Supplementary file 2 The details of NOS scale for included studies.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Study | Year |  | Selection |  |  | Comparability |  | Outcome |  | Total score |
|  |  | Representativeness of the exposed cohort | Selection of the non exposed cohort | Ascertainment of exposure | Demonstration that outcome of interest was not present at start of study | Comparability of cohorts on the basis of the design or analysis | Assessment of outcome | Was follow-up long enough for outcomes to occur | Adequacy of follow up of cohorts |  |
| Jia, Y. | 2020 | ★ | ★ | - | ★ | ★ | ★ | ★ | ★ | 7 |
| Murakami, S. | 2020 | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | 8 |
| Okuma, Y. | 2018 | ★ | ★ | ★ | ★ | ★★ | ★ | ★ | ★ | 9 |
| Tiako Meyo, M. | 2020 | ★ | ★ | ★ | ★ | ★★ | ★ | ★ | - | 8 |
| Vecchiarelli, S. | 2018 | ★ | ★ | ★ | ★ | ★★ | ★ | ★ | ★ | 9 |
| Zhang, J. | 2015 | ★ | ★ | - | ★ | ★ | ★ | ★ | ★ | 7 |
| Zhao, J. | 2017 | ★ | ★ | ★ | ★ | ★★ | ★ | - | ★ | 8 |
| Costantini, A. | 2018 | ★ | ★ | ★ | ★ | ★★ | ★ | ★ | ★ | 9 |
| He, J. | 2020 | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | 8 |
| Mazzaschi, G. | 2020 | ★ | ★ | ★ | ★ | ★★ | ★ | ★ | - | 8 |
| Castello, A. | 2020 | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | 8 |

NOS: Newcastle-Ottawa Scale. A ★ represents one point.