Publication ingress

* Get full text of TPPR article as pdf
* Put the article into a specific directory
* Directory is watched by an agent
* Agent initiates an ETL process
* ETL scrapes all content from pdf
* Agent records citation data for article
* Agent extracts methods and results as chinks
* Agent vectorises extracted text into chunks
* Agent updates database tables with new entries
* Ongoing process to take all entries in the database and update prior distributions for sample types
* Distribution metrics are stored in database

At the time of case reporting

* Evidence is recovered from a new case
* Evidence is analysed
* Results are recorded in case notes
* Case circumstances are either manually or automatically added to an LLM interface
* Propositions are added to LLM manually or automated
* API call to LLM agent
* LLM agent extracts key information from the notes
* RAG process retrieves suitable priors from database
* BN agent builds BN from retrieved priors with recorded seed value
* Model parameters are saved as a database entry allowing recreation
* Output is displayed to case manager on demand
* Output is written to pdf on demand

If further propositions are suggested

* Case manager uses an interface to assess other propositions
* Other public data streams are retrieved
* These data are added to priors via the ETL agent.
* Public data priors are retrieved as required
* Priors are added to the BN