Bonus:- Text Analysis

Q2. Generate both candidate debate word relation network figures.
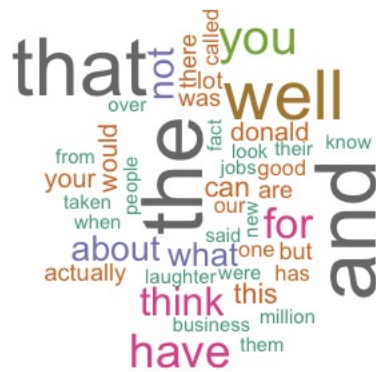
Trump



Clinton

Q3. How do you compare word clouds?
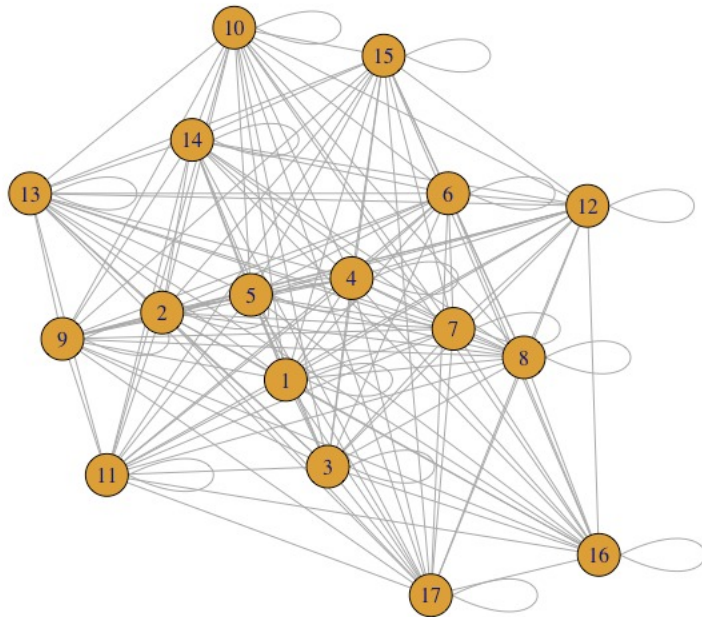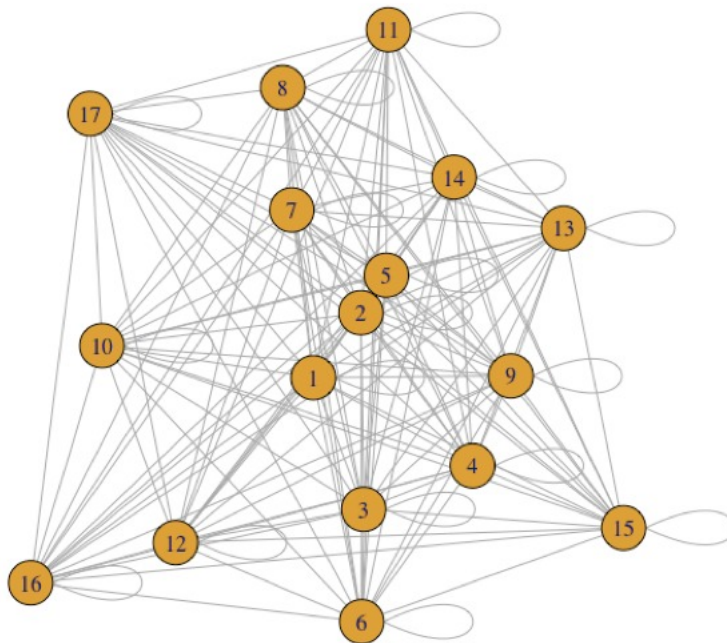
In a word cloud, the larger a word is, there are more occurrences of that word. We can compare two word clouds based on compound words, custom shapes, custom colors, multiple fonts. If we filter the word cloud, we can compare them based on their size and color.

Minimum word limit - 4
Clinton



Trump

Clinton's word cloud is smaller than Trump's.

In Clinton's word cloud, some of the commonly used words (apart from the basic phrases in the English language are)

- Donald
- Jobs
- Millions
- fact

In Donald Trump's word cloud, the commonly used words are :-

- people
- country
- jobs
- companies

Q5. What are the candidate's sentiment analysis scores?

Trump

| score | text.V1 | text.V2 | text.V3 | text.V4 | text.V5 |
|---|---|---|---|---|---|
| -14 | I think science is real. | | | | |
| -14 | In fact | I have written a book about it. It's called Stronger Tog… | | | |
| -14 | And if I had to do it over again | I would | obviously | do it differently. But I'm not going to make any excus… | and I take res |
| -14 | Well | I think there are a number of issues that we should b… | even direct people in our country and Europe and else… | end their claim of being a Caliphate. We're making pr… | you know |
| -14 | Her name is Alicia Machado. | | | | |
| -14 | And I have done a lot… | | | | |
| -14 | That's a—that's—go to the—please | fact checkers | get to work. | | |
| -14 | You know | the vibrancy of the black church | the black businesses that employ so many people | the opportunities that so many families are working t… | and then ther |
| -14 | …of what we heard Donald say has been about nucle… | Japan | South Korea | even Saudi Arabia. It has been the policy of the Unite… | Democrats ar |
| -9 | And I have been a secretary of state… | | | | |
| -9 | No | we're not. No | we're not. | | |
| -9 | Well | I've heard—I've heard Donald say this at his rallies | and it's really unfortunate that he paints such a dire n… | | |
| -9 | That is not the right temperament to be commander–… | to be taunted. And the worst part… | | | |
| -9 | the better we will be off and the better we'll grow. Th… | | | | |
| -9 | There are… | | | | |
| -9 | Well | I think you've seen another example of bait-and– swit… | everyone running for president has released their tax … | I think | 39 |
| -9 | Well | just listen to what you heard. [laughter] And clearly | as Donald just admitted | he knew he was going to stand on this debate stage | and Lester Ho |
| -9 | You know | he tried to switch from looks to stamina. But this is a … | slobs and dogs | and someone who has said pregnancy is an inconveni… | who has said |
| -6 | Nine million people—nine million people lost their jo… | | | | |
| -6 | No. | | | | |
| -6 | But in—oh | but I do. | | | |
| -6 | Yeah | well | let's start the clock again | Lester. We've looked at your tax proposals. I don't see… | bringing back |
| -6 | I do. You know | I made a mistake using a private e– mail. | | | |
| -6 | Well | it's also fair to say | if we're going to talk about mayors | that under the current mayor | crime has cor |
| -6 | …have said that Donald is unfit to be the commander… | | | | |
| -6 | It's a good one | though. It well describes the problem. [laughter] | | | |
| -6 | And one of the worst things he said was about a wom… | supporting them and hanging around them. And he c… | she has a name. | | |
| -6 | And I think it's important that we grip this and deal w… | both at home and abroad. And here's what we can do… | and I am determined that we're going to get the econ… | building on the progress we've made over the last eig… | but never goi |
| -6 | And I have been a secretary of state… | | | | |
| -6 | …or at an airport near you. | | | | |
| -6 | No | we're not. No | we're not. | | |

# Clinton

| score | text.V1 | text.V2 | text.V3 | text.V4 | text.V5 |
|---|---|---|---|---|---|
| 14 | And | in fact | his cavalier attitude about nuclear weapons is so dee… | as far as I think anyone with any sense about this sho… | |
| 14 | You know | he tried to switch from looks to stamina. But this is a … | slobs and dogs | and someone who has said pregnancy is an inconveni… | who has said… |
| 14 | Well | I support our democracy. And sometimes you win | sometimes you lose. But I certainly will support the o… | but I hope the people out there understand: This elec… | because I think it |
| 14 | I think science is real. | | | | |
| 14 | Incomes went up for everybody. Manufacturing jobs … | if we're actually going to look at the facts. When I was… | I had a number of trade deals that came before me | and I held them all to the same test. Will they create j… | a multinational o |
| 14 | No. | | | | |
| 14 | In fact | I have written a book about it. It's called Stronger Tog… | | | |
| 14 | …would not add a penny to the debt | and your plans would add $5 trillion to the debt. Wha… | because they have made all the gains in the economy… | | |
| 14 | Yeah | well | let's start the clock again | Lester. We've looked at your tax proposals. I don't see… | bringing back of |
| 14 | And if I had to do it over again | I would | obviously | do it differently. But I'm not going to make any excus… | and I take respon |
| 14 | And we need to be very clear about that. | | | | |
| 14 | Well | it's also fair to say | if we're going to talk about mayors | that under the current mayor | crime has continu |
| 14 | Well | I think there are a number of issues that we should b… | even direct people in our country and Europe and else… | end their claim of being a Caliphate. We're making pr… | you know |
| 14 | We've covered this ground. | | | | |
| 14 | It's a good one | though. It well describes the problem. [laughter] | | | |
| 14 | Her name is Alicia Machado. | | | | |
| 18 | Well | thank you | Lester | and thanks to Hofstra for hosting us.The central ques… | so I think about t |
| 18 | Well | let's stop for a second and remember where we were … | the Great Recession | the worst since the 1930s. That was in large part bec… | failed to invest in |
| 18 | Look | there are differences… | | | |
| 18 | There are different views about what's good for our c… | our economy | and our leadership in the world. And I think it's impor… | investments | not in more tax c |
| 18 | …as I said | trumped–up trickle–down. Trickle–down did not work… | in 2008 and 2009. Slashing taxes on the wealthy has… | wealthy people know that. And they are saying | hey |
| 18 | So if he's paid zero | that means zero for troops | zero for vets | zero for schools or health. And I think probably he's n… | because it must b |
| 18 | I think—I think—I think Donald just criticized me for … | yes | I did. And you know what else I prepared for? I prepar… | | |
| 18 | Well | I think cyber security | cyber warfare will be one of the biggest challenges fa… | because clearly we're facing at this point two different… | we are seeing cyb |
| 18 | Well | one thing. One thing | Lester. | | |
| 18 | …women don't deserve equal pay unless they do as … | | | | |
| 18 | …million new jobs | a balanced budget… | | | |