**Sample Analysis of Theme & Rheme in Selected part of Obama’s Speech**

Sample includes: simple sentences and independent clauses of compound sentences (relative clauses are not included).

* **Tags:**
* **POS Tags:** Penn Treebank POS Tagset

<https://www.ling.upenn.edu/courses/Fall_2003/ling001/penn_treebank_pos.html>

* **Phrase tags:** Penn treebank Constituent Tags

<http://brahma.pub/content/tutorial/NLP/Penn%20Treebank%20Constituent%20Tags.html#Phrase>

It's been a long time coming, but tonight, because of what we did on this day, in this election,

at this defining moment, change has come to America.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme - (POS Tag + Phrase) | Type of Marked Theme |
| 1 | It | PRP - NP |  |  |
| 2 | Tonight  Because of  In this election  At this defining moment |  | RB - ADVP  IN - PP  IN - PP  IN - PP | Temporal  Causal  Temporal  Temporal |

A little bit earlier this evening, I received an extraordinarily gracious call from Senator McCain.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | A little bit earlier |  | RBR - ADVP | Temporal |

Senator McCain fought long and hard in this campaign, and he's fought even longer and

harder for the country that he loves.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | Senator McCain | NNP - NP |  |
| 2 | he | PRP - NP |  |

He has endured sacrifices for America that most of us cannot begin to imagine.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | He | PRP - NP |  |

We are better off for the service rendered by this brave and selfless leader.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | We | PRP - NP |  |

I congratulate him; I congratulate Governor Palin for all that they've achieved, and I look forward to working with them to renew this nation's promise in the months ahead.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | I | PRP - NP |  |
| 2 | I | PRP - NP |  |
| 3 | I | PRP - NP |  |

I want to thank my partner in this journey, a man who campaigned from his heart and spoke

for the men and women he grew up with on the streets of Scranton and rode with on the train

home to Delaware, the Vice President elect of the United States, Joe Biden.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | I | PRP - NP |  |

And I would not be standing here tonight without the unyielding support of my best friend for

the last 16 years, the rock of our family, the love of my life, the nation's next First Lady:

Michelle Obama.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | And |  | CC - CONJP | Additive |

Sasha and Malia, I love you both more than you can imagine, and you have

earned the new puppy that's coming with us to the White House.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | Sasha and Malia |  | NNP - NP |
| 2 | You | PRP - NP |  |

And while she's no longer with us, I know my grandmother's watching, along with the family that made me who I am.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | And  While |  | CC - CONJP  IN - PP | Additive  Temporal |

I miss them tonight, and I know that my debt to them is beyond measure.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | I | PRP - NP |  |
| 2 | I | PRP - NP |  |

To my sister Maya, my sister Alma, all my other brothers and sisters thank

you so much for the support that you've given me.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | To my sister Maya, my sister Alma, all my other brothers and sisters | IN - PP |  |

I am grateful to them

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | I | PRP - NP |  |

And to my campaign manager, David Plouffe the unsung hero of this campaign, who built

the best political campaign, I think, in the history of the United States of America.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | And  To my campaign manager |  | CC - CONJP  IN - PP | Additive  Role |

To my chief strategist David Axelrod who's been a partner with me every step of the way.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | To my chief strategist |  | IN - PP | Role |

To the best campaign team ever assembled in the history of politics, you made this happen, and I am forever grateful for what you've sacrificed to get it done

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | To the best campaign team ever assembled |  | IN - PP | Role |

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But above all, I will never forget who this victory truly belongs to.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | But  above all |  | CC - CONJP  IN - PP | Adversative  Summative |

It belongs to you. It belongs to you.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | It | PRP - NP |  |
| 2 | It | PRP - NP |  |

I was never the likeliest candidate for this office.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | I | PRP - NP |  |

We didn't start with much money or many endorsements.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | We | PRP - NP |  |

Our campaign was not hatched in the halls of Washington.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | Our campaign | PRPS + NN - NP |  |

It began in the backyards of Des Moines and the living rooms of Concord and the front porches

of Charleston.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | It | PRP - NP |  |

It was built by working men and women who dug into what little savings they had to give 5 dollars

and 10 dollars and 20 dollars to the cause.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | It | PRP - NP |  |

It grew strength from the young people who rejected the myth of their generation's apathy, who left their homes and their families for jobs that offered little pay and less sleep.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | It | PRP - NP |  |

It drew strength from the not-so-young people who braved the bitter cold and scorching heat to knock on doors of perfect strangers, and from the millions of Americans who volunteered and organized and proved that more than two centuries later a government of the people, by the people, and for the people has not perished from the Earth.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | It | PRP - NP |  |

This is your victory.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | This | DT - NP |  |

And I know you didn't do this just to win an election.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | And |  | CC - CONJP | Additive |

And I know you didn't do it for me.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | And |  | CC - CONJP | Additive |

You did it because you understand the enormity of the task that lies ahead.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) |
| 1 | You | PRP - NP |  |

For even as we celebrate tonight, we know the challenges that tomorrow will bring are the greatest of our lifetime: two wars, a planet in peril, the worst financial crisis in a century.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | For  Even as |  | CC - CONJP  IN - PP | Causal  Concessive |

Even as we stand here tonight, we know there are brave Americans waking up in the deserts of Iraq and the mountains of Afghanistan to risk their lives for us.

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| Clause # | Theme | Unmarked Theme (POS Tag + Phrase) | Marked Theme (POS Tag + Phrase) | Type of Marked Theme |
| 1 | Even as |  | IN - PP | Concessive |