Conclusions and Contribution

- Study the problem of <u>multi-modal content</u> fake news detection

- Overcome the major challenge of fake news detection stems from <u>newly emerged events</u> on which existing approaches only showed unsatisfactory performance.

- First to propose a novel Event Adversarial Neural Network framework which can learn transferable features for unseen events.

- EANN models is a <u>general framework</u>, can be easily replace by different model designed for feature extractions.

Comments

- Focus on adversarial neural network

  - Learned event-invariant representation via event discriminator

- Can apply with other work via replace the feature extractor

- Only use concatenation fusing texture and visual content features

  - Maybe can try use attention mechanism to fuse for stronger feature representation