

**SUPPLEMENTARY MATERIAL**

|         |  | Risk of bias |    |    |    |    |    |   |
|---------|--|--------------|----|----|----|----|----|---|
|         |  | D1           | D2 | D3 | D4 | D5 | D6 | 7 |
| Study 1 |  | +            | +  | +  | +  | X  | +  | + |
| Study 2 |  | +            | +  | +  | +  | +  | +  | + |
| Study 3 |  | X            | -  | X  | +  | +  | +  | - |
| Study 4 |  | +            | +  | +  | +  | +  | +  | + |
| Study 5 |  | +            | +  | +  | +  | +  | +  | + |
| Study 6 |  | +            | +  | +  | +  | +  | +  | + |
| Study 7 |  | -            | -  | +  | +  | +  | -  | - |
| Study 8 |  | -            | +  | -  | +  | +  | +  | - |

D1: 1  
D2: 2  
D3: 3  
D4: 4  
D5: 5  
D6: 6

Critical Appraisal  
X High  
- Unclear  
+ Low

**Figure S1 – Quality assessment based on JBI Critical Appraisal Checklist for Cross Sectional Studies**

Table S1 – Quality assessment based on JBI Critical Appraisal Checklist for Cohort Studies

| Article ID | Was the exposure measured in a valid and reliable way? | Were confounding factors identified? | Were strategies to deal with confounding factors stated? | Were the outcomes measured in a valid and reliable way? | Was follow up complete, and if not, were the reasons to loss to follow up described and explored? | Were strategies to address incomplete follow up utilized? | Was appropriate statistical analysis used | OVERALL APPRAISAL |
|------------|--|--------------------------------------|--|---|---|---|---|-------------------|
| K          | 3  | 3                                    | 1  | 3   | 3   | 3   | 3   | 19                |