#EMOTION DETECTION ON TWITTER

A CORPUS ANALYSIS ON THE REPUTATION OF DONALD TRUMP DURING THE AMERICAN ELECTIONS

Aantal woorden: 16.898

Kara Roggeman

Studentennummer: 0130188

Promotor: Prof. dr. Veronique Hoste

Masterproef voorgelegd voor het behalen van de graad master in de richting Meertalige Communicatie (Nederlands, Engels, Italiaans)

Academiejaar: 2016 - 2017

<u>Acknowledgements</u>

I would like to express my sincere gratitude to my promotor Prof. Dr. Veronique Hoste, who gave me a lot of help during the process of this master's thesis. Since I had not much prior knowledge on emotion and sentiment detection, she provided me with a number of helpful articles and books and explained some of the concepts. Because of that, I was able to deliver this thesis and expand my knowledge on emotion and sentiment analysis.

I am also thankful for the help I received from the LT3 department, especially to retrieve the tweets for my corpus and build the machine-learning system.

Lastly, I would also like to thank my parents for giving me the opportunity to study and to encourage me whenever this was needed.

<u>Verklaring i.v.m. auteursrecht</u>

De auteur en de promotor(en) geven de toelating deze studie als geheel voor consultatie beschikbaar te stellen voor persoonlijk gebruik. Elk ander gebruik valt onder de beperkingen van het auteursrecht, in het bijzonder met betrekking tot de verplichting de bron uitdrukkelijk te vermelden bij het aanhalen van gegevens uit deze studie.

Het auteursrecht betreffende de gegevens vermeld in deze studie berust bij de promotor(en). Het auteursrecht beperkt zich tot de wijze waarop de auteur de problematiek van het onderwerp heeft benaderd en neergeschreven. De auteur respecteert daarbij het oorspronkelijke auteursrecht van de individueel geciteerde studies en eventueel bijhorende

documentatie, zoals tabellen en figuren. De auteur en de promotor(en) zijn niet verantwoordelijk voor de behandelingen en eventuele doseringen die in deze studie geciteerd en beschreven zijn.

Table of contents

List of tables and figures

Abstract

In recent years, many research was performed on sentiment analysis, on a lexicon-based as well as on a learning-based level (Balahur 2011, Pontiki et al. 2016, Van Hee, Lefever and Hoste 2015). Emotion analysis may give a more profound overview of the feelings of the author, but is still in its infancy. This study aims to determine the reputation of Donald J. Trump by investigating the mostly used emotions in tweets about him during the previous American elections. It also aims to build an emotion detection system on the basis of machine-learning. A Twitter corpus of 556 tweets divided over 7 important moments during and after the American elections was annotated for emotion, emotion words, implicitnessn sentiment, target and irony. In total, sixteen emotions were extracted from the emotion models of Ekman (1992), Suet Yan and Turtle (2016) and Russel (1980). The most prominent annotated emotions throughout the corpus are 'frustration' and 'disgust'. It was also found that the largest number of tweets were targeted against Donald Trump and that his reputation is rather negative on Twitter. From the annotated corpus a small machine learning system was built on the basis of character bigrams. This system showed promising results and may be a basis for future work on emotion detection.

Keywords: emotion detection, reputation, Twitter, Donald Trump

1. Introduction

In recent years, social media have become an increasingly important means of communication throughout the world, not only for personal communication, but also for business communication (Wright and Hinson, 2014).

More and more companies and organisations are using social media to communicate with their stakeholders and consumers (Mc Corkindale & Di Staso 2013, p.497). Carroll (2013, p.6) argued that the corporate reputation may be damaged when people think that the company does not listen to their issues and messages. On top of that, since social media have become increasingly important, stakeholders can obtain a lot of information about a company, and converse with each other about that matter or even with the company itself (Varey, 2013, p.114). Therefore, companies need to be aware of the importance of social media and the communication with their stakeholders.

Since the importance of social media has risen, research on the topic has increased. Especially Twitter has been the subject of extensive research and analysis (Balahur 2011, Balikas & Amini 2016, Jin et al. 2014). Wright and Hinson (2014) found in that sense that Twitter has become more important than Facebook as a means for public relations. This may be due to the fact that on Facebook people tend to follow friends or people with whom they have a strong or weak personal relationship. On Twitter, however, they tend to follow others with whom they do not have that personal connection. Because of this, businesses are able to connect with people to whom they do not have a personal connection (Mc Corkindale & Di Staso 2013, p.506).

Not only companies, but also public figures, such as politicians, use social media to communicate with their voters and the general public. In this sense, Tumasjan et al (2010), found that the number of tweets that talk about a particular party reproduce the election result.

Many of the recent works regarding Twitter analysis have concentrated on sentiment analysis, which categorises tweets as positive, negative or neutral (Balikas & Amini 2016, Lango, Brzezinski & Stefanowski 2016). Nevertheless, although it is already possible to determine sentiment on an aspect based level, this does not give insights into the emotions people are uttering on social media. The study of emotion detection may open up more possibilities for research of, for example, crisis situations (Briones et al. 2011, Jin et al. 2014) and for Online Reputation Management.

Nevertheless, the number of possible emotions to analyse differs from research to research. Some researchers concentrate on the six basic emotions that were identified by Ekman (1992), namely 'anger', 'disgust', 'fear', 'sadness', 'joy' and 'surprise', such as Strapparava and Mihalcea (2007) and Bellegarda (2007). Other studies analyse more possible emotions, such as that from Desmet and Hoste

(2013) where they analysed fifteen different types of emotions that were used in suicide notes. Suet Yan and Turtle (2016) even performed fine-grained emotion analysis for 28 emotions. Another possible way to analyse emotions is to put them on a continuum scale with a small number of strict emotions, rather than categorising them as different discrete types of emotions,. This is for example the case in the study of Jin et al. (2014), who ranked emotions on an attribution scale instead of a positive-negative scale. Jin et al. differentiate between three types of crisis emotions: attribution-independent crisis emotions ('anxiety', 'fear', 'apprehension' and 'sympathy'), internal-attribution-dependent crisis emotions ('guilt', 'embarrassment' and 'shame') and crisis emotions ('disgust', 'contempt', 'anger' and 'sadness').

Given the fact that most of the previous research has concentrated on sentiment detection and that the field of emotion detection is still in its infancy, this study will concentrate on the type of emotions expressed in tweets about a political figure, namely U.S. President Donald J. Trump, during and shortly after the American elections (28 September until 11 November).

In addition, it will determine whether the reputation of Donald Trump is rather positive or negative on Twitter by labelling both the sentiments and emotions expressed in tweets. It will also discuss the favourability of Donald Trump as well as his opponent, Hillary Clinton. The aim is to see which emotions are most present in this type of political tweets. Finally, we will also discuss the performance of a machine learning system that was trained on 556 tweets to categorise the emotion of new unseen tweets.

 The rest of this master's thesis is organised as follows: Section 2 gives a non-exhaustive overview of the related works on sentiment and emotion analysis. A part about research on reputation management is also included. In section 3 there is an overview of the methodology that was used for this study, including the research questions, the emotions used in this study and an overview of the important moments during the American elections. The last part of this section will be devoted to a description of the learning based system that was tested for this corpus. Section 4 provides an extensive overview of the analysis of the annotated corpus and the performance of the system. The last section details the conclusion and the discussion of this master's thesis.

2. Related works

2.1 Sentiment and emotion analysis

2.1.1 Sentiment analysis

The interest of analysing instances on the internet, especially on social media such as Twitter, has increased in recent years. Many of the works concentrate on sentiment analysis, meaning that the instances are categorised as positive, negative and/or neutral. There are two main approaches towards sentiment analysis, viz. the lexicon-based and the learning-based approach or supervised approach (Liu 2012).

2.1.1.1 Lexicon-based approach

The lexicon-based approach makes usage of a lexicon of words that are labelled either positive, negative or neutral. When analysing a new instance, for example a tweet, the number of positive and negative words that appear in the corpus are counted. If the tweet contains more negative words than positive it is classified as negative, and vice versa. This method has been used for sentiment analysis by various researchers (Andreevskaia & Bergler 2006, Esuli & Sebastiani 2005, Esuli & Sebastiani 2006, Esuli & Sebastiani 2007, Kamps et al. 2004).

There exist a number of lexicons that researchers can use for their lexicon-based approach. In this part, WordNet (Fellbaum et al. 1993), SentiWordNet (Baccianella, Esuli and Sebastiani 2010), WordNet-Affect (Strapparava & Valitutti 2004) and MPQA (Wiebe, Wilson and Cardie 2005) will be discussed.

WordNet is an extensive English lexicon which contains nouns, adverbs, adjectives and verbs. Words can be grouped together in lists, called synsets, if they have a relation of synonymy. Nevertheless, they are not attributed with a sentiment.

SentiWordNet also ranks words into synsets. Afterwards, each word is given a numerical sentiment score. As words can be ranked in more than one synset, they can be given a different sentiment, based on the sense of the word. In that case, it is advisable to include WSD (Word Sense Disambiguation) to be able to find the most suitable solution.

WordNet-Affect uses the English lexicon WordNet as a basis and enhances it by assigning affective labels (called A-labels) to the words. In total, there are 11 A-labels: 'emotion', 'mood', 'trait', 'cognitive state', 'physical state', 'hedonic signal', 'emotion-eliciting situation', 'emotional response', 'behaviour', 'attitude' and 'sensation'.

MPQA or Multi-Perspective Question Answering Corpus is a subjectivity lexicon of 8.222 terms. Each of the words are linked with a certain polarity (positive, negative or neutral) and its polarity intensity (strong or weak).

These lexicons have been used by many researchers to determine sentiment in text. Andreevskaia and Bergler (2006) applied WordNet as a lexicon for their graded determination of sentiment. This means that a term can vary from 'fuzzy' to 'probabilistic', referring to the degree of positivity or negativity.

Musto, Semeraro & Polignano (2014) analysed the above-mentioned lexica on data of SemEval 2013. The best results were obtained by SentiWordNet and MPQA, while WordNet-Affect obtained the lowest scores.

Esuli and Sebastiani (2005) used the online definitions of words (glosses) to determine the sentiment of a word. In 2006, they tried to determine whether terms had a subjective connotation (negative or positive) or solely an objective connotation.

The lexicon-based method for sentiment analysis was also used by Kim and Hovy (2004). They included synonyms and antonyms of words in WordNet to a hand-picked seed list, applying the same sentiment for synonyms and the opposite sentiment for antonyms.

In addition, Ding, Liu and S. Yu (2008) used the lexicon of WordNet to set up a lexicon-based system, called Opinion Observer, to deal with context dependent words. They tried to solve a few problems that exist in sentiment analysis, such as the occurrence of positive and negative words in the same sentence.

The problem with deriving the sentiment from a text based on the sentiment of the words is that, sometimes, positive words can be made negative and vice versa. In the sentence 'I am not happy', 'happy' would be labelled as positive, but the sentence in itself is negative due to the negative particle 'not'. These negative elements, along with adverbs, verbs, subordinators etc. that can make a sentence negative, have been called 'valence shifters' by Polanyi and Zaenen (2006).

Taboada et al. (2011) used the Semantic Orientation CALculator (SO-CAL), which consists of 'Epinions 1', a sentiment dictionary extracted from 400 texts, including the strength and the negation of the instances. The calculator was tested on reviews of different domains and was found to be consistent on unseen texts.

In the previously-mentioned work of Musto, Semeraro and Polignano (2014), sentences are split in phrases on the basis of so-called 'splitting-cues'. These cues can either be punctuation, adverbs or a certain type of conjunction.

Nevertheless, there exists also another problem with sentiment analysis on the basis of lexica. Whereas lexicon-based sentiment analysis systems are still heavily used in commercial applications, due to their ability to quickly process large volumes of texts, their quality heavily depends on the quality of the lexicons they use. Furthermore, apart from the difficulties they experience when handing negation, but also modality, they completely ignore lexical ambiguity. Depending on the context, some words can have a negative or a positive connotation. The verb 'suck', for example, is usually associated with a negative connotation. However, in a review on a vacuum cleaner, this word might receive a positive connotation. Furthermore, sentences can also convey sentiment without the usage of sentiment words, e.g. "This cell phone needs to be charged twice a day". (Liu 2012, pp.12-13; Van de Kauter, Desmet & Hoste 2015).

2.1.1.2 Learning-based approach

As the usage of a lexicon may sometimes not give sufficient information for effective sentiment analysis, many researchers today prefer the learning-based approach.

The learning-based or machine learning approach can still use a lexicon with the predefined sentiment classification of words as a feature, but it also makes usage of a training corpus with a high number of instances, for example tweets. These instances have been annotated as positive, negative or neutral. On the basis of this information, the computer will analyse the sentences and 'learn' how to categorise other, unseen, sentences, hence the name 'machine learning approach'. The computer will thus categorise new sentences as positive, negative or neutral based on the information it has inferred from the manually annotated sentences. The machine learning approach is increasingly being used by scholars for sentiment analysis.

In this method, information on a given text is encoded in a so-called feature vector. This information can be lexical, semantic, syntactic or another type of information. N-grams, for example bigrams or trigrams, are sequences of two or three tokens or characters, and are an often used feature type (Balikas & Amini 2016, Severyn et al. 2014, Lango, Brzezinski, & Stefanowski 2016, Van Hee, Lefever & Hoste 2015). Especially character N-grams have shown to work well on social media data, as they are able to determine a word that is spelled incorrectly.

Word shape features tell something about a word when it has for example character flooding, which means that a certain character is repeated more than two times in a token (e.g. haaaaaaappy). There also exists punctuation flooding, which means that an exclamation or question mark is repeated several times (e.g ???!?) (Van Hee et al. 2014). The number of capitalised words can also give information about a particular instance. In the case of Twitter analysis, a feature can also be the number of hashtags that are used in the tweet (Van Hee et al. 2014, p. 407).

In addition, as described above, a lexicon may also be used as a feature for the machine learning strategy. Then, the overall polarity can be identified on the basis of the number of positive, negative and neutral words on the average of the text length. Syntactic features, such as part of speech tags (POS), can also be added to analyse the function of a set of tokens within a sentence (Van Hee et al. 2014, p.408). Another important feature is the indication of Named Entity Features, which are used to determine the proper names used in the instances (Van Hee et al. 2014, p.408). In the case of our corpus, this can be Trump, Obama, Clinton and so on.

The number of works on sentiment analysis and the machine learning strategy is growing rapidly. As an example, already in 2002, Pang, Lee and Vaithyanathan examined the sentiment of film reviews using the learning algorithms SVM (Support Vector Machine), Naïve Bayes and Maximum Entropy Classification. In addition, Wilson, Wiebe and Hoffmann (2008) tackled the problem of contextual polarity in which a word's polarity is changed by its context. Athar (2011) used a manually annotated corpus to determine the sentiment of citations in scientific texts.

Furthermore, the research that was performed in the SemEval (Semantic Evaluation) workshops in the past few years has also provided a lot of advancements in sentiment analysis and other aspects of semantic analysis.

For SemEval-2014 (Nakov & Zesch 2014), researchers could choose from different shared tasks, among which aspect based sentiment analysis (ABSA) and sentiment analysis in Twitter.

SemEval-2015 (Nakov et al. 2015) focused on 17 tasks divided over 5 main tracks, among which also a sentiment track. With SemEval-2016, Pontiki et al. (2016) organised for the third time a shared task on aspect based sentiment analysis. 7 domains and 8 languages were included in this study, which focused on sentence-level as well as on text-level analysis. This is an example of the fact that research in sentiment classification changes rapidly.

In the early work on sentiment analysis, sentiment was analysed on text or document level (Pang, Lee and Vaithyanathan 2002), which means that the overall sentiment for the entire text or document is determined. Below text level, sentiment can also be determined on sentence or sub-sentence level. Both text or document level analysis and sentence or tweet analysis are often referred to as coarse-grained analysis. As this methodology is not very informative when sentiment is expressed for more than one subject, there is a recent tendency to perform a more fine-grained sentiment analysis. This analysis, also called aspect based sentiment analysis, assumes that the target and the sentiment are the constitutive elements of an opinion (Liu 2012, p. 11). In the sentence: "This Toshiba laptop is really fast but its sound quality is quite terrible", the person expresses a positive sentiment towards the fact

that the laptop is fast and a negative sentiment towards the sound quality (target). Nevertheless, although it is now possible to perform research on aspect level, there still exist some challenges.

For aspect-based sentiment analysis, the challenge lies in creating a system that works domain-independently, while nowadays studies concentrate on the same specific domains such as electronics or restaurants (Pontiki et al. 2016, Balahur 2011).

On top of that, it should be noted that Twitter messages are user-generated content, meaning that they may contain misspellings, abbreviations, acronyms (e.g. LOL (Laughing Out Loud, YOLO (You Only Live Once)) or slang. Rosenthal, Mc Keown and Agarwal (2014) tried to solve this problem by using an acronym dictionary together with Wiktionary and an emoticon dictionary, to improve sentiment detection.

Another challenge is the accurate classification of figurative tweets. Van Hee, Lefever, and Hoste (2015) performed fine-grained sentiment analysis on figurative tweets and studied how sarcasm or irony may affect that analysis. A similar observation was made by González-Ibañez, Muresan and Wacholder (2011), who used a corpus with tweets that were manually-labelled as sarcastic to compare these with non-sarcastic utterances. Their conclusion was that sarcasm is difficult to detect by both the machine learning techniques and by humans.

2.1.2 Emotion

Recently, researchers have not only been interested in fine-grained sentiment analysis, but have started to include emotion analysis to their field of research as this would give more information about an instance than the categories present in sentiment analysis (Strapparava & Mihalcea 2007, p.70, Suet Yan & Turtle 2016, p.73).

Emotion analysis is not only important from a scientific point of view, but also for business intelligence, as it may provide a better understanding of customers' opinions (Culotta & Cutler 2016). For emotion detection, there is also the possibility of a lexicon-based or a learning-based approach.

2.1.2.1 Emotion categories

Whereas there are only up to five possible categories in sentiment classification ((very) positive, (very) negative and neutral), the classification of emotions is not yet determined.

Emotions can for example be ranked on a continuum (a scale), which is called emotional dimension (Francisco & Gervás 2013, p. 4). Russel's circumplex model (Russel 1980, see Figure 1), for example, ranks emotions on a scale from unpleasant to pleasant, on

Figure 1: Russel's circumplex model (1980)

the horizontal axis, and a scale from activation (arousal) to deactivation (sleep), on the vertical axis. In Russel's model, emotions are then seen and measured as a degree in a circle of 360 degrees. 'Happy', for example, is situated at 7.8°. At this point, augmenting the degree means that the value of activation will increase, while that of pleasantness will decrease. Emotions that are the exact opposites of each other, will have a difference of 180 degrees (Russel 1980, p.116)
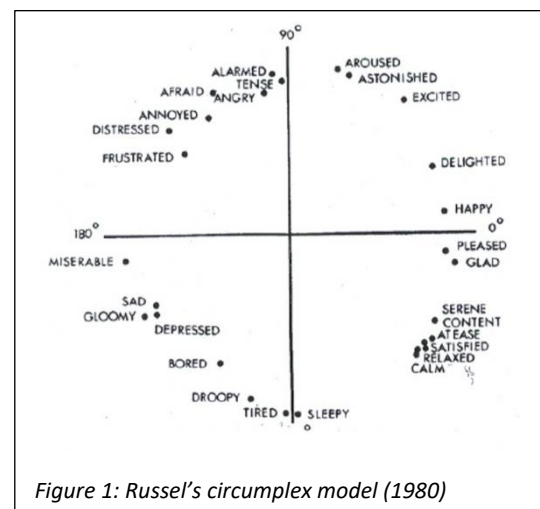
One can also see opposites in the quadrants. 'Excited', being the combination of a high level of pleasure and activation, for example, can be seen as the opposite of 'depressed', the latter being the combination of low pleasure and low activation or arousal. In the same study of Russel (1980), it was also tested whether people would be able to determine the position of the emotions without any prior knowledge. Participants were asked to determine the place of 28 emotions in 8 categories. These eight categories were the extremes of the circle, being 'aroused', 'sleepy', 'pleased', 'miserable', 'depressed', 'excited', 'distressed' and 'content'. In another exercise, 10 out of 36 participants successfully arranged the eight emotion categories on a circle, where words opposite of each other represented opposite emotions (such as 'excitement' and 'depression').

Emotions can also be viewed as emotional categories (Francisco & Gervás 2013, p. 4), which means that discrete classes with specific types of emotions are identified. For that discrete identification of emotions, there is for example the theory of Ekman (1992). He identified six basic and universal emotions: 'anger', 'sadness', 'joy', 'surprise', 'fear' and 'disgust'. These emotions have nine characteristics in common: distinctive universal signals (facial expressions), presence in other primates, distinctive physiology, distinctive universals in antecedent events, coherence among emotional response, quick onset, brief duration, automatic appraisal and unbidden occurrence (p. 175).

2.1.2.2 Automatic emotion detection

Strapparava and Mihalcea (2007) tried to identify the six basic emotions of Ekman in their machine learning analysis of newspaper headlines. A valence scale that went from 'highly negative' to 'highly positive' was also implemented. Also Chaffar and Inkpen (2011) used the emotions determined by Ekman in a machine-learning method to determine the emotion of newspaper headlines, fairy tales and blogs, using a number of features, such as bag of words.

Nevertheless, not all researchers adhere to the theory of Ekman and also identify other possible types of emotions. When studying the emotions of suicidal notes, Desmet and Hoste (2013) found fifteen different types, including 'guilt' and 'hopelessness'. Yet, in the study of Brynielsson et al. (2014) only four different emotions ('positive' ('happiness'), 'anger', 'fear' or 'other') were annotated for the tweets about hurricane Sandy. Suet Yan and Turtle (2016) used a manually-annotated corpus with 28 different emotion categories to train a learning algorithm for their fine-grained emotion analysis.

Nonetheless, as most of the studies on emotion analysis make usage of an annotated corpus, it is also possible to implement a lexicon-based approach. Staiano and Guerini (2014) built Depeche Mood, which is a lexicon of 37,000 words that can be used for the analysis of emotions. Bandhakavi et al. (2014) made usage of an emotion- labelled corpus that can be used to develop a lexicon automatically. The results for the data in the experiment show that the system which relied on the automatically-generated lexicon leads to a better classification performance in comparison with other manually-built lexicons, such as WordnetAffect Affect (Strapparava & Valitutti 2004). Another interesting study was performed by Pool and Nissim (2016), who used the new reaction possibilities on Facebook posts as an emotion label to help determine the emotion of a particular post. A widely used lexicon is SenticNet (Cambria & Houssain, 2012). This is a lexicon with over 50, 000 concepts that are linked with four possible dimensions ('pleasantness', 'attention', 'sensitivity' and 'aptitude').

In this study, we will analyse the emotions in tweets about Donald Trump on the basis of 16 emotion categories. These emotions were extracted from the emotion models from Russel (1980), Ekman

(1992) and Suet Yan (2016). A list and a more detailed motivation for the choice of these emotions can be found in section 3.3.2.

2.2 Reputation

Emotion analysis can give the opportunity for businesses to monitor the emotions of their customers. Reputational damage may be averted when they respond effectively and rapidly to these emotions (Poels & Hoste 2015, p.49). This section intends to provide a non-exhaustive overview of a number of important and recent works and articles on corporate reputation and Online Reputation Management.

Carroll defines reputation as "how a person views another person, an industry or even a country and that a certain reputation can change according to events on or contexts." (2013, p. 15).

In 2011, Carroll, Greyser and Schreiber described the different types of reputation in the ACID framework (p. 467): the actual reputation, the communicated reputation, the conceived (or perceived) reputation, the construed reputation, the covenanted reputation, the ideal reputation and the desired reputation.

The type of reputation this master's thesis will take into account is that of the perceived or conceived reputation, which is the reputation of how a company- or in this case Donald Trump- is conceived by people, for instance Twitter users.

Before the internet and Web 2.0, when people had a negative experience with a company or a product, there were only a few options to share that experience. They could write a letter or talk about the negative experience with friends and family, who could then retell the story to others. Now, in the era of Web 2.0, people have the possibility to tell their negative experience to the rest of the world in just a few clicks. Social media, such as Twitter, give the opportunity to spread negative or positive opinions about a company or a person.

Varey (2013) argues that 'word of mouth' in the era of internet has become 'word of mouse', meaning that messages are not told from one person to another but they are told simultaneously to a large group of impersonal persons (p. 114). In 2009, Jansen et al. found that microblogging, including Twitter, is an important medium for online word of mouth communication about companies and that this has implications on their marketing strategy. As a consequence, the online reputation of an entity can be considered the real reputation of that entity (Fetik & Thompson 2010, p. 6).

Wright and Hinson (2014) analysed social media and their relations with public relations for nine years. They found that since 2014 Twitter has surpassed Facebook as the social medium that is most used for public relations. On top of that, the study revealed that the importance of mainstream news media is weakening in favour of social media. O'Connor and Balasubramanyan (2010) compared polls on public

opinion with tweets about the same topic. Sentiment analysis of the tweets indicated that there was a high correlation (up to eighty per cent) between the tweets and the opinion polls.

Park and Min Lee (2007) studied the possible effects that online news forums might have on corporate reputation. They found that multiple positive comments about a company on news sites provided for a higher positive perception. On the other hand, they found that only one negative comment was enough to have a negative impact on the corporate reputation.

Good reputation management should take into account the enormous impact and influence of social media. Because of that, Online Reputation Management has become increasingly important over the past few years (Mc Corkindale & Di Staso 2013). Tracking a company's or, in this case, a public figure's reputation manually takes a lot of time, money and effort. In order to make this task less time-consuming, researchers have been searching for ways to automatically track the online reputation of a company or business. In recent years, Social Media Monitoring tools have become more popular. CX Social (http://cxsocial.clarabridge.com) for example, (Ghent, Belgium) tracks the presence and conversations about certain companies on social media. Yet, there is still a lot of research needed to create real Online Reputation Management (ORM) systems. To this end, RepLab was created, which is a competition that evaluates ORM's on certain aspects, mainly for Twitter. In RepLab2014, the task included the classification of the dimensions of reputations (including products and services, leadership, citizenship, governance, etc. and author profiling) (Amigó et al. 2014).

Also outside the framework of the RepLab competition, researchers have tried to measure the reputation of a company or person. Cossu et al. (2014) analysed the reputation of François Hollande and Nicolas Sarkozy in French tweets using specialists in political science as their main annotators. The reputation of both Hollande and Sarkozy was measured before, during and after the presidential elections of May 2012. Their aim was to make an automatic reputation monitoring system for the French language and French entities, where it was seen that the negativity against François Hollande increases to 79 per cent in the months after his election.

Perez-Tellez et al. (2011) did research on automatically determining whether content is useful for reputation monitoring tools or not. This means that tweets had to be divided into customer tweets and tweets that were not related to a particular company. Lynch and Cunningham (2014) performed a similar study when they wanted to label tweets as coming from expert sources or from customers.

El Marrakchi, Bensaid and Bellafkih (2015) made a Social Media Monitoring Tool that also provided a reputation score, using sentiment and context analysis. Cossu et al. (2015) did research on reputation alert, which alerts whether a comment on Twitter has a considerable implication for the reputation of a company. This alert could, for example, be triggered on the basis of the followers, type and number

of comments of the tweet author by means of author profiling. The profiling combined manual expert annotations and simple machine learning techniques which showed good results on unseen data.

Nevertheless, up until now, researchers have not linked emotion detection with reputation or a Reputation Monitoring Tool. The aim of this master's thesis is to assess the reputation of President Donald J. Trump at critical moments before, during and after the presidential election through annotations of the emotions expressed in tweets about Donald Trump. Furthermore, we investigate the feasibility of automatically detecting these emotions by evaluating the performance of a simple machine learning system for emotion classification trained on our manually labelled corpus.

3. Methodology

This section will give an overview of the method of this study. First, the research questions will be stated , followed by an explanation of the annotation process and a description of the corpus. Further, we give an overview of the moments that were analysed in the corpus and of the emotions that could be indicated during the annotation process. The last part is a description of the machine learning system that was set up for this master's thesis.

3.1 Research questions

The aim of this study is to investigate a few research questions on the basis of a manually labelled corpus. To answer our main research question "What is the reputation of Donald Trump on Twitter?", we formulated the following smaller research questions:

1. What are the typical emotions expressed in political tweets?

2. Are emotions lexicalised? If so, how?

3. In combination with which emotion is irony most present?

4. Is there a correlation between sentiment and emotion?

5. How well does the machine learning system work?

3.2 Annotation process

To allow for a thorough corpus analysis and the development of an automated emotion detection system, we annotated a corpus of tweets about Donald Trump. The tweets were annotated on a number of characteristics (see appendix I for annotation guidelines, appendix II for a description of the corpus and appendix IV for the corpus):

1. whether the tweet contained an emotion or not

   Tweet 168: @realDonaldTrump There is no evidence of corruption after decades of investigations, but facts don't matter to #trump. (emotion?: 'yes')

2. which emotion the tweet contained

   Tweet 181: Fed up #NeverHillary #NeverTrump (emotion: 'frustration')

3. which words described the emotion

   Tweet 328: @WSJ #ElectionNight #Trump shame on you Americans! (words emotion: 'shame on you')

4. the explicit target

Tweet 192: The media (propaganda) is a wake up call to this country!we do not want to live in a communist country!vote #Trump (target: 'the media')

5. the implied target

Tweet 9: @JPE_814: Saw a girl wearing a #MakeAmericaGreatAgain hat on my way to class. At least she has some brains! (implied target: 'Trump')

6. whether the emotion was conveyed implicitly or not

Tweet 11: SupermanHotMale: #BOOM|I love my @FLOTUS and I love when she speaks truth to #Trump!!! (implicit?: 'no')

7. modifiers that made the emotion weaker or stronger

Tweet 55: I really dislike #Trump and all of his Children Of The Corn looking offspring. (That's my contribution to Eric Trump trending). (modifier: 'really')

8. the second emotion of the tweet (if appropriate)

Tweet 57: I now have 3 #democrat friends joining the #TrumpTrain #TrumpStrong #MAGA #TrumpPence16 thanks #Kaine for opening their eyes! (second emotion: 'gratitude')

9. number 3-7 about the second emotion

Tweet 75: You know I can't understand how #NeverTrump'ers can hate on #Pence. He is the absolute best man for the VP, maybe even future Pres...(second emotion: 'admiration'; words emotion: 'the absolute best man'; target: '#Pence'; implied target: 'Pence'; implicit?: 'no'; modifier: 'absolute')

10. whether the tweet contained irony or not

Tweet 83: Oh the debates 'sigh' I love the African Americans… oh and the Latinos and the Hispanics. #Trump is such a lovable oaf (insert heavy sarcasm) (irony?: 'yes')

11. the first sentiment of the tweet

Tweet 81: #Trump There was nothing in Trump's debate performance that widened his appeal to independents. Quite the opposite they find him frightening   (first sentiment: 'negative')

12. the second sentiment of the tweet

Tweet 85: @ShtPaperBrand: #TRUMP HAD THE #ANGER AND #AGGRESSION #TONIGHT #DEBATE HE #WINS WITH #KO #KNOCKOUTS #VICTORY - #THISTIME #TRUMPWON #HANDSDOWN #BABY #WIN !! (second emotion: 'very positive')

13. the words of the first sentiment

Tweet 94: #Trump lies so easily. Lies and hatred roll off his tongue. Trump is nauseating. Truly a hideous person. @dncpress @DFAaction #bully   (words sentiment: 'lies', 'hatred', 'nauseating', 'hideous'; '#bully')

14. the words of the second sentiment

Tweet 95: Like Lyin Trump the only thing you need do for me @tschanuth is fek off @realDonaldTrump #NEVERTRUMP #UNFIT will NEVER BE PRESIDENT (words sentiment: 'lyin')

15. of whom the Tweet author would be in favour or not

Tweet 120: Apparently admitting to sexual crimes is just locker room talk„ #nevertrump (favourability: 'not Donald Trump')

3.3 Corpus

In total, the final corpus consists of 556 tweets. The tweets were retrieved between 28 September and 11 November on the basis of a number of hashtags that were trending at that time (see further). In this period, there was a crawl every two days, with a limit of 30, 000 tweets. Later, these tweets were cleaned, which means that html tags were left out. Tweets that appeared twice or more, were also deleted from the initial corpus, which ultimately led to 290, 000 tweets.

The following is an indication of the number of tweets that was retrieved for each of the hashtags.

#NoTrump: 477	#DonaldDeplorable: 76
#TrumpHate: 54	#Trump: 100,840
#DumpTrump: 5,445	#MakeAmericaGreatAgain: 19,199
#MakeDonaldDrumpfAgain: 318	#TrumpTrain: 33,619
#LoveTrumpsHate: 3,483	#TrumpPence2016: 4,593
#NeverTrump: 33,733	#TrumpRally: 318

As a corpus of 290, 000 tweets would have been too time-consuming to annotate, this initial corpus was reduced on the basis of important moments during the American presidential election. In total, seven important moments during the election were chosen to see whether these moments had an impact on the tweets. These moments can either be presidential debates, scandals or the election itself, and are further explained in the next section (3.3.1). For each of the moments, 80 tweets were chosen according to the following process: for each particular moment, the total number of tweets (e.g. 24, 000) was divided through 80 (300), meaning that every 300th tweet was included in the final corpus. Tweets that contained URL's were not included in the corpus. If the 300th tweet contained an URL, the next (or even the one next to that) was added to the final corpus. In the final corpus some tweets had to be deleted as they still contained a URL. This eventually led to a corpus of 556 tweets that needed to be annotated.

3.3.1 Important moments during the American elections

The tweets in the corpus were chosen on the basis of a number of important moments during or after the American presidential elections. These moments are explained further in this section. However, sometimes, it was not possible to retrieve the tweets of an exact day. This was mostly because tweets were limited to 30, 000 per day, which means that sometimes no tweets were retrieved after 8 o'clock in the morning. If the event (for example a debate) happened in the evening, it was decided to retrieve the tweets from the next day. Yet, sometimes tweets were not retrieved for several days, because of a technical problem. We selected the following seven important moments for our study:

First debate and following days

The first important moment is that of the first presidential debate on 26 September 2016 (Election Central s.d.). Yet, as tweets were not retrieved on that day, it was decided to analyse tweets in the run-up to the second presidential debate. This means that on 28, 29 and 30 September and 3, 4, 5, 6 and 7 October tweets were retrieved. For each day, ten tweets were retrieved. This was done according to the same process which is described in the section above (3.3).

Second debate and leaking of Trump's tape

The Second presidential debate between Hillary Clinton and Donald Trump was held on 9 October 2016 (Election Central s.d.). The corpus contains eighty tweets that were retrieved on 10 October. As no tweets could be retrieved on 8 October, the morning after the release of Trump's tape (The Washington Post, 8.10.2016), it was also decided that the tweets of 10 October would be used to analyse the reaction on the leaking of the tape of Donald Trump. On this 2005-tape, Trump is heard boasting about using his celebrity status to seduce and touch women, which caused a lot of disgust.

Third debate

The Third presidential debate was held on 19 October 2016. During this debate, Donald Trump announced that he would accept election results only if he won (NBC News, 20.10.2016). As no tweets were retrieved between 20 and 24 October, it was decided to take the tweets on 19 October, the morning before the third debate.

F.B.I investigation Clinton

On 28 October 2016, the F.B.I announced that it would re-open the investigation into the private e-mails of Hillary Clinton (The Washington Post, 28.10.2016). The investigation involved the usage of a private server rather than the federal e-mail server which she should have used for classified information. As the investigation was re-opened just two weeks before the presidential election, this

caused a lot of controversy and Trump supporters began saying phrases like 'Lock her up'. As no tweets were retrieved on 29 and 30 October, it was decided to examine tweets retrieved on 31 October.

<u>Election day</u>

On 8 November, Americans had to vote who they wanted as their next president (The Huffington Post, 01.04.2016). Tweets were retrieved on 8 November to show the suspense before the announcement of the winner of the American elections.

<u>Election result</u>

The final election result was announced on 8 November 11:40 p.m. PT (New York Times, 8.11.2016). Tweets about the reactions were retrieved on 9 November.

<u>Protests after the election result</u>

Many Americans did not want to accept the election result and started protests and riots after the announcement. The protests took place all across America in which many protesters shouted 'Not my President' (The New York Times, 9.11.2016). Reactions on these protests and also on the election result were retrieved on 11 November.

<u>3.3.2 Emotions in this study</u>

For this study, the annotator had to indicate which emotion was conveyed in each of the tweets. The list of emotions the annotator could choose from was composed of the sixteen following emotions:

'Anger', 'disgust', 'joy', 'surprise', 'sadness', 'fear', 'frustration', 'satisfaction', 'admiration', 'conviction', 'doubt', 'hope', 'regret', 'gratitude', 'love' and 'indifference'

These emotions were extracted from the emotion models of Russel (1980), Ekman (1992) and Suet Yan & Turtle (2016).

Initially, the aim of this study was to annotate tweets on the basis of Ekman's emotion model (1992). He identified six basic and universal emotions ('anger', 'sadness', 'joy', 'surprise', 'fear' and 'disgust') on the basis of facial expressions. A random test corpus of 73 tweets about Donald Trump was created and annotated on the basis of this model.

Yet, it was found that some of the tweets could not be annotated on the basis of Ekman's classification. For example, many of the tweets conveyed the emotion 'frustration', but this emotion is not included in Ekman's model. Overall, 60 per cent of the tweets in the test corpus could not be annotated or could only be annotated partially. Therefore, the emotion models of Russel (1980) and Suet Yan & Turtle (2016) were added to the six emotions of Ekman.

The emotion model of Russel (1980), in contrast to Ekman, is a dimensional framework. It is called the circumplex model, and ranks emotions on a scale from unpleasant to pleasant (valence) and a scale from activation (or arousal) to deactivation (see section 2.1.2.1). Not all emotions in this model were used for the annotation. As the emotions in each of the four corners are closely related to each other, it was decided tp select one emotion in each corner: 'happy', 'sad', 'frustrated' and 'satisfied'. As the emotions 'happy' and 'sad' were already included in the model of Ekman, they were not included a second time.

Suet Yan & Turtle (2016) used a manually annotated corpus of tweets with 28 different emotion categories.

Class	n	%
Admiration	132	2.38
Amusement	216	3.89
Anger	409	7.37
Boredom	10	0.18
Confidence	15	0.27
Curiosity	27	0.49
Desperation	7	0.13
Doubt	44	0.79
Excitement	228	4.11
Exhaustion	7	0.13
Fascination	47	0.85
Fear	65	1.17
Gratitude	176	3.17
Happiness	697	12.55
Hate	52	0.94
Hope	132	2.38
Indifference	24	0.43
Inspiration	16	0.29
Jealousy	5	0.09
Longing	27	0.49
Love	172	3.10
Pride	70	1.26
Regret	40	0.72
Relaxed	25	0.45
Sadness	137	2.47
Shame	22	0.40
Surprise	83	1.49
Sympathy	31	0.56

Figure 2: Emotion categories Suet Yan and Turtle (2016)

Yet, as this model contains many categories, not all types of emotions were included for the annotation of the tweets about Donald J. Trump. These emotions were not included for a number of reasons. Firstly, because some emotions had already been included on the basis of the model of Ekman ('anger', 'fear', 'happiness', 'sadness' and 'surprise').

Secondly, some emotions were too closely related to emotions that were already in the list of possible emotions, which would have made the annotation too confusing and difficult. For example, 'Amusement' is closely related to 'joy'. 'Joy' is less aroused than 'amusement'. Yet, the boundary between the two would be too difficult to draw for this annotation. On the same basis, 'boredom', was excluded from this list in favour of 'indifference' and 'fascination' in favour of 'admiration'. Accordingly, 'pride' and 'sympathy' were excluded in favour of 'admiration'.

'Desperation' was excluded on the basis that this emotion would mostly include the emotions 'sadness' and 'fear'. 'Excitement' was excluded because it is closely related to the combination of 'joy' and 'surprise'. On top of that, 'hate' was excluded because it often involves 'anger' and 'disgust'.

The categories that were least frequent (less than 0.50 %) in the tweets of Suet Yan & Turtle were also excluded as they would probably be very infrequent in our examples too ('confidence', 'curiosity', 'exhaustion', 'inspiration', 'longing', 'relaxed', 'shame' and 'jealousy'). However, 'indifference' was not excluded as the annotation of our test corpus showed that this emotion was more present in our corpus than in that of Suet Yan and Turtle (1.5 %) .In sum, from the 28 categories from Suet Yan & Turtle, 7 emotions were chosen for our annotation: 'admiration', 'doubt', 'gratitude', 'hope', 'love', 'regret' and 'indifference'.

The emotion 'conviction', viz. a strong belief or opinion about someone, was included, though not present in any of the emotion models, as our test corpus showed that this emotion was sometimes (in 2.4 % of the tweets) indicated as an alternative when the tweet could not be annotated on the basis of the emotions of Ekman.

3.4 Automatic emotion detection

On the basis of the annotated corpus a small machine learning system was built. The system was based on character bigrams that were inferred from the training data. Then, tenfold cross-validation was performed on the data with Support Vector Machine with a linear kernel. The tenfold cross-validation means that the initial corpus would be divided in 10 parts randomly. In the first fold the data would, for example, be split in 90 per cent training data and ten per cent test data. The percentage changes for every fold and eventually every tweet will be used as test and as training data at least once. Annotations were used as the gold standard, more specifically the annotations of the first emotion category. The second emotion category was not included in this system.

4.Results

4.1 Corpus analysis

in this section, we will detail some of the most important findings from our annotations of the tweets. In the first part, the analysis will only take into account the data separately. In the second part, there will be a comparison of, for example, emotion and sentiment on the basis of pivot tables that were made in Excel. The third part will divide the overall results into results per moment in the election. The last part is an overview of the lexicalisation of the emotions in this corpus.

4.1.1 Emotion presence

Figure 3: Emotion presence

Yes	No
546	10

Table 1: Emotion presence
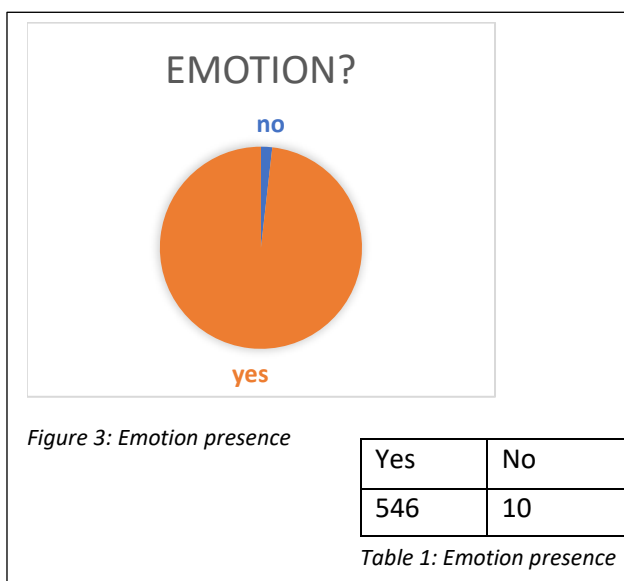
It can be seen from Figure 3 that the overall majority of tweets contain emotions. Only 10 out of 556 tweets or 2 per cent (see Table 1) are purely informative and do not convey any emotion. If a tweet was not clear on this part, it was decided to indicate the tweet with 'no emotion' (see Example 1) as it would have been too difficult to pinpoint the specific emotion when the annotator was not sure whether it really contained an emotion.

> (1) Tweet 393: During the primaries, #Trump usually lost the #vote of voters who were late deciders. The exit #polls suggest that he won late deciders. ('no emotion')

> (2) Tweet 385: Really tried to stay up until 270, but I keep falling asleep. I hope a miracle happens while I'm sleeping. #ImWithHer #NeverTrump (emotion: 'hope' and 'frustration')

4.1.2 Emotion categories
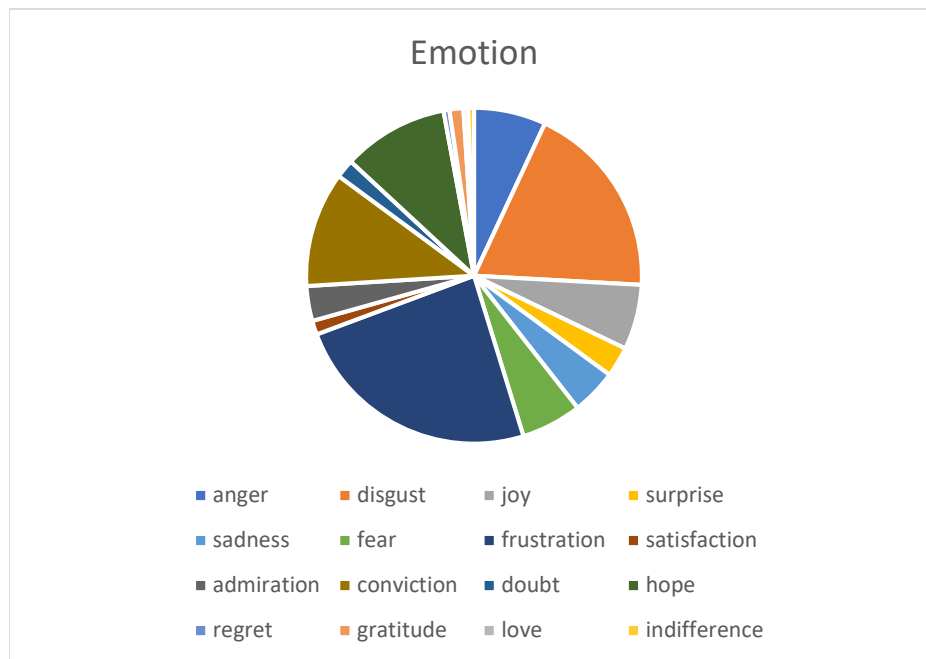
Figure 4: Emotion categories

Anger	62
Disgust	169
Joy	56
Surprise	26
Sadness	39
Fear	52
Frustration	215
Satisfaction	12
Admiration	30
Conviction	99
Doubt	16
Hope	91
Regret	5
Gratitude	12
Love	4
Indifference	5
Total	893

Table 2: Emotion categories

During the annotation, it was possible to indicate a second emotion for each tweet, which means that sometimes a tweet contained one emotion and sometimes two. In this section, only the combination of the first and the second emotion is mentioned, as both the first and the second emotion had a very similar division between the emotion categories. From Figure 4, it can be seen that most of the tweets conveyed the emotion 'frustration', accounting for 24 per cent of the instances. 'Love', 'indifference' and 'regret' are the least present in the combined emotion diagram, with less than 5 instances each, just a fraction out of the 893 instances.

'Disgust' is the second most conveyed emotion and accounts for 19 per cent of the total number of tweets and 'conviction' is the third most important, with 99 instances. 'Joy' and 'fear' are almost equally present in the corpus, respectively 56 and 52 times. 'Surprise' and 'gratitude' were not often conveyed and only account for respectively 3 and 1 per cent of the corpus. Twitter users were 'sad' in 39 of the 893 conveyed emotions, while they had 'hope' in almost 10 per cent of the cases. 'Doubts' were cast a total of 16 times and twitter users were 'angry' 62 times. They 'admired' someone or something 30 times or 3 per cent of the total emotions conveyed.

4.1.2.1 Division of the emotion models

This section will give an overview of which of the emotion models of Ekman (1992), Russel (1980) and Suet Yan and Turtle (2016) could have been used to annotate the most tweets in this corpus. Ekman's model consists of the following emotions: 'anger', 'sadness', 'joy', 'surprise', 'fear' and 'disgust' (see Examples 3,4,5,6,7 and 8). These emotions are amongst the emotions that are most used within the corpus. 'Disgust' is the second most frequently used emotion in the corpus. Yet, 'frustration', which was conveyed the most, is not present in the model of Ekman. Other emotions that were also often conveyed, such as 'hope' and 'conviction', are not present in this model either. In total 404 out of 893 emotions could have been annotated on the basis of the model of Ekman.

Not all emotions of Russel's circumplex model are used in this study. Only the four corners of the model: 'happy', 'sad', 'frustrated' and 'satisfied' (see Examples 5,7, 9 and 10) are used as emotions that could be annotated in the corpus. 'Happy', which refers to 'joy' in this corpus, accounts for 56 out of 893 instances. 'Sadness' and 'satisfaction' are only present 39 and 12 times respectively. However, this model includes 'frustration', which is the emotion that is most present in the corpus, accounting for 215 out of 893 cases. In total 322 out of a total of 893 emotions could have been annotated solely on the basis of the emotions that were extracted from the model of Russel in this study.

The emotions that we extracted for this corpus from the study of Suet Yan and Turtle (2016) are the following: 'anger', 'joy', 'surprise', 'sadness', 'fear', 'admiration', 'doubt', 'hope', 'regret', 'gratitude', 'love' and 'indifference' (see Examples 5, 6, 7, 8, 11, 13, 14, 15, 16, 17, 18). All of these emotions account for 394 out of 893 emotion instances. 'Hope', which is not present in the emotion models of Ekman and Russel, accounts for the largest number of emotion instances: 91. Ekman's emotions 'joy', 'sadness', 'surprise' and 'fear' are the emotions of Suet Yan and Turtle which are most present. Yet, the other emotions only account for a small number of the total corpus. 'Indifference', which also has a low frequency percentage in their study (0.43 per cent) , has a slightly higher percentage of 0.55 per cent in this corpus.

> (3) Tweet 10: 'Anger' and 'frustration': @AnnCoulter you are a #failed author. Voting #trump loses interest. People look for quality books and not for degrading low iq gossip

> (4) Tweet 33: 'Disgust' and 'anger': #Trump supporters are White Supremacists, Morons, Pedophiles, Anti Semites and #Racists, but even they know that BILLIONAIRES MUST PAY TAXES

> (5) Tweet 418: 'Joy': #TrumpTrain #maga is already happening! Just heard an Ace Hardware commercial saying Merry Christmas! #boycottgrubhub

(6) Tweet 82: 'Surprise' and 'disgust': As a former #debate pro, I'm blown away by #Trump's pivot from a Q about #sexualassault to...#ISIS. Clumsy, horrifying, loser-y. #misogyny

(7) Tweet 105: 'Sadness' and 'frustration': It hurts my heart to see strong women defend Donald Trumps actions & words. It is a huge step backward for all of us. #Trump

(8) Tweet 279: 'Fear': #Education is at stake #Equality is at stake #Health of our #Planet and #Children are at stake #BeforeTheFlood #imwithher #LoveTrumpsHate

(9) Tweet 283: 'Frustration' and 'conviction': How much shit did I take for saying #NeverTrump was pure semitism? Then they nominate a TWO Jew ticket. Can't be coincidence. I was right.

(10) Tweet 280: 'Satisfaction' and 'joy': @NewWorldNewAge already did and proudly voted for #Trump. Felt great!

(11) Tweet 350: 'Admiration' and 'joy': So proud of all the hard work @realDonaldTrump has put in. He finally won!! #MakeAmericaGreatAgain

(12) Tweet 384: 'Conviction' and 'satisfaction': #Trump makes the world a safer place....no war with Russia...and more help for unborn Americans. God willing! #ElectionNight

(13) Tweet 416: 'Doubt' and 'frustration': #trump. Will even one of these protesters honour Veterans Day?   Would even one of them?

(14) Tweet 455: 'Hope' and 'disgust': @luhanWho keep making this country divided. Hope you and all the pc people finally realize they are hypocrites and shut the fuck up #trump

(15) Tweet 78: 'Regret' (irony) and 'fear': Sorry, Donald #Trump, but you looked scary tonight. Frowning. Restlessly pacing around. Looking like a mad Mussolini. #Unpresidential.

(16) Tweet 526: 'Gratitude': @KurtEichenwald THANK YOU SO MUCH FOR tweeting/posting the findings of your #Trump investigations published in @Newsweek!!!

(17) Tweet 148: 'Love' and 'disgust': RT @caltanzee: I love the way #Trump put checkmate on Anderson cooper & slap down hilary Clinton on lying about the emails.She got cornered like a rat

(18) Tweet 311: 'Indifference' and 'disgust': @preueth|I don't care about Democrats OR Republicans. There's a lot of shit on both sides.|That's what drives the #Trump movement.

<u>4.1.3 Sentiment</u>

Figure 5: Negativity first emotion

Figure 6: Negativity second emotion
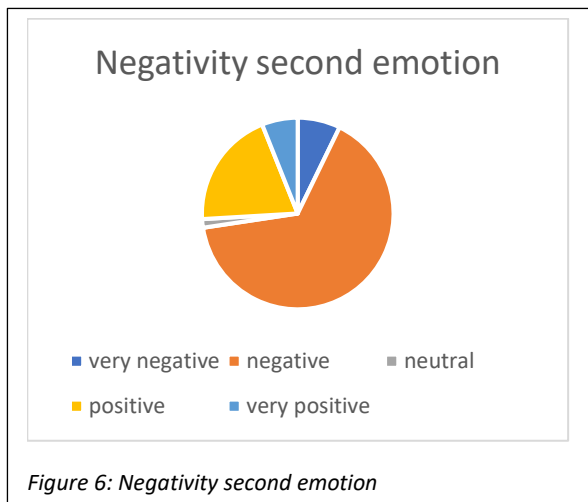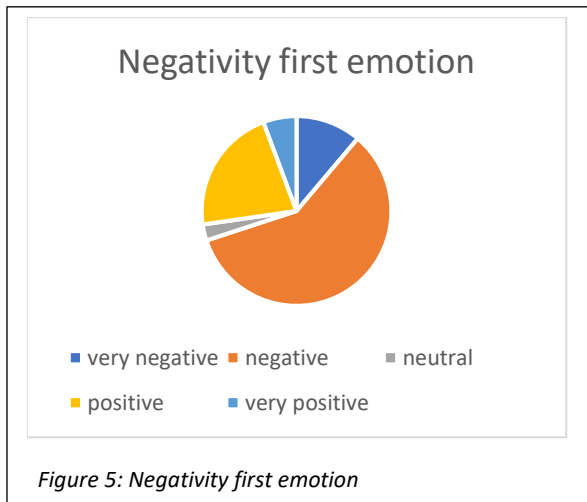
Figures 5 and 6 show that the division between negativity and positivity for both the first and the second emotion is fairly similar. In most of the tweets, the sentiment is negative, 59 per cent for the first emotion and 65 per cent for the second emotion (see Example 20). 1 in 5 tweets contain a positive sentiment (see Example 22). Only 3 per cent of the first emotion and 1 per cent of the second emotion are neutral (see Example 21). Extreme positivity or negativity was also seen in some cases. Very negative is most used in both emotions instances : 11 per cent for the first emotion and 7 per cent for the second emotion (see Example 19). Extreme positivity has an equal percentage of 6 per cent for the first and the second emotion (see Example 23).

(19) Tweet 429: 'Very negative' ('disgust'): RT @PhilipJoel: Im not crying cos #trump won. I'm crying cos Racism Won. Sexism Won. Homophobia Won. Hate Won. Money Won. Stupidity Won.

(20) Tweet 433: 'Negative' ('frustration' and 'anger'): Wow. The #Trump riots are still just a bunch of millennials trying to get internet famous. Get the fuck out of here.

(21) Tweet 102: 'Neutral' ('doubt' and 'conviction'): #debate Does @mike_pence have the courage and conviction of his religion to drop #Trump? He needs to do what is right for his country.

(22) Tweet 177: 'Positive' ('gratitude' and 'conviction'): @notTrumpfoPrez @HillaryClinton Thanks man. We got to stand together and defeat this thug revolution. #ImWithHer #NeverTrump

(23) Tweet 37: 'Very positive' (love and joy): #BOOM|I love my @FLOTUS and I love when she speaks truth to #Trump!!!

Irony

NO   YES

Yes	No
506	41

Figure 7: Irony

Table 3: Irony
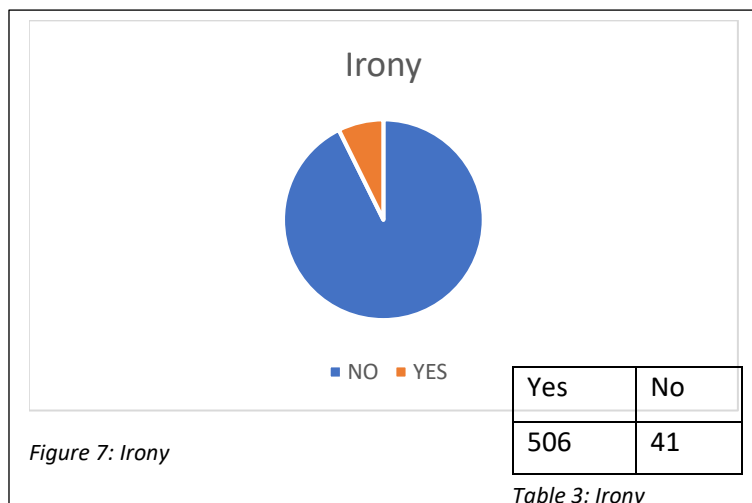
If a tweet contained an emotion, the annotator also had to indicate whether the tweet was ironic or not. Out of 546 tweets that contain an emotion, 40 tweets also contain irony, which accounts for 7 per cent of the corpus. In Example 24 the part where the tweet author says "Guess he wasn't strong enough' is ironic. Example 25 shows a tweet author who writes that Donald Trump is a "lovable oaf" but he or she does not seem to mean it. This becomes clear by "(insert heavy sarcasm)".

(24) Tweet 50: I knew a young #USMC vet who suffered from #PTSD & addiction. He took his life yesterday. Guess he wasn't strong enough. Go to hell #Trump.

(25) Tweet 83: Oh the debates 'sigh' I love the African Americans… oh and the Latinos and the Hispanics. #Trump is such a lovable oaf (insert heavy sarcasm)

4.1.5 Favourability

Figure 8: Favourability
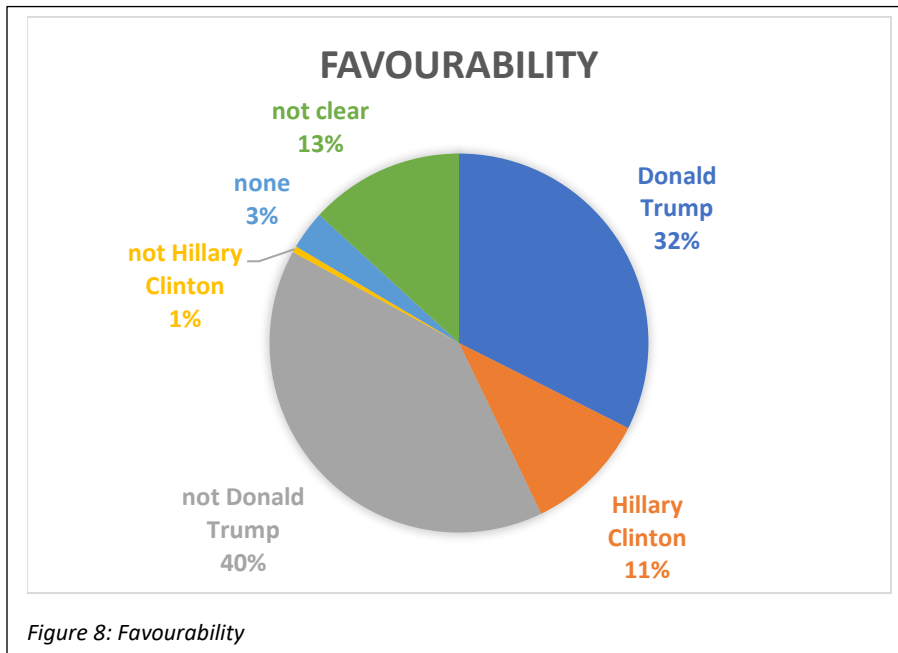
Donald Trump	177
Hillary Clinton	57
Not Donald Trump	219
Not Hillary Clinton	3
None	18
Not clear	72
Total	546

Table 4: Favourability

If a tweet contained an emotion, the annotator also had to indicate which presidential candidate the author of the tweet was most likely to vote for. Mostly, the favour for a particular candidate would be clear due to certain hashtags, such as '#ImWithHim', '#ImWithHer', '#MAGA', '#MakeAmericaGreatAgain', '#TrumpTrain' and so on (see Examples 26-30). Sometimes a tweet did not exactly contain words or hashtags that indicated that they would like to vote for someone, but indicated whom they definitely did not like by for example '#LockHerUp' or '#NeverTrump'. In some cases the tweet was not clear about the preferred candidate. Then the tweet was annotated with 'not clear'. If a tweet contained anger towards both candidates, this was indicated with 'none'.

This corpus not only contains tweets from American citizens, but also tweets that were posted all around the world. Consequently, this method could not be used to predict the outcome of the American elections. Nevertheless, it can indicate the popularity or non-popularity of a particular presidential candidate.

Figure 8 and Table 4 indicate that most of the tweets (40 % or 177 out of 546 tweets) are against Donald Trump (see Example 29). Yet, surprisingly, the number of Twitter users that are in favour of Donald Trump is 32 per cent of the tweets (see Example 26). This means that the majority of Twitter users are either in favour of Donald Trump or against him. The number of tweets that contain elements in favour of Hillary Clinton is much lower: 11 per cent (see Example 27) , while only one per cent of tweets are against Hillary Clinton (see Example 29). In 7 out of 546 tweets (13 %) the author was not clear about his or her favourability for a particular candidate.

Only 3 per cent of the Twitter users in the corpus indicated in their tweets that they were not in favour of both candidates (see Example 30).

(26) Tweet 9: 'Donald Trump': Saw a girl wearing a #MakeAmericaGreatAgain hat on my way to class. At least she has some brains!

(27) Tweet 12: 'Hillary Clinton': :#obamatownhall Watching @POTUS makes it obvious how incredibly unfit #Trump is. There is only one sane choice #ImWithHer #NeverTrump

(28) Tweet 16: 'Not Donald Trump': swoozyqyah his refusal to pay taxes is a big screw u to all of us|His gifts are chump change for a true millionaire. #NeverTrump

(29) Tweet 353: 'Not Hillary Clinton': Are #NeverTrump folks ready to become never Clinton voters yet?

(30) Tweet 266: 'None': @bodysculptorokc Ya know ...I'm #NeverTrump #NeverHillary ||Nice to know ya though.

4.1.6 Pivot tables

4.1.6.1 Sentiment and emotion
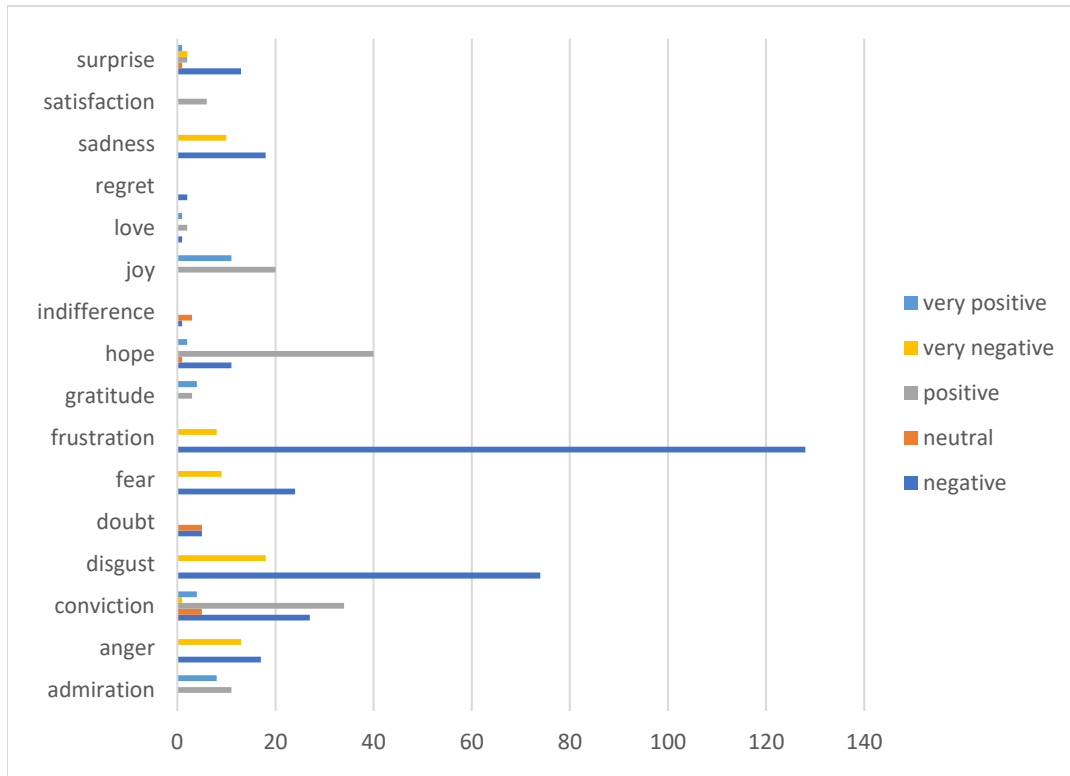
Figure 8: Pivot table sentiment and emotion

	Negative	Neutral	Positive	Very negative	Very positive	Total
Admiration			11		8	19
Anger	17			13		30
Conviction	27	5	34	1	4	71
Disgust	74			18		92
Doubt	5	5				10
Fear	24			9		33
Frustration	128			8		136
Gratitude			3		4	7
Hope	11	1	40		2	54
Indifference	1	3				4
Joy			20		11	31
Love	1		2		1	4
Regret	2					2
Sadness	18			10		28
Satisfaction			6			6
Surprise	13	1	2	2	1	19
Total	321	15	118	61	31	546

Table 5: Pivot table sentiment and emotion

Table 5 mentions the number of tweets that are used for each first emotion combined with the sentiment. Figure 8 represents the same data. 'Frustration' was conveyed the most number of times, and mostly the sentiment it conveyed was negative. A very negative sentiment is only found in 8 out of 136 cases. With the emotion 'admiration', the number of positive and very positive instances is more balanced, 11 times positive and 8 times very positive.

'Anger' was conveyed 17 times in a negative way and 13 times in a very negative way. 'Conviction', i.e. a strong belief or opinion about someone, has a more complicated pivot table, as it was conveyed for all types of sentiment, except for neutrality. The sentiment is more or less balanced between (extreme) positivity and (extreme) negativity. 'Disgust', which was also one of the emotions with a large number of occurrences, is indicated more as negative than as very negative (74 versus 18 times). 'Doubt' is equally balanced between negativity and neutrality. 'Fear' is in 9 times out of 24 issued as very negative.

'Gratitude' does not have a high number of occurrences, but the number is almost equally balanced between positivity and extreme positivity. The occurrence of 'hope' is divided between three sentiment types. The emotion is most present as a positive sentiment and 11 times as a negative sentiment, which means that the author did not have much hope. Once, it was conveyed as a neutral sentiment.

'Indifference' was one time conveyed as a negative sentiment, but other times it has a neutral connotation . Slightly more than 1 in 2 indications of the emotion 'joy' are very positive. 'Love' was one time conveyed as a negative sentiment, the other times the sentiment is either positive or very positive. 'Regret' is only found with a negative sentiment. In 1 out of 3 times, the sentiment of the emotion 'sadness' was conveyed in a very negative manner. 'Satisfaction' is only indicated as positive. 'Surprise' also has a more complicated pivot table, as the emotion is mostly indicated with a negative sentiment. Once, 'surprise' is neutral and positivity and extreme negativity are both indicated 2 times. There is also one case of extreme positivity together with 'surprise'.

Generally, these figures show that negativity is mostly related with negative emotions, such as 'frustration', 'disgust', 'anger', etc. The opposite is also true as positive emotions (e.g. 'joy', 'love') are mostly found with a positive sentiment. Some emotions have a more complicated pattern, such as 'conviction' or 'surprise'.

4.1.6.2 Emotion and Irony

4.1.6.2.1 Emotion 1 and irony

	No	Yes	Total
Admiration	19		19
Anger	29	1	30
Conviction	67	4	71
Disgust	82	10	92
Doubt	9	1	10
Fear	32	1	33
Frustration	124	12	136
Gratitude	7		7
Hope	51	3	54
Indifference	3	1	4
Joy	30	1	31
Love	3	1	4
Regret	2		2
Sadness	25	3	28
Satisfaction	6		6
Surprise	17	2	19
Total	506	40	546

Table 6: First emotion and irony

Table 6 gives an overview of the number of times irony is indicated and which emotion the ironic tweet conveyed. Irony is found the most times together with the emotion 'frustration'. In addition, 'disgust' also has a high number of ironic tweets (1 in 4 of the total number of ironic tweets). The other emotions are less frequently used together with an ironic statement. Some emotions, such as 'admiration', 'gratitude', 'regret' and 'satisfaction', do not occur in an ironic sentence or tweet.

4.1.6.2.2 Emotion 2 and irony

	No	Yes	Total
Admiration	11		11
Anger	29	3	32
Conviction	26	2	28
Disgust	72	5	77
Doubt	5	1	6
Fear	18	1	19
Frustration	73	6	79
Gratitude	3	2	5
Hope	37		37
Indifference	1		1
Joy	17	8	25
Love			
Regret	2	1	3
Sadness	10	1	11
Satisfaction	6		6
Surprise	7		7
Total	318	29	347

Table 7: Second emotion and irony

Table 7 gives an overview of the number of times irony is indicated and which type of emotion the second emotion is. The outcome is slightly different than that of the previous table. This time not 'frustration', but 'joy', is the emotion that conveyed the most irony. This means that the sentences made it look like they conveyed 'joy', but they in fact meant the opposite with their tweet. 'Frustration' is here the second most used emotion with irony and 'disgust' the third most emotion. Other emotions are less frequently combined with irony. Here too, 'admiration', 'regret' and 'satisfaction' are not found with an indication of irony. On top of that, 'hope', 'indifference' and 'surprise' are also not linked with irony in this case.

4.1.6.3 Emotion and implicit

4.1.6.3.1 Emotion 1 and implicit

	No	Yes	Total
Admiration	19		19
Anger	30		30
Conviction	71		71
Disgust	92		92
Doubt	10		10
Fear	33		33
Frustration	135	1	136
Gratitude	7		7
Hope	54		54
Indifference	4		4
Joy	31		31
Love	4		4
Regret	2		2
Sadness	28		28
Satisfaction	6		6
Surprise	18	1	19
Total	544	2	546

Table 8: Implicit first emotion

Table 8 shows that only two times the first emotion is indicated as implicit. This is the case with 'frustration' and 'surprise'. The reason why the first emotion is only once indicated as implicit is probably because the first emotion the annotator sees is often the most explicitly mentioned in the tweet.

4.1.6.3.2 Emotion 2 and implicit

	No	Yes	Total
Admiration	10	1	11
Anger	28	4	32
Conviction	28		28
Disgust	77		77
Doubt	6		6
Fear	18	1	19
Frustration	71	8	79
Gratitude	5		5
Hope	34	5	39
Indifference	1		1
Joy	24	1	25
Regret	3		3
Sadness	5	6	11
Satisfaction	6		6
Surprise	7		7
Total	323	24	347

Table 9: Implicit second emotion

As the second emotion that is indicated is usually also the second emotion that the annotator perceives, they are often more implicit (see Table 9). The emotion which has the most implicit instances in this corpus is 'frustration', with 8 out of 24 total implicit indications. 'Sadness' was 6 times perceived implicitly. With the emotion 'hope', five tweets have been indicated as implicit. 'Joy' and 'fear' were left implicit both one time.

4.1.6.4 Emotion and target

4.1.6.4.1 Emotion 1 and target

	Clinton	Trump	Total
Admiration	3	8	11
Anger	3	14	17
Conviction	3	29	32
Disgust	14	45	59
Doubt		4	4
Fear	1	20	21
Frustration	9	47	56
Gratitude	1	1	2
Hope	13	28	41
Joy	4	16	20
Love		2	2
Regret		2	2
Sadness		11	11
Satisfaction	2	2	4
Surprise		11	11
Total	53	240	293

Table 10: Target First emotion (Trump vs. Clinton)

Table 10 gives an overview of the target that a particular emotion is referred to. In the corpus, there are many targets, that often only occurred once. Therefore, this table only compares the times an emotion was referred to either presidential candidate, i.e. Trump or Clinton.

It can be seen that many more emotions are referred to Trump (240 vs. 53 for Clinton). This can be explained due to the fact that the initial hashtags to retrieve tweets mostly contained Trump and did not necessarily refer to Clinton. On top of that, this research would like to give an overview of the reputation of Donald Trump and not of Hillary Clinton.

As 'frustration' and 'disgust' are the most used emotions in the overall corpus, they are also the most used emotions to target Donald Trump. 'Conviction', which can be either (very) negative, (very) positive or neutral, is the third most conveyed emotion in reference to Trump. 'Hope' is also often present and may refer to the 'hope' of him being elected President. The emotion 'fear' was 20 times used with Trump as a target. Nevertheless, other emotions were less frequently used to refer to him. 'Gratitude' was only used once to target Donald Trump and once to target Hillary Clinton.

The emotion which was most used with Clinton as a target is that of 'disgust'. The second most used emotion with her as the target is that of 'hope'. In this case, this may often represent the 'hope' of her becoming President. 'Frustration' is the third most used emotion with 20 out of a total of 53 targets. 'Admiration', 'anger', 'conviction', 'fear', 'gratitude', 'joy' and 'satisfaction' are only present a few times in the entire corpus with Hillary Clinton as target (less than 5 times). The emotions 'doubt', 'love', 'regret', 'sadness', 'satisfaction' and 'surprise' are not found as a first emotion with Clinton as target.

4.1.6.4.2 Emotion 2 and target

	Clinton	Trump	Total
Admiration		4	4
Anger	2	9	11
Conviction	3	10	13
Disgust	16	35	51
Doubt		4	4
Fear	3	8	11
Frustration	6	27	33
Gratitude		2	2
Hope	3	17	20
Joy	4	12	16
Regret	1	1	2
Sadness		5	5
Satisfaction	1	3	4
Surprise		2	2
Total	39	139	178

Table 11: target second emotion (Trump vs Clinton)

In Table 11, Donald Trump is also the target which was mentioned the most, compared to Hillary Clinton. Again, the reason for this is because the tweets were retrieved with hashtags that mentioned Donald Trump or had something to do with the presidential candidate.

Contrary to the previous table, 'disgust' is now the emotion which was most referred to Trump, while 'frustration' is the second most found for the second emotion. 'Disgust' is also the most used emotion to target Hillary Clinton.

All other emotion targets about Hillary Clinton are much less present (less than 4 times). Some emotions are not even present in the corpus with her as a target ('admiration', 'doubt', 'gratitude', 'sadness' and 'surprise'). This means that 'admiration', 'doubt', 'sadness' and 'surprise' are never used to refer to her, as they are also not present in the Table 10. 'Hope', 'conviction' and 'joy' are also quite frequently used to target Donald Trump. 'Fear' is only used in 8 out of a total of 139 times and 'anger' 9 times. Other emotions are even less frequent (less than 6 times). Contrary to Hillary Clinton, Trump is used as a target for each emotion category at least once.

4.1.7 Moments

4.1.7.1 Emotions

	Moment 1	Moment 2	Moment 3	Moment 4	Moment5	Moment6	Moment 7
Anger	12.6 %	6.9%	6.8%	2.3%	5.4%	8.9%	5%
Disgust	26%	24.6%	21.2%	20.1%	10%	13.8%	15%
Joy	7.6%	4.6%	3.8%	6.1%	15.4%	4.8%	0.8%
Surprise	1.7%	4.6%	0.7%	1.5%	6.9%	1.4%	3.3%
Sadness	1.7%	3.8%	2.3%	3%	12.3%	4.8%	1.6%
Fear	2.5%	3.1%	6.1%	7.8%	6.2%	3.4%	11.7%
Frustration	25.2%	24.6%	28%	21.1%	22.2%	26.2%	18.3%
Satisfaction	2.5%	0.7%	0%	2.3%	2.3%	0.7%	0.8%
Admiration	3.4%	3.1%	1.5%	5.3%	3.1%	3.4%	3.3%
Conviction	5.9%	11.5%	15.1%	16%	1.5%	20%	15%
Doubt	0%	1.5%	0%	0.7%	3.8%	4.1%	1.6%
Hope	6.7%	6.9%	9.1%	12.9	6.9%	8.3%	20%
Regret	0%	2.3%	0.7%	0%	0%	0%	0.8%
Gratitude	1.7%	0.7%	4.5%	0%	0.7%	0%	1.6%
Love	1.7%	0.7%	0%	0%	0.7%	0%	0%
Indifference	0.8%	0%	0%	0.7%	1.5%	0%	0.8%
Total	119	130	132	132	130	132	120

Table 12: Emotion presence throughout the moments

Table 12 gives an overview of which emotions were used during which important moment in the American elections. Given that not every moment has an equal amount of second emotion occurrences (see 'Total'), the total number of emotions varies through the moments. Therefore, it was decided to only display the percentages in the table. The cells indicated in yellow are the highest percentages of each emotion.

It can be seen that generally, 'disgust' and 'frustration' are the most frequently used emotions during each of the moments. During the first moment, the days before the second presidential debate, it is 'disgust' that is the most prevalent emotion, immediately followed by 'frustration' with only 0.8 per cent less instances. The second moment gives tweets that occurred the morning of the second presidential debate and after the leaking of the tapes of Trump. During that moment, both 'frustration' and 'disgust' were conveyed an equal number of times. With the third moment, the morning of the third presidential debate, the number of occurrences of 'frustration' sees a small increase, while that of 'disgust' decreases slightly. The fourth moment, the days after the announcement of the FBI investigation into Clinton's e-mails, the percentage of occurrences of 'frustration' drops from 28 per cent to 21.1 %. Later, during the fifth moment, the morning of the elections, the number of 'disgust' is halved and only covers 10 per cent out of 130 instances. Yet, the number of 'frustration' does not

change a lot (from 21.1 to 22.2 per cent). When the election result is announced (moment 6), the number of occurrences of 'frustration' and 'disgust' sees an increase. The seventh moment is during the protests that erupted after the election result was announced. The total number of emotions is much lower than for the previous moments, but the decrease in 'frustration' is still relevant (from 26.2 per cent during moment 6 to 18.3 % during moment 7).

Besides 'disgust' and 'frustration', there are also other emotions present during the seven moments. Some of these emotions show a pattern that fluctuates throughout the moments. 'Anger', for example, covers 12.6 per cent of the emotions during the first moment , but drops to 6.9 per cent on the morning before the third presidential debate. Another strong decrease is seen in the fourth moment, when it only reaches 2.3 percent. The percentage of 'anger' rises to almost 9 per cent during the sixth moment, after which it drops to 5 per cent.

The pattern of the emotion 'joy' also fluctuates. It starts at 7.6 per cent in the days before the second presidential debate. Afterwards, there is a slight decline in the second and the third moment and a slight increase in the fourth moment. The morning of the elections, there is a strong increase of 9.3 per cent and a drop to 4.8 per cent after the election result is announced. During the protests after the presidential election, 'joy' only covers 0.8 per cent of the emotions.

'Surprise', does not have a high number of instances throughout the moments. However, on the morning of the second presidential debate (moment 2) and the morning of the presidential election (moment 5) the percentage of 'surprise' is at its highest.

'Sadness' covers in most moment categories only a small percentage of the total emotions. Yet, during the fifth moment, there is a strong increase of 'sadness' in the tweets (to 12.3 %).

'Fear' covers a small percentage of the emotions during the first and the second moment. During the third moment, 'fear' is doubled to 6.1 per cent, and remains more or less the same. After the announcement of Donald Trump's victory, 'fear' drops to 3.4 per cent. During the last moment, which is the protests after the presidential election, 'fear' reaches its highest percentage 11.7 per cent or 14 instances on a total of 120.

The other two emotions that fluctuate throughout the moments are 'conviction' and 'hope'. 'Conviction' has only 5.9 per cent of instances in the first moment but eventually reaches 16 per cent in moment 4. Afterwards, its percentage drops radically to only 1.5 per cent in moment 5 and peaks at 20 per cent after the announcement of the outcome of the elections.

'Hope' shows a slight increase until the fourth moment after which it decreases again. During the protests, which is the seventh important moment, 'hope' reaches its highest occurrence of 20 per cent.

The other emotions only cover a small percentage of the instances in the corpus. 'Satisfaction', 'regret', 'gratitude', 'love' and 'indifference' never reach more than three per cent. 'Admiration' is at its highest during the fourth moment. Sometimes, 'doubt' does not occur durng a particular moment (i.e. moment 1 and 3). The highest percentage of 'doubt' is reached during the sixth moment, when the outcome of the elections is announced (4.1%).

4.1.7.2 Favourability

	Moment 1	Moment 2	Moment 3	Moment 4	Moment 5	Moment 6	Moment 7
Donald Trump	31.6%	22%	35%	33%	41.2%	26.6%	37%
Not Donald Trump	44.7%	46.4%	38.8%	35.4%	46.2%	36.7%	30.1%
Hillary Clinton	9.2%	9.8%	10%	17.7%	2.5%	7.6%	20.5%
Not Hillary Clinton	0%	0%	0%	2.5%	0%	1.3%	0%
None	1.3%	7.3%	3.8%	6.3%	1.3%	1.3%	1.4%
Not clear	13.2%	14.6%	12.5%	5.1%	8.8%	26.6%	11%
Total	76	82	80	79	80	79	73

Table 13: Favourabilty throughout the moments

Figure 9: Favourability throughout the moments

Table 13 and Figure 9 give an overview of the annotations of 'in favour of' for each of the seven moments. 'Not Donald Trump' is always the most prevalent, except for the last moment. During the protests after the elections, most of the tweet authors used words or phrases that indicated that they were most in favour of 'Donald Trump'. Overall, 'Donald Trump' is the second most indicated option. Nevertheless, the percentage of these indications fluctuates and is at its lowest after the release of the tapes (moment 2) and at its highest on the morning of the presidential election.

The number of tweets that indicated 'Hillary Clinton' as their most favoured candidate is much lower than that of 'Donald Trump'. Contradictorily, it reaches the highest percentage for moment 4, when the FBI investigation into her e-mails was announced. The lowest percentage is seen on the morning of the presidential election, where 'Donald Trump' sees his highest percentage. While there is a high number of people that are 'against Donald Trump', the number of people that are 'against Hillary Clinton' is not as high.

For many moments, there are no instances that were annotated as 'not Hillary Clinton'. The highest number of tweets 'against Clinton' were found in moment 4, which is also the moment when her popularity was at its highest. For each of the moments, there are also a few tweet authors that claimed that they would not vote for either candidate. This number remains considerably low and is at its highest on the morning of the second debate. Sometimes, tweet authors were 'not clear' about their favour for or against any particular candidate. This number is at its highest during the first moment.

<u>4.1.7.3 Sentiment</u>

	Moment 1	Moment 2	Moment 3	Moment 4	Moment 5	Moment 6	Moment 7
Very negative	9.2%	11.5%	5.3%	12.1%	10.1%	9.8%	10%
Negative	65.5%	67.7%	69.7%	55.3%	60%	63%	53.3%
Neutral	2.5%	1.5%	2.3%	1.5%	1.5%	3%	0%
Positive	16.8%	15.4%	19%	27.2%	24.6%	19.7%	28.3%
Very positive	5.9%	3.8%	3.8%	3.8%	3.1%	4.5%	8.3%
Total	119	130	132	132	130	132	120

Table 14: Sentiment throughout the emotions

Figure 14 provides a clear overview of the sentiment for each of the seven moments during the American elections . From the overall charts that are described above, it could already be seen that the negative sentiment is the most prevalent. In fact, negativity scores the highest among each of the seven moments. The percentage remains quite stable but drops to 53.3 per cent during the protests (moment 7). Positivity is for all of the moments the second most prevalent option. Yet, its percentage increases from the first to the seventh moment. This sentiment is at its highest during the fourth moment and the protests (moment 7) when negativity was at its lowest.

Extreme negativity is more present than extreme positivity. The percentage of extreme negativity is quite stable but reaches its lowest point during the third moment. Extreme positivity was most indicated during the protests of moment 7.

Neutrality is not much present in the corpus, the percentage remains quite stable throughout the moments.

4.1.8 Lexicalisation

With the words that were indicated as emotions words or phrases in the corpus, an emotion lexicon was built. This section gives an overview of the most important findings in how the emotions were lexicalised.

The overall analysis (section 4.1.6.3) already gave an overview of which emotions were left implicit. Overall, we can see that not many emotions were implicit or at least indicated as implicit by the annotator. For the first emotion, this was only one time the case with 'frustration' and 'surprise'. The second emotion was more often perceived as implicit. Here, the two emotions that were most left implicit were 'frustration' (8 times) and 'sadness'(6 times).

What will follow is an enumeration of the 16 emotions that were used for this master's thesis, together with the most important findings on the lexicalisation of these emotions.

'Anger'

The words that are often indicated as belonging to the emotion anger are often capitalised (e.g. NO WAY.; NEVER NEVER EVER BE PRESIDENT; LIED AGAIN, …). There is also a large presence of swear words, such as "shit", "F*CKING", "crap", "#Fucktard", "BS" (bullshit). Sometimes words are not spelled correctly as in "idjit" for "idot" or "IM SIC OF" for "I'm sick of". This may have been done so deliberately or unconsciously.

'Disgust'

This corpus was obtained with tweets about Donald Trump and sometimes Hillary Clinton which means that these tweets are often political. The 'disgust' in these political tweets can be found through words such as "lying", "fraud", "corruption" and "hypocrite", which are often present in this corpus. Words such as "sexual assault", "misogyny", "sexist", "fascist", "homophobe" and "racist" are often found with Donald Trump as a target referring to his somewhat controversial declarations during his campaign and the leaked tapes. Tweet authors also use words to refer to Hillary Clinton, the most recurring combination in that case is that of "Crooked Hillary". "Rigged", a word which Donald Trump often used during his speeches to refer to the upcoming elections, is adopted by the Twitter users in this corpus. Others words that do not necessarily refer to Donald Trump or Hillary Clinton but do convey the emotion 'disgust' are for example: "nauseating" and "hideous".

'Joy'

As was also the case with 'anger', 'joy' is sometimes seen in words that are capitalised, as in "#VICTORY" and "#TRUMPWON". This then results in a sentiment that is indicated as 'very positive'. Words such as awesome, happy, glad and amazing are also found in the corpus. In addition "truths" was indicated as conveying this emotion. Yet, 'joy', is not always found in combination with words that generally have a positive connotation. Sometimes, sentences or phrases which contain negative words also convey a positive emotion such as in "Some SWAMP is starting to self-distruct (sic.) or implode by itself". In this case, the author is joyful that this is happening although the words "SWAMP" and "self-distruct" (sic.) are negative words. Elements that contain 'joy' are not always words that can be found in the dictionary, sometimes exclamations (e.g."Whoo hoo!") are used or smileys, such as ":D".

'Surprise'

The emotion 'surprise' was most conveyed on Election day and when the victory of Donald Trump became imminent. Words that convey this emotion are for example: "blown away", "mind boggling", "shocked", "aghast" and "baffled". Also for this emotion exclamations such as "Wow." were found. Tweet authors who are 'surprised' often use phrases or short sentences to convey their emotions (e.g. "Is this for real" and "what alternate universe did I walk into?").

'Sadness'

In the annotation guidelines the difference between 'sadness' and 'fear' was indicated as 'sadness' being about the present and 'fear' about the future. When the election result was announced, a tweet author referred to the result as "Brexit ii", which was indicated as a word that conveyed 'sadness'. However, to know this, one needs a broad general knowledge. The negative reaction on the election result is also seen in words as "Racism won" or "Sexism won". In addition, tweets contain 'sad' words such as "hopelessness", "depressed", "sadly" and "depressing". The emotion is also conveyed with phrases or (short) sentences. (e.g. "Lost the ability to prioritize and think logically" or "We only have one spaceship earth"). Also in this case, sometimes a smiley was used as in "Unkind things :(".

'Fear'

The emotion 'fear' is most conveyed during the protests that erupted after the announcement of the election result. 'Fear' is sometimes targeted towards Donald Trump with for example "#TRUMP=HITLER" or "Mad Mussolini". Swearwords are in this case also used (e.g. "Were fucked"(sic). People were worried about the future of the world and of America which becomes clear from phrases such as "#Education is at stake", "The world is doomed" or "He's getting the nuclear codes". The last sentence does not have a negative word but with world knowledge the sentence in itself can be

indicated as containing 'fear'. Words that are also sometimes used in combination with the emotion 'fear' were "scary" and "fear" itself.

'Frustration'

'Frustration' is the most conveyed emotion throughout this corpus. The lexicon that was made of this corpus reveals that often longer phrases or sentences indicate this emotion. For example:"#Trump is acting like a toddler" or "He has only 30 words in his vocabulary". In the previous sentences the tweet author is 'frustrated' about Donald Trump's behaviour and word usage. 'Frustration' is also targeted at the media, which is for example the case in 'Unfit for providing news'. "Unfit" is also a word that was often seen in word combinations or phrases that conveyed 'frustration'. In addition, sometimes words are written badly, as in "Fek off" for "Fuck off". 'Frustration' is also felt in phrases such as "brain-dead", "Does everyone realise", "Come on now!" and "So say it". The emotion itself was also found literally in the corpus.

'Satisfaction'

'Satisfaction' was one of the fewer present emotions in this corpus. The phrase "Finally gets a taste of their own medicin" was found to convey this emotion as this person is 'satisfied' that this has finally happened. In "#AmericaisAlreadyGreat" the tweet author is satisfied about America. "HAHAHAHAHA" conveys how someone was 'satisfied' when Donald Trump called Hillary ineffective. Other phrases that indicated 'satisfaction' were "History is within our reach" and "Felt Great!".

'Admiration'

In some cases tweet authors admired someone which they mostly conveyed through short phrases or words. A word that often recurs in various forms is "Congrats" or "Congratulations". "God Bless America" was also indicated as 'admiration'. Also for this emotion sometimes words are capitalised which made them 'very positive'. This was the case for "AWESOME AWESOME job" and "STANDING OVATION". Admiration for a particular person became also clear through words such as "brains"; "proud", "RIP", "#respect" and "American hero".

'Conviction'

The emotion 'conviction' is one of the emotions that was often present in this corpus. It was seen that many modals were indicated as conveying this emotion. Examples include "you must have discipline", "ppl should force", "should have to vote", "we need a strong president". In addition words of 'conviction' were also "dislike", "think", "disagree" or "it seems to me". Sometimes this emotion is conveyed with capital letters as is the case for "EVERY VOTE COUNTS" or "I do NOT support".

'Doubt'

In comparison to 'frustration' or 'conviction', 'doubt' is not often present in this corpus. However, every mentioning of 'doubt' was more or less explicitly found in the tweets. Sometimes this was seen in (small) sentences such as "are #NeverTrump folks ready to become never Clinton voters yet?", in which the tweet author is doubting whether Clinton voters would change vote or not. "If" was in this corpus also an indication of 'doubt', together with "maybe". The modals "would" and "will" were also found to convey 'doubt'. The next phrases were also indicators of 'doubt': "Right?", "Fair?" and "wonder how".

'Hope'

'Hope' was conveyed a large number of times throughout this corpus. In total only 5 times 'hope' was left implicit. Many times words such as "please" "praying" and "Dear Lord" are used to convey this emotion. "Matter of time' or "Fingers crossed" were also used in this corpus. In "#Trump will lose his mind & go on a AM Twitter Tirade" the 'hope' is that something will happen and the reader will need world knowledge to understand. Many times 'hope' was also found in tweets where people wanted to encourage others to vote (e.g. "Get out and vote"). "I hope" was also literally present in this corpus.

'Regret'

'Regret' was in total conveyed five times explicitly in this corpus. No sentences with an implicit 'regret' are found. The first word combination that is used in combination with 'regret' is 'I can't" which means that a person 'regrets' not being able to do something. The second indication of 'regret' is in the following sentence: "I've had more focused, intelligent, and less rambling conversations with my 4 year old niece." In this sentence a person 'regrets' having watched the presidential debate. Also "sorry" and "I regret" were found to convey the emotion regret in this corpus.

'Gratitude'

The emotion 'gratitude' was in total conveyed 12 times explicitly in this corpus. "Thank you" or "Thanks" or other forms of the verb "to thank" are the most used. Sometimes the verb is put into capitalised letters as in "THANKS" or "THANK YOU SO MUCH". This emotion was then indicated with a very positive sentiment .'Gratitude' was also conveyed with "grateful".

'Love'

'Love' is mentioned five times explicitly in this corpus. The words that are used to refer to this emotion are somewhat obvious. Three times the emotion was conveyed with "love", the other times it was conveyed with "loving" and "love the way". "The way" was not deleted in the latter instance as "love the way…" is an often heard collocation.

'Indifference'

'Indifference' is an emotion that has a very low presence in this corpus. In total, only 3 emotion instances of 'indifference' were explicit in the tweets. The first phrase which conveys 'indifference' is "nothing shocks me anymore". "Don't care" is the second word combination that was found to clearly convey indifference. The last one is a small sentence: "This isn't a political tweet". In this tweet someone is saying that he or she is leaving the United States, but adds that it is not a political tweet. In that sense, he or she was 'indifferent' to the American elections.

The description of the emotion lexicalisation show some recurring findings. Sometimes, words are capitalised, which gives the emotion a stronger effect. This was the case with 'gratitude', 'admiration', 'fear', 'joy' and 'anger'. For some of the tweets, general knowledge is necessary to determine its emotion(s). With a few emotions, determining the category was easier as the emotion was explicitly mentioned in the tweet (e.g. "love"). Nevertheless, if words are not spelled correctly (e.g. "idjit") or abbreviated (e.g. "BS") this may make the annotation process more difficult.

4.2 Automatic emotion detection

4.2.1 Precision, recall and F-score

Emotion	Number	Precision	Recall	F-score
Fear	33	20.0	12.1	15.1
Frustration	136	28.8	44.9	35.1
Admiration	19	9.1	5.3	6.7
Conviction	71	18.1	21.1	19.5
Sadness	28	22.2	14.3	17.4
Joy	31	11.5	9.7	10.5
Anger	30	0.0	0.0	0.0
Regret	2	0.0	0.0	0.0
Hope	54	29.3	22.2	25.3
Disgust	92	31.3	39.1	34.8
Indifference	4	0.0	0.0	0.0
Surprise	19	0.0	0.0	0.0
Satisfaction	6	0.0	0.0	0.0
Doubt	10	0.0	0.0	0.0
Love	4	0.0	0.0	0.0
Gratitude	7	0.0	0.0	0.0

Table 15: Scores machine-learning system

Recall formula: $\frac{tp}{tp+fn}$

tp= true positive

fp= false negative

Precision formula: $\frac{tp}{tp+fp}$

tp= true positive

fp= false positive

F-score: $2\ x\ \frac{precision\ x\ recall}{precision+recall}$

Table 15 shows the results of precision, recall and F-scores of the machine-learning system of the first emotion that was set up for this master's thesis. The precision formula is composed of the number of correctly predicted emotions of, for example 'frustration', divided through the total number of times 'frustration' has been predicted as an emotion. For precision, the scores tend to be higher when the emotion has a high number of occurrences (e.g. 'frustration' or 'disgust'). The opposite is also true as emotions that do not have a high number of occurrences, such as 'joy' or 'fear', have a lower precision score or a score that equals zero. The latter is the case for 'anger', 'regret', 'indifference', 'surprise', 'satisfaction', 'doubt', 'love' and 'gratitude'.

The table also shows some other differences between or difficulties with a few emotions. Although 'surprise' and 'admiration' have the exact same number of occurrences (19), 'surprise' has no precision score, while 'admiration' has a score of 9.1. Also for 'anger' there is no precision score, while 'joy', with only one occurrence more (31), has a score of 11.5. 'Hope' occurs 38 times less than 'disgust' but the precision score of the two emotions is almost equal (respectively 29.3 and 31.3). Although 'frustration' has the highest number of instances, it does not have the highest precision score, which is that of 'disgust'. It seems that 'joy' is more difficult to detect for the system than 'sadness'. The latter has less occurrences but an almost doubled precision rate (11.5 versus 22.2). Similarly, 'conviction' has a larger number of instances than 'hope', but a much lower precision rate (29.3 versus 18.1).

The table also indicates the recall of the emotions which in this case equals to the number of correctly predicted emotions, of for example 'frustration', divided through the total number of that particular emotion in the corpus (136 for frustration). The recall of 'frustration' is high compared to that of 'fear' (44.9 versus 12.1), while the difference in precision between them was not as large (28.8 versus 20.0). Similarly, the recall of 'admiration' is much lower than that of 'joy' (5.3 versus 9.7), although their precision rates do not differ as much (9.1 versus 11.5).

Also 'hope' and 'frustration' have an almost equal precision rate (29.3 versus 28.8) while their difference in recall is much larger (22.2 versus 44.9). The table also shows the F-scores for each emotion, which is composed of recall and precision. The outcomes of these results are fairly similar to the outcomes of the recall of the emotions. The F-score of 'frustration' is only slightly (0.3%) higher than that of 'disgust', which has 44 instances less. 'Hope' has a higher F-score than 'conviction' (25.3 versus 19.5), while the latter contains 17 more instances.

Table 15 generally shows that more instances of a given emotion may result in a better precision, recall or F-score. Yet, this is not always the case as there exists also another important underlying factor, i.e. the lexicalisation of the emotions. Emotions that are generally more lexicalised may generate better scores. Consequently, the system may need less instances to build a good-working

model. Many of the emotions in this corpus are lexicalised but the way in which they are lexicalised differs (see 4.1.8). 'Indifference', for example, does not show a strict pattern as emotions words in the instances differ a lot from each other. Emotions that have a more recognisable pattern, such as 'admiration', tend to have higher scores. Nevertheless, this is not always the case as some lexicalised emotions with recognisable patterns do not have precision, recall, or F-scores. This is the case for 'love' which was often annotated with 'love' or a derivative word, but was not indicated correctly by the system. Nevertheless, the low scores for 'love' may be due to the low frequency of this emotion in the corpus.

4.2.2 Confusion-matrix

	Fear	Frustration	Admiration	Conviction	Sadness	Joy	Anger	Regret	Hope	Disgust	Indifference	Surprise	Satisfaction	Doubt	Love	gratitude
Fear	**4**	11		5	2	2			3	6						
Frustration	3	**61**	4	17	4	5	7		5	29						1
Admiration	1	9	**1**	3		1	1		1	1	3					
Conviction		24	1	**15**	1	3	2		10	11						1
Sadness	2	7		6	**4**	1			2	6						
Joy	1	11	2	6		**3**	1		1	6						
Anger	1	12	1	5	1	3			1	6						
Regret		1		1												
Hope	3	16	1-	9	3	3			**12**	7						
Disgust		32		12	1	3	5		2	**36**				1		
Indifference		3			1											
Surprise	2	9				1			2	4					1	
Satisfaction		3		2						1						
Doubt			7		1				1	1						
Love		1	1	1		1										
Gratitude		5		1					1							

Table 16: Confusion-matrix

Table 16 gives an overview of the spreading of the emotions that were indicated by the system. It shows which emotions the system confused with other emotions and how often. The top-bottom part of the table shows the known classes of the emotion and from left to right are the emotions that the system indicated and how often. 'Fear', for example was 4 times indicated correctly as 'fear', 11 times as 'frustration' and so on.

Sometimes, the system confuses emotions that are closely related to each other. 'Fear' was confused with 'frustration', 'sadness' and 'disgust', which are all negative emotions too. Nevertheless, it was also indicated as 'joy' twice and three times as 'hope', which are generally rather positive and thus opposite emotions. Thrice, the system indicated 'fear' as 'conviction', which can be either sentiment. 'Frustration' has the highest number of correctly indicated instances, which was also clear from the high recall score in table 15.

All but one of the emotions ('doubt') are at least once confused with 'frustration'. Yet, none of the emotions was ever confused with 'satisfaction' or 'surprise'.

The system seems to have problems with some emotions. 'Conviction', for example, was more times indicated as 'frustration', than predicted correctly (24 versus 15). The emotion is also often confused with 'hope' (10 times) and 'disgust' (11 times).

'Joy' was more times indicated as a negative emotion, such as 'disgust' or 'frustration', than as a positive emotion. It was only three times indicated correctly.

Although 'anger' has a fairly large number of occurrences (40), it was not predicted correctly by the system. Most of the instances (12) where confused with 'frustration'. 'Disgust' was also often confused with 'frustration', and vice versa.

5. Discussion and Conclusion

5.1. Conclusion

Some conclusions can be drawn from the data and the charts in the results section. First of all, many of the tweets that were analysed, contained an emotion (98 %). It may be the case that many Twitter users mostly tweet when they want to convey their opinion about a certain topic, which results in a tweet that contains an emotion. Especially the topic of elections may generate more emotions throughout the Twitter public and leaves no one untouched.

From the tweets that contained an emotion, the sentiment in the largest number of instances was negative. The lowest number of negativity was found during the protests that erupted after Donald Trump's victory. During this moment positivity and extreme positivity were at its highest.

It is seen that the sentiment correlates with the emotions as generally negative emotions, such as 'frustration', are found with a negative or a very negative sentiment.

The two emotions that were the most conveyed throughout this corpus of political tweets were 'frustration' and 'disgust'. These two emotions alone, were present in 384 out of 893 emotions that were found in the corpus. This could mean that many Twitter users tweet something, not only when they want to convey an opinion, or an emotion, but often when that emotion is negative or conveys 'frustration' or 'disgust', too.

On top of that, as only 2 out 16 emotions ('frustration' and 'disgust') cover 43 per cent of the total number of emotions that were found in the corpus, other emotions are much less present. This is the case for 'regret', 'love' and 'indifference', which are only present less than six times. A similar pattern was found in the analysis of the separate moments in the corpus. Yet, 'hope', which normally covers up to 12.9 per cent of the moments, shows a strong increase (to 20 %) during the last moment. The last moment covers the protests that erupted after the announcement of Donald Trump's victory. This could mean that during that period many people were 'hopeful' that the protesters would succeed. Yet, this should be investigated more as this corpus is too small to draw such conclusions.

Surprisingly, 'anger' reaches its lowest percentage during the fourth moment, when the FBI investigation into the emails of Clinton was opened. 'Joy' was most felt on the morning of the presidential elections (15.4 %) and was hardly present during the protests (0.8 per cent). During the same moment, 'fear' reaches its highest percentage (11.7 %). 'Conviction', an emotion that can be either (very) negative or (very) positive, shows a very fluctuant pattern. Tweet authors had the most convictions about something or someone, when the election result was announced (20 %). Yet, on the morning of the elections, only 1.5 per cent of the tweets contained a 'conviction'.

The study also shows the difference between the emotions that are described in the models of Ekman (1992), Russel (1980) and Suet Yan and Turtle (2016) and how they are divided in the corpus. From the results it can be seen that, while Ekman had the model with the smallest number of emotions (in total six emotions), his model accounts for the highest coverage of our corpus (45.2 %). Yet, the emotion model of Russel adds the emotion that is most present throughout the entire corpus (i.e. 'frustration'). The emotions that were extracted from this model, however, only account for 36.1 per cent of the emotions found in the corpus.

The emotions that were used in the study of Suet Yan and Turtle (2016) account in total for 44.1 per cent of our tweet corpus. Nevertheless, the emotions that this study added to our emotion categories are only present in a small number of cases (less than 30 times). Only hope has a higher frequency (99 times).

Although the emotions of Ekman have the highest coverage in this corpus (45.2 %), this model only accounts for less than half of our corpus. This means that the other emotion models of Russel and Suet Yan and Turtle were necessary to annotate the corpus more profoundly.

During the annotations, the presence of irony also needed to be indicated. The results show that irony was not much present, only in 40 out of 546 instances that contain an emotion. Nevertheless, González-Ibañez, Muresan and Wacholder (2011), found in their study that sarcasm was difficult to detect by both humans and computers. As sarcasm and irony are very much alike, it cannot be excluded that more tweets contained irony but that this was not interpreted in that way by the annotator. The instances in which irony was indicated were mostly combined with the emotions 'frustration' and 'disgust', which were also the most present throughout the entire corpus.

Another element of the analysis is that of the favourability of a particular presidential candidate of the tweet author. In the large majority of tweets, elements were used that indicated that the author was 'not in favour of Donald Trump'. This result may be due to two factors. The first factor is the hashtags that were used to retrieve the tweets: as most of the trending hashtags at the beginning of this research were anti-Trump, this may have had an effect on Trump's favourability in the tweets. The second factor may be that the majority of Trump voters did not have a Twitter account which may result in more tweets against him. Nevertheless, more research on this is needed as the previous claim cannot be backed with suitable data.

Yet, the second most indicated option was that the author was in favour of him. This could mean that Twitter users were mostly either very much 'against Donald Trump' or very much in favour of him. 'Hillary Clinton' was much less present in the data, which could be explained due to the hashtags that were used to retrieve the tweets, which were all linked to Donald Trump.

The favourability was also linked with the particular moments. A surprising finding is that 'not Donald Trump' was the most indicated option for all of the moments, except for the moment during the protests. Then, most tweet authors were 'in favour of Donald Trump', which is surprising as the protests were against him winning the American elections. 'Donald Trump' was the least indicated option during the second moment, which indicates the release of the tapes. The favourability for 'Hillary Clinton' was at its highest after the announcement of the FBI investigation against her.

For each of the emotions, if possible, the target needed to be indicated. There was a large number of targets, but the most important for this study was 'Donald Trump'. Similarly to previous findings, 'frustration' and 'disgust' were the emotions that were most used to target the current President. Together, they cover 38 per cent of the emotions that were targeted against him. This could mean that the perceived or conceived reputation (Carroll, Greyser and Schreiber 2011) of Donald Trump amongst Twitter users is rather negative. This result is in line with the result of the favourability which indicated that most Twitter users in this corpus are 'against Donald Trump', which ultimately results in more negative emotions and feelings towards him. It could be said that these results are also in line with the election as it was Hillary Clinton and not Donald Trump that won the popular vote (CNN, 22.12.2016). This means that Donald Trump won less votes but eventually won the elections because he won the most votes in important states.

During the annotation process, the words that conveyed a particular emotion needed to be indicated. It can be seen that the emotions are very lexicalised in this corpus. Sometimes, general knowledge was needed to interpret the words on an emotional level (e.g. "Brexit ii" for 'sadness'). The fact that these tweets were mainly political tweets can be seen from words such as "fraud", "corruption", "hypocrisy", which were present with the emotion disgust. Negative words that were used to refer to Donald Trump are "homophobe" or words that refer to sexual assault or racism. "Crooked", on the other hand, was a negative word that was used with Hillary Clinton. The lexicalisation of conviction was often found with modals.

In the second part of this master's thesis a machine-learning system was built on the basis of bigrams. Although the system was built on a simple feature, the precision, recall and F-scores are generally promising, specifically for emotions with a high presence in the corpus. Emotions that have a lower occurrence tend to generate lower scores. This may be due to the 10-fold system, which makes it possible that, for some of the folds, all of the tweets of a certain emotion are present in the training corpus, but not in the test corpus, and vice versa.

The confusion-matrix showed that the system generally has problems with emotions that are closely related to each other, such as 'frustration' and 'disgust'. Nevertheless, sometimes emotions were confused with emotions that have no relation (e.g. 'joy' and 'frustration').

As no definite research was found that compared emotion detection on Twitter and reputation, it is difficult to highlight differences or similarities with previous work. Nevertheless, this work could be used to compare with future, more elaborate,, studies on emotion detection and reputation.

5.2 Discussion

The results that were found after the analysis of the corpus should be treated with some caution as the corpus only contains 556 tweets. This number is only a fraction of the tweets that are sent about Donald Trump each day. In addition, the tweets that were extracted for each particular moment were also too small to generalise each of the results. They can, however, be used to give an indication and may be fruitful for future research.

Another shortcoming of this research is that there was only one annotator, which is why no inter-annotator-agreement could be given. As this is only a master's thesis, there is not the same amount of funding as for other research. On top of that, the annotator should have a sound knowledge of English and the American culture, which made it more difficult to find a second annotator.

During the annotation process, it became apparent that for each of the tweets a high number of features needed to be indicated. In total, 19 elements could be indicated, which made the annotation process more difficult and especially more time-consuming. In addition, the annotator could choose from a list of 16 possible emotions, which might have been a too high number, given the small number of occurrences of some of the emotions (e.g. 'love', 'indifference' and so on).

On top of that, as was also indicated in the results section, the results on the division of the popularity between 'Hillary Clinton' and 'Donald Trump' should not be generalised. Therefore, unfortunately, we are unable to determine the (non)-popularity of 'Hillary Clinton' or provide a comparison between the two presidential candidates. The tweets of the corpus were retrieved on the basis of certain hashtags that talked about Donald Trump and not about Hillary Clinton, which may be the reason why less tweets in this corpus were in favour of her. Nevertheless, the combination of target ('Donald Trump' and 'Hillary Clinton') and the type of emotion that was most used can give an indication of the (non)-popularity of a certain candidate. For more conclusive results, however, the number of analysed tweets should be higher. During the analysis of the corpus, it became clear that there was a high number of implicit targets (104 in total), which made it difficult to provide a coherent analysis.

The system showed promising results for emotion detection. Nevertheless, some emotions are often confused with other emotions. Apart from the emotions being closely-related, this may also be due to

the fact that only the first emotion was used for this system. Therefore, it may be the case that the emotion that was wrongly predicted by the system was actually the second emotion that was indicated during the annotations.

Nonetheless, the results and the method of this research could be fruitful for further research. This research is one of the first on emotion detection and reputation which means that the line of research is not yet firmly established. There are a few elements that future research could concentrate on. First of all, researches should establish which emotions are universally used on Twitter and can or should be investigated in future research. Secondly, as many new developments have improved automatic sentiment detection, research should concentrate more on emotion detection as this gives more profound information about a tweet or another instance. Lastly, the field of research of reputation management should be combined more with that of emotion and sentiment analysis as the outcomes might generate useful information. The latter may result in the construction of a well-performing reputation monitoring tool.

6. References

Amigó, E., Carillo-de-Albornoz, J., Chugur, I., Corujo, A., Gonzalo, J., Meij, E., et al. (2014).Overview of RepLab 2014: Author profiling and reputation dimensions for online reputation management. *Proc. of conference and labs of the evaluation forum 2014*, 307-322.

Andreevskaia, A. & Bergler, S. (2006). Mining WordNet for a fuzzy sentiment: sentiment tag extraction from WordNet glosses. 11th conference of the European chapter of the Association for Computational Linguistics, 209-216.

Athar, A. (2011).Sentiment analysis of citations using sentence structure-based features. *Proc. of ACL 2011 Student Session*, 81-87.

Baccianella, S., Esuli, A. & Sebastiani, F. (2010). SentiWordNet 3.0: an enhanced lexical resource for sentiment analysis and opinion mining. *Proc. of LREC '10*, 2200-2204.

Balahur, A.(2011). Methods and resources for sentiment analysis in multilingual document of different text types. *PhD thesis, Univ. of Alicante.* Unpublished.

Balikas, G. & Amini, M.R. (2016). TwiSE at SemEval-2016 task 4: Twitter sentiment classification. *Proc. of SemEval-2016,* 85-91.

Bandhakavi, A., Wiratunga, N., Padmanabhan, D. & Massie, S. (2014). Generating a word-emotion lexicon from #emotional tweets. *Proc. of Sem 2014,* 12-21.

Bellegarda, J. (2010). Emotion analysis using latent affective folding and embedding. *Proc. of the NAACL HLT Workshop on Computational Approaches to Analysis and Generation of Emotion in Text*, 1-9.

Briones, R. L., Kuch, B., Liu, B. F. & Jin, Y. (2011). Keeping up with the digital age: How the American Red Cross uses social media to build relationships. Public Relations Review, 37(1), 37-43.

Brynielsson, J., Johansson, F., Jonsson, C. & Westling, A. (2014). Emotion classification of social media posts for estimating people's reactions to communicated alert messages during crises. *Security Informatics*, *3*(7)**,** 1-11.

Cambria, E. & Hussain, A., (2012). *Sentic computing: Techniques, tools and applications*.: New York. Springer.

Carroll, C. (2013). *The handbook of communication and corporate reputation.* Wichester: John Wiley and Sons.

Carroll, C. E., Greyser, S. A. & Schreiber, E. (2011). Building and maintaining reputation through communications. In C. Caywood (ed.). *The international handbook of strategic public relations & integrated communications* (pp. 457-476). New York: McGra-Hill.

Chaffar, S. & Inkpen, D. (2011). Using a heterogeneous dataset for emotion analysis in text. In: Butz, C. & Lingras, P. (eds) *Advances in artificial intelligence. AI 2011. Lecture Notes in Computer Science, vol 6657* (pp.62-67). Berlin, Heidelberg: Springer.

Coombs, T. (2015). *Ongoing Crisis Communication: Planning, Managing and Responding.* Los Angeles: Sage.

Cossu, J. V., El Bèze, M., Juan-Manuel, T. M. & Sanjuan, E. (2014). E-reputation monitoring on Twitter with active learning automatic annotation. *HAL.*1-16. <hal-01002818>.

Cossu, J. V., Sanjuan, E., Torres-Moreno, J. M., El Bèze, M.(2015). Automatic classification and PLS-PM modelling for profiling reputation of corporate entities on Twitter. (opzoeken). 282-289.

Culotta, A. & Cutler, J. (2016). Mining brand perceptions from Twitter social networks. *Marketing science 35*(3), 343-362.

CXSocial.(s.d.). CX Social: a Clarabridge product. Retrieved May 5, 2017 from http://cxsocial.clarabridge.com/.

Desmet, B. & Hoste, V.(2013). Emotion detection in suicide notes. *Expert systems with applications 40*(16), 6351-6358.

Ding, X., Liu, B. & S. Yu, P.(2008). A holistic lexicon-based approach to opinion mining. *Proc. of the 2008 international conference on web search and data mining,* 231-240.

Ekman, P. (1992). An argument for basic emotions. *Cognition and emotion 6* (3/4), 169-200.

Election Central. (s.d.). 2016 Presidential Debate Schedule.. Retrieved April 19, 2017 http://www.uspresidentialelectionnews.com/2016-debate-schedule/2016-presidential-debate-schedule.

El Marrakchi, M., Bensaid, H. & Bellafkih, M.(2015). Scoring reputation in online social networks. *10ᵗʰ International Conference on Intelligent Systems: Theories and Applications(SITA)*.

Esuli, A. & Sebastiani, F. (2005). Determining the semantic orientation of terms through gloss analysis. *Proc. of the ACM conference on information and knowledge management,*617-624.

Esuli, A. & Sebastiani, F.(2006). SentiWordNet: a publicly available lexical resource for opinion mining. *Proc. of LREC'06,* 417-422.

Esuli, A. & Sebastiani.F.(2007). PageRanking WordNet synsets: an application to opinion mining. Proc. of ACL 2007, 424-431.

Fahrenthold, A.D. (08.10.2016). Trump recorded having extremely lewd conversation about women in 2005. *The Washington Post.* Retrieved from https://www.washingtonpost.com/politics/trump-recorded-having-extremely-lewd-conversation-about-women-in-2005/2016/10/07/3b9ce776-8cb4-11e6-bf8a-3d26847eeed4_story.html?utm_term=.1ef2fcdb066b.

Fellbaum, C.(1998). WordNet an electronic lexical database. The MIT Press, Cambridge, MA. London, May.

Fetik, M. & Thompson, D. (2010). *Wild West 2.0 How to protect and restore your online reputation on the untamed social frontier*. New York: AMA.

Francisco, V. & Gervás, P.(2013) EmoTag: an approach to automated mark-up of emotions in texts*. Computational Intelligence.29*(4), 680-721.

González-Ibáñez, R., Muresan, S. & Wacholder, N.(2011). Idenitifying sarcasm in Twitter. *Proc. of the 49th Annual Meeting of the Association for Computational Linguistics*, 581-586.

Helderman, S.R., Zapotosky, M. & Horwitz, S. (28.10.2016). Computer seized in Weiner probe prompts FBI to take new steps in Clinton email inquiry. *The Washington Post.* Retrieved from https://goo.gl/7Q1DQK.

Jansen, B.J., Zhang, M., Sobel, K. & Chowury, A.(2009). Twitter power: Tweets as electronic word of mouth. *Journal of the American Society for Information Sciences and Technology, 60* (11), 2169-2188.

Jin, Y., Liu, B.F., Anagondahalli, D. & Austin, L.(2014). Scale development for measuring public's emotions in organizational crises. *Public Relations Review 40,* 509-518.

Kamps, J., Marx, M., Mokken, R.J. & de Rijke, M. (2004). Using WordNet to measure semantic orientation of adjectives. *Proc. of LREC'04,* 1115-1118.

Krieg, G. (22.12.2016). It's official: Clinton swamps Trump in popular vote. *CNN.* Retrieved From http://edition.cnn.com/2016/12/21/politics/donald-trump-hillary-clinton-popular-vote-final-count/.

Kim, S-M. & Hovy, E.(2004). Determining the Sentiment of Opinions. *Proc.of COLING 2004*, 1- 8.

Lango, M., Brzezinski, D. & Stefanowski, J. (2016). PUT at SemEval-2016 task 4: The ABC of Twitter sentiment analysis. *Proc. of SemEval 2016*, 126-132.

Levine, S. (01.04.2016). Here are all the dates you need to know for election 2016. *The Huffington Post.* Retrieved from http://www.bbc.com/news/world-us-canada-35356941.

Liu, B. (2012) *Sentiment Analysis and Opinion Mining: synthesis lectures on human language technologies.* Morgan & Claypool Publishers.

Lynch, G. & Cunningham, P. (2014). Linguistically Informed Tweet categorization for online reputation management. *Proc. of the 5ᵗʰ Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis,* 73-78.

Mc Corkindale, T. & Di Staso, M., (2013). The power of social media and its influence on corporate reputation. In Carroll, C. (Ed.) *The handbook of communication and corporate reputation* (pp.104-119). Wichester: John Wiley and Sons.

Mele, C. & Correal, A.(9.11.2016). 'Not our President': Protests Spread After Donald Trump's Election. *The New York Times.* Retrieved from https://www.nytimes.com/2016/11/10/us/trump-election-protests.html.

Musto, C., Semeraro, G. & Polignano, M. (2014). A comparison of lexicon-based approaches for sentiment analysis of microblog posts. *Proc. of the 8th International Workshop on Information Filtering and Retrieval.*

Nakov, P. & Zesch, T.(2014). *Proceedings of the 8ᵗʰ International Workshop on Semantic Evaluation.* Dublin: Association for Computational Linguistics.

Nakov, P., Zesch, T., Cer, D. & Jurgens, D. (2015). *Proceedings of the 9th International Workshop on Semantic Evaluation.* Denver: Association for Computational Linguistics.

O'Connor, B. & Balasubramanyan, R.(2010). From Tweets to polls: linking text sentiment to public opinion time. *International Conference on Web and Social Media 2010 (11*), 1-2.

Pang, B., Lee, L. & Vaithyanathan, S. (2002). Thumbs up? Sentiment classification using machine learning techniques. *Proc. of EMNLP 2002,* 79-86.

Park, N. & Min Lee, K.(2007). Effects of online news forum on corporate reputation. *Public Relations* 33, 346-348.

Perez-Tellez, F., Pinto, D, Cardiff, J. & Rosso, P. (2011). On the difficulty of clustering microblog texts for online reputation management. *Proc. of WASSA 2011,*146-152.

Poels, K. & Hoste, V., (2015). Automatic emotion detection in social media for on the fly organizational crisis communication. *Proc. of HUSO 2015*, 49-50.

Polanyi, L. & Zaenen, A. (2006). Contextual valence shifters. In J. Wiebe (Ed.), *Computing attitude and affect in text: theory and applications.*(pp. 1-10). Dordrecht: Springer.

Pontiki, M., Galanis, D., Papageorgiou, H., Androutsopoulos, I., Manandhar, S., Al-Smadi et al. (2016). SemEval-2016 Task 5: Aspect Based Sentiment Analysis. *Proc. of SemEval 2016,* 19-30.

Pool, C. & Nissim, M. (2016) Distant supervision for emotion detection using Facebook reactions. *Proc. of the workshop on computational modelling of people's opinions*, p*ersonality, and emotions in social media*, 30-39.

Rosenthal, S., McKeown, K. & Agarwal, A.(2014). Columbia NLP: Sentiment detection of sentences and subjective phrases in social media. *Proc. of SemEval 2014,* 198-202.

Russel (1980). A circumplex model of affect. *Journal of personality and social psychology*, *39*(6), 1161-1178.

Severyn, A., Moschitti, A., Uryupina, O., Plank, B. & Filippova, K.(2014). Opinion mining on YouTube. *Proc. of ACL 2014,* 1252-1261.

Shear, D.M (8.11.2016). Presidential Election Live: Donald Trump's Victory. *New York Times.* Retrieved from https://www.nytimes.com/2016/11/08/us/politics/election-live.html.

Staiano, J. & Guerini, M.(2014). A lexicon for emotion analysis from crowd-annotated news. *Proc. of ACL-2014*, 427-433.

Strapparava, C. Mihalcea, R.(2007). SemEval-2007 Task 14: Affective Text. *Proc. of SemEval 2007*. 70-74.

Strapparava, C. & Valitutti, A. (2004). WordNet-Affect: an affective extension of WordNet. *Proc. of LREC'04*, 1083-1086.

Suet Yan, J. L. & Turtle, H.R. (2016). Exploring fine-grained emotion detection in tweets. *Proc of NAACL 2016,* 73-80.

Taboada, M. Brooke, J. Tofiloski, M. Voll, K. & Stede, M. (2011). Lexicon-based methods for sentiment analysis. *Computational Linguistics 37*(4), 267-308.

Taintor, D. (20.10.2016). Trump promises to Accept Election Results 'If I Win'. *NBC News.* Retrieved from http://www.nbcnews.com/card/trump-promises-accept-election-results-if-i-win-n670166.

Tumasjan, A., Sprenger, T.O., Sandner, P.G. & Welpe, I.M. (2010). Predicting elections with Twitter: what 140 characters reveal about political sentiment. *Proc. of AAAI 2010,* 178-185.

Van de Kauter, M., Desmet, B. & Hoste, V.(2015). The good, the bad and the implicit: a comprehensive approach to annotating explicit and implicit sentiment. *Language resources and evaluation. 49* (3), 685-720.

Van Hee, C., Lefever, E. & Hoste, V. (2015). LT3: Sentiment analysis of figurative Tweets: Piece of cake #NotReally. *Proc. Of SemEval 2015,* 684-688.

Van Hee, C., Van de Kauter, M., De Clercq, O., Lefever, E., Hoste, V.(2014). LT3: Sentiment classification in user-generated content using a rich feature set. *Proc. of SemEval 2014*, 406-410.

Varey, R.J.(2013). Corporate reputation and the discipline of marketing communication. In Carroll, C. (Ed.) *The handbook of communication and corporate reputation* (pp.104-119). Wichester: John Wiley and Sons.

Wiebe, J., Wilson, T. & Cardie, C., (2005). Annotating expressions of opinions and emotions in language. *Language resources and evaluation*, 39(2), 165-210.

Wilson, T., Wiebe, J. & Hoffmann, P.(2008). Recognizing contextual polarity: An exploration of features for phrase-level sentiment analysis. *Computational Linguistics, 35*(3), 39 433.

Wright, D.K. & Hinson, M. (2014). An updated examination of social and emerging media use in public relations practice: A longitudinal analysis between 2006 and 2014. *Public relations journal 8(2),* 1-35.

7. Appendices

<u>Appendix I: Guidelines for the annotation of tweets</u>
<u>7.1 Corpus</u>

The corpus consists of tweets about Donald Trump that were retrieved on 7 decisive moments in the American elections and contain the following hashtags:

#NoTrump, #TrumpHate, #DumpTrump, #MakeDonaldDrumpfAgain, #LoveTrumpsHate, #NeverTrump, #LoveTrumpsHate, #DonaldDeplorable, #Trump, #MakeAmericaGreatAgain, #TrumpTrain, #TrumpPence2016, #TrumpRally.

The aim of this research is to investigate which type of emotion is expressed in each of the tweets. In addition, the sentiment (being (very) positive, (very) negative or neutral) and target of the instance will have to be indicated.

<u>7.2 Emotion Expression</u>

For each of the Tweets, it is important to indicate whether a tweet contains an emotion. If this is the case, choose 'yes'. Then choose the emotion that is conveyed in the tweet out of the following list. (Ekman 1993, Russel 1980, Suet Yan & Turtle 2016). Examples of each emotion are included at the end of this document.

• anger	• admiration
• disgust	• conviction
• joy	• doubt
• surprise	• hope
• sadness	• regret
• fear	• gratitude
• frustration	• love
• satisfaction	• indifference

Whenever possible, it is important to indicate the words that are linked with the emotion that was indicated. If this is not possible, the expression of emotion in the concerned tweet is left implicit, which will have to be indicated.

In addition, the emotion in the tweet may be weakened or intensified by the usage of certain modifiers. If that is the case, these modifiers need to be written down.

For example: "This is an incredibly beautiful house." (The adjective beautiful is intensified by "incredibly").

Finally, if a tweet contains irony, this will have to be indicated too.

For example:

Nice of #Trump to give #Hamilton such awesome promotion! :D :D Nothing like a lunatic President elect tweeting about u to get attention.

#Trump #Pence demand an apology from the Hamilton cast for exercising their freedom of speech. Great job protecting the constitution :)

The annotation procedure for emotions is the following:

1. Read the tweet

2. Indicate whether the tweet contains an emotion ('yes' or 'no')

3. If 'yes', indicate which emotion is expressed in the tweet.

4. If possible, indicate the words or phrases in the tweet that convey that emotion.

5. Choose 'yes' in the column of implicitness if there are no such words.

6. If possible, indicate the modifiers that weaken or intensify the emotion.

7. Repeat steps 3-6 for the next emotion (if necessary).

8. Choose 'yes' in the column of irony if the tweet contains an ironic statement.

7.3 Opinion Expression

The aim of the research is not only to see which emotion is conveyed in the tweets, but also to see which sentiment is conveyed. Therefore, the sentiment (positive, negative or neutral) needs to be indicated.

This sentiment is either positive, negative or neutra' and can have gradations:

- Positive or very positive

- Negative or very negative

A tweet is considered 'very' when it contains an explicit modifier (see above), capitalisation or a punctuation mark (! or ?) which has an effect on the strength of the sentiment.

The annotation procedure for sentiment is the following:

1. Read the tweet

2. Indicate the sentiment that is expressed in the tweet (positive, negative, very positive, very negative or neutral)

3. If possible, write down the modifiers that intensify the sentiment.

7.4 Practical

Annotations will be performed in Excel

7.5 Emotion examples

The following with examples of each of the emotions with a non-exhaustive list of possible indications of that emotion.

Anger

#USA likes to call itself most forward thinking nation, yet could potentially elect #trump a #president. Three words. FUCK RIGHT OFF.

Possible indications of anger

- capitalisation

- exclamation mark

- swear words

- mostly about a situation

Disgust

#Trump is a hypocrite who doesn't manufacture his products in America. He has his best interest at heart, not America's, not the planet's.

Possible indications of disgust

- mostly about a person

- usage of negative words or swear words such as 'crooked', 'xenophobic', 'racist', 'misogynist', …

Joy

Early voting shows upsurge of women. Women voters are coming out in force to vote against #Trump
Good! #nevertrump

Possible indications of joy

- usage of positive words such as 'good', 'wonderful', 'delighted, …

Surprise

Hillary Clinton got the most votes and came second to the man who said the election is rigged. Work
that one out #Election2016 #Trump

Possible indications of surprise

- contradiction in the sentence

- usage of words such as 'surprised', 'astonished', 'amazed', 'dazzled', 'bewildered', 'staggered'
  or other synonyms.

Sadness

I know you think retweeting #Trump's posts is funny, but please know, he's being serious. After a while,
that stops being funny. :(

The #Trump family .. burying the last remembrances of American Democracy! :(

9/11 was a dark day. In the US, it generally refers to 11 September. In the UK we know better: It's 9
November: #Trump victory day. :(

Possible indications of sadness

- usage of sad emoticons: ☹ and :'(

- usage of words such as 'sad', 'depressed', 'sorry', 'unhappy', …

Fear

Another hour closer to the time that #Trump gets elected and the #USA falls apart.

Possible indications of fear

- usage of words such as 'anxious', 'fear', 'worry', 'frightened', 'concerned' or other synonyms

- fear for something that might happen in the future

Frustration

When 47% of Americans did not vote what did they or we expect? #USAPolitics #auspol #Trump

Gotdamnit! That fucker got away with it #Trump just settled the fraud lawsuit for 25M. :(#NotMyPresident hello darkness

Possible indications of frustration

- usage of swear words or words such as 'unfit' and synonyms.

- a certain situation that is found to be untrue or unjust.

Satisfaction

#debatenight prediction: #Trump bows outta future debates --- or bows outta race. Either way, I am satisfied.

Possible indications of satisfaction

- usage of words such as 'satisfied', 'content', 'fulfilled' or other synonyms

Admiration

I give Trump so much credit He's only one person and he's up against everyone #Trump Train Full Speed Ahead #VOTE TRUMP NOV 8 #FREE AMERICA

Possible indications of admiration

- usage of capitalisation

- usage of words such as 'admire', 'adore', 'applaud', 'appreciate', 'credit', 'honour', ...

Conviction

The criminal marxist regime of #Obama is waging an undeclared war on local police. Donald #Trump will end that war.

Possible indications of conviction

- modal verbs (e.g. should, would, must, …)

- strong belief or opinion about someone or something

Doubt

I doubt Reid HAS any exercise equip but even if he did, a danger if he spoke out about HRC.#Trump uses words not violence #MAGA #USA

#Trump believes it's O.K not to pay workers if he is not satisfied by their work. I am not sure it's promising concept for USA in his hands

Possible indications of doubt

- usage of words such as 'doubt', 'hesitate', 'imagine', 'disbelieve', …

- if-clause

Hope

Don't mourn, don't run: ORGANISE, MOBILISE, RESIST Not my President!": 1000s of #US #protesters on streets #Trump

I hope that the #Trump #Nation will be more a #BUM nation that an #abomination or an aboli-nation :(

Possible indications of hope

- usage of words such as 'hope', 'wish', 'pray',…

- hope for a better situation

Regret

When you realise the first guy you had a crush on really IS a moron.. :(

Possible indications of regret

- usage of words such as 'regret', 'lament', 'repent', …

- doing something that turns out differently than expected

Gratitude

Thank god the #rothschilds didnt get their puppet! Well done #Trump for keeping that evil corrupt bitch #clinton out of the Trump House!!!

What I'm Thankful 4 other than Jesus & my family, is #Trump I believe he's Gods choice for r country So STOP the chaos & #MAGA

Possible indications of gratitude

- usage of words such as 'thank you' (or another person), 'thankful', 'praise', 'bless', 'appreciate', 'bow down' for someone, 'well done', 'good job', …

- usage of an exclamation mark

Love

I just love how #Democrats always say "Most Americans" don't like #Trump & his #CabinetPicks The Truth is Most Americans voted 4 him 2 #MAGA 1 reply 0 retweets 0 likes

Possible indications of love

- usage of words such as 'love', 'worship', 'idolize', 'treasure', …

- close to admiration but stronger

Indifference

I'm indifferent to this whole election. As long as our communities work together it won't good or bad #TRUMP #ElectionNight #TrumpPresident

Possible indications of indifference

- usage of words such as 'indifferent', 'aloof', 'apathetic', 'uninterested', 'disinterested', ….

Appendix II: Description of the corpus

The following appendices are 'Appendix III: test corpus' and 'Appendix IV: corpus with annotations'. These appendices are a long table with the annotations that were made for the test corpus and the eventual corpus. The tables are very wide and may sometimes contain words that are not abbreviated correctly, since the cells are sometimes too small for the text they contain.

Emotions, sentiment and yes/no answers were not textually inserted in this table but changed to numbers to have more space for other textual elements in the table. What follows is a list with a short explanation of the features that needed to be indicated as well as an explanation of the numbers that are used for each column.

Column 1: number of the tweet

In this master's thesis several examples of tweets in the corpus were used, which were indicated with their number in Appendix IV. The numbers make it also possible to see the division between the seven moments in the corpus.

Moment 1: 1-77

Moment 2: 78-159

Moment 3:160-240

Moment 4: 241-320

Moment 5: 321-401

Moment 6: 402-482

Moment 7: 403-556

Column 2: tweet

The second column contains the original tweet.

Column 3: emotion?

The third column contains either a 1 ('yes') or a 2 ('no') to indicate whether the tweet contains an emotion or not. If it was found that the tweet contained no emotion, the tweet was not further annotated.

Column 4: first emotion

The fourth column contains the number of the first emotion of the tweet. In total, there are sixteen emotions:

'fear'= 1,   'gratitude'=9

'hope'= 2,   'frustration'=10

'disgust'=:3   'admiration'=11

'indifference'=4   'conviction'=12

'surprise'=5   'sadness'=13

'satisfaction'=6   'joy'=14

'doubt'=7   'anger'=15

'love'=8   'regret'=16

Column 5: words first emotion

Column 5 contains the words or phrases that indicated the emotion in the tweet.

Column 6: target first emotion

In column 6 the explicit target of the first emotion can be found.

Column 7: implied target first emotion

Whenever the explicit target of the tweet was not entirely clear, due to a certain hashtag or metonymy, the implied target of the first emotion was also mentioned.

Column 8: implicitness first emotion

Column 8 can contain either a 1 ('yes') or a 2 ('no') to indicate whether the emotion in the tweet was conveyed explicitly or not.

Column 9: modifiers first emotion

If the emotion was made stronger or weaker due to certain modifiers, these needed to mentioned in the ninth column. These modifiers can be words, but also exclamation marks or question marks.

Column 10: second emotion

Often, a tweet contained a second emotion, which needed to be annotated in column 10. The list of the numbers that correlate with a certain emotion can be found under the description of column 4.

Column 11: words second emotion

In this column, the words that convey the second expressed emotion are mentioned.

Column 12: target second emotion

The twelfth column mentions the target of the second emotion that was explicitly mentioned in the tweet.

Column 13: implied target second emotion

The implied target of the second emotion can be found in column 13.

Column 14: implicitness second emotion

If the emotion in the tweet was conveyed implicitly, this column will show a "1" for 'yes'. If the emotion was conveyed explicitly, a "2" for 'no' was written in this column.

Column 15: modifiers second emotion

The modifiers of the second emotion can be found in column 15.

Column 16: irony

If a tweet contained irony, the cell in this column will show a "1" for 'yes'. If the tweet did not convey irony "2" ('no') can be found in the cell.

Column 17: first sentiment

The first sentiment of the tweet can be found in column 17. The numbers that can appear in this column are the following:

'Very negative'= 1

'Negative'= 2

'Neutral'=3

'Postive'= 4

'Very positive'= 5

Column 18: second sentiment

The second sentiment of the tweet can be found in this column. The number-word combination is written in the description of column 17.

Column 19: words first sentiment

This column contains the words that convey the sentiment that was indicated in column 17.

Column 20: words second sentiment

Column 20 features the word that conveyed the second sentiment (column 18).

Column 21: favourability

The last column gives an indication of which candidate the author of tweet most likely voted for. This favourability was inferred from certain textual elements in the tweets, such as hashtags (#TrumpPence2016; #MakeAmericaGreatAgain; #CrookedHillary). Sometimes tweet authors were not explicitly in favour of a candidate, but did show strong indications that they were not in favour of a candidate. Sometimes the tweet author was not in favour of either candidate. This was annotated with 'none'. A few tweets did not convey clearly enough the favourability, which was then annotated with 'not clear'. Here too, numbers were used instead of words:

'Not Donald Trump'= 1

'Donald Trump'= 2

'Not Hillary Clinton'= 3

'Hillary Clinton'= 4

'None'= 5

'Not clear'= 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	@girlsreallyrule #Trump is disgusting. Seriously, I cannot stand the man. Go back to your sewer you nasty #SewerRat (Donald)	1	3	disgusting; I cannot stand the man. Go back to your sewer you nasty #SewerRat	#Trump; (Donald)	Trump	2		15	I cannot stand the man	the man; (Donald); #Trump	Trump	2		2	1	2	disgusting; sewer; #SewerRat; nasty		1
2	My main issue with #Trump is the same issue I have with anyone who is such a narcissist!#AlSmithDinner	1	10	My main issue with #Trump is the same issue I have with anyone who is such a narcissist	#Trump	Trump	2		3	such a narcissist	#Trump	Trump	2		2	2	2	issue; narcissist	narcissist	1
3	Frustrated and ignorant #Trump supporters on #Twitter LMFAO, if only stupidity would cause physical pain....	1	15	Frustrated and ignorant	#Trump supporters on Twitter	Trump followers	2		13	If only stupidity would cause physical pain....	#Trump supporters	Trump followers	2		2	2	2	frustrated; ignorant	stupidity	1
4	"Where have you gone dear Mitt Romney? Our nation turns its lonely e1 to you. Ooooo" - The ENTIRE GOP at this very moment. #Trump	1	13	Where have you gone dear Mitt Romney? Our nation turns its lonely e1 to you. Ooooo	Mitt Romney		2								1	2				1
5	#USElections Final debate found #Trump knocking down the great tree of	1	15	What kind of nut he thinks he is?	he; #Trump	Trump	2		3	knocking down the great tree of	#Trump	Trump	2		2	2	2	nut	knocking	1

	American #democracy: what kind of nut he thinks he is?									American #democracy:										
6	Trump challenging election means more free media and more $$$ in Trump's pocket. #NeverTrump #Trump	1	10	more $$$ in Trump's pocket	Trump		2								2	2				1
7	There are lies, damned lies, & then there are #Trump lies ...	1	3	There are lies, damned lies, & then there are #Trump lies ...	#Trump	Trump	2	#Trump lies							2	1		damned; lies		1
8	@JAmy208 @LOVEINE choose #trump. at least he isn't bat shit crazy evil criminal. i was all about hillary until Benghazi lies and emails	1	3	bat shit crazy evil criminal.; lies	Hillary	Clinton	2	bat shit	2	choose #trump.	#trump	Trump	2		2	1	4	bat shit crazy evil criminal; lies		2
9	#Hitlery is the #AbortionFanatic who loathes #Catholics and the crowd boos #Trump!?! If ever a group owed kids, it's these demons. #AlSmith	1	3	#Hitlery is the #AbortionFanatic who loathes #Catholics; demons	#Hitlery		2		10	and the crowd boos #Trump!?!	the crowd		2	!?!	2	2	1	#Hitlery;#AbortionFanatic;loathes; demons	boos	6
10	#TRUMP Tuesday, #Nov8 STOP #Hillary Anti- #American nonsense Let's get to work to help the #American people!	1	2	Let's get to work to help the #American people!	#American people		2		10	#Hillary Anti- #American nonsense	#Hillary	Clinton	2		2	4	2	help	Anti; nonsense	2

	Tweet																			
	.@realDonaldTrump #CO																			
11	Another hour closer to the time that #Trump gets elected and the #USA falls apart	1	1	Another hour closer to the time that #Trump gets elected and the #USA falls apart	#Trump	Trump	2							2	2		falls apart		1
12	@Foxnewsplus @Trump4Hope Loose lips sinks ships. #WakeUpAmerica #NeverHillary can't be trusted with classified information. Vote 4 #Trump	1	10	Loose lips sinks ships	#NeverHillary	Clinton	2		3	can't be trusted with classified information.	#NeverHillary	Clinton	2		2	2	2			2
13	@realDonaldTrump not only gave Hillary a "roast" during the #AlSmithDinner he "toasted" her and the liberal media! #trump @DanScavino #maga	1	14	not only gave Hillary a "roast" during the #AlSmithDinner he "toasted" her and the liberal media!	@realDonaldTrump; he	Trump	2							2	4				2
14	Brainwashed kids leads to dumb brainwashed adults which leads to a messed up society where we have to choose between #trump and #hillary.	1	10	messed up society where we have to choose between #trump	#trump; #hillary	Clinton and Trump	2		13	Brainwashed kids leads to dumb brainwashed adults which leads to a	messed up society	America	2		2	2	2	messed up	brainwashed; dumb; messed up	5

				and #hillary.						messed up society										
15	#Trump thinks the election is historical because of him. Better described as hisTERical because of him. History goes to @HillaryClinton #HFA	1	3	Better described as hisTERical because of him	him; #Trump	Trump	2		11	History goes to @HillaryClinton	@HillaryClinton	Clinton	2		2	2	4	hisTERical		4
16	Trump; "nobody respects women more than I do" Why has lying become so commonplace. #worstelection #debate #trump #clinton	1	13	Why has lying become so commonplace. #worstelection	Trump; #trump; #clinton	Trump and Clinton	2		3	nobody respects women more than I do	Trump		2		2	2	2	lying		5
17	MINUTE #TRUMP OPENS HIS MOUTH HE'S LYING! HOW DID HE EVER GET THIS FAR!!!! #NEVERTRUMP	1	3	MINUTE #TRUMP OPENS HIS MOUTH HE'S LYING	#TRUMP	Trump	2		5	HOW DID HE EVER GET THIS FAR!!!!	HE; #TRUMP	Trump	2	!!!!	2	1	1	LYING		1
18	ARROGANT #TRUMP will NEVER WIN THIS ELECTION! HE'D SET OUR COUNTRY BACK DIVIDE SCARE LIE NO PLANS! JUST DEFLECTS & CRITICIZES! MEGALOMANIAC!	1	3	ARROGANT; DIVIDE SCARE LIE; JUST DEFLECTS & CRITICIZES! MEGALOMANIAC	#TRUMP; HE	Trump	2	!!	15	ARROGANT #TRUMP will NEVER WIN THIS ELECTION! HE'D SET OUR COUNTRY BACK DIVIDE SCARE LIE NO PLANS! JUST DEFLECTS & CRITICIZES! MEGALOMANIAC!	#TRUMP; HE	Trump	2	!!!	2	1	1	ARROGANT; DIVIDE SCARE LIE; DEFLECTS; CRITICIZES; MEGALOMANIAC	ARROGANT; DIVIDE SCARE LIE; DEFLECTS; CRITICIZES; MEGALOMANIAC	1

19	DNC Chair condemns Obama's Economy. "He created jobs but they are all low paying jobs..." #Trump #Job #NeverHillary Watch & Retweet #change	1	10	He created jobs but they are all low paying jobs..."	Obama		2									2	2		low paying		2
20	The criminal marxist regime of #Obama is waging an undeclared war on local police. Donald #Trump will end that war.	1	3	The criminal marxist regime of #Obama is waging an undeclared war on local police.		Obama	2		2	#Trump will end that war.	#Trump	Trump	2		2	2	4	criminal; war		2
21	Appreciate this man and what he stands for. His passion and emotion was felt & many including myself feel the same as he. #Trump	1	11	Appreciate this man and what he stands for	this man; #Trump	Trump	2		14	His passion and emotion was felt & many including myself feel the same as he. #Trump	#Trump; he; his	Trump	2		2	4	4	appreciat	passion	2
22	Thank you Mr. #Trump for standing up for America. We stand with you. Vote #TrumpPence16 to give us a true leader who CARES about US	1	9	Thank you	Mr. #Trump	Trump			2	Vote #TrumpPence16 to give us a true leader who CARES about US	a true leader; #Trump	Trump	2		2	4	4	thank	cares; true	2
23	@5U5ie777 #Trump did not answer the question,because he is incapable.There was never a candidate with so	1	10	#Trump did not answer the question, because he is incapable.	#Trump; he	Trump	2		13	There was never a candidate with so little understand	a candidate; #Trump	Trump	2	so little	2	2	1	incapable		1

ID	Tweet																			
	little understanding of politics.									ing of politics.										
24	@realDonaldTrump You're a smudge on the roadmap of civilised progress, but one that will, mercifully, fade away. #Trump #Election2016 #polls	1	3	You're a smudge on the roadmap of civilised progress,	You; @realDonaldTrump	Trump	2		2	but one that will, mercifully, fade away.	one; @realDonaldTrump	Trump	2		2	2	4	smudge	mercifully	1
25	I give Trump so much credit He's only one person and he's up against everyone #Trump Train Full Speed Ahead #VOTE TRUMP NOV 8 #FREE AMERICA	1	11	I give Trump so much credit He's only one person and he's up against everyone	Trump		2	so much	10	He's only one person and he's up against everyone	He; Trump	Trump	2		2	5	2	credit		2
26	@wycagirl @Trump_Erie Once again proof #HillaryClinton is a sociopathic hypocrite that deserves to get the boot by voting #Trump on Nov 8th!	1	3	a sociopathic hypocrite	#HillaryClinton	Clinton	2		2	that deserves to get the boot by voting #Trump on Nov 8th!	#Trump	Trump	2		2	2	4	sociopathic hypocrite		2
27	MAKING AMERICA GREAT AGAIN - GET ON BOARD WITH MR & MRS TRUMP TRAIN LADIES AND GENTLEMEN ! #TRUMP, #MELANIATRUMP, #MELANIA, #DONALDTRUMP	1	2	MAKING AMERICA GREAT AGAIN - GET ON BOARD WITH MR & MRS TRUMP TRAIN LADIES AND GENTLEMEN !	MR & MRS TRUMP; #TRUMP; #MELANIATRUMP; #MELANIA. #DONALDTRUMP	Melania and Trump	2		14				1		2	5	5			2

2 8	U know why #Trump said 'ohhh im going to do very well w the blacks' he THOUGHT blacks were dumb.turns out as we already knew he was wrong.	1	3	he THOUGHT blacks were dumb.turns out as we already knew he was wrong.	he; #Trump	Trump	2		1 5				1		2	2	2	wrong		1
2 9	#Trump has to be put down like a mad dog.I mean - are U a woman or a mother to talk about late abortions & pregnancies if U never had one?	1	3	are U a woman or a mother to talk about late abortions & pregnancies if U never had one?	U; #Trump	Trump	2		1 5	has to be put down like a mad dog.	#Trump	Trump	2		2	2	2		mad	1
3 0	#Trump will not win and become president. Just because, he is some rich ass white cracker, doesn't mean he is entitled to everything!	1	3	he is some rich ass white cracker; doesn't mean he is entitled to everythin!	he; #Trump	Trump	2		1 5				1		2	2	2	ass white cracker		1
3 1	Early voting shows upsurge of women http://politi.co/2dw936v Women voters are coming out in force to vote against #Trump Good! #nevertrump	1	1 4	Women voters are coming out in force to vote against #Trump Good!	Women voters		2								2	4		Good!		1
3 2	#USA likes to call itself most forward thinking nation, yet could potentially elect #trump a	1	5	#USA likes to call itself most forward thinking	#USA	Americ a	2		1 5	Three words. FUCK RIGHT OFF.	#USA; #trump	Trump and America	2		2	2	1		FUCK	1

	#president. Three words. FUCK RIGHT OFF.			nation, yet could potentially elect #trump a #president																
33	@realDonaldTrump @KellyannePolls Why don't you make your products in the US instead of Indonesia? Instant jobs.#Trump #nevertrump #fucktrump	1	10	Why don't you make your products in the US instead of Indonesia? I	@realDonaldTrump; you	Trump	2		15	#fucktrump	#fucktrump	Trump	2		2	2	2		#fucktrump	1
34	Coward republicans, you pissant whiners who are upset #Trump isn't your favorite guy so you'll vote for an un-vetted, no media attention guy	1	3	Coward republicans; you pissant whiners	republicans		2		10	who are upset #Trump isn't your favorite guy so you'll vote for an un-vetted, no media attention guy	republicans		2		2	2	2	coward; pissnat whiners	upset; un-vetted	6
35	@realDonaldTrump Oh I can't to watch you get slaughtered on Election Day. It's going to be so satisfying! #Trump #nevertrump #dumptrump	1	2	Oh I can't to watch you get slaughtered on Election Day. It's going to be so satisfying!	@realDonaldTrump; #Trump; #dumptrump	Trump	2		6	It's going to be so satisfying	Election Day		2	so	2	4	4		satisfying	1
36	A #Trump win will make every racist, misogynist, bigot, and xenophobe feel empowered and emboldened to do	1	1	A #Trump win will make every racist, misogynist	#Trump	Trump	2		3	racist, misogynist, bigot, and xenophobe	#Trump	Trump	2		2	2	2	racist, misogynist, bigot, and xenophobe	racist, misogynist, bigot, and xenophobe	1

	anything they want. #BuryTrump			, bigot, and xenophobe feel empowered and emboldened to do anything they want.																
3 7	I know she can hold her own, but damn, #Trump needs to back off @FLOTUS! No respect! #MichelleObama #HillaryClinton #nevertrump #bully trump	1	1 5	but damn, #Trump needs to back off @FLOTUS!	#Trump	Trump	2		3	No respect!	#Trump	Trump	2		2	2	2	back off	No respect	1
3 8	#Trump's budget plan is completely insane, and of course it would screw over the environment	1	1	#Trump's budget plan is completely insane, and of course it would screw over the environment	#Trump	Trump	2		1 0	completely insane	#Trump	Trump	2	compl etely	2	2	1	screw over	insane	1
3 9	@jobinindia Trump has destroyed his name, destroyed his family, trying to destroy Democracy. Vote Clinton. #trump	1	1	Trump has destroyed his name, destroyed his family, trying to destroy Democracy.	Trump			2							2	2		Destroy		4
4 0	We are fighting against the she devil !	1	1	We are fighting	she devil	Clinton	2		3	she devil	she devil	Clinton	2		2	2	2	she devil	she devil	2

	#MAGA #trump #foxnews #PodestaEmails15			against the she devil!																
4 1	@ABC You can give us whatever "poll" information you have. We don't believe them, and they are all over the charts. We're voting #TRUMP!!	1	1 0	We don't believe them	@ABC	ABC News	2									2	2			2
4 2	The crooked Clintons want full access to the Treasury & hand out contracts to all their buddies. #Vote2016 #election #Trump	1	3	The crooked Clintons want full access to the Treasury & hand out contracts to all their buddies	Clintons		2									2	2	Crooked		2
4 3	#MSM Stop saying these stupid lies. You guys and your scare tactics to try to get people not to vote @realDonaldTrump. Vote for #trump.	1	3	Stop saying these stupid lies.	#MSM	Mainstr eam Media	2		1 0	You guys and your scare tactics to try to get people not to vote	You guys; #MSM	Mainstr eam Media	2		2	2	2	Lies	scare	2
4 4	#Trump is gonna have lawsuits against acusing woman? Is the USA Justice alowing rich sexoffenders to get away with everything?	1	3	Is the USA justice alowing rich sexoffende rs to get away with everything ?	rich sexoffenders ; #Trump	Trump	2		1 0	#Trump is gonna have lawsuits against acusing woman?	#Trump	Trump	2		2	2	2	Sexoffenders	lawsuits	1
4 5	@randyprine #Trump is learning from the 'good ol' guys' like #Erdogan, the Master	1	3	#Trump is learning from the 'good ol'	#Trump	Trump	2									2	2			1

#	Tweet																			
	of all top-accusers under any gods' skies.			guys' like #Erdogan, the Master of all top-accusers under any gods' skies.																
46	#Hillary is a war hungry corrupt sociopath who will get us into war. #Trump is the rational choice w/ business sense in this election. #News	1	3	a war hungry corrupt sociopath who will get us into war.	#Hillary	Clinton	2		12	#Trump is the rational choice w/ business sense in this election.	#Trump	Trump	2		2	2	4	war; corrupt sociopath	rational	2
47	The difference between Bill Cosby and #realdonaldtrump #trump is that at least Bill was funny... #trump is deplorable.	1	13	deplorable	#trump; #realdonaldtrump	Trump	2		3	The difference between Bill Cosby and #realdonaldtrump #trump is that at least Bill was funny...	#trump; #realdonaldtrump	Trump	2		2	2	2			1
48	#Trump Just another example of how easy it is for these people to mislead the American people! Together we can shut down the Clinton Maffia	1	10	Just another example of how easy it is for these people to mislead the American people! T	Clinton Maffia	Clinton	2		3	Clinton Maffia	Clinton Maffia	Clinton	2		2	2	2	Mislead	Maffia	2
49	#Trump is a hypocrite who doesn't manufacture his	1	3	a hypocrite	#Trump	Trump	2		10	who doesn't manufactur	#Trump; he	Trump	2		2	2	2	Hypocrite		1

	products in America. He has his best interest at heart, not America's, not the planet's.									e his products in America. He has his best interest at heart, not America's, not the planet's.										
5 0	Liberals say Trump isn't qualified to handle the economy...he's lots of books on finances...but that's none of my business #Trump	1	1 0	Liberals say Trump isn't qualified to handle the economy	Liberals		2								2	2				2
5 1	Billy Bush says nothing gets fired. Trump says the dodgy stuff and gets promoted to President. #makessense #billybush #trump	1	1 0	Trump says the dodgy stuff and gets promoted to President	Trump		2		3	dodgy stuff	Trump				2	2	2	Dodgy	dodgy	1
5 2	#USElection2016 so Americans would rather have #TRUMP in White House than have a woman in the White House. Says a lot about US culture.	1	5	so Americans would rather have #TRUMP in White House than have a woman in the White House.	Americans		2		1 0	Says a lot about US culture	US culture	Americans	2		2	2	2			1
5 3	@xtraass Thank you! We were sucked in by society to believe	1	9	Thank you	@xtraas		2		1 0	We were sucked in by society	Society	Americans	2		2	4	2	Thank	sucked; evil	2

	that he is evil & blah blah but he has the same morals we believe in. #TRUMP									to believe that he is evil & blah blah										
54	Hillary Clinton got the most votes and came second to the man who said the election is rigged. Work that one out #Election2016 #Trump	1	10	Hillary Clinton got the most votes and came second to the man who said the election is rigged. Work that one out	#Trump	Trump	2								2	2				4
55	Give the devil an inch and he takes a mile. e.g #Trump	1	3	Give the devil an inch and he takes a mile	#Trump	Trump	2								2	2		Devil		1
56	Don't mourn, don't run: ORGANISE, MOBILISE, RESIST Not my President!": 1000s of #US #protesters on streets #Trump	1	2	ORGANISE, MOBILISE, RESIST		Americans	2		10	Not my President	#Trump	Trump	2		2	5	2			1
57	Anxious to hear how #Trump is going to end ISIS, improve healthcare, economy, jobs, infrastructure, education...	1	1	Anxious to hear how	#Trump	Trump	2								2	2		Anxious		1
58	Thank god the #rothschilds didnt get their puppet! Well done #Trump for keeping that evil corrupt bitch #clinton	1	9	Thank god	God		2		3	that evil corrupt bitch	#Clinton	Clinton	2		2	4	2	Thank		evil corrupt bitch	2

ID	Text			Excerpt	Target					Excerpt 2										
	out of the Trump House!!!																			
59	When 47% of Americans did not vote what did they or we expect? #USAPolitics #auspol #Trump	1	10	When 47% of Americans did not vote what did they or we expect?	Americans		2								2	2				1
60	Americans chose hate over love, bigotry over tolerance. how did we got here? The same #America that elected #obama twice, goes for #Trump	1	3	chose hate over love, bigotry over tolerance	Americans		2		5	how did we got here? The same #America that elected #obama twice, goes for #Trump	#Trump	Trump	2		2	2	2	hate; bigotry		1
61	Some of the media is still slinging mud. They'll learn. #Trump never lied. I welcome an honest AG, FBI, & Hillary's organization behind bars	1	10	Some of the media is still slinging mud. They'll learn #Trump never lied	some of the media		2		2	I welcome an honest AG, FBI & Hillary's organization behind bars	Hillary's	Clinton	2		2	2	2	slinging mud		2
62	Obama has asked me to have an open mind; Hillary said give him a chance - they ask too much - #Trump is Hitler - Hitler gets nothing from me	1	13	Obama has asked me to have an open mind; Hillary said give him a chance - they ask too much	Obama; Hillary	Clinton and Obama	2		3	#Trump is Hitler - Hitler gets nothing from me	#Trump	Trump	2		2	2	2		Hitler	4
63	I'm indifferent to this whole election. As	1	4	I'm indifferent	Election		2		2	As long as out	communities			2		2	3	4			6

No	Tweet																			
	long as out communities work together it won't good or bad #TRUMP #ElectionNight #TrumpPresident			to this whole election						communiti es work together it won't good or bad										
6 4	People need to get over #trump winning. The world will go on, there will be a Tomorrow!!!!! #Election2016	1	1 0	People need to get over #trump winning	people		2		2	The world will go on, there will be a Tomorrow! !!!	the world		2	!!!!	2	2	5			6
6 5	#Putin already expects #Trump to lift sanctions against Russia upon taking office. Our downfall has now begun. Pray for us.			Our downfall has now begun.	Trump	Trump	2		1	Pray for us	#Trump	Trump	2		2	2	2	Downfall		1
6 6	#brexit #Trump am I the only one who doesn't particularly give a fuck. Born, live, die, only guarantee you'll get, oh and of course tax.	1	4	am I the only one who doesn't particularly give a fuck.	#Trump	Trump	2		1 0	Born, live, die, only guarantee you'll get, oh and of course tax.	#Trump	Trump	2		2	2	2	Fuck		6
6 7	You imbeciles are protesting democracy. Absolutely disgusting. #Election2016 #Trump #Chicago	1	1 0	You imbeciles are protesting democracy.	Imbeciles	protest ers	2		3	Absolutely disgusting	imbeciles	proteste rs	2	absolu tely	2	2	2	Imbeciles	disgusting	2
6 8	#Hilary led coalition which assassinated #Gaddafi,caused disorder in north #Mali.#Trump will be a better PR than she on the world stage.	1	3	#Hilary led coalition which assassinat ed #Gaddafi,c aused disorder in north #Mali	#Hilary	Clinton	2		1 2	will be a better PR than she on the world stage.	#Trump	Trump	2		2	2	4	Assassinated	better	2

69	Well at least now we get to see how many of those insane promises #Trump made he will actually be able to keep. I'm betting hardly any!	1	10	insane promises	#Trump	Trump	2								2	2		Insane		1
70	How is it ok for black, hispanics and women to vote for their interests but its racist when white men do it? #Calexit #Trump	1	10	How is it ok for black, hispanics and women to vote for their interests but its racist when white men do it	black, hispanics and women		2		15						1	2	2			2
71	#Hillary never prepared to lose. #Trump never prepared to win. What happens now, nobody knows. But we do know, it will be terrifying.	1	1	What happens now, nobbody knows. But we do know, it will be terrifying	#Trump	Trump	2								2	2		Terrifying		1
72	THIS IS SOME REAL BULL SHIT #CNN #TRUMP ALL THIS SHIT IS FAKE ,	1	15	THIS IS SOME REAL BULL SHIT; ALL THIS SHIT IS FAKE	#TRUMP	Trump	2								2	1		SHIT; FAKE		1
73	Interesting to hear The Donald talk about coming together. Actions speak louder than words. Want to see	1	12	Actions speak louder than words	#Trump	Trump	2		2	Want to see him be the man that makes change	man; #Trump	Trump	2		2	2	4			2

him be man that makes change. #Trump																

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	The media is super outraged by fat shaming… #TrumpTrain #Trump2016 #MAGA	1	10	super outraged by fat shaming	the media		2	super							2	2		outraged		2
2	People only vote for #Trump cause they are frustrated by old politics and want true change. They are ready to elect anyone for it. #polusa	1	10	Frustrated	old politics		2		15	are ready to elect anyone for it	#Trump	Trump	2		2	2	2	frustrated		1
3	#Obama 2008 campaign ran on Hope. #Trump is running on hopelessness. Glad I am not living in DC anymore otherwise I would be depressed.	1	13	hopelessness, depressed	#Trump	Trump	2		14	glad	not living in DC	Washington	2		2	1	4	hopelessness; depressed	glad	1
4	Clinton schlonged Trump yesterday. #presidentialdebate #NeverTrump	1	14	Schlonged	Clinton		2								2	4				4
5	@Cernovich has anyone asked how does Hillary know #trump doesn't pay taxes? Either she's lying or the IRS slipped info.	1	3	Lying	Hillary; she	Clinton	2		10	slipped info	IRS	IRS	2		2	2	2	lying		6
6	@RozierCarol: @mblueisland5667 The vast majority of .@realDonaldTrump followers are brain-dead. #NeverTrump #TrumpTrain #TrumpTaxes #DeplorablesUnite	1	10	brain-dead	The vast majority of @realDonaldTrump followers	Trump supporters	2		15				1		2	2	2	brain-dead		1
7	@joshob1987: #WhatMakesMeABadass is not voting for either criminal. #BringBernieBack #BernieOrJill #NeverHillary #NeverTrump	1	12	#WhatMakesMeABadass	Me	I	2		3	criminal	either criminal	Clinton and Trump	2	either	2	4	2		criminal	5
8	@andendall If #Trump was so concerned about #jobs going overseas, he'd bring the manufacturing of his clothing line to the US. He's a fraud.	1	3	Fraud	#Trump; he	Trump	2		10	if so concerned	#Trump	Trump	2		1	2	2	fraud		1

9	@JPE_814: Saw a girl wearing a #MakeAmericaGreatAgain hat on my way to class. At least she has some brains!	1	11	Brains	a girl	Trump	2	some							2	4				2
10	@AnnCoulter you are a #failed author. Voting #trump loses interest. People look for quality books and not for degrading low iq gossip	1	15	Failed	@AnnCoulter	Ann Coulter	2		10	degrading low iq gossip	@AnnCoulter	Ann Coulter	2		2	2	2	failed	degrading low iq	6
11	@SupermanHotMale: #BOOM|I love my @FLOTUS and I love when she speaks truth to #Trump!!!	1	8	love; love	@FLOTUS	Michelle Obama	2		14	love; truth	@FLOTUS	Michelle Obama	2	!!!	2	5	5	8		1
12	#obamatownhall Watching @POTUS makes it obvious how incredibly unfit #Trump is. There is only one sane choice #ImWithHer #NeverTrump	1	6	Obvious	@POTUS	Barack Obama	2		12	only one sane choice	#ImWithHer	Clinton	2	only one	2	4	4		sane	4
13	@realDonaldTrump you must win this election!! So many people depending on you!! #TrumpTrain	1	2	you must win this election!!	@realDonaldTrump	Trump	2								2	4				2
14	Man, #Trump is really delusional. Some of his ppl finally told him, WHAT THE FUCK ARE U TALKING ABOUT U FUCKING LOST.	1	10	Delusional	#Trump	Trump	2	really	15	WHAT THE FUCK; FUCKING	U	Trump	2		2	1	1	delusional	FUCKING; FUCK; LOST	1
15	If you were going to pick the #POTUS solely from people that have starred in reality TV shows, how far down the list would #Trump be?	1	10		Trump	Trump	1								1	2				6
16	@swoozyqyah his refusal to pay taxes is a big screw u to all of us|His gifts are chump change for a true millionaire. #NeverTrump	1	3	big screw; chump change	his; #NeverTrump	Trump	2	big							2	2		screw; chump		1
17	@ABC That's what's so great about #NeverHillary. She came w/nothing, answered nothing & left w/nothing. #TRUMP is for the people of USA!	1	10	came w/ nothing, answered nothing & left w/ nothing	#NeverHillary	Clinton	2		14	for the people	#TRUMP	Trump	2	!	1	2	4	nothing		2

ID	Tweet																			
18	@juleskfrazier I will still |recognize America after a @HillaryClinton Presidency. The alternative is too scary to fathom. #DumpTrump	1	1	too scary to fathom.	the alternative; #DumpTrump	Trump	2	too							2	2		scary		4
19	@Veteran4Trump Thank you to ALL Hispanic Americans, Latino Americans, Black Americans, low and middle class Americans who support #TRUMP	1	9	Thank you	Hispanic Americans, Latino Americans, Black Americans, low and middle class Americans who suport #TRUMP	Trump supporters	2	ALL							2	5		thank you		2
20	#Trump should not be allowed to continue to run for Pres until he pays his taxes in full.Period.His illegalities have reached extreme limits	1	15	should not be allowed to continue	#Trump	Trump	2	Period.	3	illegalities have reached extreme limits	his; #Trump	Trump	2		2	2	2		illegalities	1
21	more twitter #censorship #corruption. wipes #ClintonScandals from trending and doesn't even autocomplete. #NeverHillary #Trump #MAGA	1	3	#corruption; #censorship; wipes #ClintonScandals from trending	#ClintonScandals	Clinton	2	more	10	doesn't even	#ClintonScandals	Clinton	2		2	2	2	#corruption; #censorship		2
22	@luzmar3009: #trump gives money to #Castro but doesn't pay taxes to help our own economy! #Deplorable indeed! #lastword	1	15	gives money to #Castro but doesn't pay taxes	#trump	Trump	2		3	#Deplorable	#trump	Trump	2		1	2	2		#Deplorable	1
23	#letitrip #fox2 you cannot get past the racial issues at work when it comes to the support for #trump with many blue collar workers	1	15	racial issues	#fox2	Fox News	2								2	2		racial issues		6
24	If @realDonaldTrump decides 2 talk abt infidelity @HillaryClinton needs 2 bring up how he cheated w/ Marla. #nevertrump #IAmWithHer	1	3	Cheated	@realDonaldTrump	Trump	2		10	infidelity	@realDonaldTrump	Trump	2		2	2	2	cheated	infidelity	4

2 5	@Bonnieinchgo: Not surprised that #Trump conducting illegal biz in #Cuba. Anything for a buck @Maddow	1	3	not surprised; illegal biz	#Trump	Trump	2		1 0	anything for a buck	#Trump	Trump	2	anythi ng	2	2	2	illegal biz		1
2 6	@USAelection: @realDonaldTrump @CNN @donlemon |The all promised #Trump to fix it, but they made it worse. So at last, he decided to do it himself. The End	1	1 0	made it worse	They	they	2		1 4	at last	he; @realDonal dTrump	Trump	2		2	2	2	worse		2
2 7	@FoxNew @krystalball #Trump-Dems call him crazy ""-""unstable"". Now he's a ""sexist"" pig. Who's usign nasty language?Mock/ridicule- all you have?	1	1 0	call him crazy ""_""unstable "". Now he"s a ""sexist"" pig.	#Trump-Dems	Democrats	2		1 0	mock, ridicule all you have?	#Trump-Dems	Democrats	2	all	2	2	2		mock ; ridicu le	2
2 8	@funder Federal cases coming up. Watch what happens next. He's embroiled in Scandals everyday. Its a matter of time.|#FlipItDem #NeverTrump	1	2	watch what happens next; matter of time	He; #NeverTrump	Trump	2		3	Scandals	He; #NeverTrum p	Trump	2	every day	2	4	2		scan dals	1
2 9	@hinasil @carysewwhat @IanCorona @TeamTrump @realDonaldTrump Why would I want JUST an apology from #Trump? I want him & you deported! #MAGA	1	1 5	JUST; deported	asil @carysewwh at @IanCorona @TeamTrump @realDonaldT r	Trump	2									2	1		deported		1
3 0	I declare USA Today's editorial board unfit for providing news. This evening witht their departure from sanityBoycott USA Today|Vote#Trump	1	1 0	unfit for providing news	USA Today's editorial board	USA Today	2		3	departure from sanity	USA Today's editorial board	USA Today	2		2	2	2	unfit		2
3 1	@ABC Trump wrote a book named The Art of The Steal or Deal? Because he likes to steal from the American People. #MakeAmericaGreatAgain?	1	3	He likes to steal from the American People.	Trump	Trump	2									2	2		steal		1
3 2	@WarpedWillie @schotts No. The joke is #Trump as a presidential candidate. #dumbtrump	1	5	The joke is #Trump as a presidential candidate.	#Trump	Trump	2									2	2				1

3 3	#Trump supporters are White Supremacists, Morons, Pedophiles, Anti Semites and #Racists, but even they know that BILLIONAIRES MUST PAY TAXES	1	3	White Supremacists, Morons, Pedophiles, Anti Semites and #Racists	#Trump supporters	Trump supporters	2		1 5	BILLIONAIRES MUST PAY TAXES	BILLIONAIRES	Billionaires	2		1	1	2	White Supremacists, Morons, Pedophiles, Anti Semites		1
3 4	@MagicRoyalty @realDonaldTrump Trump sucks, he's a baboon. #AnyoneButTrump #NeverTrump #WeakDonald #NoCowardInTheWhitehouse	1	3	sucks; baboon; #NeverTrump; #WeakDonald; #NoCowardInTheWhitehouse	@realDonaldTrump	Trump	2								2	2		sucks; coward		1
3 5	@ninaland: I make porn & I must say, Trump is too vulgar for me. #NeverTrump	1	3	too vulgar	Trump	Trump	2	too							2	2		vulgar		1
3 6	@livin_2point0: He admitted it in a national stage before millions #Trump is a #freeloader #mooch #leech on society.	1	3	#freeloader #mooch #leech on society	#Trump	Trump	2								2	1		#freeloader #mooch #leech on society		1
3 7	@SmartGuyLA: #MikePence, the right-wing homophobe #Trump chose as his running mate, looks like a guy from a #Viagra ad.|Maybe that's why Trump likes him	1	3	homophobe, Viagra-ad	#MikePence	Mike Pence	2								2	2		homophobe		1
3 8	Hypocrisy at its finest!||#ImWithHer #NEVERTRUMP #VoteBlue	1	3	Hypocrisy at its finest!	#NEVERTRUMP	Trump	2	at its finest!							2	2		Hypocrisy		4
3 9	@CNN is unwatchable & @nytimes is unreadable. Both are biased as can be with few right leaning contributors. #MAGA #TrumpTrain #Trump	1	1 0	biased; unwatchable, unreadable	@CNN; @nytimes	CNN, NY Times	2								2	2		biased		2
4 0	@LauraDawnANW @IsaBeallQ See,#Trump is smarter and	1	1 4	smarter; great point	#Trump	Trump	2		1 0	knows the law better	#Trump	Trump	2	! !!	1	4	2	smarter; great	illega ls	6

	knows the laws better than illegals! !! Great point									than illegals! !!										
41	@washingtonpost inciting racial division is not presidential. it's anti american. #NeverTrump	1	15	inciting racial division is not presidential. It's anti american.	#NeverTrump	Trump	2							2	2			racial division; anti		1
42	@AdamParkhomenko @KellyannePolls #DontheCon is NOT a Billionaire He is a #Fraud #UnfitToLead #NeverTrump #ImWithHer #StrongerTogether	1	3	#Fraud	#DontheCon	Trump	2		10	#UnfitToLead	#DontheCon	Trump	2		2	2	2	#Fraud	#UnfitToLead	4
43	Let's cut thru the noise & trash-talking. Our country needs strong leadership & change. O failed & Crooked H can't lead us. #TrumpPence2016	1	12	needs leadership & change	Our country	America	2	strong	3	failed; Crooked	H	Clinton	2		2	3	2		failed; Crooked	2
44	@iJesseWilliams @BorowitzReport @NewYorker nothing these guys say shocks me anymore, just concerned abt their actions when #Trump loses! 😔	1	4	nothing shocks me anymore	these guys	Trump and Pence	2		1	concerned	these guys	Trump and Pence	2		2	3	2		concerned	1
45	Maybe Julian #Assange is so blinded by hate for #HillaryClinton that he can't see how he is now being used by Putin & Russia? #auspol #Trump	1	10	blinded; can't see; being used by Putin & Russia	Julian#Assange	wikileaks	2								2	2		blinded		6
46	fingers crossed that wikileaks drop will live up 2 the hype, drops between 2:30 & 4 am #politics #news #trump #hillary #maga #Election	1	2	fingers crossed	wikileaks drop	wikileaks	2								2	3				6
47	@ken_dubbo: Glued to #infowarsLive app from Hong Kong to see #crookedhillary cough its way into oblivion!! good luck mr #trump!#maga @infowars	1	2	good luck; glued to	#trump	Trump	2		3	#crookedhillary	#crookedhillary	Clinton	2		2	4	2	good luck	#Crookedhillary	2
48	@realDonaldTrump did NOT break one law concerning his tax return. @HillaryClinton wishes	1	15	NOT break	@realDonaldTrump	Trump	2		10	wishes the same could	@HillaryClinton	Clinton	2		2	2	2			2

	the same could be said of her. #Trump									be said of her										
49	Love how both #Christie and #Giuliani described #Trump's tax strategy as 'genius.' Just straight up, ugly-ass power grabs. #fugly #pugly	1	8	Love	#Christie and #Giuliani	Christie and Giuliani	2		3	ugly-ass power grabs, #fugly; #pugly	#Christie and #Giuliani	Christie and Giuliani	2		1	2	2		ugly-ass; #fugly; #pugly	6
50	I knew a young #USMC vet who suffered from #PTSD & addiction. He took his life yesterday. Guess he wasn't strong enough. Go to hell #Trump.	1	13	took his life; suffered from #PTSD & addiction	a young #USMC vet	veteran	2		15	Go to hell	#Trump	Trump	2		1	2	1	suffered	hell	1
51	@realDonaldTrump You have made an awesome pick as VP. #MakeAmericaGreatAgain	1	14	awesome pick	@realDonaldTrump	Trump	2								2	4		awesome		2
52	Trumps kids are even more smarmy then he is #dumptrump	1	3	Smarmy	Trumps kids	children of Trump	2		5	even		Trump	2	more	2	2	2	smarmy		1
53	#MikePence @GovPenceIN stuck to important issues Well done! America is proud #Trump or bust #Trump2016 #TrumpTrain #UNSTOPPABLE VOTE WIN	1	11	proud; Well done	@MikePence	Mike Pence	2		6	stuck to important issues	@MikePence	Mike Pence	2		2	4	4	proud; Well done		2
54	#Trump policy is2cut the taxes4wealthy people so that they can expand their business n creates more jobs #Clinton is focusing4middle class	2																		
55	I really dislike #Trump and all of his Children Of The Corn looking offspring. (That's my contribution to Eric Trump trending).	1	12	Dislike	#Trump and all of his Children Of The Corn looking offspring	Trump; children Trump	2	really							2	1		dislike		1
56	@sc2216ss LOL!!! So true! But she'll never get elected. Once #Trump's on board, we can get the World Economy going again!	1	2	get the World Economy going again; she'll never get elected	#Trump; she	Trump and Clinton	2		14	LOL!!! So true!	@sc2216ss	Twitter user	2	!!!!; So	2	4	5		LOL; true	2

5	7	I now have 3 #democrat friends joining the #TrumpTrain #TrumpStrong #MAGA #TrumpPence16 thanks #Kaine for opening their eyes!	1	14	joining the #TrumpTrain	3#democrat friends	Democrats	2		9	thanks	#Kaine	Twitter user	2		2	4	4		thanks	2
5	8	@ewjacksonsr: .@realDonaldTrump won the debate hands down. Period! #MakeAmericaGreatAgain #debatenight #debates #Debates2016	1	12	won the debate; Period!	@realDonaldTrump	Trump	2	Period!							2	5		won		2
5	9	@RealAlexJones @wikileaks @AC360 What a bunch of MORONS! Desperate! Trump needs these clowns or Putin to rig the USA vote?? #Trump=FAILURE16	1	3	MORONS! Desperate; #Trump=FAILURE16	Trump; #Trump	Trump	2		10	these clowns	Trump	Trump	2		2	2	2			1
6	0	@smerconish @wolfblitzer Yea Right, nobody is gonna play games w the #Trump's, nothing is negotiable, just release the darn taxes already!	1	10	just release the darn taxes already!	the #Trump's	Trump	2	already!	10	nothing is negotiable	The #Trump's	Trump	2		2	2	2	darn	nothing	6
6	1	@peterdaou @Support #TrumpTrain has lost its mind.	1	12	has lost its mind	#TrumpTrain	Trump supporters	2								2	2				1
6	2	@realDonaldTrump You've got the hottest brand in the world. #MakeAmericaGreatAgain	1	11	hottest brand in the world	@realDonaldTrump	Trump	2	in the world							2	5		hottest		2
6	3	@ACBadBeat: So #Trump takes credit for #Pence performance last night.|Meantime, he's going to get crushed AGAIN Sunday. |#debates |#Hillary	1	2	he's going to get crushed AGAIN	#Hillary	Clinton	2	AGAIN	10	takes credit for	#Trump	Trump	2		2	4	2			1
6	4	@Foxnews Giuliani: My answer when she does that xenophobia & 'intrinsic bias' is, take a look in the mirror #TRUMP #Pence being projecting	1	3	xenophobia; 'intrinsic bias'; take a look look in the mirror	she	Clinton	2								2	2		xenophobia; intrinsic bias		2
6	5	#Mississippi WHITE WOMEN DOES NOT LIKE @HillaryClinton OR @billclinton WHEN ' sending you back to the demagogery hole you slithered out of and electing	1	15	WHITE WOMEN DOES NOT LIKE;	@HillaryClinton; @billclinton	Hillary and Bill Clinton	2								2	1		hole		6

	@HillaryClinton POTUS #NeverTrump			demagogery hole; slithered																
66	@libphil_ He is such a liar and falsifier, he doesn't even care that he lies. So sad. Nowhere close to the White House for #Trump	1	3	liar; falsifier; doesn't even care; lies; sad	#Trump	Trump	2	such, even, so	2	nowhere close	#Trump	Trump	2	so	2	2	2	liar; falsifier; lies		1
67	@StuartFM7: Suggestion: After he loses in November rename @realDonaldTrump Trump tower to Chump Tower. #NeverTrump @HillaryClinton	1	2	After he loses in November	@realDonaldTrump	Trump	2		3	Chump Tower	@realDonaldTrump; #TrumpPence2016	Trump	2		2	4	2		chump	4
68	@PhilipdClarke: @gmavs77 @retiredfirstsgt @CHHolte @wonderfullone @gene423 But not a mercenary racist supremacist #Trump Nazi coward.	1	3	racist supremacist; Nazi coward	#Trump	Trump	2								2	2		racist;supremacist; Nazi coward.		1
69	@WYVeteran: Germans thought HITLER was joke in 1929, in 1933 elected and became DICTATOR & abolished existing CONSTITUTION! #TRUMP = HITLER! #davenport	1	1	#TRUMP = HITLER	#TRUMP	Trump	2		3	HILTER, DICTATOR	#TRUMP	Trump	2		2	1	1	HITLER	DICTATOR	1
70	There's mass deception of biblical proportions when people can ignore Hillary's criminality, her Saudi donors, and Bills rape.||#Trump|#MAGA	1	3	ignore; Hillary's criminality; Saudi donors; Bills rape	Hillary's	Clinton	2		15	mass deception of biblical proportions	Hillary's	Clinton	2		2	2	2	criminality; rape	mass deception	2
71	@CNNPolitics The people in Michigan are dumb, deaf, and blind. #MakeAmericaGreatAgain	1	12	dumb, deaf, and blind	The people in Michigan	Michigan	2								2	2		dumb; deaf; blind		2
72	@ChimeneStewart: While #HurricaneMatthew is potentially catastrophic, at least coverage has sucked wind out of a #Trump free media ride (pun intended)	1	6	has sucked win out of a #Trump free media ride	#HurricaneMatthew	Hurricane Matthew	2								2	4				1
73	Does everyone realize the left's ENTIRE argument for Trump not being a good president is that	1	10	does everyone realize	everyone	everyone	2		15	ENTIRE argument	everyone	everyone	2		2	2	2			2

	Tweet																			
	he's mean? That's it. #MAGA #TrumpTrain																			
74	@DaystoTrump: In another erratic move, #Trump invites REAL VOTERS to #TrumpTownHall. It's customary to stage the events w/ actors. Does he lack judgement?	1	10	lack judgement	#Trump	Trump	2								2	2		lack		1
75	You know I can't understand how #NeverTrump'ers can hate on #Pence. He is the absolute best man for the VP, maybe even future Pres...	1	10	can't understand	#NeverTrump'ers	#NeverTrump users	2		11	the absolute best man	#Pence	Pence	2	absolute	2	2	5		best	2
76	@BetteMidler: #Trump urges terminally ill voters to live long enough to vote for him. So far, that's the least-vague idea in his healthcare plan.	1	3	terminally ill voters to live long enough to vote	#Trump	Trump	2		10	least-vague idea	#Trump	Trump	2		2	2	2		vague	1
77	@vickydreiling I will say it again. Once again, Trump demonstrates he's unfit to be dog catcher, much less president. #DumpTrump	1	10	Once again; unfit to be dog catcher, much less president	Trump; #DumpTrump	Trump	2	once again							2	2		unfit		1
78	Sorry, Donald #Trump, but you looked scary tonight. Frowning. Restlessly pacing around. Looking like a mad Mussolini. #Unpresidential.	1	1	scary; mad Mussolini	Donald#Trump	Trump	2		16	Sorry	Donald #Trump	Trump	2		2	2	2	scary; Mad Mussolini		6
79	Trump's alternate reality, the voices in his head talk THEY were uttering the locker room word! He would never do that! #nevertrump	1	3	alternate reality; voices in his head	Trump	Trump	2								1	2				1
80	Kind of ironic how nothing #Trump siad in the past mattered. It took him becoming a politician for him to tell the truth #debate2016	1	10	ironic; nothing in the past mattered; it took him becoming a politican for	#Trump	Trump	2								2	2				6

	him to tell the truth																		
81	#Trump There was nothing in Trump's debate performance that widened his appeal to independents. Quite the opposite they find him frightening	1	10	there was nothing; that widened his appeal independents	#Trump	Trump	2	quite	12	find him	#Trump	Trump	2	quite	2	2	2	fright ening	6
82	@Wolfe321: As a former #debate pro, I'm blown away by #Trump's pivot from a Q about #sexualassault to…#ISIS. Clumsy, horrifying, loser-y. #misogyny	1	5	blown away	#Trump	Trump	2		3	#sexualassa ut; #ISIS; clumsy; horrifying loser-y; #misogyny	#Trump	Trump	2		2	2	1	#sex ualas saut; #ISIS; clum sy; horri fying loser -y; #mis ogyn y	1
83	Oh the debates 'sigh' I love the African Americans… oh and the Latinos and the Hispanics. #Trump is such a lovable oaf (insert heavy sarcasm)	1	3	insert heavy sarcasm	#Trump	Trump	2								1	2			1
84	Pretty much my Twitter feed is full of people who have never even seen cocaine immediately becoming experts on its symptoms #debate #trump	1	10	full of people who have never seen cocaine immediately becoming experts on its symptoms	Twitter feed	Twitter	2	pretty much							2	2			6
85	@ShtPaperBrand: #TRUMP HAD THE #ANGER AND #AGGRESSION #TONIGHT #DEBATE HE #WINS WITH #KO #KNOCKOUTS #VICTORY - #THISTIME #TRUMPWON #HANDSDOWN #BABY #WIN !!,	1	14	HE #WINS WITH #KO; #VICTORY; #TRUMPWON ; #HANDSDOW N; #WIN	#TRUMP	Trump	2		11				1		2	5	5	#VICTOR Y	2

ID	Tweet																			
86	@MrEricLange: Wow. The wheels are coming off. Even I'm embarrassed for him and I can't stand the guy. #Trump #Debate	1	5	Wow. The wheels are coming off.	#Trump	Trump	2		3	can't stand	#Trump	Trump	2	even I	2	2	2			1
87	If you're still undecided in this election, I think that could possibly say more about you than about the candidates. #NeverTrump	1	12	think; could possibly	you	you	2		10		you		1		2	2	2			1
88	@Arlyn_Reed20 thx. I'm Hispanic and not from an inner city. These generalizations need to stop. #Trump knows nothing about Hispanics #Debate	1	15	generalizations need to stop; knows nothing	#Trump	Trump	2								2	2				1
89	#Trump will have a health care genius in charge like @RealBenCarson or someone competent that Dr. will chose. I have confidence in his team	1	12	I have confidence in his team; competent	#Trump	Trump	2		2				1		2	4	4	confidence		2
90	@MisterMonday at this point Will, this shit isn't even funny anymore. #Hillary gets aay with alleged perjury and #Trump is Trump #ItsOver	1	13	isn't funny anymore; #ItsOver	#Hillary; #Trump	Trump and Clinton	2	even	3	gets away with alleged perjury	#Clinton	Clinton	2		2	2	2		perjury	5
91	@Rondog699 @aravosis @billclinton I can see words don't bother you. If they did you wouldn't be supporting #Trump	1	10	words don't bother you	@aravosis	Twitter user	2								2	2				1
92	@Mattso_man: It is #Republicans fault that #Trump is their nominee. They are just like him. Spreading false blame and division. #NeverTrump #ImWithHer	1	15	Fault	#Republicans	Republicans	2		3	spreading false blame and division	#Republicans	Republicans	2		2	2	2	fault	false blame	1
93	@Cernovich we all know the only polls that count are the online polls which trump bots flood with multiple votes for #Trump!	1	12	we all know that the only polls that count are the online polls	@Cernovich	Twitter user	2								2	2				6
94	#Trump lies so easily. Lies and hatred roll off his tongue. Trump is nauseating. Truly a hideous	1	3	lies so easily; lies and hatred roll off	Trump	Trump	2	Truly							2	1		lies; hatred; nauseati		1

	person. @dncpress @DFAaction #bully			his tongue; nauseating; hideous; #bully														ng; hideous; #bully		
9 5	Like Lyin Trump the only thing you need do for me @tschanuth is fek off @realDonaldTrump #NEVERTRUMP #UNFIT will NEVER BE PRESIDENT	1	1 0	#UNFIT, fek off	@tschanuth; @realDonaldT rump	Trump	2		3	Lyin	Trump	Trump	2		2	2	2	fek	lyin	1
9 6	@stevefranssen: You all ready for the allegations of sexual misconduct against #Trump in the coming days, propagated primarily by #CNN?|#debate	1	1 0	allegations of sexual misconduct; propagated	#CNN	CNN	2								2	2		allegatio ns		2
9 7	@haydenpanettier I don't trust either of them...that's why I'm voting for #JillStein2016 #NeverHillary #DumpTrump	1	1 2	don't trust	#NeverHillary; #DumpTrump	Trump and Clinton	2								2	2				5
9 8	7,85E+17 2271908916 10/10/2016 4:43 @tabykatt_ - Not only did Hillary win, but she trounced Trump. Trump will NEVER NEVER EVER BE PRESIDENT. NEVER. NO WAY. NOW HOW. #DumpTrump	1	1 5	NO WAY. NEVER NEVER EVER BE PRESIDENT	#DumpTrump	Trump	2	NEVER							2	1		NEVER; NO WAY		1
9 9	@haydenblack: #Trump will have inhaled the entire auditorium within an hour. GET OUT NOW! #debate	1	1 2	will have inhaled	#Trump	Trump	2								2	4				6
1 0 0	@asifhafeez: #Republicans claim religious but r opposite similar 2 ISIS God selected #Trump to be the reason for the downfall of Republicans just watch	1	3	claim religious but r opposite; similar 2 ISIS	#Republicans	Republicans	2		2	just watch	#Trump	Trump	2		2	2	2	opposite	dow nfall	1
1 0 1	The #Hillarybots r voting like crazy in these polls & she's still getting crushed. #debate #TrumpTrain #HillaryForPrison #Trump16 #HonestAbe	1	1 4	she's still getting crushed	she	Clinton	2		1 0	The #Hillarybots r voting like crazy	#HillaryForP rison	#HillaryForP rison	2		2	4	2			2
1 0 2	#debate Does @mike_pence have the courage and conviction of his religion to drop #Trump?	1	7	Does @mike_pence have the	@mike_pence	Mike Pence	2		1 2	He needs to do what is right	@mike_pen ce	Mike Pence	2		2	3	3			1

117

	He needs to do what is right for his country.			courage and conviction															
1 0 3	@NimbleNavgater she hates #Trump's guts. she is there for the $$$$$. check out what she said about him when she worked for Cruz #debate	1	1 0	she hates #Trump's guts; she is here for the $$$$$.	she	not clear	2								2	2		hates	6
1 0 4	@yung_fetus: I do agree w #Trump on only 2 things: Bernie got fucking robbed blind and the Clintons and their friends are insanely shady rich.	1	3	fucking robbed blind; insanely shady rich	Bernie; the Clintons and their friends	Sanders; Clintons	2	insane ly							2	1		fucking robbed; insanely shady rich	6
1 0 5	It hurts my heart to see strong women defend Donald Trumps actions & words. It is a huge step backward for all of us. #Trump	1	1 3	hurts my heart; huge step backward for all of us	strong women	strong women	2	huge	1 0	Defend Donald Trumps actions and words	strong women	women	2		2	1	2	hurts	1
1 0 6	@ALEX33016: The more ppl say HRC beat him in the #debate the more #Trump will lose his mind & go on a 3AM Twitter Tirade #ImWithHer #SheWon	1	2	#Trump will lose his mind & go on a AM Twitter Tirade	#Trump	Trump	2								2	4			4
1 0 7	@ubervaper: I disagree with any appraisal of #Trump performance being better 2nd #debate. He lurched glowered & trash talked while lying thru his teeth	1	1 2	disagree	#Trump	Trump	2		3	lurched glowered; trash talked; lying thru his teeth	#Trump	Trump	2		2	2	1	lurched glowere d; trash talked; lying thru his teeth	1
1 0 8	So every legit outlet says #Trump won the #Debate tonight. |The MSM and their 'polls' say the opposite of course.|Hail Big Brother!	1	1 0	Hail Big Brother	MSM	media	2								2	2			2
1 0 9	@nojuneclever: one question for those who still support #trump after this #debate. How do you keep your robes so white? bleach or oxyclean?	1	3	How do you keep your robes so white? Bleach or oxyclean?	those who will support #Trump	Trump supporters	2		7	How do you	those who will support #Trump	Trump supporters	2		1	2	2		1

118

ID	Tweet																		
110	Great news America, were fucked. #Trump #Clinton #DoomsDay #Goners #AmericaHasDied	1	1	were fucked; #DoomsDay; #AmericaHasDied	America	America	2								2	2	fucked; #DoomsDay		5
111	@jacobwe agreed! She's got this, #trump flunked	1	12	flunked	#Trump	Trump	2		14	she's got this	she	Clinton	2	2	2	2	flunked		1
112	@cnni @cnnbrk #Trump Said He Likes That Hillary Never Give Up! And She Won't Give Up On United States Of America! And The World!!!	1	2	She Won't Give Up; Never Give Up	Hillary	Clinton	2	!!!							2	4			4
113	@D_Gethings: #Hillary still doesn't have a good answer for the #emails, but she's showing real leadership. #Trump is acting like a toddler. #debate	1	10	still doesn't have a good answer for the #emails; #Trump is acting like a toddler	#Hillary; #Trump	Trump and Clinton	2		12	showing real leadership	she; #Hillary	Clinton	2	2	2	4	toddler		6
114	@TheDonaldNews: WE ARE WITH YOU! #CorruptMedia #CorruptPolticians #CorruptHillary ARE YOU WITH #Trump ? PLEASE RT and Let's Unite And Show We Are Unwavering	1	3	#CorruptMedia; #CorruptPolticians; #CorruptHillary	Media; Polticians; Hillary	Media; Politicians; Clinton	2		2	PLEASE RT	You	Trump supporters	2	2	2	4	#CorruptMedia; #CorruptPolticians; #CorruptHillary		2
115	@TheBenBegley: I've had more focused, intelligent, and less rambling conversations with my 4 year old niece than #Trump answers #Debates2016	1	16	I've had more focused, intelligent, and less rambling conversations with my 4 year old niece	#Trump	Trump	2		10				1	2	2	2			1
116	There are certain races that are fucking messy af , I bet #Melania #trump would be one of those making a mess out of everything in the store	1	10	I bet; making a mess out of everything in the store	#Melania #Trump	Melania Trump	2		3	messy af		Melania Trump	2	2	2	2	mess	messy af	6
117	#Trump behaves like asshole, lies during entire #debate , but some pundits are saying this was a bad	1	3	asshole; lies during entire #debate	#Trump	Trump	2		10	#falseequivalence	pundits	pundits	2	1	2	2	asshole; lies		1

#	Tweet																	
	night for politics? #falseequivalence																	
118	@christineorgan: The only thing that surprises me about this election anymore is that anyone still supports him. #nevertrump #momsagainsttrump	1	5	the only thing that surprises me	#nevertrump	Trump	2								2	2			1
119	Listening to Trump is like reading a Dr. Seuss book. He only has 30 words in his vocabulary #tremendous #Trump	1	10	he only has 30 words in his vocabulary	#Trump	Trump	2								2	2			1
120	Apparently admitting to sexual crimes is just locker room talk„ #nevertrump	1	5	Apparently	#nevertrump	Trump	2		3	admitting to sexual crimes; locker room talk	#nevertrump	Trump	2	just	1	2	2		sexual crimes	1
121	@realDonaldTrump @TeamTrump AWESOME AWESOME job in tonight's debate. Keep it coming. #MakeAmericaGreatAgain 120	1	11	AWESOME AWESOME joob	@realDonaldTrump	Trump	2								2	5		AWESOME AWESOME	2
122	If #trump knew anything about low income, crime, inner city's such as #bmore & gave 2 fucks, why hasn't he already done something? #BS	1	10	why hasn't he already done something?	#trump; he	Trump	2		3	#BS	#trump	Trump	2		2	2	2	#BS	1
123	@Rachel_Y: #nevertrump. I mean honestly. I'm conservative and I can't.	1	16	I can't	#nevertrump	Trump	2		13				1		2	2	2		1
124	@ladies4trump: This was the most tweeted debate in history according to #Twitter ! #congrats #trumptrain so happy to be apart of history! #ladies4trump	1	9	#congrats	#trumptrain	Trump	2		14	so happy to be part of history	#trumptrain	Trump	2	so	2	4	5	#congrats	so happy	2
125	@MarkDavis: This is the best #Trump you'll ever see at a debate….I'll tell you what he did, he fired up the #Trump base. #ChuckTodd #PresDebate	1	12	the best #Trump you'll ever see	#Trump	Trump	2								2	4			2

126	1	10	Trump vs Hillary is like Kanye vs Taylor - one is a bit deluded but the other is a lying two-faced snake #debate #trump #clinton	Trump vs Hillary is like Kanye vs Taylor	#trump; #clinton	Trump and Clinton	2		3	deluded; lying two-faced snake	#trump; #clinton	Trump and Clinton	2	a bit	1	2	2		deluded; lying two-faced snake	5
127	1	10	She could have clapped back so hard, tax evasion, trail of lawsuits, rape allegations and racism. #shechoked #hillary #trump #trumpsniffle	she could have clapped back so hard; #shechoked	#hillary; She	Clinton	2	so	3	tax evasion, trail of lawsuits, rape allegations and racism	#trump	Trump	2		2	2	2	#shechoked	taks evasion; lawsuits; rape allegations; racism	6
128	1	10	@andygreenwald I don't understand why the #Republicans have or continue to tolerate him. #NeverTrump	I don't understand; continue to tolerate him	#Republicans	Republicans	2								2	2				1
129	1	12	@exjon: @mcuban I've been #NeverTrump since he first descended the golden elevator. Both he and Hillary were awful, but I still think he won.	still think he won	#NeverTrump; Both he and Hillary	Trump and Clinton	2								2	2		awful		1
130	1	11	@WhiteGenocideT3: @realDonaldTrump Mike Pence is a fantastic running mate. #MakeAmericaGreatAgain	fantastic running mate	Mike Pence	Mike Pence	2	fantastic							2	5		fantastic		2
131	1	10	Both #Trump & #GaryJohnson think paying tax is a bad thing & that billionaires need tax cuts - trickle down madnessðŸ˜"#ImWithHer #debate	think paying taks is a bad thing; trickle down madness	#Trump; #GaryJohnson	Trump and Gary Johnson	2								2	2		madness		4
132	1	3	#NeverTrump A short-fingered vulgarian molester. If what he said abt women is 'locker room talk' it's in the locker room of 1 of his clubs.	a short-fingered vulgarian molester	#NeverTrump; he	Trump	2		15	it's in the locker room of 1 of his clubs.	he; his; #NeverTrump	Trump	2		2	1	2	vulgarian molester		1

ID	Tweet																			
133	.@realDonaldTrump did just well enough to stay in the race and hand the election to @HillaryClinton. #Debates2016 #Trump #Hillary	1	12	did just well enough to stay in the race	@DonaldTrump; #Trump	Trump	2	just well enough	2	hand the election to @HillaryClinton	@HillaryClinton; #Hillary	Clinton	2		2	4	4	just well enough		4
134	Locker room talk should not involve assault. Just another reason why #Trump can not be the next #Potus	1	3	Locker room talk should not involve assault.	#Trump	Trump	2		12	just another reason; cannot be	#Trump	Trump	2		2	2	2	assault		1
135	@MichaeleAngelaD: This is who #Trump is…but it is not who WE are @HillaryClinton #debate	1	3	This is who #Trump is	#Trump	Trump	2								2	2				1
136	If Trump was hot, his locker room talk would of got all U woman wet wishing he was talking bout u. #hypocrites #debate #trump #hillary #cnn	1	3	#hypocrites	U woman; u	women	2		10	If Trump was hot	U woman; u	women	2		2	2	2	#hypocrites		2
137	I lie awake hours after these #debates genuinely troubled by how skeevy #Trump is & aghast at how so many Americans think he's the answer.	1	1	I lie awake hours; genuinely troubled by how skeevy;	#Trump	Trump; Americans	2	genuinely; so many	5	aghast	so many Americans	Americans	2	so many	2	1	1	troubled; skeevy	aghast	1
138	#Trump creeping up on #Hillary gonna give me nightmares. #Election2016 #debate	1	1	creeping up on #Hillary gonna give me nightmares	#Trump	Trump	2								2	1		creeping up; nightmares		4
139	@mmpadellan: #Trump just LIED AGAIN about his opposition to Iraq War. What kind of shit is this when he gets to deny his own F*CKING HISTORY? #debate	1	15	LIED AGAIN; what kind of shit is this; deny his own F*CKING HISTORY	#Trump	Trump	2	AGAIN	3	LIED; FUCKING HISTORY	#Trump	Trump	2		2	1	1	LIED; shit;F*CKING	LIED; shit; F*CKING	1
140	@Wenmay316: .@megynkelly can't stand that #Trump won the debate! She working her usual attack Trump crap!|Aren't we all yawning @that now?! @steph93065	1	15	can't stand that #Trump won the debate!; usual attack Trump crap	She	Clinton	2	usual	10	usual attack Trump crap; Aren't we all yawning	She	Clinton	2		2	1	1	crap	crap; yawning	2
141	Can we lock up the fat muslim chick now or do we have to wait	1	2	wait for #Trump to win	#Trump	Trump	2		10	lock up	fat muslim chick	interviewer at debate	2		2	4	2		lock up; fat	2

ID	Tweet																		
	for #Trump to win? #seconddebate																		
142	@TinaDuryea: 1st. #Trump threatens to jail #Hillary if he wins, then he spends debate looming over her like a predator. Classic bully. #TrumpStalking	1	3	looming over her like a predator; classic bully	#Trump	Trump	2							2	2			looming; bully	1
143	Its my sleep time can't rewatch this madness #debate #trump #hillary #disater	1	13	can't rewatch this madness; disater	#trump; #hillary	Trump and Clinton	2							2	2			madness; #disater	5
144	@Reince come on now! Are ya gonna just let all the supporters pull the weight? #Trump did a good job - so say it!	1	10	come on now!; are you just gonna; so say it!	@Reince	Twitter user	2	just	11	did a good job	#Trump	Trump	2	2	2	4		good	2
145	@murtuzi: Let's #MakeAmericaGreatAgain by sending @realDonaldTrump to Mexico and asking him to build the wall so he cannot come back. #SayNoToTrump	1	2	so he cannot come back	@realDonaldTrump; him; he; #SayNoToTrump	Trump	2		10		@realDonaldTrump;him; he; #SayNoToTrump	Trump	1	2	4	2			1
146	@realDonaldTrump has already done enough to #MakeAmericaGreatAgain and like he promised, I got sick of it.	1	10	has already done enough to #MakeAmericaGreatAgain	@realDonaldTrump	Trump	2		3	I got sick of it	@realDonaldTrump	Trump	2	2	2	2		sick	1
147	#Trump tried 2 change decorum of #debate from dignified & Presidential into one of his crass rallies. Glad #HRC didn't take the bait.	1	3	tried to change the decorum; crass rallies	#Trump	Trump	2		14	Glad; didn't take the bait	#HRC	Clinton	2	2	2	4	crass rallies	glad	4
148	@caltanzee: I love the way #Trump put checkmate on Anderson cooper & slap down hilary Clinton on lying about the emails.She got cornered like a rat.	1	8	love the way	#Trump	Trump	2		3	lying about the e-mails; cornered like a rat	hilary Clinton	Clinton	2	2	4	2	8	lying; rat	2
149	@MarkDavis: Sorry, establishment toadies, hand-wringing GOP strategists"" and #NeverTrump cultists, the #Trump collapse you craved is not at hand.	1	10	establishment toadies; hand-wringing	GOP strategist; #NeverTrump cultists; establishment toadies	#NeverTrump users	2		14	#Trumpcollapse you craved is not at hand	#Trump	Trump	2	1	2	4			2

ID	Tweet			Phrase	Entity	Entity				Phrase	Entity	Entity						Words	Words	
150	Dear Lord, please let sanity return to The United States of America. Amen #NeverTrump #LoveTrumpsHate #ImWithHer	1	2	Dear Lord, please; Amen	The United States of America	America	2		13		#NeverTrump	Trump	1		2	2	2			4
151	@mmpadellan: #Trump just mentioned clean coal.| It"s as much of a lie as claiming Climate Change is a hoax created by China.|#debate	1	3	lie; just mentioned clean coal; claiming Climate Change is a hoax	#Trump	Trump	2								2	2		lie; hoax		1
152	@Galactic_Elite: @NolteNC Your boss @benshapiro and the rest of these #NeverTrump scum are the stupidest looking people in global politics right now	1	3	#NeverTrump scum; stupidest looking people	#NeverTrump scum	#NeverTrump users	2		15	stupidest looking people	#NeverTrump scum	#NeverTrump users	2		2	2	2	scum; stupidest	scum; stupidest	2
153	@AndyPraschak: #Trump excusing his predatory behavior as just #LockerRoomTalk perpetuates the #rapeculture. Period. #debates #debates2016 #ImWithHer	1	3	predatory behaviour; perpetuates the #rapeculture	#Trump	Trump	2		15	Period.	#Trump	Trump	2		2	2	2	predatory; perpetuates #rapeculture		4
154	@pammie_xo: Why is everyone making a big deal out of all this clown bs? You guys have watched 2 clowns on tv daily.. #Trump & #Hilary.	1	5	why; making big deal; clown bs	clown bs	clown incidents	2		10	why; making big deal of clown bs; 2 clowns on tv	#Trump; #Hillary	Trump and Clinton	2		2	2	2	clown bs	bs; clowns	5
155	@BradLindenSoCal: #Debate |#Trump is such a pathological liar,|And you really know he's telling a big one when he repeats it twice for emphasis.|#Debates	1	3	pathological liar; he's telling a big one	#Trump	Trump	2	a big one							2	1		pathological liar		1
156	@AnthonyCumia: Once again, when you think he's done, you're going to see #Trump poll numbers go up. He owned #Hillary tonight. What tapes? Already old news	1	12	he owned #Hillary tonight	#Trump	Trump	2		10	what tapes? Already old news	tapes	Trump	2		2	4	2			6
157	#Hillary was about to scream when #Trump said she was ineffective and didn't do	1	6	HAHAHAHAHA	#Trump	Trump	2		10	ineffective; didn't do anything	#Hillary	Clinton	2		2	4	2		ineffective	2

	anything for 30 years HAHAHAHAHA #Trump2016 VOTE BABY																		
1 5 8	@mmpadellan: #Trump asked AGAIN about humanitarian crisis in Aleppo, goes back to ISIS. I don't think he knows about Aleppo. At all. #debate	1	1 0	asked AGAIN; I don't think he knows; At all.	#Trump	Trump	2	AGAIN							2	2			1
1 5 9	'@armandodkos @JenniferJJacobs @HeerJeet #Trump fans think he staunched the #TrumpTapes bleeding but they're just the 1st belch fm Vesuvius	1	1 5	bleeding but they're just the 1st belch fm Vesuvius	#Trump fans	Trump supporters	2								2	2		bleeding	1
1 6 0	@deb_kwsagency I'm a Dem but I'm going to vote #Trump.	1	1 2	I'm going to vote #Trump	#Trump	Trump	2								2	4			2
1 6 1	GOP should offer Gun registry for Voter IDs. Yes we w/have to register guns but we wouldn't lose another election. #trump #clinton	1	1 2	we wouldn't lose	GOP	Republicans	2		1 0	we wouldn't lose another election.	GOP	Republicans	2		2	4	2		6
1 6 2	@washingtonpost @SariHorwitz Sirs, ""rigging"" is done by planting unwarranted conviction of #VoterFraud by #Trump et al Pls see #Ukraine case	1	3	""rigging""; planting unwarranted conviction; #VoterFraud	#Trump et al	Trump and others	2		2	Pls see	#Ukrain case	Ukrain	2		2	2	2	rigging; #VoterFr aud	1
1 6 3	THANKS @Mike_Beacham FOR THE FOLLOW AND ENDORSEMENT OF #NEWWAVECONSERVATISM WE WILL RISE FROM THE ASHES AFTER TRUMPS LOSS #NEVERTRUMP	1	9	THANKS	@Mike_Beac ham	Twitter user	2		2	WE WILL	WE	we	2		2	5	5	THANKS	1
1 6 4	@emma_lucaci @wilw @SeanAstin Oh, if Wil is supporting a corrupt mass murderer, I guess I should jump off that bridge too. #Clinton #Trump	1	3	supporting a corrupt mass murderer	Wil	Wil	2		1 2	I guess I should jump off	I	I	2		1	2	2	corrupt mass murdere r	6

165	@nytimes Their fathers learned from Bill Clinton #mediabias #TrumpTrain #CrookedMedia	1	3	#CrookedMedia; #mediabias	@nytimes	New York Times	2		10	learned from	@nytimes	New York Times	2		2	2	2	#mediabias; #CrookedMedia		2
166	You're a hypocrite @gloriuslorius. You were all for Wikileaks exposing Bush, but, not exposing against #Hillary. Truth hurt? Go/Vote #Trump!	1	3	hypocrite; you were all for Wikileaks exposing Bush,but, not exposing against #Hillary	@gloriuslorius	Twitter user	2		10	Truth hurt?	@gloriuslorius	Twitter user	2		2	2	2	hypocrite	hurt	2
167	Yea this #debate tmw will be nastier than the 1st 2 sadly. #Trump will go beyond #meltdown mode, whatever that is scarily. #LastWord	1	13	sadly; scarily; #LastWord	#Trump	Trump	2		1	nastier	#debate	Third debate	2		2	2	2	sadly; scarily	nastier	1
168	@realDonaldTrump There is no evidence of corruption after decades of investigations, but facts don't matter to #trump.	1	10	there is no evidence; facts don't matter to #trump	#trump, '@realDonaldTrump	Trump	2							2	2						1
169	@jangd56 @HillaryClinton @bibi4Trump ppl should force Clinton to step down. She's a blight on society. #DraintheSwamp #MAGA #TrumpTrain	1	12	ppl should force	ppl	people	2		3	a blight on society;#DrainTheSwamp	@Hillary Clinton; she	Clinton	2		2	4	2		blight; #DrainTheSwamp	2
170	@realDonaldTrump but "evil" is my name and #TrumpTrain is my game. We're divorced & i'm a girl. #BecauseVagina	1	12	evil' is my name and #TrumpTrain is my game	#Trump; US	Trump; US	2		9	Thank you for	#Trump	Trump	2		1	2	4			1
171	US bombed Yemen, and theirs no reports about it. Thank you Trump for the distraction from real news. #Trump #news #StayWokeAndVote	1	10	no reports about it; distraction from real news	US	America	2		9	Thank you	Trump	Trump	2		1	2	2			1
172	@ScottyRoberts It's mind numbing to think that ANYONE would vote for a man who belittles, berates & marginalizes so many people. #DumpTrump	1	5	mind numbing to think that ANYONE		Trump supporters	2	ANYONE	3	belittles, berates & marginalizes	#DumpTrump	Trump	2		2	1	2		belittles; berates; mar	1

ID	Text			Phrase	Entity	Category				Phrase	Entity	Category							Phrase	Entity	
																				ginal izes	
173	vote for #trump 2end the ceaseless, mindless, perpetual war the neo-fuedalists have us locked in2 time 2put an end 2 needless suffering	1	15	the ceaseless, mindless, perpetual war the neo-fuedalists; needless suffering	neo-fuedalists	Establishment	2								2	1		the ceaseless, mindless, perpetual war; needless suffering		2
174	@Oquium Only way this can happen is if Hillary is defeated #Vote #Trump #MAGA 173	1	12	Only way this can happen is if	Hillary	Clinton	2								2	4				2
175	@BillClintRapist @marinafang @HuffingtonPost I hope #Trump becomes #President just for the comedy material.	1	2	hope	#Trump	Trump	2		3	@BillClintRapist	@BillClintRapist	Bill Clinton	2		1	4	2		@BillClintRapist	2
176	@Kirkdify: @GreenPartyUS #ImVoting4JillBecause no matter how upset you are, 'a #vote for #steinbaraka is a vote for #trump' remains a ludicrous fallacy	1	12	#ImVoting4Jill		Jill	2		10	ludicrous fallacy	#trump	Trump	2		2	3	2		ludicrous fallacy	6
177	@notTrumpfoPrez @HillaryClinton Thanks man. We got to stand together and defeat this thug revolution. #ImWithHer #NeverTrump	1	9	Thanks man	@notTrumpfoPrez; @HillaryClinton	Clinton	2		12	We've got to stand together	We	we	2		2	4	4	thanks		4
178	#TrumpTrain FIX OUR COUNTRY, VOTE TRUMP ONLY TRUMP	1	2	FIX OUR COUNTRY	TRUMP	Trump	2								2	5		FIX		2
179	@Roark__ @JayTay36 Who else thinks this behavior actually helps build support for #Trump? Americans are programmed to cheer for the underdog	1	12	thinks	@JayTay36	Twitter user	2		10	Americans are programmed to cheer for the underdog	#Trump; Americans	Trump and Americans	2		2	2	2			1
180	@NBCNews 1 in 4 #Millenials don't realize #Trump would be a	1	10	1 in 4 #Millenials don't realize;	#Trump; 1 in 4 #Millenials	Trump and Millenials	2		1	would be a meteor strike	#Trump	Trump	2		2	2	2		meteor strike	1

	meteor strike.. to everyone's civil rights!			a meteor strike.. to everyone's civil rights!																
181	Fed up #NeverHillary #NeverTrump	1	10	Fed up	#NeverHillary; #NeverTrump	Trump and Clinton	2								2	2		Fed up		5
182	Pre-debate prediction. #WikiFraud tips off #trump then releases "bombshell" that will be debunked later..|#TakingAllBets	1	###########	"bombshell"		wikileaks	2		2	prediction	#WikiFraud	Wikileaks	2		2	2	2			6
183	@AC360 @CNN how about apologies from you media slugs who piled on with the lies to blame #Trump! #DrainTheSwamp	1	3	slugs; lies to blame #Trump	media slugs; @CNN	media; CNN	2		10	how about apologies	media slugs, @CNN	media; CNN	2		2	2	2	slugs; lies; blame		2
184	#trump Last week the Trump word of the week was 'elites'. This week the phrase is 'voter fraud' Both Lame. Trump is a loser. Accept it.	1	10	Both Lame; Trump is a loser	#trump; Trump	Trump	2		15	Accept it.	#trump; Trump	Trump	2		2	2	2	lame; loser		1
185	No problem for me to #DrainTheSwamp. But not if it's filled in with #deplorable #sewage as with #Trump. #WorseThanWeEvenThought #Dangerous	1	13	#deplorable; #sewage;	#Trump	Trump	2		1	#WorseThanWeEvenThought #Dangerous	#Trump	Trump	2		2	2	2	#deplorable; #sewage	#WorseThanWeEvenThought; #Dangerous	1
186	@thinkprogress And George Will, #Trump hater, is STILL on TV now saying it's Democrats fault because they voted down voter ID laws #Fucktard	1	10	STILL on TV; #Fucktard	#Trump hater	George Will	2		15	#Fucktard	#Trump hater	George Will	2		2	2	2	#Fucktard	fault	1

1 8 7	@Nicknackwalker: I'll say it again: #Trump wants to make #USA great again. It's always been great, it's the politicians who have become small!	1	1 0	It's always been great, it's the politicians who have become small!	#Trump	Trump	2	!								2	2				6
1 8 8	@PeteNicodemus: It is Urs 2 Lose! #Trump U must have discipline, focus & Look straight into the lens & discuss her most corrupt offenses #MAGA #DonaldJTrump	1	1 2	you must have discipline	#Trump	Trump	2		3	discuss her most corrupt offenses	her	Clinton	2		2	4	2	disciplin e; focus	corru pt offen ses	2
1 8 9	Trump should challenge Clinton to discuss nothing but issues, see what she says #real Donald trump #MakeAmericaGreatAgain	1	1 2	should challenge;	#Trump	Trump	2								2	3				2
1 9 0	#Trump 's ads in BA are insulting #HRC with her looks.U'd think after all this he'd stay away from that. He can't stop himself. No control.	1	3	insulting #HRC; can't stop himself. No control.	#Trump; he	Trump	2		1 0	after all this	#Trump; he	Trump	2		2	2	2	insulting		1
1 9 1	Donald Trump wants to imprison his political opponents and start his own media network. He's a fascist. #NeverTrump #DrainTheSwamp	1	3	fascist; imprison his political opponents	Donald Trump	Trump	2		1 5				1		2	2	2	fascist; imprison		1
1 9 2	The media (propaganda) is a wake up call to this country!we do not want to live in a communist country!vote #Trump	1	1	wake-up call to this country; we do not want to live in a communist country;	the media(propag anda)	media	2		1 0	communist country	the media(prop aganda)	media	2		2	2	2			2
1 9 3	@mlrtbl: @michaelkeyes Can't imagine what will happen to this country if #Trump doesn't win...	1	1	can't imagine what will happen to this country if #Trump doesn't win	#Trump	Trump	2								2	2				6

ID	Tweet																			
194	@realDonaldTrump NO you won't. You undermine the election process with your 'it's rigged' fomenting of crowds. YOU SHOULD BE ASHAMED #Trump	1	10	NO you won't; you undermine the election process	@realDonaldTrump; #Trump; You	Trump	2		3	fomenting of crowds; YOU SHOULD BE ASHAMED;	'@realDonaldTrump; #Trump; You	Trump	2		2	2	1	undermine	fomenting; ASHAMED	1
195	@HuffintonPost When did he say there is voter fraud. I heard it from MSM but not #Trump . How do i miss all the things u claim he says?	1	10	How do i miss all the things u claim he says?	@HuffintonPost	Huffington Post	2								2	2				6
196	@HillaryClinton @realDonaldTrump very nice tool #nevertrump #donthecon #DonaldTrump #CrookedDonald	1	14	very nice tool	@HillaryClinton; @realDonaldTrump	Trump and Clinton	2	very	3	#CrookedDonald; #DonTheCon	#CrookedDonald; #DonTheCon	Trump	2		2	5	2	very nice	#CrookedDonald; #DonTheCon	1
197	@GOP @unlv #TrumpTrain wreck. All you need to know is that Donald will make a fool of himself. Again.	1	10	will make a fool of himself.Again.	Donald	Trump	2	Again.							2	1		fool		1
198	@RoosterWrangler Who knows? She'll never volunteer. The fall-out from #Trump's post-election investigations/legal cases shld b fun to watch.	1	12	shld be fun to watch	She; #Trump	Trump	2								2	4				6
199	@realDonaldTrump #TrumpPence2016 Tomorrow we will all be with u.We know your heart and intention for the USA forget about this BS we need u.	1	12	Tomorrow we will all be with you;	@realDonaldTrump; #TrumpPence2016	Trump and Pence	2		11	we need you	'@realDonaldTrump; #TrumpPence2016	Trump and Pence	2		2	4	4			2
200	#LindaMcMahon is a strong supporter of women's empowerment but donated $6 MILLION to #Trump? I'm disappointed but that's her right. #WWE	1	10	strong supporter of women's empowerment but donated to #Trump; I'm disappointed	#LindaMcMahon	Linda Mc Mahon	2		12	that's her right	#LindaMcMahon	Linda Mc Mahon	2		2	2	4	disappointed		1

2 0 1	@Staciopath @Cernovich When #Trump #DrainTheSwamp we'll find the real her mummified in the silt. Crazy doppleganger of a human being.	1	2	we'll find the real her mummified in the silt.	her	Clinton	2		3	crazy doppleganger of a human being	her	Clinton	2		2	2	2	mummified	crazy dopp legan ger	2
2 0 2	@shirellesioui: #MadeleineAlbright's quote, 'there's a special place in hell for women who don't support other women' applies to #Trump surrogates. #NotOkay	1	3	special place in hell;#NotOkay	women who don't support other women	women	2								2	1		hell		1
2 0 3	@HillaryClinton @NerdsforHer @Lin_Manuel That's right vote. Make sure this woman never gets control of our futures. #Trump	1	2	Make sure	this woman	Clinton	2		1	never gets control of our futures.	this woman	Clinton	2		2	2	2			2
2 0 4	@HillaryClinton @NerdsforHer @Lin_Manuel That's right vote. Make sure this woman never gets control of our futures. #Trump	1	2	Make sure	this woman	Clinton	2								2	4				2
2 0 5	Russia set up an anti-aircraft defense system around Syria. ISIS DOES NOT HAVE AIRPLANES. #NeverTrump #ImWithHer #DrainTheSwamp	1	1 0	ISIS DOES NOT HAVE AIRPLANES	#NeverTrump	Trump	2								2	2				4
2 0 6	We however DO have airplanes and are using them to help fight ISIS RIGHT NOW. #NeverTrump #ImWithHer #DrainTheSwamp	1	1 0	we however DO have airplanes; help fight ISIS right now	we	America	2								2	2				4
2 0 7	@CNBC @larry_kudlow Ron Howard says the tape is exactly who #Trump is. You're smitten with the pretty, forgiving wife- She's his trump card.	1	3	you're smitten with the pretty, forgiving wife	the pretty, forgiving wife	Melania Trump	2		1 0	she's his trump card	she	Melania Trump	2		2	2	2			1

2 0 8	More synonyms for Trump: toxic, boorish, salacious, lascivious, nefarious, execrable, orange, grasping, whiney, infantile, creep #NeverTrump	1	3	toxic, boorish, salacious, lascivious, nefarious, execrable, grasping, whiney, infantile, creep	Trump; #NeverTrump	Trump	2								2	1		toxic, boorish, salacious, lascivious, nefarious, execrable, grasping, whiney, infantile, creep		1
2 0 9	Irony: #Trump supporters not supporting #Republicans - so Trump will be totally ineffective as #President - Brilliant.|#NeverClump	1	1 2	will be totally ineffective as #President	Trump	Trump	2		1 0	#Trump supporters not supporting #Republicans; Brilliant	#Trump supporters	Trump supporters	2		1	2	2	ineffective		1
2 1 0	@MSNBC @politico @HillaryClinton @DNC Why won't the officials throw #Trump out if the election? 3 times now, he's still here.	1	1 0	why won't the officials throw, 3 times now, he's still here.	the officials	the officials	2								2	2				4
2 1 1	@MtlPhotog: Hum, looks like #MikePence's vow to produce 'proof' against (all) #Trump accusers any day is just another 'look over there' BS distraction	1	1 0	just another 'look over there' BS distraction	#MikePence	Mike Pence	2		1 5	BS distraction	#MikePence	Pence	2		2	2	2	BS distraction	BS distraction	1
2 1 2	@Trevornoah for putting the spotlight on the total BS of the Wikileaks Clinton emails. Sexist double-standards.|#Trump	1	9	Thank you	@Trevornoah	Twitter user	2		3	spotlight on the total BS of the Wikileaks Clinton mails; Sexist double-standards	Wikileaks	wikileaks	2	total	2	4	2	thank	total BS; sexist double-standards	2

2 1 3	@livenewscloud: No CEOs at Fortune 100 Companies Are Backing #Trump - No Newspapers Have Endorsed Him - No Respectable Experts on Foreign Policy Either.	1	1 4	No CEOs at Fortune 100 Companies Are Backing #Trump - No Newspapers Have Endorsed Him	Foreign Policy	Foreign Policy	2									2	4			1
2 1 4	@mrsdianek @DonaldJTrumpJr Hey you there, Stupid. Yeah you, @mrsdianek This is a campaign LOOK AT WHO'S NAME ENGULFS NEW YORK CITY. #TRUMP	1	3	Stupid	@DonaldJTrumpJr	children of Trump	2		1 0		#Trump	Trump	2		2	2	2	stupid		1
2 1 5	@RadioFreeTom No, Cruz would also have had limp #GOPe support, and could not put together #Trump's expanded base of Dems,Indeps & non-voters	2																		
2 1 6	@JaredWyand @nanajudyr I'd like to see national polls turn green for #Trump as we get to election day, fullfillment of GrassRoot movement	1	2	I'd like to see	#Trump	Trump	2									2	4		like	2
2 1 7	Bernie Sanders is great. I was inspired by him today in NM & he is campaigning for @HillaryClinton! #ImWithHer #NeverTrump	1	1 1	great. I was inspired	Bernie Sanders	Sanders	2		1 4	he is campaigning for @HillaryClinton	Bernie Sanders	Bernie Sanders	2		2	4	4	great; inspired		4
2 1 8	#TRUMP keeps on digging deeper and deeper…soon he'll reach his favorite place, #CHINA. He can check out 'The Great Wall' for nex time!!	1	1 0	keeps on digging deeper and deeper	#TRUMP; he	Trump	2	keeps on	1 4	he can check out 'The Great Wall' for nex time!!	#TRUMP; he	Trump	2	!!	1	2	4			1
2 1 9	I consistently support denying the support of any Trump business dealings throughout the entire world #nevertrump.|Thank you!	1	1 2	I consistently support	Trump	Trump	2	consistently	9	Thank you!	you			2		2	3	4		Thank	1

133

	Tweet																			
220	It is up to WTP to take back our nation! If it goes to #CrookedHillary we will never get it back! We need a change that we can trust #Trump	1	12	We need a change that we can trust	WTP	people	2	!	3	#CrookedHillary; we will never get it back!	#CrookedHillary	Clinton	2		2	4	2		#CrookedHillary	2
221	@BrettMDecker: Rep @DanaRohrabacher on fire: #Republicans backing away from #Trump are gutless. Saving weak #GOP #Congress won't matter if #Hillary is prez	1	10	gutless, saving weak GOP #Congress won't matter if #Hillary is prez	#Republicans backing away from #Trump	Republicans	2								2	2		gutless; weak		2
222	@TIME @realDonaldTrump I never believe a word this trump has been saying #I'mwithher #dumptrump	1	3	I never believe a word #dumptrump	@realDonaldTrump; this trump; #dumptrump	Trump	2								2	2				4
223	#Trump thinks everything is rigged till it favors him	1	10	#Trump thinks everything is rigged till it favors him	#Trump; him	Trump	2								2	2		rigged		6
224	@ABirkenau: @thedailyshow Disgusting obfuscation! Can't wait for #TRUMP to end corrupt influences in the media! Preheating my oven now.	1	3	Disgusting obfuscation!; corrupt influences in the media	@thedailyshow; the media	The Daily Show; the media	2	!	2	can't wait; Preheating my oven now	#TRUMP	Trump	2		2	2	4	Disgusting obfuscation; corrupt		2
225	Claiming the democratic process you are participating in is 'rigged' before you've even lost is downright dangerous. #nevertrump	1	1	downright dangerous	#nevertrump; you	Trump	2	downright	10	rigged'; claiming	you; #nevertrump	Trump	2		2	2	2	downright dangerous	rigged'	2
226	@sherrieweynand1: We need change, not a circus. No war, no billionaires. #NeverHillary Never #Trump #DrainTheSwamp #PodestaEmails	1	12	We need change	#NeverHillary #Trump	Trump and Clinton	2		3	#DrainTheSwamp; #PodestaEmails	#NeverHillary; #Trump	Trump and Clinton	2		2	2	2			5
227	@bbcr4today #obama made sure voter ID demands were defeated, then accuses #trump of whining. Hypocrite dissembler #r4today #Election2016	1	3	Hypocrite dissembler	#obama	Barack Obama	2		10	whining	#obama	Barack Obama	2		2	2	2	hypocrite dissembler	defeated; whining	2

ID	Tweet																			
228	#LT The last time that a democratic candidate won the #Texas is Jimmy Carter in 1976. May be Clinton in 2016 !|#Clinton #Trump #USA2016	1	2	May be Clinton in 2016!	Clinton	Clinton	2										2	4			4
229	@BenHowe @CCBS_MFranco |Not Really|#Trump is a Fraud|McMullin is a Fraud. Claiming 2B #12A Campaign when doing exact opposite	1	3	a Fraud; a Fraud; doing exact opposite	#Trump; McMullin	Trump and McMullin	2		1 0	doing exact opposite	McMullin	Mc Mullin	2			2	2	2	Fraud		1
230	@JetBlackCloud @Garossino|Well agreed.|My point was: That #Trump tax return leak did not come to @nytimes by legal means either :-)	1	1 2	My point was	@nytimes	New York Times	2									2	2				6
231	My town/state is full of Hispanic Democrats who believe White People are Racist for being Republicans and voting #Trump. How to change this?	1	1 3	who believe White People are Racist for being Republicans and voting #Trump	Hispanic Democrats	Democrats	2		1 6	How to change this?			2			2	2	2	racists		2
232	@DJStevenMichael if u think Trump won't create greater divide n hostility here n throughout the world, ur drinking too much #Trump Koolaid.	1	1 0	ur drinking too much #Trump Koolaid	@DJStevenMichael	Twitter user	2		1	create greater divide n hostility here n throughout the world	Trump; #Trump	Trump	2	greater	1	2	2		divide; hostility	1
233	@Mad1inUSA: @Mina001 @RealJamesWoods Drove all thru North Dallas with Huge Mansions. #Trump Signs Everywhere. Not 1Hillary Sign. Now THAT'S a Good Sign	1	1 4	#Trump Signs Everywhere. Now THAT'S a Good Sign	#Trump Signs	Trump	2									2	5		good sign		2
234	@YouCallWeHaul6 @saveusrepublic2 #NeverTrump..Not in a million frickin' years. I vetted the JERK. He is GARBAGE! #ImWithHerToStopHIM	1	3	#NeverTrump; I vetted the JERK; He is GARBAGE	#NeverTrump	Trump	2		1 5	Not in a million frickin' years	#NeverTrump; JERK; He	Trump	2		2	1	2	JERK; GARBAGE	frickin'	4

235	@marcorubio but you still support him. That means you support people treating ur wife & daughters that way. Man up. #notrump	1	3	support people treating ur wife & daughters that way.	you; @marcorubio	Marco Rubio	2		15	Man up	you; @marcorubio	Marco Rubio	2		2	2	2			1
236	& ignorant liberals are gonna turn their cheek to this and vote for her #exposetheclintons #TrumpPence2016 #ProjectVeritasAction	1	10	ignorant liberals are gonna turn their cheek to this and vote for her	liberals	Liberals	2		2	#ProjectVeritasAction	#exposetheclintons; her	Clinton	2		2	2	4	ignorant		2
237	#Trump is the #reapers, #Clinton is #TheCouncil, and we need a #CommanderSheppard to save us. #masseffect #politics #videogames #debate	1	12	need a	#Trump; #Clinton	Trump and Clinton	2								2	2				5
238	@BilldeBlasio helping Hillary Clinton is an act of treason #TrumpTrain #MidWestMilitiasOnStandby #FuckTheUN #FuckNATO #WeWillBlockTheSteal	1	3	act of treason	@BilldeBlasio	Bill de Blasio	2		15	#FuckTheUN #FuckNATO	#FuckTheUN #FuckNATO	UN; NATO	2		2	2	2	treason	#FuckTheUN #FuckNATO	2
239	@Dodgers Stop staying at #Trump hotels when on the road. There are many other nicer, non-racist, non-rapey hotels to choose from. -Ur fans	1	10	Stop staying at #rump hotels	@Dodgers	The Dodgers	2								2	2		racist; rapey		1
240	@StatesPoll: lol MSM doesn't talk about Podesta's Anti-White Race quote.(He wished San Bernardino Shooter was a White Guy.)|#TrumpTrain #MAGA #Trump2016	1	10	doesn't talk about Podesta's Anti-White Race quote.	MSM	Media	2		15	He wished San Bernardino Shooter was a White Guy	He	?	2		2	2	2			2
241	#PartsUnknown did an amazing job tonight! It made me so proud to be from the H! #AmericaIsAlreadyGreat #StrongerTogether #LoveTrumpsHate	1	11	did an amazing job	#PartsUnknown	Clinton	2		6	It made me so proud; #AmericaIsAlreadyGreat	H	Clinton	2	so	2	4	4	amazing	proud	4

242	Amazing.. with all the truths coming out per #Trump some SWAMP is starting to self-distruct or implode by itself. Vote #Trump to save USA	1	14	Amazing; truths; some SWAMP is starting to self-distruct or implode by itself.	#Trump	Trump	2								2	4		amazing; truths		2
243	Nah, simply #NewBastille would work better for those bitches. 1776 and let #Trump build a new WH we can be PROUD of	1	12	would work better	bitches	bitches	2		2	let	#Trump	Trump	2		2	2	5	Bitches	PROUD	2
244	WE DONT NEED U, WE DONT WANT U #NEVERTRUMP PAY TAXES, U SEXUAL PREDATOR & LYIN RACIST HYPOCRITE	1	15	WE DONT NEED U, WE DONT WANT U	#NEVERTRUMP; U	Trump	2		3	U SEXUAL PREDATOR & LYIN RACIST HYPOCRITE	#NEVERTRUMP; U	Trump	2		2	1	1		SEXUAL PREDATOR; LYIN RACIST	1
245	I think @GOP plan is to get the win. Allow @realDonaldTrump to be arrested/impeached. @mike_pence becomes prez. #GOTV #NeverTrump #ImWithHer	1	12	I think @GOP plan is to get the win.	@GOP	Republicans	2		2	Allow to be	@realDonaldTrump	Trump	2		2	2	4			4
246	You're screaming about emails but completely silent about fraud and rape. #NeverTrump	1	3	silent about fraud and rape	#NeverTrump; you	Trump	2	completely	10	screaming about emails	you; #NeverTrump	Trump	2		2	2	2	fraud; rape	screaming	1
247	@wolfblitzer So some journalists are getting their feelings hurt? Maybe if you reported the truth, we would leave them alone! #Trump	1	10	if you reported the truth	some journalists	Media	2								2	2				2
248	RT @MethodLead: It was never about #Trump, though he's better than I expected.|#HRC and her handlers had to be stopped.|In the coming days you'll see why.	1	12	better than I expected	#Trump	Trump	2		10	had to be stopped	#HRC and her handlers	Clinton	2		2	4	2	better		2
249	RT @ThinkAtheist: I'm still waiting on this proof" Trump said he has to discredit the women he	1	10	I'm still waiting on this proof	Trump; #nevertrump	Trump	2	still	3	he sexually assaulted	Trump; #nevertrump	Trump	2		2	2	2		sexually	1

137

ID	Tweet																			
	sexually assaulted... #nevertrump""																			assaulted
250	RT @RyanGrossman5: I don't believe the polls. I bet Trump wins by a landslide #Trump2016 #MakeAmericaGreatAgain	1	12	I don't believe	the polls	polls	2		2	I bet Trump wins by landslide	Trump	Trump	2		2	2	4		landslide	2
251	@RevDaniel haha 650 million? Dude's so stoned can't even think straight. And most of his followers are just as crazy #imwithher #dumptrump	1	3	dude's so stoned can't even think straight.	#Trump2016	Trump	2		10	just as crazy	most of his followers	Trump supporters	2		2	2	2	stoned	crazy	4
252	#trump good luck on your tv show i got you lotes of fanes @msnbc @cnnbrk #foxnews i voted for #hrc happy	1	2	good luck; I got you lotes of fanes	#trump	Trump	2		14	happy	#hrc	Clinton	2		1	2	4			4
253	Are #NeverTrump folks ready to become never Clinton voters yet?	1	7	are #NeverTrump folks ready to become never Clinton voters yet?	#NeverTrump folks	#NeverTrump users	2		2					1	2	3	4			3
254	#Trump supporting idiots talking abt cyber security: trump still lives in letter writing era. he is cyber secured bcoz lives in 19th century	1	10	lives in 19th century; supporting idiots	#Trump; he	Trump	2		3	#Trump supporting idiots talking abt cyber security	#Trump	Trump	2		2	2	2		idiots	1
255	@paulwoll Its amazing how people think they are so informed but they vote #Trump it's absolutely mind boggling	1	5	it's amazing how people think; #but they vote #Trump; mind boggling	they vote #Trump	Trump voters	2	absolutely	10		#Trump	Trump	1		2	2	2			1
256	RT @aBasithH: Few days left until election & #Trump surrogates r getting excited over emails & transparency.||Remember, were still awaiting Trump's taxes.	1	10	Remember, were still awaiting Trump's taxes.	Trump's; #Trump	Trump	2	still							2	2				1
257	RT @DEBirch1: A Crooked Hillary win will guarantee that the world will see 2 Clintons impeached.	1	3	Crooked Hillary	Hillary	Clinton	2		2	the world will see	2 Clintons	Bill and Hillary Clinton	2		2	2	4	Crooked		2

	Vote Trump! |#MakeAmericaGreatAgain |#TrumpPence16																		
258	RT @ladies4trump: This election is going down in History! Everyone of you on the #TrumpTrain have done a big part- I'm so proud of you ladies and gents! #MAGA	1	11	proud of you ladies and gents!	Everyone of you on the #TrumpTrain	Trump supporters	2	so	2	going down in History	This election	elections	2		2	4	4	proud		2
259	@SoCalProf @kim Yes but with an imminent #Trump Presidency seems he switched loyalties back to law rather than corruption to #draintheswamp	2	no																	
260	@WDFx2EU7 Quit quoting scripture about Trump. It makes you no better than the #NeverTrump crowd	1	10	Quit quoting scripture	@WDFx2EU7	Twitter user	2		12	It makes you no better than	@WDFx2EU7	Twitter user	2		2	2	2			6
261	@DavidCornDC @CBSNews why no report on #TRUMP rape trial coming up? Underage "models" procured for rich friends?	1	10	why no report on #TRUMP rape trial coming up?	'@DavidCornDC @CBSNews	Media	2		3	rape trial	#TRUMP	Trump	2		2	2	2		rape	1
262	RT @lorlister: These are America's darkest days in so many years... #NeverTrump	1	13	darkest days in so many years	America	America	2	darkest								2	1		darkest	1
263	@HuffPostPol @christinawilkie YOUR LIARS #CHEATERS #GOTRUMP #NEVERHILLARY #WEARETAKINGAMERICABACK #TRUMPTRAIN @REALDONALDTRUMP	1	3	LIARS #CHEATERS; #NEVERHILLARY	#NEVERHILLARY	Clinton	2		2	#WEARETAKINGAMERICABACK	#TRUMPTRAIN	Trump	2		2	1	5	LIARS; #CHEATERS		2
264	The #FBI said. The #Emails said. #Trump said. #Hannity said. #Obama said. #Hillary said. |What the f_ck do u want? What do you wanna' say?"	1	15	what the f_ck do u ant? What do you wanna say?	#FBI; #Emails; #Trump; #Hannity; #Obama; #Hillary	everyone	2								2	1		F_CK		6
265	RT @LC7501: @MrJamesonNeat Reading this affidavit is horrifying. How will these young girls, now women ever recover. #NeverTrump	1	3	horrifying	this affidavit	affidavit	2		1	How will these young girls, now women ever recover.	#NeverTrump	Trump	2		2	1	2	horrifying		1

	Tweet			Phrase 1	Target 1	Category 1				Phrase 2	Target 2	Category 2						Word 1	Word 2	
266	@bodysculptorokc Ya know ...I'm #NeverTrump #NeverHillary ||Nice to know ya though.	1	12	I'm #NeverTrump #NeverHillary	#NeverTrump; #NeverHillary	Trump and Clinton	2		14	Nice to know ya	@bodysculptorokc	Twitter user	2		2	2	4		nice	5
267	@joelpollak I give u a STANDING OVATION Joel #NeverEverQuit #neverforgetit #NeverHillary #TRUMP supporters must #getoutthevote	1	11	STANDING OVATION	@joelpollak	Twitter user	2		12	must #getoutthevote	#TRUMP supporters		2		2	5	4	STANDING OVATION		2
268	History is within our reach. Ignore all the distractions! Vote @HillaryClinton! #ImWithHer #ClintonKaine2016 #LoveTrumpsHate	1	6	History is within our reach	@HillaryClinton	Clinton	2		12	Ignore all the distrations	@HillaryClinton	Clinton	2		2	4	4			4
269	@LBC banislamdotcom @YouTube How can any decent American even consider voting 4 Clinton? Wake up America,your allies are watching. #Trump	1	10	How can any decent American even consider voting 4 Clinton?	American	Americans	2		10	Wake up America	America	Americans	2		2	2	4			2
270	#TrumpTrain #MAGA RT @ObamaMalik: If trump says to build the wall we must go and build it. I will go to Home Depot and get supplies.	1	12	we must go	trump	Trump	2								1	4				2
271	RT @suthrngurl: @robreiner she really is THE MOST HIGHLY QUALIFIED of all running candidates in a long time. #NeverTrump	1	11	THE MOST HIGHLY QUALIFIED	she	Clinton	2								2	5		THE MOST HIGHLY QUALIFIED		4
272	@Decentrik_ @Anncostanza1 Bad officials are elected by good citizens who do not vote. We need all to vote #trump	1	10	Bad officials are elected by good citizens who do not vote.	#trump	Trump	2		12	We need all to vote	#trump	Trump	2		2	2	4	bad		2
273	RT @craziforlife: Bashing Trump does not mean I support Hillary and bashing Hillary does not mean I support Trump. #DumpTrump #NeverHillary	1	12	does not mean I support	Hillary; Trump	Trump and Clinton	2								2	2		bashing		5
274	DON'T FORGET! TRUMP:|1. Self-confessed SERIAL MOLESTER|2. No TAX RETURNS|3. TRUMP U	1	3	Self-confessed SERIAL MOLESTER; U	TRUMP	Trump	2								2	1		SERIAL MOLEST		4

	fraud|4. DIDN'T PAY employees|#ImWithHer #NEVERTRUMP #p2			fraud|4. DIDN'T PAY employees														ER; U fraud		
275	RT @LibertySeeds: The sewer is backed up and #Trump is the only guy willing to fix it. #DebateNight	1	10	The sewer is backed up; the only guy willing to fix it.	#Trump	Trump	2		11	#Trump is the only guy	#Trump	Trump	2	the only	2	2	4			2
276	Would anyone be surprised if Hillary Clinton ran again in 2020 if she loses this election? She has no shame. #Hillary #Trump #hillaryEmails	1	3	no shame	she	Clinton	2		10	Would anyone be surprised	anyone	anyone	2		2	2	2			3
277	#Trump trying to repay his Russian debt by:|Lose- have his racist supporters try to start civil war and weaken or destroy US	1	1	try to start civil war and weaken or destroy US	racist supporters	Trump supporters	2		3	his racist supporters	#Trump	Trump	2		2	2	2	civil war	racist	1
278	@Anonymoose2017 @HillaryClinton @POTUS @SkyNews @CNBC ok, #PutinPuppet go change your depend and rest your eyes. #NeverTrump	1	10	#PutinPuppet	#PutinPuppet	Putin	2									2	2				1
279	#Education is at stake #Equality is at stake #Health of our #Planet and #Children are at stake #BeforeTheFlood #imwithher #LoveTrumpsHate	1	1	#Education is at stake #Equality is at stake #Health of our #Planet and #Children are at stake #BeforeTheFlood		America	2									2	1				4
280	@NewWorldNewAge already did and proudly voted for #Trump. Felt great!	1	14	proudly voted. Felt great!	#Trump	Trump	2		6	Felt great!	#Trump	Trump	2	!	2	4	4	proudly; great	great	2
281	@bigop1 @realDonaldTrump Enjoy your little screen capture, it's the only place you're gonna see it! Hillary 2016!!! #NeverTrump	1	2	it's the only place you're gonna see it!	Hillary	Clinton	2									2	4				4

282	LMAO. Perusing #DonaldTrump supporters tweets is equal parts hilarious and scary as hell. These people are batshit crazy. #NeverTrump	1	14	hilarious	#DonaldTrump supporters tweets	Trump supporters	2		1	scary as hell; batshit crazy	#DonaldTrump supporters tweets	Trump supporters	2	as hell; batshit	2	4	1	hilarious	scary as hell; batshit crazy	1
283	RT @AdolfJoeBiden: How much shit did I take for saying #NeverTrump was pure semitism? Then they nominate a TWO Jew ticket. Can't be coincidence. I was right.	1	10	how much shit did I take for saying #NeverTrump was pure semitism?; they nominate a TWO Jew ticket.	I	#NeverTrump users	2	pure	12	I was right	I		2		2	2	4	shit; semitism		2
284	#HumaAbedin kept #HillaryClinton emails in computer folder called Life Insurance." Given what happened to Seth Rich, it makes sense. #Trump"	2																		
285	Clearly #trump has something going w/Russia! He's got his idiot brainwashed supporters on board! I believe he thinks He&Putin will rule	1	10	Clearly #trump has something going w/Russia!; his idiot brainwashed supporters	#trump	Trump	2		12	I believe he thinks	He & Putin	Trump and Putin	2		2	2	2	idiot brainwashed		1
286	It must suck for #Trump to watch the #evangelical, #baptist, #catholic, #Jewish, and others unite with the #MormonMafia against him. Sad.	1	13	It must suck; against him; Sad	#Trump	Trump	2		14				1		1	2	4	suck; sad		2
287	.@realDonaldTrump Ask yourself why so many white supremacist are drawn to your rallies? Denounce them now! #Trump #TrumpRally #drumpf	1	10	Ask yourself why so many white supremacist are drawn to rallies?	white supremacist	Trump	2		12	Denounce them now!	white supremacist	Trump	2	!	2	2	2		denounce	2

288	RT @RVAwonk: 25. And the way to do that is to send an overwhelming mandate at the ballot box -obliterate #Trump & every single thing he stands for.	1	2	Hillary 2016!!!	#Trump	Trump	2								2	2		obliterate		1
289	@realDonaldTrump I'm donating BIGLY to Hillary! #GoHillary #imwithher #nevertrump	1	14	donating BIGLY	Hillary; #GoHillary;#Imwithher	Clinton	2	BIGLY							2	5		BIGLY		4
290	It's 1:10 AM in Washington DC and Donald Trump is still a major threat to the free world.|And he has small hands.|#DumpTrump	1	1	major threat to the free world	Donald Trump	Trump	2	major	12	has small hands	he	Trump	2		2	1	3	threat		1
291	#GrabYourWallet Because Hate, bigotry, misogyny & Racism went Out of Style. #boycottTrump #Ivanka & all stores that carry #Trump. #Nordstrom	1	3	Hate, bigotry, misogyny & Racism	#Trump	Trump	2		2		#Ivanka #Trump	Trump and Ivanka	1		2	2	4	Hate, bigotry, misogyn & Racism		1
292	@david_kirson SOROS praised Clinton for giving him an open door to discuss policy... With George.. He really likes Hillary Clinton"|#TRUMP"	2																		
293	I'd love to have read Hunter S. Thompson's take on #Trump. It would have been savage and epic. R.I.P. HST.	1	11	savage and epic; RIP	Hunter S. Thompson	Hunter S. Thompson	2								2	4		8		1
294	#Trump does not pay taxes, cheated small biz owners&had racist rental policies,in addition to his other negatives. But let's focus on emails	1	3	does not pay taxes; cheated small biz owners; had racist rental policies	#Trump	Trump	2		10	But let's focus on	#Trump	Trump	2		2	2	2	cheated; racist; negatives		1
295	@donnabrazile Hopefully it will with all of you corrupt Democrats behind bars where you belong #LockHerUp #TrumpTrain #MAGA #TrumpPence16	1	2	Hopefully it will	all of you corrupt Democrats	Democrats	2	all of you	3	corrupt	democrats	Democrats	2	all of you	2	2	2	corrupt; bars	corrupt	2
296	@Dailytakes Not surprising for this scampaign of incompetence and cluelessness, is it? I laughed when I received this email. #NeverTrump	1	10	incompetence; cluelessness	scampaign	Trump	2		14	laughed	email	email	2		1	2	4	incompetence; cluelessness	laughed	1

297	RT @RVAwonk: 1. This is going to be a really long thread about #Trump's dangerous 2nd Amendment remarks & why they should be taken very, very seriously.	1	1	dangerous 2nd Amendment remarks & why they should be taken very, very seriously	#Trump	Trump	2	really; very, very							2	1				6
298	RT @Cutthroat19841: @samsteinhp So Comey sits on information that exposes #Trump's ties to Russia but runs his mouth like a bitch over Huma's emails.	1	10	runs his mouth like a bitch voer Huma's emails	Comey	Comey	2		3	like a bitch	Comey	Comey	2		2	2	2	bitch	bitch	1
299	RT @NoJobsNoPeace: All I want for Christmas is #HillaryClinton in an orange jumpsuit. #TrumpPence2016 #LOCKHERUP	1	2	All I want for Christmas	#HillaryClinton	Clinton	2								2	4		#LOCKHERUP		2
300	RT @LisaTalmadge: The only thing we don't know about #Hillary are results of her latest PAP smear.|On #Trump, we know nothing.|No policy.|No plans. |No taxes.	1	10	we know nothing.; No policy; No Plans; No taxes	#Trump	Trump	2	no; no; no							2	1				1
301	#trump did it again what a joker! CIA and mossad spread terorism!hahaha and diwali is a hindustani fest. trump a fool for president !	1	10	did it again what a joker; hahaha; a fool for president!	#trump	Trump	2		3	a fool for president	trump	Trump	2		2	2	2	joker	fool	1
302	#Hillary or #Trump, we are doomed either way. Neither is trustworthy. Neither deserves #POTUS. I am NOT going to VOTE. #NoVote #USElection	1	1	doomed either way	#Hillary or #Trump	Trump and Clinton	2	either way	10	neither is trustworthy; Neither deserves	Neither	Trump and Clinton	2		2	1	2	doomed		5
303	YOLO @realDonaldTrump Please make us beard We cannot have Hillary as president. We will be in so much trouble. #hipster #trump	1	2	Please make us	@realDonaldTrump	Trump	2		1	We cannot have Hillary as President.We will be in so much trouble	Hillary	Clinton	2	so much	2	4	2			2

ID	Tweet																			
304	@PuestoLoco @Maggyw519 Some people have lost the ability to prioritize and think logically. #StrongerTogether #NeverTrump	1	13	lost the ability to prioritize and think logically	Some people	Trump supporters	2								2	2				4
305	.@realDonaldTrump Please be cautious. Washington DC is on fire! Corruption abounds. Shadow govt is losing grip on power... #TRUMP #MAGA 1/10	1	1	Please be cautious; Shadow govt is losing grip on power…	@realDonaldTrump	Trump	2		3	Corruption abounds	Washington DC	the government	2		2	2	2		corruption	2
306	@bpolitics A lot can happen in politics in a week. If the Apprentice outtakes are revealed those emails will be forgotten #NeverTrump	1	2	A lot can happen	politics; emails	Establishment	2								2	4				1
307	#trump is a narcissistic empty vessel. @Evan_McMullin is an American hero.	1	3	narcissistic empty vessel	#trump	Trump	2		11	American hero	McMullin	Mc Mullin	2		2	2	4	narcissistic	hero	1
308	RT @ConservativeTht: As a Ted Cruz supporter, I am pleading with my #NeverTrump Conservative friends to forget the past & help Donald Trump stop Hillary Clinton.	1	12	forget the past; help stop	#NeverTrump Conservative friends	#NeverTrump users	2								2	4				2
309	RT @LauraExley2: @PuestoLoco @Maggyw519 Some people have lost the ability to prioritize and think logically. #StrongerTogether #NeverTrump	1	13	Some people have lost the ability to prioritize and think logically	Some people	Trump supporters	2								2	2				4
310	RT @rahulpuri: Waking up to read that things have turned and in 9 days a #Trump presidency is a distinct possibility. #USElection	1	1	in 9days a #Trump presidency is a distinct possibility.	#Trump election	election Trump	2		5	Waking up to read that things have turned	#Trump election	election Trump	2		2	2	2			1
311	.@preueth|I don't care about Democrats OR Republicans. There's a lot of shit on both sides.|That's what drives the #Trump movement.	1	4	I don't care	Democrats OR Republicans	Democrats and Republicans	2		3	a lot of shit	both sides	Democrats and Republicans	2	a lot of	2	2	1		shit	5
312	@denpostdana I settled it with her, u got involved. None of your biz. U are WITH HILLARY, U ARE	1	15	I settled it with her, u got	@denpostdana	Clinton	2		3	U are WITH HILLARY, U ARE BIASED.	'@denpostdana	Clinton	2		2	2	1		BIASED	2

ID	Tweet																			
	BIASED. #TRUMPTRAIN, resign ur position!			involved.None of your biz.																
313	No country, even America should have to vote between a womaniser and a con artist. #Trump #Clinton	1	12	should have to vote	a womaniser and a con artist	Trump and Clinton	2		3	a womaniser and a con artist	#Trump; #Clinton	Trump and Clinton	2		2	2	2		womaniser; con artist	5
314	RT @RVAwonk: #Trump is drawing from a script that was already written for him. And it was written by the GOP and right-wing media. 13/	1	10	a script that was already written for him	#Trump	Trump	2		10	and it was written by the	GOP and the right-wing media	Republicans and right-wing media	2		2	2	2			1
315	RT @RealScottErnst: If you see anyone promoting Nazism at #Trump events, throw their ass out the hard way. They're not welcome in #America. #MAGA	1	3	promoting #Nazism	anyone	nazism	2		12	not welcome in #America	anyone promoting #Nazism	nazism	2		2	2	2	Nazism		2
316	RT @RealScottErnst: If you see anyone promoting Nazism at #Trump events, throw their ass out the hard way. They're not welcome in #America. #MAGA	1	3	promoting #Nazism	anyone	nazism	2		12	not welcome in #America	anyone promoting #Nazism	nazism	2		2	2	2	Nazism		2
317	RT @mitchellvii: If by next weekend, Trump is leading the polls and #NeverTrump releases some BS to harm him, they should be tried for treason.	1	10	should be tried for treason	they	#NeverTrump users	2		3	releases some BS to harm him	#NeverTrump	#NeverTrump users	2		2	2	2	treason	BS	6
318	RT @mitchellvii: I believe that if victory seems within grasp, all but the most dedicated #NeverTrump'ers will come home.	1	12	I believe		Trump	2		2	will	the most dedicated #NeverTrump'ers	#NeverTrump users	2		2	4	4	victory		2
319	RT @scientistjadams: The fact that #Trump has ANY support is a nauseating commentary on human ignorance & primitivism. He represents all that is wrong. #think	1	3	nauseating commentary on human ignorance & primitivism	support	Trump supporters	2		12	he represents all that is wrong	#Trump	Trump	2		2	1	2	nauseating; primitivism	wrong	1
320	@WayneRoot Asshole. Your boy Trump getting crushed will have nothing to do with voter fraud.	1	3	Asshole; POS	Trump; '@Wayneroot	Trump	2		2		Trump	Trump	1		2	2	4	asshole; POS		1

	Entirely about Trump being a POS #NeverTrump																			
321	RT @ganeshan_iyer: America's worst nightmare was 9/11. Now it's 11/9.|The tables have turned!||#TRUMP #myvote2016 #ElectionNight #USElection2016 #electionday	1	13	worst nightmare, the tables have turned	America; #Trump	Trump	2	worst	10	the tables have turned!	#ElectionNight #USElection2016 #electionday	Elections	2	!	2	2	2	worst nightmare		1
322	Hate is so popular these days.|Baffled. ðŸ˜¢||#whatatimetobealive|#ElectionNight #ElectionDay #FlexTheVote #Trump #wtfamerica	1	13	Hate is so popular these days. #whatatimetobealive	#Trump	Trump	2		5	Baffled; #wtfamerica	America	America	2		2	2	2	hate	#wtf amer ica	1
323	RT @matthewgardner: Waking up to snow this morning in Leeds. It really is proof that hell has frozen over. #Election2016 #Trump	1	13	is proof that hell has frozen over	#Trump; #Election2016	election Trump	2									2	2		hell		1
324	The world dies, or #Trump dies. We have to choose. #ElectionNight	1	13	the world dies, or #Trump dies	#ElectionNight	election Trump	2									2	2		dies		1
325	First Brexit, now Trump. It's been a great year, #Brexit #Trump	1	13	First Brexit, now Trump. It's been a great year.	#Trump #Brexit	Trump and Brexit	2		14	It's been a great year	#Trump; #Brexit	Trump and Brexit	2		1	2	2			1
326	I told everyone #Trump would win based off the Landslide in the primary. Your polls don't mean anything. Voting matters	1	10	Your polls don't mean anything.	#Trump	Trump	2									2	2				6
327	Please don't tell me racism doesn't exist when I've witnessed two important democratic" votes won this year due to immigration... ||#TRUMP	1	10	don't tell me racism doesn't exist	two important democratic" votes	Trump and Brexit	2		3	racism	two importatn democratic votes	Trump and Brexit	2		2	2	2	Racism	racis m	1
328	Shame on you american people shame on you #ElectionNight #Trump	1	3	shame on you; shame on you	you American people	Trump	2									2	2		shame		1

329	RT @astramateria: If #trump wins and the Senate becomes majority Republican, Roe V. Wade can be repealed. Just saying. #SCOTUS #Election2016	1	13	Roe V. Wade can be repealed.	Roe V. Wade	Abortus freedom	2									2	2			1
330	If you think it's the right or wrong decision you have the next 4 years to ponder it. #MakeAmericaGreatAgain	1	10	you have the next 4 years to ponder it.	the right or wrong decision	election Trump	2									2	2			6
331	#Trump & Middle East? Won't get out but won't promote democracy either. But it will challenge 'Make America Great Again' rhetoric.	1	10	Won't get out but won't promote democracy either.	#Trump & Middle East	Trump and Middle East	2		10	But it will challenge	#Trump	Trump	2		2	2	2		challenge	6
332	RT @Timanter: Ding dong the witch is dead.|Which old witch?|The wicked witch.|Ding dong the wicked witch is dead.|#maga #tcot #trump	1	14	Ding dong the witch is dead.	the witch	Clinton	2		3	The wicked witch	witch	Clinton	2		2	4	2		wicked; witch	2
333	Brexit ii, waking up to Trump vote #Trump #Brexit #usaelection	1	13	brexit ii	Trump vote; #Trump	election Trump	2									2	2			1
334	Thank God!!! Was getting nervous! #trump!!! For the win	1	9	Thank	god	god	2	!!!	14	for the win	#Trump	Trump	2	!!!	2	5	5	thank	win	2
335	TRUMP TRUMP TRUMP TRUMP. Time to start draining the swamp that are the corrupt Washington insiders. #MakeAmericaGreatAgain	1	14	TRUMP TRUMP TRUMP TRUMP	TRUMP	Trump	2		3	the swamp; corrupt Washington insiders	Washington insiders	Establishment	2		2	5	2		swamp; corrupt	2
336	#Putin is happy that #Trump is becoming president... um... Yaaay! Ugh! #ElectionNight #ElectionWatch2016	1	3	#Putin is happy; Ugh	#Trump is becoming president	election Trump	2	!							1	1		Ugh		1
337	It looks, foreigner and immigrant r only against #trump (doesn't matter) . #american love #trump that mattered the most. #electionday	1	14	#american love #trump	#trump	Trump	2		10	(doesn't matter)	foreigner and immigrant	foreigners	2		2	4	2	8		2
338	I'm quite shocked at just how stupid Americans really are. I mean #trump as president?	1	5	shocked; Seriously?	how stupid Americans really are	election Trump	2	quite	1	on edge of war	the world	the world	2		2	2	2	shocked; stupid	war	1

ID	Tweet																			
	Seriously? The world is on edge of war #ElectionNight																			
339	@BoycottLIBLABS @_denisescott @JaneCaro I quit in 1986 but not prepared to throw it away of a dick like #trump. He'll still be theretomorrow	1	3	dick	#trump	Trump	2		10	not prepared to throw it away	#trump	Trump	2		2	2	2	dick		1
340	You #NeverTrump douchebags failed miserably. We won, you lose. It's going to be President Trump. Fuck off and die.	1	3	douchebags; Fuck off and die; failed miserably	#NeverTrump douchebags	#NeverTrump users	2		14	We won	President Trump	Trump	2		2	2	4	douchebags; Fuck off and die; failed miserably	won	2
341	Praying that once its official, he declines and tells us how we are all dumbass puppets #Trump #ElectionNight	1	2	praying	#Trump	Trump	2		13					1	2	4	2	praying		1
342	RT @sapnabhavnani: The closet #Trump supporters have started to come out. My timeline has never been so depressing. #ElectionNight let's talk abt #modi instead	1	13	depressing	timeline	Trump supporters	2	so	10	have started to come out	the closet #Trump supporters	Trump supporters	2		2	1	2	depressing		1
343	Trump has single handedly pulled off the biggest upset in centuries. |#ElectionNight #TrumpTrain	1	5	biggest upset in centuries	Trump	Trump	2	the biggest						2	5				2
344	Trump wins and liberals are gonna leave the country. We just keep winning #Trump #ElectionNight	1	14	wins; we just keep winning	Trump	Trump	2		14	leave the country	liberals	liberals	2		2	4	4	wins		2
345	@washingtonpost Hail to the Chief President Donald Trump! :D #MakeAmericaGreatAgain #BoricuasforTrump #DraintheSwamp	1	14	Hail to the Chief President Donald Trump; :D	Donald Trump	Trump	2	:D						2	5		Hail; :D		2
346	Hillarys gonna find a way to delete Donald trump voters votes watch #MakeAmericaGreatAgain	1	10	gonna find a way	Hillarys	Clinton	2							2	2				2

ID	Tweet				Excerpt	Entity	Category		Word		Phrase	Entity	Category		Word				Sentiment		
347	America if you voted #Trump you voted for tax payers money to be wasted amongst pointless army missions and for wasted life of the soilders	1	1	3	you voted for tax payers money to be waster amongst pointless army missions and for wasted life of the soilders	America	election Trump	2								2	2		wasted; pointless		1
348	United States President, United States Senate, United States House is all GOP! President Donald J. trump will now #MakeAmericaGreatAgain	1	1	4	President Donald J. trump will now #MakeAmericaGreatAgain	Donald J. Trump	election Trump	2	all							2	5				2
349	RT @stevenzzhou: Saddest part is that the real, concrete consequences of #Trump presidency won't become truly apparent until later on. #ElectionNight	1	1		concrete consequences of #Trump presidency won't become truly apparent until later on.	#Trump presidency	Trump	2		13	saddest part	#Trump presidency	Trump	2	saddest	2	2	1		saddest	1
350	So proud of all the hard work @realDonaldTrump has put in. He finally won!! #MakeAmericaGreatAgain	1	1	1	so proud of all the hard work	"@realDonaldTrump	Trump	2	so	14	He finally won!!	He	Trump	2	!!	2	5	5	proud	won	2
351	Trump made Pennsylvania red and I went to the rally in Hershey! #ElectionNight #Trump #MAGA	1	1	4	made Pennsylvania red	Trump	Trump	2								2	4				2
352	@ScandalABC ... ok , this night was a fun Trailer for the next season , can we have the real #electionnight now ? @guillermodiazyo #Trump	1	5				Trump	1		13						1	2	2			1
353	Biblical ... God sent the rains and He sent the devil incarnate and He said unto mankind, take that you idiots #USElections2016 #trump	1	1	3	God sent the rains and He sent the devil incarnate	#trump	Trump	2								2	1		devil incarnate; idiots		1

354	Whatever you like it or not, The 45th President of the United States is @realDonaldTrump! #ElectionNight #Election #Election2016 #Trump	1	14	The 45th President of the United States is @realDonaldTrump!	@realDonaldTrump	Trump	2		10	Whatever you like it or not		people	2		2	4	2			2
355	@WSJ #ElectionNight #Trump shame on you Americans!	1	3	shame on you	Americans	Americans	2								2	2		shame		1
356	Just because you can win by tapping into anger of white, uneducated voters doesn't mean you should. #Elections2016 #politics #Trump #utpol	1	15	Just because you can win by tapping into anger of white, uneducated voters doesn't mean you should.	#Trump	Trump	2		10	doesn't mean you should	#Trump	Trump	2		2	2	2	anger; uneducated		1
357	Hillary has no integrity for our country. Trump is not racist. Stop taking phrase quotes out of context. No more liberal media now #TRUMP	1	3	no integrity for our country	#Hillary	Clinton	2		15	is not racist; Stop taking phrase quotes out of context	Trump	Trump	2		2	2	2			2
358	#respect #TRUMP can't wait to see what you do. So glad Hilary won't have the chance to screw up.@realDonaldTrump support from day one friend	1	11	#respect; support	#TRUMP	Trump	2		14	So glad	Hilary	Clinton	2	so	2	4	5	#respect	glad	2
359	Lord please give Trump the last votes he needs! #MakeAmericaGreatAgain	1	2	Lord please	Trump	Trump	2									2	4				2
360	Can't believe Trump won Pennsylvania.... That was a close one! #TrumpForPresident #MakeAmericaGreatAgain	1	5	can't believe; a close one	Trump	Trump	2									2	4				2
361	Time to change the locks at the Federal Reserve #USElection2016 #trump @PrisonPlanet	1	1	time to change the locks at the Federal Reserve; @PrisonPlanet	#trump	Trump	2									2	2		@Prison Planet		1

ID	Tweet																			
362	That's one way to wake yourself up good and proper on a Wednesday morning. #Trump	1	5	wake yourself up good and proper	#Trump	Trump	2		14	good and proper	#Trump	Trump	2		2	4	4		good and proper	2
363	RT @theforeverman: If #Trump wins there's possibly at least one silver lining - he might actually work WITH #Russia, not against it, to crush #ISIS..#CapeTown	1	7	If	#Trump	Trump	2		2	one silver lining	he	Trump	2	might	2	3	4		silver lining	6
364	Trump didn't win. Racism won. Sexism won. Hate won. Lack of education won. |#USElection #Trump	1	13	Racism won. Sexism won. Hate won. Lack of education won	Trump	Trump	2		3	Racism won; Sexism won; Hate won	Trump	Trump	2		2	1	2	Racism; Sexism; Hate	Racism; Sexism; Hate	1
365	Honestly how have you let a man like that who is racist sexist and gloats about sexually offending be president #ElectionNight #Trump	1	3	racist sexist and gloats about sexually offending	a man like that	Trump	2		5	honestly	#Trump	Trump	2		2	1	2	racist; sexist; gloats; sexually offending		1
366	Isn't there still a #Trump underage rape trial in the near future? Can we start an impeachment process before January?	1	2	isn't there still	#Trump	Trump	2		7	can we start	#Trump	Trump	2		2	4	4			1
367	Does anyone still think democracy is a good idea? #USElection2016 #Trump #Clinton #US	1	7	still think democracy is a good idea?	#Trump	Trump	2		10				1		2	2	2			1
368	#Trump #ElectionNight Dumby americans....... So stupid !	1	10	Dumby; So stupid!	Americans	Americans	2	so							2	1		dumby; stupid		1
369	I can see the future that's ahead for our country. It's time to worry. #trump #ElectionNight #ImWithHer #follow #UnitedStates #future	1	1	It's time to worry	#trump	Trump	2								2	2		worry		4
370	RT @Joosje: Curious if #Trump will accept the results, after all for weeks on end he kept on saying the elections were rigged #USElection2016	1	7	Curious if #Trump will accept the results	#Trump	Trump	2		10	for weeks on end he kept on saying the	he; #Trump	Trump	2		1	3	2			1

										elections were rigged										
371	Dumb people have outsmarted the smart ones, and won. Worried for minorities, USA and for the world at large #trump #clinton #USA	1	10	Dumb people have outsmarted the smart ones,	Dumb people	Trump voters	2		1	Worried for minorities	#Trump	Trump	2		2	2	2	dumb	worried	1
372	#Trump just changed the game forever. His cost per vote is going to a faction of hers and he's about to win. #ElectionNight	1	5	just changed the game forever	#Trump	Trump	2		10	he's about to win.	his; #Trump	Trump	2		2	3	2			6
373	RT @pieushsapna: Ab ki Bar Trump Sarkar #TRUMP will be good for India.Seculars in world worried as he will be strong against terrorists	1	2	will be good	#TRUMP	Trump	2								2	4		good		2
374	in bid to maintain sanity through the forthcoming fiasco of a #Trump presidency #California votes to legalise cannabis for recreational use	1	2	in bid to	#Trump presidency	Trump presidency	2		10	forthcoming fiasco	#Trump presidency	Trump presidency	2		2	2	2		fiasco	1
375	Americans are not Welcome in Quebec if they don't speak french! #Migrations #Election #Trump	1	15	not Welcome in Quebec if they don't speak french!	Americans	Americans	2								2	2				6
376	The world is doomed #ElectionNight #Trump xxx	1	1	the world is doomed	#Trump	Trump	2								2	1		doomed		1
377	Talking alone doesn't do anything. Posting on social media, doesn't do anything. This election is proof of that. #Trump	1	10	Talking alone doesn't do anything. Posting on social media, doesn't do anything	This election; #Trump	election Trump	2								2	2				1
378	@PrisonPlanet Clinton is having fits of rage, that is why this is taking so long to conclude! #Clintontempertantrum #TrumpTrain	1	14	taking so long to conclude! #Clintontempertantrum	Clinton	Clinton	2								2	4				2

ID	Tweet			Phrase	Entity	Target				Phrase	Entity	Target						Word	Word	
379	No! Hillary not showing up but sends creepy Podesta to speak. That's just wrong! #maga #MakeAmericaGreatAgain	1	10	not showing up but sends creepy Podesta to speak. That's just wrong	Hillary	Clinton	2		15	That's just wrong.	Hillary	Clinton	2		2	2	2	wrong; creepy	wrong	2
380	INTERNET: I CAN'T BELIEVE YOU ALL VOTED FOR #TRUMP!|ME: WHY DID YOU VOTE FOR #HILLARY IN THE PRIMARY?!|INTERNET: But..|ME: SHUT UP!|#TYTlive	1	10	WHY DID YOU VOTE FOR #HILLARY IN THE PRIMARY?!	YOU	internet	2		15	SHUT UP!	INTERNET	Internet	2	!	2	1	1		SHUT UP	2
381	If #Trump wins I'm leaving the US. If #Hillary wins I'm still leaving the US. This isn't a political tweet, I'm from India.|#ElectionNight	1	4	This isn't a political tweet		?	2								1	3				6
382	@Funkagenda this tweet proves you're ignorant of the fact that not everyone who votes for #Trump fits that description... #respectyourfans	1	15	this tweet proves you're ignorant	@Funkagenda	Twitter user	2		10	not everyone who; #respectyourfans	@Funkagenda	Twitter user	2		2	2	2			2
383	This is a solid punch in the ugly face of feminism :) Congratulations, President @realDonaldTrump !!! #ElectionNight #ElectionDay #Trump	1	14	solid punch in the ugly face of feminism :)	feminism	women	2		11	Congratulations	@realDonaldTrump	Trump	2	!!!	2	4	5	:)	Congratulations	2
384	#Trump makes the world a safer place....no war with Russia...and more help for unborn Americans. God willing! #ElectionNight	1	12	makes the world a safer place, more help from	#Trump	Trump	2		6	God willing!	#Trump	Trump	2	!	2	4	5	safer		2
385	Really tried to stay up until 270, but I keep falling asleep. I hope a miracle happens while I'm sleeping. #ImWithHer #NeverTrump	1	10	tried to stay up; keep falling asleep		elections	2		2	hope a miracle happens	#NeverTrump	Trump	2		2	2	4		miracle	4
386	Good decision Americans! Way to go #Trump . #CrookedHillary creator of ISIS|#USElection2016 #fb	1	11	Good decision; Way to go	Americans; #Trump	Trump and Americans	2		3	#CrookedHillary creator of ISIS	#CrookedHillary	Clinton	2		2	5	2	good	#CrookedHillary	2

154

387	I fear these United States of America will no longer be united under a #TRUMP #Presidency. #ElectionNightÂ #Election2016Â #StatesOfAmerica	1	1	fear; no longer be united	#TRUMP #Presidency	Trump presidency	2								2	2		1		1
388	RT @josh8rice: Today is a good day #MakeAmericaGreatAgain	1	14	a good day	#MakeAmericaGreatAgain	Trump	2								2	4		good		2
389	America, u deserved it. The world shall pay the price for you. Only if you had voted instead of ranting on #Twitter. #electionday #TRUMP	1	12	u deserved it.	America	America	2		10	Only if you had voted instead of ranting on #Twitter	you	Americans	2		2	2	2		ranting	1
390	How tha fuck #trump is a racist when non white communities has voted for him instead?	1	10	How tha fuck	#trump	Trump	2								2	2		fuck		2
391	Please say Parliament has to be consulted over the US election results too. #ElectionNight #USElection2016 #Trump #brexit #USADecides	1	2	Please say	US election results	elections	2		13				1		2	2	2			1
392	#hillary had #Trump on the ropes many times and she could never finish him off.||#election2016	1	6	she could never finish him off	#hillary	Clinton	2								2	4				2
393	During the primaries, #Trump usually lost the #vote of voters who were late deciders. The exit #polls suggest that he won late deciders.	2																		
394	Beyond excited that there is actually hope for this country after all #NeverHillary #Trump #TrumpPence16 #ElectionNight	1	14	beyond excited	#Trump	Trump	2	beyond	2	actually hope for this country after all	#Trump	Trump	2		2	5	4	excited	2	2
395	Loving these numbers! #TrumpForPresident #MakeAmericaGreatAgain #HillaryForPrison2016	1	8	Loving	#TrumpForPresident	Trump	2	!	3	#HillaryForPrison2016	#HillaryForPrison2016	Clinton	2		2	4	2	loving	#HillaryForPrison2016	2
396	RT @DavidHMandel: I believe #Trump is going to ruin this country for the next 50 years or	1	1	ruin this country for	#Trump	Trump	2		6	guess my taxes will be lower	#Trump	Trump	2		2	1	4	ruin		1

	so. But I guess my taxes will be lower.			the next 50 years or so															
397	Ladies and Gentlemen, it is time to #MakeAmericaGreatAgain !!!!!#TrumpTrain #cantstumpthetrump	1	14	it is time to #MakeAmericaGreatAgain	#TrumpTrain	Trump	2	!!!!							2	5		great		2
398	If voting made any difference they wouldn't let us do it. || #MarkTwain||It was already decided - #Trump	1	10	If voting made any difference they wouldn't let us do it. It was already decided	#Trump	Trump	2		15	it was already decided	#Trump	Trump	2		2	2	2			1
399	I think dates in History will now be written BT(Before #Trump) & AT (After #Trump) #Elections2016 #TrumpedUp #USADecides	1	13	I think dates in History will now be written BT (Before #Trump) & AT (After Trump)	#Trump	Trump	2		10	#TrumpedUp	#Trump	Trump	2		2	2	2		#TrumpedUp	2
400	Hang a minute, I thought the idea was to #MakeAmericaGreatAgain ......So what happened??? #Elections2016	1	5	Hang a minute; So what happened???	#	elections	2	???	10	I thought the idea was to #MakeAmericaGreatAgain	#Elections2016	Elections	2		2	1	2			1
401	Not hoping for any particular outcome, but if they call #Pennsylvania for #Trump...this thing is effectively over right?	1	4	not hoping for any particular outcome		elections	2		7	if; right?	#Trump	Trump	2	effectively	2	3	3			5
402	You call this protesting peace full? Burning our flag and causing fires is not peaceful. Hillary is no better #TRUMP #MakeAmericaGreatAgain	1	10	you call this protesting peace full? Hillary is not better	protesting	protesters	2		15	Burning our flag and causing fires is not peaceful		protesters	2		2	2	2		riots	2
403	@SpeakerRyan The #TrumpTrain is a force that you will have to respect. It's bigger than anyone & determined to stand behind @realDonaldTrump	1	12	you will have to respect.	#TrumpTrain	Trump supporters	2		11	determined to stand behind	#TrumpTrain	Trump supporters	2	bigger than anyone	2	4	5			2

ID	Tweet																				
404	#Trump win is not big problem. but now people in street will act just like him. this will destroy streets.	1	10	This will destroy streets.	people in the street	protesters	2		1	This will destroy streets	This, people in the street	protesters	2		2	2	2			destroy	6
405	I was talking to someone who thought #Putin and #Trump were member of the same political party.	1	5	someone who thought #Putin and #Trump were member of the same political party	someone	someone	2								2	2					6
406	RT @megynkelly: .@POTUS has used the power of the pen in office to his favor, but could Mr. #Trump undo it all on January 21? We discuss next on #KellyFile.	2																			
407	RT @JohnWren1950: Just drove past a house in Kew, prominently flying a USA flag at half-mast. Says it all really. #auspol #Trump	1	13	a USA flag at half-mast.Says it all really.	#Trump	Trump	2	really							2	1					1
408	@CNBC |That's hilarious Donald u said u wouldn't accept the election results unless u won cause the election was rigged|#Trump #Election2016	1	10	u said u wouldn't accept the election results unless u; cause the election was rigged	Donald; u	Trump	2		14	hilarious	Donald; u	Trump	2		1	2	2	rigged	hilarious	1
409	Increased hate crimes are a result of a Trump presidency. Might not have been what you voted for, but it's what you've enabled. #dumptrump	1	10	hate crimes	Trump presidency	Trump	2		15	it's what you've enabled	you	Trump supporters	2		2	2	2	hate crimes		1
410	RT @JasonBrownComic: @realDonaldTrump you said the election was rigged. We didn't know you had inside information. #Trump #Russia	1	3	rigged; inside information	@realDonaldTrump	Trump	2		15					1		1	2	2	rigged		1
411	I love that #America finally gets a taste of their own medicine! #trump #TrumpPresident	1	14	8	#America	America	2		6	finally gets a taste of	#America	America	2		2	4	4	8		6

157

									their own medicin										
412	What do you support...electoral or popular vote?|#trumpprotest #trump #clinton #Election2016	2	no																
413	@hacker_center @flemingjude I'm worried abt outcome now #Trump is POTUS. He's said unkind things :(	1	1	I'm worried abt outcome now	#Trump is POTUS	election Trump	2	13	unkind things :(	He	Trump	2		2	2	2	worried	unkind; :(	1
414	Maybe BLACK voters just didn't like #Hillary OR #Trump enough to vote. Maybe it was a toss up. Maybe less voter fraud.	1	7	Maybe ; Maybe ti was a toss up; Maybe	BLACK voters	black voters	2	10	voter fraud		Elections	2		2	3	2		fraud	6
415	Riots are uncalled for, uncivilized & hurt your cause. Stop acting like fools and for fucks sake stop burning shit! Protest > riot #notrump	1	3	uncalled for, uncivilized	riot	protesters	2	15	Stop acting like fools and for fucks sake stop burning shit!	riot	protesters	2		2	2	2	uncivilized	hurt; fools; fucks; shit	6
416	#trump. Will even one of these protesters honour Veterans Day? Would even one of them?	1	7	Will even one; Would even one	protesters	protesters	2	10					1	2	2	2			6
417	If #Hilary had won people would be scared about their #healthinsurance going up. #Trump won and people are scared for their way of life.	1	1	scared for their way of life	#Trump won	election Trump	2							2	2		scared		5
418	#TrumpTrain #maga is already happening! Just heard an Ace Hardware commercial saying Merry Christmas! #boycottgrubhub	1	14	#TrumpTrain #maga is already happening!; Merry Christmas	#TrumpTrain	Trump	2	already y; !						2	4		Merry		2
419	#Democracy is will of the MAJORITY and u have to accept and respect the mandate of the MAJORITY especially if its against u. #Trump	1	10	u have to accept and respect	u	protesters	2							2	1				1
420	RT @RealRussBaker: #Trump discovers Obama actually a very good man". This will be a	1	10	nefarious in every way	O	Barack Obama	2	in every way						2	1		nefarious		1

	shocker to his supporters, who suspected O was nefarious in every way"																				
421	At this point, people protesting #Trump are impeding progress. If you want to leave, leave. Otherwise, be part of the solution.	1	10	impeding progress; If you want to leave, leave	people protesting #Trump	protesters	2		12	be part of the solution	people protesting #Trump	protesters	2		2 2 3	impeding		6
422	RT @HenaZuberi: Reminder: we negate Native American and African American history when we say that this is a new low for this land. #Trump #elections2016	1	10	we negate Native American and African American history	we	Americans	2		13	new low	this land	America	2		2 2 2	negate	low	1
423	So we now have our first immigrant First Lady, and the Hillary supporters aren't happy?? #Hypocrites #Douchebags #TRUMP	1	10	aren't happy??	Hillary supporters	Clinton supporters	2	??	3	#Hypocrites #Douchebags	Hillary supporters	Clinton supporters	2		2 1 2		#Hypocrites #Douchebags	2
424	#Trump, you're in for the worst 4 years of your life. In this actual reality show, you will be exposed as a weak fraud. A clown.	1	2	will be exposed	#Trump	Trump	2		3	weak fraud; clown	#Trump	Trump	2	weak	2 4 2		weak Fraud; clown	1
425	#Budweiser dropped @amyschumer. Now it's time for America to do the same. Let Canada find out what's inside this unfunny skank. #TRUMP	1	12	Now it's time to	America	America	2		3	unfunny skank	@amyschumer	Amy Schumer	2		2 2 2		unfunny skank	6
426	Violence is not the answer and will lead us no where! If we are going to protest, we should be protesting peacefully! #LoveTrumpsHate	1	12	we should be protesting peacefully!	we	protesters	2	!	10	Violence is not the answer and will lead us no where	us	protesters	2	!	2 4 1		violence; no where	4
427	I am a #Christian and a #DiscipleOfJesus but am for #trump I know it's Gods will he won	1	11	#Christian and a #DiscipleOfJesus		I	2		12	I know it's God will	he	Trump	2		2 4 4			2

428	RT @BlackLaquisha69: #Blacklivesmatter is the most backwards movement i've ever seen. I hope #TRUMP can save us from the impending doom you've brought us	1	10	the most backwards movement i've ever seen	#BlackLivesMatter	#BlackLives Matter	2	the most	2	2	#TRUMP	Trump	2		2	2	4	backwards ds	save	2
429	RT @PhilipJoel: Im not crying cos #trump won. I'm crying cos Racism Won. Sexism Won. Homophobia Won. Hate Won. Money Won. Stupidity Won.	1	13	I'm crying cos Racism Won. Sexism Won. Homophobia Won. Hate Won. Money Won. Stupidity Won.	#trump	election Trump	2								2	1		crying; Racism; Sexism;H omopho bia;Hate; Stupidity		1
430	Make no mistake Murica, these divides are much more complex than #Trump V #AntiTrump...	1	12	these divides are much more complex	Divides	protesters	2	much more	1	Make no mistake	Murica	America	2		2	2	2	divides	mistake	6
431	RT @ElksRv: Look, I'm not saying I hate Hillary. But I'd un plug her life support to charge my phone. #trump	1	3	I'd un plug her life support to charge my phone.; hate	Hillary	Clinton	2								1	2		hate		3
432	Trump supporters #fearus we, the ppl who have helped built the nation. #TRUMP #TrumpsFirstOrder	1	10	the ppl who have helped built the nation	#TRUMP	Trump	2								2	2				2
433	Wow. The #Trump riots are still just a bunch of millennials trying to get internet famous. Get the fuck out of here.	1	10	just a bunch of millenials	#Trump riots	protesters	2		15	Get the fuck out of here	millenials	protesters	2		2	2	2		fuck	2
434	RT @stevenzzhou: Did ppl forget that Sheldon I'm more right-wing than Genghis Khan" Adelson is a top donor for #Trump? Adelson wants war with #Iran. Yes.	1	10	did people forget	Sheldon Adelson	Sheldon Adelson	2		3	wants war with #Iran	Adelson		2		2	2	2			2
435	@joshua_abbott rioting or protests and petitions both are protected rights. Last time I checked hate was not protected #LoveTRUMPsHate	1	10	rioting or protests and petitions both are protected rights	Rioting	protesters	2		3	hate	#LoveTRUM PsHate	Trump	2		2	2	2	rioting	hate	1

4 3 6	#TRUMP #USA|#UnitedStatesOfAnarchy under Trump..|#USElection2016 #Love #NotMyPresident	2																				
4 3 7	To the haters: Give #Trump a chance to do what he says he can do. The results are not going to change because you whine, cry, riot.	1	1 0	The results are not going to change because you whine, cry, riot.	the haters	protesters	2		1 5	To the haters	the haters	protesters	2		2	2	2	hate; whine, cry, riot.	hater s	6
4 3 8	RT @ShannonJoyRadio: I won't get on the #TrumpTrain - but I will give him a shot. I think I'll stay on the Liberty Train and we can hook up when we agree. Fair?	1	2	give him a shot	Him	Trump	2		7	Fair?	#TrumpTrai n	Trump	2		2	4	4			6
4 3 9	@amandacarpenter Amanda, you were #NeverTrump. That means NEVER. You're on the other side of the table with the libs negotiating now	1	1 0	you were #NeverTrump. That means NEVER	Amanda	Twitter user	2								2	2				6
4 4 0	I don't take my money from the government, the government takes my money from me #TrumpTrain	1	1 0	the government takes my money from me	government	Establishme nt	2								2	2				2
4 4 1	#ToledoTrumpProtest this Saturday at 5:30pm. We're awake. We're pissed. We're not going to submit. #lovetrumpshate	1	1 5	We're pissed. We're not going to submit.	#ToledTrump Protest	Trump	2								2	1		pissed		1
4 4 2	RT @pdacosta: High school memory rekindled by #Trump victory: Go back to your country and pick some coffee beans." I was born in Massachusetts.	1	1 0	Go back to your country and pick some coffee beans.	#Trump	Trump	2		1 3				1		2	2	2			1
4 4 3	Don't worry. Trump's aides took away his Twitter account. Now, he's getting the nuclear codes. #trump	1	1	he's getting the nuclear codes	#trump	Trump	2								1	2				1

ID	Text																			
444	Ok Mr. #Trump show us your power and regain the name of America stop those thugs #Assad and his supporters from killing children in #Syria	1	2	show us your power	#Trump	Trump	2		3	those thugs #Assad and his supporters from killing children in #Syria	#Assad	Assad	2		2	2	2	killing	thugs; killing	2
445	@realDonaldTrump #trump please reconsider climate change. We only have one spaceship Earth. Preserve it for our children.	1	2	please reconsider climate change.	#trump	Trump	2		13	We only have one spaceship Earth	#trump	Trump	2	only	2	4	2			6
446	Y'all wanted #wikileaks to go after #Trump? They go after whoever's in power. Careful what you wish for next time...	1	10	Y'all wanted #wikileaks to go after #Trump	Y'all	Trump protesters	2		12	Careful what you wish for next time	you	Trump protesters	2		2	2	2			6
447	RT @Divalizzous: ICYMI: #Trump just attacked the 1st am. If you're not concerned, I suggest u take a look at how authoritarianism happens. #NotMyPresident	1	10	authoritairianism	@Divalizzous	Twitter user	2		3	#NotMyPresident; authoritarianism	#Trump	Trump	2		2	2	2	authoritarianism	authoritarianism	1
448	RT @AnthonyRucc: Would Hillary supporters be mad about the electoral vote system if she won? Hypocritical. #TRUMP	1	7	Would Hillary supporters be mad about the electoral vote system if she won?	Hillary supporters	Clinton supporters	2		3	Hypocritical	Hillary supporters	Hillary supporters	2		2	2	2		Hypocritical	2
449	RT @SupermanHotMale: Can't wait until #Trump brings back all those clothing manufacturing jobs HE sent to China...	1	2	Can't wait until	#Trump	Trump	2		10	HE sent to China	#Trump; HE	Trump	2		1	2	2			1
450	do all of u idiots burning the flag not realize that u would be executed in 2.5 pulling that crap in other countries? #freedom #NEVERTRUMP	1	10	not realize that u would be executed in 2.5 pulling that crap in other countries?	idiots burning the flag	Trump protesters	2		15		idiots burning the flag	Trump protesters	1		2	2	2	crap; idiots		1
451	I am so glad to be able to live in a country where I have the right to protest what I know to be wrong.	1	14	I am so glad	a country	America	2	so	10	protest what I know to be wrong.	#lovetrumphate	election Trump	2		2	5	2	glad	wrong	4

	#lovetrumpshate #strongertogether																			
452	I'm all for civil protest but no violence and stop burning the flag. You'll only make more enemies to the cause #notmypresident #trump	1	12	I'm all for civil protest	protest	protesters	2	all	10	but no violence and stop burning the flag. You'll only make more enemies		protesters	2		2	4	2	all for	violence; enemies	1
453	Abusive, racist, arrogant, narcicisstic, intolerant, aggressive men with a godcomplex are dangerous (worldwide). #stopabuse #nevertrump	1	3	Abusive, racist, arrogant, narcicisstic, intolerant, aggressive men with a godcomplex	#nevertrump	Trump	2		12	are dangerous	men with a godcomplex	Trump	2		2	1	2	Abusive, racist, arrogant, narcicisstic, intolerant, aggressive		1
454	Racists excited about a wall? Are they all going to build it? Play with Legos. It will get it out of ya system #trump #trumpprotest	1	3	Racists excited about a wall	Racists	Trump supporters	2		10	Play with Legos. It will get it out of ya system	Racists	Trump supporters	2		2	2	2	racists		1
455	@luhanWho keep making this country divided. Hope you and all the pc people finally realize they are hypocrites and shut the fuck up #trump	1	2	hope you; finally realize	you and all the pc people	Trump and pc people	2	finally	3	hypocrites	you and all the pc people	Trump and the pc people	2		2	4	2	hope	hypocrites	1
456	People preach #lovetrumpshate yet they are spreading hate themselves #ironic	1	10	spreading hate themselves	people	#LoveTrumpsHate users	2								1	2		hate		6
457	@twitter please let us know if that deadbeat @realDonaldTrump pays advertising bill to you! #dirtydonald #dumptrump #notmypresident #fraud	1	2	please let us know	@realDonaldTrump	Trump	2		3	#dirtydonald #dumptrump #notmypresident #fraud	#dumptrump	Trump	2		2	4	2		#dirtydonald #dumptrump #fraud	1

No.	Tweet																				
458	RT @idreamofgoodgov: @thepoliticalcat @TheSecondDarrin I don't know but I think #nevertrump would work well since it's easy and established.	1	12	I don't know but I think	#nevertrump	Trump	2								2	4					6
459	Any else notice how incredibly uncomfortable #Trump was in the #ovaloffice .Almost caved in on himself.Realized he's playin with big kids.	1	7	Any else notice how incredibly uncomfortable	#Trump	Trump	2								2	2		uncomfortable		1
460	#HIllary lost because she is a greedy criminal. This century we already suffered from housing & financial crisis NO MORE |President #Trump	1	3	a greedy criminal	#Hillary	Clinton	2		15	NO MORE	housing & financial crisis	Establishment	2	already	2	2	1	greedy; criminal	crisis	2
461	A country run by #trump, still safer than owning a #SamsungGalaxyNote7	1	12	still safer than owning	#SamsungGalaxyNote7	Samsung Galaxy Note	2								1	4		safer		6
462	RT @EUAreKidding: #Trump is not far right, #YvetteCooper, Not even close. It is because of people like you he won. You still just don't get it. #bbcqt	1	15	is not far right, not even close	#Trump	Trump	2	even	10	You still just don't get it.	@EUAreKidding	Twitter user	2	still	2	2	2			6
463	RT @SRSpero: If #Trump wasn't always dominating the headlines with bullshit, we'd be able to have the dialogue on #Brangelina our nation so badly needs.	1	10	If #Trump wasn't always dominating the headlines with bullshit	#Trump	Trump	2		12	the nation so badly needs	#Brangelina	Brad Pitt & Angelina Jolie	2	badly	1	2	2			1
464	Have you even gone to a party with low expectations and ended having an AWESOME time? That will be anti-trump in 4 years. #TRUMPRIOT #Trump	1	12	That will be	#Trump	Trump	2		2	AWESOME time		Trump	2		2	4	5		AWESOME	2
465	The media called him a racist.|The media called him a bigot.|The media said he wouldn't win.|Common denominator? #MakeAmericaGreatAgain	1	10	The media called him a racist.|The media called him a bigot.|The media said he wouldn't	The media	Media	2								2	2		racist; bigot; denominator		2

#	Text																		
	win.|Common denominator?																		
466	You'd never see #republicans burning flags or rioting & commiting crimes cause we didn't get our way. Just sayin. #MakeAmericaGreatAgain	1	10	You'd never see #republicans burning flags or rioting.	rioting	protesters	2								2	2	rioting		2
467	can't stop laughing at all the hooligans who think protesting will somehow magically reverse the results of the election #trumptrain	1	14	can't stop laughing	hooligans	protesters	2		10					1	2	4	2	laughing		2
468	@justinbaldoni congrats to a wonderful compassionate family. You will do great things. You're inspirational. #lovetrumpshate	1	11	congrats; wonderful compassionate family; great things; inspirational.	family	Trump	2	wonderful; great							2	5	congrats wonderful; compassionate family; inspirational.		2
469	It's a moment of pure and evil darkness. Let's become the light they took from our nation of what should be peace and love. #LoveTrumpsHate	1	13	moment of pure and evil darkness	moment	election Trump	2	pure	2	Let's	Let's	Americans	2		2	1	4	pure and evil darkness	light; peace and love	1
470	It seems to me that 1/2 the States love #Trump & 1/2 the States + most of World hates him. Wonder how he feels or if he cares.	1	12	It seems to me	#Trump	Trump	2		7	Wonder how	he	Trump	2		2	3	3			6
471	I voted only for #Trump and Greens. but 2018, I'm just gonna vote Republican b/c virtue signaling has got to stop.	1	12	virtue signaling has to stop	Republican	Republicans	2		10	has got to stop			2		2	4	2		stop	2
472	.@Macys HAS DUMPED ALL DONALD TRUMP MERCHANDISE FROM ALL ITS STORES & WEBSITE!|RT SO THEY DUMP THE MELANIA TRUMP CRAP TOO!!|#DumpTrump	1	14	DUMPED ALL DONALD TRUMP MERCHANDISE FROM ALL ITS STORES & WEBSITE	@Macys	Macy's	2		2	SO THEY DUMP	MELANIA CRAP	Melania Trump	2		2	5	5			1

ID	Tweet			Phrase 1	Target 1a	Target 1b				Phrase 2	Target 2a	Target 2b						Word 1	Word 2	
473	#Trump 'reaching out' to heal the wounds (he created) like the apology of an abusive partner. Meaningless/insulting. #thedrum	1	10	reaching out' the wounds (he created)	#Trump	Trump	2		3	meaningless /insulting; like the apology of an abusive partner	#Trump	Trump	2		2	2	2	wounds	meaningless/ insulting; abusive	1
474	@realDonaldTrump people whose pals wanna roll back others' marital and reproductive rights don't get to use the word Unfair. #neverTrump	1	10	roll back others' marital and reproductive rights	people whose pals	Trump	2		15	don't get to use the word unfair	people whose pals	Trump and 'pals'	2		2	2	2			1
475	@ChristopherJM It is a good time for #Trump to appeal to the protesters. A leader of all Americans would do that.	1	12	It is a good time	#Trump	Trump	2								2	4		good		6
476	Uh last I checked rioting in the streets,breaking windows and starting fires isn't a show of LOVE.THE HYPOCRISY IS PATHETIC #LoveTrumpsHate	1	15	breaking down windows and starting fires isn't a show of LOVE.	rioting	protesters	2		3	THE HYPOCRISY IS PATHETIC	rioting	protesters	2		2	2	1		HYPOCRISY, PATHETIC	4
477	So #LoveTrumpsHate... unless its trump because you only love people who hate trump, but your slogan means you hate hate.. so you love Trump?	1	5	so you love Trump	#LoveTrumpsHate	#LoveTrumpsHate users	2								2	2				6
478	@realDonaldTrump Grow the fuck up, you hideous little man-child. You wanted the fucking job! Start acting like you can do it. #Trump #Whimp	1	15	Grow the fuck up; You wanted the fucking job! Start acting like you can do it.	#Trump	Trump	2		3	you hideous little man-child	#Trump	Trump	2	hideous	2	1	1	fuck; fucking	hideous little man-child	1
479	@realDonaldTrump I forgot to Congratulate you on your Election Victory. Congratulations President Elect. #MakeAmericaGreatAgain	1	11	Congratulate you on your Election Victory	@realDonaldTrump	Trump	2		14	Congratulations President Elect	@realDonaldTrump	Trump	2		2	4	4	congratulate	congratulations	2
480	RT @JenJamesBeauty: Good point @Deanofcomedy. #Trump called Hillary Clinton a bigot, but	1	11	would never say that about	#Trump	Trump	2								2	4				2

ID	Text																				
	he would never say that about #DavidDuke. His supporters stay tuned in.																				
481	#TRUMP was disrespectful from the day he decided to run for office, but protesting his disrespectfulness is disrespectful? #wtf	1	3	disrespectful	#TRUMP	Trump	2		10	disrespectfulness; disrespectful	#TRUMP	Trump	2		2	2	2	disrespectful	disrespectfulness	4
482	@cher - please look into pressuring the electors to choose Hillary on dec 19. It legal and plausible! #stillwithher #dumptrump	1	2	please look into	Hillary	Clinton	2								2	4				4
483	Come on North Carolina! Get out and vote. The only way to change this voter suppression is to fight back! #ImWithHer #NeverTrump #VoteBlue	1	2	Come on; Get out and vote.	North Carolina	North Carolina	2		12	The only way to change this	voter suppression	election Trump	2		2	4	4			4
484	#Trump surrogates are in oh holy shit mode" What r we gonna do 4 work. Trump ain't gonna pay you! Bwahhhhhhhh	1	10	holy shit mode	#Trump surrogates	Trump supporters	2		7	What r we gonna do	#Trump surrogates	Trump supporters	2		2	2	2	holy shit		1
485	RT @GeorgeMonbiot: Yes, I know the US system, corrupted by money and lobbying, is a mockery of democracy. But #Trump threatens to take that much, much further.	1	3	corrupted by money and lobbying, is a mockery of democracy.	the US system	America	2		1	threatens to take that much, much further	#Trump	Trump	2	much, much	2	2	2	corrupted; mockery	threatens	1
486	Is it surprising to anyone that the 2 biggest cheats in the NFL are voting for Trump? #Patriots #SpyGate #DeflateGate #NeverTrump	1	7	Is it surprising to anyone?	2 biggest cheats	?	2		10	cheats	2 biggest cheats	?	2		2	2	2		cheats	6
487	RT @tamstar63: If you are sick of lies n scandal n want truth n justice #Vote4TrumpPence !|#Trump2016|#TrumpPence2016 |#TrumpPence16|#AmericaFirst|#MAGA	1	3	sick of lies n scandal		Clinton	2		2	truth n justice	#Vote4TrumpPence	Trump and Pence	2		2	2	4	sick; lies; scandal	truth; justice	2

ID	Tweet			Phrase1	Mention1	Norm1				Phrase2	Mention2	Norm2						Word1	Word2	
488	@WIRED you running a paid campaign with disinformation. Snowden trapped the likes of her husband #Clinton. So, she is to be feared. #trump	1	10	you running a paid campaign with disinformation	@WIRED	WIRED	2		1	So, she is to be feared.	#Clinton	Clinton	2		2	2	2	disinformation	feared	6
489	@FoxNews @seanhannity @HillaryClinton Good thing I am not voting for her or #Trump, then. I don't want either representing me. #independent	1	12	Good thing I am not voting	either; @HillaryClinton; #Trump	Trump and Clinton	2		10	I don't want either		Trump and Clinton	2		2	4	2	good		5
490	RT @girlsreallyrule: Melania Trump pledges to tackle online bullying as First Lady. She should START AT HOME. #NeverTrump #NeverMelania #ImWithHer	1	15	She should START AT HOME	Melania Trump	Melania Trump	2								2	2				1
491	In-person voting has begun in NH. God Bless America. It's my faith in Him and Jesus Christ that will get me through. #MakeAmericaGreatAgain	1	2	It's my faith in Him and Jesus Christ that will get me through.	Him and Jesus Christ	god	2		11	God Bless America	America	America	2		2	4	4	faith	Bless	2
492	@realDoanldTrump #wow so this is @GOP winning strategy #VoterSupression? #sad - this is why #republicans will lose! #trump is #racist!	1	10	#Voter Supression?	@GOP	Republicans	2		3	#racist	Trump	Trump	2		2	2	2	#sad	#racist	1
493	@AnnCoulter Baloney.|#Trump couldn't care less about Appalachia or rural Kansas. He has no concern for militia types or urban cab drivers	1	10	couldn't care less; no concern	#Trump	Trump	2								2	2				1
494	Longtime political organizer, Hillary stole Primary. Polls, votes #Rigged. Real numbers close, or favor #Trump. Hillary stealing General.	1	3	stole Primary.Polls, votes #Rigged.; stealing General	Hillary	Clinton	2		12	real numbers close; favor	#Trump	Trump	2		2	2	2	Stole; #Rigged		2
495	IF #trump wins the first economy that is going to affect is the #USA economy, I think the entire world is going to reject him.	1	1	the first economy that is going to affectis the	#trump	Trump	2		12	I think the entire world is going to reject him	him	Trump	2	entire	2	2	2		reject	6

				#USA economy																
496	It's officially Election Day (on the east coast anyway). Make sure Trump hears your voice loud and clear. #NeverTrump #ImWithHer #vote	1	2	Make sure	Trump	Trump	2								2	4				4
497	RT @bsned: #ImVotingBecause for the first time in history, the most qualified candidate happens to be a woman. #LoveTrumpsHate #imwithher	1	12	#ImVotingBecause	#imwithher	Clinton	2	the most							2	5		the most qualified		4
498	#NeverTrump Is like Ohio State fan watching Notre Dame playing Michigan. You hate Michigan so much you root for Notre Dame. Hillary is MI	1	15	hate Michigan so much you root for Notre Dame	Michigan	Michigan	2	so much							2	1		hate		6
499	@HillaryClinton You got the first win of #ElectionDay in Dixville Notch, NH First in the Nation" #strongertogether #lovetrumpshate"	1	11	first win of #ElectionDay	@HillaryClinton	Clinton	2								2	4		win		4
500	RT @caracummins_: If you don't vote tomorrow, it's a vote for her. Get out and vote!! #MakeAmericaGreatAgain	1	10	if you don't vote tomorrow, it's a vote for her.	her	Clinton	2		2	Get out and vote!!		Americans	2	!!	2	2	4			2
501	RT @TRUTH_USA_2016: @TeamTrumpTeX Across the great state of #PA we're #Trump solid. Philly, tricky but we got great fighters out there pullin #Trump!	1	2	we're #Trump solid.	#Trump	Trump	2		11	great fighters out there	great fighters	Trump supporters	2		2	4	4	solid	great	2
502	RT @usbubba: #ImVotingBecause #Trump can build a 1400 foot tall steel building and #Hillary can't tie two Kleenex together.	1	10	#Hillary can't tie two Kleenex together	#Hillary	Clinton	2		11	can build a	#Trump	Trump	2		2	2	4			2
503	We cannot take a fundamental principle of the Constitution and turn it against a citizen. -Cap.	1	10	We cannot take a fundamental principle of	#NoTrump	Trump	2								2	2				4

	Jean Luc Picard #ImVotingBecause #NoTrump			the Constitution and turn it against a citizen																
504	Election Day America. Do what's right. Keep criminals out of Washington. #Trump #MakeAmericaGreatAgain	1	2	Keep criminals out of	criminals	Clinton	2		3	Keep criminals out of Washington	criminals	Clinton	2		2	4	2		criminals	2
505	#ImVotingBecause we cannot let #Trump be #POTUS #ImWithHer	1	12	we cannot let	#Trump	Trump	2								2	2				4
506	I can't wait for #HillaryClinton to be #president the racist kkk and nazis can go back to the caves they crawled out from like loser #trump	1	2	I can't wait	#HillaryClinton	Clinton	2		3	the racist kkk and nazis; like loser #trump	kkk and nazis	nazism	2		2	4	2		racist kkk and nazis; loser	4
507	Thrilled tomorrow is Nov 8th but also terrified at the same time. Let's make sure we all #DUMPTRUMP|#ImWithHer	1	1	terrified at the ame time	Nov 8th	Election day	2		2	Let's make sure we all	#DUMPTRUMP	Trump	2	all	2	2	4	terrified		4
508	#ImVotingBecause We can't let Don the Con destroy our democracy! #NeverTrump #latinosforhillary #StrongerTogether #latinactive	1	12	We can't let	#NeverTrump	Trump	2		3	Don the Con	#NeverTrump	Trump	2		2	2	2	destroy	the con	4
509	Hey, @DrStrange! What are you doing Tuesday? Can you put #Trump in the mirror dimension so he can't do any harm to the real world?	1	1	harm to the real world	#Trump	Trump	2								2	2		harm		1
510	@AnnCoulter Hmmm.... four grandparents born in the US and they all say #Trump and Ann Coulter are stupid ass bitches.	1	10	four grandparents born in the US	@AnnCoulter	Ann Coulter	2		15	stupid ass bitches.	#Trump and @AnnCoulter	Trump and Coulter	2		2	2	2		stupid ass bitches	1
511	Hey Folks Vote Early & Vote Often #MakeAmericaGreatAgain #CorruptHillary #2ADefenders #LegalizeIt	1	2	Vote Early & Voten Often	Folks	Americans	2		3	#CorruptHillary	#CorruptHillary	Clinton	2		2	4	2		#CorruptHillary	2

ID	Tweet			Segment	Target	Entity		Extra		Segment 2	Target 2	Entity 2		Extra 2						
512	@Cernovich I'll be in PA popping a bottle of bubbly with you!! #Trump It's gonna be a crazy day at the polls!! Whoo hoo! #VoteTrump #America	1	2	I'll be popping a bottle of bubbly;	#Trump	Trump	2	!!	14	It's gonna be a crazy day at the polls!! Whoo hoo!	#Trump	Trump	2	!! Whoo hoo	2	5	5		Whoo hoo	2
513	RT @ShortyGorham: EVERY VOTE COUNTS. Be damn sure that we ALL show up tomorrow to vote @realDonaldTrump #MakeAmericaGreatAgain #NeverKillary	1	12	EVERY VOTE COUNTS	@realDonaldTrump	Trump	2	EVERY ; ALL	2	Be damn sure that we ALL	@realDonaldTrump	Trump	2		2	5	4			2
514	It amazes me that people at #Trump rallies ears don't hurt from such total garbage he spews and spews. Are they deaf? @realDonaldTrump	1	5	amazes	people at #Trump rallies	Trump supporters	2		3	such total garbage he spews and spews	@realDonaldTrump	Trump	2	total	2	2	1		garbage; spews	1
515	It is officially the election day in US. I've done my part by making African immigrants understand why they should vote for #Trump. GO VOTE!	1	12	I've done my part by; why they should	African immigrants	African immigrants	2								2	4				2
516	#trump says, you can't drink the water in flint, well.. the reason is simple, the fucking plants are polluting the water you idjit!	1	15	fucking plants are polluting the water you idjit	#trump	Trump	2								2	2		fucking; idjit		1
517	The heads of Ford, GM and Chrysler are very keen on moving the auto industry back to Michigan if that's what Donny wants. #trump	1	10	if that's what Donny wants	Donny; #trump	Trump	2								1	2				6
518	RT @queeennnnnn_b: i dont care who you are, if your under investigation you shouldn't be able to run for president. #MakeAmericaGreatAgain	1	10	you shouldn't be able to run for president.	you	Clinton	2								2	2				2
519	@AnnCoulter all 4 of my grandparents were born here. #NeverTrump Is this for real or are you just trolling the internet?	1	10	Is this real or are you just trolling the internet	@AnnCoulter	Ann Coulter	2		5	Is this for real	@AnnCoulter	Ann Coulter	2		2	2	2	trolling	trolling	6
520	@HillaryClinton @Beyonce History? Margaret Thatcher made history. Hillary will only made excuses.	1	10	Hillary will only make excuses.	@HillaryClinton	Clinton	2		reg	I regret		Clinton	2		2	2	2			2

	make excuses I regret yada yada" #MakeAmericaGreatAgain								ret											
5 2 1	It is so important to vote. SO PLEASE DO IT! It's so easy and you get a fun sticker after! #ImWithHer #trumpcannotwin #lovetrumpshate	1	1 2	It is so important to vote.		Americans	2		2	SO PLEASE DO IT!		Americans	2	!	2	4	5	important		4
5 2 2	RT @RaymondTubbWGXA: #Trump : Cars were made in Michigan & you couldn't drink water in Mexico. Now cars made in Mexico & you can't drink water in Flint MI.	1	1 0	Now cars made in Mexico	#Trump	Trump	2								2	2				2
5 2 3	RT @NormalMattQ: Dear USA. Good luck. To my American friends....I have a spare room in Australia if worse comes to worse. #dumptrump #USElections2016	1	2	Good luck	USA	America	2		1	worse comes to worse	#dumptrump	Trump	2		2	4	2	luck	worse	1
5 2 4	I can't believe it. Today is November 8th. Today is the day that we, the American people, and @realDonaldTrump #MakeAmericaGreatAgain.	1	2	Today is the day	@realDonaldTrump; the American people	Trump and Americans	2								2	4		great		2
5 2 5	RT @Miguellaress: I do NOT support Donald Trump unfollow me block me do whatever you like I don't give a flying fuck #nevertrump	1	1 2	I do NOT support	Donald Trump	Trump	2		4	I don't give a flying fuck			2		2	2	1	NOT	flying fuck	1
5 2 6	.@KurtEichenwald THANK YOU SO MUCH FOR tweeting/posting the findings of your #Trump investigations published in @Newsweek!!!	1	9	THANK YOU SO MUCH	@KurtEichenwald	Twitter user	2	SO MUCH							2	5		THANK		6
5 2 7	#GaryJohnson though you should be ashamed for not knowing where #aleppo is, if you end up helping #NeverTrump I will be forever grateful	1	1 0	you should be ashamed for not knowing	#GaryJohnson	Gary Johnson	2		9	grateful	#GaryJohnson	Gary Johnson	2	forever	2	2	5	ashamed	grateful	1

528	Thank God no more having to listen the hateful ðŸ•Š man. Still lying, selfish man!#GoodbyeTrump #LoveTrumpsHate	1	6	no more having to listen the hateful man	Trump	Trump	2		3	still lying, selfish man	Trump	Trump	2	still	2	4	1		lying; selfish	1
529	#Trump promising the people of Michigan their motoring industry back and just about anything he can think of and they really believe him,lol	1	5	they really believe him, lol	#Trump	Trump	2		10		#Trump	Trump	1		2	2	2			1
530	Listen AND LEARN: Love #Trump 's hate!!|@HillaryClinton #ImWithHer @realDonaldTrump	1	12	Listen AND LEARN		Americans	2								2	4				4
531	Herr #Trump says he's a great businessman.He's never proven it with his taxes. Only thing we know is he lost over $900mil in 1 year|@MSNBC	1	10	He's never proven it with his taxes.	Herr #Trump	Trump	2								2	2				1
532	RT @busybusybees: WHY is #Hillary out at 1:00 AM campaigning? She MUST be SCARED! #RiggedPolls #RiggedMedia #RiggedSystem||#Trump|#MAGA	1	3	#RiggedPolls #RiggedMedia #RiggedSystem	#RiggedPolls #RiggedMedia #RiggedSystem	polls	2								2	2			#RiggedPolls #RiggedMedia #RiggedSystem	2
533	If you plan on voting for Hillary go ahead and unfollow me before I unfollow you. #Trump4Prez #MakeAmericaGreatAgain	1	10	unfollow me before I unfollow you	Hillary	Clinton	2								2	2			unfollow	2
534	@faiyazasm It is understandable dat #Trump will uproot your brothers in arms #ISIS so Islamic Terrorist sympathizers rooting #CrookedHillary	1	3	#CrookedHillary	#CrookedHillary	Clinton	2								2	2			#CrookedHillary	6
535	We all know that #Hillary might not an angel, but we also know that #Trump is the devil for USA. #USElections2016 #ImVotingBecause	1	1	we also know that #Trump is the devil for USA.	#Trump	Trump	2		10	We all know that	#Hillary	Clinton	2		2	2	2	devil		4

536	I hope the people decide to #MakeAmericaGreatAgain and vote for @realDonaldTrump but I'd be lying if I didn't say I was worried	1	2	I hope	@realDonaldTrump	Trump	2		1	I'd be lying if I didn't say I was worried		Elections	2		2	4	2		worried	2
537	#LatinosForTrump is like jews for hitler, blacks for kkk, I don't get it. America is diversity! #Election2016 #LoveTrumpsHate #DontBooVote	1	10	I don't get it.	#LatinosForTrump	Trump supporters	2		12	America is diversity!	America	America	2		2	2	4	kkk		1
538	Get some sleep....wake up early and vote trump #makeamericagreatagain #draintheswamp	1	2	wake up early and vote trump	trump	Trump	2		3	#draintheswamp		Clinton	2		2	4	2		#draintheswamp	2
539	Please, whatever you do, do NOT vote for that misoginistic, racist, woman hating loser *cough cough* #NeverTrump	1	3	misoginistic, racist, woman hating loser	#NeverTrump	Trump	2		1	Please	#NeverTrump	Trump	2		2	1	2	misoginistic; racist; hating		1
540	Trump is going to do it. He has little actual policy argument but by god he is a good presenter. #Trump	1	12	he is a good presenter	#Trump	Trump	2		2	Trump is going to do it.	Trump	Trump	2		2	4	4	good		2
541	TIME 2 VOTE IM SIC OF #GOOGLE BEEPS CLICKS AS IM GETTING 2MOVE ON MY #IPHONE #TRUMP I SIC IF THE #OBAMA ADMINISTRATION	1	15	IM SIC OF; I SIC IF	#GOOGLE BEEPS; #OBAMA ADMINISTRATION	Obama; Google notifications	2								2	1		SIC		2
542	@FleurduMonde @Harlan @hillary Yep! Leave it to us women to save the nation. #NeverTrump	1	12	Leave it to us	women	Clinton	2		2					1	2	4	4	save		4
543	Guys I'll be honest the only reason I want #Hillary for President is because I don't want #Trump building a gigantic wall...	1	1	I don't want #Trump building a gigantic wall…	#Trump	Trump	2								2	2				4
544	I know you won a war so you didn't have to listen to a brit, but please think about this. |You deserve better than #Trump |#Election2016	1	12	You deserve better	#Trump	Trump	2		1					1	2	2	2			1

ID	Tweet																			
5 4 5	Hey USA! Please make the right decision! #germanyforhillary #IAmwither #HillaryClinton #LoveTrumpsHate	1	2	Please make the right decision	#HillaryClinton	Clinton	2									2	4		right		4
5 4 6	I know I'm not the only anxious one re #2016election. We cannot let this perverted sexist lunatic racist become the next US pres #NoTrump	1	1	anxious; we cannot let	#NoTrump	Trump	2		3	perverted sexist lunatic racist	#NoTrump	Trump	2		2	2	1	anxious	perverted sexist lunatic racist	1
5 4 7	RT @TrumpNation22: Who are you voting for? Let's get both liberals and conservative people in this vote. Retweet||#Hillary or #Trump||#TrumpFBIcodeName	2																			
5 4 8	Last chance to help prevent disaster #NeverTrump conservatives, Republicans, and @Calgunsdotnet. Vote Trump tomorrow and deny #Clinton	1	1	Last chance to help prevent disaster	#Clinton	Clinton	2		2	Vote Trump tomorrow	Trump	Trump	2		2	2	4	disaster		2
5 4 9	@tattoosandbones vote trump and STOP THE F'ing CORRUPTION #Trump #StopCorruption	1	1 5	STOP THE F'ing CORRUPTION		Clinton	2		3	THE F'ing CORRUPTION; #StopCorruption		Clinton	2		2	1	1	STOP THE F'ing CORRUPTION	THE F'ing CORRUPTION; #StopCorruption	2
5 5 0	#ImVotingBecause I want my nieces and nephews to know that #LoveTrumpsHate and evil CAN be defeated.	1	2	evil CAN be defeated	#LoveTrumpsHate	Clinton	2		1 3	EVIL		Trump	2		2	2	4		EVIL	1
5 5 1	@HillaryClinton No I'm sorry but we need a wall so we can get our jobs back. You suck! Cant wait for u to lose! #MAGA3X #Election2016 #Trump	1	3	You suck!	@HillaryClinton	Clinton	2	!	2	Cant wait for u to lose	@HillaryClinton	Clinton	2	!	2	1	5	suck		2
5 5 2	RT @Miranvangilder: Everyone that's of age better be voting tomorrow #TRUMP	1	1 2	better be voting	Everyone that's of age	Americans	2	everyone								2	4				2

5 5 3	@clodma0202 @mitchellvii I'm in #Cali too. I'm stressed the hell out in this dump of s state. I vote #Trump tomorrow, first thing!	1	1	I'm stressed the hell out		Election day	2	the hell out	3	this dump of s state	#Cali	California	2		2	2	2	stressed; hell	dum p	2
5 5 4	@kurteichenwald @teddyschleifer @JenniferJJacobs #Trump wouldn't know the truth if it sat on the squirrel vacationing on his head!	1	1 0	#Trump wouldn't know the truth	#Trump	Trump	2								2	2				1
5 5 5	Everybody tomorrow is Election day!! Whoever can, family members, neighbors go out and vote for trump!! We need a strong president! #TRUMP	1	1 2	We need a strong president!	#TRUMP; trump	Trump	2	!	2	Whoever can; go out and vote for trump!!	Whoever can	Americans	2	!!	2	5	5	strong		2
5 5 6	RT @BorealBohemian: I'm watching #MarthaAndSnoop cook together, and #Trump is running for president... what alternate universe did I walk into??	1	1 3	what alternate universe did I walk into??	#Trump	Trump	2	??	5	what alternate universe did I walk into??		Elections	2	??	2	1	1			1