●
101	Li J, Meng L, 2020	●	●	●	●	●	●	●
102	Li J, Wang X, 2020	●	●	●	●	●	●	●
103	Li K, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
25	Li X, 2020	●	●	●	●	●	●	●
104	Li Y, 2020	●	●	●	●	●	●	●
105	Li YK, 2020	●	●	●	●	●	●	●
106	Lian J, 2020	●	●	●	●	●	●	●
107	Liang W, 2020	●	●	●	●	●	●	●
108	Liao X, 2020	●	●	●	●	●	●	●
109	Liu F, 2020	●	●	●	●	●	●	●
110	Liu J, 2020	●	●	●	●	●	●	●
111	Liu J, Li S, 2020	●	●	●	●	●	●	●
112	Liu J, Liu Y, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
113	Liu KC, 2020	●	●	●	●	●	●	●
114	Liu R, 2020	●	●	●	●	●	●	●
115	Liu T, 2020	●	●	●	●	●	●	●
116	Liu W, 2020	●	●	●	●	●	●	●
117	Liu Y, 2020	●	●	●	●	●	●	●
118	Liu Y, Bi L, 2020	●	●	●	●	●	●	●
119	Liu Y, Du X, 2020	●	●	●	●	●	●	●
120	Liu Y, Sun W, Guo Y, 2020	●	●	●	●	●	●	●
121	Liu Y, Sun W, Li J, 2020	●	●	●	●	●	●	●
122	Liu Y, Yang Y, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
123	Lu J, 2020	●	●	●	●	●	●	●
124	Luo XM, 2020	●	●	●	●	●	●	●
125	Luo XM, 2020	●	●	●	●	●	●	●
126	Lv X, 2020	●	●	●	●	●	●	●
127	Ma J, 2020	●	●	●	●	●	●	●
128	Ma K, 2020	●	●	●	●	●	●	●
129	Ma Y, 2020	●	●	●	●	●	●	●
130	Mehra MR, 2020	●	●	●	●	●	●	●
131	Mo P, 2020	●	●	●	●	●	●	●
132	Niu S, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
133	Pan L, 2020	●	●	●	●	●	●	●
134	Paranjpe I, 2020	●	●	●	●	●	●	●
135	Peng YD, 2020	●	●	●	●	●	●	●
136	Qi D, 2020	●	●	●	●	●	●	●
137	Qi X, 2020	●	●	●	●	●	●	●
138	Qin X, 2020	●	●	●	●	●	●	●
139	Qu R, 2020	●	●	●	●	●	●	●
140	Ran J, 2020	●	●	●	●	●	●	●
141	Rentsch CT, 2020	●	●	●	●	●	●	●
142	Rossi PG, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
143	Ruan Q, 2020	●	●	●	●	●	●	●
144	Sakar J, 2020	●	●	●	●	●	●	●
145	Shi H, 2020	●	●	●	●	●	●	●
146	Shi S, 2020	●	●	●	●	●	●	●
147	Shi W, 2020	●	●	●	●	●	●	●
148	Shi Y, 2020	●	●	●	●	●	●	●
149	Song C, 2020	●	●	●	●	●	●	●
150	Sun F, 2020	●	●	●	●	●	●	●
151	Sun X, 2020	●	●	●	●	●	●	●
152	Sun Y, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
153	Tabata S, 2020	●	●	●	●	●	●	●
154	Tan L, 2020	●	●	●	●	●	●	●
155	Tang N, 2020	●	●	●	●	●	●	●
156	Tian S, 2020	●	●	●	●	●	●	●
157	Tu WJ, 2020	●	●	●	●	●	●	●
158	Wan S, 2020	●	●	●	●	●	●	●
159	Wang D, Hu B, 2020	●	●	●	●	●	●	●
160	Wang D, Yin Y, 2020	●	●	●	●	●	●	●
161	Wang G, 2020	●	●	●	●	●	●	●
162	Wang L, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
163	Wang L, 2020 (2)	●	●	●	●	●	●	●
164	Wang L, Li X, 2020	●	●	●	●	●	●	●
165	Wang L, Zou A, 2020	●	●	●	●	●	●	●
166	Wang R, 2020	●	●	●	●	●	●	●
167	Wang X, 2020	●	●	●	●	●	●	●
168	Wang Y, 2020	●	●	●	●	●	●	●
169	Wang Y, Lu X, 2020	●	●	●	●	●	●	●
170	Wang Y, Zhou Y, 2020	●	●	●	●	●	●	●
171	Wang Z, 2020	●	●	●	●	●	●	●
172	Wen C, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
173	Wen Y, 2020	●	●	●	●	●	●	●
174	Whang S, 2020	●	●	●	●	●	●	●
175	Wu C, 2020	●	●	●	●	●	●	●
176	Wu J, 2020	●	●	●	●	●	●	●
177	Xie H, 2020	●	●	●	●	●	●	●
178	Xie J, Covassin N, 2020	●	●	●	●	●	●	●
179	Xie J, Hungerford D, 2020	●	●	●	●	●	●	●
180	Xu S, 2020	●	●	●	●	●	●	●
181	Xu W, 2020	●	●	●	●	●	●	●
182	Xu Y, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
183	Xu YH, 2020							
184	Yan S, 2020							
185	Yan X, 2020							
186	Yang A, 2020							
187	Yang G, 2020							
188	Yang J, 2020							
189	Yang L, 2020							
190	Yang X, Yang Q, 2020							
191	Yang X, Yu Y, 2020							
192	Yin Y, 2020							

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
193	Young B E, 2020	●	●	●	●	●	●	●
194	Yu C, 2020	●	●	●	●	●	●	●
195	Yu M, 2020	●	●	●	●	●	●	●
196	Yu T, 2020	●	●	●	●	●	●	●
197	Yuan M, 2020	●	●	●	●	●	●	●
198	Zang L, 2020	●	●	●	●	●	●	●
199	Zeng L, 2020	●	●	●	●	●	●	●
200	Zeng Z, 2020	●	●	●	●	●	●	●
201	Zhang F, 2020	●	●	●	●	●	●	●
202	Zhang G, Chang H, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
203	Zhang G, Zhang J, 2020							
204	Zhang H, 2020							
205	Zhang HY 2020							
206	Zhang J, 2020							
207	Zhang JJ, 2020							
208	Zhang L, Tao B, 2020							
209	Zhang L, Tao B, 2020 (2)							
210	Zhang L, Wenwu S, 2020							
211	Zhang L, Zhu F, 2020							
212	Zhang P, 2020							

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
213	Zhang R, 2020	●	●	●	●	●	●	●
214	Zhang S, 2020	●	●	●	●	●	●	●
215	Zhang S, Zhao J, 2020	●	●	●	●	●	●	●
216	Zhang X, Guo W, 2020	●	●	●	●	●	●	●
217	Zhang X, Huan C , 2020	●	●	●	●	●	●	●
218	Zhang Y, 2020	●	●	●	●	●	●	●
219	Zhao W, 2020	●	●	●	●	●	●	●
220	Zhao W, 2020	●	●	●	●	●	●	●
221	Zhen L, 2020	●	●	●	●	●	●	●
222	Zheng F, 2020	●	●	●	●	●	●	●

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Ref. nr.	Author	Study participation	Study Attrition Summary	Prognostic Factor Measurement	Outcome Measurement Summary	Study Confounding Summary	Statistical Analysis and Presentation Summary	Overall risk of bias
223	Zheng X, 2020	●	●	●	●	●	●	●
224	Zhou B, 2020	●	●	●	●	●	●	●
225	Zhou F, 2020	●	●	●	●	●	●	●
226	Zhou H, 2020	●	●	●	●	●	●	●
227	Zhou H, Wanxin C, 2020	●	●	●	●	●	●	●
228	Zhou M, 2020	●	●	●	●	●	●	●
229	Zhou Y, 2020	●	●	●	●	●	●	●
230	Zhu B, 2020	●	●	●	●	●	●	●
231	Zhu Q, 2020	●	●	●	●	●	●	●

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