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# People Make Claims All the Time





Donald Trump

Republican presidential candidate



"The Mexican government forces many bad people into our country."



in an interview with NBC - Wednesday, July 8, 2015

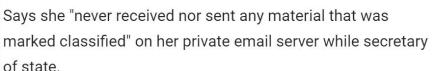


Hillary Clinton

Democratic presidential candidate



http://www.politifact.com/truth-o-meter





in an interview on MSNBC - Saturday, July 2, 2016



# Fact-checking is Challenging



## Limited resources, time-consuming tasks

- 96 active fact-checking sites in 2016 (PolitiFact .com, CNN, Washington Post, ...)
- Several hundred professional fact-checkers
- One fact-check oftentimes takes one day

VS.

Fast-spreading falsehoods and half-truths on the web and social network



# The Holy Grail: Automated, Live Fact-Checking









## ClaimBuster













repository of fact-checks by professionals

CLAIMBUSTER



o interviews

o speeches

o political ads

o social media

o web

o news

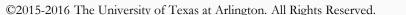
claimed detected and ranked by check-worthiness

## matched existing fact-checks:

delivered via browser extensions, mobile and smart-TV apps

### new factual claims:

solicit analyses from professionals; algorithmic fact-checking





## ClaimBuster automated live fact-checking

Data Collection

Press

Acknowledgement



### Find factual claims in your own text



### 2016 US Primary Debates



Hansard: Parliament of Australia

#### Tweets by @ClaimBusterTM ClaimBuster Retweeted Bernadette Keefe MD @nxtstop1 @GlennThrush Bornstein. Trump's doc also stated that Trump had recently lost 15 lbs.









Maybe Trump weighed 267+15 = 283 pounds one year ago?



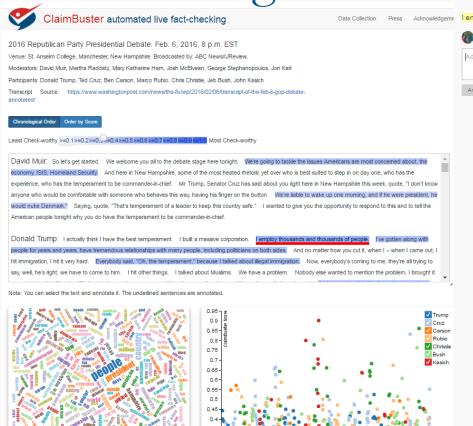
West Wing Reports < @WestWingReport

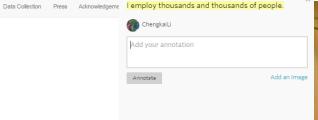


The \$185 million fine against Wells Fargo (if it is actually paid) is set against \$WFC's 2015 net income of approx \$22 billion

# Live Coverage of Debates









**Closed-captions devices** 



# Media Coverage

"... perhaps the biggest development to date ..."

"The most advanced generalised automatic claim spotting ..."

"... an intriguing glimpse into the role machines, bots and artificial intelligence will play in journalism's future."

"... a pretty useful guide for journalists and those members of the public ..."

"... ClaimBuster and its successors in keeping voters informed and politicians honest."

"Fact-checking is increasingly being bolstered by tools like ClaimBuster."



NewStatesman







theguardian

























Poynter@49

FIRST DRAFT

Austin American-Statesman





# Commercialization







# Thank You! Questions?

- o http://ranger.uta.edu/~cli cli@uta.edu
- Prototypehttp://idir.uta.edu/claimbuster
- You are invited to contribute http://bit.ly/claimbusters



