

Summary of quality assessment

Cohort studies

| Study | Similarity of the two groups | Similarity of the exposure measure | Validity and reliability of exposure measure | Identified confounding factors | Strategies to deal with confounding factors | Freedom from the outcome at the start of the study | Validity and reliability of outcome measure | Follow up time | Completion of follow-up | Strategies to address incomplete follow-up | Appropriateness of statistical analysis |
|-----------|------------------------------|------------------------------------|--|--------------------------------|---|--|---|----------------|-------------------------|--|---|
| Y-kzv2011 | + | + | + | + | ? | - | + | - | + | - | + |
| F-owy2022 | + | + | + | + | + | - | + | ? | ? | ? | + |

Case-control studies

| Study | Comparability of disease or in the absence of this | Appropriate match of cases and controls | Used of same criteria for identification of cases and controls | Validity and reliability of exposure measure | Similarity of the exposure measure | Identified confounding factors | Strategies to deal with confounding factors | Validity and reliability of outcome measure | Exposure period time | Appropriateness of statistical analysis |
|------------|--|---|--|--|------------------------------------|--------------------------------|---|---|----------------------|---|
| G-lso2018 | + | + | + | ? | + | + | + | ? | ? | + |
| G-qtr-2019 | + | + | + | + | + | ? | ? | + | + | + |
| E-mbz2011 | + | + | + | + | + | ? | ? | - | + | + |
| W-hjp2010 | + | + | + | + | + | ? | ? | + | + | + |

Cross-sectional studies

| Study | Clear definition of inclusion criteria | Detailed description of the sample and the setting | Validity and reliability of exposure measure | Objectiveness of condition measurement | Identified confounding factors | Strategies to deal with confounding factors | Validity and reliability of outcome measure | Appropriateness of statistical analysis |
|--------------|---|---|---|---|---------------------------------------|--|--|--|
| P-tdz2004 | ? | - | ? | + | + | + | + | + |
| H-lnb2008 | + | + | + | ? | - | - | + | + |
| K-xim2011 | + | + | + | ? | - | - | + | + |
| B-ang2007 | + | + | + | + | ? | ? | + | + |
| V-cse2010 | + | + | + | + | ? | ? | + | + |
| G-jfo2012 | + | - | ? | + | + | + | + | + |
| S-tre2013 | + | + | + | + | - | - | + | + |
| G-yqw2016 | + | - | + | + | + | + | + | ? |
| C-dte2010 | + | + | + | + | + | ? | + | + |
| E-msn2018 | + | + | + | + | + | - | + | + |
| S-hig2013 | + | ? | + | + | - | - | + | + |
| H-uve2017 | ? | ? | + | + | + | + | + | ? |
| G-sk2018 | + | + | + | ? | - | - | + | + |
| L-qua2017 | + | + | + | + | ? | ? | + | + |
| J-scu2020 | + | ? | + | + | + | - | + | + |
| A-mia2021 | ? | + | + | ? | + | + | + | + |
| A-scia2021 | + | ? | + | ? | + | + | + | + |
| R-phl2021 | + | + | + | ? | + | - | + | + |
| D-wgn2021 | + | + | + | + | + | ? | + | + |