Study Sensitivity 95% CI Bernardi RM et al. (2022) 1.00 [0.90; 1.00] Hsu L-Y et al. (2010) 1.00 [0.69; 1.00] Luong M-L et al. (2010) 1.00 [0.74; 1.00] Zhuang Q et al. (2017) [0.69; 1.00] 1.00 Egger M et al. (a) (2022) 0.98 [0.88; 1.00] Gupta A et al. (2017) 0.97 [0.87; 1.00] Prattes J et al. (2014) 0.97 [0.83; 1.00] Maertens J et al. (2009) 0.97 [0.88; 1.00] Ardi P et al. (2020) 0.94 [0.81; 0.99] DaHaese J et al. (2012) 0.93 [0.84; 0.98] Brownback KR et al. (2013) 0.93 [0.66; 1.00] Sedik S et al. (2024) 0.92 [0.82; 0.98] Egger M et al. (2022) 0.91 [0.78; 0.97] Aerts R et al. (2022) 0.90 [0.77; 0.97] Khodavaisy S et al. (2015) 0.89 [0.52; 1.00] Taghizadeh-Armaki M et al. (2017) 0.89 [0.65; 0.99] Meersseman W et al. (2008) 0.88 [0.73; 0.97] da Silva R et al. (2010) 0.88 [0.47; 1.00] Hadrich I et al. (2012) 0.86 [0.64; 0.97] Hoenigl M et al. (a) (2014) 0.86 [0.42; 1.00] Becker MJ et al. (2003) 0.85 [0.62; 0.97] Boch T et al. (2016) 0.85 [0.65; 0.96] Jenks JD et al. (2019) 0.85 [0.55; 0.98] El-Mahallawy HA et al. (2021) 0.84 [0.71; 0.94] Husain S et al. (2008) 0.82 [0.48; 0.98] Hoenigl M et al. (2014) 0.80 [0.44; 0.97] Chun JY et al. (2024) 0.79 [0.49; 0.95] Acosta J et al. (2011) 0.78 [0.40; 0.97] Zhou W et al. (2017) 0.76 [0.59; 0.88] Musher B et al. (2004) 0.76 [0.61; 0.87] Castillo CG et al. (2018) 0.75 [0.35; 0.97] Nguyen MH et al. (2011) 0.75 [0.51; 0.91] Buil JB et al. (2023) 0.74 [0.62; 0.84] Rose SR et al. (2014) 0.71 [0.42; 0.92] Lahmer T et al. (2016) 0.69 [0.39; 0.91] Miceli MH et al. (2015) 0.67 [0.09; 0.99] Park SY et al. (2010) 0.67 [0.41; 0.87] Racil Z et al. (2011) 0.64 [0.44; 0.81] Cefalo M et al. (2019) 0.62 [0.46; 0.77] Heng S-C et al. (2014) 0.61 [0.36; 0.83] Penack O et al. (2008) 0.61 [0.41; 0.78] Bergeron A et al. (2010) 0.59 [0.39; 0.76] Imbert S et al. (2018) 0.57 [0.39; 0.74] Affolter K et al. (2014) 0.49 [0.35; 0.63] Yu Y et al. (2019) 0.47 [0.38; 0.55] Boch T et al. (a) (2016) 0.43 [0.27; 0.61] Linder KA et al. (2020) 0.40 [0.19; 0.64] Eigl S et al. (2017) 0.38 [0.15; 0.65] Random effects model 0.80 [0.75; 0.85] Heterogeneity: *p* < 0.0001 0.2 0.4 0.6 8.0 0 1

Sensitivity