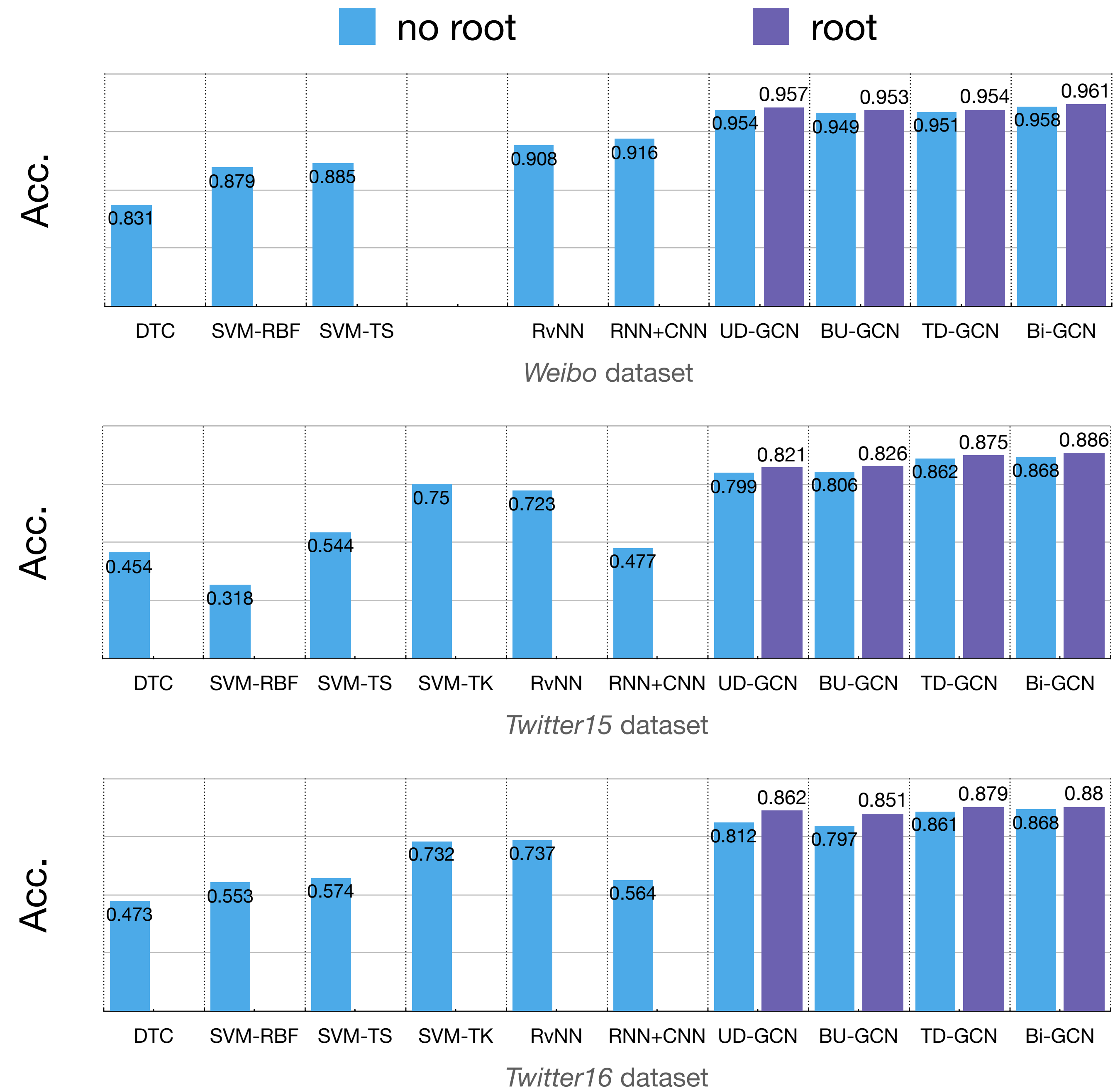


# Experiments

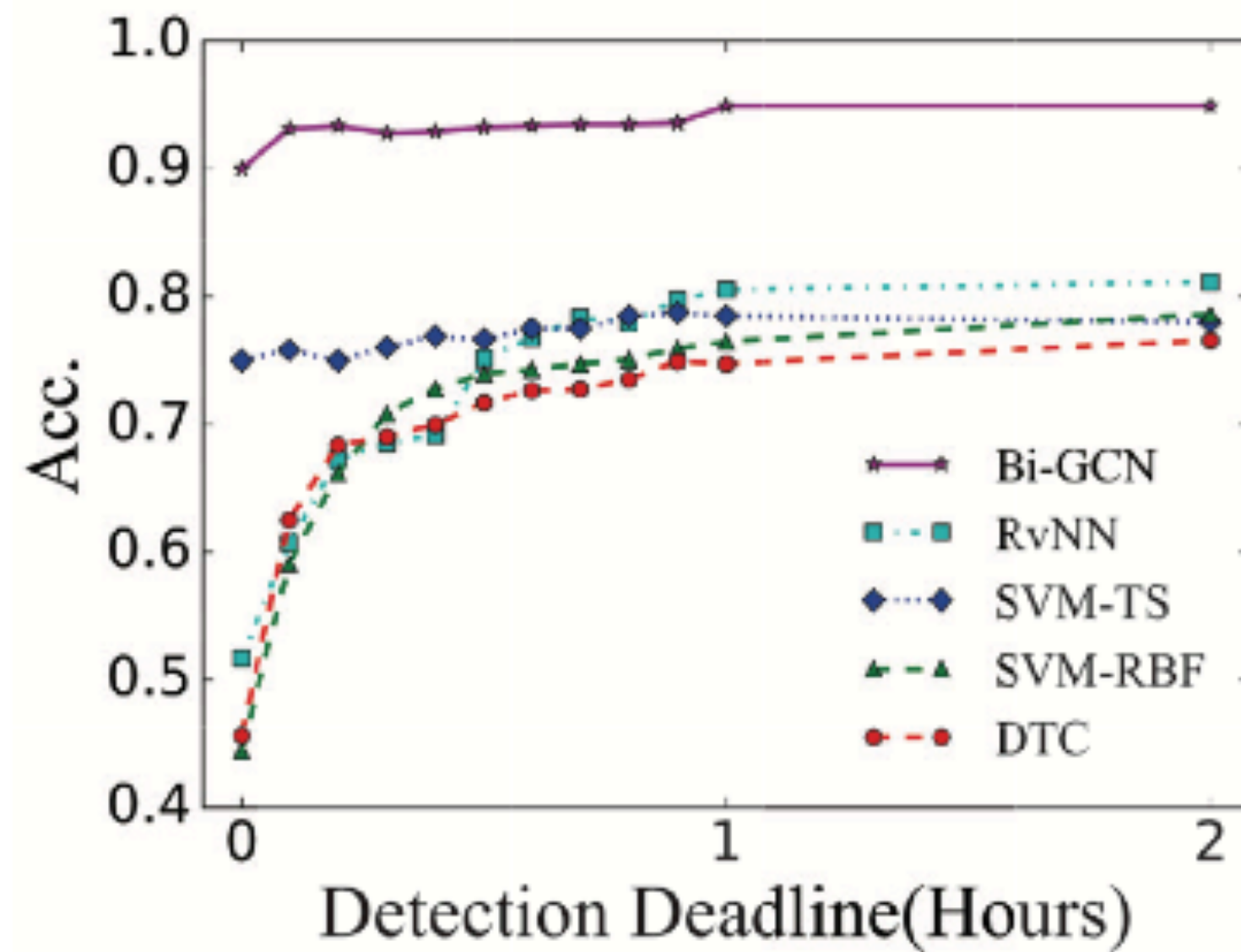
## Ablation Study

- Even the worst result in variants are **better** than those of other baseline methods by a large gap.
- Again verifies the **effectiveness of graph convolution** for rumor detection.

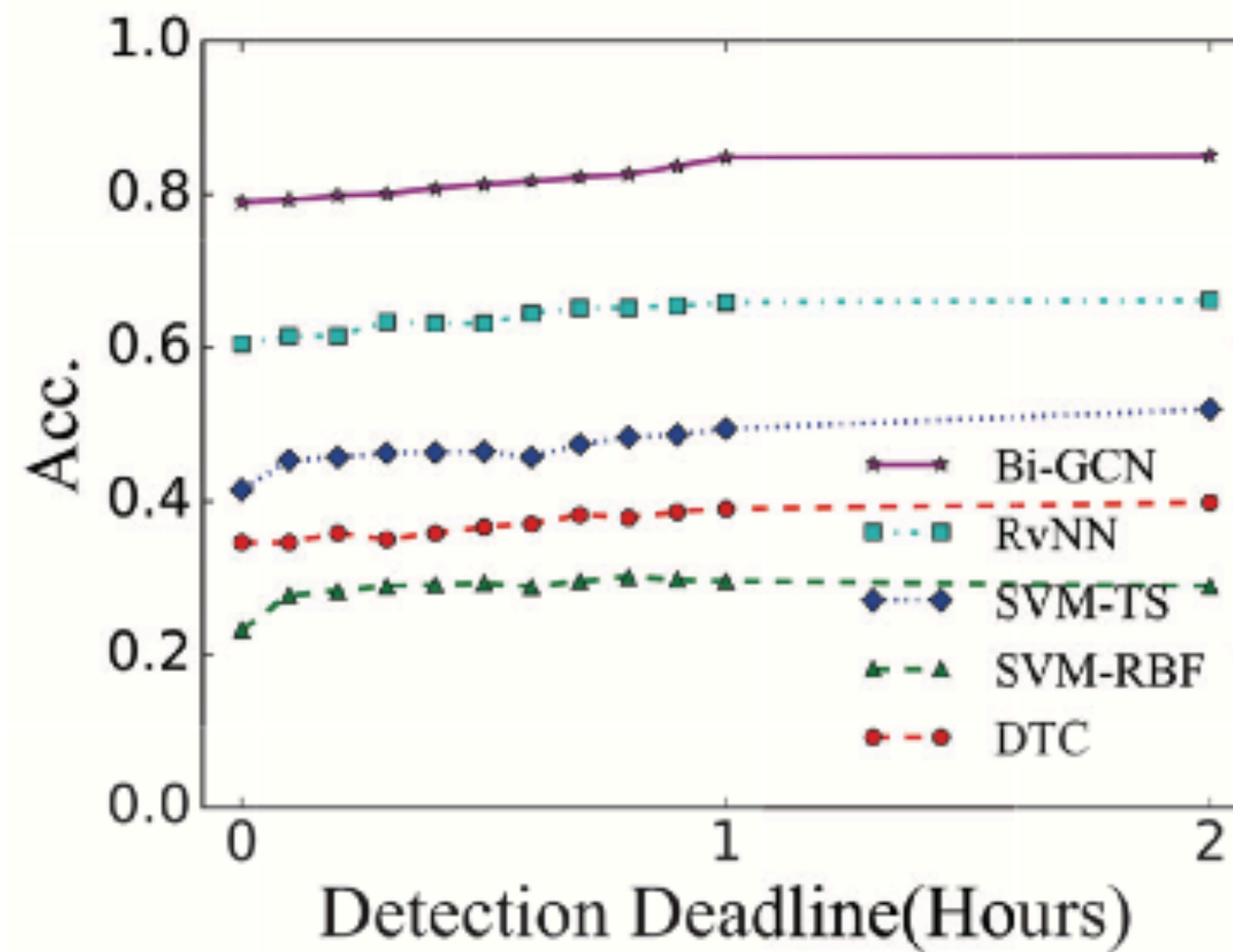


# Experiments

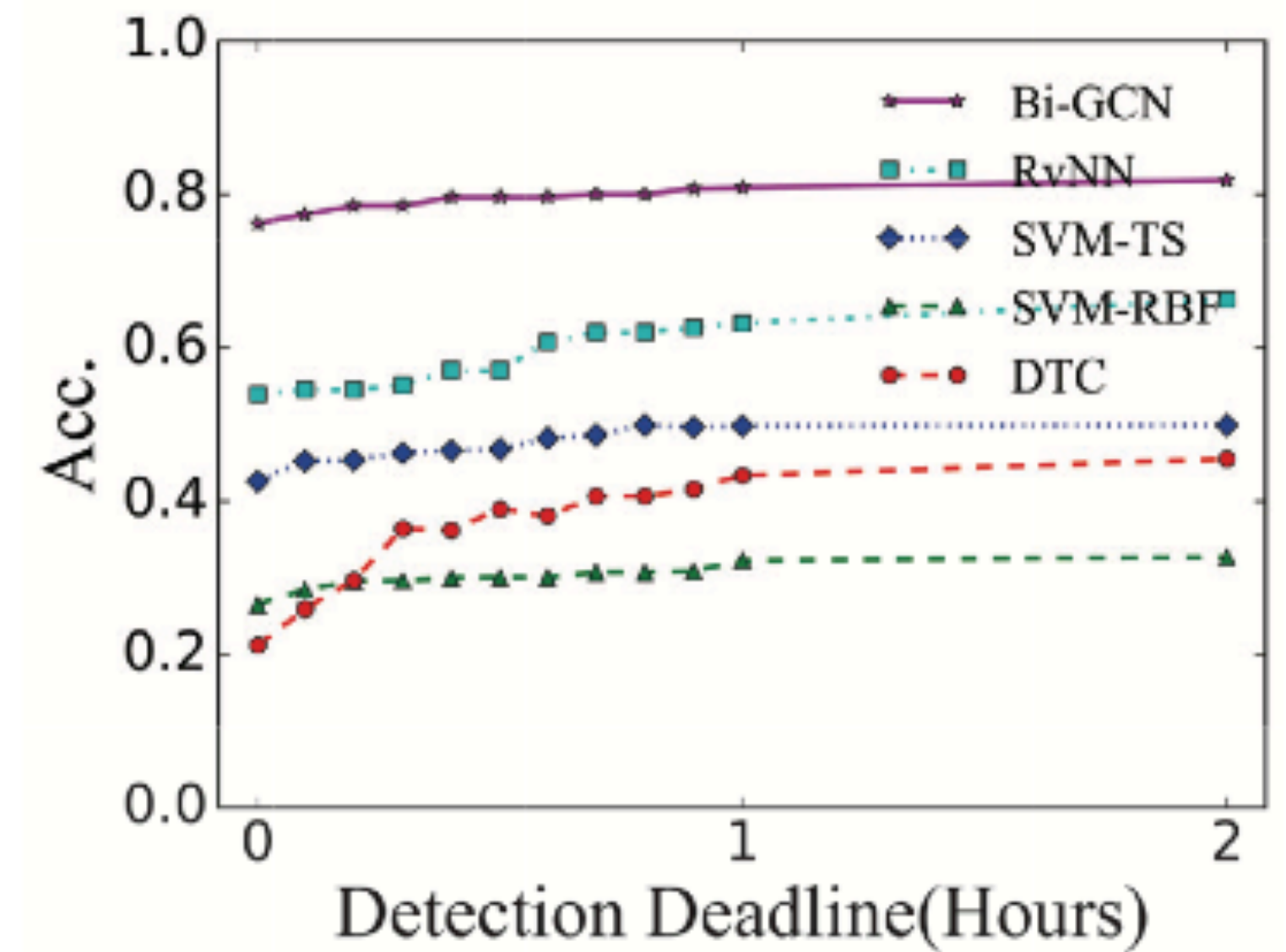
## Early Rumor Detection



(a) *Weibo* dataset



(b) *Twitter15* dataset



(c) *Twitter16* dataset

Result of rumor early detection on three datasets

- Bi-GCN reaches relatively **high accuracy at a very early period** after the source post initial broadcast.
- Observe that structural features are not only beneficial to long-term rumor detection, but also helpful to the early detection.