**Appendix 2. Study Quality: Quality in Prognosis Studies**

The Quality in Prognosis Studies (QUIPS) tool was also used to assess risk of bias in the included cohort studies. Each study was classified as low, high or unclear risk of bias for each of the six domains assessed. An overall risk of bias was then calculated for each study, with any studies having ≥2 “high risk” domains being classified as “high risk”, and any studies with ≥4 “low risk” domains being classified as “low risk”. These risk assessments subsequently informed the emphasis placed on each study during the manuscript writing.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Author | Study participation | Study attrition | Prognostic factor measurement | Outcome measurement | Confounding measurement and account | Analysis | **Overall risk of bias** |
| Norgard[22] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |
| Norgard [21] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |
| Friedman [20] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |
| Friedman [19] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |
| Pabby [27] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |
| Oza [26] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |
| Oza [25] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |
| Pachler [24] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |
| Hernandez-Nieto [28] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |
| Pachler [23] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | **Low risk** |

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