Author/ly* Somewhat Cohort Representative Repr	Supplementary Table 1. Newcastle-Ottawa quality of assessment scores											
Study		Selection				Comparability		Outcome			Total	
Robiotit 20 ³⁴ Ves Ves Ves Ves Ves Ves Ves No Ves Ro Ves Rob		Representative or Somewhat	Exposed Cohort	of Exposure	Interest Not Present at		Additional	Assessment	Long Enough	·	Number of Stars	
Dail (20) ¹⁴ Ves Ves Ves Ves Ves Ves Ves No Ves Ro	Zhang H ('20) ⁷³	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9	
Zhang, L'(20) ²⁴ Yes Yes Yes Yes Yes Yes Yes Yes Xes Xe	Robilotti ('20)63	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9	
Kelansky (120) ²⁴ Yes Yes Yes Yes Yes Yes Yes Yes No Yes 8	Dai ('20) ⁴¹	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8	
Kiebanov (21) ¹² Yes Yes Yes Yes Yes Yes Yes No Yes 8	Zhang, L ('20) ⁷⁴	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8	
Leb (20)	Kalinsky ('20) ⁵¹	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8	
Luo (720) ¹⁵ Yes	Klebanov ('21) ⁵²	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8	
Nakamura (20) 56	Lee ('20) ⁵⁴	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8	
Nichetti (20) ¹⁹ Yes Ye	Luo ('20) ⁵⁵	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8	
Trapant (20) ¹⁰⁰ Yes	Nakamura ('20) ⁵⁸	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8	
Trapant (20) ¹⁰⁰ Yes									No			
Wang (20) ¹⁰⁰ Yes												
Jee (*20)**2	Wang ('20) ⁷⁰	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	8	
Lara (*20)*3		Yes		Yes		Yes	No	Yes	No	Yes	7	
Sng (*20)**		Yes	Yes	Yes		Yes	Yes	Yes	No	UC	7	
Yarza (20) ²¹ Yes Yes Yes Yes Yes Yes No No Yes Yes Yes 7 Calles (20) ²⁹ Yes		Yes	Yes	Yes		Yes	Yes	Yes		UC	7	
Calles ('20) ³⁹ Yes Yes Yes Yes Yes Yes No No No Yes Yes Yes 7 Di Cosimo (21) ⁴³ Yes Yes Yes Yes Yes No No No Yes Yes Yes Yes 7 Singh ('20) ⁶⁶ Yes Yes Yes Yes Yes No No No Yes Yes Yes Yes 7 Crolley ('20) ⁴⁰ Yes Yes Yes Yes Yes No No No Yes Yes UC 6 Grivas ('21) ⁴⁸ Yes Yes Yes Yes Yes No No No Yes Yes UC 6 Mehta, A ('20) ⁵¹ Yes Yes Yes Yes No No Yes Yes UC 6 Pinato ('20) ⁶² Yes Yes Yes Yes No No Yes Yes UC 6 Pinato ('20) ⁶² Yes Yes Yes Yes No No Yes Yes UC 6 Russell ('20) ⁶² Yes Yes Yes Yes No No Yes Yes UC 6 Gonzalez-Cao ('20) ⁶⁶ Yes Yes Yes Yes Yes Yes No No Yes Yes UC 6 Gonzalez-Cao ('20) ⁶⁶ Yes Yes Yes Yes Yes Yes Yes No No Yes Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes Yes No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes Yes No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes Yes No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes Yes No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes No No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes No No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes No No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁵ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁶ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁶ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁶ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁶ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁶ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁶ Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁶ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁶ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Rogado ('20) ⁶⁶ Ye		Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	UC	7	
Di Cosimo ('21) ⁴³ Yes		Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	7	
Singh ('20) ⁶⁶ Yes			Yes					Yes			7	
Crolley ('20)****		Yes		Yes	Yes	No	No	Yes	Yes	Yes	7	
Grivas ('21)*8		Yes		Yes		No	No	Yes	Yes	UC	6	
Mehta, A ('20) ³¹		Yes	Yes	Yes	Yes	No	No	Yes	Yes		6	
Pinato ('20) ⁶¹ Yes Yes Yes Yes Yes No No Yes Yes UC 6 Pinto ('20) ⁶² Yes Yes Yes Yes Yes No No No Yes Yes UC 6 Russell ('20) ⁶⁵ Yes Yes Yes Yes Yes No No No Yes Yes UC 6 Russell ('20) ⁶⁶ Yes Yes Yes Yes Yes No No Yes Yes UC 6 Gonzalez-Cao ('20) ⁶⁶ Yes Yes Yes Yes Yes No No Yes No UC 6 Hanna ('20) ⁴⁹ Yes Yes Yes Yes Yes Yes No Yes No UC 6 Nie ('20) ⁶⁰ Yes Yes Yes Yes Yes Yes No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes No Yes No UC 6 Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes No Yes No UC 6 Albiges ('20) ³⁶ Yes Yes Yes Yes Yes No No Yes No Yes And UC 6 Angelis ('20) ³⁷ Yes Yes Yes Yes Yes No No Yes No Yes No Yes 6 Angelis ('20) ³⁷ Yes Yes Yes Yes Yes No No Yes No UC 5 Pe Joode ('20) ⁴² Yes Yes Yes Yes Yes No No Yes No UC 5 Garassino ('20) ⁴⁵ Yes Yes Yes Yes Yes No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes Yes No No Yes No UC 5 Goudsmit ('21) ⁴⁸ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes Yes Yes Yes No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes Yes Yes Yes No No Yes No UC 5		Yes	Yes	Yes	Yes	No	No	Yes	Yes	UC	6	
Pinto ('20) ⁶² Yes	Pinato ('20)61	Yes	Yes	Yes	Yes		No	Yes	Yes	UC	6	
Russell ('20) ⁶⁵ Yes No No Yes Yes UC 6		Yes	Yes	Yes	Yes	No	No	Yes	Yes	UC	6	
Gonzalez-Cao ('20) ⁴⁶		Yes	Yes	Yes	Yes		No	Yes	Yes	UC	6	
Hanna ('20) ⁴⁹ Yes Yes Yes Yes Yes Yes Yes No Yes No UC 6		Yes	Yes	Yes		Yes	No	Yes	No	UC	6	
Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes No Yes No UC 6		Yes	Yes	Yes	Yes	Yes	No	Yes	No	UC	6	
Rogado ('20) ⁶⁴ Yes Yes Yes Yes Yes Yes No Yes No UC 6	Nie ('20) ⁶⁰			Yes			No		No		6	
Albiges ('20) ³⁶ Yes Yes Yes Yes Yes No No No Yes No Yes 6 Yu ('20) ⁷³ Yes Yes Yes Yes No No No Yes No Yes 6 Angelis ('20) ³⁷ Yes Yes Yes Yes No No No Yes No UC 5 Assad ('20) ⁴⁰ Yes Yes Yes Yes No No No Yes No UC 5 De Joode ('20) ⁴² Yes Yes Yes Yes No No No Yes No UC 5 Fillmore ('20) ⁴⁴ Yes Yes Yes Yes No No No Yes No UC 5 Fuentes-Antras ('20) ⁴⁵ Yes Yes Yes Yes No No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes Yes No No No Yes No UC 5 Goudsmit ('21) ⁴⁸ Yes Yes Yes Yes Yes No No No Yes No UC 5 Mandala ('20) ⁵⁶ Yes Yes Yes Yes Yes No No No Yes No UC 5 Stroppa ('20) ⁵⁷ Yes Yes Yes Yes Yes No No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes Yes Yes No No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes Yes Yes No No No Yes No UC 5		Yes	Yes	Yes	Yes	Yes	No	Yes	No		6	
Yu ('20)73 Yes Yes Yes Yes No No Yes No Yes 6 Angelis ('20)37 Yes Yes Yes Yes No No No Yes No UC 5 Assad ('20)40 Yes Yes Yes Yes No No No Yes No UC 5 De Joode ('20)42 Yes Yes Yes No No No Yes No UC 5 Fillmore ('20)44 Yes Yes Yes Yes No No No Yes No UC 5 Fuentes-Antras ('20)45 Yes Yes Yes Yes No No No Yes No UC 5 Garassino ('20)35 Yes Yes Yes Yes No No No Yes No UC 5 Goudsmit ('21)48 Yes Yes Yes Yes No						No	No	Yes	No	Yes	6	
Angelis ('20) ³⁷ Yes Yes Yes Yes Yes No No No Yes No UC 5 Assad ('20) ⁴⁰ Yes Yes Yes Yes Yes No No No Yes No UC 5 De Joode ('20) ⁴² Yes Yes Yes Yes Yes No No No Yes No UC 5 Fillmore ('20) ⁴⁴ Yes Yes Yes Yes Yes No No No Yes No UC 5 Fuentes-Antras ('20) ⁴⁵ Yes Yes Yes Yes Yes No No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes Yes No No No Yes No UC 5 Goudsmit ('21) ⁴⁸ Yes Yes Yes Yes Yes No No No Yes No UC 5 Mandala ('20) ⁵⁶ Yes Yes Yes Yes Yes No No No Yes No UC 5 Mehta, V ('20) ⁵⁷ Yes Yes Yes Yes Yes No No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes Yes Yes No No No Yes No UC 5						No	No		No		6	
Assad ('20) ⁴⁰ Yes Yes Yes Yes No No Yes No UC 5 De Joode ('20) ⁴² Yes Yes Yes Yes No No No Yes No UC 5 Fillmore ('20) ⁴⁴ Yes Yes Yes Yes No No No Yes No UC 5 Fuentes-Antras ('20) ⁴⁵ Yes Yes Yes No No No Yes No UC 5 Garassino ('20) ⁴⁵ Yes Yes Yes Yes No No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes No No No Yes No UC 5 Goudsmit ('21) ⁴⁸ Yes Yes Yes Yes No No No Yes No UC 5 Mehta, V ('20) ⁵⁷ Yes Yes Yes Yes <td></td> <td></td> <td>Yes</td> <td></td> <td>Yes</td> <td></td> <td>No</td> <td>Yes</td> <td>No</td> <td></td> <td>5</td>			Yes		Yes		No	Yes	No		5	
De Joode ('20) ⁴² Yes Yes Yes Yes No No Yes No UC 5 Fillmore ('20) ⁴⁴ Yes Yes Yes Yes No No No Yes No UC 5 Fuentes-Antras ('20) ⁴⁵ Yes Yes Yes Yes No No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes No No No Yes No UC 5 Goudsmit ('21) ⁴⁸ Yes Yes Yes Yes No No No Yes No UC 5 Mandala ('20) ⁵⁶ Yes Yes Yes Yes No No No Yes No UC 5 Mehta, V ('20) ⁵⁷ Yes Yes Yes Yes No No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes <td></td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>No</td> <td>No</td> <td>Yes</td> <td>No</td> <td>UC</td> <td>5</td>		Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5	
Fillmore ('20) ⁴⁴ Yes Yes Yes Yes Yes No No No Yes No UC 5 Fuentes-Antras ('20) ⁴⁵ Yes Yes Yes Yes No No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes Yes No No No Yes No UC 5 Goudsmit ('21) ⁴⁸ Yes Yes Yes Yes No No No Yes No UC 5 Mandala ('20) ⁵⁶ Yes Yes Yes Yes No No No Yes No UC 5 Mehta, V ('20) ⁵⁷ Yes Yes Yes Yes No No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes Yes No No No Yes No UC 5		Yes	Yes	Yes	Yes	No	No	Yes	No		5	
Fuentes-Antras ('20) ⁴⁵ Yes Yes Yes Yes No No Yes No UC 5 Garassino ('20) ³⁵ Yes Yes Yes No No No Yes No UC 5 Goudsmit ('21) ⁴⁸ Yes Yes Yes No No No Yes No UC 5 Mandala ('20) ⁵⁶ Yes Yes Yes Yes No No No Yes No UC 5 Mehta, V ('20) ⁵⁷ Yes Yes Yes Yes No No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes Yes No No No Yes No UC 5			Yes	Yes				Yes	No			
Garassino ('20)³5 Yes Yes Yes Yes No No Yes No UC 5 Goudsmit ('21)⁴8 Yes Yes Yes Yes No No No Yes No UC 5 Mandala ('20)⁵6 Yes Yes Yes Yes No No Yes No UC 5 Mehta, V ('20)⁵7 Yes Yes Yes Yes No No No Yes No UC 5 Stroppa ('20)⁶8 Yes Yes Yes Yes No No No Yes No UC 5	Fuentes-Antras ('20)45	Yes	Yes	Yes	Yes			Yes			5	
Goudsmit ('21) ⁴⁸ Yes Yes Yes Yes No No Yes No UC 5 Mandala ('20) ⁵⁶ Yes Yes Yes No No No Yes No UC 5 Mehta, V ('20) ⁵⁷ Yes Yes Yes No No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes No No No Yes No UC 5								Yes	No		5	
Mandala ('20) ⁵⁶ Yes Yes Yes No No Yes No UC 5 Mehta, V ('20) ⁵⁷ Yes Yes Yes No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes No No Yes No UC 5	` '										5	
Mehta, V ('20) ⁵⁷ Yes Yes Yes Yes No No Yes No UC 5 Stroppa ('20) ⁶⁸ Yes Yes Yes Yes No No Yes No UC 5												
Stroppa ('20) ⁶⁸ Yes Yes Yes Yes No No Yes No UC 5												
	· · · · ·											
vvood (20) 163 163 163 163 170 170 170 170 170 170 170 170 170 170	Wood ('20) ³²	Yes	Yes	Yes	Yes	No	No	Yes	No	UC	5	

UC – unclear. Please refer to supplemental methods for details regarding Newcastle-Ottawa quality of assessment scores.