# Quality assessment

Table S1. Quality appraisal of the included studies using Joanna Briggs Institute Critical Appraisal Checklist

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source** | **JBI Critical Appraisal items\*** | | | | | | | | | **Overall appraisal** | **Level\*** |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Marta, 2019[22] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Campeotto,2003[23] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Li F, 2015[5] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Hestvik, 2011[24] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Rugtveit, 2002[25] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Nissen, 2004[26] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Oord T, 2014[4] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Zhu Q, 2016[3] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Song J, 2016[27] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Macqueen,2018[28] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Lee Y, 2017[29] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Günaydın, 2020[30] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Garg, 2017[31] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Park, 2020[32] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Rouge, 2010[33] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Roca, 2017[34] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Łoniewska, 2020[35] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Li F, 2014[36] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Campeotto, 2020[37] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |
| Zoonen, 2019[38] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Laforgia,2003[39] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Jung,2020[40] | Y | Y | Y | Y | Y | Y | Y | Y | Y | Include | 1 |
| Myjak,2017[41] | Y | Y | U | Y | Y | Y | Y | Y | Y | Include | 2 |

\* JBI Critical Appraisal Checklist: 1: was the sample frame appropriate to address the target population? 2: were study participants sampled in an appropriate way? 3: was the sample size adequate? 4: were the study subjects and the setting described in detail? 5: was the data analysis conducted with sufficient coverage of the identified sample? 6: were valid methods used for the identification of the condition? 7: was the condition measured in a standard, reliable way for all participants? 8: was there appropriate statistical analysis? 9: was the response rate adequate, and if not, was the low response rate managed appropriately?

\*\*Level 1 represents studies that met all 9 criteria, level 2 represents studies that do not meet all 9 criteria in the JBI critical appraisal checklist