

**Supplementary Table 3. Risk of bias assessments using PROBUST for risk assessment model studies**

Reference	Year	Participants	Predictors	Outcome	Analysis	Total
Shimomura et al. [52]	2017	High	Low	Low	Low	High

PROBUST, Prediction Study Risk of Bias Assessment Tool.

**Supplementary Table 4. Risk of bias assessments using QUIPS for prognostic factor studies**

Reference	Year	Study participation	Study attrition	Prognostic factor measurement	Outcome measurement	Study confounding	Statistical analysis and reporting
Agudo-Fernández et al. [19]	2021	Low	Low	Low	Low	Low	Low
Fanning et al. [20]	2020	Low	Low	Low	Low	Low	Low
Graham et al. [21]	2014	Low	Low	Moderate	Low	Low	Low
Aisenberg et al. [22]	2018	Low	Low	Moderate	Low	Low	Low
Chan et al. [23]	2015	Low	Low	Low	Low	Moderate	Low
Chen et al. [24]	2014	Low	Low	Low	Low	Low	Low
Coates et al. [25]	2021	Low	Low	Low	Low	Moderate	Low
Delaney et al. [26]	2007	Low	Low	Low	Low	Low	Low
Douros et al. [27]	2019	Low	Low	Low	Low	Low	Low
Ferroni et al. [28]	2022	Low	Low	Moderate	Low	Low	Low
Gandhi et al. [29]	2021	Low	Low	Low	Low	Low	Low
Garcia et al. [30]	2019	Low	Low	Low	Low	Low	Low
Holm et al. [31]	2020	Low	Low	Low	Low	Low	Low
Holt et al. [32]	2021	Low	Low	Low	Low	Low	Low
Kato et al. [33]	2016	Low	Low	Low	Low	Low	Low
Kalil et al. [34]	2016	Low	Low	Low	Low	Low	Low
Kolb et al. [35]	2018	Low	Low	Low	Low	Low	Low
Lauffenburger et al. [36]	2015	Low	Low	Low	Low	Low	Low
Lee et al. [37]	2021	Low	Low	Low	Moderate	Low	Low
Leonard et al. [38]	2016	Low	Low	Moderate	Moderate	Moderate	Low
Maruyama et al. [39]	2018	Low	Low	Moderate	Low	Moderate	Low
Murata et al. [40]	2020	Low	Low	Low	Low	Moderate	Low
Nantsupawat et al. [41]	2017	Low	Low	Moderate	Low	Moderate	Low
Nawarawong et al. [42]	2018	Low	Low	Moderate	Low	Moderate	Low
Olsen et al. [43]	2019	Low	Low	Low	Low	Low	Low
Pham et al. [44]	2020	Low	Low	Low	Low	Low	Low
Pourakari et al. [45]	2016	Low	Low	Low	Low	Low	Low
Schauer et al. [46]	2005	Low	Low	Low	Low	Low	Low
Sherid et al. [47]	2015	Low	Low	Low	Low	Low	Low
Sherid et al. [48]	2014	Low	Low	Low	Low	Low	Low
Sherid et al. [49]	2016	Low	Low	Low	Low	Low	Low
Sherwood et al. [50]	2015	Low	Low	Moderate	Low	Low	Low
Youn et al. [51]	2018	Low	Low	Low	Low	Low	Low

QUIPS, Quality in Prognosis Studies.