Discussion
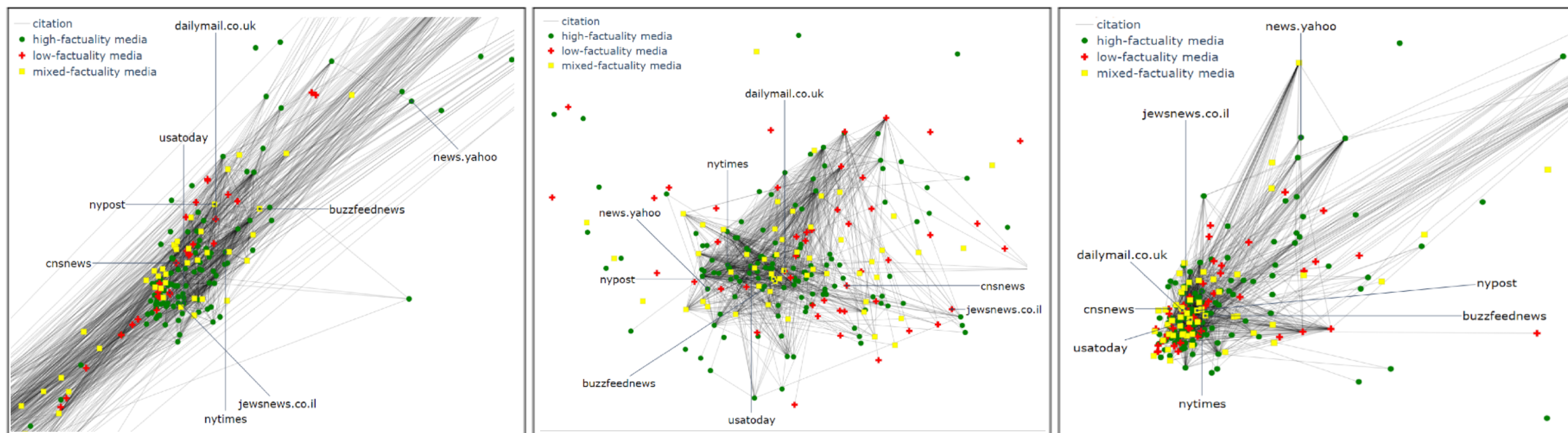## RQ3: Representation Learning – Extrinsic Evaluation

- Verify how generalizable the supervised source representations are for a new task: source factuality prediction.

- Dataset: 129 sources of high factuality & 103 sources of low factuality annotated using mediabiasfactcheck.com and politifact.com

- SVM binary classification with textual and FANG's contextual representation as input

- 0.2207 absolute F1 improvement (0.5842 → 0.8049) compared with textual feature baseline

Discussion
RQ3: Representation Learning – Extrinsic Evaluation

Plots for source representations using textual features (left), GCN (middle), and FANG (right) with factuality labels