MMAT: QUANTITATIVE DESCRIPTIVE STUDIES

STUDY	S1. Are there clear research questions?	S2. Do the collected data allow to address the research questions?	4.1. Is the sampling strategy relevant to address the research question?	4.2. Is the sample representative of the target population?	4.3. Are the measurements appropriate?	4.4. Is the risk of nonresponse bias low?	4.5. Is the statistical analysis appropriate to answer the research question?
Businelle et al. (2013)	Yes	Yes	Yes	Yes	Yes	?	Yes
Silveira et al. (2013)	Yes	Yes	Yes	No	Yes	?	Yes
Beijers et al. (2014)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
White et al. (2014)	Yes	Yes	Yes	Yes	Yes	?	Yes
Gilbert et al. (2015)	Yes	Yes	Yes	Yes	Yes	?	Yes
Coleman-Cowger (2016)	Yes	Yes	Yes	Yes	Yes	?	Yes
Rockhill et al. (2016)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Širvinskienė et al. (2016)	Yes	Yes	Yes	Yes	Yes	?	Yes
Míguez and Pereira (2018)	Yes	Yes	Yes	Yes	Yes	?	Yes
Yang et al. (2017)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Allen et al. (2019)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Crone et al. (2019)	Yes	Yes	Yes	Yes	Yes	?	Yes
Fujita et al. (2021)	Yes	Yes	Yes	Yes	Yes	?	Yes
Dhaliwal et al. (2022)	Yes	Yes	Yes	Yes	Yes	?	Yes
Yakubu et al. (2023)	Yes	Yes	Yes	Yes	Yes	?	Yes

Note. ?: Cannot tell

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Hong, Q.N.; Pluye, P.; Fàbregues, S.; Bartlett, G.; Boardman, F.; Cargo, M.; Dagenais, P.; Gagnon, M.P.; Griffiths, F.; Nicolau, B.; et al. Mixed methods appraisal tool (MMAT). Version 2018. McGill University, 2018, http://mixedmethodsappraisaltoolpublic.pbworks.com/w/file/fetch/127916259/MMAT_2018_criteria-manual_2018-08-01_ENG.pdf