

Table 1: Risk Of Bias In Non-randomized Studies of Interventions (ROBINS-I)¹:

Author	Confounding	Participant selection	Classification of interventions	Deviation from intended intervention	Missing data	Measurement of outcomes	Selection of the reported result	Overall
Mari et al. ² , 2021	Moderate	Low	Low	Low	Low	Moderate	Low	Low
D'Andrea et al. ³ , 2017	Moderate	Low	Low	Moderate	Moderate	Moderate	Low	Moderate
Morizawa et al. ⁴ , 2016	Moderate	Serious	Moderate	Moderate	Low	Moderate	Low	Moderate
Viers et al. ⁵ , 2014	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Tan et al. ⁶ , 2017	Moderate	Moderate	Low	Low	Moderate	Low	Moderate	Moderate
Hermanns et al. ⁷ , 2014	Moderate	Moderate	Moderate	Moderate	Moderate	Low	Low	Moderate
Bhindi et al. ⁸ , 2016	Moderate	moderate	Moderate	Moderate	Moderate	Moderate	Low	Moderate

References

1. Sterne JA, Hernán MA, Reeves BC, et al. ROBINS-I: a tool for assessing risk of bias in non-randomised studies of interventions. *BMJ*. 2016;355:i4919. doi:10.1136/bmj.i4919
2. Mari A, Muto G, Di Maida F, et al. Oncological impact of inflammatory biomarkers in elderly patients treated with radical cystectomy for urothelial bladder cancer. *Arab J Urol*. 2021;19(1):2-8. doi:10.1080/2090598X.2020.1814974
3. D'Andrea D, Moschini M, Gust KM, et al. Lymphocyte-to-monocyte ratio and neutrophil-to-lymphocyte ratio as biomarkers for predicting lymph node metastasis and survival in patients treated with radical cystectomy. *J Surg Oncol*. 2017;115(4):455-461. doi:10.1002/jso.24521
4. Morizawa Y, Miyake M, Shimada K, et al. Neutrophil-to-lymphocyte ratio as a detection marker of tumor recurrence in patients with muscle-invasive bladder cancer after radical cystectomy. *Urol Oncol Semin Orig Investig*. 2016;34(6):257.e11-257.e17. doi:10.1016/J.UROLONC.2016.02.012
5. Viers BR, Boorjian SA, Frank I, et al. Pretreatment neutrophil-to-lymphocyte ratio is associated with advanced pathologic tumor stage and increased cancer-specific mortality among patients with urothelial carcinoma of the bladder undergoing radical cystectomy. *Eur Urol*. 2014;66(6):1157-1164. doi:10.1016/J.EURURO.2014.02.042
6. Tan YG, Eu E, Lau Kam On W, Huang HH. Pretreatment neutrophil-to-lymphocyte ratio predicts worse survival outcomes and advanced tumor staging in patients undergoing radical cystectomy for bladder cancer. *Asian J Urol*. 2017;4(4):239-246. doi:10.1016/j.ajur.2017.01.004
7. Hermanns T, Bhindi B, Wei Y, et al. Pre-treatment neutrophil-to-lymphocyte ratio as predictor of adverse outcomes in patients undergoing radical cystectomy for urothelial carcinoma of the bladder. *Br J Cancer*. 2014;111(3):444-451. doi:10.1038/bjc.2014.305
8. Bhindi B, Hermanns T, Wei Y, et al. Identification of the best complete blood count-based predictors for bladder cancer outcomes in patients undergoing radical cystectomy. *Br J Cancer*. 2016;114(2):207-212. doi:10.1038/bjc.2015.432