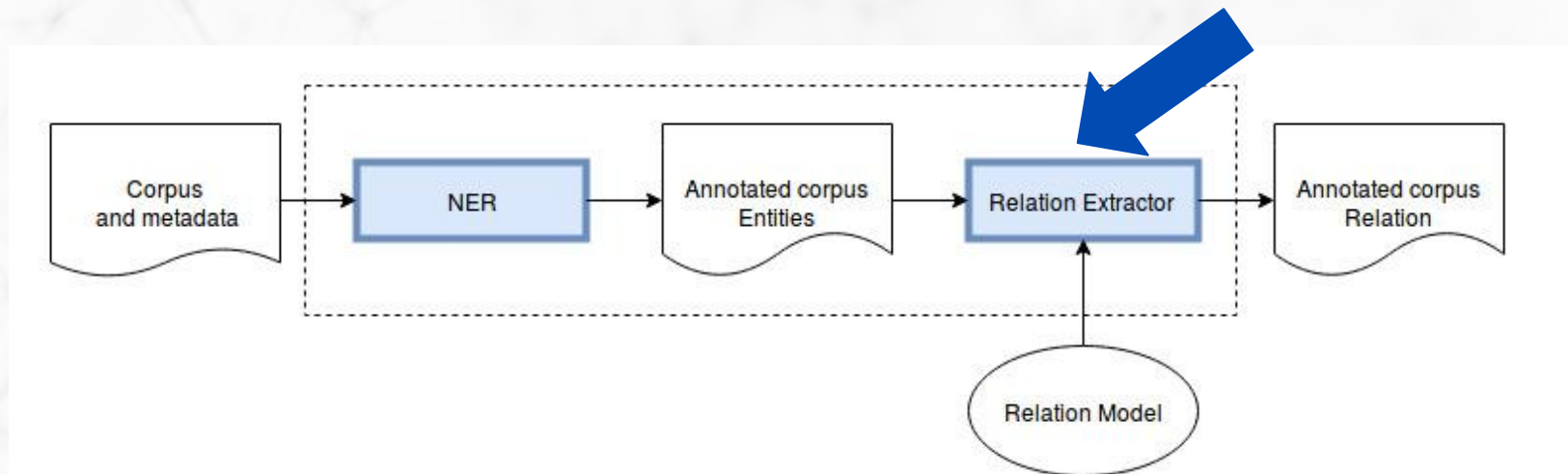


Text-mining methods used for information extraction in plant scientific papers

5. Relation extraction

Relation extraction



Machine learning

Manual annotation of relations can be used to learn methods. The aim is the differentiation of instances where there is a relation and instances where there is none.

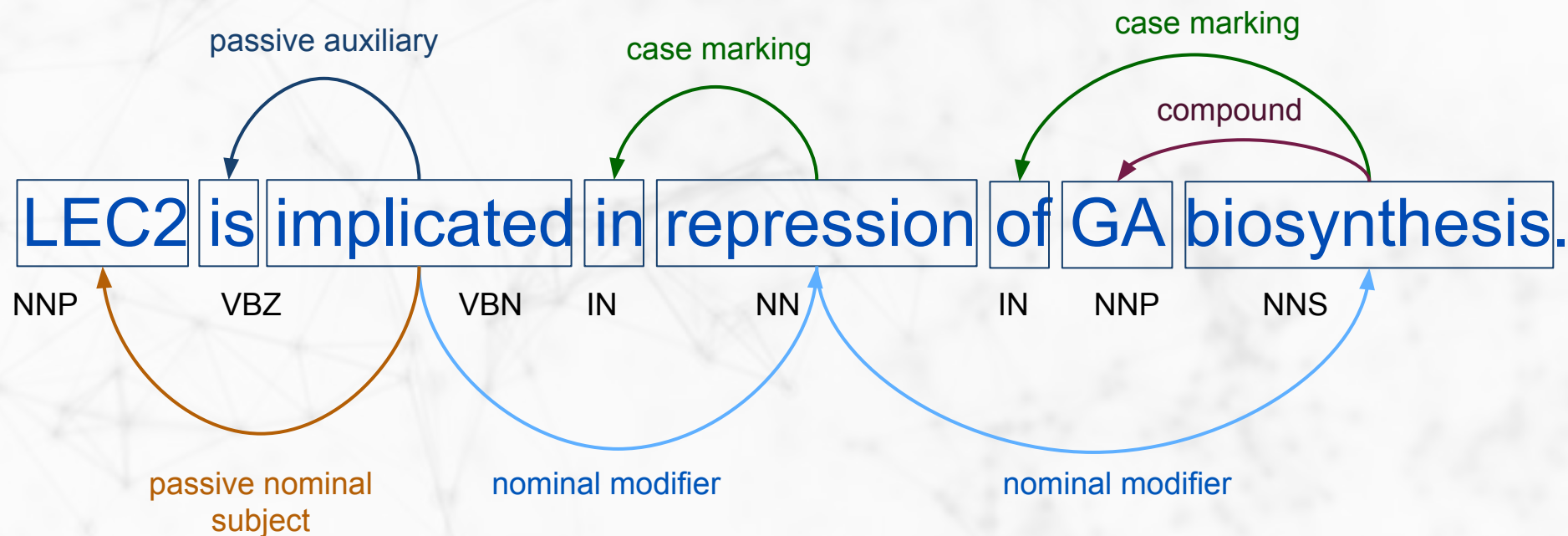
Different algorithms are popular:

- SVM (support vector machines)
- Artificial neural networks (neural networks)

The majority of the systems used rely on syntactic analysis

Syntactic analysis

Example of a syntactic dependency path



(provided by the Stanford Parser)