**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 |