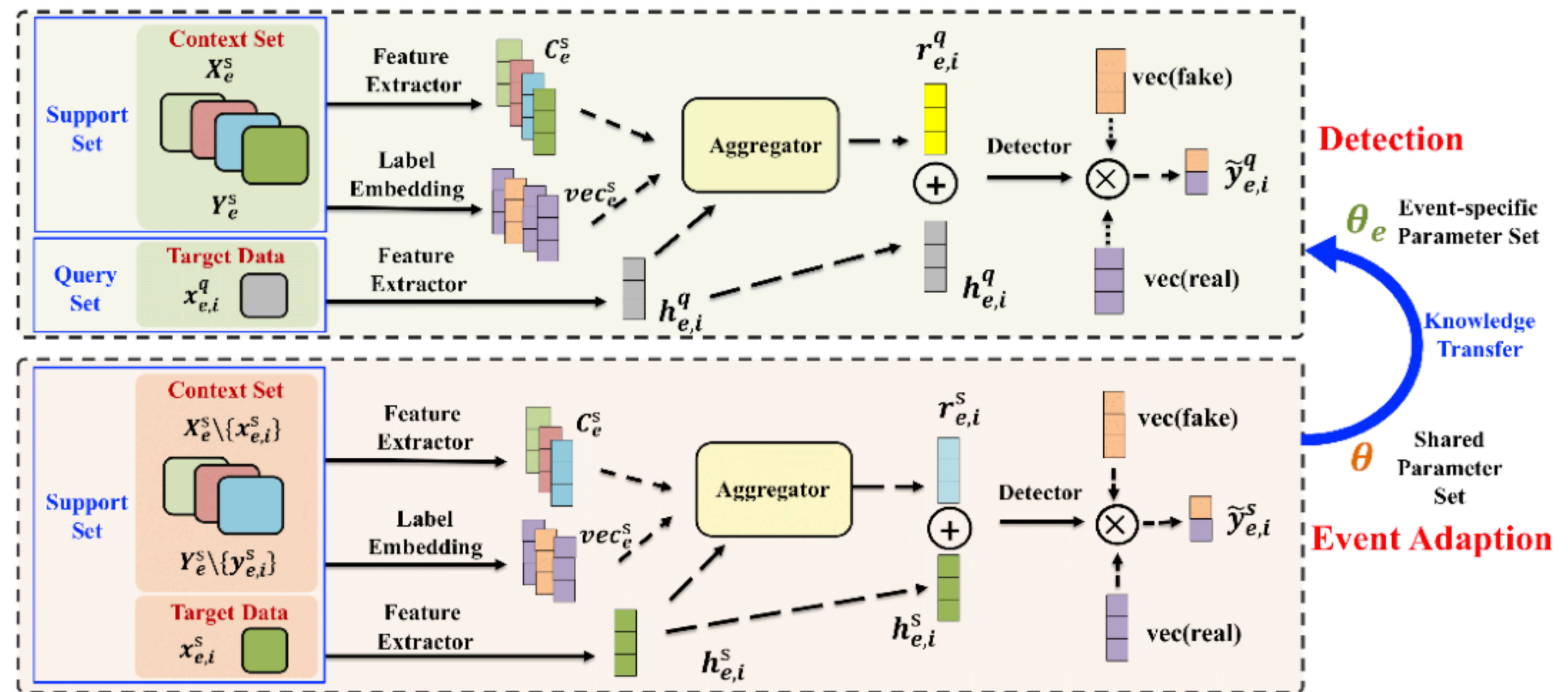


Introduction

Proposed Approach: MetaFEND



Overview of MetaFEND

- Proposed to conduct **leave-one-out prediction** as shown in figure.
- Repeatedly use one of given data as target data and the rest are used as context set for conditioning on all the data support set.
- Therefore, MetaFEND can **handle heterogeneous events** via event adaption parameters and **conditioning on event-specific data** instances simultaneously.

Introduction

Components in MetaFEND

- Incorporate two novel components
 - Label embedding
 - Handle **categorical characteristic** of label information.
 - Hard attention
 - Extract the **most informative instance as conditioning** despite imbalanced class distribution of news events.