

# Pence Kaine EDA

```
checkdata <- read.csv("data/checkdata.csv")
pencekaine <- read.csv("data/pence_kaine_2016.csv")
```

## ClaimBuster Ratings

Table 1: Average ClaimBuster Rating

Claimant	avgrating
Mike Pence	0.4233962
Tim Kaine	0.3827119

Lowest ClaimBuster score of a claim that was checked: 0.12

The highest ClaimBuster score of a claim that was checked: 0.71

Total claims checked: 112

Average ClaimBuster score Mike Pence:  $\sim .42$

Average ClaimBuster score Tim Kaine:  $\sim .38$

**On average Tim Kaine's claims are slightly less checkable (0.04 / 4%).**

## Claims Checked and Unchecked

Table 2: All Claims by Candidate

Claimant	n
	2
Mike Pence	542
Tim Kaine	582

Table 3: Checked Claims by Candidate

Claimant	n
Mike Pence	53
Tim Kaine	59

Mike Pence had a total of 542 factual claims. 53 of his factual claims were checked  $\sim 9.8\%$

Tim Kaine had a total of 582 factual claims. 59 of his factual claims were checked  $\sim 10\%$

**No major bias by fact checkers according to candidate** Note: may be worth running a t-test on this to confirm no statistical significance.

## Repeated Fact-Checks

Table 4: Instances of Repeated Checks

Claimant	1	2	3	4	6
Mike Pence	34	11	6	1	1
Tim Kaine	35	16	6	1	1

As expected (knowing that each claimant was fact-checked a roughly equal amount of times) both claimants have similar amounts of claims checked repeatedly.

The only *times.fact.checked* category that has different numbers of claims checked for each Claimant is 2 where Mike Pence had 11 checked claims and Tim Kaine has 16 checked claims.

## Differences between Publishers

Table 5: Fact Checks by Publisher

Claimant	PFcheck	WPcheck	FCcheck	NYTcheck	CNNcheck	APcheck	TGcheck
Mike Pence	13	13	4	12	16	14	12
Tim Kaine	23	26	7	7	14	6	12

1/7 checker checked both candidates equally (TG)

3/7 checkers checked Pence more than Kaine (NYT, CNN, AP)

3/7 checkers checked Kaine more than Pence (PF, WP, FC)

**No apparent partisan bias by news sources for one candidate over the other**

## With 0.2 ClaimBuster Threshold

Table 6: Average CB Score above 0.2

Claimant	avgrating
Mike Pence	0.4396
Tim Kaine	0.3900

Table 7: All Checkable Claims >0.2

Claimant	n
Mike Pence	358
Tim Kaine	402

Table 8: All Checked Claims >0.2

Claimant	n
Mike Pence	50
Tim Kaine	57

Average claimbuster score Mike Pence:  $\sim .44$

Average claimbuster score Tim Kaine:  $\sim .39$

**On average Tim Kaine's claims are slightly less checkable (0.05 / 5%).**

Mike Pence had a total of 358 factual claims. 50 of his factual claims were checked  $\sim 14\%$

Tim Kaine had a total of 402 factual claims. 57 of his factual claims were checked  $\sim 14\%$

**No major bias by fact checkers according to candidate** Note: may be worth running a t-test on this to confirm no statistical significance.

**By Publisher >0.2**

Table 9: # Fact-Checks by Publisher

Claimant	PFcheck	WPcheck	FCcheck	NYTcheck	CNNcheck	APcheck	TGcheck
Mike Pence	13	12	4	12	15	13	11
Tim Kaine	21	25	7	7	13	6	12

3/7 checkers checked Pence more than Kaine (NYT, CNN, AP)

4/7 checkers checked Kaine more than Pence (PF, WP, FC, TG)

**No apparent partisan bias by news sources for one candidate over the other**