**eTable 4. the results of the quality assessment for each individual study**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Selection** | | | | **Comparability** | | **Exposure** | | |  |
| Assessment criteria | Case definition adequate | Representativeness  of the cases | Selection of controls | Definition of controls | Comparability based on design or analysis | | Ascertainment of exposure | Same method of ascertainment for cases and controls | Non-response rate | Total |
| Dottorini 1995 | ● | ● | ● | ● | ● | ○ | ● | ● | ○ | 7 |
| Berthe 2004 | ● | ● | ● | ● | ○ | ○ | ● | ● | ○ | 6 |
| Ronckers 2005 | ● | ● | ● | ● | ● | ○ | ● | ● | ○ | 7 |
| Sandeep 2006 | ● | ● | ● | ● | ● | ○ | ● | ● | ● | 8 |
| Verkooijen 2006 | ● | ● | ● | ● | ○ | ○ | ● | ● | ● | 7 |
| Tabuchi 2012 | ● | ● | ● | ● | ● | ○ | ● | ● | ○ | 7 |
| Lu 2013 | ● | ● | ● | ● | ● | ○ | ● | ● | ● | 8 |
| Cho 2014 | ● | ● | ● | ● | ● | ○ | ● | ● | ● | 8 |
| Teng 2015 | ● | ● | ● | ● | ● | ○ | ● | ● | ● | 8 |
| Izkhakov 2017 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 9 |
| Wu 2017 | ● | ● | ● | ● | ○ | ○ | ● | ● | ○ | 6 |
| Bright 2019 | ● | ● | ● | ● | ● | ● | ● | ● | ● | 9 |
| Crocetti 2021 | ● | ● | ● | ● | ● | ○ | ● | ● | ○ | 7 |
| Ho 2021 | ● | ● | ● | ● | ○ | ○ | ● | ● | ● | 7 |