Table 1. Sample spreadsheet for estimating predictive values of search algorithm hits

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| **Stipulated Algorithm Properties properties:** |
| **Sensitivity (percentage of true positives identified as positive):** | 99  | % False negatives:  | 1  |
| **Specificity (percentage of true negatives identified as negative):** | 99  | % False positives:  | 1  |

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| **Results for  100,000 true positives among 7,000,100, 000 total in database** |
|  | Identified as  positive  | Identified as negative  |   |
| **True positives** | 99000  | 1000  | 100 000  |
| **True negatives** | 70000000  | 6930000000  | 7000000000  |
| **Sum identified pos/neg** | 70099000  | 6930001000  | 7000100000  |
| **Predictive values****(percentage true pos/neg****among all so identified)** | Pred.val. pos.:0,141228834   | Pred.val. neg.: 99,99998557  |  |