

| | Risk of bias | | | |
|-------------------------------------|--------------|----|----|---------|
| | D1 | D2 | D3 | Overall |
| Abbott et al., 2021 | − | − | + | − |
| Akesdotter et al., 2022 | − | + | + | − |
| Al-Jumayan et al., 2021 | + | × | + | + |
| Alwan et al., 2022 | − | − | + | − |
| Anderson and Petrie 2012 | + | × | + | + |
| Armento et al., 2023 | + | − | + | + |
| Barrack et al., 2008 | − | − | + | − |
| Barrack et al., 2023 | + | − | + | + |
| Beals and Hill, 2006 | − | − | + | − |
| Beals and Manore 2002 | + | × | + | + |
| Beals, 2002 | × | − | × | × |
| Beekley et al., 2009 | + | × | + | + |
| Borgelt and Burmeister, 2022 | − | − | + | − |
| Borowiec et al., 2023 | + | − | + | + |
| Brook et al., a 2019 | − | + | + | − |
| Brown et al., 2014 | − | − | + | − |
| Brown et al., 2020 | × | + | × | × |
| Burrows et al., 2007 | − | − | + | − |
| Byrne and McLean 2002 | − | − | + | − |
| Carvalhais et al., 2019 | + | × | + | + |
| Chatterton and Petrie 2013 | + | × | + | + |
| Checa Olmos et al., 2023 | + | − | + | + |
| Cobb et al., 2003 | − | − | + | − |
| Coelho et al., a 2013 | × | − | × | × |
| Cox et al., 1997 | − | − | + | − |
| De Borja et al., a 2021 | − | − | + | − |
| Dervish et al., 2023 | + | − | + | + |
| Devrim et al., 2018 | − | − | + | − |
| Doyle-Lucas et al., 2010 | × | − | × | × |
| Escobar-Molina et al., 2015 | − | − | + | − |
| Ferrand and Brunet, 2004 | − | − | × | × |
| Filaire et al., 2011 | × | − | × | × |
| Flatt et al., 2021 | + | × | + | + |
| Fortes et al., 2013 | + | × | + | + |
| Ghazzawi et al., 2022 | + | − | + | + |
| Gibson et al., 2019 | × | − | × | × |
| Giel et al., 2016 | + | × | + | + |
| Glutz et al., 2013 | − | − | + | − |
| Godoy-Izquierdo and Di.az, 2021 | − | − | × | × |
| Goutteborge and Kerkhoffs, 2017 | − | + | + | − |
| Goutteborge et al., 2017 (Study 1) | − | − | + | − |
| Goutteborge et al., 2017 (Study 2) | + | + | + | + |
| Greenleaf et al., 2009 | − | − | + | − |
| Gullivera et al., 2015 | − | − | + | − |
| Hauck et al., 2020 | + | × | + | + |
| Hoch et al., 2009 | − | − | + | − |
| Hoch et al., 2011 | × | + | × | × |
| Hopkinson and Lock, 2004 | − | − | + | − |
| Hulley and Hill 2001 | × | − | × | × |
| Janout and Janoutova.. 2004 | × | − | × | × |
| Joubert et al., 2020 | + | × | + | + |
| Joubert et al., 2022 | − | − | + | − |
| Junge and Hauschild, 2023 | + | − | + | + |
| Kampouri et al., 2019 | − | − | + | − |
| Karlson et al., 2001 | − | − | + | − |
| Karlsson et al., 2023 | + | − | + | + |
| Kennedy et al., 2017 | + | × | + | + |
| Kristja..nsdo..tir et al., 2019 | + | × | + | + |
| Lauder et al., 1999 (Study 1) | − | − | + | − |
| Lauder et al., 1999 (Study 2) | + | × | + | + |
| Lichtenstein et al., 2021 | + | × | + | + |
| Marshall and Harber 1996 | − | − | + | − |
| Marti..nez Rodri..guez et al., 2015 | − | − | + | − |
| Martinovic et al., 2022 | − | − | + | − |
| McLester et al., 2014 | + | × | + | + |
| Meng et al., 2020 | − | − | × | × |
| Michaels et al., 2023 | + | − | + | + |
| Monthuy-Blanc et al., 2010 | − | − | + | − |
| Muros et al., 2020 | + | × | + | + |
| Neves et al., 2017 | × | + | × | × |
| Nichols et al., 2006 | − | − | + | − |
| Nieves et al., 2016 | − | + | + | − |
| OConnor et al., 1995 | × | − | × | × |
| OConnell et al., 2023 | + | − | + | + |
| Okano et al., 2004 | − | − | + | − |
| OLEary et al., 2023 | + | − | + | + |
| Palotto et al., 2022 | − | − | + | − |
| Peklaj et al., 2022 | − | − | + | − |
| Pensgaard et al., 2021 | + | × | + | + |
| Pernick et al., 2006 | + | × | + | + |
| Petisco-Rodri..guez et al., 2020 | − | − | + | − |
| Petrie et al., 2009 | − | − | + | − |
| Pettersen et al., 2016 | × | − | × | × |
| Poucher et al., 2022 | − | + | + | − |
| Prather et al., 2016 | − | − | + | − |
| Pritchett et al., 2021 | × | − | × | × |
| Rauh et al., 2010 | − | + | + | − |
| Ravaldi et al., 2003 | − | − | + | − |
| Ravi et al., 2021 | + | × | + | + |
| Reinking and Alexander, 2005 | − | − | + | − |
| Reinking, 2006 | − | + | + | − |
| Riebl et al., 2007 | − | − | + | − |
| Robbeson et al., 2015 | × | − | × | × |
| Roberts and Kreipe, 2003 | − | − | + | − |
| Rogers et al., 2021 | − | − | + | − |
| Rosendahl et al., 2009 | + | × | + | + |
| Rousselet et al., 2017 | + | × | + | + |
| Rouveix et al., 2007 | × | − | × | × |
| Schtscherbyna et al., 2009 | − | − | + | − |
| Sharps et al., 2022 | − | − | + | − |
| Smith et al., 2020 | − | − | + | − |
| Sophia et al., 2022 | − | − | + | − |
| Staal et al., 2018 | − | − | × | × |
| Stackeov et al., 2023 | + | − | + | + |
| Sundgot-Borgen and Torstveit, 2004 | + | × | + | + |
| Sundgot...Borgen et al., 2003 | + | × | + | + |
| Sundgot-Borgen, 1993 | − | − | + | − |
| Sundgot-Borgen, 1994 | − | − | + | − |
| Syed et al., 2022 | − | − | + | − |
| Teixidor-Battle et al., 2021 | + | × | + | + |
| Tenforde et al., 2022 | + | × | + | + |
| Terry et al., 1999 | − | − | + | − |
| Thein-Nissenbaum et al., 2011 | − | + | + | − |
| Thein-Nissenbaum et al., 2014 | − | + | + | − |
| Thiel et al., 1993 | − | − | + | − |
| Thompson 2007 | − | − | + | − |
| Thompsonnet al., 2017 | − | + | + | − |
| Torres-McGehee et al., 2009 | − | − | + | − |
| Torres-McGehee et al., 2011 | − | − | + | − |
| Torres-McGehee et al., 2023 | + | − | + | + |
| Torstveit and Sundgot-Borgen, 2005 | + | × | + | + |
| Torstveit et al., 2008 | − | − | + | − |
| Uriegas et al., 2021 | + | × | + | + |
| Uriegas et al., 2023 | + | − | + | + |
| Vardar et al., 2005 | − | − | + | − |
| Vardar et al., 2007 | − | − | + | − |
| Walberg and Johnston, 1991 | − | − | + | − |
| Waryasz et al., 2020 | − | − | × | × |
| Wheeler et al., 1986 | − | − | × | × |
| Whitehead et al., 2020 | − | − | + | − |
| Wollenberg et al., 2015 | − | − | + | − |
| Wu et al., 2022 | + | × | + | + |

D1: Selection
D2: Comparability
D3: Exposure

Judgement
× High
− Moderate
+ Low