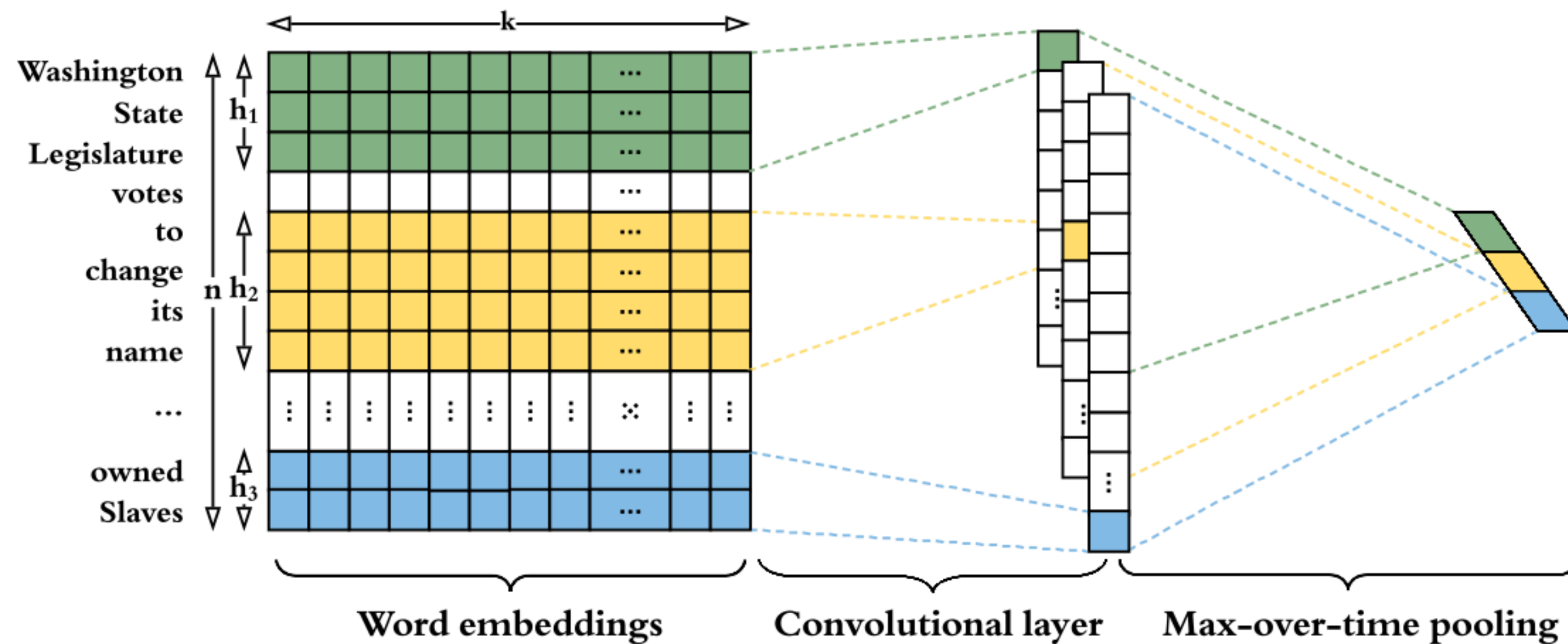


Methodology

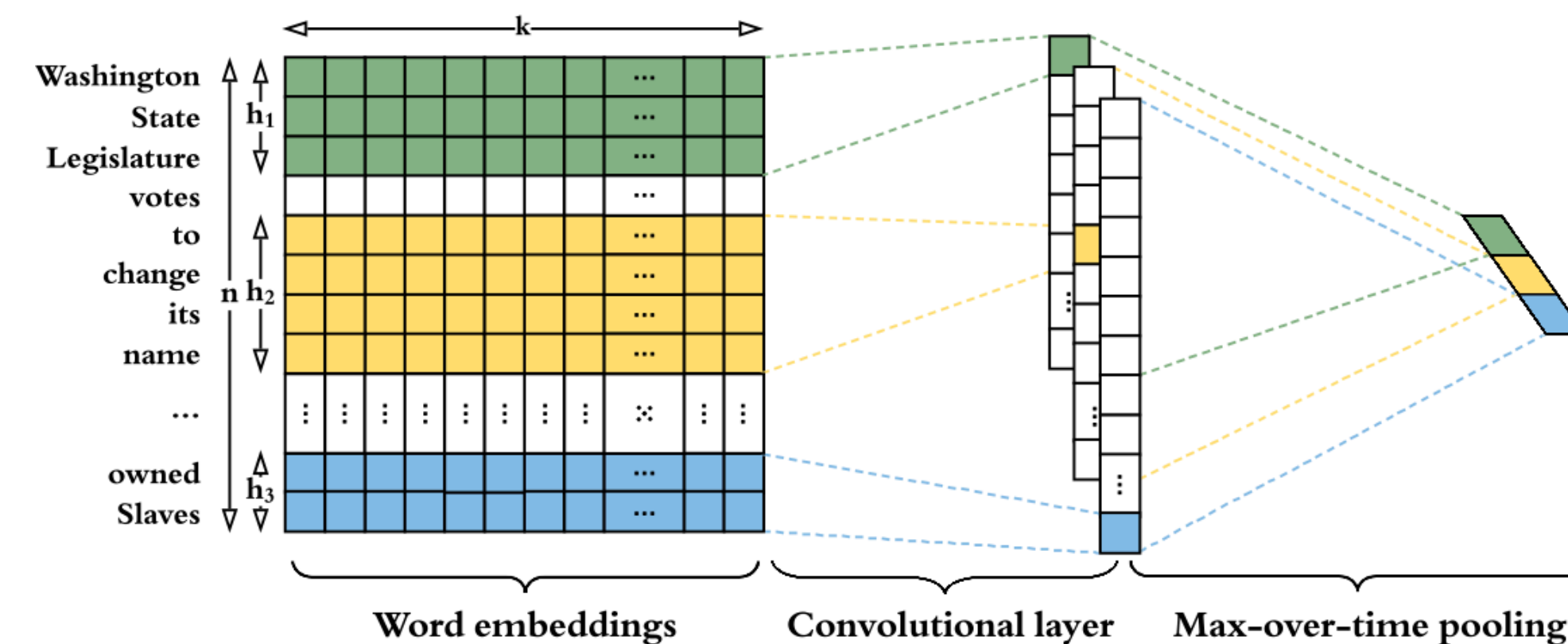
Multi-modal Feature Extraction - Text

- Extend Text-CNN by introducing an additional fully connected layer to automatically extract textual features for each news article.



Methodology

Multi-modal Feature Extraction - Image



- Also use Text-CNN with an additional fully connected layer while we first process visual information within news content using a pre-trained **image2sentence** model.

a red double decker bus driving down a street.



a man is sitting at a table with a cake.



a man riding a surfboard on a wave.

