Table 1: **Quality Assessment**

Quality assessment for meta-analyses providing unique effects

|  |  | **Quality Assessment*1*** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| First Author | Year | Elig. Crit.*2* | Lit. Search*3* | Dual Screen*4* | Dual Qual.*5* | Studies Listed*6* | Pub. Bias*7* | Hetero.*8* |
| Abrami | 2020 | U | U | L | H | L | L | L |
| Adelantado-Renau | 2019 | L | L | L | L | L | L | L |
| Andrade | 2019 | U | L | L | U | L | H | L |
| Arztmann | 2022 | U | H | H | H | H | L | L |
| Aspiranti | 2020 | U | L | L | H | L | H | L |
| Bartel | 2015 | L | L | U | U | L | U | U |
| Beck Silva | 2022 | L | L | L | L | L | H | L |
| Benavides-Varela | 2020 | U | H | L | H | L | L | L |
| Blok | 2002 | U | L | H | H | L | H | L |
| Bossen | 2020 | U | L | L | L | L | H | L |
| Boyland | 2016 | H | L | L | U | L | L | L |
| Byun | 2018 | U | U | U | H | H | H | H |
| Cao | 2020 | U | H | U | H | L | L | L |
| Champion | 2019 | L | L | L | L | L | L | L |
| Chan | 2014 | U | H | H | H | L | L | L |
| Chauhan | 2017 | U | L | U | H | H | L | L |
| Chen | 2020 | U | H | U | H | H | H | L |
| Cheung | 2012 | U | L | L | H | H | L | L |
| Cheung | 2013 | L | H | H | U | L | L | L |
| Cho | 2018 | U | H | U | H | L | L | L |
| Claussen | 2022 | U | L | U | H | L | H | L |
| Clinton | 2019 | U | H | U | U | L | L | L |
| Comeras-Chueca | 2021 | L | U | L | U | L | H | L |
| Comeras-Chueca | 2021 | L | L | L | U | L | H | L |
| Coyne | 2018 | L | L | L | H | L | L | L |
| Cunningham | 2021 | U | L | L | H | L | L | L |
| Cushing | 2010 | U | L | H | H | L | L | L |
| Darling | 2017 | U | L | U | U | L | H | H |
| Eirich | 2022 | U | L | L | L | L | L | L |
| Feng | 2021 | L | L | L | L | L | H | L |
| Ferguson | 2017 | U | L | L | H | L | L | L |
| Ferguson | 2020 | L | U | L | L | L | L | L |
| Folkvord | 2018 | U | L | L | U | L | H | L |
| Furenes | 2021 | H | H | L | U | L | L | L |
| Gardella | 2017 | U | L | L | U | L | L | L |
| Garzón | 2019 | U | H | U | H | H | L | L |
| Graham | 2015 | U | L | H | H | L | L | L |
| Hammersley | 2016 | L | L | H | L | L | H | L |
| Hao | 2021 | U | L | L | L | L | H | L |
| Hassan-Saleh | 2019 | U | L | U | U | H | H | L |
| He | 2021 | L | L | L | L | L | L | L |
| Hernandez-Jimenez | 2019 | U | L | H | L | L | L | L |
| Hurwitz | 2018 | L | L | H | H | L | L | L |
| Ivie | 2020 | U | L | L | L | L | L | L |
| Janssen | 2020 | U | L | L | L | L | U | L |
| Kates | 2018 | U | H | L | H | H | L | L |
| Kim | 2021 | U | L | U | L | L | L | L |
| Kroesbergen | 2003 | U | L | U | H | L | H | L |
| Kucukalkan | 2019 | U | L | U | U | H | L | L |
| Li | 2010 | U | L | L | U | L | H | L |
| Li | 2022 | L | H | L | L | L | H | L |
| Li | 2022 | U | H | L | H | L | L | L |
| Liao | 2008 | L | H | H | L | H | H | H |
| Liao | 2014 | U | L | H | L | L | L | L |
| Liu | 2019 | U | L | U | H | L | L | L |
| Liu | 2022 | U | H | U | H | H | L | L |
| Lu | 2021 | U | L | U | L | L | L | L |
| Madigan | 2020 | U | L | L | U | L | L | L |
| Major | 2021 | U | L | L | H | L | L | L |
| Mallawaarachchi | 2022 | L | L | L | L | L | L | L |
| Mares | 2005 | U | L | H | H | L | H | H |
| Mares | 2013 | U | H | H | H | L | H | L |
| Marker | 2022 | U | L | H | L | L | L | L |
| Marshall | 2004 | U | L | H | H | H | H | L |
| Martins | 2019 | U | L | U | H | L | L | L |
| Martins | 2022 | L | L | L | L | L | H | L |
| Mazeas | 2022 | L | L | L | L | L | L | L |
| McArthur | 2012 | L | L | L | L | L | L | L |
| McArthur | 2018 | L | L | L | L | L | L | L |
| Mei | 2018 | U | H | U | L | L | H | L |
| Merchant | 2014 | U | L | H | H | H | H | L |
| Neitzel | 2022 | U | L | H | H | L | H | H |
| Oldrati | 2020 | U | L | U | H | L | L | L |
| Paik | 1994 | U | H | U | H | H | L | H |
| Pearce | 2016 | U | L | H | H | H | L | L |
| Peng | 2011 | U | L | U | U | L | H | L |
| Powers | 2013 | U | L | U | H | L | L | L |
| Prescott | 2018 | U | L | U | H | L | L | L |
| Reynard | 2022 | H | L | L | L | L | L | L |
| Rodriguez-Rocha | 2019 | U | L | L | L | L | L | L |
| Sadeghirad | 2016 | H | L | L | L | L | L | L |
| Scherer | 2020 | U | H | U | H | L | L | L |
| Schroeder | 2013 | L | L | U | H | L | L | L |
| Scionti | 2019 | L | L | L | H | L | L | L |
| Shin | 2019 | U | L | L | L | L | H | L |
| Shin | 2022 | L | H | L | L | L | L | L |
| Slavin | 2014 | U | H | H | H | L | H | H |
| Strouse | 2021 | U | L | U | H | H | L | L |
| Takacs | 2014 | H | L | U | H | L | L | L |
| Takacs | 2019 | L | L | U | H | L | L | L |
| Tekedere | 2016 | U | H | U | U | L | L | L |
| Tokac | 2019 | U | H | L | H | L | L | L |
| Vahedi | 2018 | L | L | U | U | L | L | L |
| van Ekris | 2016 | U | L | L | L | L | H | L |
| Vannucci | 2020 | U | L | U | H | L | L | L |
| Williams | 1982 | U | U | H | U | L | H | H |
| Wouters | 2013 | U | H | U | H | L | L | L |
| Xie | 2018 | U | L | L | H | L | L | L |
| Yin | 2019 | U | H | U | H | L | L | L |
| Zhou | 2020 | U | L | U | H | L | L | L |
| Zucker | 2009 | L | L | U | H | L | H | L |
| *1*Items are from the National Health, Lung and Blood Institute's Quality Assessment of Systematic Reviews and Meta-Analyses tool. Note that we excluded the first item of the tool. U = Unclear; L = Low; H = High | | | | | | | | |
| *2*Eligibility criteria predefined and specified | | | | | | | | |
| *3*Literature search strategy comprehensive and systematic | | | | | | | | |
| *4*Dual independent screening and review | | | | | | | | |
| *5*Dual independent quality assessment | | | | | | | | |
| *6*Included studies listed with important characteristics and results of each | | | | | | | | |
| *7*Publication bias assessed | | | | | | | | |
| *8*Heterogeneity assessed | | | | | | | | |