**Supplementary Table S4. Risk of Bias Assessments for Observational Studies (QUIPS tool)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Author (Year) | Study Participation | Study Attrition  | Prognostic Factor Measurement | Outcome Measurement | Study Confounding | Statistical Analysis and Reporting |
| Aherne (2017) |   |   |   |   |   |   |
| Selzler (2016) |   |   |   |   |   |   |
| Craike (2016) |   |   |   |   |   |   |
| van Montfort (2016) |   |   |   |   |   |   |
| Brown (2016) |   |   |   |   |   |   |
| Pakzad (2013) |   |   |   |   |   |   |
| Hogg (2012) |   |   |   |   |   |   |
| Selzler (2012) |   |   |   |   |   |   |
| Casey (2008) |   |   |   |   |   |   |
| Fan (2008) |   |   |   |   |   |   |
| Gallagher (2003) |   |   |   |   |   |   |
| Tooth (1992) |   |   |   |   |   |   |
| Ades (1992) |   |   |   |   |   |   |
| Jensen (2016) |   |   |   |   |   |   |
| Pickering (2013) |   |   |   |   |   |   |
| Mudge (2013) |   |   |   |   |   |   |
| Tiedemann (2012) |   |   |   |   |   |   |
| Messer (2007) |   |   |   |   |   |   |
| Cox (2013) |   |   |   |   |   |   |
|   |   |   |   |   |   |   |
|   | Low |   | Moderate |   |   | High |