Biases and ethics

* Our learning is only as good as the training data that is used

* Training data is often biased

  * Funding biases

  * Historical biases

  * Incompatibilities

Biases and ethics

- Genomic and pathway databases ingest the scientific literature

- The relative volume of literature in various fields is driven by funding

  - Databases are biased to cancer, heart disease and diabetes

  - Good luck if you have a rarer disease to treat