**Methodological quality assessment**

Table S1: Methodological quality assessment of cohort studies using Newcastle - Ottawa Scale (NOS)

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| First author, publication year | Criteria |  |
| **Selection** | **Comparability** | **Outcome** |  |
| **Representativeness of the exposure** | **Selection of the non-exposed**  | **Ascertainment of exposure** | **Demonstration that outcome of interest was not present at start of study** | **Study controls for most important factor(s)** | **Study controls for second important factor(s)** | **Assessment of outcome** | **Was follow-up long enough for outcomes to occur** | **Adequacy of follow up of cohorts** | **Total score** |
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*Note: each item account 1 point.* Studies with less than seven star-items were considered low quality and those with seven star-items or more were considered high quality.

Table S1: Methodological quality assessment of case-control studies using Newcastle - Ottawa Scale (NOS)

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| **First author, publication year** | **Criteria** |  |
| **Selection** | **Comparability** | **Exposure** |  |
| **Adequacy of case definition** | **Representativeness of the cases** | **Selection of Controls** | **Definition of Controls** | **Study controls for most important factor(s)** | **Study controls for second important factor(s)** | **Ascertainment of exposure** | **Same method of ascertainment for cases and controls** | **Non-Response rate** | **Total score** |
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*Note: each item account 1 point.* Studies with less than seven star-items were considered low quality and those with seven star-items or more were considered high quality.

Table S1 Continued: Methodological quality assessment of cross-sectional studies using Newcastle - Ottawa Scale (NOS)

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| **First author, publication year** | Criteria |  |
| **Selection** | **Comparability** | **Outcome** |  |
| **Representativeness of the sample** | **Non-respondents** | **Sample size** | **Ascertainment of the exposure (risk factor)** | **The study controls for the most important factor** | **The study control for any additional factor** | **Assessment of the outcome** | **Statistical test** |  | **Total score** |
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*Note: each item account 1 point.* Studies with less than seven star-items were considered low quality and those with seven star-items or more were considered high quality.