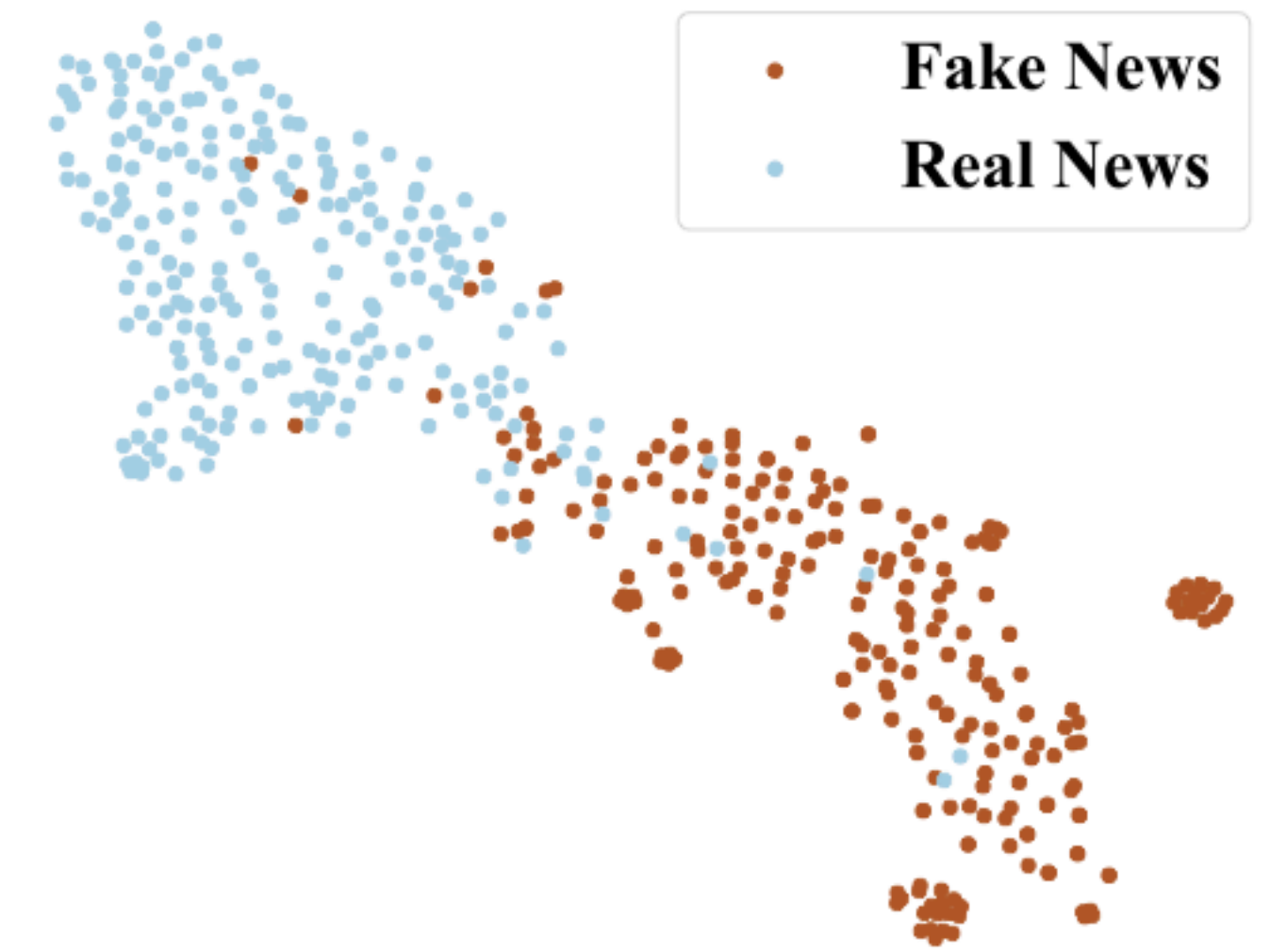


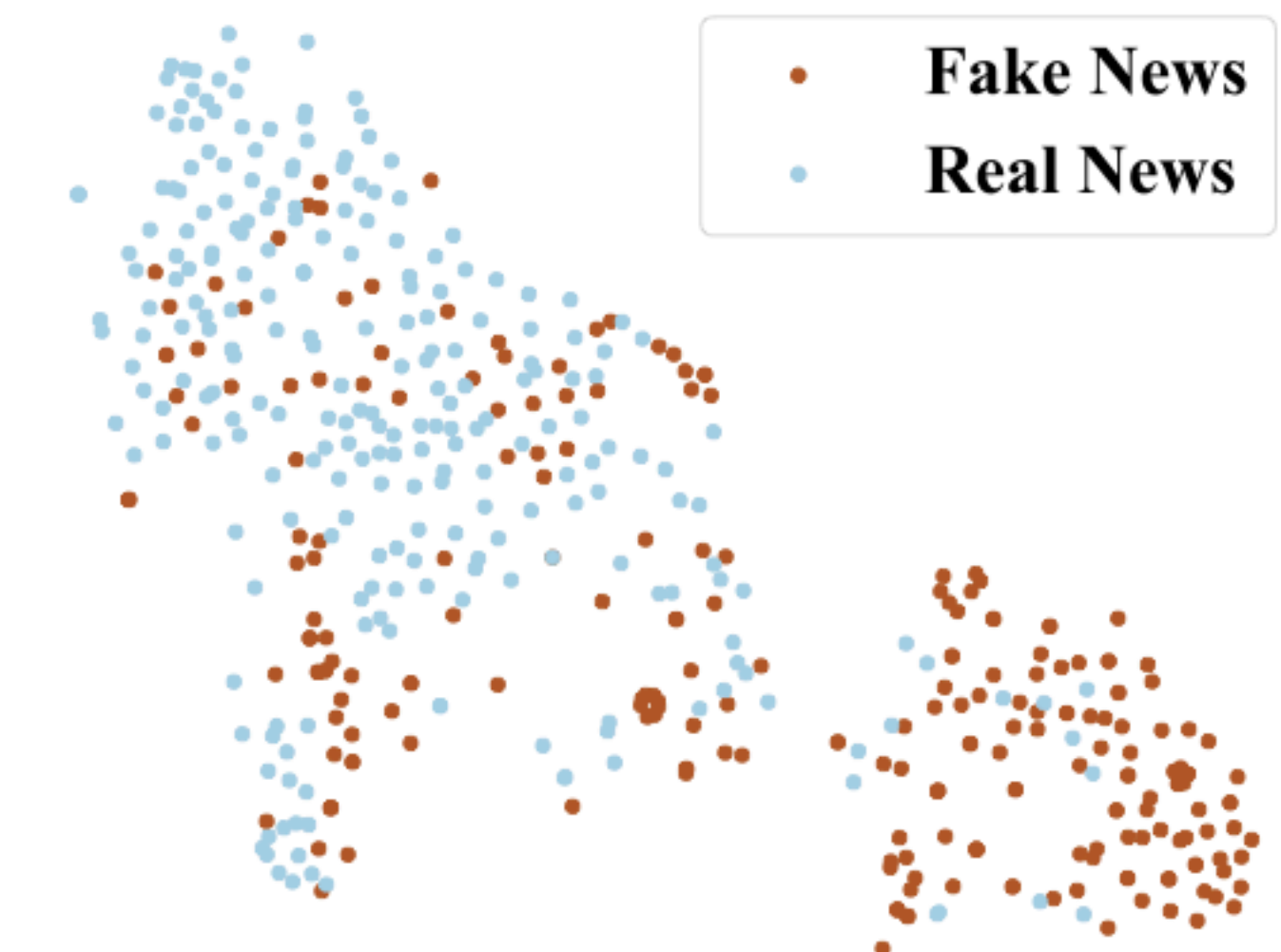
Experiments

Insight Analysis

- Visualizations of latent feature representations on D_s and D_d in t-SNE
- D_s are very discriminative, and the segregated area between fake and real news is clear
- D_d are twist together compared with D_s
- This comparison shows the feature representations of news in different time windows are significantly different with each other



(a) Same Time



(b) Different Time

Experiments

Insight Analysis

- The significant performance difference between two sets confirms that the distribution of news is changing
- The annotator can achieve similar performance on the same and different time set, demonstrates that the quality of fake news annotation on reports does not change with time

