Supplementary Table 1: Database performance for all publications in order of sensitivity

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Records retrieved | Relevant records retrieved | Sensitivity (n=82) | Unique relevant records | Precision | Number Needed to Read (NNR) | Sensitivity\*Precision |
| Science Citation Index (SCI) | 1302 | 51 | 62% | 8  | 4%  | 26 | 2.44% |
| EMBASE | 1542 | 51 | 62%  | 7  | 3%  | 30 | 2.06% |
| MEDLINE | 827 | 46 | 56%  | 0  | 6%  | 18 | 3.12% |
| PubMED | 1176 | 46 | 56% | 0 | 4% | 26 | 2.19% |
| CENTRAL | 218 | 21 | 26%  | 2  | 10%  | 10 | 2.47% |
| ToxFile | 204 | 17 | 21%  | 0  | 8%  | 12 | 1.73% |