

## Appendix A – Tables 1 and 2

**Table 1:** Search strings used in the different databases.

| Database       | Search strings   | Number of results |
|----------------|--|-------------------|
| Pubmed         | ((cocaine[Title/Abstract]) OR (crack[Title/Abstract]) OR (coke[Title/Abstract]) OR (coca leaves[Title/Abstract]) OR (cocaine smoking[Title/Abstract]) OR (crack smoking[Title/Abstract]) OR (Cocaine-Related Disorders [Title/Abstract])) AND ((Sudden Infant Death[Title/Abstract]) OR (Sudden Infant Death Syndrome[Title/Abstract]) OR (sids[Title/Abstract]) OR (Crib Death[Title/Abstract]) OR (Cot Death[Title/Abstract])) | 47                |
| Embase         | ('cocaine':ab,ti OR 'crack':ab,ti OR 'coke':ab,ti OR 'coca leaves':ab,ti OR 'cocaine smoking':ab,ti OR 'crack smoking':ab,ti OR 'cocaine-related disorders':ab,ti) AND ('sudden infant death':ab,ti OR 'sids':ab,ti OR 'cot death':ab,ti OR 'crib death':ab,ti)  | 57                |
| Web of Science | (AB=(cocaine) OR AB=(crack) OR AB=(coke) OR AB=('coca leaves') OR AB=('cocaine smoking') OR AB=('crack smoking') OR AB=('cocaine-related disorders')) AND (AB=(sudden infant death) OR AB=(sids) OR AB=(cot death) OR AB=(crib death))   | 45                |
| Scopus         | ( TITLE-ABS-KEY ( cocaine ) OR TITLE-ABS-KEY ( crack ) OR TITLE-ABS-KEY ( coke ) OR TITLE-ABS-KEY ( coca AND leaves ) OR TITLE-ABS-KEY ( cocaine AND smoking ) OR TITLE-ABS-KEY ( crack AND smoking ) OR TITLE-ABS-KEY ( cocaine-related AND disorders )) AND ( TITLE-ABS-KEY ( sudden AND infant AND death ) OR TITLE-ABS-KEY ( sids ) OR TITLE-ABS-KEY ( cot AND death ) OR TITLE-ABS-KEY ( crib AND death ) )                 | 145               |
| LILACS         | ((cocaine) OR (crack) OR (coke) OR (coca leaves) OR (cocaine smoking) OR (crack smoking) OR (cocaine-related disorders)) AND ((sudden infant death) OR (sids) OR (cot death) OR (crib death))  | 3                 |

**Table 2:** Risk-of-bias assessment criteria from critical appraisal tools recommended by The Joanna Briggs Institute.<sup>10</sup>

| <b>Criteria</b>                | <b>Meaning</b>  |
|--------------------------------|---|
| <i>Cohort studies</i>          |   |
| 1                              | Were the two groups similar and recruited from the same population?   |
| 2                              | Were the exposures measured similarly to assign people to both exposed and unexposed groups?                  |
| 3                              | Was the exposure measured in a valid and reliable way?  |
| 4                              | Were confounding factors identified?  |
| 5                              | Were strategies to deal with confounding factors stated?  |
| 6                              | Were the groups/participants free of the outcome at the start of the study (or at the moment of exposure)?    |
| 7                              | Were the outcomes measured in a valid and reliable way?   |
| 8                              | Was the follow up time reported and sufficient to be long enough for outcomes to occur?                       |
| 9                              | Was follow up complete, and if not, were the reasons to loss to follow up described and explored?             |
| 10                             | Were strategies to address incomplete follow up utilized?   |
| 11                             | Was appropriate statistical analysis used?  |
| <i>Case-control studies</i>    |   |
| 1                              | Were the groups comparable other than the presence of disease in cases or the absence of disease in controls? |
| 2                              | Were cases and controls matched appropriately?  |
| 3                              | Were the same criteria used for identification of cases and controls?   |
| 4                              | Was exposure measured in a standard, valid and reliable way?  |
| 5                              | Was exposure measured in the same way for cases and controls?   |
| 6                              | Were confounding factors identified?  |
| 7                              | Were strategies to deal with confounding factors stated?  |
| 8                              | Were outcomes assessed in a standard, valid and reliable way for cases and controls?                          |
| 9                              | Was the exposure period of interest long enough to be meaningful?   |
| 10                             | Was appropriate statistical analysis used?  |
| <i>Cross-sectional studies</i> |   |
| 1                              | Were the criteria for inclusion in the sample clearly defined?  |
| 2                              | Were the study subjects and the setting described in detail?  |
| 3                              | Was the exposure measured in a valid and reliable way?  |
| 4                              | Were objective, standard criteria used for measurement of the condition?                                      |
| 5                              | Were confounding factors identified?  |
| 6                              | Were strategies to deal with confounding factors stated?  |
| 7                              | Were the outcomes measured in a valid and reliable way?   |
| 8                              | Was appropriate statistical analysis used?  |