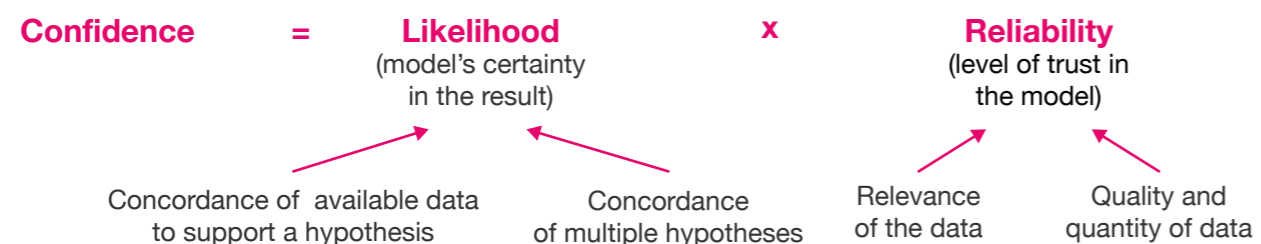


Confidence and Accuracy in Sarah Nexus

1

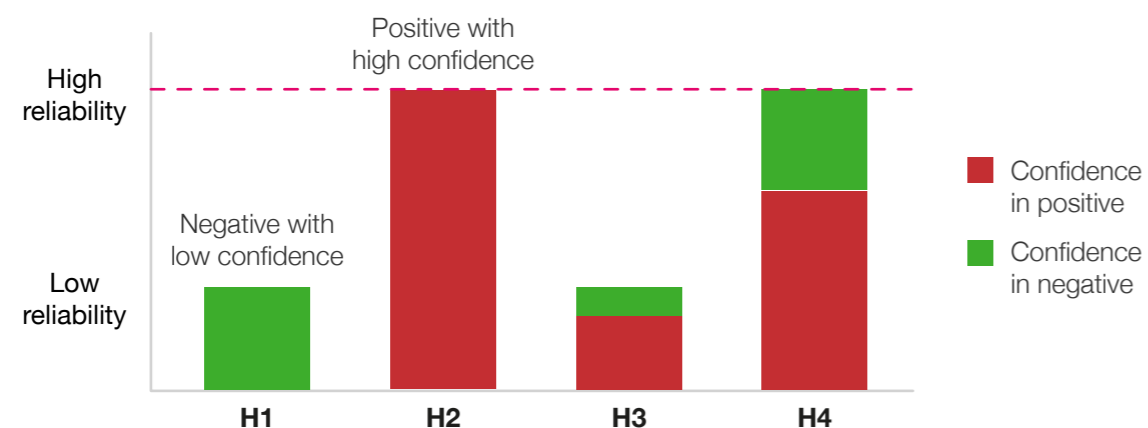
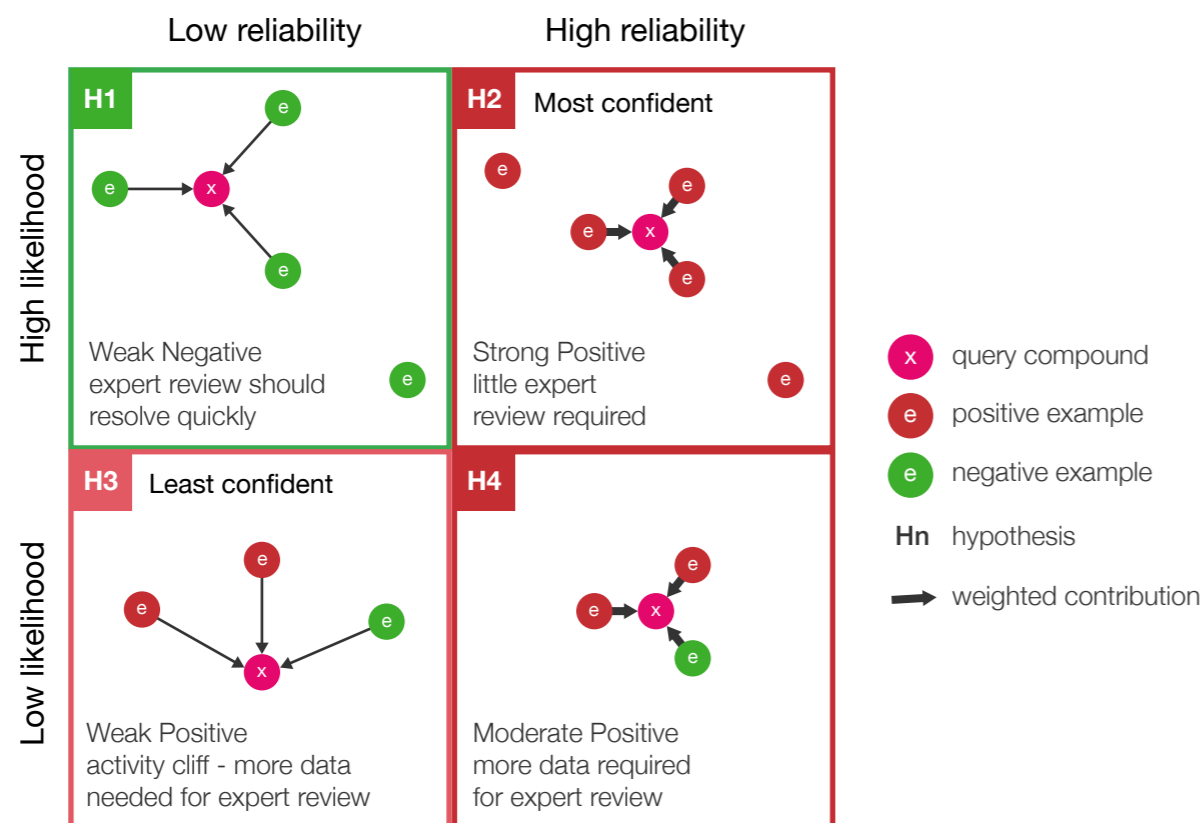
Unlike other systems, **Sarah confidence is not a measure of probability**, it is a confidence in the accuracy of a prediction. This method considers the data used to make the prediction and not just the prediction itself.

As such, a high confidence is correlated to a high accuracy.



2

Confidence of a hypothesis for a given query compound is derived from the similarity and activity of training set examples.



3

Overall confidence considers contribution from relevant hypotheses and examples.

