

Table S2. Detailed Research Quality Results for Each Study

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Cheldavi et al. (2014)	Red	Green	Green	Yellow	Green	Green	Yellow	Red	Red	Red	Green	Red	Red	Red
Chu and Pan (2012)	Red	Green	Yellow	Yellow	Green	Green	Yellow	Red	Red	Red	Green	Red	Green	Green
Dickinson and Place (2014)	Red	Red	Yellow	Yellow	Green	Green	Green	Red	Red	Red	Green	Red	Red	Green
Edwards et al. (2017)	Red	Green	Yellow	Yellow	Green	Green	Yellow	Red	Green	Red	Green	Red	Red	Green
El Shemy and El-Sayed (2018)	Red	Green	Yellow	Yellow	Green	Green	Yellow	Green	Red	Red	Green	Red	Red	Red
Fragala-Pinkham et al. (2011)	Red	Yellow	Green	Yellow	Green	Green	Yellow	Red	Green	Green	Red	Red	Red	Green
Gabriels et al. (2012)	Red	Green	Yellow	Yellow	Green	Green	Yellow	Red	Green	Red	Green	Red	Red	Red
Gabriels et al. (2015)	Yellow	Green	Yellow	Yellow	Green	Green	Green	Green	Red	Red	Green	Red	Red	Green
Guest et al. (2016)	Red	Yellow	Yellow	Red	Green	Green	Green	Red	Red	Red	Green	Red	Red	Green
Hayward et al. (2016)	Red	Green	Green	Red	Green	Green	Green	Red	Red	Red	Green	Red	Red	Green
Henderson et al. (2016)	Red	Green	Green	Red	Green	Green	Green	Red	Green	Red	Green	Red	Red	Green
Hilton et al. (2014)	Red	Green	Green	Red	Green	Green	Yellow	Red	Red	Red	Green	Red	Red	Red
Ketcheson et al. (2017)	Red	Green	Yellow	Yellow	Green	Green	Yellow	Red	Red	Red	Green	Green	Red	Red

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Kokaridas et al., (2018)	Red	Red	Yellow	Yellow	Green	Green	Yellow	Red	Red	Red	Green	Red	Red	Red
Lanning et al. (2014)	Red	Yellow	Yellow	Yellow	Green	Green	Yellow	Red	Green	Red	Green	Red	Red	Red
Lourenco et al. (2015)	Red	Yellow	Yellow	Yellow	Green	Green	Yellow	Red	Red	Red	Green	Red	Red	Green
Najafabadi et al. (2018)	Red	Red	Red	Yellow	Red	Yellow	Red	Green	Red	Red	Green	Red	Red	Red
Navaee et al. (2018)	Red	Red	Yellow	Yellow	Green	Green	Yellow	Red	Red	Red	Green	Red	Red	Red
Pan (2010)	Red	Green	Yellow	Yellow	Green	Green	Red	Red	Green	Red	Green	Red	Red	Green
Pan (2011)	Red	Green	Yellow	Yellow	Green	Green	Yellow	Red	Red	Red	Green	Red	Red	Green
Pan et al. (2017)	Yellow	Green	Yellow	Green	Green	Green	Green	Red	Red	Red	Green	Red	Red	Red
Rafie et al. (2017)	Yellow	Green	Yellow	Yellow	Green	Green	Green	Red	Green	Red	Green	Red	Red	Red
Samsudin and Low (2017)	Red	Red	Yellow	Yellow	Green	Green	Red	Green	Red	Red	Green	Red	Red	Red
Sarabzadeh et al. (2019)	Red	Red	Yellow	Yellow	Green	Green	Red	Green	Red	Red	Green	Red	Red	Red
Sarol et al. (2015)	Red	Green	Yellow	Red	Green	Green	Green	Red	Red	Red	Green	Red	Red	Red
Srinivasan et al. (2015)	Yellow	Green	Yellow	Yellow	Green	Green	Green	Green	Green	Green	Green	Red	Red	Red
Taheri-Torbatian and	Red	Red	Yellow	Yellow	Green	Green	Green	Red	Red	Red	Green	Red	Red	Red

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Sotoodeh (2019)														
Toscano et al. (2018)	Red	Yellow	Yellow	Yellow	Green	Green	Green	Red	Red	Red	Red	Green	Red	
Travers et al. (2017)	Red	Green	Yellow	Red	Green	Green	Red	Red	Red	Green	Red	Red	Red	
Tse (2019)	Green	Green	Green	Green	Green	Green	Green	Red	Red	Green	Green	Red	Red	
Tse and Masters (2019)	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green	Green	Red	Green	Red	Red	
Wuang et al. (2010)	Yellow	Yellow	Green	Yellow	Green	Green	Red	Green	Red	Green	Green	Red	Red	
Zamani et al. (2017)	Red	Red	Red	Yellow	Green	Green	Red	Green	Red	Green	Red	Red	Red	

Key: green = low risk of bias, yellow = adequate risk of bias, red= high risk of bias