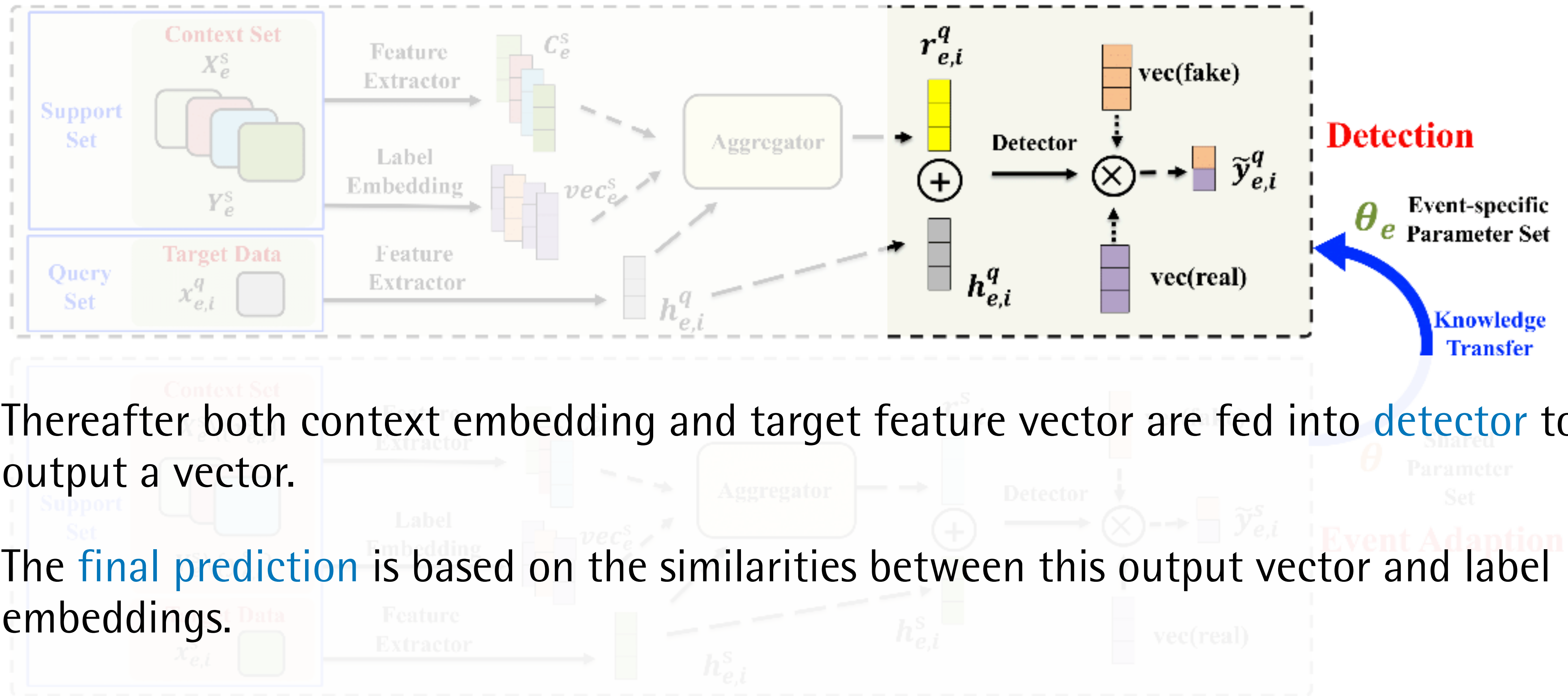


Methodology

Neural Network Architecture



Methodology

Feature Extractor

- Textual feature extractor
 - Text-CNN
 - Use 300-dimensional FastText pre-trained word-embedding
- Visual feature extractor
 - Pre-trained VGG-19
- On the top of extractors, both add a fully connected layer to adjust dimension to d_f
- The output of two extractors are concatenated together to form a **feature vector**.

