Dual Screening<sup>4</sup>

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Quality Assessment<sup>1</sup>

Dual Quality<sup>5</sup>

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Studies Listed<sup>6</sup>

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Pub. Bias

Assessed<sup>7</sup>

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Heterog.

Assessed<sup>8</sup>

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## **Study Quality Assessment**

Quality assessment for studies providing unique effects

**Study** 

Adelantado-Renau (2019)

Abrami (2020)

Aghasi (2020)

Andrade (2019)

Arztmann (2022)

Aspiranti (2020)

Furenes (2021)

Gardella (2017)

Garzón (2019)

Ghobadi (2018)

Graham (2015)

Haghjoo (2022)

Hao (2021)

He (2021)

Ivie (2020)

Hurwitz (2018)

Janssen (2020)

Kroesbergen (2003)

Kucukalkan (2019)

Kates (2018)

Lanca (2020)

Li (2010)

Li (2020)

Li (2022)

Li (2022)

Liao (2008)

Liao (2014)

Liu (2016)

Liu (2019)

Liu (2022)

Liu (2022)

Lu (2021)

Madigan (2020)

Mallawaarachchi (2022)

Major (2021)

Mares (2005)

Mares (2013)

Marker (2022)

Marshall (2004)

**Martins** (2019)

Martins (2022)

Mazeas (2022)

McArthur (2012)

McArthur (2018)

Merchant (2014)

Mei (2018)

Mori (2019)

Neitzel (2022)

Oldrati (2020)

Pearce (2016)

Poorolajal (2020)

Powers (2013)

Prescott (2018)

Reynard (2022)

Scherer (2020)

Scionti (2019)

Shin (2019)

Slavin (2014)

Strouse (2021)

Takacs (2014)

Takacs (2019)

Tokac (2019)

Vahedi (2018)

Wang (2020)

Vannucci (2020)

Wouters (2013)

Wouters (2013)

Xie (2018)

Xie (2018)

Yin (2019)

Zhang (2016)

Zhang (2022)

Zhang (2022)

Zhou (2020)

Zou (2021)

**Zucker** (2009)

de Oliveira (2016)

<sup>2</sup> Eligibility criteria predefined and specified

<sup>4</sup> Dual independent screening & review <sup>5</sup> Dual independent quality assessment

<sup>7</sup> Publication bias assessed <sup>8</sup> Heterogeneity assessed

<sup>3</sup> Literature search strategy comprehensive and systematic

<sup>6</sup> Included studies listed with important characteristics and results of each

Tekedere (2016)

Sadeghirad (2016)

Schroeder (2013)

Rodriguez-Rocha (2019)

Peng (2011)

Paik (1994)

Kim (2021)

Hammersley (2016)

Hassan-Saleh (2019)

Hernandez-Jimenez (2019)

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Baradaran Mahdavi (2021)	Unclear	High	Low	Low	Low	Low	Low
Bartel (2015)	Low	Low	Unclear	Unclear	Low	Unclear	Unclear
Beck Silva (2022)	Low	Low	Low	Low	Low	High	Low
Benavides-Varela (2020)	Unclear	High	Low	High	Low	Low	Low
Blok (2002)	Unclear	Low	High	High	Low	High	Low
Bossen (2020)	Unclear	Low	Low	Low	Low	High	Low
Boyland (2016)	High	Low	Low	Unclear	Low	Low	Low
Byun (2018)	Unclear	Unclear	Unclear	High	High	High	High
Cao (2020)	Unclear	High	Unclear	High	Low	Low	Low
Carter (2016)	Low	Low	Unclear	Low	Low	High	Low
Champion (2019)	Low	Low	Low	Low	Low	Low	Low
Chan (2014)	Unclear	High	High	High	Low	Low	Low
Chauhan (2017)	Unclear	Low	Unclear	High	High	Low	Low
Chen (2020)	Unclear	High	Unclear	High	High	High	Low
Cheung (2012)	Unclear	Low	Low	High	High	Low	Low
Cheung (2013)	Low	High	High	Unclear	Low	Low	Low
Cho (2018)	Unclear	High	Unclear	High	Low	Low	Low
Claussen (2022)	Unclear	Low	Unclear	High	Low	High	Low
Clinton (2019)	Unclear	Low	Unclear	Low	Low	Low	Low
Comeras-Chueca (2021)	Low	Unclear	Low	Unclear	Low	High	Low
Comeras-Chueca (2021)	Low	Low	Low	Unclear	Low	High	Low
Coyne (2018)	Low	Low	Low	High	Low	Low	Low
Cushing (2010)	Unclear	Low	High	High	Low	Low	Low
Darling (2017)	Unclear	Low	Unclear	Unclear	Low	High	High
Eirich (2022)	Unclear	Low	Low	Low	Low	Low	Low
Fang (2019)	Unclear	Low	Low	Low	Low	Low	Low
Feng (2021)	Low	Low	Low	Low	Low	High	Low
Ferguson (2017)	Unclear	Low	Low	High	Low	Low	Low
Ferguson (2020)	Low	Unclear	Low	Low	Low	Low	Low
Folkvord (2018)	Unclear	Low	Low	Unclear	Low	High	Low
Foreman (2021)	Unclear	Low	Low	Unclear	Low	High	Low

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<sup>1</sup> 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.

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