**Table 1: Quality assessment of the included incidence-related studies according to the Newcastle Ottawa Scale**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Studies | Selection | Comparability | Outcome | Total |
| Representativeness of the Exposed Cohort (all population-based studies) | 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 (Occurrence of ICH) | Was Follow-Up Long Enough for Outcomes to Occur | Adequacy of Follow Up of Cohorts |
| Wolfe, Giroud et al. 20001 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Thrift, Dewey et al. 20012 |  | N/A | N/A |  | N/A |  |  | / | 4 |
| Di Carlo, Inzitari et al. 20033 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Sacco, Marini et al. 20094 Marini, Totaro et al. 20015 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| D'Alessandro, Bottacchi et al. 20006 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Kita, Turin et al. 20097 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Ishikawa, Kayaba et al. 20088 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Zhang, Yang et al. 20039 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Smadja, Cabre et al. 200110 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Thrift, Dewey et al. 200911 |  | N/A | N/A |  | N/A | 88.7% |  |  | 5 |
| Correia, Silva et al. 200412 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Appelros, Nydevik et al. 200213 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Syme, Byrne et al. 200514 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Suzuki and Izumi, 201515 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Kolominsky-Rabas, Wiedmann et al. 201516 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Correia, Magalhaes et al. 201717 |  | N/A | N/A |  | N/A | / |  |  | 4 |
| Islam, Anderson et al. 200818 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Heuschmann, Grieve et al. 200819 Smeeton, Heuschmann et al. 200720 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Giroud, Delpont et al. 201721 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Kita, Turin et al. 20097 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Vaartjes, Reitsma et al. 200822 |  | N/A | N/A |  | N/A | / |  |  | 4 |
| Hallstrom, Jonsson et al. 200723 Hallstrom, Jonsson et al. 200824 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Lavados, Sacks et al. 200525 Lavados, Sacks et al. 201026 |  | N/A | N/A |  | N/A | /(72%) |  |  | 4 |
| Feigin, Carter et al. 200627 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Corbin, Poddar et al. 200428 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Manobianca, Zoccolella et al. 200829 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Vibo, Korv et al. 200730 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Li, Lou et al. 201531 Wang, Bai et al. 201632 Wang, Ning et al. 201433 |  | N/A | N/A |  | N/A | / |  |  | 4 |
| Manobianca, Zoccolella et al. 201034 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Dalal, Malik et al. 200835 Rothwell, Coull et al. 200436 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Minelli, Fen et al. 200737 |  | N/A | N/A |  | N/A | 85.2% |  |  | 5 |
| Carlsson, Wilsgaard et al. 201638 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Kleindorfer, Khoury et al. 201039 Kissela, Khoury et al. 201240 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Corso, Bottacchi et al. 200941 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Groppo, De Gennaro et al. 201242 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Dalal, Malik et al. 200835 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Cabral, Freire et al. 201743 Cabral, Goncalves et al. 200944,45 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Kelly, Crispino et al. 201246 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Amiri, Kapral et al. 201847 Azarpazhooh, Etemadi et al. 201048 |  | N/A | N/A |  | N/A | / |  |  | 4 |
| Boden-Albala, Allen et al. 201749 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Kolominsky-Rabas, Wiedmann et al. 201516 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Palm, Henschke et al. 201350  |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Janes, Gigli et al. 201351 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Pikija, Cvetko et al. 201252 |  | N/A | N/A |  | N/A | 87% |  |  | 5 |
| Li, Lou et al. 201531 Wang, Bai et al. 201632 Wang, Ning et al. 201433 |  | N/A | N/A |  | N/A | / |  |  | 5 |
| Melina Gattellari et al. 202053 |  | N/A | N/A |  | N/A | / |  |  | 4 |
| Neelamegam, Looi et al. 201354 |  | N/A | N/A |  | N/A | / |  | / | 3 |
| Correia, Magalhaes et al. 201717 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Cabral, Freire et al. 201743 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Stranjalis, Kalamatianos et al. 201455 |  | N/A | N/A |  | N/A | 92.4% |  |  | 5 |
| Tsivgoulis, Patousi et al. 201856 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Takashima, Arima et al. 201757 |  | N/A | N/A |  | N/A | / |  |  | 4 |
| Samarasekera, Fonville et al. 201558 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Okon, Adebobola et al. 201559 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Sacco, Ornello et al. 201660 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Pandian, Singh et al. 201661 |  | N/A | N/A |  | N/A | / |  |  | 4 |
| Olindo, Chausson et al. 201462 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Yiping Chen et al. 202063 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Wang, Jiang et al. 201764 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Walid Saliba et al. 201965 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Cabral, Freire et al. 201743 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Nzwalo, Nogueira et al. 201766 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Cesar Minelli et al. 202067 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Peter Appelros et al. 201968 |  | N/A | N/A |  | N/A |  |  |  | 5 |

**Table 2: Quality assessment of the included survival-related studies according to the Newcastle Ottawa Scale**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Studies | Selection | Comparability | Outcome | Total |
|  | Representativeness of the Exposed Cohort (all population-based studies) | Selection of the Non-Exposed Cohort | Ascertainment of Exposure（ICH） | 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(Death) | Was Follow-Up Long Enough for Outcomes to Occur | Adequacy of Follow Up of Cohorts |
| Thrift et al., 20012 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Di Carlo et al., 20033 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Sacco et al., 20094 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Hillen et al., 200369 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Thrift et al., 200911 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Syme et al., 200514 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Vibo et al., 200770 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Hansen et al., 201371 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Reem Waziry et al., 202072 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| McCormick and Chen, 201673 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| van Beijnum et al., 200974 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Shoeibi et al., 201575 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Palm et al., 201350 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Desikan et al., 201676 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Farzadfard et al., 201877 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Samarasekera et al., 201558 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Oie et al., 201878 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Tsivgoulis et al., 201879 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Nzwalo et al., 201880 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Olindo et al., 201781 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Takashima et al., 201882 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Sacco et al., 201660 |  | N/A | N/A |  | N/A |  |  |  | 5 |
| Cabral et al., 201883Cabral et al., 201584 |  | N/A | N/A |  | N/A |  |  |  | 5 |

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