Confronto tra Real e Fake news

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Introduzione

In un'epoca in cui i social media dominano il flusso di informazioni, distinguere tra real news e fake news è diventato cruciale. Questo studio esamina le dinamiche di interazione degli utenti con entrambe le tipologie di notizie, focalizzandosi su due argomenti distinti: politici e di gossip.

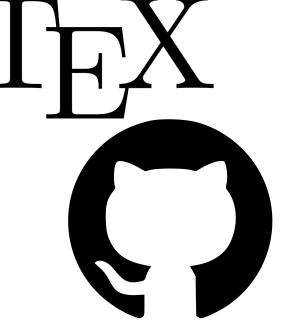


Tecnologie utilizzate

- R
- Python
- Github
- LaTeX







Raccolta dei dati

Raccolta e classificazione delle notizie:

- GossibCop
- PolitiFact

Le notizie appartengono all'anno 2018 negli Stati Uniti.

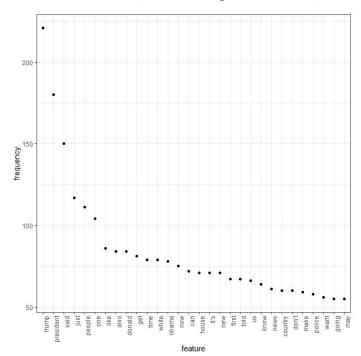
Le interazioni degli utenti corrispondono ai tweet collegati alle relative notizie..



Analisi dei dati

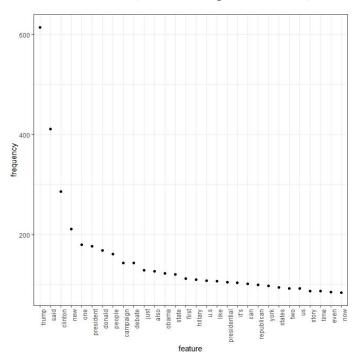
	political news	gossip news
numero fake news	120	91
numero real news	120	91
numero utenti totali	23865	15257
numero tweet totali	37259	25240

Word frequency fake political-news



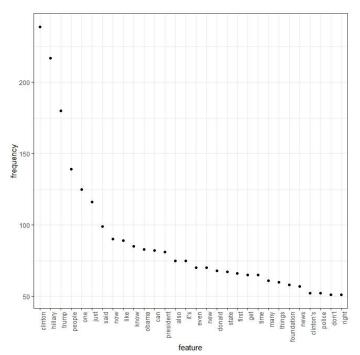
```
around friends something something something something something something something something order i'm cantime first women whitealso $get clinton according whitealso $get clinton women may president last make public bill ho now trump don't fact never family it's rump condon't fact never family it's news world state house american told one donald world since right go united things trump's trump's trump's things
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Word frequency real political-news



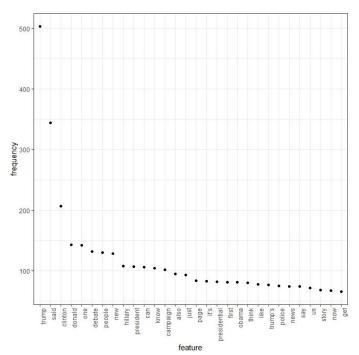
```
| leader Speech secretary funding came read foreign media republicans office decision/tiginia wantsee white united home were were were solder and the speech secretary funding decision/tiginia wantsee white united home were including solder shelp any years take country day week senate cruz end used really voters story people racefold sometimes were since another week senate cruz end used really voters story people racefold sometimes were since another week senate cruz end used really voters story people racefold sometimes were since another week senate cruz end used really voters story people racefold sometimes were since another work young september though the day of the week senate cruz end used really voters story people last now as mericans matter work with the day of the week senate cruz end week senate cruz end
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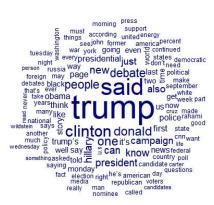
Word frequency fake gossip-news



another hawkins campaign twitter say for campaign twitter america called president man made health black trump can right reporter need first Clinton state black order need first Clinton was police news police news adults obama adults obama adebate clinton's us either clinton's us muslim election country according american

Word frequency fake gossip-news





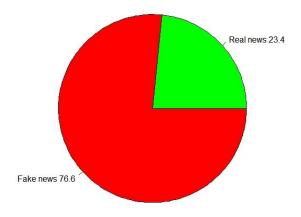
Numero interazioni political-news

Numero di tweet totali

Fake news 77.5

Real news 22.5

Numero di utenti univoci



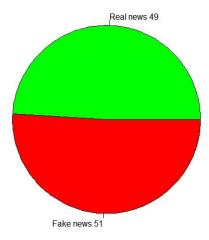
Numero interazioni gossip-news

Numero di tweet totali

Real news 48.8

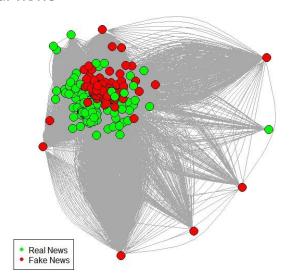
Fake news 51.2

Numero di utenti univoci

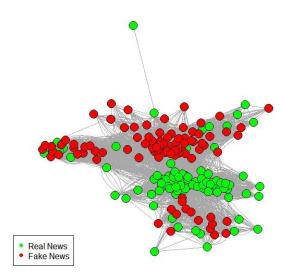


Grafo engagement

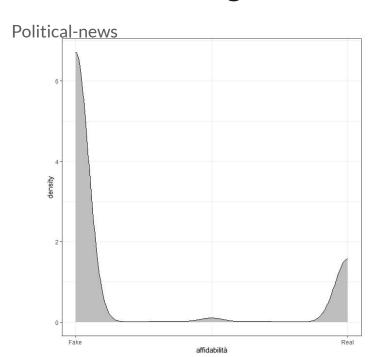
Political-news

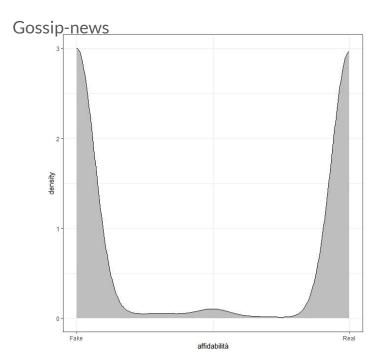


Gossip-news

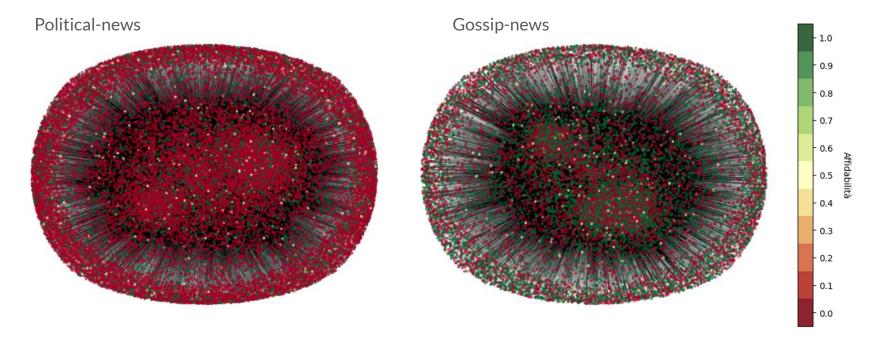


Affidabilità degli utenti





Rete dei follower



Conclusioni

Biases:

- Selezione delle notizie
- Raccolta dei tweet

