

# Results

First we start by showing the results of the POS extractor on the 3 different wikipedia pages

## 1- POS extractor:

Donald Trump Page:

```
EVALUATE ON "Donald Trump" PAGE
The total number of triplets outputted by POSExtractor is: 92
```

Now for the outputted triplets from this page

```
***** POS triplets from Donald Trump wikipedia page *****
Paul Ryan characterized Trump
New York ordered Trump
Trump married Czech
Electoral College formalized Biden
Representatives impeached Trump
```

The first triplet is valid

```
Paul Ryan have characterized Trump as a "troll" who makes controversial statements
```

The second triplet is invalid

```
a New York state judge ordered Trump
```

The third triplet is invalid

```
Trump married Czech model Ivana Zelničková.
```

The 4th triplet is invalid

```
The Electoral College formalized Biden's victory on December 14.
```

The 5th is invalid

```
the House of Representatives impeached Trump a second time,
```

So we have just 20% of triplets that are valid from Trump page

Ruth Bader Ginsburg Page:

```
EVALUATE ON "Ruth Bader Ginsburg" PAGE  
The total number of triplets outputted by POSExtractor is: 28
```

The 5 random triplets:

```
***** POS triplets from Ruth Bader Ginsburg wikipedia page *****  
New York hire Ginsburg  
Palmieri give Ginsburg  
Ruth attended James Madison High School  
Congress confirmed Amy Coney Barrett  
Ginsburg said Roberts
```

The first triplet is invalid

```
District Court for the Southern District of New York to hire Ginsburg as a law clerk,
```

The second triplet is invalid

```
threatening to never recommend another Columbia student to Palmieri if he did not give Ginsburg the opportunity
```

The third triplet is valid

Ruth attended James Madison High School,

The fourth triplet is invalid

The Republican Senate majority in the 116th Congress confirmed Amy Coney Barrett to the vacancy created by Ginsburg's death on October 27,

The fifth triplet is invalid

Ginsburg said Roberts's refusal to answer questions

Also here just 20% of triplets are valid

J. K. Rowling Page:

EVALUATE ON "J. K. Rowling" PAGE

The total number of triplets outputted by POSExtractor is: 23

The triplets are:

\*\*\*\*\* POS triplets from J. K. Rowling wikipedia page \*\*\*\*\*

Israelis of shared dislodge Netanyahu

Harry Potter criticised Rowling

Bloomsbury published Philosopher

Rowling described Harry Potter

Labour Party endorsed Labour Prime Minister Gordon Brown

The first triplet is invalid

depriving Israelis of shared culture would not dislodge Netanyahu,

The second triplet is invalid

Some members of the cast of the Harry Potter film series criticised Rowling's views

We would consider the third triplet as valid

```
Bloomsbury published Philosopher's Stone with an initial print run of 1,000 copies,
```

The fourth triplet is invalid

```
Rowling has described Harry Potter fandom as a "global phenomenon".
```

The fifth triplet is invalid

```
she donated £1 million to the Labour Party and publicly endorsed Labour Prime Minister Gordon Brown
```

Also here just 20% of triplets are valid

So we get 3/15 valid triplets for the first extractor

## 2- Tree Extractor:

Donald Trump Page:

```
The total number of triplets outputted by DepTreeExtractor is: 103
```

And the triplets we got are:

```
***** tree triplets from Donald Trump wikipedia page *****  
Trump fired director James Comey  
Trump asked Zelensky  
Biden won on November  
Manhattan District Attorney subpoenaed Trump Organization  
Trump ordered in April
```

The first triplet is valid

```
After Trump fired FBI director James Comey in May 2017,
```

The second triplet is valid

```
Trump asked Zelensky to investigate
```

The third triplet is invalid

```
Biden won the election on November 3,
```

The fourth triplet is valid

```
but the Manhattan District Attorney subpoenaed the Trump Organization
```

The fifth triplet is invalid

```
Trump ordered missile strikes in April 2017
```

So 60% of the triplets are valid in this page

Ruth Bader Ginsburg Page:

```
The total number of triplets outputted by DepTreeExtractor is: 51
```

The triplets in this page are

```
***** tree triplets from Ruth Bader Ginsburg wikipedia page *****  
actress Felicity Jones portrays Ginsburg  
Sandra O'Connor Went to Supreme Court  
Supreme Court went on February  
Marylin died of meningitis  
Bader married Ginsburg
```

The first triplet is valid

```
English actress Felicity Jones portrays Ginsburg in the film,
```

The second triplet is valid

```
How Sandra Day O'Connor and Ruth Bader Ginsburg Went to the Supreme Court and Changed the World.
```

The third triplet is invalid

```
and returned to the bench when the Supreme Court went back into session on February 23,
```

The fourth triplet is valid

```
The Baders' elder daughter Marylin died of meningitis at age six,
```

The fifth triplet is valid

```
Bader married Ginsburg a month after her graduation from Cornell.
```

So 80% of triplets from this page are valid

J. K. Rowling Page:

```
The total number of triplets outputted by DepTreeExtractor is: 32
```

The triplets that we got out of this page are

```
***** tree triplets from J. K. Rowling wikipedia page *****  
Blood Prince received Book  
Rowling read Chronicles  
Rowling writing Harry Potter  
Rowling was following singer Elton John  
Rowling founded Lumos
```

The first triplet is invalid

```
Half-Blood Prince received the Book of the Year prize at the British Book Awards.
```

The second triplet is invalid

```
Rowling read The Chronicles of Narnia by C. S. Lewis,
```

The third triplet is valid

```
Rowling was writing Harry Potter at the time
```

The fourth triplet is invalid

```
Rowling was the second most generous UK donor in 2015 (following singer Elton John),
```

The fifth triplet is valid

```
Rowling and MEP Emma Nicholson founded Lumos in 2005
```

So 40% of this page triplets are valid

So overall 9/15 of tree extraction triplets are valid which is much better than the first extraction