

**Supplemental Table S3.** Quality Assessment Using the Quality in Prognostic Studies (QUIPS) Tool

Study	Study design	1. Study participation	2. Study attrition	3. Prognostic factor measurement	4. Outcome measurement	5. Study confounding	6. Statistical analysis and reporting
Lin et al. (2007) [1]	Retrospective	Low	Moderate	High	Moderate	Low	Low
Jung et al. (2007) [2]	Retrospective	Low	Low	Low	High	High	Low
Asioli et al. (2010) [3]	Retrospective	Low	High	High	Low	High	Low
Bhargav et al. (2010) [4]	Retrospective	Low	High	Low	Low	Low	Low
Hod et al. (2013) [5]	Retrospective	Low	Low	High	Low	High	Low
Gnemmi et al. (2014) [6]	Retrospective	Low	High	High	Low	High	Low
Lee et al. (2016) [7]	Retrospective	Low	High	Low	High	High	Low
Skansing et al. (2017) [8]	Retrospective	Low	High	High	Low	High	Low
Yu et al. (2017) [9]	Retrospective	Low	High	Low	Low	High	Low
de la Fouchardiere et al. (2018) [10]	Retrospective	Low	Low	Low	Low	Low	Low
Ito et al. (2018) [11]	Retrospective	Low	Low	High	Low	High	Low
Nunes da Silva et al. (2018) [12]	Retrospective	Moderate	High	Low	Low	Low	Low
Bichoo et al. (2019) [13]	Retrospective	Low	High	Low	Low	Low	Low
Akaishi et al. (2019) [14]	Retrospective	Low	High	Low	Low	High	Low
Wong et al. (2019) [15]	Retrospective	Low	Low	High	High	Moderate	Low
Kersting et al. (2021) [16]	Retrospective	Moderate	High	Low	Moderate	High	Low
Panchangam et al. (2022) [17]	Retrospective	Low	Low	High	Low	High	Low
Xu et al. (2022) [18]	Retrospective	Low	High	Low	High	Low	Low
Gubbiotti et al. (2023) [19]	Retrospective	Low	High	Low	Low	High	Low
Jeong et al. (2023) [20]	Retrospective	Low	Low	Low	Low	High	Low

Low: potential risk of low bias; Moderate: potential risk of moderate bias; High: potential risk of high bias.