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// AIDA *vs.* Relativity *vs.* Brainspace *vs.* NexLP

Benchmarking AIDA

Importance of head-to-head comparison

In the field of Technology Assisted Review (TAR), head-to-head comparisons between state-of-the-art TAR systems have never been scientifically studied. Doing such study in real time is challenging as it requires running parallel independent human reviews – doing so is prohibitive in cost and time. This is the first of its kind benchmarking study that runs multiple TAR systems in parallel on fully tagged historical cases.

Methodology

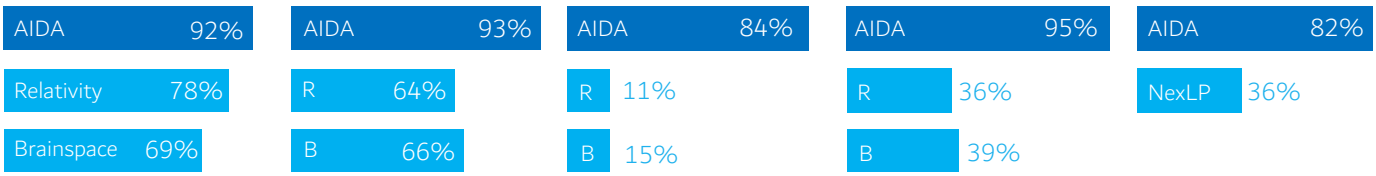
We took five diverse cases, involving a diverse set of clients and litigation categories. The data is representative of the wide range of richness present in larger cases where TAR is typically used. Because these are historical cases, we were able to evaluate the true performance of the different TAR systems compared to fully manual review (for cases with incomplete reviews, the performance can only be estimated based on small control samples). This document compares AIDA with three leading TAR platforms: Relativity Assisted Review (RAR), Brainspace and NexLP (NexLP data is available only on one case).

Case 1	Case 2	Case 3	Case 4	Case 5
A large international financial services firm involved in M&A litigation	A large metals & mining corporation involved in M&A litigation	A large construction materials company involved in M&A litigation	A large consumer corporation involved in public controversy (privilege-only review)	An internal investigation of a large insurance company

Case Size

Case 1	Case 2	Case 3	Case 4	Case 5
101,275	471,443	33,299	109,366	730,689

Review Time Saving over Fully Manual Review



Relativity uses Coverage Review; Brainspace uses Diverse Active Learning; NexLP uses COSMIC.
Cases 1-4 use a Recall 99% and Precision 90% cutoff; Case 5 use a Recall 95% and Precision 90% cutoff.

Conclusion

The benchmarking study reveals that when compared to fully manual review, AIDA is 10x faster to finish review in average; when comparing to TAR systems AIDA is 3x to 12x faster. AIDA also consistently outperforms competitors across a wide range of richness, including very low richness settings - giving confidence that AIDA's performance gains generalize to cases of all sizes.

Richness: percentage of the collection that is responsive/privileged

Recall: percentage of all responsive/privileged documents that were predicted correctly

Precision: percentage of documents predicted responsive/privileged that were predicted correctly