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

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 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% |