**Supplementary Table 1**

Search Keywords and operationalization in two databases

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| --- | --- |
| Key words | Machine learning, machine intelligence, algorithms, machine models, artificial intelligence, deep learning, neural networks, machine classifiers, cancer, oncology, malignancy, neoplasms |
| PubMed/Medline | (machine learning OR machine intelligence OR artificial intelligence OR deep learning OR natural language processing OR machine classifiers OR neural network OR machine algorithms OR machine models) AND (cancer OR oncology OR malignancy OR neoplasms) |
| Web of science | (machine learning OR machine intelligence OR artificial intelligence OR deep learning OR natural language processing OR machine classifiers OR neural network OR machine algorithms OR machine models) AND (cancer OR oncology OR malignancy OR neoplasms)  |
| Scopus | (machine learning OR machine intelligence OR artificial intelligence OR deep learning OR natural language processing OR machine classifiers OR neural network OR machine algorithms OR machine models) AND (cancer OR oncology OR malignancy OR neoplasms) |

**Supplementary Table 2**

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| **SN** | **STUDIES** |
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