

| AUTHOR YEAR | DOWNS AND BLACK APPRAISAL CRITERIA | | | | | | | | | | | | | | | | | TOTAL SCORE /17 | (%) |
|--------------------|------------------------------------|-----------|-----------|-----------|-----------|-----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|----------|--------------------|------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 15 | 16 | 18 | 20 | 21 | 25 | | |
| Audenaert 2011 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 8 | (47) |
| Audenaert 2012 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 13 | (76) |
| Bedi 2011 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 13 | (76) |
| Casartelli 2011 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 10 | (59) |
| Casartelli 2012 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 9 | (53) |
| Casartelli 2014 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 8 | (47) |
| Clohisy 2009 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 8 | (47) |
| Emara 2011 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 8 | (47) |
| Harris-Hayes 2012 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 11 | (65) |
| Harris-Hayes 2014 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 10 | (59) |
| Hatton 2014 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 13 | (76) |
| Kapron 2015 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 10 | (59) |
| Kemp 2014 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 14 | (82) |
| Kennedy 2009 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 11 | (65) |
| Kubiak-Langer 2007 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 11 | (65) |
| Lahner 2015 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 11 | (65) |
| Mendis 2014 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 11 | (65) |
| Ng 2015 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 13 | (76) |
| Nussbaumer 2010 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 10 | (59) |
| Philippon 2009 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 14 | (82) |
| Ross 2015 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 10 | (59) |
| Tannast 2007 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 11 | (65) |
| TOTAL (/22) | 22 | 22 | 19 | 19 | 21 | 22 | 3 | 2 | 15 | 13 | 5 | 21 | 20 | 20 | 6 | 6 | 1 | 63 | (κ=0.626) |

Appendix 1. Methodological quality ratings of reviewed papers, and inter-rater agreement, on the Downs and Black critical appraisal tool (N = 34). Listed in descending order of quality rating. Dark grey shading represents a score of “yes”; white “unable to determine or no”. Papers below line were excluded from further analysis due to low quality rating score