**Table S1: The Quality of Observational Studies Assessed by Newcastle – Ottawa Scale**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Newcastle –Ottawa Scale** | | | | | | | | | |
|  |  | **Selection** | | | | **Comparability** | | **Outcome** | | | **Total stars** |
| **Study** | **Year** | **1** | **2** | **3** | **4** | **5A** | **5B** | **6** | **7** | **8** |  |
| Gottlieb/ [20] | 1998 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | No | B(\*) | A(\*) | B(\*) | 8 |
| Chen/ [21] | 2001 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | B(\*) | B(\*) | A(\*) | B(\*) | 9 |
| Sin/ [22] | 2002 | B(\*) | A(\*) | A(\*) | B(0) | A(\*) | B(\*) | B(\*) | A(\*) | B(\*) | 8 |
| Staszstaszewsky/ [23] | 2007 | A(\*) | A(\*) | A(\*) | B(\*) | A(\*) | B(\*) | B(\*) | A(\*) | B(\*) | 9 |
| Au/ [24] | 2004 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | B(\*) | B(\*) | A(\*) | A(\*) | 9 |
| Dransfield/ [25] | 2007 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | No | B(\*) | A(\*) | A(\*) | 8 |
| Van Gestel/ [26] | 2008 | B(\*) | A(\*) | A(\*) | A(\*) | A(\*) | No | B(\*) | A(\*) | A(\*) | 8 |
| Hawkins/ [27] | 2009 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | No | B(\*) | A(\*) | A(\*) | 8 |
| Olenchock/ [28] | 2009 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | No | B(\*) | A(\*) | A(\*) | 8 |
| Rutten/ [29] | 2010 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | No | B(\*) | A(\*) | A(\*) | 8 |
| Short/2011[30] | 2011 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | B(\*) | B(\*) | A(\*) | A(\*) | 9 |
| Stefan/ [31] | 2012 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | B(\*) | B(\*) | A(\*) | B(\*) | 9 |
| Ekström/ [32] | 2013 | A(\*) | A(\*) | A((\*) | A((\*) | A(\*) | No | B(\*) | A(\*) | A(\*) | 8 |
| Angeloni/ [33] | 2013 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | B(\*) | B(\*) | A(\*) | A(\*) | 9 |
| Mentz/ [34] | 2013 | A(\*) | A(\*) | A(\*) | A(\*) | A(\*) | B(\*) | B(\*) | A(\*) | B(\*) | 9 |