**Appendix A.**

Bias analysis chart

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Author | Sequence Generation | Allocation Concealment | Blinding of participants, personnel, and outcome assessors | Incomplete outcome data | Selective outcome reporting | Other sources of bias | Summary |
| Boullosa et al | high risk | high risk | high risk | high risk | high risk | low risk | 1 |
| Dalbaryak et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Elmiligui et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Ge et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Hakalo et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Jeong et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Li et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Liu et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| ma et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Moon et al | high risk | high risk | high risk | high risk | high risk | high risk | 0 |
| Muller et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Rajasekaran et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Ramieri et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Robertson et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Salunke et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Samaha et al | high risk | high risk | high risk | high risk | high risk | low risk | 1 |
| Shin et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Taller et al | high risk | high risk | high risk | high risk | high risk | low risk | 1 |
| Tian et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Vaccaro et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Wang et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Wang et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Wei et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Ying et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |
| Xie et al | high risk | high risk | high risk | low risk | low risk | low risk | 3 |