Introduction...

Learning the shared features among all the events

- Design an effective model to <u>remove the nontransferable event-specific feature</u> and preserve the shared features among all the events.

- <u>Identify the event-specific features</u> first

  - Posts on different events have their own <u>unique of specific feature that are not sharable.</u>

  - Can be detected by <u>measuring the difference</u> among posts corresponding to different events.

Introduction....
Identify the event-specific features

- It's equivalent to measuring the difference among learned features on different events.

1. Feature representation of posts are <u>high-dimensional</u>

   - Simple metrics like squared error <u>may not be able to estimate</u>.

2. Feature representation <u>keep changing</u> during the training stage.

   - Required the proposed measurement mechanism to capture the changes of feature representations and consistently provide the accurate measurement.