

Electronic Discovery

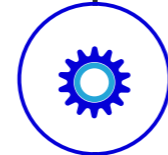
May 2020

PRESENTED BY:
LAURA O'GORMAN





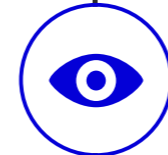
Collect



Process



Cull



Review



Produce

See edrm.net for the full e-Discovery Reference Model ("EDRM")

COLLECT

Electronic devices



Cloud



Forensic



Printing /
Scanning



Method

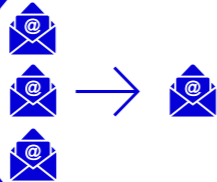


PROCESS

De-nisting



De-duping



Conversion



Metadata

001110
010111
111011

Loadfiles



CULL

Keywords



Metadata

010111
001110
111011

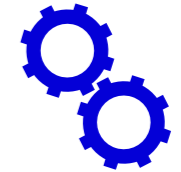
Clustering



Concept searching



Advanced
analytics



REVIEW

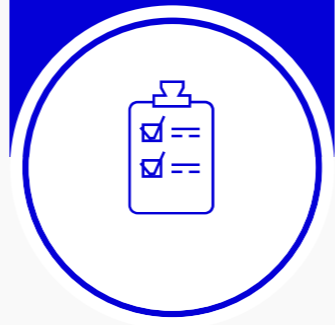
Relevance



Privilege



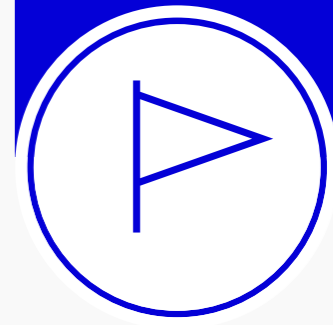
Quality control



Issues



Hot documents



TAR 1.0 vs 2.0 ("CAL")

Sample Set

Initial sample set to train, then applied once stable

Simple Learning

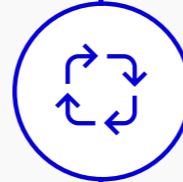
Passive (random) or Active selection of initial seed set

Setup Delay

Review team delayed until sample process complete

Costly

High upfront cost to implement using SMEs, justified in large cases



Full review

Begin using normal efficient methods

Continuous Active Learning

Algorithms operate continuously, can add documents to review set

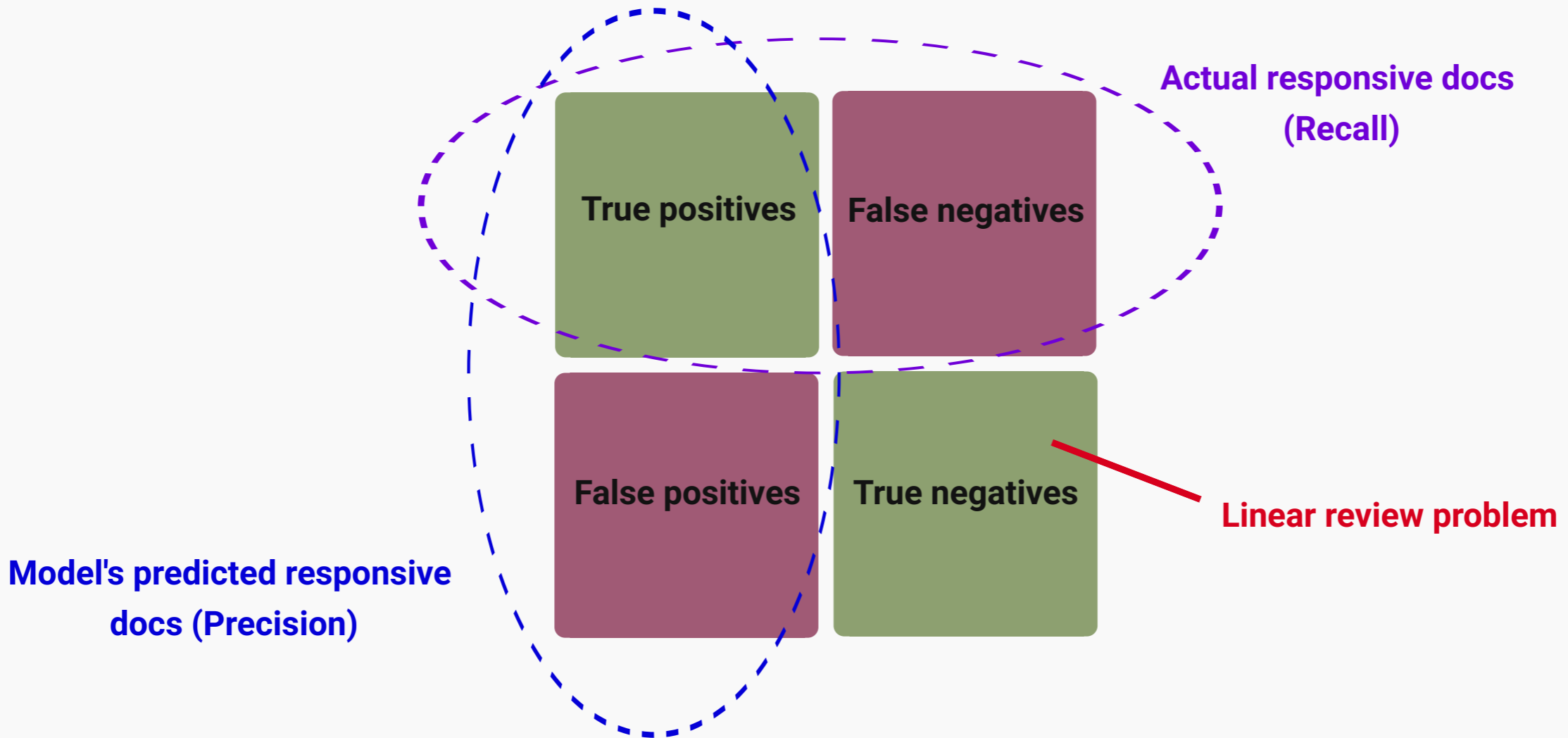
Optimum Marginal Productivity

Immediate best efficiency, diminishing returns identifiable

Efficient

Often included in platforms that make review most efficient

CAL Metrics



CAL Metrics

Search



Recall (R)

% of relevant documents predicted as responsive by the model (shortfall shows responsive documents not found, or false negatives)

Proportionate



Precision (P)

% of model predictions that are actually relevant (shortfall shows the number of false positives that will nevertheless be eyeball reviewed)

Balancing



F1

Measure to balance finding the responsive documents without reviewing too many false positives

$$F1 = 2PR/(P+R)$$

DASHBOARDS



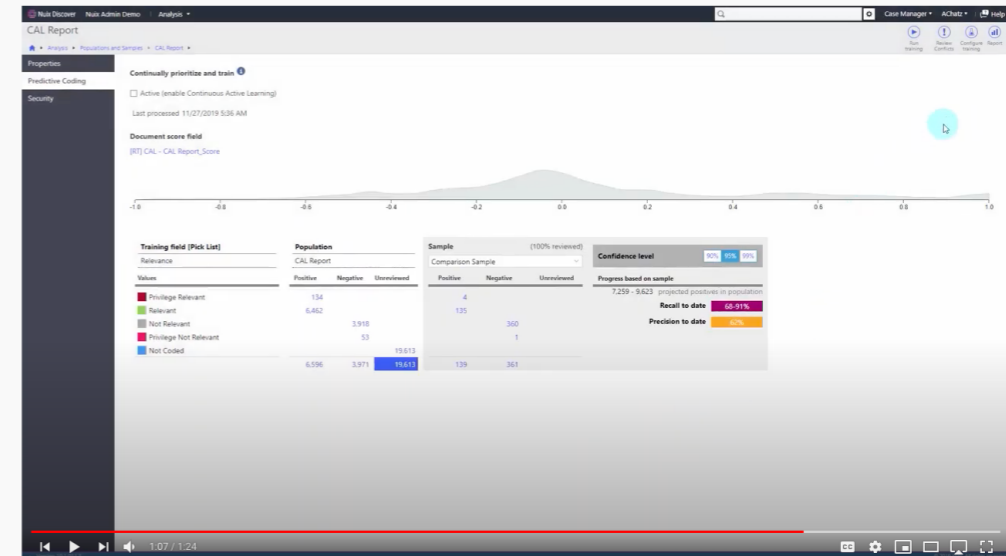
[Analytics] Interpreting Your Predictive Coding Model

456 views · Jul 10, 2018

0 0 SHARE SAVE ...

Youtube: [Everlaw] Interpreting Your Predictive Coding Model [2018]

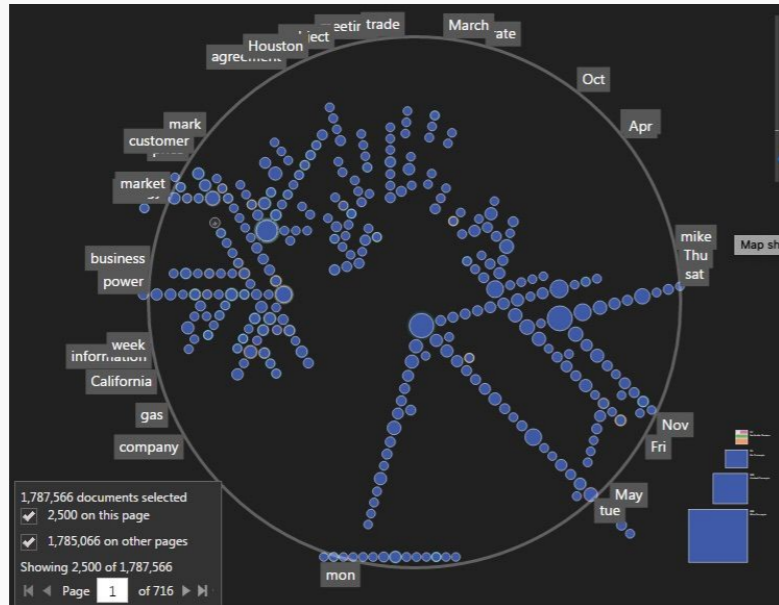
See also Youtube: See What Everlaw Can Do [2018]



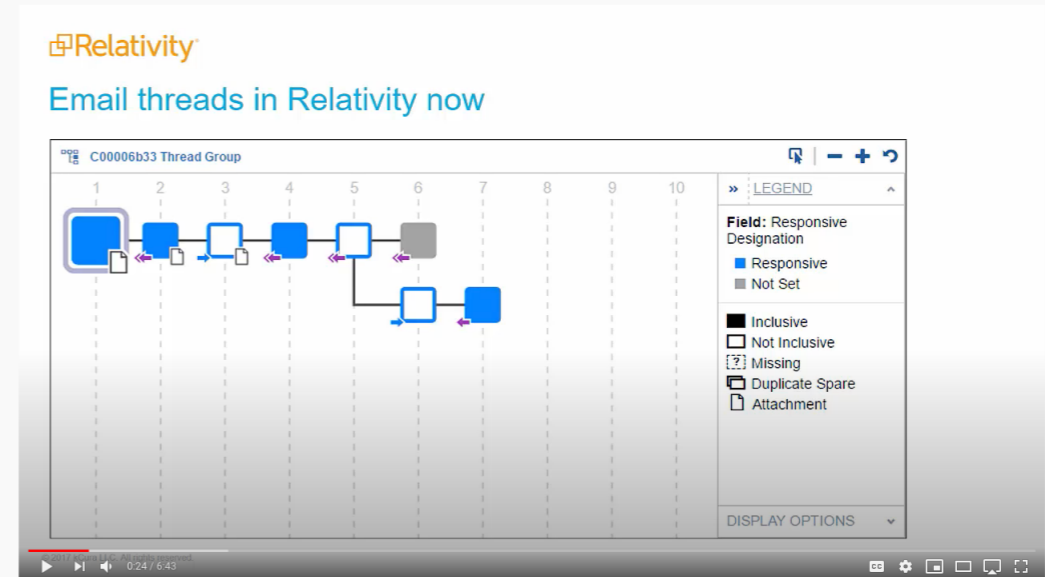
Nuix Discover - Continuous Active Learning

Youtube: Nuix Discover - Continuous Active Learning

DASHBOARDS



Clustering



What's New - Email Thread Visualization
© Unlited

Email threading

PRODUCE

Number



Stamp



PDFs or native



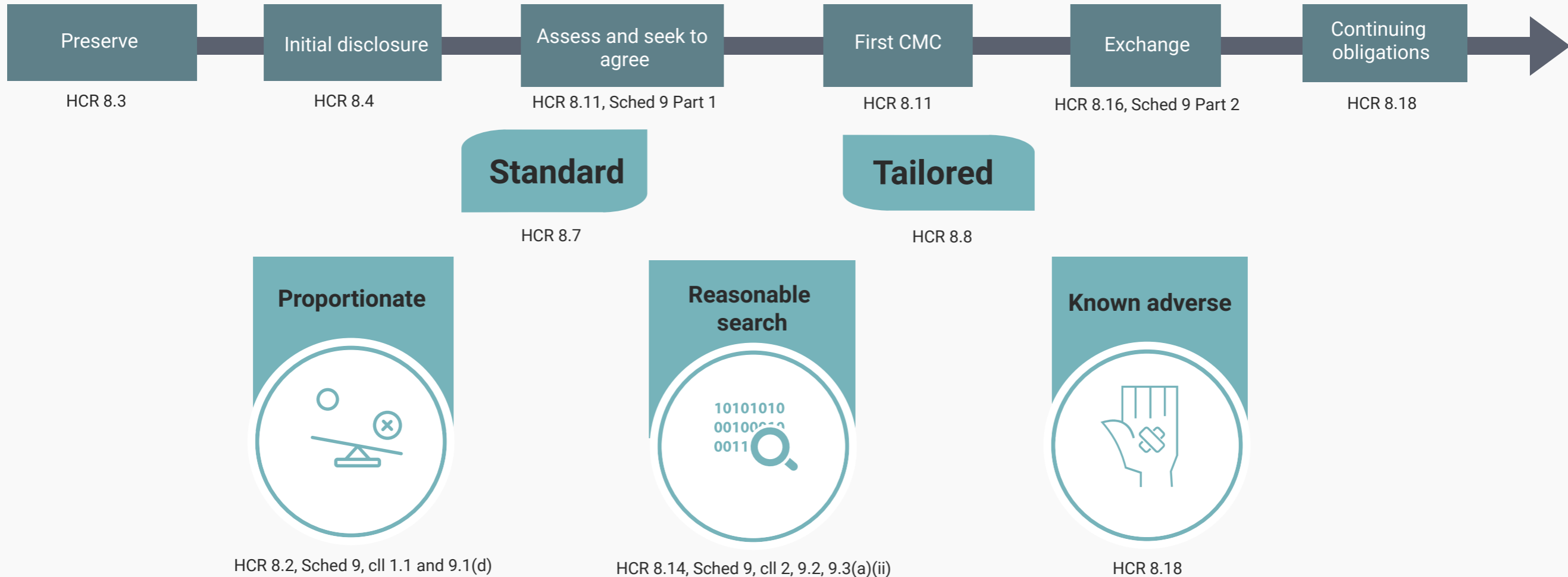
List



Exchange



HIGH COURT RULES





Questions?