Meaning and usage variation of feminine and womanly in American literary history.
A corpus based case study

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Meaning and usage variation of *feminine* and *womanly* in American literary history: A corpus based case study

*Lavinia Ferm*

1. Research

The original aim for this case study was to look at how two synonymous lexemes, *feminine* and *womanly*, have varied in meaning over time in both British and American literature and also, to see if there was a difference in the usage of the lexemes depending on whether the author was male or female. As can be read in Lyons (1995: 60), lexemes like *feminine* and *womanly* would be called near-synonyms in linguistic semantics, which means that they are very similar but not entirely identical in meaning. This particular difference is what this study will try to discover.

All of the examples containing the lexemes were to be collected from an online corpus based on the American and British literary history. However, as the research proceeded, it was found impossible to include any British examples, since the lack of the occurrences of the lexemes in British literature was too great. Furthermore, there were not as many decades to make use of in the British corpus as in the American corpus and because of that, the original question would not have been able to be looked into. This will be explained in more detail in the following section. Therefore, that question was omitted and what was left were the meaning variation and the gender-usage variation in American literature over a period of time, starting from the early 19th century until the late 20th century.

2. Method

The data for this study was to amount to five hundred examples containing the two lexemes. Half of the examples with *feminine*, divided into both American and British dialects and the other half with *womanly*,
also in both American and British dialects. Furthermore, each half should then be divided into even numbers by decade. Ultimately there should have been approximately seven examples in each decade for both lexemes.

As mentioned above, the data was collected from an online corpus, i.e. Mark Davies Corpus.¹ The corpus includes, among others, The Corpus of Historical American English (COHA) and The British National Corpus (BNC), from where the original data was to be collected. The COHA consisted quite accurately of the desired time period, however the BNC did not and it was at this stage that problems started to occur. In order to try to solve these issues, the idea of creating a new corpus from scratch came to mind.

This process was done by downloading eBooks by British authors from the requested period of time on the Project Gutenberg website.² After the majority of the data had been downloaded, the text editing program BBEdit was used to search for the lexemes in each eBook. When only very few occurrences were found in over two hundred books it was obvious that the first aim for the case study was not going to work. The decision to make was whether to stick to the original plan, with the adjustment of not paying much attention to detail to the decades, since there were not many different decades in the BNC. Alternatively, to simply stick to the original plan, only without the British examples altogether. The latter seemed a better option in order to be able to get as much out of the analysis as possible.

When this was decided, the data collection could begin. All of the examples were then taken from the COHA, starting from year 1830 to 1999. Since the British examples were omitted and there were only American ones left, the amount of numbers per decade had to be doubled.

The next step was to copy every example and paste them into BBEdit and then into a Word document so that they could be sorted and cleaned. In the cleaning procedure, only the best examples were chosen to be part of the upcoming analysis. Around ten to fourteen examples per decade and lexeme were selected based on how understandable they were. After the examples had been cleaned, they were put into an Excel file where the analysis was to be done. The analysis was the most time-consuming process of this study.

¹ http://davies-linguistics.byu.edu/personal/
² http://www.gutenberg.org/wiki/Main_Page
3. Analysis

When beginning with the analysis, several different variables were added to the coding schema in order to analyze different features of the two lexemes. The variables were chosen based on what information was found in the examples. Most of the variables had a linguistic connection but there were also a few extralinguistic dimensions, such as Decade and Author as we will see below.

What follows in this section is a more detailed explanation of each variable, together with every feature that was found for each category.

3.1. Lexeme

The column named Lexeme consisted of the two main words for this study, namely feminine and womanly. There were 270 occurrences of the word feminine and 229 of womanly. The reason that there were less occurrences with womanly was because there were less examples containing that word in the corpus.

3.2. Year

In this column were all the specific publication years for every literary work. As mentioned, the years extended from 1830 to 1999 for both lexemes. For some decades, it was not possible to find as many examples as for other decades. That is why, in the data set, there are fewer examples for some of the decades.

3.3. Decade

Here the specific years from the previous subsection were divided into decades in order to make it more coarse grained.
3.4. Century

The decades were then categorized into centuries instead, to make it even more coarse grained. What remained were the 19\textsuperscript{th} and the 20\textsuperscript{th} centuries. In the end, there were 210 occurrences from the 19\textsuperscript{th} century and 289 occurrences from the 20\textsuperscript{th} century.

3.5. Author

In this column, the gender of the author was established. To be able to find out the sex, the example taken from the corpus was copied into Google Books where the results showed whether it was a male or a female writer. The number of male authors amounted to 342 occurrences while the number of female authors was much lower, i.e.157 occurrences. This could be seen as a predictable result since it has always been more common with male authors than with female ones in history.

3.6. Word Class

Here the word class of the lexemes was distinguished. Since both lexemes are adjectives, the distinction between attributive and predicative adjective was made. Even though the vast majority of the features in this column were either attributive (most cases) or predicative adjectives, two occurrences of the word class “noun” were also found. A case when the adjectives feminine or womanly can be used as nouns is that of when they are used as nominalized adjectives or as personifications. These examples can be found in the coding schema under the heading Word Class.

3.7. Polarity

The polarity of the lexemes could be either positive or negative. In most cases, the polarity was established to positive, but there were occurrences with negative polarity as well.
3.8. Collocation

In the collocation-variable, different syntactic structures regarding the lexemes were looked upon. The features found in the first column of collocation were of great variety and number. These will not be included in this section because of the large number but can be viewed in the appended analysis.

3.9. Collocation 2

The features from the first collocation category were grouped into fewer features by renaming most of the already existing categories to names, which suited more than just one feature. The table below shows the features in this variable and the table after it explains what the abbreviations stand for. As we can tell from the table, the lexemes are most often followed by a noun, which is relevant since adjectives are the most common modifiers to nouns. The features marked in bold are the ones with most occurrences, where prepositions with feminine had the highest number.

*Table 1. Second level of features in Collocation variable*

<table>
<thead>
<tr>
<th>Collocation 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>adj_F</td>
<td>F_Noun</td>
</tr>
<tr>
<td>adj_F_Noun</td>
<td>ind.art_F_Noun</td>
</tr>
<tr>
<td>adj_W</td>
<td>ind.art_W_Noun</td>
</tr>
<tr>
<td>adj_W_Noun</td>
<td><strong>prep_F</strong></td>
</tr>
<tr>
<td>adv_F</td>
<td>prep_W</td>
</tr>
<tr>
<td>adv_F_Noun</td>
<td>pronoun_F_Noun</td>
</tr>
<tr>
<td>adv_W</td>
<td><strong>pronoun_W_Noun</strong></td>
</tr>
<tr>
<td>def.art_F_Noun</td>
<td>V_F</td>
</tr>
<tr>
<td>def.art_W_Noun</td>
<td>V_W</td>
</tr>
<tr>
<td>det_F_Noun</td>
<td>W_Noun</td>
</tr>
</tbody>
</table>
In Collocation 3, all the features from Collocation 2 were kept except for the fact that the lexeme was deleted from the collocation. This was done in order to make it easier to see if the different word classes grouped together with a collocation containing the same word class in the upcoming Correspondence Analysis. The features are demonstrated below in the table.

Table 2. Third level of features in Collocation variable

<table>
<thead>
<tr>
<th>Collocation 3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>adj</td>
<td>det_Noun</td>
</tr>
<tr>
<td>adj_Noun</td>
<td>pronoun_Noun</td>
</tr>
<tr>
<td>adv</td>
<td>Noun</td>
</tr>
<tr>
<td>adv_Noun</td>
<td>prep</td>
</tr>
<tr>
<td>def.art_Noun</td>
<td>V</td>
</tr>
<tr>
<td>ind.art_Noun</td>
<td></td>
</tr>
</tbody>
</table>

3.11. Subjecthood

In this category, the position of the phrase, in which the lexeme occurred, was determined. The most common position and clause element was the Direct Object position, which had 197 occurrences. Second most common was the Adverbial position, i.e. when the phrase containing the lexeme
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was used as an adverbial in the clause. The other features were Subject, Subject Predicative and Object Predicative. The last-mentioned only occurred three times, for instance like in this example: “It made me look more womanly”. In the following list, all of the clause elements are stated with their corresponding number of occurrence.

- Direct Object 197
- Adverbial 110
- Subject 99
- Subject Predicative 90
- Object Predicative 3

3.12. Verb

As for the first column of collocation, there was a great variety of verbs found in the first verb column. They were then duplicated and narrowed down to a second and third column. Therefore will the original verbs not be included in this section either because of the large number, but can be viewed in the appended analysis.

3.13. Verb 2

In the second verb column, all of the original verbs were grouped into the following features listed below. As we can see the verbs expressing some kind of action were the most frequent ones. Some categories are similar in the sense that some verbs could qualify for more than one category. For example, some motion verbs and achievement verbs could be seen as action verbs, depending on how they are looked upon. That is true for state verbs and cognition verbs as well. For this study, they were divided in this way because it seemed most convenient. With the motion verbs for instance, only the verbs that require a movement were included. In the list, we can see how many occurrences there were of each feature and a sample verb from each.

- Action verbs 166 answer
- Copular verbs 144 be
- State verbs 73 want
- Emotion verbs 43 resent
3.14. Verb 3

Here, the features from the previous verb column were narrowed down to either ‘event’ or ‘state’ verbs. The features renamed to ‘event’ verbs were those of action, achievement and motion. The remaining features were included under ‘state’ verbs.

3.15. Emphasis

The features in this variable were only two, ‘emphatic’ or ‘non emphatic’. Most examples were used with no emphasis, although there were cases with emphasis as well.

3.16. Meaning

The meaning of the lexemes was determined intuitively by the nearest synonym. Where the lexeme was feminine, the most appropriate synonym was ‘womanly’ and where the lexeme was womanly, the most appropriate synonym was ‘feminine’. This could be seen as quite obvious since they are their closest synonyms. In very few cases, neither of the two synonyms were convenient, so other equivalents for the lexemes were used instead. The synonym ‘graceful’ occurred eight times and ‘delicate’ had three occurrences.

3.17. Axiology

The different features in this category were three: ‘neutral’, ‘negative’ and ‘positive’. Neutral was the most common, since positive and negative were only used when it was very clear that it should be one of the two.
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3.18. Humor

In all of the examples, there was not a single case where the lexemes were used in a humorous sense. The lack of humor when talking about something feminine or womanly could be seen as an indication that the lexemes are two serious words and are for that reason not often used with humor.

3.19. Theme

Since Theme is another variable that was duplicated into fewer features, the first column contained a great number of different themes. These will not be included here but can be viewed in the appended analysis.

3.20. Theme 2

After having duplicated the first Theme column, the features remaining are shown in the table on the following page. ‘Appearance’ was the most common feature, followed by ‘femininity’, ‘feelings’ and ‘way of being’. Examples with the features of ‘femininity’ and ‘way of being’ are demonstrated below, where the first one represents the one for ‘femininity’. The fact that these features are the most frequent ones is interesting considering what lexemes are being investigated in this study. It is probably quite natural that when talking about something feminine or womanly, things having to do with appearance, feelings or femininity are often mentioned.

The feature ‘misc’ stands for miscellaneous and contains all the features that did not fit into any other category. The rest of the features are relatively straightforward, hence they should not need any further explanation. Otherwise, they can be found in more detail in the coding schema.

(1) a. "Her feminine instinct was to spare the Dean."
   b. "She's quite feminine in many ways."


Table 3. Second level of features in Theme variable

<table>
<thead>
<tr>
<th>Theme 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>action</td>
<td>life</td>
</tr>
<tr>
<td>appearance</td>
<td>misc</td>
</tr>
<tr>
<td>education</td>
<td>opinions</td>
</tr>
<tr>
<td>feelings</td>
<td>relationships</td>
</tr>
<tr>
<td>femininity</td>
<td>things</td>
</tr>
<tr>
<td>interactions</td>
<td>way of being</td>
</tr>
</tbody>
</table>

3.21. Theme 3

The features from Theme 2 were further divided into Theme 3 with even fewer features. The largest of those was the one about things having to do with people, which indicates that when talking about something feminine or womanly the referent is most often a person, which makes ‘people’ the core meaning. The other features in this column were: ‘states’, ‘situations’ and ‘miscellaneous’.

3.22. Referent 1 Medium

In this variable, all of the referents were divided into smaller categories. Below we can see a list of all the remaining features. The feature for ‘characteristics’ had most occurrences followed by ‘people’.

- Activity
- Aesthetic
- Appearance
- Behavior
- Body Parts
- Characteristics
- Clothing
- Emotion
- Interaction
- Material things
- Miscellaneous
- People
3.23. Referent 1 Type

Before having divided the original referents into the previous variable, they were divided into Referent 1 Type. Here the distinction between abstract and concrete things was made, as well as between human specific or generic, although no examples with human generic was found in this factor. Altogether there were 259 occurrences for abstract things, 163 occurrences for concrete things and 77 for human specific.

3.24. Referent 2 Medium

This variable serves the same purpose as Referent 1 Medium, except that it contains information about Referent 2 and not 1. Since Referent 2 is much more rare, there were fewer features for this variable as well as many NAs (non-applicable), which means that in those cases there did not exist a Referent 2 at all. Apart from the NAs, which represented the majority of the occurrences, the other features were ‘appearance’, ‘miscellaneous’ and ‘person’.

3.25. Referent 2 Type

As for Referent 1 Type, this variable’s function was to make a distinction between abstract and concrete things and for human specific or generic. Most of the existing referents in this variable were human specific, although two cases with human generic were found. There were also occurrences with abstract and concrete things and typically, for Referent 2, a great number of NAs.

3.26. Referent 1 Gender

Here, the gender of Referent 1 was determined. If there was a Referent 1 and it was human, it was mostly a female, as predictable considering the two lexemes. Only four occurrences were found where the referent was male. The rest and also the majority of the cases, were stated as non-applicable.
3.27. Referent 2 Gender

For Referent 2 Gender, the outcome was very similar to the one for Referent 1 Gender. The only difference was that the numbers for the different features were slightly higher in this variable.

3.28. Referent Mix

In this variable, Referent 1 and 2 Type were mixed in order to create a Referent Type variable without any NAs. This was done by duplicating the Referent 2 Type variable and replacing every NA with the feature in the Referent 1 Type variable. The result can be viewed in the coding schema.

4. Results

In order to try to answer the questions stated in the first section of this case study, several different statistical models were done in the program R. The ones with the most relevant results are represented in this section.

The techniques of Correspondence Analysis and Logistic Regression were used to provide the best outcome. Correspondence Analysis is used to identify relations in the data. As Glynn (2010: 8) points out, the Correspondence Analysis shows what features are related to each other, by grouping them closely together in the plot. The other technique, Logistic Regression, tests probability and the accuracy of the results. If the prediction in the model is correct, it can be assumed that the analysis has managed to apprehend the variation in the data (Glynn 2010: 12). Below follows five plots of Correspondence Analysis and two Logistic Regression models containing significant results with adherent descriptions after the plots.
4.1. Correspondence analysis

*Figure 1*. Lexeme, Author and Referent 1 Medium

Figure 1 seeks to show if different genders use a specific lexeme to refer to something special. As we can see in the lower right of the plot, male authors tend to use referents about characteristics and emotion but also interaction, even though it is found a bit further away from everything else. That is just an indication, in this case, that there were not that many examples when the referent was about interaction. The same goes for clothing in the upper left corner, although it is located more closely to female authors. Female authors are also closely connected to activity, aesthetic and material things.

What is interesting is that body parts, appearance and behavior are found right in the middle of the two genders, which means that both equally use them as referents. The two lexemes are also found in between the genders, although a bit closer to male authors since there were more examples with male than with female authors.

Another interesting aspect of this plot is that people is found in the middle of the two lexemes. This means that when the topic of conversation is something *feminine* or *womanly*, the referent is most often a person, which makes people the underlying core meaning of the lexemes. The same conclusion was drawn when discussing Theme 3 earlier.
In figure 2, the individual lexemes were removed to get a clearer result on what referents were used in which decade. The variables involved are hence, Decade and Referent 1 Medium. This plot only contains examples with the lexeme feminine, whereas the next plot we will look at only contains examples with womanly and the next after that is a mixture of both. This was done to see how much the referents differed depending on the decade and lexeme.

What we can tell from this plot is that the lower part contains almost every decade from the 20th century and especially connected are the 1990s with the feature of appearance. In addition, the feature of interaction seems to be linked quite closely to the 1940s. The typical features of the 20th century are then: appearance, body parts, people and interaction. Although also emotion and material things, even though they are not as clear since they are found further up in the center of the plot.

The middle of the plot and upwards belongs to the 19th century. Typical features connected to the 19th century are: behavior, characteristics (especially linked with the 1850s), aesthetic and clothing. Activity and miscellaneous are not as clear as for where they belong.
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Figure 3. Decade and Referent 1 Medium (only womanly examples)

As mentioned, figure 3 only contains examples with womanly. Comparing it to the previous plot where the same variables were examined, there are a few differences. The right side of the plot belongs mostly to the 19th century, while the left hand side consists of the 20th century. As we can see, ‘appearance’ is also here closely linked with the 1990s.

The features connected to the 20th century are pretty much the same in this plot as in the previous one, with the exception for ‘interaction’, which seems to be closer to the 19th century here. Other differences in the 19th century are that ‘activity’ clearly belongs there and is located between the 1850s and the 1870s. This is interesting since it was located very near the 1860s in the previous plot, although quite near the 20th century as well. Otherwise, the rest of the features for the 19th century are the same as in the previous plot.
By looking at figure 4, which is a mixture of the two plots above, we can see that the outcome of mixing the two is very relevant considering how the other plots looked like. This plot though, resembles more the one where only feminine examples were included and this could be because there were more of those examples altogether.

The right hand side shows features from the 20th century and the left hand side from the 19th century. The features from the 20th century are the exact same ones from the first plot where only feminine examples were looked at. As in that plot, ‘emotion’ and ‘material things’ are also found in the center, closely linked with the 1950s but also near the 19th century. Overall, this plot looks almost the same as the first one did.
This plot is trying to show what the different genders tend to write about, i.e. what theme is typical for which gender. As we can tell from the plot, there are clear differences in usage between male and female authors. On the right side of the plot, we can see that female authors are related to the features of life, opinions and especially relationships since it is found much further away from everything else. The features of education and feelings are located in between the two genders, with the exact distance to both, which means that they are used equally often by both.

Male authors and the feature of appearance are found written on top of each other, which means that they are very closely linked. Male authors also seem to write about ‘femininity’, ‘way of being’ and ‘actions’. The latter one also found further away. The features of interactions and things are also spread over the plot. ‘Things’ especially, is found the furthest away at the bottom of the plot. Since the distance to the word male is a bit closer, it means that male authors use it as a theme more often than female authors do. The same goes for ‘interactions’. Although it is harder to distinguish its distance to the genders in this case, we can see that it leans more towards the left side of the plot that belongs to male authors.
4.2. Logistic Regression

We will now look at two Logistic regression models. After each model follows a description of what was found.

Coefficients:

|                       | Estimate | Std. Error | z value | Pr(>|z|) |
|-----------------------|----------|------------|---------|----------|
| (Intercept)           | -0.1573  | 0.3448     | -0.456  | 0.6483   |
| Authormale            | -0.4394  | 0.2096     | -2.096  | 0.0361 * |
| Ref1_mediumaesthetic  | 0.3770   | 0.7820     | 0.482   | 0.6297   |
| Ref1_mediumappearance | 0.6376   | 0.4873     | 1.308   | 0.1908   |
| Ref1_mediumbehavior   | 0.8297   | 0.4867     | 1.705   | 0.0883 . |
| Ref1_mediumbody_parts | 0.3196   | 0.4823     | 0.663   | 0.5075   |
| Ref1_mediumcharacteristics | 0.7948       | 0.3742     | 2.124   | 0.0336 * |
| Ref1_mediumclothing   | -15.1627  | 544.9037   | -0.028  | 0.9778   |
| Ref1_mediumemotion     | 0.6142   | 0.4397     | 1.397   | 0.1625   |
| Ref1_mediuminteraction | -0.9203  | 0.6471     | -1.422  | 0.1549   |
| Ref1_mediummaterial_things | -1.0532     | 0.6455     | -1.632  | 0.1027   |
| Ref1_mediummisc        | -0.3159  | 0.4898     | -0.645  | 0.5189   |
| Ref1_mediumpeople      | 0.3879   | 0.4024     | 0.964   | 0.3350   |

---

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 651.40  on 470 degrees of freedom
Residual deviance: 609.82  on 458 degrees of freedom
AIC: 635.82

Number of Fisher Scoring iterations: 14

In this model, the response variable used was Lexeme, i.e. either feminine or womanly. The column to the far left contains the different variables that were put into the analysis. The stars or dots to the right indicate how significant the variables are in terms of distinguishing the Lexeme. The closer the numbers in the column to the right are to zero, the more probable it is that the results would be the same or even better if the model were done all over again (Glynn, 2010: 13). As we can see, there are only two stars and one dot altogether, for male authors and for referents about characteristics and behavior. This means that those are the significant variables in the model. The probability for both male authors and characteristics is approximately 97 % chance that the result is accurate and would predict the same if the model were to be done again.

From the estimation column to the left, we can tell that the characteristics features are more important than the male authors features because it has a higher number, although they are both very low. The minus sign before a number tells us that it has to do with the lexeme feminine and without the minus sign it has to do with womanly. Hence, ‘characteristics’ have to do with the lexeme womanly.
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Frequencies of Responses

<table>
<thead>
<tr>
<th>feminine</th>
<th>womanly</th>
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<tr>
<td>249</td>
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<table>
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<td>Ref1_medium=behavior</td>
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<td>0.4898 -0.65 0.5189</td>
</tr>
<tr>
<td>Ref1_medium=people</td>
<td>0.3879</td>
<td>0.4024 0.96 0.3350</td>
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</tbody>
</table>

The C-value marked in bold can be regarded as a kind of percentage (Glynn, 2010: 13). In this case, it is not that high, approximately 65 ?. It should be over 80 % to be a good result. The C-value for this model means either that there is not a big difference in the meaning of the two lexemes, or the analysis is inaccurate or simply that there is not enough data in order to get better and more accurate results.

Although there are significant differences, they are just not important differences since the numbers in the estimation column are very low. The R² is also very low, which means that this model is not so powerful for predicting. The number 0.113 indicates that there was variation in the data that the model does not explain.
Lavinia Ferm

Coefficients:

| Coefficient               | Estimate | Std. Error | z value | Pr(>|z|) |
|---------------------------|----------|------------|---------|----------|
| (Intercept)               | 1.564067 | 0.734720   | 2.129   | 0.03327 *|
| Ref1_mediumaesthetic      | -0.366365| 0.808883   | -0.453  | 0.65060  |
| Ref1_mediumbehavior       | -0.209999| 0.524805   | -0.400  | 0.68905  |
| Ref1_mediumbody_parts     | 0.816518 | 0.499319   | 1.635   | 0.10199  |
| Ref1_mediumcharacteristics| -0.008049| 0.444540   | -0.18   | 0.85555  |
| Ref1_mediumclothing       | 0.272503 | 0.305614   | 0.894   | 0.374286 |
| Ref1_mediumemotion        | 0.374158 | 0.367122   | 1.018   | 0.30986  |

Ref1_mediuminteraction 2.239085 0.810721 2.762 0.00575 **
Ref1_mediummaterial_things 0.510408 0.554632 0.920 0.35743
Ref1_mediummisc 0.965544 0.516086 1.871 0.06136 .
Ref1_mediumpeople 0.177892 0.648754 0.274 0.78393
Ref.mixR1.thing_abstract -1.833434 0.667208 -2.748 0.00600 **
Ref.mixR1.thing_concrete -1.490918 0.685501 -2.175 0.02964 *
Ref.mixR2.hum_spec -1.890090 0.634932 -2.917 0.00391 **
Ref.mixR2.thing_abstract -1.480137 0.969089 -1.527 0.12667
Ref.mixR2.thing_concrete -1.644067 0.926626 -1.774 0.07602 .

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24 on 470 degrees of freedom
Residual deviance: 577.60 on 454 degrees of freedom
AIC: 611.6

Number of Fisher Scoring iterations: 4

For this model, Century was used as response variable, i.e. 19th and 20th centuries, where the negative figures represent the 19th century. Referent 1 Medium and Referent Mix were the other two variables included. As we can see from the stars, the significant features in this model are:

- Referent 1 Medium – appearance, interaction and miscellaneous
- Referent Mix – R1 thing abstract and concrete, R2 human specific and thing concrete

Where there are two stars, the chance that it is chance is very low, showed by the low percentage and the probability is nearly 100% that the results would be the same if the analysis were repeated. Where there is only one star or dot, the probability value is still very good.

The most important feature in the estimation column is the one for interaction. The number 2.23 tells us that this feature was very important in the 20th century, which can be confirmed by looking at the plots containing Decade and Referent a few pages back. Also ‘miscellaneous’ and ‘appearance’ were important features of the 20th century. The features belonging to Referent Mix were all more important in the 19th century, especially ‘R2 human specific’ as we can tell by the high number. Hence, in contrast to the previous model, this model actually shows important differences between the centuries.
Meaning and usage variation of feminine and womanly

Frequencies of Responses
1800s 1900s
194 277

<table>
<thead>
<tr>
<th>Obs</th>
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<th>Deriv</th>
<th>Model</th>
<th>L.R.</th>
<th>d.f.</th>
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</table>

<table>
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<th>R²</th>
<th>Brier</th>
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</thead>
<tbody>
<tr>
<td>0.187</td>
<td>0.163</td>
<td>0.213</td>
</tr>
</tbody>
</table>

The C-value for this model is a bit higher than in the previous one, although still not high enough to say that the results were more than 50% better than chance.

The R² is also quite low here, which means that this too is not a powerful model for predicting.

5. Summary

What this case study was going to explore, was if the meaning of two near synonyms, feminine and womanly, has changed over a period from the 19th to the 20th century in American literature. In addition, to find out if male and female authors use the lexemes differently. In order to do this, five hundred examples were collected from a corpus of literature containing these two lexemes.

After deciding what variables were to form a coding schema and be examined, the analysis could begin. The lexemes were analyzed according to the variables in the coding schema, which produced a variety of features in each variable. Once this process was finished, the data were
ready to be tested in order to see if an answer could be found to the
questions mentioned in the introduction of this study.

In order to get results, the data were put into a statistical program, R,
where two different techniques were used to provide the best outcome,
Correspondence Analysis and Logistic Regression. The plots and models
selected in this study represent the most relevant and best results. As can
be seen by looking at the previous pages, differences in meaning and
usage of the lexemes and also usage variations between sexes have been
found over the two centuries.

In the 19th century, the lexemes were used more when talking about a
person and its qualities, personality, behavior and emotions. While in the
20th century, the lexemes were more associated with appearance, body
parts, people and interactions. Hence it could be said that two centuries
ago, the focus was more on the internal qualities of a person, when in the
20th century the internal part had developed into an external part, meaning
that the outside of a person had become more important than the inside.
This change seems quite normal when considering how the world is
today, where being attractive physically has become a very important part
in many people’s lives all over the world.

When it comes to differences in usage between male and female
authors, we can establish that there were certain variations in how the
lexemes have been used. Male authors use the lexemes when writing
about characteristics, emotions and interactions. While female authors use
the lexemes more when talking about material things, activities, aesthetics
and clothing. However, both genders use the lexemes when referring to
appearance, behavior, body parts and people. The latter also proved to be
the core meaning when talking about something feminine or womanly.
Apart from that revelation, the lexemes seem to have been used quite
similarly over the two centuries, hence the constant referent to the
lexemes as one. The most distinct difference that was found, was that the
lexeme feminine tends to be used more when describing appearance and
the like, whereas womanly is more often used when describing a person’s
qualities.

Due to lack of space and time for this particular study, further
investigations could not be made. Although, an interesting continuation
could be to look at the genders of the authors and the lexemes separately,
to see if an even more clear and accurate result of the differences in usage
would present itself.
Meaning and usage variation of feminine and womanly

References

Davies, M. http://davies-linguistics.byu.edu/personal/ Last accessed (April 2011)


R version 2.12.2 (2011-02-25)
> data <- read.table(file.choose(), header=T)
> summary(data)

<table>
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<tr>
<th>Lexeme</th>
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<th>Decade3</th>
<th>Dialect</th>
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<td>womanly:229</td>
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<td>Max.:1999</td>
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</table>

Author Word_Class Polarity Collocation

| female:157 | Att_adj:406 | negative:45 | adj_F_N.sing:43 |
| male:342   | Noun:2 | positive:454 | pronoun_W.N.sing:33 |
| Pred_adj:91 | of_F.N.sing:29 |           | |

Collocation2 Subjecthood Verb Verb2

| prep_F:59 | Adverbial:110 | be:122 | action_verbs:166 |
| pronoun_W.Noun:57 | Direct.Object:197 | have:33 | copular_verbs:144 |
| adj_F.Noun:50 | Object_pred:3 | look:11 | state_verbs:73 |
| prep_W:48 | Subject:99 | see:6 | emotion_verbs:43 |
| ind.art_W.Noun:33 | Subject_pred:90 | seem:6 | achievement_verbs:39 |
| pronoun_F.Noun:29 | smile:6 | motion_verbs:20 |

Verb3 Emphatic Dictionary_Meaning Axiology

| come_across:1 | Emph:59 | delicate:3 | negative:20 |
| event_verbs:225 | Non_emph:440 | feminine:231 | neutral:411 |
| state_verbs:273 | graceful:8 | positive:68 |
| womanly:257 |

Humour | Theme | Theme2

| Non_Hum:499 | physical_appearance:59 | appearance:82 |
| female:157 | femininity:77 |
| way_of_being:45 | feelings:73 |
| miscellaneous:43 | way_of_being:71 |
| female_traits:27 | miscellaneous:50 |
| description:24 | action:35 |

| situations:58 | instinct:11 | your:7 |
| situations:1 | woman:10 | his:3 |
| states:113 | dignity:9 | body:2 |

Ref2_Type Ref1_Gender Ref2_Gender Ref.mix

| R2.hum_gen:2 | R1.fem:66 | R2.fem:97 | R1.hum_spec:77 |
| R2.hum_spec:112 | R1.male:4 | R2.male:6 | R1.thing_abstract:167 |
| R2.thing_abstract:11 | R2.hum_gen:2 | R2.hum_spec:111 |
| R2.thing_concrete:12 | R2.thing_abstract:11 | R2.thing_concrete:12 |

> data <- read.table(file.choose(), header=T)
> summary(data)

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</table>

mcatab <- mca(data, abbrev = T)
Error: could not find function "mca"

The downloaded packages are in /var/folders/bG/b0Q6ngOVQHUEY66ondU++++TTI/-Tmp-/Rtmp16WuJP/downloaded_packages
> data <- read.table(file.choose(), header=T)
> summary(data)

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<tr>
<th>Lexeme</th>
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<td>1930s:31</td>
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</table>
> library(pvclust)
> mcatab <- mca(data, abbrev = T)
> plot(mcatab, rows = F, col = 1)
> plot(mcatab, rows = F, col = 1)
> data <- read.table(file.choose(), header=T)
> summary(data)

Lexeme                Ref1_Type
feminine:270   R1.hum_spec      : 77
womanly :229   R1.thing_abstract:259
             R1.thing_concrete:163
> mcatab <- mca(data, abbrev = T)
> plot(mcatab, rows = F, col = 1)
> data <- read.table(file.choose(), header=T)
> summary(data)

Lexeme                Decade2            Ref1_medium
feminine:270   1890s  : 35   characteristics:130
womanly :229   1880s  : 34   people         : 81
             1970s  : 34   emotion        : 49
             1910s  : 31   activity       : 41
             1930s  : 31   body_parts     : 35
             1850s  : 30   misc           : 34
(Other):304   (Other)        :129
> mcatab <- mca(data, abbrev = T)
> plot(mcatab, rows = F, col = 1)
> data <- read.table(file.choose(), header=T)
> summary(data)

Lexeme                Decade3            Ref1_medium
feminine:270   1800s:210   characteristics:130
womanly :229   1900s:289   people         : 81
               1970s:34   emotion : 49
               1910s:31   activity : 41
               1930s:31   misc   : 38
               1850s:30   body_parts : 35
(Other):304   (Other) :125
> summary(data)

Lexeme                Decade3            Ref1_medium
feminine:270   1800s:210   characteristics:130
womanly :229   1900s:289   people : 81
               emotion : 49
               activity : 41
               misc   : 38
               body_parts : 35
(Other) :125
> summary(data)
mcatab <- mca(data, abbrev = T)
data <- read.table(file.choose(), header=T)
summary(data)

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data <- read.table(file.choose(), header=T)
summary(data)

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mcatab <- mca(data, abbrev = T)
data <- read.table(file.choose(), header=T)
summary(data)

| Decade2      | |
|--------------||
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| womanly:229  | 1880s:34 |
|              | 1970s:34 |
|              | 1910s:31 |
|              | 1930s:31 |
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data <- read.table(file.choose(), header=T)
summary(data)

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mcatab <- mca(data, abbrev = T)
data <- read.table(file.choose(), header=T)
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mcatab <- mca(data, abbrev = T)
data <- read.table(file.choose(), header=T)
summary(data)

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mcatab <- mca(data, abbrev = T)
plot(mcatab, rows = F, col = 1)

data <- read.table(file.choose(), header=T)
summary(data)

Lexeme               Theme3          Author
feminine:270   misc : 61   female:157
womanly :229   people :266   male :342
situations: 59
states :113

mcatab <- mca(data, abbrev = T)
plot(mcatab, rows = F, col = 1)
data <- read.table(file.choose(), header=T)
summary(data)

Collocation2          Ref1_medium
prep_F        : 59   characteristics:130
pronoun_W_Noun: 57   people : 81
adj_F_Noun    : 50   emotion : 49
prep_W        : 48   activity : 41
ind.art_W_Noun: 33   misc : 38
pronoun_F_Noun: 29   body_parts : 35
(Other)       :223   (Other) :125
mcatab <- mca(data, abbrev = T)
plot(mcatab, rows = F, col = 1)
data <- read.table(file.choose(), header=T)
summary(data)

Collocation3          Ref1_medium
prep_F        : 59   characteristics:130
pronoun_W_Noun: 57   people : 81
adj_F_Noun    : 50   emotion : 49
prep_W        : 49   activity : 41
ind.art_W_Noun: 33   misc : 38
pronoun_F_Noun: 29   body_parts : 35
(Other)       :222   (Other) :125
mcatab <- mca(data, abbrev = T)
plot(mcatab, rows = F, col = 1)
plot(mcatab, rows = F, col = 1, xlim=c(-.02,.06),ylim=c(-.07,.04))
> summary(data)
  Word_Class
  Att_adj :406
  Noun : 2
  Pred_adj: 91
> data <- read.table(file.choose(), header=T)
> summary(data)
  Collocation
  prep_F : 59
  pronoun_W_Noun: 57
  adj_F_Noun : 50
  prep_W : 49
  ind.art_W_Noun: 33
  pronoun_F_Noun: 29
  (Other) :222
> data <- read.table(file.choose(), header=T)
> summary(data)
  Subjecthood
  Adverbial :110
  Direct.Object:197
  Object_pred : 3
  Subject : 99
  Subject_pred : 90
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> summary(data)
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  action_verbs :166
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  copular_verbs :144
  emotion_verbs : 43
  motion_verbs : 20
  state_verbs : 73
> data <- read.table(file.choose(), header=T)
> summary(data)
  Emphatic
  Emph : 59
  Non_emph:440
> data <- read.table(file.choose(), header=T)
> summary(data)
  Meaning
  delicate: 3
  feminine:231
  gracefui:  8
  womanly :257
> data <- read.table(file.choose(), header=T)
> summary(data)
  Axiology
  negative: 20
  neutral :411
  positive: 68
> data <- read.table(file.choose(), header=T)
> summary(data)
  Theme2
  appearance : 82
  femininity : 77
  feelings : 73
  way_of_being: 71
> data <- read.table(file.choose(), header=T)
> summary(data)
  Theme3
  misc : 61
  people :266
  situations: 59
  states :113
> data <- read.table(file.choose(), header=T)
> summary(data)
  Lexeme         Year          Decade     Century       Author
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  womanly :229   1st Qu.:1875   1880s  : 34   1900s:289   male  :342
  Median :1913   1970s  : 34
  Mean   :1914   1910s  : 31
  3rd Qu.:1956   1930s  : 31
  Max.   :1999   1850s  : 30
  (Other):304
  Word_Class      Polarity             Collocation          Collocation2
  Att_adj :406   negative: 45   adj_F.N.sing : 43   prep_F : 59
  Noun : 2   positive:454   pronoun_W.N.sing: 33   pronoun_W.Noun: 57
  Pred_adj: 91   of_F.N.sing : 29   adj_F.Noun : 50
             ind.art_W.N.sing: 21   prep_W : 49
             of_W.N.sing : 20   ind.art_W.Noun: 33
def.art_F_N.sing: 19  pronoun_F_Noun: 29
(Other) :134 (Other) :222
Collocation3 Subjecdhood Verb Verb2
prep :108 Adverbial :110 be :122 achievement_verbs: 40
pronoun_Noun: 86 Direct.Object:197 have : 33 action_verbs :166
adj_Noun : 71 Object_pred : 3 look : 11 cognition_verbs :13
ind.art_Noun: 53 Subject : 99 see : 6 copular_verbs :144
Noun : 48 Subject_pred : 90 seem : 6 emotion_verbs : 43
def.art_Noun: 46 smile : 6 motion_verbs : 20
(Other) : 87 (Other):315 state_verbs : 73
Verb3 Emphatic Meaning Axiology Humor
come_across: 1 Emph : 59 delicate: 3 negative: 20 Non_Hum:499
event_verbs:225 Non_emph:440 feminine:231 neutral :411
state_verbs:273 graceful: 8 positive: 68
ownnally :257

Theme Theme2 Theme3 Ref1
physical_appearance: 59 appearance : 82 misc : 61 she : 34
female_qualities : 45 femininity : 77 people :266 nature : 16
way_of_being : 45 feelings : 73 situations: 59 voice : 12
misc : 43 way_of_being : 71 states :113 instinct : 11
female_traits : 27 misc : 50 woman : 10
description : 24 action : 35 dignity : 9
(Other):125 (Other):111
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characteristics:130 R1.hum_spec : 77 R2.NA :362 appearance: 8
people : 81 R1.thing_abstract:259 her : 61 misc : 15
emotion : 49 R1.thing_concrete:16 she : 17 person :114
activity : 41 your : 7 R2.NA :362
misc : 38 his : 3
body_parts : 35 body : 2
(Other):125 (Other):47
Ref2_Type Ref1_Gender Ref2_Gender Ref.mix
R2.hum_gen : 77 RG1.fem : 66 RG2.fem : 97 R1.hum_spec : 67
R2.hum_spec :112 RG1.male: 4 RG2.male: 6 R1.thing_abstract:167
R2.thing_abstract: 11 R2.thing_concrete: 12
R2.thinst: 14

> summary(data)
Lexeme Year Decade Century Author
feminine:270 Min. :1830 1890s : 35 1800s:210 female:157
womanly :229 1st Qu.:1875 1880s : 34 1900s:289 male:206
(Other):304
Word_Class Polarity Collocation Collocation2
Att_adj :406 negative: 45 adj_F_N.sing: 43 prep_F :59
Noun : 2 positive:454 pronoun_W_N.sing: 33 pronoun_W_Noun: 57
Pred_adj : 91 of_P_N.sing : 11 ind.art_W_Noun: 29
ind.art_Noun: 53 Subject : 99 of_W_N.sing: 20
Noun : 48 Subject_pred : 90 seem : 6 emotion_verbs : 43
def.art_Noun: 46 smile : 6 motion_verbs : 20
(Other):127 (Other):315
Collocation3 Subjecdhood Verb Verb2
prep :108 Adverbial :110 be :122 achievement_verbs: 40
pronoun_Noun: 86 Direct.Object:197 have : 33 action_verbs :166
adj_Noun : 71 Object_pred : 3 look : 11 cognition_verbs :13
ind.art_Noun: 53 Subject : 99 see : 6 copular_verbs :144
Noun : 48 Subject_pred : 90 seem : 6 emotion_verbs : 43
def.art_Noun: 46 smile : 6 motion_verbs : 20
(Other):315 state_verbs : 73
Verb3 Emphatic Meaning Axiology Humor
come_across: 1 Emph : 59 delicate: 3 negative: 20 Non_Hum:499
event_verbs:225 Non_emph:440 feminine:231 neutral :411
state_verbs:273 graceful: 8 positive: 68
ownnally :257

Theme Theme2 Theme3 Ref1
physical_appearance: 59 appearance : 82 misc : 61 she : 34
female_qualities : 45 femininity : 77 people :266 nature : 16
way_of_being : 45 feelings : 73 situations: 59 voice : 12
misc : 43 way_of_being : 71 states :113 instinct : 11
female_traits : 27 misc : 50 woman : 10
description : 24 action : 35 dignity : 9
(Other):125 (Other):47
Ref1_medium Ref1_Type Ref2 Ref2_medium
characteristics:130 R1.hum_spec : 77 R2.NA :362 appearance: 8
people : 81 R1.thing_abstract:259 her : 61 misc : 15
emotion : 49 R1.thing_concrete:16 she : 17 person :114
activity : 41 your : 7 R2.NA :362
> LogReg_glm <- glm(lexeme ~ Ref1_medium + Author + Decade, data = data, family = "binomial")
Error in eval(expr, envir, enclos) : object 'lexeme' not found
> LogReg_glm <- glm(Lexeme ~ Ref1_medium + Author + Decade, data = data, family = "binomial")
Error in eval(expr, envir, enclos) : object 'Ref1_medium' not found
> LogReg_glm <- glm(Lexeme ~ Ref1_medium + Author + Decade, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Lexeme ~ Ref1_medium + Author + Decade, family = "binomial",
      data = data)

Deviance Residuals:
Min       1Q   Median       3Q      Max
-1.7052  -1.0808  -0.6011   1.1031   2.2380

Coefficients:
                       Estimate Std. Error z value Pr(>|z|)
(Intercept)            -0.42431    0.51924  -0.817   0.4138
Ref1_mediumaesthetic    0.17188    0.77407   0.222   0.8243
Ref1_mediumappearence   0.88773    0.51510   1.723   0.0848 .
Ref1_mediumbehavior     0.98469    0.49818   1.977   0.0481 *
Ref1_mediumbody_parts   0.28100    0.49591   0.567   0.5710
Ref1_mediumcharacteristics 0.73777    0.38304   1.926   0.0541 .
Ref1_mediumclothing     0.28100    0.49591   0.567   0.5710
Ref1_mediumemotion      0.69115    0.45510   1.519   0.1288
Ref1_mediuminteraction  0.80830    0.66448   1.216   0.2238
Ref1_mediummaterial_things 1.08762    0.65436   1.662   0.0965 .
Ref1_mediummisc         -0.24626    0.49065  -0.502   0.6157
Ref1_mediumpeople       0.52324    0.41277   1.268   0.2049
Authormale              -0.44387    0.21516  -2.063   0.0391 *
Decade1840s              0.06110    0.55440   0.110   0.9122
Decade1850s              0.75017    0.55812   1.344   0.1789
Decade1860s              0.62725    0.57897   1.083   0.2786
Decade1870s              0.15216    0.55842   0.272   0.7852
Decade1880s              0.79583    0.54804   1.452   0.1465
Decade1890s              0.36015    0.54247   0.664   0.5068
Decade1900s              0.03174    0.57899   0.055   0.9563
Decade1910s              0.52221    0.55697   0.938   0.3484
Decade1920s              0.38123    0.58973   0.646   0.5180
Decade1930s              0.05723    0.55409   0.103   0.9177
Decade1940s              0.20181    0.58564  -0.345   0.7304
Decade1950s              0.35241    0.59604  -0.591   0.5544
Decade1960s              0.07039    0.55842   0.124   0.9012
Decade1970s              0.10307    0.55333  -0.183   0.8551
Decade1980s              0.22429    0.58613   0.383   0.7020
Decade1990s              0.46313    0.60324  -0.768   0.4426

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 688.39 on 498 degrees of freedom
Residual deviance: 630.28 on 470 degrees of freedom
AIC: 688.28

Number of Fisher Scoring iterations: 14

> LogReg_lrm <- lrm(Lexeme ~ Ref1_medium + Author + Decade, data = data, x=T, y=T)

Logistic Regression Model

lrm(formula = Lexeme ~ Ref1_medium + Author + Decade, data = data, 
    x = T, y = T)

Frequencies of Responses

<table>
<thead>
<tr>
<th>feminine</th>
<th>womanly</th>
</tr>
</thead>
<tbody>
<tr>
<td>270</td>
<td>229</td>
</tr>
</tbody>
</table>

Obs Max Deriv Model L.R. d.f. P C Dxy
499 0.002 58.11 28 7e-04 0.689 0.379
Gamma Tau-a R2 Brier
0.382 0.189 0.147 0.222

Coef  S.E.  Wald Z P
Intercept -0.42431 0.5192 0.82 0.4138
> LogReg_glm <- glm(Century ~ Ref1_medium + Author, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Century ~ Ref1_medium + Author, family = "binomial",
data = data)

Deviance Residuals:
       Min        1Q   Median        3Q       Max
-2.0154 -1.0696   0.6791   1.0209   1.5583

Coefficients:  Estimate Std. Error z value Pr(>|z|)
(Intercept)         -0.11765   0.33397  -0.352  0.72462
Ref1_medium=aesthetic  0.74420   0.77496   0.960   0.3369
Ref1_medium=appearence   1.16367   0.53240   2.186   0.02884 *
Ref1_medium=behavior     0.37844   0.47239   0.801   0.42306
Ref1_medium=body_parts   0.70620   0.48119   1.468   0.14221
Ref1_medium=characteristics  -0.43830  0.36216  -1.210   0.22619
Ref1_medium=clothing     0.23706   0.82740   0.287   0.77449
Ref1_medium=emotion      -0.06587  0.42637  -0.155   0.87722
Ref1_medium=interaction  1.71081   0.69853   2.449   0.01432 *
Ref1_medium=material_things  0.20046   0.52542   0.382   0.70281
Ref1_medium=misc         0.56324   0.46510   1.211   0.22590
Ref1_medium=people       1.17025   0.20664   5.672   0.00000***
Author=male            -0.44387   0.21524  -2.065   0.03911

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 679.20  on 498  degrees of freedom
Residual deviance: 625.48  on 486  degrees of freedom
AIC: 651.48

Number of Fisher Scoring iterations: 4

> LogReg_lrm <- lrm(Century ~ Ref1_medium + Author, data = data, x=T, y=T)
> LogReg_lrm

Logistic Regression Model

lrm(formula = Century ~ Ref1_medium + Author, data = data, x = T, y = T)

Frequencies of Responses

<table>
<thead>
<tr>
<th>1800s</th>
<th>1900s</th>
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</thead>
<tbody>
<tr>
<td>210</td>
<td>289</td>
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<table>
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<th>Obs</th>
<th>Max Deriv Model L.R.</th>
<th>d.f.</th>
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<th>Dxy</th>
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<tbody>
<tr>
<td>499</td>
<td>3e-07</td>
<td>53.72</td>
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<td>0.682</td>
</tr>
<tr>
<td>Gamma Tau-a</td>
<td>R2</td>
<td>Brier</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.394</td>
<td>0.178</td>
<td>0.137</td>
<td>0.219</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Coef S.E. Wald Z P

Intercept -0.11765 0.3340 -0.35 0.7246
Ref1_medium=aesthetic -0.74420 0.7750 -0.96 0.3369
Ref1_medium=appearence 1.16367 0.5324 2.19 0.0288
Ref1_medium=behavior -0.37844 0.4724 -0.80 0.4231
Ref1_medium=body_parts 0.70620 0.4812 1.47 0.1422
Ref1_medium=characteristics -0.43830 0.3622 -1.21 0.2262
Ref1_medium=clothing 0.23706 0.8274 0.29 0.7745
Ref1_medium=emotion -0.06587 0.4264 -0.15 0.8772
Ref1_medium=interaction 1.71081 0.6985 2.45 0.0143
Ref1_medium=material_things 0.20046 0.5254 0.38 0.7028
Ref1_medium=misc 0.56324 0.4651 1.21 0.1925
Ref1_medium=people 1.17025 0.4126 2.84 0.0046
Author=male 0.29706 0.2066 1.44 0.1505

> plot(logreg_lrm)
Error in plot(logreg_lrm) : object 'logreg_lrm' not found
> LogReg_glm <- glm(Century ~ Ref1_medium, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Century ~ Ref1_medium, family = "binomial", data = data)

Deviance Residuals:
  Min      1Q  Median      3Q     Max
-1.996 -1.051   0.709   1.068   1.482

Coefficients:
             Estimate Std. Error z value Pr(>|z|)
(Intercept) 0.048790 0.312440   0.156  0.87591
Ref1_medium=aesthetic -0.741937 0.773058  -0.960  0.33718
Ref1_medium=appearence 1.183354 0.531171   2.228  0.02589 *
Ref1_medium=behavior -0.354172 0.470828  -0.752  0.45191
Ref1_medium=bod
  7y_parts 0.731368 0.479786   1.524  0.12742
Ref1_medium=characteristics -0.390539 0.359577  -1.086  0.27743
Ref1_medium=clothing 0.238892 0.825198   0.289  0.77220
Ref1_medium=emotion -0.007968 0.423421  -0.019  0.98499
Ref1_medium=interaction 1.797037 0.695402   2.584  0.00976 **
Ref1_medium=material_things 0.213574 0.523968  0.408  0.68356
Ref1_medium=misc 0.605136 0.463187  1.306  0.19140
Ref1_medium=people 1.203973 0.411154   2.928  0.00341 **

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 679.20  on 498  degrees of freedom
Residual deviance: 627.55  on 487  degrees of freedom
AIC: 651.55

Number of Fisher Scoring iterations: 4

> summary(data)

Lexeme             Year          Decade     Century       Author
feminine:270   Min.   :1830   1890s  : 35   1800s:210  female:157
womanly :229   1st Qu.:1875   1880s  : 34   1900s:289   male  :342
Median :1913   1970s  : 34
Mean   :1914   1910s  : 31
3rd Qu.:1956   1930s  : 31
Max.   :1999   1850s  : 30
(Other):304

Word_Class      Polarity             Collocation          Collocation2
Att_adj :406   negative: 45   adj_F_N.sing    : 43   prep_F
Noun    :  2   positive:454   pronoun_W_N.sing : 43   pronoun_W_Noun: 57
Pred_adj: 91                  of_F_N.sing     : 29   adj_F_Noun    : 50
ind.art_W_N.sing: 21   prep_W        : 49
of_W_N.sing     : 20   ind.art_W_Noun: 33
def.art_F_N.sing: 19   pronoun_F_Noun: 29
(Other)         :334   (Other)       :222
Collocation3        Subjecthood       Verb                   Verb2
prep      :108   Adverbial    :110   be      :122   achievement_verbs: 40
pronoun_Noun: 86   Direct.verb:197   have    : 33   action_verbs :166
adj_Noun   : 71   Object_pred : 3   look     :11   cognition_verbs : 13
ind.Art_Noun: 53   Subject     : 99   see      : 6   copular_verbs:144
Noun      : 48   Subject_pred : 90   seem     : 6   emotion_verbs : 43
def.Art_Noun: 46   smile      : 6   motion_verbs : 20
(Other)    : 87                       state_verbs      : 73
Verb3         Emphatic       Meaning        Axiology       Humor
come_across:  1   Emph    : 59   delicate:  3   negative: 20   Non_Hum:499
event_verbs:225   Non_emph:440   feminine:231   neutral:411
state_verbs:273                  graceful:  8   positive: 68
womanly :257

Theme              Theme2           Theme3          Ref1
physical_appearance: 59   appearance : 82   misc   : 61   she   : 34
female_qualities   : 45   femininity : 77   people :266   nature : 16
way_of_being       : 45   feelings   : 73   situations: 59   voice   : 12
misc                : 43   way_of_being: 71   states  :113   instinct: 11
female_traits      : 27   misc       : 50   woman  : 10
description        : 24   action     : 35   dignity :  9
The image contains a page of text with code snippets and data summaries. Here is a structured representation of the content:

### Code Snippets

```r
> summary(data)
```

### Data Summary

<table>
<thead>
<tr>
<th>Lexeme</th>
<th>Year</th>
<th>Decade</th>
<th>Century</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>feminine:270</td>
<td>Min.</td>
<td>1830</td>
<td>1890s</td>
<td>female:157</td>
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<tr>
<td>womanly:229</td>
<td>1st Qu.</td>
<td>1875</td>
<td>1880s</td>
<td>male:342</td>
</tr>
<tr>
<td>Median</td>
<td>1913</td>
<td>1970s</td>
<td>1910s</td>
<td></td>
</tr>
<tr>
<td>Mean</td>
<td>1914</td>
<td>1930s</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>Max.</td>
<td>1999</td>
<td>1850s</td>
<td>30</td>
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</tr>
</tbody>
</table>

### Word Classes

<table>
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<tbody>
<tr>
<td>Noun</td>
<td>2</td>
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<tr>
<td>Pred_adj: 91</td>
<td>positive:454</td>
</tr>
<tr>
<td>Att_adj: 406</td>
<td>negative: 45</td>
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<tr>
<td>Noun</td>
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<td>Pred_adj: 91</td>
<td>positive:454</td>
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### Collocation

<table>
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<th>Verb2</th>
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<td>prep</td>
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<td>pronoun_Noun:</td>
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<td>Def.art_Noun:</td>
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<td>82</td>
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<tr>
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<td>59</td>
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<tr>
<td>Theme2</td>
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<tr>
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<tr>
<td>Theme</td>
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### Theme

<table>
<thead>
<tr>
<th>Theme2</th>
<th>Theme</th>
<th>Theme2</th>
<th>Theme</th>
<th>Ref1</th>
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</thead>
<tbody>
<tr>
<td>physical_appearance:</td>
<td>59</td>
<td>appearance:</td>
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<td>female_qualities:</td>
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<tr>
<td>way_of_being:</td>
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<td>feelings:</td>
<td>73</td>
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<td>misc: 27</td>
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<td>states:</td>
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<td>female_traits:</td>
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<tr>
<td>description:</td>
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<td>action:</td>
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<td>(Other): 1256</td>
<td>(Other): 111</td>
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</table>

### Ref1_Gender

<table>
<thead>
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<th>Ref2_Type</th>
<th>Ref1_Gender</th>
<th>Ref2_Gender</th>
</tr>
</thead>
<tbody>
<tr>
<td>R2.hum_gen</td>
<td>2</td>
<td>R1.fem: 66</td>
</tr>
<tr>
<td>R2.hum_spec</td>
<td>112</td>
<td>R2.thing_concrete:163</td>
</tr>
<tr>
<td>R2.NA</td>
<td>362</td>
<td>R2.thing_concrete:129</td>
</tr>
</tbody>
</table>

### Ref2_Type

<table>
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<th>Ref1_Gender</th>
<th>Ref2_Gender</th>
</tr>
</thead>
<tbody>
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<td>R2.hum_gen</td>
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<td>R1.fem: 66</td>
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<tr>
<td>R2.hum_spec</td>
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### Ref.mix

<table>
<thead>
<tr>
<th>Ref.mix</th>
<th>R1.hum_spec: 67</th>
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<tbody>
<tr>
<td>R1.thing_concrete:127</td>
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<tr>
<td>R2.thing_concrete:12</td>
<td></td>
</tr>
</tbody>
</table>

### Call

```r
glm(formula = Century ~ Ref1_medium + Theme3 + Ref.mix + Emphatic, data = data, family = "binomial")
```
Deviance Residuals:
Min       1Q   Median       3Q      Max
-2.0941  -1.0787  0.5664  1.0490  1.6087

Coefficients: Estimate Std. Error z value Pr(>|z|)
(Intercept) 1.84236 0.81361 2.264 0.023549 *
Ref1_mediumaesthetic -0.64695 0.78901 -0.820 0.412241
Ref1_mediumappearance 1.19310 0.56682 2.105 0.035299 *
Ref1_mediumbehavior -0.20844 0.51701 -0.403 0.686828
Ref1_mediumbody_parts 0.65718 0.48739 1.348 0.177545
Ref1_mediumcharacteristics -0.22273 0.43768 -0.509 0.610840
Ref1_mediumclothing 0.09701 0.83753 0.116 0.907790
Ref1_mediumemotion 0.23080 0.48914 0.472 0.637032
Ref1_mediuminteraction 1.76447 0.70011 2.520 0.011726 *
Ref1_mediummaterial_things 0.27253 0.54383 0.501 0.616286
Ref1_mediummisc 0.87406 0.50491 1.731 0.083433 .
Ref1_mediumpeople -0.17167 0.63426 -0.271 0.786654
Theme3people 0.06628 0.31266 0.212 0.832122
Theme3situations -0.25906 0.39477 -0.656 0.511686
Theme3states -0.28733 0.34522 -0.832 0.405234
Ref.mixR1.thing_abstract -2.11100 0.65138 -3.241 0.001192 **
Ref.mixR1.thing_concrete -1.78716 0.66051 -2.706 0.006815 **
Ref.mixR2.hum_gen -17.16702 608.42317 -0.028 0.977490
Ref.mixR2.hum_spec -1.74343 0.95378 -1.828 0.067561 .
Ref.mixR2.thing_abstract -2.14738 0.89498 -2.399 0.016426 *
EmphaticNon_emph 0.18833 0.31936 0.590 0.555374
---
Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)
Null deviance: 679.20 on 498 degrees of freedom
Residual deviance: 609.45 on 477 degrees of freedom
AIC: 653.45

Number of Fisher Scoring iterations: 13

> summary(LogReg_glm)
Call: glm(formula = Century ~ Ref1_medium + Theme3 + Ref.mix + Emphatic, 
family = "binomial", data = data)
Deviance Residuals:
Min       1Q   Median       3Q      Max
-2.0941  -1.0787  0.5664  1.0490  1.6087

Coefficients: Estimate Std. Error z value Pr(>|z|)
(Intercept) 1.84236 0.81361 2.264 0.023549 *
Ref1_mediumaesthetic -0.64695 0.78901 -0.820 0.412241
Ref1_mediumappearance 1.19310 0.56682 2.105 0.035299 *
Ref1_mediumbehavior -0.20844 0.51701 -0.403 0.686828
Ref1_mediumbody_parts 0.65718 0.48739 1.348 0.177545
Ref1_mediumcharacteristics -0.22273 0.43768 -0.509 0.610840
Ref1_mediumclothing 0.09701 0.83753 0.116 0.907790
Ref1_mediumemotion 0.23080 0.48914 0.472 0.637032
Ref1_mediuminteraction 1.76447 0.70011 2.520 0.011726 *
Ref1_mediummaterial_things 0.27253 0.54383 0.501 0.616286
Ref1_mediummisc 0.87406 0.50491 1.731 0.083433 .
Ref1_mediumpeople -0.17167 0.63426 -0.271 0.786654
Theme3people 0.06628 0.31266 0.212 0.832122
Theme3situations -0.25906 0.39477 -0.656 0.511686
Theme3states -0.28733 0.34522 -0.832 0.405234
Ref.mixR1.thing_abstract -2.11100 0.65138 -3.241 0.001192 **
Ref.mixR1.thing_concrete -1.78716 0.66051 -2.706 0.006815 **
Ref.mixR2.hum_gen -17.16702 608.42317 -0.028 0.977490
Ref.mixR2.hum_spec -1.74343 0.95378 -1.828 0.067561 .
Ref.mixR2.thing_abstract -2.14738 0.89498 -2.399 0.016426 *
EmphaticNon_emph 0.18833 0.31936 0.590 0.555374
---
Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)
Null deviance: 679.20 on 498 degrees of freedom
Residual deviance: 609.45 on 477 degrees of freedom
AIC: 653.45

Number of Fisher Scoring iterations: 13

> data <- read.table(file.choose(), header=T)
> summary(data)
Lexeme Year Decade Century Author
feminine: 270
womanly: 229

Word_Class Polarity Collocation Collocation2
Att_adj: 406 negative: 45 adj_F_N.sing: 43 prep_F: 59
Noun: 2 positive: 454 pronoun_W_N.sing: 33 pronoun_W_Noun: 57
Pred_adj: 91 of_F_N.sing: 29 adj_F_Noun: 50

Collocation3 Subjecthood Verb Verb2
prep: 108 Adverbial: 110 be: 122 achievement_verbs: 40
pronoun_Noun: 86 Direct.Object: 197 have: 33 action_verbs: 166
adj_Noun: 71 Object_pred: 3 look: 11 cognition_verbs: 13
ind.art_Noun: 53 Subject: 99 see: 6 copular_verbs: 144
Noun: 48 Subject_pred: 90 seem: 6 emotion_verbs: 43
def.art_Noun: 46

Verb3 Emphatic Meaning Axiology Humor
event_verbs: 226 Emph: 59 delicate: 3 negative: 20 Non_Hum: 499
state_verbs: 273 Non_emph: 440 feminine: 231 neutral: 411
graceful: 8 womanly: 257
graceful: 8

Theme Theme2 Theme3 Ref1

Ref1_medium
characteristics: 130 R1.hum_spec: 77 R2.NA: 362 appearance: 8
people: 81 R1.thing_abstract: 259 her: 61 misc: 15
emotion: 49 R1.thing_concrete: 163 she: 17 person: 114
activity: 41 your: 7 R2.NA: 362
misc: 38 his: 3
body_parts: 35 body: 2

Ref2_Type Ref1_Gender Ref2_Gender
R2.hum_gen: 2 RG1.fem: 66 RG2.fem: 97
R2.hum_spec: 112 RG1.male: 4 RG2.male: 6
R2.NA: 362 RG1.NA: 429 RG2.NA: 396
R2.thing_abstract: 11
R2.thing_concrete: 12

Ref.mix
R1.hum_spec: 67
R1.thing_abstract: 167
R1.thing_concrete: 129
R2.hum_gen: 2
R2.hum_spec: 111
R2.thing_abstract: 11
R2.thing_concrete: 12

LogReg_glm <- glm(Lexeme ~ Ref1_medium + Theme2 + Ref1_medium + Emphatic + Verb2, data = data, family = "binomial")
summary(LogReg_glm)

Call:
glm(formula = Lexeme ~ Ref1_medium + Theme2 + Ref1_medium + Emphatic + Verb2, family = "binomial", data = data)

Deviance Residuals:
Min 1Q Median 3Q Max
-2.0642 -1.0446 -0.5117 1.1314 2.0122

Coefficients:

Intercept -1.329e+00 6.638e-01 -2.002 0.04532 *
Ref1_mediumaesthetic 8.300e-03 8.179e-01 0.010 0.99190
Ref1_mediumappearance 8.707e-01 5.557e-01 1.567 0.11717
Ref1_mediumbehavior 1.107e+00 5.180e-01 2.138 0.03255 *
Ref1_mediumbody_parts 3.067e-01 5.155e-01 0.595 0.55181
Ref1_mediumcharacteristics 8.917e-01 4.120e-01 2.165 0.03042 *
Ref1_mediumclothing -1.490e+01 5.427e+02 -0.027 0.97810
Ref1_mediumemotion 7.063e-01 4.653e-01 1.518 0.12905
Ref1_mediuminteraction -9.062e-01 6.742e-01 -1.344 0.17890
Ref1_mediummaterial_things -9.162e-01 6.758e-01 -1.356 0.17514
Ref1_mediummisc -5.106e-01 5.246e-01 -0.973 0.33040
Ref1_mediumpeople: 4.407e-01 4.628e-01 0.952 0.34101
Theme2actions: 1.533e+01 1.455e+03 0.011 0.99160
Theme2appearence: 6.477e-02 4.779e-01 0.136 0.89220
Theme2education: 1.336e+00 7.125e-01 1.875 0.06074 .
Theme2emotions: 5.191e-01 4.671e-01 1.111 0.26642
Theme2emininity: -5.238e-01 4.639e-01 -1.129 0.25885
Theme2interactions: -4.080e-01 6.037e-01 -0.676 0.49914
Theme2life: 8.293e-01 6.168e-01 1.344 0.17882
Theme2misc: 2.143e-01 4.780e-01 0.448 0.65387
Theme2opinions: 2.315e+00 7.704e-01 3.005 0.00266 **
Theme2relationships: -3.373e-01 7.384e-01 -0.457 0.64781
Theme2things: -9.404e-01 9.106e-01 -1.033 0.30174
Theme2wayofbeing: -3.641e-01 4.924e-01 -0.739 0.45965
Emphatic*emph: 8.330e-01 3.359e-01 2.480 0.01313 *
Verb2actionverbs: -1.569e-01 4.011e-01 -0.391 0.69562
Verb2cognitionverbs: -7.067e-01 7.708e-01 -0.917 0.35927
Verb2copularverbs: 5.157e-02 4.165e-01 0.124 0.90146
Verb2emotionverbs: -5.017e-01 5.019e-01 -1.000 0.31747
Verb2motionverbs: -5.385e-03 6.129e-01 -0.009 0.99299
Verb2stateverbs: 2.752e-02 4.407e-01 0.062 0.95022

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 688.39 on 498 degrees of freedom
Residual deviance: 600.35 on 468 degrees of freedom
AIC: 662.35

Number of Fisher Scoring iterations: 14

> LogReg_glm <- glm(Lexeme ~ Theme2 + Ref1_medium + Emphatic, data = data, family = "binomial")
Error: unexpected ',' in "LogReg_glm <- glm(Lexeme ~ Theme2 + Ref1_medium + Emphatic,"
> LogReg_glm <- glm(Lexeme ~ Theme2 + Ref1_medium + Emphatic, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Lexeme ~ Theme2 + Ref1_medium + Emphatic, family = "binomial", data = data)

Deviance Residuals:
Min 1Q Median 3Q Max
-2.2816 -1.0501 0.5114 1.1051 2.0288

Coefficients: Estimate Std. Error z value Pr(>|z|)
(Intercept) -1.45008 0.56470 -2.568 0.01023 *
Theme2actions 15.35631 1455.39759 0.011 0.99158
Theme2appearence 0.19789 0.46416 0.426 0.67210
Theme2education 1.46300 0.70463 2.076 0.03787 *
Theme2feelings 0.50286 0.44819 1.122 0.26187
Theme2emininity -0.42212 0.45308 -0.932 0.35151
Theme2interactions -0.34419 0.58871 -0.585 0.56587
Theme2life 0.89561 0.60282 1.486 0.13736
Theme2misc 0.28399 0.47595 0.595 0.55212
Theme2opinions 2.31611 0.74117 3.125 0.00178 **
Theme2relationships -0.34019 0.73164 -0.465 0.64195
Theme2things -0.84980 0.90079 -0.943 0.34548
Theme2wayofbeing -0.20059 0.46957 -0.427 0.66925
Ref1_mediumaesthetic 0.02378 0.81310 0.029 0.97666
Ref1_mediumappearance 0.79775 0.54705 1.458 0.14476
Ref1_mediumbehavior 1.08276 0.51134 2.117 0.03422 *
Ref1_mediumbody_parts 0.28101 0.50798 0.553 0.58014
Ref1_mediumcharacteristics 0.88042 0.40816 2.157 0.03100 *
Ref1_mediumclothing -14.90758 543.72501 -0.027 0.97813
Ref1_mediumemotion 0.74495 0.46247 1.611 0.10722
Ref1_mediuminteraction -0.91041 0.67001 -1.359 0.17421
Ref1_mediummaterial_things -0.87567 0.67135 -1.304 0.19212
Ref1_mediummisc -0.53201 0.51593 -1.031 0.30246
Ref1_mediumpeople 0.46720 0.45084 1.036 0.30007
EmphaticNon_emph 0.77942 0.33016 2.361 0.01824 *

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 688.39 on 498 degrees of freedom
Residual deviance: 600.35 on 468 degrees of freedom
AIC: 662.35

Number of Fisher Scoring iterations: 14

> LogReg_gglm <- glm(Lexeme ~ Author + Axiology + Emphatic, data = data, family = "binomial")
> summary(LogReg_gglm)

Call:
glm(formula = Lexeme ~ Author + Axiology + Emphatic, family = "binomial", data = data)
Deviance Residuals:

<table>
<thead>
<tr>
<th></th>
<th>Min</th>
<th>1Q</th>
<th>Median</th>
<th>3Q</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-1.4459</td>
<td>-1.0655</td>
<td>-0.7612</td>
<td>1.2936</td>
<td>1.6619</td>
</tr>
</tbody>
</table>

Coefficients:

|                     | Estimate | Std. Error | z value | Pr(>|z|) |
|---------------------|----------|------------|---------|----------|
| (Intercept)         | -0.6748471 | 0.5283078  | -1.277  | 0.20147  |
| Authormale          | -0.4165834 | 0.1958729  | -2.127  | 0.03344 *|
| Axiologyneutral     | 0.0009256  | 0.4892835  | 0.002   | 0.99849  |
| Axiologypositive    | 0.4655099  | 0.5316833  | 0.976   | 0.32879  |
| EmphaticNon_emph    | 0.8214833  | 0.3187523  | 2.607   | 0.00996 **|

---

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 688.39  on 498 degrees of freedom
Residual deviance: 674.52  on 494 degrees of freedom
AIC: 684.52

Number of Fisher Scoring iterations: 4

> LogReg_glm <- glm(Century~ + Author + Emphatic, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Century ~ + Author + Emphatic, family = "binomial",
    data = data)

Deviance Residuals:

<table>
<thead>
<tr>
<th></th>
<th>Min</th>
<th>1Q</th>
<th>Median</th>
<th>3Q</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-1.369</td>
<td>-1.356</td>
<td>1.008</td>
<td>1.008</td>
<td>1.130</td>
</tr>
</tbody>
</table>

Coefficients:

|                     | Estimate | Std. Error | z value | Pr(>|z|) |
|---------------------|----------|------------|---------|----------|
| (Intercept)         | 0.1404   | 0.3070     | 0.458   | 0.647    |
| Authormale          | 0.2988   | 0.1951     | 1.531   | 0.1026   |
| EmphaticNon_emph    | -0.0278  | 0.2837     | -0.098  | 0.922    |

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 679.2  on 498 degrees of freedom
Residual deviance: 676.8  on 496 degrees of freedom
AIC: 682.8

Number of Fisher Scoring iterations: 4

> LogReg_glm <- glm(Author~ + Collocation2 + Emphatic + Century, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Author ~ + Collocation2 + Emphatic + Century, family = "binomial",
    data = data)

Deviance Residuals:

<table>
<thead>
<tr>
<th></th>
<th>Min</th>
<th>1Q</th>
<th>Median</th>
<th>3Q</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-2.1784</td>
<td>-1.3320</td>
<td>0.7229</td>
<td>0.9388</td>
<td>1.3471</td>
</tr>
</tbody>
</table>

Coefficients:

|                     | Estimate | Std. Error | z value | Pr(>|z|) |
|---------------------|----------|------------|---------|----------|
| (Intercept)         | 1.6590   | 1.2192     | 1.361   | 0.1736   |
| Collocation2adj_F_Noun | -0.2229 | 1.2030     | -0.185  | 0.8530   |
| Collocation2adj_W    | -1.3798  | 1.5537     | -0.888  | 0.3745   |
| Collocation2adj_W_Noun | -0.3982 | 1.2462     | -0.319  | 0.7494   |
| Collocation2adv_F    | 0.2957   | 1.3991     | 0.211   | 0.8532   |
| Collocation2adv_F_Noun | -0.6756 | 1.2719     | -0.531  | 0.5953   |
| Collocation2adv_W    | 14.1855  | 647.2315   | 0.022   | 0.9825   |
| Collocation2def_art_F_Noun | 0.1304 | 1.2456     | 0.105   | 0.9166   |
| Collocation2def_art_W_Noun | -0.1185 | 1.2707     | -0.093  | 0.9257   |
| Collocation2det_F_Noun | -0.5095 | 1.2814     | -0.398  | 0.6909   |
| Collocation2F_Noun   | 0.4336   | 1.2802     | 0.339   | 0.7349   |
| Collocation2ind.art_F_Noun | 1.0605 | 1.3760     | 0.771   | 0.4409   |
| Collocation2ind.art_W_Noun | -0.6260 | 1.2126     | -0.516  | 0.6057   |
| Collocation2prep_F   | -0.5709  | 1.1883     | -0.480  | 0.6309   |
| Collocation2prep_W   | -0.7212  | 1.1923     | -0.605  | 0.5452   |
| Collocation2pronoun_F_Noun | -0.6395 | 1.2184     | -0.525  | 0.5997   |
| Collocation2pronoun_W_Noun | -0.5265 | 1.1894     | -0.443  | 0.6580   |
| Collocation2V_F      | -0.3813  | 1.4339     | -0.266  | 0.7903   |
| Collocation2V_W      | -0.9921  | 1.2517     | -0.793  | 0.4280   |
| EmphaticNon_emph    | -0.8142  | 1.2291     | -0.662  | 0.5077   |
| Century1900s       | 0.2252   | 0.2061     | 1.093   | 0.2744   |

---

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 1

(Dispersion parameter for binomial family taken to be 1)
Null deviance: 621.51 on 498 degrees of freedom
Residual deviance: 594.31 on 477 degrees of freedom
AIC: 638.31

Number of Fisher Scoring iterations: 14

> LogReg_glm <- glm(Lexeme ~ + Collocation2 + Emphatic + Century, data = data, family = "binomial")
Warning message:
glm.fit: fitted probabilities numerically 0 or 1 occurred
> summary(LogReg_glm)

Call:
  glm(formula = Lexeme ~ + Collocation2 + Emphatic + Century, family = "binomial",
      data = data)

Deviance Residuals:
  Min        1Q    Median        3Q       Max
-2.18993  -0.00001  0.00000  0.00000  0.43660

Coefficients:
                     Estimate Std. Error z value Pr(>|z|)
(Intercept)           -41.9151  64047.6427 -0.001    0.999
Collocation2adj_F_Noun -0.4137    62971.6202  0.000    1.000
Collocation2adj_W_Noun  66.1378   66483.3143  0.001    0.999
Collocation2adv_F_Noun  66.2379   87683.4638  0.001    0.999
Collocation2adv_W_Noun  66.1378   66483.3143  0.001    0.999
Collocation2def.art_F_Noun -0.8512   70281.3110  0.000    1.000
Collocation2def.art_W_Noun -0.8512   70281.3110  0.000    1.000
Collocation2det_F_Noun   65.3600   83060.9541  0.001    0.999
Collocation2F_Noun      65.3600   83060.9541  0.001    0.999
Collocation2ind.art_F_Noun -0.4358   64752.0726  0.000    1.000
Collocation2ind.art_W_Noun -0.4358   64752.0726  0.000    1.000
Collocation2prep_F      65.9978   63163.9638  0.001    0.999
Collocation2prep_W      65.9978   63163.9638  0.001    0.999
Collocation2pronoun_F_Noun -0.2422   68152.5494  0.000    1.000
Collocation2pronoun_W_Noun -0.2422   68152.5494  0.000    1.000
Collocation2V_F         65.4077   64023.7820  0.001    0.999
Collocation2V_W         65.4077   64023.7820  0.001    0.999
Collocation2W_Noun     65.7986   65475.0543  0.001    0.999
EmphaticNon_emph      -0.1782    20492.4428  0.000    1.000
Century1900s          18.3872    7129.2178  0.003    0.998

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 688.388 on 498 degrees of freedom
Residual deviance: 6.702 on 477 degrees of freedom
AIC: 50.702

Number of Fisher Scoring iterations: 23

> LogReg_glm <- glm(Century~ + Collocation2 + Emphatic + Lexeme, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Century ~ + Collocation2 + Emphatic + Lexeme, family = "binomial",
      data = data)

Deviance Residuals:
  Min       1Q   Median       3Q      Max
-2.2401  -1.1880   0.8164   0.9946   1.7352

Coefficients:
                     Estimate Std. Error z value Pr(>|z|)
(Intercept)          -0.3006     1.0522  -0.286   0.7751
Collocation2adj_F_Noun  0.8226     1.0480   0.785   0.4325
Collocation2adj_W_Noun -16.1633   1455.3984 -0.011   0.9911
Collocation2adv_F_Noun  0.4785     1.1172  0.428   0.6684
Collocation2adv_W_Noun -14.6816   1455.3973 -0.100   0.9920
Collocation2def.art_F_Noun  0.9277     1.0841   0.856   0.3922
Collocation2def.art_W_Noun -15.5661  1455.3979 -0.011   0.9915
Collocation2det_F_Noun   0.4464     1.1316   0.394   0.6932
Collocation2F_Noun      0.5366     1.0858   0.494   0.6211
Collocation2ind.art_F_Noun -0.2158     1.0966 -0.197   0.8440
Collocation2ind.art_W_Noun -14.6216  1455.3980 -0.010   0.9920
Collocation2prep_F      0.4689     1.0353   0.453   0.6506
Collocation2prep_W     -15.5750  1455.3980 -0.011   0.9915
Collocation2pronoun_F_Noun -0.1873     1.0677 -0.175   0.8607
Collocation2pronoun_W_Noun -14.8078  1455.3980 -0.010   0.9919
Collocation2V_F        15.6110    549.0008  0.028   0.9773
Collocation2V_W      -14.3540  1455.3981 -0.010   0.9921
EmphaticNon_emph      0.3006     0.3272   0.919   0.3582
Lexemewomanly        15.2094  1455.3976  0.010   0.9917

---
Logistic Regression Model

lrm(formula = Lexeme ~ Theme2 + Ref1_medium + Emphatic, data = data, x = T, y = T)

Frequencies of Responses

<table>
<thead>
<tr>
<th></th>
<th>feminine</th>
<th>womanly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obs</td>
<td>270</td>
<td>229</td>
</tr>
</tbody>
</table>

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<tr>
<th>Coef</th>
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<th>Wald Z</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intercept</td>
<td>1.84236</td>
<td>0.8136</td>
<td>2.26</td>
</tr>
</tbody>
</table>

Ref1_medium=aesthetic  -0.64695  0.7890  -0.82  0.4122
Ref1_medium=appearence  1.19310  0.5668  2.10  0.0353
Ref1_medium=behavior   1.19310  0.5668  2.10  0.0353
Ref1_medium=body_parts 0.65718  0.4874  1.35  0.1775
Ref1_medium=characteristics -0.22273  0.4377  -0.51  0.6108
Ref1_medium=clothing    0.09701  0.8375  0.12  0.9078
Ref1_medium=emotion     0.23080  0.4891  0.47  0.6370
Ref1_medium=interaction 1.76447  0.6713  2.52  0.0117
Ref1_medium=material_things -0.85767  0.6713  -1.30  0.1921
Ref1_medium=misc        -0.53201  0.5159  -1.03  0.3025
Ref1_medium=people      0.46720  0.4508  1.04  0.3001
Emphatic=Non_emph      0.77942  0.3302  2.36  0.0182

Logistic Regression Model

lrm(formula = Century ~ Ref1_medium + Theme3 + Ref.mix + Emphatic, data = data, x = T, y = T)

Frequencies of Responses

<table>
<thead>
<tr>
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<th>1800s</th>
<th>1900s</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

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<th>Wald Z</th>
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<tr>
<td>Intercept</td>
<td>1.84236</td>
<td>0.8136</td>
<td>2.26</td>
</tr>
</tbody>
</table>

Ref1_medium=aesthetic  -0.64695  0.7890  -0.82  0.4122
Ref1_medium=appearence  1.19310  0.5668  2.10  0.0353
Ref1_medium=behavior   1.19310  0.5668  2.10  0.0353
Ref1_medium=body_parts 0.65718  0.4874  1.35  0.1775
Ref1_medium=characteristics -0.22273  0.4377  -0.51  0.6108
Ref1_medium=clothing    0.09701  0.8375  0.12  0.9078
Ref1_medium=emotion     0.23080  0.4891  0.47  0.6370
Ref1_medium=interaction 1.76447  0.6713  2.52  0.0117
Ref1_medium=material_things -0.85767  0.6713  -1.30  0.1921
Ref1_medium=misc        -0.53201  0.5159  -1.03  0.3025
Ref1_medium=people      0.46720  0.4508  1.04  0.3001
Emphatic=Non_emph      0.77942  0.3302  2.36  0.0182
null deviance: 621.51 on 498 degrees of freedom
Residual deviance: 565.19 on 462 degrees of freedom
AIC: 639.19

Number of Fisher Scoring iterations: 14

> LogReg_glm <- glm(Author ~ +Collocation3 + Verb2 + Ref1_medium, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Author ~ +Collocation3 + Verb2 + Ref1_medium, family = "binomial",
data = data)

Deviance Residuals:
       Min       1Q   Median       3Q      Max
-2.3951 -1.1993  0.6781  0.8834  1.4645

Coefficients:
                Estimate Std. Error z value Pr(>|z|)
(Intercept) 0.469800 0.4110  2.813 0.00491 **
Collocation3adj_Noun 0.2649  0.5078  1.006 0.31114
Collocation3adv 1.5722  1.0396  1.506 0.13148
Collocation3def.art_Noun 0.3583  0.5804  0.617 0.53700
Collocation3medium 0.8229  0.5258  1.565 0.11759
Collocation3people 0.6690  0.4706  1.422 0.15512
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 621.51 on 498 degrees of freedom
Residual deviance: 565.19 on 462 degrees of freedom
AIC: 639.19

Number of Fisher Scoring iterations: 14

> LogReg_glm <- glm(Author ~ +Collocation2 + Verb2 + Ref1_medium, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Author ~ +Collocation2 + Verb2 + Ref1_medium, family = "binomial",
data = data)

Deviance Residuals:
       Min       1Q   Median       3Q      Max
-2.1606 -1.1284  0.6376  0.8741  1.4664

Coefficients:
                Estimate Std. Error z value Pr(>|z|)
(Intercept) 1.2074  1.2929  0.934  0.35037
Collocation2adj_F_Noun -0.1666  1.2470 -0.134  0.89372
Collocation2adj_W -1.4895  1.5767 -0.945  0.34483
Collocation2adj_W_Noun -0.3448  1.2929 -0.267  0.78971
Collocation2adv_F 0.5237  1.4283  0.367  0.71389
Collocation2adv_F_Noun -0.5027  1.3097 -0.384  0.70109
Collocation2adv_W 14.7559 623.9446  0.024  0.98113
Collocation2def.art_F_Noun 0.2618  1.2928  0.203  0.83951
Collocation2def.art_W_Noun -0.1889  1.3211 -0.143  0.88629
Collocation2det_F_Noun -0.1324  1.3336 -0.099  0.92090
Collocation2F_Noun 0.5768  1.3275  0.434  0.66395
Collocation2ind.art_F_Noun 0.8638  1.4264  0.606  0.54480
Collocation2ind.art_W_Noun -0.5666  1.2514 -0.453  0.65071
Collocation2prep_F -0.7264  1.2357 -0.588  0.55660
Collocation2prep_W -1.2244  1.2459 -0.983  0.32574
Collocation2pronoun_F_Noun -0.8731  1.2664 -0.690  0.49034
Collocation2pronoun_W_Noun -0.7894  1.2443 -0.640  0.52246
Collocation2V_F 0.2988  1.4826  0.202  0.84030
Collocation2V_W -1.0935  1.2842 -0.851  0.39449
Collocation2W_Noun -0.9014  1.2852 -0.701  0.48310
Verb2action_verbs -0.7717  0.4636 -1.665  0.09597 .
Verb2cognition_verbs -0.7572  0.7424 -1.020  0.30773
Verb2cooperation_verbs -0.3218  0.4795 -0.671  0.50214
Verb2emotion_verbs 1.4402  0.5365  2.685  0.00726 **
Verb2motion_verbs -0.8053  0.6675 -1.206  0.22764
Verb2state_verbs -1.4059  0.4995 -2.815  0.00488 **
Ref1_mediumaesthetic 0.1207  0.8131  0.148  0.88219
Ref1_mediumappearance 0.6415  0.5283  1.214  0.22463
Ref1_mediumbehavior 0.5676  0.5144  1.103  0.26982
Ref1_mediumbody_parts 0.6076  0.5270  1.153  0.24891
Ref1_mediumcharacteristics 1.5559  0.4110  2.813  0.00491 **
Ref1_mediumclothing 0.2649  0.9378  0.282  0.77757
Ref1_mediumemotion 0.5722  0.5078  1.103  0.26982
Ref1_mediuminteraction 1.8644  0.7468  2.497  0.01254 *
Ref1_mediummaterial_things 0.3583  0.5804  0.617 0.53700
Ref1_mediummisc 0.8229  0.5258  1.565 0.11759
Ref1_mediumpeople 0.6690  0.4706  1.422 0.15512
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)
| Collocation3det_Noun | 0.610530 | 0.965776 | 0.632 | 0.52728 |
| Collocation3ind.art_Noun | 0.601210 | 0.831267 | 0.723 | 0.46953 |
| Collocation3Noun | 0.569478 | 0.841750 | 0.677 | 0.49870 |
| Collocation3prep | -0.081457 | 0.869530 | -0.094 | 0.92536 |
| Verb2action_verbs | -0.737282 | 0.455922 | -1.617 | 0.10585 |
| Verb2cognition_verbs | -0.834147 | 0.742030 | -1.124 | 0.26095 |
| Verb2copular_verbs | -0.343768 | 0.472061 | -0.728 | 0.46647 |
| Verb2emotion_verbs | -1.424974 | 0.529436 | -2.691 | 0.00711 ** |
| Verb2motion_verbs | -0.758920 | 0.660998 | -1.148 | 0.25091 |
| Ref1_mediumaesthetic | 0.023583 | 0.799788 | 0.029 | 0.97648 |
| Ref1_mediumappearence | 0.566388 | 0.516406 | 1.097 | 0.27273 |
| Ref1_mediumbehavior | 0.488050 | 0.501623 | 0.973 | 0.33058 |
| Ref1_mediumbody_parts | 0.469344 | 0.510063 | 0.920 | 0.35748 |
| Ref1_mediumclothing | 0.329223 | 0.914804 | 0.360 | 0.71893 |
| Ref1_mediumcharacteristics | 1.004961 | 0.399103 | 2.518 | 0.01180 * |
| Ref1_mediumemotion | 1.375081 | 0.495261 | 2.776 | 0.00550 ** |
| Ref1_mediuminteraction | 1.887117 | 0.727639 | 2.593 | 0.00950 ** |
| Ref1_mediummaterial_things | 0.401423 | 0.562426 | 0.714 | 0.47539 |
| Ref1_mediummisc | 0.841217 | 0.512567 | 1.641 | 0.10076 |
| Ref1_mediumpeople | 0.612636 | 0.460478 | 1.330 | 0.18337 |

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 621.51  on 498  degrees of freedom
Residual deviance: 578.34  on 471  degrees of freedom
AIC: 634.34

Number of Fisher Scoring iterations: 4

> LogReg_lrm <- lrm(Author~ + Collocation3 + Verb2 + Ref1_medium, data = data, x=T, y=T)

Logistic Regression Model

lrm(formula = Author ~ + Collocation3 + Verb2 + Ref1_medium, data = data, x = T, y = T)

Frequencies of Responses
defemale male
157 342

Obs Max Deriv Model L.R. d.f. P C Dxy
499 3e-06 43.17 27 0.0251 0.677 0.354

<table>
<thead>
<tr>
<th>Gamma</th>
<th>Tau-a</th>
<th>R2</th>
<th>Brier</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.357</td>
<td>0.153</td>
<td>0.116</td>
<td>0.197</td>
</tr>
</tbody>
</table>

Coef S.E.  Wald Z P
Intercept 0.469800 0.9198 0.51 0.6095
Collocation3=adj_Noun 0.580502 0.8223 0.71 0.4802
Collocation3=adv 1.842430 1.0822 1.70 0.0887
Collocation3=adv_Noun 0.333706 0.9276 0.36 0.7190
Collocation3=def.art_Noun 0.876582 0.5624 1.03 0.3053
Collocation3=det_Noun 0.610530 0.51623 0.973 0.33058
Collocation3=ind.art_Noun 0.488050 0.501623 0.973 0.33058
Collocation3=Noun 0.469344 0.510063 0.920 0.35748
Collocation3=prep 0.081457 0.869530 0.094 0.92536
Collocation3=pronoun_Noun 0.002924 0.802108 0.004 0.99709
Collocation3=V 0.737282 0.455922 1.617 0.10585
Verb2=action_verbs 0.834147 0.742030 1.124 0.26095
Verb2=cognition_verbs 0.343768 0.472061 0.728 0.46647
Verb2=copular_verbs 1.424974 0.529436 2.691 0.00711 **
Verb2=emotion_verbs 0.758920 0.660998 1.148 0.25091
Verb2=motion_verbs 0.329223 0.914804 0.360 0.71893
Verb2=state_verbs 1.375081 0.495261 2.776 0.00550 **
Verb2=interaction 1.887117 0.727639 2.593 0.00950 **
Verb2=material_things 0.401423 0.562426 0.714 0.47539
Verb2=misc 0.841217 0.512567 1.641 0.10076
Verb2=people 0.612636 0.460478 1.330 0.18337

> LogReg_glm <- glm(Author~ + Verb2 + Ref1_medium, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Author ~ + Verb2 + Ref1_medium, family = "binomial", data = data)
Deviance Residuals:

<table>
<thead>
<tr>
<th>Min</th>
<th>1Q</th>
<th>Median</th>
<th>3Q</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2.0084</td>
<td>-1.2363</td>
<td>0.7635</td>
<td>0.8870</td>
<td>1.4140</td>
</tr>
</tbody>
</table>

Coefficients:

|                  | Estimate | Std. Error | z value | Pr(>|z|) |
|------------------|----------|------------|---------|----------|
| (Intercept)      | 0.89952  | 0.51225    | 1.756   | 0.07909  |
| Verb2action_verbs | -0.66659 | 0.44805    | -1.488  | 0.13681  |
| Verb2cognition_verbs | -0.79993 | 0.70995    | -1.127  | 0.25985  |
| Verb2copular_verbs | -0.28622 | 0.46444    | -0.616  | 0.53773  |
| Verb2emotion_verbs | -1.37481 | 0.52138    | -2.637  | 0.00837 **|
| Verb2motion_verbs | -0.63839 | 0.64855    | -0.984  | 0.32495  |
| Verb2state_verbs | -1.16962 | 0.47887    | -2.442  | 0.01459 *|
| Ref1_mediumaesthetic | -0.27077 | 0.77378    | -0.350  | 0.72639  |
| Ref1_mediumappearance | 0.47028 | 0.50324    | 0.935   | 0.35004  |
| Ref1_mediumbehavior | 0.37723 | 0.49103    | 0.768   | 0.44234  |
| Ref1_mediumbody_parts | 0.40742 | 0.48903    | 0.833   | 0.40478  |
| Ref1_mediumclothing | 0.71388  | 0.37671    | 1.895   | 0.05809 .|
| Ref1_mediumemotion | 1.00003  | 0.46736    | 2.140   | 0.03238 *|
| Ref1_mediuminteraction | 1.64104  | 0.70490    | 2.328   | 0.0199 1*|
| Ref1_mediummaterial_things | 0.20029 | 0.53945    | 0.371   | 0.71043  |
| Ref1_mediummisc | 0.73327   | 0.49032    | 1.495   | 0.13479  |
| Ref1_mediumpeople | 0.41492   | 0.42165    | 0.984   | 0.32510  |

---

Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 621.51  on 498  degrees of freedom
Residual deviance: 595.04  on 481  degrees of freedom

Number of Fisher Scoring iterations: 4

> LogReg_glm <- glm(Lexeme ~ + Verb2 + Ref1_medium, data = data, family = "binomial")
> LogReg_lrm

Logistic Regression Model

lrm(formula = Author ~ +Collocation3 + Verb2 + Ref1_medium, data = data, x = T, y = T)

Frequencies of Responses

<table>
<thead>
<tr>
<th>female</th>
<th>male</th>
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</thead>
<tbody>
<tr>
<td>157</td>
<td>342</td>
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<th>Obs</th>
<th>Max Deriv Model L.R.</th>
<th>d.f.</th>
<th>P</th>
<th>C</th>
<th>Dxy</th>
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<td>499</td>
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<td>43.17</td>
<td>27</td>
<td>0.0251</td>
<td>0.677</td>
</tr>
<tr>
<td>Gamma</td>
<td>Tau-a</td>
<td>R2</td>
<td>Brier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.357</td>
<td>0.153</td>
<td>0.116</td>
<td>0.197</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Coef</th>
<th>S.E.</th>
<th>Wald Z</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intercept</td>
<td>0.469800</td>
<td>0.9198</td>
<td>0.51</td>
</tr>
<tr>
<td>Collocation3=adj_Noun</td>
<td>0.580502</td>
<td>0.8223</td>
<td>0.71</td>
</tr>
<tr>
<td>Collocation3=adv</td>
<td>1.842430</td>
<td>1.0822</td>
<td>1.70</td>
</tr>
<tr>
<td>Collocation3=def.art_Noun</td>
<td>0.313706</td>
<td>0.9276</td>
<td>0.36</td>
</tr>
<tr>
<td>Collocation3=det_Noun</td>
<td>0.876582</td>
<td>0.8547</td>
<td>1.03</td>
</tr>
<tr>
<td>Collocation3=ind.art_Noun</td>
<td>0.610530</td>
<td>0.9658</td>
<td>0.63</td>
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<td>Collocation3=Noun</td>
<td>0.601210</td>
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<td>Collocation3=prep</td>
<td>-0.121716</td>
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<td>-0.15</td>
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<td>Collocation3=pronoun_Noun</td>
<td>0.002924</td>
<td>0.8021</td>
<td>0.00</td>
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<td>Collocation3=V</td>
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<td>0.8695</td>
<td>-0.09</td>
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<tr>
<td>Verb2=action_verbs</td>
<td>-0.737282</td>
<td>0.4559</td>
<td>-1.62</td>
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<td>Verb2=cognition_verbs</td>
<td>-0.834347</td>
<td>0.7420</td>
<td>-1.12</td>
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<tr>
<td>Verb2=emotion_verbs</td>
<td>-0.343768</td>
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<tr>
<td>Verb2=motion_verbs</td>
<td>-1.251189</td>
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<td>-2.69</td>
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<tr>
<td>Verb2=state_verbs</td>
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<td>-2.86</td>
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<tr>
<td>Ref1_medium=aesthetic</td>
<td>0.023583</td>
<td>0.7998</td>
<td>0.03</td>
</tr>
<tr>
<td>Ref1_medium=appearence</td>
<td>0.566388</td>
<td>0.5164</td>
<td>1.10</td>
</tr>
<tr>
<td>Ref1_medium=behavior</td>
<td>0.488050</td>
<td>0.5016</td>
<td>0.97</td>
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<tr>
<td>Ref1_medium=body_parts</td>
<td>0.469344</td>
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<td>0.92</td>
</tr>
<tr>
<td>Ref1_medium=characteristics</td>
<td>1.004961</td>
<td>0.9391</td>
<td>2.52</td>
</tr>
<tr>
<td>Ref1_medium=clothing</td>
<td>0.329223</td>
<td>0.9148</td>
<td>0.36</td>
</tr>
<tr>
<td>Ref1_medium=emotion</td>
<td>1.375081</td>
<td>0.4953</td>
<td>2.78</td>
</tr>
<tr>
<td>Ref1_medium=interaction</td>
<td>1.887117</td>
<td>0.7276</td>
<td>2.59</td>
</tr>
<tr>
<td>Ref1_medium=material_things</td>
<td>0.401423</td>
<td>0.5624</td>
<td>0.71</td>
</tr>
<tr>
<td>Ref1_medium=material_things</td>
<td>0.841217</td>
<td>0.5126</td>
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<td>Ref1_medium=people</td>
<td>0.612636</td>
<td>0.4605</td>
<td>1.33</td>
</tr>
</tbody>
</table>

> LogReg_glm <- glm(Lexeme ~ + Verb2 + Ref1_medium, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Lexeme ~ +Verb2 + Ref1_medium, family = "binomial",
data = data)

Deviance Residuals:
Min 1Q Median 3Q Max
-1.4363 -1.1536 -0.6208 1.1129 1.9266

Coefficients:

| Estimate | Std. Error | z value | Pr(>|z|) |
|----------|------------|---------|----------|
| (Intercept) | -0.31518 | 0.45420 | -0.694 | 0.4877 |
| Verb2action_verbs | 0.20429 | 0.37029 | 0.552 | 0.5812 |
| Verb2cognition_verbs | 0.10695 | 0.65603 | 0.163 | 0.8705 |
| Verb2copular_verbs | -0.10520 | 0.38249 | -0.275 | 0.7833 |
| Verb2emotion_verbs | -0.34166 | 0.46460 | -0.735 | 0.4621 |
| Verb2motion_verbs | -0.19361 | 0.57348 | -0.338 | 0.7357 |
| Verb2state_verbs | -0.01527 | 0.41159 | -0.037 | 0.9704 |
| Ref1_mediumaesthetic | 0.13837 | 0.75730 | 0.183 | 0.8550 |
| Ref1_mediumappearence | 0.61246 | 0.48727 | 1.257 | 0.2088 |
| Ref1_mediumbehavior | 0.92120 | 0.48316 | 1.907 | 0.0566 *
| Ref1_mediumbody_parts | 0.12900 | 0.47367 | 0.272 | 0.7854 |
| Ref1_mediumcharacteristics | 0.67321 | 0.36744 | 1.832 | 0.0669 .|
| Ref1_mediumclothing | -15.11143 | 549.07805 | -0.028 | 0.9780 |
| Ref1_mediumemotion | 0.56904 | 0.43240 | 1.316 | 0.1882 |
| Ref1_mediuminteraction | 1.56928 | 0.64058 | 2.247 | 0.0246 *|
| Ref1_mediummaterial_things | 0.1344 | 0.5346 | 0.251 | 0.8015 |
| Ref1_mediummisc | 0.6777 | 0.4785 | 1.416 | 0.1567 |
| Ref1_mediumpeople | 0.4983 | 0.4029 | 1.237 | 0.2162 |

Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 688.39 on 498 degrees of freedom
Residual deviance: 648.91 on 481 degrees of freedom
AIC: 684.91

Number of Fisher Scoring iterations: 14

> LogReg_glm <- glm(Author ~ +Theme3 + Ref1_medium, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Author ~ +Theme3 + Ref1_medium, family = "binomial",
data = data)

Deviance Residuals:
Min 1Q Median 3Q Max
-2.0634 -1.3285 0.7768 0.9022 1.2128

Coefficients:

| Estimate | Std. Error | z value | Pr(>|z|) |
|----------|------------|---------|----------|
| (Intercept) | 0.1990 | 0.3981 | 0.500 | 0.6171 |
| Theme3people | 0.2341 | 0.3154 | 0.742 | 0.4580 |
| Theme3situations | 0.1500 | 0.4027 | 0.373 | 0.7095 |
| Theme3states | -0.1969 | 0.3436 | -0.573 | 0.5667 |
| Ref1_mediumaesthetic | -0.0850 | 0.7475 | -0.114 | 0.9095 |
| Ref1_mediumappearence | 0.2198 | 0.5003 | 0.439 | 0.6604 |
| Ref1_mediumbehavior | 0.2982 | 0.4825 | 0.618 | 0.5366 |
| Ref1_mediumbody_parts | 0.3257 | 0.4795 | 0.679 | 0.4971 |
| Ref1_mediumcharacteristics | 0.6106 | 0.3745 | 1.630 | 0.1030 |
| Ref1_mediumclothing | -0.1333 | 0.8342 | -0.160 | 0.8730 |
| Ref1_mediumemotion | 0.8996 | 0.4605 | 1.953 | 0.0508 .|
| Ref1_mediuminteraction | 1.5692 | 0.6405 | 2.247 | 0.0246 *|
| Ref1_mediummaterial_things | 0.1344 | 0.5346 | 0.251 | 0.8015 |
| Ref1_mediummisc | 0.6777 | 0.4785 | 1.416 | 0.1567 |
| Ref1_mediumpeople | 0.4983 | 0.4029 | 1.237 | 0.2162 |

Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 621.51 on 498 degrees of freedom
Residual deviance: 607.61 on 484 degrees of freedom
AIC: 637.61

Number of Fisher Scoring iterations: 4

> LogReg_glm <- glm(Author ~ +Theme2 + Ref1_medium + Decade + Lexeme + Polarity, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Author ~ +Theme2 + Ref1_medium + Decade + Lexeme + Polarity, family = "binomial",
data = data)

Deviance Residuals:
Min 1Q Median 3Q Max
-2.6638 -1.0909 0.6064 0.8712 1.6004
Coefficients:                        Estimate Std. Error  z value Pr(>|z|)
(Intercept)                       1.30039    0.79528   1.635  0.1020
Theme2actions                    12.46913    535.41152  0.023  0.9814  
Theme2appearance                 -0.31624    0.52977  -0.598  0.5502
Theme2education                  -0.73363    0.78627  -0.933  0.3508
Theme2femininity                 -0.40266    0.52043  -0.774  0.4491
Theme2feelings                   -0.35847    0.65951  -0.544  0.5868
Theme2life                       -0.62092    0.64749  -0.959  0.3376
Theme2misc                       -0.69281    0.53738  -1.289  0.1973
Theme2opinions                   -0.73895    0.63339  -1.167  0.2433
Theme2relationships              -1.95769    0.76841  -2.548  0.0108 *
Theme2things                     -0.08446    0.93864  -0.090  0.9283
Theme2way_of_being               0.10066    0.53674   0.188  0.8512
Ref1_mediumaesthetic            0.27381    0.81445   0.336  0.7367
Ref1_mediumappearance           0.08048    0.59669   0.135  0.8927
Ref1_mediumbehavior             0.24008    0.54297   0.442  0.6584
Ref1_mediumbody_parts           0.46310    0.56179   0.824  0.4098
Ref1_mediumcharacteristics      0.78561    0.43335   1.813  0.0701 *
Ref1_mediumclothing              0.37535    0.91471  -0.410  0.6815
Ref1_mediumemotion               1.19874    0.52338   2.290  0.0220 *
Ref1_mediuminteraction           2.12242    0.83772   2.534  0.0113 *
Ref1_mediummaterial_things      0.02927    0.59707   0.049  0.9609
Ref1_mediummisc                  0.72677    0.54363   1.337  0.1813
Decade1840s                      0.98867    0.70608   1.400  0.1584
Decade1850s                      0.40593    0.59749  -0.679  0.4969
Decade1860s                      0.86978    0.61614   1.412  0.1580
Decade1870s                      0.01569    0.59253  -0.269  0.7879
Decade1890s                      0.05614    0.56179  -0.966  0.3376
Decade1900s                      1.18065    0.62467   1.890  0.0588 *
Decade1910s                      0.15911    0.63023   0.252  0.8007
Decade1920s                      0.16961    0.63935   0.265  0.7908
Decade1930s                      0.35287    0.63088   0.559  0.5759
Decade1940s                      0.14985    0.62901  -0.238  0.8117
Decade1950s                      1.61006    0.86982   1.851  0.0642 *
Decade1960s                      1.15618    0.71279   1.622  0.1048
Decade1970s                      0.11749    0.61024   0.193  0.8473
Decade1980s                      0.29898    0.65964   0.453  0.6504
Decade1990s                      0.01179    0.62790  -0.196  0.8473
Lexemewomanly                    0.39861    0.22668   1.758  0.0787 .
Polaritypositive                 -0.53431    0.40016  -1.335  0.1818
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
(Dispersion parameter for binomial family taken to be 1)

Null deviance: 621.51  on 498 degrees of freedom
Residual deviance: 554.45  on 457 degrees of freedom
AIC: 638.45

Number of Fisher Scoring iterations: 12

LogReg_glm <- glm(Author~ + Theme2 + Lexeme, data = data, family = "binomial")

Call:  
glm(formula = Author ~ + Theme2 + Lexeme, family = "binomial",
    data = data)

Deviance Residuals:  
    Min      1Q  Median      3Q     Max
-1.8821 -1.3392  0.7432  0.8815  1.5660

Coefficients:                        Estimate Std. Error  z value Pr(>|z|)
(Intercept)                         1.23033    0.39873   3.086  0.00203 **
Theme2actions                      12.73619    535.41132  0.023  0.98102
Theme2appearance                  -0.16401    0.45843  -0.358  0.72052
Theme2education                   -0.31624    0.52977  -0.598  0.5502
Theme2femininity                  -0.40266    0.52043  -0.774  0.4491
Theme2feelings                    -0.08491    0.46552  -0.182  0.85526
Theme2interactions                -0.31602    0.60174  -0.525  0.59946
Theme2life                         -0.55771    0.57947  -0.962  0.33582
Theme2misc                         -0.45717    0.48834  -0.936  0.34919
Theme2opinions                    -0.56430    0.56320  -1.002  0.31637
Theme2relationships               -1.70872    0.68226  -2.504  0.01226 *
Theme2things                      -0.35422    0.87548  -0.405  0.68577
Theme2way_of_being                -0.15543    0.48169   0.323  0.74694
Lexemewomanly                     -0.40045    0.20384  -1.964  0.04947 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)
Null deviance: 621.51 on 498 degrees of freedom  
Residual deviance: 602.27 on 485 degrees of freedom  
AIC: 630.27

Number of Fisher Scoring iterations: 12

> LogReg_lrm <- lrm(Author ~ + Theme2 + Lexeme, data = data, x=T, y=T)
> LogReg_lrm

Logistic Regression Model

lrm(formula = Author ~ + Theme2 + Lexeme, data = data, x = T, y = T)

Frequencies of Responses

<table>
<thead>
<tr>
<th></th>
<th>female</th>
<th>male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obs</td>
<td>157</td>
<td>342</td>
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</table>

<table>
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<th>d.f.</th>
<th>P</th>
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<td>19.24</td>
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Gamma Tau

- a

R2 Brier

0.238 0.097 0.053 0.208

Coef S.E. Wald Z P

Intercept 1.23033 0.39870 3.09 0.0020

Lexeme=womanly -0.40045 0.20384 -1.964 0.0495 *

Theme2=actions 5.56683 24.53632 0.23 0.8205

Theme2=appearance -0.16401 0.45843 -0.358 0.7205

Theme2=education -0.37958 0.68300 -0.556 0.5783

Theme2=feelings -0.08491 0.46555 -0.18 0.8553

Theme2=interactions -0.31602 0.60175 -0.53 0.5995

Theme2=life -0.55771 0.5795 -0.96 0.3358

Theme2=misc -0.45717 0.48834 -0.94 0.3492

Theme2=opinions -0.56430 0.56321 -1.00 0.3164

Theme2=relationships -1.70872 0.68232 -2.50 0.0123

Theme2=things 0.35422 0.87555 0.40 0.6858

Theme2=way_of_being 0.15543 0.48177 0.32 0.7469

Lexeme=womanly -0.40045 0.20384 -1.96 0.0495

> LogReg_glm <- glm(Author ~ + Theme2 + Lexeme, data = data, family = "binomial")
> summary(LogReg_glm)

Call:

glm(formula = Author ~ + Theme2 + Lexeme, family = "binomial", data = data)

Deviance Residuals:

Min 1Q Median 3Q Max
-1.8821 -1.3392 0.7432 0.8815 1.5660

Coefficients:

Estimate Std. Error z value Pr(>|z|)

(Intercept) 1.23033 0.39870 3.09 0.0020 **

Lexeme=womanly -0.40045 0.20384 -1.964 0.04947 *

Theme2=actions 5.56683 24.53632 0.23 0.8205

Theme2=appearance -0.16401 0.45843 -0.358 0.7205

Theme2=education -0.37958 0.68300 -0.556 0.5783

Theme2=feelings -0.08491 0.46555 -0.18 0.8553

Theme2=femininity -0.08491 0.46552 -0.182 0.8552

Theme2=interactions -0.31602 0.60175 -0.53 0.5995

Theme2=life -0.55771 0.5795 -0.96 0.3358

Theme2=misc -0.45717 0.48834 -0.94 0.3492

Theme2=opinions -0.56430 0.56321 -1.00 0.3164

Theme2=relationships -1.70872 0.68232 -2.50 0.0123

Theme2=things 0.35422 0.87555 0.40 0.6858

Theme2=way_of being 0.15543 0.48177 0.32 0.7469

---

Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Dispersion parameter for binomial family taken to be 1

Null deviance: 621.51 on 498 degrees of freedom  
Residual deviance: 602.27 on 485 degrees of freedom  
AIC: 630.27

Number of Fisher Scoring iterations: 12

> LogReg_glm <- glm(Ref1_Type ~ + Theme3, data = data, family = "binomial")
> summary(LogReg_glm)

Error in eval(expr, envir, enclo) : object 'Ref1_Type' not found

> LogReg_glm <- glm(Ref1_Type ~ + Theme3, data = data, family = "binomial")
> summary(LogReg_glm)

Call:

glm(formula = Ref1_Type ~ + Theme3, family = "binomial", data = data)

Deviance Residuals:
Coefficients:

| Estimate | Std. Error | z value | Pr(>|z|) |
|----------|------------|---------|----------|
| (Intercept) | 0.96030 | 0.45772 | 2.098 | 0.0359 * |
| Ref1_TypeR1.thing_abstract | -0.04611 | 0.30577 | -0.151 | 0.8801 |
| Ref1_TypeR1.thing_concrete | -0.24058 | 0.31545 | -0.763 | 0.4457 |
| Theme3people | 0.19748 | 0.31311 | 0.631 | 0.5282 |
| Theme3situations | 0.12653 | 0.39687 | 0.319 | 0.7499 |
| Theme3states | -0.06029 | 0.34698 | -0.174 | 0.8621 |
| Lexemewomanly | -0.39266 | 0.20065 | -1.957 | 0.0504 . |
| Century1900s | 0.26814 | 0.20621 | 1.300 | 0.1935 |
| Verb3state_verbs | -0.26096 | 0.20878 | -1.250 | 0.2113 |

Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 621.51 on 498 degrees of freedom
Residual deviance: 610.79 on 490 degrees of freedom
AIC: 628.79

Number of Fisher Scoring iterations: 4
```r
> data <- read.table(file.choose(), header=T)
> Error in scan(file, what, nmax, sep, dec, quote, skip, nlines, na.strings, : line 3 did not have 30 elements
> data <- read.table(file.choose(), header=T)
> Error in scan(file, what, nmax, sep, dec, quote, skip, nlines, na.strings, : line 458 did not have 30 elements
> data <- read.table(file.choose(), header=T)
> Error in scan(file, what, nmax, sep, dec, quote, skip, nlines, na.strings, : line 489 did not have 30 elements
> data <- read.table(file.choose(), header=T)
> Error in scan(file, what, nmax, sep, dec, quote, skip, nlines, na.strings, : line 489 did not have 2 elements
> LogReg_glm <- glm(Lexeme + Ref1_Type + Theme3 + Lexeme + Century + Verb3, data = data, family = "binomial")
Warning messages: 1: In model.matrix.default(mt, mf, contrasts) : the response appeared on the right-hand side and was dropped 2: In model.matrix.default(mt, mf, contrasts) : problem with term 3 in model.matrix: no columns are assigned
> pvclust <- pvclust(tab, method.hclust="ward", method.dist="euclidean")
Bootstrap (r = 0.5)... Done.
Bootstrap (r = 0.5)... Done.
Bootstrap (r = 0.67)... Done.
Bootstrap (r = 0.67)... Done.
Bootstrap (r = 0.83)... Done.
Bootstrap (r = 1.0)... Done.
Bootstrap (r = 1.0)... Done.
Bootstrap (r = 1.17)... Done.
Bootstrap (r = 1.17)... Done.
Bootstrap (r = 1.33)... Done.
Warning message: In a$p[] <- c(1, bp[r == 1]) : number of items to replace is not a multiple of replacement length
> data <- read.table(file.choose(), header=T)
Error in file.choose() : file choice cancelled
> data <- read.table(file.choose(), header=T)
> summary(data)
Collocation2 Ref1_medium
prep_F        : 59 characteristics:130
pronoun_W_Noun: 57 people : 81
adj_F_Noun    : 50 emotion : 49
prep_W        : 49 activity : 41
ind.art_W_Noun: 33 misc : 38
pronoun_F_Noun: 29 body_parts : 35
(Other)       :222 (Other) :125
> pvclust <- pvclust(tab, method.hclust="ward", method.dist="euclidean")
Bootstrap (r = 0.5)... Done.
Bootstrap (r = 0.5)... Done.
Bootstrap (r = 0.67)... Done.
Bootstrap (r = 0.67)... Done.
Bootstrap (r = 0.83)... Done.
Bootstrap (r = 1.0)... Done.
Bootstrap (r = 1.0)... Done.
Bootstrap (r = 1.17)... Done.
Bootstrap (r = 1.17)... Done.
Bootstrap (r = 1.33)... Done.
Warning message: In a$p[] <- c(1, bp[r == 1]) : number of items to replace is not a multiple of replacement length
> data <- read.table(file.choose(), header=T)
> summary(data)
Author Theme2
female:157 appearance : 82
male :342 femininity : 77
feelings : 73
way_of_being: 71
misc : 50
action : 35
(Other) :111
> mcatab <- mca(data, abbrev = T)
> plot(mcatab, rows = P, col = 1)
> plot(mcatab, rows = P, col = 1, xlim=c(-.005,.005),ylim=c(-.005,.005))
> plot(mcatab, rows = P, col = 1, xlim=c(-.003,.003),ylim=c(-.005,.005))
> plot(mcatab, rows = P, col = 1, xlim=c(-.006,.005),ylim=c(-.005,.005))
> data <- read.table(file.choose(), header=T)
> summary(data)
Author Theme2
female:157 appearance : 82
male :342 femininity : 77
feelings : 73
way_of_being: 71
misc : 50
action : 35
(Other) :111
> mcatab <- mca(data, abbrev = T)
> plot(mcatab, rows = P, col = 1)
> data <- read.table(file.choose(), header=T)
```
> summary(data)

<table>
<thead>
<tr>
<th>Author</th>
<th>Theme2</th>
<th>Lexeme</th>
</tr>
</thead>
<tbody>
<tr>
<td>female:157</td>
<td>appearance : 82</td>
<td>feminine:270</td>
</tr>
<tr>
<td>male :342</td>
<td>femininity : 77</td>
<td>womanly :229</td>
</tr>
<tr>
<td>feelings : 73</td>
<td>way_of_being: 71</td>
<td></td>
</tr>
<tr>
<td></td>
<td>action : 50</td>
<td>(Other):111</td>
</tr>
</tbody>
</table>

> mcatab <- mca(data, abbrev = T)
> plot(mmcatab, rows = F, col = 1)
> data <- read.table(file.choose(), header=T)
> summary(data)

<table>
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<tr>
<th>Lexeme</th>
<th>Author</th>
<th>Ref1_medium</th>
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<tr>
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<td>female:157</td>
<td>characteristics:130</td>
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<td>womanly :229</td>
<td>male  :342</td>
<td>people         : 81</td>
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<tr>
<td></td>
<td>emotion        : 49</td>
<td>activity : 41</td>
</tr>
<tr>
<td></td>
<td>misc           : 38</td>
<td>body_parts : 35</td>
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<tr>
<td></td>
<td>(Other)        :125</td>
<td>(Other) : 87</td>
</tr>
</tbody>
</table>

> mcatab <- mca(data, abbrev = T)
> plot(mmcatab, rows = F, col = 1)
> data <- read.table(file.choose(), header=T)
> summary(data)

<table>
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<td>1900s:289</td>
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<td>copular_verbs    :144</td>
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<td>emotion_verbs    : 43</td>
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<tr>
<td>motion_verbs     : 20</td>
<td>state_verbs    : 73</td>
<td></td>
</tr>
</tbody>
</table>

> mcatab <- mca(data, abbrev = T)
> plot(mmcatab, rows = F, col = 1)
> data <- read.table(file.choose(), header=T)
> summary(data)

<table>
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<th>Author</th>
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<tr>
<td>male :342</td>
<td>state_verbs:273</td>
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</tbody>
</table>

> mcatab <- mca(data, abbrev = T)
> plot(mmcatab, rows = F, col = 1)
> data <- read.table(file.choose(), header=T)
> summary(data)

> LogReg_glm <- glm(Lexeme~ + Ref1_Type + Theme3 + Lexeme + Century + Verb3, data = data, family = "binomial")
Error in eval(expr, envir, enclos) : object 'Lexeme' not found
> data <- read.table(file.choose(), header=T)
> summary(data)

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<th>Century</th>
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> summary(data)

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> data <- read.table(file.choose(), header=T)
> summary(data)
> data <- read.table(file.choose(), header=T)
> summary(data)

Lexeme     | Year          | Decade       | Century | Author       | Word_Class
---        |---------------|--------------|---------|--------------|-------------
womanly: 222   | 1st Qu.:1876  | 1880s       | 1900s:277 | male:322    | Pred_adj :83

Polarity | Collocation      | Collocation2 | Collocation3
---       |------------------|--------------|-------------
negative: 45 | adj_F_N.sing:40  | pronoun_W_Noun:57 | prep:101
positive:426 | pronoun_W_Noun:33 | prep_F:56 | pronoun_Noun:84

Subjecdhood | Verb | Verb2 | Verb3
--- |------|------|------
Adverbial:104 | be:113 | achievement_verbs:39 | event_verbs:218
Direct.Object:189 | have:30 | action_verbs:160 | state_verbs:253
Subject:94 | look:9 | cognition_verbs:12 |
Subject_pred:84 | see:6 | copular_verbs:132 |
seem:6 | emotion_verbs:40 |
smile:6 | motion_verbs:19 |
(Other):310 | state_verbs:69 |

Emphatic | Meaning      | Axiology | Humor         | Theme
--- |--------------|----------|---------------|--------
Emph:54 | feminine:224 | negative:20 | Non_Hum:471 | physical_appearance:55
Non_emph:417 | womanly:247 | neutral:1384 | female_qualities:44 | misc:42

Theme | Theme3 | Ref1 | Ref1_medium
--- |-------|-----|-----------
appearance:76 | misc:59 | she:34 | characteristics:124
femininity:75 | people:245 | nature:15 | people:73
feelings:72 | situations:55 | voice:12 | emotion:47
way_of_being:61 | states:112 | instinct:11 | activity:40
misc:49 | woman:10 | misc:35 |
action:33 | dignity:9 | behavior:32 |
(Other):105 | (Other):380 | (Other):120 |

Ref1_Type | Ref2 | Ref2_medium | Ref2_Type
--- |-----|-------------|--------
R1.hum_spec: 70 | R2.NA:342 | appearance:8 | R2.hum_spec:106
R1.thing_abstract:248 | her:61 | misc:14 | R2.NA:343
R1.thing_concrete:153 | she:17 | person:107 | R2.thing_abstract:11
your:7 | R2.NA:342 | R2.thing_concrete:11
body:2 | Margaret:2 | (Other):40 |

Ref1_Gender | Ref2_Gender | Ref.mix
--- |-------|-----
RG1.fem: 64 | RG2.fem: 96 | R1.hum_spec: 60
RG1.NA:1407 | RG2.NA:1375 | R1.thing_abstract:163
R1.thing_concrete:121
R1.thing_concrete:153
R2.thing:105
R2.thing_abstract:11
R2.thing_concrete:11

> LogReg_glm <- glm(Word_Class~ + Lexeme + Collocation2, data = data, family = "binomial")
> summary(LogReg_glm)

Call: glm(formula = Word_Class ~ + Lexeme + Collocation2, data = data, family = "binomial")

Deviance Residuals:
Min 1Q Median 3Q Max
-2.38043 -0.51678 -0.37146 -0.00008 2.77494

Coefficients:
             Estimate  Std. Error  z value  Pr(>|z|)
(Intercept)  -1.099e+00  1.155e+00  -0.951   0.3414
Lexemewomany  4.340e-07  1.107e+04   0.000  1.0000
Collocation2adj_F_Noun -2.730e+00  1.535e+00  -1.779   0.0752.
Collocation2adj_W  1.099e+00  1.107e+04   0.000  0.9999
Collocation2adj_W_Noun -1.847e+01  1.131e+04  -0.002  0.9987
Collocation2adv_F  2.066e+01  3.104e+03   0.007  0.9947
Collocation2adv_F_Noun -9.808e-01  1.377e+00  -0.712  0.4762
Collocation2adv_W -2.877e-01  1.107e+04   0.000  1.0000
Collocation2def.art_F_Noun -1.847e+01  2.109e+03  -0.009  0.9930
Collocation2def.art_W_Noun -1.847e+01  1.075e+04  -0.002  0.9986
Collocation2det_F_Noun -1.847e+01  3.104e+03  -0.006  0.9953
Collocation2F_Noun          5.716e-02  1.249e+00  0.046  0.9635
Collocation2ind.art_F_Noun -2.083e-15  1.231e+00  0.000  1.0000
Collocation2ind.art_W_Noun -8.473e-15  1.107e+04  0.000  0.9999
Collocation2prep_F          -1.504e+00  1.107e+04  0.000  0.9999
Collocation2pronoun_F_Noun -9.808e-01  1.307e+00  0.000  0.9635
Collocation2pronoun_W_Noun -4.949e-01  1.107e+04  0.000  1.0000
Collocation2V_F             9.808e-01  1.307e+00  0.000  0.9999
Collocation2V_W             3.871e+00  1.107e+04  0.000  0.9999
Collocation2W_Noun          2.364e-01  1.107e+04  0.000  1.0000

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 438.61 on 470 degrees of freedom
Residual deviance: 269.92 on 450 degrees of freedom
AIC: 311.92

Number of Fisher Scoring iterations: 18

> LogReg_glm <- glm(Lexeme ~ + Word_Class + Collocation2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Lexeme ~ + Word_Class + Collocation2, family = "binomial",
      data = data)

Deviance Residuals:
    Min       1Q   Median       3Q      Max
  -2.40432 -0.00001 -0.00001  0.00001  0.33811

Coefficients:
                Estimate Std. Error z value Pr(>|z|)
(Intercept)    -2.457e+01  6.571e+04   0.000    1
Word_ClassPred_adj          1.808e+04  2.066e+04   0.000    1
Collocation2adj_F_Noun      1.764e+04  6.840e+04   0.000    1
Collocation2adj_W           4.913e+01  9.278e+04   0.001    1
Collocation2adj_W_Noun      4.913e+01  7.166e+04   0.001    1
Collocation2adv_F            7.103e+04  7.721e+04   0.001    1
Collocation2adv_F_Noun      5.462e+04  7.248e+04   0.001    1
Collocation2adv_W           4.913e+01  8.789e+04   0.001    1
Collocation2def.art_F_Noun  5.288e+04  7.055e+04   0.001    1
Collocation2def.art_W_Noun  2.740e+01  6.571e+04   0.001    1
Collocation2det_F_Noun      5.225e+04  7.582e+04   0.001    1
Collocation2F_Noun          5.685e+04  7.097e+04   0.001    1
Collocation2ind.art_F_Noun  5.673e+04  7.324e+04   0.001    1
Collocation2ind.art_W_Noun  4.913e+01  6.953e+04   0.001    1
Collocation2prep_F          -5.419e+04  6.787e+04   0.001    1
Collocation2prep_W          -5.419e+04  6.787e+04   0.001    1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 651.3960 on 470 degrees of freedom
Residual deviance:   7.7241 on 450 degrees of freedom
AIC: 49.724

Number of Fisher Scoring iterations: 23

> LogReg_glm <- glm(Century ~ + Word_Class + Collocation2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Century ~ + Word_Class + Collocation2, family = "binomial",
      data = data)

Deviance Residuals:
    Min       1Q   Median       3Q      Max
  -2.2293  -1.1100   0.7715   0.9964  1.5035

Coefficients:
                Estimate Std. Error z value Pr(>|z|)
(Intercept)    -0.19516   1.01792  -0.192   0.8480
Word_ClassPred_adj          0.79624   0.35432   2.247   0.0246 *
Collocation2adj_F_Noun      0.93861   1.06464   0.882   0.3780
Collocation2adj_W           -1.34132  1.55506  -0.863   0.3884
Collocation2adv_F            1.79811  1.18212   1.503   0.1330
Collocation2adv_W           -1.34132  1.55506  -0.863   0.3884
Collocation2pronoun_F_Noun  -0.49799  1.11824  -0.445   0.6561
Collocation2pronoun_W_Noun  -0.49799  1.11824  -0.445   0.6561
Collocation2V_F             0.56793   1.12635   0.504   0.6141
Collocation2V_W             0.45472   1.37152   0.332   0.7402
Collocation2def.art_F_Noun  -0.25683  1.12691  -0.228   0.8197
Collocation2def.art_W_Noun  -0.25683  1.12691  -0.228   0.8197
Collocation2W_Noun          0.88830   1.18793   0.748   0.4546
Collocation2F_Noun  0.63715  1.10708  0.576  0.5649
Collocation2ind.art_F_Noun  0.80873  1.15180  0.702  0.4826
Collocation2ind.art_W_Noun  0.61743  1.08018  0.572  0.5676
Collocation2prep_F  -0.26515  1.06125  -0.250  0.8027
Collocation2pronoun_F_Noun  0.03459  1.08721  0.032  0.9746
Collocation2pronoun_W_Noun  0.45830  1.05100  0.436  0.6628
Collocation2V_F  14.96499  550.08956  0.027  0.9783
Collocation2V_W  0.05524  1.106218  0.048  0.9621
Collocation2W_Noun  0.03325  1.09560  0.030  0.9758

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24  on 470 degrees of freedom
Residual deviance: 594.44  on 450 degrees of freedom
AIC: 636.44

Number of Fisher Scoring iterations: 14

> LogReg_glm <- glm(Author ~ + Century + Word_Class + Collocation2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Author ~ + Century + Word_Class + Collocation2, family = "binomial", data = data)

Deviance Residuals:
  Min       1Q    Median       3Q       Max
-2.3007   -1.2915    0.6666    0.9391    1.5315

Coefficients:  Estimate Std. Error z value Pr(>|z|)
(Intercept)         0.76948    1.18148   0.651   0.5149
Century1900s        0.29150    0.21456   1.359   0.1743
Word_ClassPred_adj   1.03291    0.42371   2.438  0.0148 *
Collocation2adj_F_Noun -0.02130    1.22455  -0.017   0.9861
Collocation2adj_W    -1.35729    1.58231  -0.858   0.3910
Collocation2adj_W_Noun -0.17025    1.26681  -0.134   0.8931
Collocation2adv_F    -0.45795    1.45765  -0.314   0.7534
Collocation2adv_F_Noun -0.07966    1.29252  -0.062   0.9509
Collocation2adv_W    14.45570   632.92271  0.023   0.9818
Collocation2def.art_F_Noun  0.73980    1.29967  0.569   0.5692
Collocation2def.art_W_Noun  0.07721    1.23717  0.060   0.9523
Collocation2def.art_W_Noun  0.62590    1.31819  -0.475   0.6349
Collocation2F_Noun       0.40706    1.30310  -0.312   0.7548
Collocation2ind.art_F_Noun  0.77071    1.42371  0.549   0.5828
Collocation2ind.art_W_Noun  0.41114    1.23717  -0.332   0.7396
Collocation2prep_F       -0.53538    1.21142  -0.442   0.6585
Collocation2prep_W       -0.53332    1.21748  -0.438   0.6613
Collocation2pronoun_F_Noun  -0.47530    1.24475  -0.382   0.7026
Collocation2pronoun_W_Noun  -0.47069    1.21136  -0.389   0.6976
Collocation2V_F          -1.17759    1.49251  -0.789   0.4301
Collocation2V_W          -1.57192    1.32378  -1.187   0.2351
Collocation2W_Noun      -0.76876    1.25122  -0.614   0.5389

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 587.89  on 470 degrees of freedom
Residual deviance: 557.06  on 449 degrees of freedom
AIC: 601.06

Number of Fisher Scoring iterations: 14

> LogReg_glm <- glm(Lexeme ~ + Theme2 + Word_Class + Collocation2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Lexeme ~ + Theme2 + Word_Class + Collocation2, family = "binomial", data = data)

Deviance Residuals:
  Min       1Q    Median       3Q       Max
-1.4823   0.0000    0.0000    0.0000    0.9005

Coefficients:  Estimate Std. Error z value Pr(>|z|)
(Intercept)  -2.483e+01  1.135e+05  0.000    1
Theme2actions -1.935e+01  2.195e+05  0.000    1
Theme2appearance -7.269e-01  3.501e+04  0.000    1
Theme2education  2.589e-01  4.809e+04  0.000    1
Theme2feelings  -6.235e-01  3.589e+04  0.000    1
Theme2femininity  4.065e-01  3.363e+04  0.000    1
### Theme2interactions
- $-1.451e+00$  $8.858e+04$  $0.000$  $1$

### Theme2life
- $-1.319e-01$  $4.231e+04$  $0.000$  $1$

### Theme2misc
- $0.000$  $1$

### Theme2opinions
- $2.241e+01$  $2.798e+04$  $0.000$  $1$

### Theme2relationships
- $1.326e+00$  $1.093e+05$  $0.000$  $1$

### Theme2things
- $9.326e-01$  $9.652e+04$  $0.000$  $1$

### Theme2way_of_being
- $1.349e+00$  $4.978e+04$  $0.000$  $1$

### Word_ClassPred_adj
- $8.272e-01$  $2.850e+04$  $0.000$  $1$

### Collocation2adj_F_Noun
- $2.178e+01$  $1.144e+05$  $0.000$  $1$

### Collocation2adj_W
- $5.091e+01$  $1.528e+05$  $0.000$  $1$

### Collocation2adj_W_Noun
- $5.112e+01$  $1.185e+05$  $0.000$  $1$

### Collocation2adv_F
- $6.033e-01$  $1.274e+05$  $0.000$  $1$

### Collocation2adv_F_Noun
- $1.508e+01$  $1.207e+05$  $0.000$  $1$

### Collocation2adv_W
- $5.105e+01$  $1.458e+05$  $0.000$  $1$

### Collocation2def.art_F_Noun
- $5.852e+02$  $1.179e+05$  $0.000$  $1$

### Collocation2def.art_W_Noun
- $4.793e+01$  $1.111e+05$  $0.000$  $1$

### Collocation2det_F_Noun
- $1.408e-01$  $1.265e+05$  $0.000$  $1$

### Collocation2F_Noun
- $3.832e+01$  $1.183e+05$  $0.000$  $1$

### Collocation2ind.art_F_Noun
- $5.490e+01$  $1.230e+05$  $0.000$  $1$

### Collocation2ind.art_W_Noun
- $7.035e+01$  $1.155e+05$  $0.001$  $1$

### Collocation2prep_F
- $1.918e+01$  $1.133e+05$  $0.000$  $1$

### Collocation2prep_W
- $6.950e+01$  $1.458e+05$  $0.001$  $1$

### Collocation2pronoun_F_Noun
- $2.215e+01$  $1.175e+05$  $0.000$  $1$

### Collocation2pronoun_W_Noun
- $6.974e+01$  $1.137e+05$  $0.001$  $1$

### Collocation2V_F
- $5.643e-01$  $1.364e+05$  $0.000$  $1$

### Collocation2V_W
- $7.069e+01$  $1.222e+05$  $0.001$  $1$

### Collocation2W_Noun
- $6.992e+01$  $1.168e+05$  $0.001$  $1$

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 651.3960  on 470 degrees of freedom
Residual deviance:   3.8191  on 438 degrees of freedom
AIC: 69.819

Number of Fisher Scoring iterations: 24

> LogReg_glm <- glm(Lexeme ~ + Theme2 + Word_Class, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Lexeme ~ + Theme2 + Word_Class, family = "binomial",
      data = data)

Deviance Residuals:
    Min       1Q   Median       3Q      Max
-2.0854  -1.0517  -0.8576  1.2296  1.7925

Coefficients:
   Estimate Std. Error z value Pr(>|z|)
(Intercept) -0.30318    0.35266 -0.860  0.38995
Theme2actions        13.86925  535.41128   0.026  0.97933
Theme2appearence      0.15643    0.42715   0.366  0.71421
Theme2education       0.89879   0.66122   1.359  0.17406
Theme2feelings       -0.10131    0.42393  -0.239  0.81111
Theme2interactions   -0.10228    0.57680  -0.177  0.85925
Theme2life           -0.79911    0.57473  -1.390  0.16440
Theme2misc           -0.18132    0.45402  -0.399  0.69862
Theme2opinions        2.35697   1.52885   1.539  0.12299
Theme2relationships  -0.37241    0.57680  -0.648  0.51870
Word_ClassPred_adj   -0.03635    0.28921  -0.126  0.89997

---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 651.3960  on 470 degrees of freedom
Residual deviance:   3.8191  on 438 degrees of freedom
AIC: 69.819

Number of Fisher Scoring iterations: 12

> LogReg_glm <- glm(Author ~ + Theme2 + Decade, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Author ~ + Theme2 + Decade, family = "binomial",
      data = data)

Deviance Residuals:
    Min       1Q   Median       3Q      Max
-2.2969  -1.2083  -0.6460   0.9121  1.7182

Coefficients:
   Estimate Std. Error z value Pr(>|z|)
(Intercept)   0.89472    0.60855   1.470  0.1415
Theme2actions: 12.73656 535.41146 0.024 0.9810
Theme2apparenteness: -0.55442 0.49708 -1.115 0.2647
Theme2education: -0.77351 0.74034 -1.045 0.2961
Theme2feelings: -0.43693 0.48518 -0.901 0.3678
Theme2gender: -0.18844 0.49631 -0.380 0.7042
Theme2interactions: -0.29665 0.67560 -0.439 0.6606
Theme2life: -0.29123 0.64153 -0.454 0.6499
Theme2misc: -0.68622 0.52143 -1.316 0.1882
Theme2opinions: -0.67390 0.58781 -1.147 0.2515
Theme2relationships: -1.47760 0.73375 -2.014 0.0440 *
Theme2things: 0.19136 0.91230 0.210 0.8339
Theme2wayof_being: 0.32120 0.52823 0.608 0.5431
Decade1840s: 1.20481 0.70130 1.718 0.0858 .
Decade1850s: -0.33993 0.59697 -0.569 0.5692
Decade1860s: -0.65482 0.59453 -1.101 0.2707
Decade1870s: -0.23285 0.58615 -0.397 0.6912
Decade1880s: 0.06795 0.57557 0.118 0.9060
Decade1890s: -0.06521 0.57519 -0.114 0.9092
Decade1900s: -0.63384 0.60289 -1.051 0.2931
Decade1910s: 0.28641 0.60174 0.476 0.6341
Decade1920s: 0.28824 0.61144 0.471 0.6373
Decade1930s: 0.56609 0.60777 0.931 0.3516
Decade1940s: 0.10709 0.59448 0.180 0.8570
Decade1950s: 1.85726 0.85975 2.160 0.0308 *
Decade1960s: 1.95047 0.86136 2.264 0.0235 *
Decade1970s: 0.28335 0.58016 0.488 0.6253
Decade1980s: 0.77478 0.64552 1.200 0.2300
Decade1990s: 0.37235 0.61461 0.606 0.5448

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 587.89 on 470 degrees of freedom
Residual deviance: 539.20 on 442 degrees of freedom
AIC: 597.2

Number of Fisher Scoring iterations: 12

> LogReg_glm <- glm(Author~ + Decade, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Author ~ + Decade, family = "binomial", data = data)

Deviance Residuals:
       Min        1Q  Median        3Q       Max
-2.2649 -1.3116  0.7090  0.9005  1.2435

Coefficients:
             Estimate Std. Error z value Pr(>|z|)
(Intercept)  5.108e-01  4.216e-01  1.212   0.2257
Decade1840s  1.147e+00  6.895e-01  1.664   0.0961 .
Decade1850s  2.007e-01  5.793e-01 -0.347   0.7289
Decade1860s -6.650e-01  5.767e-01 -1.153   0.2489
Decade1870s -7.551e-02  5.723e-01 -0.132   0.8950
Decade1880s  1.823e-01  5.605e-01  0.325   0.7450
Decade1890s -1.620e-14  5.578e-01  0.000   1.0000
Decade1900s -6.650e-01  5.767e-01 -1.153   0.2489
Decade1910s  3.365e-01  5.801e-01  0.580   0.5619
Decade1920s  3.001e-01  5.986e-01  0.501   0.6161
Decade1930s  5.008e-01  5.901e-01  0.849   0.3961
Decade1940s  1.310e-01  5.748e-01  0.228   0.8197
Decade1950s  1.887e+00  8.504e-01  2.219   0.0265 *
Decade1960s  1.974e+00  8.482e-01  2.327   0.0199 *
Decade1970s  3.646e-01  5.652e-01  0.645   0.5188
Decade1980s  7.419e-01  6.261e-01  1.185   0.2360
Decade1990s  2.429e-01  6.013e-01  0.404   0.6862

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 587.89 on 470 degrees of freedom
Residual deviance: 552.73 on 454 degrees of freedom
AIC: 586.73

Number of Fisher Scoring iterations: 5

> LogReg_glm <- glm(Verb3~ + Lexeme + Theme2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Verb3 ~ +Lexeme + Theme2, family = "binomial",
     data = data)

Deviance Residuals:
       Min        1Q  Median        3Q       Max
-2.4920 -1.1040  0.2310  0.5920  2.4400

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 587.89 on 470 degrees of freedom
Residual deviance: 552.73 on 454 degrees of freedom
AIC: 586.73
Coefficients: Estimate Std. Error z value Pr(>|z|)
(Intercept) -0.94978 0.40026 -2.373 0.017649 *
Lexemewomanly 0.07389 0.20668 0.358 0.720699
Theme2actions 1.12640 0.45901 2.490 0.013856 *
Theme2appearance 1.88204 0.45408 4.151 3.65e-05 ***
Theme2education 1.58525 0.68287 2.321 0.020622 *
Theme2feelings 1.32640 0.45901 2.880 0.003913 ***
Theme2femininity 0.95266 0.45408 2.088 0.035905 *
Theme2interactions 1.21841 0.84171 1.448 0.147747
Theme2life 0.50987 0.59707 0.854 0.391313
Theme2misc 0.16589 0.49901 0.332 0.739554
Theme2opinions 2.45041 0.64033 4.122 3.76e-05 ***
Theme2relationships 0.81332 0.68040 1.203 0.229090
Theme2things 0.96456 0.74492 1.295 0.195370
Theme2way_of_being 2.00959 0.48758 4.122 3.76e-05 ***
---
Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 650.34 on 470 degrees of freedom
Residual deviance: 578.76 on 457 degrees of freedom
AIC: 606.76

Number of Fisher Scoring iterations: 12

> LogReg_glm <- glm(Verb3 ~ Century + Theme2, data = data, family = "binomial")
> summary(LogReg_glm)

Call: glm(formula = Verb3 ~ Century + Theme2, family = "binomial",
 data = data)

Deviance Residuals:
  Min       1Q   Median       3Q      Max
-1.8343   -1.1418    0.6727    1.0183    2.1772

Coefficients: Estimate Std. Error z value Pr(>|z|)
(Intercept) -1.57780 0.68040 -2.337 0.019052 *
Century1900s 0.10568 0.20506 0.511 0.606498
Theme2actions 1.87088 0.46598 4.016 5.93e-05 ***
Theme2appearance 1.57443 0.68140 2.310 0.020861 *
Theme2education 1.57443 0.68140 2.310 0.020861 *
Theme2feelings 1.32000 0.45843 2.880 0.003978 **
Theme2femininity 0.95460 0.45411 2.102 0.035547 *
Theme2interactions 1.23308 0.84248 1.464 0.143269
Theme2life 0.50289 0.59593 0.844 0.398711
Theme2misc 0.15771 0.49911 0.316 0.751976
Theme2opinions 2.41000 0.63303 3.807 0.000140 ***
Theme2relationships 0.78746 0.68420 1.151 0.249785
Theme2things 0.97571 0.74370 1.312 0.189585
Theme2way_of_being 2.00800 0.48766 4.118 3.82e-05 ***
---
Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 650.34 on 470 degrees of freedom
Residual deviance: 578.62 on 457 degrees of freedom
AIC: 606.62

Number of Fisher Scoring iterations: 12

> LogReg_glm <- glm(Verb3 ~ Collocation2 + Theme2, data = data, family = "binomial")
> summary(LogReg_glm)

Call: glm(formula = Verb3 ~ Collocation2 + Theme2, family = "binomial",
 data = data)

Deviance Residuals:
  Min       1Q   Median       3Q      Max
-2.0641   -1.0391    0.4955    0.9607    2.2741

Coefficients: Estimate Std. Error z value Pr(>|z|)
(Intercept) -1.57780 1.10647 -1.426 0.153875
Collocation2adj_F_Noun 0.44919 0.74383 0.605 0.546786
Collocation2adj_W 1.21096 1.54832 0.782 0.434150
Collocation2adj_W_Noun 0.74419 1.12557 0.661 0.508508
Collocation2adv_F 16.68972 662.93425 0.025 0.980774
Collocation2adv_F_Noun 1.26357 1.16662 1.083 0.278762
Collocation2adv_W 17.00534 997.93664 0.017 0.986404
Collocation2def.art_F_Noun 0.39184 1.10932 0.353 0.723918
Collocation2def.art_W_Noun  0.17537  1.15461  0.152 0.879273 
Collocation2det_F_Noun  0.27172  1.24950  0.217 0.827863 
Collocation2F_Noun  0.61450  1.11547  0.551 0.581708 
Collocation2ind.art_F_Noun  0.11822  1.16635  0.101 0.919267 
Collocation2ind.art_W_Noun  1.13435  1.10284  1.029 0.303682 
Collocation2prep_F  0.92286  1.06503  0.867 0.386213 
Collocation2prep_W  0.11843  1.07263  0.110 0.912081 
Collocation2pronoun_F_Noun  0.64625  1.10486  0.585 0.558602 
Collocation2pronoun_W_Noun  0.25960  1.06725  0.243 0.807818 
Collocation2V_F  1.72968  1.48240  1.167 0.243286 
Collocation2V_W  1.04847  1.19282  0.879 0.379410 
Collocation2W_Noun  1.26687  1.13196  1.119 0.263064 

Theme2actions  -15.24787 2399.54477 0.006 0.994930 
Theme2appearence  1.61057 0.48571 3.316 0.000913 *** 
Theme2education  1.74964 0.70877 2.469 0.013566 * 
Theme2feelings  1.30375 0.47958 2.719 0.006558 ** 
Theme2femininity  0.98970 0.46928 2.109 0.034948 * 
Theme2interactions  -1.04806 0.85534 1.225 0.220460 
Theme2life  0.63270 0.61458 1.029 0.303255 
Theme2misc  -0.02353 0.52545 -0.045 0.964279 
Theme2opinions  2.34661 0.66807 3.513 0.000444 *** 
Theme2relationships  0.84721 0.70232 1.206 0.227703 
Theme2things  1.16042 0.77452 1.498 0.134071 
Theme2way_of_being  1.85184 0.51084 3.625 0.000289 *** 

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 650.34 on 470 degrees of freedom
Residual deviance: 545.73 on 439 degrees of freedom
AIC: 609.73
Number of Fisher Scoring iterations: 15

> LogReg_glm <- glm(Verb3 ~ + Ref.mix + Theme2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Verb3 ~ + Ref.mix + Theme2, family = "binomial",
data = data)

Deviance Residuals:
Min       1Q   Median       3Q      Max
-2.0834  -1.0935   0.5127   0.9741   2.2423

Coefficients:
Estimate Std. Error z value Pr(>|z|)
(Intercept)               0.05602    0.53363  0.105 0.916394
Ref.mixR1.thing_abstract  1.23704    0.40802  3.032 0.002431 **
Ref.mixR1.thing_concrete -1.15593    0.42655 -2.722 0.006490 **
Ref.mixR2.hum_spec        -0.89529    0.42655 -2.099 0.035827 *
Ref.mixR2.thing_abstract  0.29168    0.78312  0.370 0.709552
Ref.mixR2.thing_concrete  1.62824    0.75239  2.164 0.030458 *
Theme2actions             -12.72680  535.41135 -0.024 0.981036
Theme2appearence           1.90691    0.48140  3.961 7.46e-05 ***
Theme2education            1.65734    0.68518  2.419 0.015571 *
Theme2feelings             1.33837    0.46726  2.864 0.004179 **
Theme2femininity           0.98031    0.47111  2.081 0.037448 *
Theme2interactions         -1.24860    0.85228 -1.465 0.142918
Theme2life                 0.39648    0.60991  0.650 0.515654
Theme2misc                 0.20309    0.50617  0.401 0.688255
Theme2opinions             1.99303    0.65973  3.021 0.002520 **
Theme2relationships        0.66040    0.69655  0.948 0.343082
Theme2things               0.92096    0.75387  1.222 0.221843
Theme2way_of_being         1.77753    0.50061  3.551 0.000384 ***

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 650.34 on 470 degrees of freedom
Residual deviance: 565.75 on 453 degrees of freedom
AIC: 601.75
Number of Fisher Scoring iterations: 12

> LogReg_lrm <- lrm(Verb3 ~ + Ref.mix + Theme2, data = data, x=T, y=T)
> LogReg_lrm

Logistic Regression Model

lrm(formula = Verb3 ~ + Ref.mix + Theme2, data = data, x = T, y = T)

Frequencies of Responses
event_verbs state_verbs
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<th>Obs</th>
<th>Max Deriv Model</th>
<th>L.R.</th>
<th>d.f.</th>
<th>P</th>
<th>C</th>
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<td>Brier</td>
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<th>Z</th>
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<td>0.0176</td>
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</tr>
<tr>
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<td>0.4266</td>
<td>-2.10</td>
<td>0.0358</td>
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<tr>
<td>Ref.mix=R2.thing abstract</td>
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<td>-0.37</td>
<td>0.7096</td>
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<tr>
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<td>-1.62824</td>
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<td>-2.16</td>
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<td>Theme2=actions</td>
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<td>Theme2=appearance</td>
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<td>0.4814</td>
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<td>0.0001</td>
</tr>
<tr>
<td>Theme2=education</td>
<td>1.65734</td>
<td>0.6852</td>
<td>2.42</td>
<td>0.0156</td>
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<tr>
<td>Theme2=feelings</td>
<td>0.98031</td>
<td>0.4711</td>
<td>2.08</td>
<td>0.0374</td>
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<td>Theme2=femininity</td>
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<td>-0.37</td>
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<td>0.8523</td>
<td>-1.47</td>
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<td>Theme2=life</td>
<td>0.39648</td>
<td>0.6099</td>
<td>0.65</td>
<td>0.5157</td>
</tr>
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<td>Theme2=misc</td>
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<td>0.6597</td>
<td>3.02</td>
<td>0.0025</td>
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<tr>
<td>Theme2=opinions</td>
<td>-5.1855</td>
<td>22.3482</td>
<td>-0.23</td>
<td>0.8165</td>
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<tr>
<td>Theme2=relationships</td>
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<td>0.4003</td>
<td>-2.37</td>
<td>0.0176</td>
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<tr>
<td>Theme2=things</td>
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<td>0.425</td>
<td>0.449</td>
<td>0.6883</td>
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<tr>
<td>Theme2=way_of_being</td>
<td>0.20309</td>
<td>0.5062</td>
<td>0.40</td>
<td>0.6883</td>
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Logistic Regression Model

lrm(formula = Verb3 ~ + Lexeme + Theme2, data = data, x = T, y = T)

Frequencies of Responses

<table>
<thead>
<tr>
<th>event_verbs</th>
<th>state_verbs</th>
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<tbody>
<tr>
<td>Obs</td>
<td>Max Deriv Model</td>
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<tr>
<td>471</td>
<td>0.002</td>
</tr>
<tr>
<td>Tau-a</td>
<td>R2</td>
</tr>
<tr>
<td>0.212</td>
<td>0.188</td>
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<table>
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<tr>
<th>Coef</th>
<th>S.E.</th>
<th>Wald</th>
<th>Z</th>
<th>P</th>
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<tr>
<td>Intercept</td>
<td>-0.4948</td>
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<tr>
<td>Lexeme=womanly</td>
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<td>0.2067</td>
<td>-0.36</td>
<td>0.7207</td>
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<tr>
<td>Decade1850s</td>
<td>0.40362</td>
<td>0.96149</td>
<td>0.420</td>
<td>0.67465</td>
</tr>
<tr>
<td>Decade1860s</td>
<td>0.94454</td>
<td>0.89267</td>
<td>1.058</td>
<td>0.29001</td>
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<tr>
<td>Decade1870s</td>
<td>0.09815</td>
<td>1.04340</td>
<td>0.094</td>
<td>0.92506</td>
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<td>0.9571</td>
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<tr>
<td>Decade1890s</td>
<td>0.50999</td>
<td>0.4990</td>
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<tr>
<td>Decade1900s</td>
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<td>0.6403</td>
<td>3.83</td>
<td>0.0001</td>
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<tr>
<td>Decade1910s</td>
<td>0.07203</td>
<td>0.4876</td>
<td>4.12</td>
<td>0.0000</td>
</tr>
</tbody>
</table>

> LogReg_glm <- glm(Polarity ~ + Lexeme + Decade, data = data, family = "binomial")
> summary(LogReg_glm)

Call:

glm(formula = Polarity ~ + Lexeme + Decade, family = "binomial",
    data = data)

Deviance Residuals:

Min 1Q Median 3Q Max
-2.6696 0.3600 0.4074 0.5070 0.6622

Coefficients:

Estimate Std. Error t value Pr(>|t|)
(Intercept) 2.44732 0.75776 3.230 0.00124 **
Lexeme=womanly -0.09690 0.32535 -0.298 0.76584
Decade1840s -0.40362 0.96149 -0.420 0.67465
Decade1850s -0.94454 0.89267 -1.058 0.29001
Decade1860s 0.09815 1.04340 0.094 0.92506
Decade1870s 0.16362 1.04126 0.157 0.87514
Decade1880s 0.35322 1.03878 0.340 0.73383
Decade1890s 0.49406 0.91183 0.492 0.62238
Decade1900s 0.30955 1.04304 0.306 0.76073
Decade1910s -0.47242 0.96509 -0.490 0.62448
Decade1920s -0.69704 0.91721 -0.760 0.44728
Decade1930s -0.20394 0.95714 -0.213 0.83127
Decade1940s -0.25358 0.95920 -0.264 0.79150
Decade1950s -0.47242 0.96509 -0.490 0.62448
Decade1960s 0.07203 1.04396 0.069 0.94499
Decade 1970s  1.08729  1.25592  0.86  0.38664
Decade 1980s  0.84768  1.25930  0.673  0.50086
Decade 1990s  0.03082  1.04462  0.030  0.97646

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 296.89 on 470 degrees of freedom
Residual deviance: 287.68 on 453 degrees of freedom
AIC: 323.68

Number of Fisher Scoring iterations: 6

> LogReg_glm <- glm(Polarity ~ + Lexeme + Decade + Author + Theme2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Polarity ~ + Lexeme + Decade + Author + Theme2, family = "binomial", data = data)

Deviance Residuals:
  Min       1Q   Median       3Q      Max
-3.4367   0.1944   0.3505   0.5103   1.3904

Coefficients:
                      Estimate  Std. Error z value  Pr(>|z|)
(Intercept)            3.50602     1.13746   3.082  0.00205 **
Lexemewomanly          0.08980     0.35335   0.254  0.79940
Decade1840s -0.40681     0.99765 -0.408  0.68344
Decade1850s -1.39190     0.94506 -1.473  0.14080
Decade1860s  0.14471     1.08037  0.134  0.89344
Decade1870s -0.06858     1.07256 -0.064  0.94902
Decade1880s  0.30105     1.07748  0.279  0.77993
Decade1890s -0.48408     0.94663 -0.511  0.60990
Decade1900s  0.05936     0.96591  0.054  0.95722
Decade1910s -0.39812     0.96591 -0.412  0.68021
Decade1920s -0.67705     0.95387 -0.710  0.47783
Decade1930s -0.13175     0.88663 -0.133  0.89398
Decade1940s -0.23886     0.99888 -0.239  0.81100
Decade1950s -0.43382     0.99690 -0.435  0.66344
Decade1960s -0.28307     0.98864 -0.260  0.79489
Decade1970s  0.38163     1.07729  0.354  0.72315
Decade1980s  0.91603     1.30628  0.701  0.48314
Decade1990s  0.38163     1.07729  0.354  0.72315
Authormale -0.55395     0.39242 -1.412  0.15806
Theme2actions 16.00827   652.63885  0.002  0.99804
Theme2education -0.40472    1.30243 -0.311  0.75600
Theme2feelings 15.72542  1423.34485  0.011  0.99118
Theme2femininity -0.92178     0.84664 -1.089  0.27616
Theme2interactions 15.72542  1423.34485  0.011  0.99118
Theme2life  0.20659     1.29413  0.160  0.87317
Theme2misc -0.77592     0.89903 -0.863  0.38810
Theme2opinions -2.13795   3956.18040 -0.229  0.82192
Theme2relationships -2.18813     1.06900 -2.047  0.04067 *
Theme2things 15.41762   2011.69834  0.008  0.99389
Theme2way_of_being 1.23695     1.26171  0.980  0.32690

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 296.89 on 470 degrees of freedom
Residual deviance: 260.30 on 440 degrees of freedom
AIC: 322.3

Number of Fisher Scoring iterations: 17

> LogReg_glm <- glm(Polarity ~ + Lexeme + Decade + Author + Theme2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Polarity ~ + Lexeme + Decade + Author + Theme2, family = "binomial", data = data)

Deviance Residuals:
  Min       1Q   Median       3Q      Max
-3.0042   0.1908   0.4117   0.5056   0.8762

Coefficients:
                      Estimate  Std. Error z value  Pr(>|z|)
(Intercept)            3.11016     0.80237   3.876  0.000106 ***
Lexemewomanly          0.04584     0.34126  0.134  0.893143
Authormale -0.50399     0.36856 -1.367  0.171478
Theme2actions 14.91406   3956.18040  0.004  0.996992
Theme2appearance -0.47660     0.83199 -0.573  0.566749
Theme2education -0.22675     1.27357 -0.178  0.858692
Call:
  glm(formula = Author ~ Lexeme + Decade + Theme2, family = "binomial",
data = data)

Deviance Residuals:
  Min       1Q   Median       3Q      Max
-2.3194  -1.2013   0.6532   0.9088   1.7894

Coefficients:
  Estimate Std. Error z value Pr(>|z|)
(Intercept)           0.99038    0.61650   1.606   0.1082
Lexemewomanly        -0.22535    0.22037  -1.023   0.3065
Decade1840s           1.20228    0.70086   1.715   0.0863 .
Decade1850s           -0.29477    0.59914  -0.492   0.6227
Decade1860s           -0.64208    0.59565  -1.078   0.2811
Decade1870s           -0.23277    0.58665  -0.407   0.6864
Decade1880s           0.09017    0.57609   0.157   0.8756
Decade1890s           0.06483    0.57219  -0.113   0.9098
Decade1900s           0.06450    0.60335  -0.108   0.9132
Decade1910s           0.30084    0.60239   0.500   0.6175
Decade1920s           0.27623    0.61232   0.451   0.6519
Decade1930s           0.56212    0.59665   0.930   0.3551
Decade1940s           0.07310    0.58665   0.126   0.9001
Decade1950s           1.81685    0.86043   2.134   0.0327 *
Decade1960s           1.92381    0.86245   2.231   0.0257 *
Decade1970s           0.25866    0.57816   0.446   0.6564
Decade1980s           0.76382    0.64699   1.196   0.2345
Decade1990s           0.32913    0.61596   0.534   0.5931
Theme2actions       12.86586  535.41148   0.024   0.9808
Theme2appearancen  -0.53100    0.49798  -1.069   0.2833
Theme2education     -0.72024    0.74257  -0.970   0.3321
Theme2families       -0.40576    0.48662  -0.834   0.4044
Theme2femininity  -0.18926    0.49666  -0.381   0.7032
Theme2interactions  -0.29464    0.67615  -0.436   0.6610
Theme2life           -0.25476    0.64236  -0.397   0.6917
Theme2minimism       -0.65807    0.52298  -1.250   0.2123
Theme2opinions       -0.56912    0.59662  -0.954   0.3401
Theme2relationships -1.49635    0.73588  -2.033   0.0420 *
Theme2things         0.15431    0.91479   0.169   0.8660
Theme2way_of_being  0.31470    0.52881   0.595   0.5518

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
(Dispersion parameter for binomial family taken to be 1)

Null deviance: 587.89 on 470 degrees of freedom
Residual deviance: 538.15 on 441 degrees of freedom
AIC: 598.15
Number of Fisher Scoring iterations: 12

> data <- read.table(file.choose(), header=T)
> summary(data)

Decade             Refl_medium
1970s  : 21   characteristics:58
1940s  : 20   people         :42
1890s  : 18   misc           :25
1950s  : 18   activity       :25
1960s  : 18   emotion        :23
1990s  : 18   body_parts     :20
(Other):157   (Other)        :76
> mcatab <- mca(data, abbrev = T)
> plot(mcatab, rows = F, col = 1)
> data <- read.table(file.choose(), header=T)
> summary(data)

<table>
<thead>
<tr>
<th>Decade</th>
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<tbody>
<tr>
<td>1880s</td>
<td>20</td>
</tr>
<tr>
<td>1850s</td>
<td>18</td>
</tr>
<tr>
<td>1910s</td>
<td>18</td>
</tr>
<tr>
<td>1890s</td>
<td>17</td>
</tr>
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<tr>
<td>1870s</td>
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<td>(Other)</td>
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</table>

> mcatab <- mca(data, abbrev = T)
> plot(mcatab, rows = F, col = 1)
> data <- read.table(file.choose(), header=T)
> summary(data)

<table>
<thead>
<tr>
<th>Lexeme</th>
<th>Year</th>
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<th>Century</th>
<th>Author</th>
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<tr>
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<td>1880s</td>
<td>1900s:277</td>
<td>male:322</td>
<td>Pred_adj: 83</td>
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<tr>
<td>Median:1914</td>
<td>1890s</td>
<td>1910s</td>
<td>1930s:30</td>
<td>misc:35</td>
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<tr>
<td>Mean:1915</td>
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<td>1940s</td>
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> LogReg_glm <- glm(Century ~ + Ref1_medium + Ref1.mix, data = data, family = "binomial")
Error in eval(expr, envir, enclos) : object 'Century' not found
> LogReg_glm <- glm(Century ~ + Ref1_medium + Ref1.mix, data = data, family = "binomial")
Error in eval(expr, envir, enclos) : object 'Century' not found
> data <- read.table(file.choose(), header=T)
> summary(data)

<table>
<thead>
<tr>
<th>Theme2</th>
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<th>Ref1</th>
<th>Ref1_medium</th>
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<tr>
<td>appearance</td>
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<tr>
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<td>: 72</td>
<td>situations</td>
<td>: 55</td>
</tr>
<tr>
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</tr>
<tr>
<td>action</td>
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<tr>
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<td>R2.NA</td>
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<tr>
<td>R1.thinking_abstract</td>
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<td>: 61</td>
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<tr>
<td>R1.thinking_concrete</td>
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<tr>
<td>R2.NA</td>
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<td>R2.NA</td>
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</tbody>
</table>

> LogReg_glm <- glm(Century ~ + Ref1_medium + Ref1.mix, data = data, family = "binomial")
Error in eval(expr, envir, enclos) : object 'Ref1.mix' not found
> LogReg_glm <- glm(Century ~ + Ref1_medium + Ref1.mix, data = data, family = "binomial")
> summary(data)

<table>
<thead>
<tr>
<th>Theme2</th>
<th>Theme3</th>
<th>Ref1</th>
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<tbody>
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</tbody>
</table>

> LogReg_glm <- glm(Century ~ + Ref1_medium + Ref1.mix, data = data, family = "binomial")
Error in eval(expr, envir, enclos) : object 'Ref1.mix' not found
> LogReg_glm <- glm(Century ~ + Ref1_medium + Ref1.mix, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Century ~ +Ref1_medium + Ref.mix, family = "binomial",
data = data)

Deviance Residuals:
    Min       1Q   Median       3Q      Max
-2.1939 -1.0621  0.5682  1.0553  1.4820

Coefficients:
                         Estimate Std. Error z value Pr(>|z|)
(Intercept)                  1.564067  0.734720   2.129  0.03327 *
Ref1_medium=aesthetic      -0.366365   0.808883  -0.453  0.65060
Ref1_medium=appearence       1.370569   0.563584   2.432  0.01502 *
Ref1_medium=behavior        -0.209999   0.524805  -0.400  0.68905
Ref1_medium=body_parts       0.816518   0.499319   1.635  0.10199
Ref1_medium=characteristics -0.008049   0.444540  -0.020  0.98555
Ref1_medium=clothing         0.272503   0.830614   0.328  0.74286
Ref1_medium=emotion          0.374158   0.496712   0.753  0.45129
Ref1_medium=interaction      2.239085   0.810721   2.762  0.00575 **
Ref1_medium=material_things  0.510408   0.554632   0.920  0.35743
Ref1_medium=misc             0.965544   0.516086   1.871  0.06136 .
Ref1_medium=people           0.177892   0.648754   0.274  0.78393
Ref.mix=R1.thing_abstract    -1.833434   0.667208  -2.748  0.00600 **
Ref.mix=R1.thing_concrete    -1.490918   0.685501  -2.175  0.02964 *
Ref.mix=R2.hum_spec          -1.890090   0.634932  -2.977  0.00291 **
Ref.mix=R2.thing_abstract    -1.480137   0.969089  -1.527  0.12667
Ref.mix=R2.thing_concrete    -1.644067   0.926626  -1.774  0.07602 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24  on 470  degrees of freedom
Residual deviance: 577.60  on 454  degrees of freedom
AIC: 611.6

Number of Fisher Scoring iterations: 4

> LogReg_lrm <- lrm(Century ~ +Ref1_medium + Ref.mix, data = data, x=T, y=T)
> LogReg_lrm

Logistic Regression Model
lrm(formula = Century ~ +Ref1_medium + Ref.mix, data = data, x = T, y = T)  

Frequencies of Responses
1800s 1900s
194    277

Obs Max Deriv Model L.R. d.f.   P  C  Dxy Gamma Tau-a R2 Brier
471   6e-11  60.64  16 0 0.692 0.385 0.41

  Coef    S.E.   Wald Z  P
Intercept                  1.56407 0.7347  2.13  0.0333
Ref1_medium=aesthetic      -0.36636 0.8089  -0.45  0.6506
Ref1_medium=appearence      1.37057 0.5636   2.43  0.0150
Ref1_medium=behavior       -0.20999 0.5248  -0.40  0.6890
Ref1_medium=body_parts      0.81652 0.4993   1.64  0.1020
Ref1_medium=characteristics -0.00805 0.4445  -0.02  0.9856
Ref1_medium=clothing       0.27250 0.8306   0.33  0.7429
Ref1_medium=emotion        0.37416 0.4967   0.75  0.4513
Ref1_medium=interaction    -2.23908 0.8108  -2.76  0.0058
Ref1_medium=material_things 0.51041 0.5546   0.92  0.3574
Ref1_medium=misc           0.96554 0.5161   1.87  0.0614
Ref1_medium=people         0.17789 0.6488   0.27  0.7839
Ref.mix=R1.thing_abstract  -1.83343 0.6672  -2.75  0.0060
Ref.mix=R1.thing_concrete  -1.49092 0.6855  -2.17  0.0296
Ref.mix=R2.hum_spec        -1.89009 0.6349  -2.98  0.0029
Ref.mix=R2.thing_abstract  -1.48014 0.9691  -1.53  0.1267
Ref.mix=R2.thing_concrete  -1.64407 0.9266  -1.77  0.0760

> LogReg_glm <- glm(Verb3 ~ +Theme2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Verb3 ~ +Theme2, family = "binomial", data = data)

Deviance Residuals:
    Min       1Q   Median       3Q      Max
-1.8158 -1.1661  0.6536  1.0383  2.1460

Coefficients:
Estimate Std. Error z value Pr(>|z|)
(Intercept)   -0.9808     0.3909 -2.509 0.012095 *
Theme2actions 1.8788     0.4656  4.035 5.45e-05 ***
Theme2education 1.5686     0.6811  2.303 0.021274 *
Theme2feelings 1.3173     0.4582  2.875 0.004039 **
Theme2femininity 0.9542     0.4540  2.102 0.035584 *
Theme2interactions -1.2164     0.8416 -1.445 0.148376
Theme2life      0.4953     0.5956  0.832 0.405590
Theme2misc      0.1625     0.4989  0.326 0.744588
Theme2opinions  2.4159     0.6328  3.818 0.000135 ***
Theme2relationships -1.1216     0.8416 -1.319 0.187095
Theme2way_of_being  2.0149     0.4873  4.134 3.56e-05 ***

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 650.34  on 470  degrees of freedom
Residual deviance: 578.89  on 458  degrees of freedom
AIC: 604.89

Number of Fisher Scoring iterations: 12

> LogReg_lrm <- lrm(Verb3 ~ + Theme2 + Ref.mix, data = data, x=T, y=T)
> summary(LogReg_lrm)

Logistic Regression Model

lrm(formula = Verb3 ~ + Theme2 + Ref.mix, data = data, x = T, y = T)

Frequencies of Responses

event_verbs state_verbs
218         253

Obs Max Deriv Model L.R.       d.f.          P          C
Dxy      Gamma
471      0.002      84.59         17          0      0.733      0.466      0.481
Tau
a         R2      Brier
0.232       0.22      0.208

Coef     S.E.    Wald Z P
Intercept  0.05602  0.5336  0.10  0.9164
Theme2=actions  -5.36987 22.3488 -0.24  0.8101
Theme2=appearance  1.90691  0.4814  3.96  0.0001
Theme2=education  1.65734  0.6852  2.42  0.0156
Theme2=feelings  1.33837  0.4673  2.86  0.0042
Theme2=femininity  0.98031  0.4711  2.08  0.0374
Theme2=interactions -1.24860  0.8523 -1.47  0.1429
Theme2=life  0.39648  0.6099  0.65  0.5157
Theme2=misc  0.20309  0.5062  0.40  0.6883
Theme2=opinions  0.3770     0.7820  0.482   0.6297
Theme2=relationships  0.6376  0.4873  1.308   0.1908
Theme2=things  0.8297  0.4867  1.705   0.0883
Theme2=way_of_being  0.7948  0.3742  2.124   0.0336

> LogReg_glm <- glm(Lexeme ~ + Author + Ref1_medium, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Lexeme ~ + Author + Ref1_medium, family = "binomial",
     data = data)

Deviance Residuals:
Min        1Q    Median        3Q        Max
-1.4730   -1.1481   -0.5928    1.0945    1.9108

Coefficients:
Estimate Std. Error z value Pr(>|z|)
(Intercept)  -0.1573     0.3448 -0.456 0.6483
Authormale   -0.4394     0.2096 -2.096 0.0361 *
Ref1_mediumaesthetic  0.3770     0.7820  0.482 0.6297
Ref1_mediumappearance  0.6376     0.4873  1.308 0.1908
Ref1_mediumbehavior  0.8297     0.4867  1.705 0.0883
Ref1_mediumbody_parts  0.3196     0.4823  0.663 0.5075
Ref1_mediumcharacters  0.7948     0.3742  2.124 0.0336 *
Ref1_mediumclothing -15.1627    544.9037 -0.028 0.9778
Ref1_mediumemotion  0.6142     0.4397  1.397 0.1625
Ref1_mediuminteraction -0.9203     0.6471 -1.422 0.1549
Ref1_mediummaterial_things -1.0532     0.6455 -1.632 0.1027
Ref1_mediummisc  -0.3159     0.4898 -0.645 0.5189
Logistic Regression Model

\[ \text{LogReg\_lrm} \left< \text{lrm} \left( \text{Lexeme} \sim \text{Author} + \text{Ref1\_medium}, \text{data} = \text{data}, \text{x=T, y=T} \right) \right> \]

Logistic Regression Model

\[ \text{glm} \left( \text{formula} = \text{Lexeme} \sim \text{+Century} + \text{Author} + \text{Ref1\_medium}, \text{data} = \text{data}, \text{family} = \text{"binomial"} \right) \]

Call:

\[ \text{glm} \left( \text{formula} = \text{Lexeme} \sim \text{+Century} + \text{Author} + \text{Ref1\_medium}, \text{data} = \text{data}, \text{family} = \text{"binomial"} \right) \]

Deviance Residuals:

\[ \begin{array}{rrrrr}
\text{Min} & \text{1Q} & \text{Median} & \text{3Q} & \text{Max} \\
-1.5569 & -1.1371 & -0.5396 & 1.1374 & 1.9995
\end{array} \]

Coefficients:

\[ \begin{array}{cccccc}
\text{Estimate} & \text{Std. Error} & \text{z value} & \text{Pr(>|z|)} \\
(Intercept) & 0.06836 & 0.35917 & 0.190 & 0.8491 \\
\text{Century1900s} & -0.05097 & 0.20652 & -2.450 & 0.0143 * \\
\text{Authormale} & -0.40423 & 0.21126 & -1.913 & 0.0557 . \\
\text{Ref1\_mediumaesthetic} & 0.32248 & 0.78958 & 0.408 & 0.6830 \\
\text{Ref1\_mediumappearance} & 0.78419 & 0.49777 & 1.585 & 0.1130 \\
\text{Ref1\_mediumbehavior} & 0.79036 & 0.49022 & 1.612 & 0.1069 \\
\text{Ref1\_mediumbody\_parts} & 0.41813 & 0.48832 & 0.856 & 0.3919 \\
\text{Ref1\_mediumcharacteristics} & 0.05638 & 0.35917 & 0.190 & 0.8491 \\
\text{Ref1\_mediumclothing} & -15.13270 & 535.18467 & -0.028 & 0.9774 \\
\text{Ref1\_mediummotion} & 0.63296 & 0.44313 & 1.428 & 0.1532 \\
\text{Ref1\_mediuminteraction} & -0.72823 & 0.65488 & -1.112 & 0.2661 \\
\text{Ref1\_mediummaterial\_things} & -0.10153 & 0.65036 & -1.555 & 0.1199 \\
\text{Ref1\_mediummisc} & -0.22806 & 0.49432 & -0.461 & 0.6445 \\
\text{Ref1\_mediumpeople} & 0.53240 & 0.41595 & 1.290 & 0.1941 \\
\end{array} \]

Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 . ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 651.40 on 470 degrees of freedom
Residual deviance: 603.79 on 457 degrees of freedom
AIC: 631.79

Number of Fisher Scoring iterations: 14
Frequencies of Responses

<table>
<thead>
<tr>
<th>Feminine</th>
<th>Womanly</th>
</tr>
</thead>
<tbody>
<tr>
<td>249</td>
<td>222</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Obs</th>
<th>Max Deriv Model</th>
<th>L.R.</th>
<th>d.f.</th>
<th>P</th>
<th>C</th>
<th>Dxy</th>
<th>Gamma</th>
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<tbody>
<tr>
<td>471</td>
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<td>47.6</td>
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<td>0</td>
<td>0.667</td>
<td>0.333</td>
<td>0.347</td>
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<tr>
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<td>Brier</td>
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<td></td>
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</tr>
<tr>
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<td>0.128</td>
<td>0.226</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

Coeff S.E. Wald Z P

Intercept 0.06836 0.3592 0.19 0.8491
Century=1900s -0.50597 0.2065 -2.45 0.0143
Author=male -0.40423 0.2113 -1.91 0.0557
Ref1_medium=aesthetic 0.32248 0.7896 0.41 0.6830
Ref1_medium=appearance 0.78419 0.4948 1.58 0.1130
Ref1_medium=behavior 0.79036 0.4902 1.61 0.1069
Ref1_medium=body parts 0.41813 0.4883 0.86 0.3919
Ref1_medium=characteristics 0.76560 0.3774 2.03 0.0425
Ref1_medium=clothing -7.79876 22.5576 -0.35 0.7295
Ref1_medium=emotion 0.63296 0.4431 1.43 0.1532
Ref1_medium=interaction -0.72823 0.6549 -1.11 0.2661
Ref1_medium=material things -1.01153 0.6504 -1.56 0.1199
Ref1_medium=misc -0.22806 0.4948 -0.46 0.6445
Ref1_medium=people 0.53240 0.4100 1.30 0.1941

Deviance Residuals:

Min 1Q Median 3Q Max
-2.0908 -1.0438 0.5958 0.9785 1.5406

Coefficients:

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24 on 470 degrees of freedom
Residual deviance: 577.87 on 457 degrees of freedom
AIC: 605.87

Number of Fisher Scoring iterations: 4

Logistic Regression Model

Frequencies of Responses

<table>
<thead>
<tr>
<th>1800s</th>
<th>1900s</th>
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<th>L.R.</th>
<th>d.f.</th>
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<th>C</th>
<th>Dxy</th>
<th>Gamma</th>
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<tr>
<td>471</td>
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<td>60.37</td>
<td>13</td>
<td>0</td>
<td>0.705</td>
<td>0.41</td>
<td>0.426</td>
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<tr>
<td>Tau-a</td>
<td>R2</td>
<td>Brier</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>0.199</td>
<td>0.162</td>
<td>0.213</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Coeff S.E. Wald Z P

Intercept -0.007167 0.3570 -0.02 0.9840
Lexeme=womanly -0.499824 0.2068 -2.42 0.0157
Author=male 0.357521 0.2153 1.66 0.0967
Ref1_medium=aesthetic -0.444232 0.8055 -0.55 0.5813
Ref1_medium=appearance 1.304308 0.5409 2.41 0.0159
Ref1_medium=behavior -0.315567 0.4866 -0.65 0.5167
Ref1_medium=body_parts 0.813692 0.5029 1.62 0.1057
Ref1_medium=characteristics -0.252886 0.3735 -0.68 0.4983
Ref1_medium=clothing 0.092667 0.8355 0.11 0.9117
Ref1_medium=emotion 0.137490 0.4399 0.31 0.7546
Ref1_medium=interaction 2.073697 0.8142 2.55 0.0109
Ref1_medium=material_things 0.391257 0.5574 0.70 0.4827
Ref1_medium=misc 0.702848 0.4889 1.44 0.1505
Ref1_medium=people 1.288544 0.4317 2.98 0.0028

> LogReg_glm <- glm(Century + Lexeme + Author + Theme2, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Century ~ Lexeme + Author + Theme2, family = "binomial",
      data = data)

Deviance Residuals:
  Min      1Q  Median      3Q     Max
  -2.284  -1.183   0.850   1.019   1.454

Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.098342   0.398704  0.247   0.8052
Lexemewomanly -0.585665   0.199953 -2.929  0.0034 **
Authormale    0.463630   0.208928  2.219  0.0265 *
Theme2actions -13.542374 535.411303 -0.025  0.9808
Theme2appearance  0.409493   0.431041  0.950  0.3421
Theme2behavior -0.019392   0.650657 -0.030  0.9762
Theme2feelings  0.037299   0.430694  0.087  0.9310
Theme2femininity -0.006284   0.427501 -0.015  0.9883
Theme2interactions  0.681178   0.609459  1.118  0.2637
Theme2life -0.143330   0.571308 -0.251  0.8019
Theme2misc    0.270297   0.465041  0.581  0.5611
Theme2opinions  0.633815   0.550370  1.152  0.2495
Theme2relationships  2.433091 1.107540  2.197  0.0280 *
Theme2things  0.060853   0.747583  0.081  0.9351
Theme2way_of_being  0.245465   0.446473  0.550  0.5825

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 . ‘.’ 0.1 ‘ ’ 1

Dispersion parameter for binomial family taken to be 1

Null deviance: 638.24  on 470  degrees of freedom
Residual deviance: 609.01  on 456  degrees of freedom
AIC: 639.01

Number of Fisher Scoring iterations: 12

> LogReg_lrm <- lrm(Century ~ +Lexeme + Author + Theme2, data = data, x=T, y=T)
> LogReg_lrm

Logistic Regression Model
lrm(formula = Century ~ +Lexeme + Author + Theme2, data = data,
     x = T, y = T)

Frequencies of Responses
1800s 1900s
194 277

Coefficients:
           Coef    S.E.   Wald Z P
Intercept    0.098342  0.398704  0.25  0.8052
Lexemewomanly -0.585665  0.199953 -2.929  0.0034 **
Authormale    0.463630  0.208928  2.22  0.0265
Theme2actions -6.234477 22.9000  -0.27  0.7854
Theme2appearance  0.409493   0.431041  0.950  0.3421
Theme2behavior -0.019392   0.650657 -0.030  0.9762
Theme2feelings  0.037299   0.430694  0.087  0.9310
Theme2femininity -0.006284   0.427501 -0.015  0.9883
Theme2interactions  0.681178   0.609459  1.118  0.2637
Theme2life -0.143330   0.571308 -0.251  0.8019
Theme2misc    0.270297   0.465041  0.581  0.5611
Theme2opinions  0.633815   0.550370  1.152  0.2495
Theme2relationships  2.433091 1.107540  2.197  0.0280 *
Theme2things  0.060853   0.747583  0.081  0.9351
Theme2way_of_being  0.245465   0.446473  0.550  0.5825

> LogReg_glm <- glm(Century ~ Lexeme + Author + Theme2, data = data, family = "binomial")
> summary(data)

Lexeme | Year | Decade | Century | Author | Word_Class
-------|------|--------|---------|--------|-------------
feminine:249 | Min. :1830 | 1970s : 34 | 1900s:194 | female:149 | Att_adj : 388
womanly :222 | 1st Qu.:1876 | 1980s : 33 | 1900s:277 | male :122 | Pred_adj: 83
Mean :1915 | 1990s : 30 | 3rd Qu.:1956 | 1930s : 30 | Max. :1999 | 1940s : 29
(Other):283

Polarity | Collocation | Collocation2 | Collocation3
---------|-------------|-------------|-------------
negative: 45 | adj_F.N.sing | : 40 | pronoun_W.Noun: 57 | prep :101
positive:426 | pronoun_W.N.sing: 33 | prep_F | : 56 | pronoun_Noun: 84
of_F.N.sing: 28 | adj_F.Noun | : 47 | adj_Noun | : 68
ind.art.W.N.sing: 20 | prep_W | : 45 | ind.art_Noun: 48
def_F.N.sing: 19 | ind.art_W.Noun | : 32 | Noun | : 84
of_W.N.sing: 19 | pronoun_F.Noun | : 27 | def.art_Noun | : 44
(Other):301 | (Other) | :312 | (Other) | :207 | (Other) | : 79

Subjecthood | Verb | Verb2 | Verb3
------------|-----|------|------
Adverbial:104 | be | : 113 | achievement_verbs: 39 | event_verbs:218
Direct.object:189 | have | : 30 | action_verbs | :160 | state_verbs:253
Subject:94 | look | : 9 | cognition_verbs | : 12
Subject_pred: 84 | see | : 6 | copular_verbs | : 12
seem | : 6 | emotion_verbs | : 40
smile | : 6 | emotion_verbs | : 19
(Other):301 | state_verbs | : 69

Emphatic | Meaning | Axiology | Humor | Theme
---------|---------|----------|-------|-------
Emph | feminine:224 | negative: 20 | Non_Hum:471 | physical_appearance: 55
Non_emph:417 | womanly:247 | neutral :384 | female_qualities | : 44
positive: 67 | misc | : 42 | way_of_being | : 39
female_traits | : 27 | opinions | : 23
(Other) | :2

Theme2 | Theme3 | Ref1 | Ref1_medium
------|-------|-----|----------
appearance | : 76 | misc | : 59 | she | : 34 | characteristics:124
femininity | : 75 | people | :245 | nature | : 15 | people | : 73
feelings | : 72 | situations | : 55 | voice | : 12 | emotion | : 47
way_of_being | : 61 | states | : 112 | instinct | : 11 | activity | : 40
misc | : 49 | woman | : 10 | misc | : 35
action | : 33 | dignity | : 9 | behavior | : 32
(Other) | :105 | (Other) | :380 | (Other) | :120

Ref1_Type | Ref2 | Ref2_Type
--------|------|------
R1.hum_spec | : 70 | R2.NA | :342 | appearance | : 8 | R2.hum_spec | :106
R1.thing_abstract:248 | her | : 61 | misc | : 14 | R2.NA | :343
R1.thing_concrete:153 | she | : 17 | person | :107 | R2.thing_abstract: 11
your | : 7 | R2.NA | :342 | R2.thing_concrete: 11
body | : 2
Margaret: | 2
(Other) | :40

Ref1_Gender | Ref2_Gender | Ref.mix
----------|-------------|------
RG1.fem: 64 | RG2.fem: 96 | R1.hum_spec | : 60
RG1.NA:107 | RG2.NA:137 | R1.thing_abstract:163
R1.thing_concrete:121
R2.hum_spec | :105 | R2.thing_abstract: 11
R2.thing_concrete: 11

> LogReg_glm <- glm(Century ~ + Lexeme + Author + Theme2 + Ref1_Gender + Emphatic + Ref2_Type + Meaning + Polarity + Axiology + Ref2_Gender + Ref.mix, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
  glm(formula = Century ~ + Lexeme + Author + Theme2 + Ref1_Gender + Emphatic + Ref2_Type + Meaning + Polarity + Axiology + Ref2_Gender + Ref.mix, family = "binomial", data = data)

Deviance Residuals:
  Min 1Q Median 3Q Max
-2.2053 -1.1142 0.5446 0.9995 1.6179

Coefficients: (2 not defined because of singularities)

Estimate Std. Error t value Pr(>|z|)
(Intercept) 31.94788 1782.49103 0.018 0.98570
Lexemewomanly -15.45183 1029.12166 -0.015 0.98802
Authormale 0.47694 0.22086 2.159 0.03082 *
Theme2actions 15.29804 1455.39760 0.011 0.99161
Theme2apperearance -0.21522 0.71335 -0.302 0.76289
Theme2feelings 0.24880 0.45772 0.544 0.58673
Theme2femininity 0.24880 0.45772 0.544 0.58673
Theme2interactions 2.30660 1.13087 2.040 0.04138 *
Theme2life 0.37747 0.48560 0.777 0.43697
Theme2misc 0.09086 0.60262 0.151 0.88016
Theme2opinions 0.30889 0.45948 0.672 0.50141
Theme2relationships 2.30660 1.13087 2.040 0.04138 *
Theme2things 0.05066 0.81335 0.062 0.95034
Theme2way_ofbeing -0.16428 0.49464 -0.332 0.73980
Ref1_GenderRG1.NA -0.73431 0.55920 -1.313 0.18914

Coefficients: (2 not defined because of singularities)
EmphaticNon_emph   -0.02727    0.36791   -0.074    0.94090  
Ref2_TypeR2.NA     -16.54002   1455.39773  -0.011    0.99093  
Ref2_TypeR2.thing_abstract  -17.25660   1455.39803  -0.012    0.99054  
Ref2_TypeR2.thing_concrete  -17.35858   1455.39801  -0.012    0.99048  
Meaningwomany  -14.89321   1029.12166  -0.014    0.98845  
Polaritypositive  0.05107    0.38482   0.133    0.89442  
Axiologyneutral   0.60815    0.62082   0.980    0.32729  
Axiologypositive  0.39842    0.66487   0.599    0.54901  
Ref2_GenderRG2.NA  0.39842    0.66487   0.599    0.54901  

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24 on 470 degrees of freedom
Residual deviance: 566.43 on 443 degrees of freedom
AIC: 622.43

Number of Fisher Scoring iterations: 14

> LogReg_glm <- glm(Century ~ + Lexeme + Author + Theme2 + Ref1_Gender + Emphatic + Ref2_Type + Meaning + Polarity + Axiology + Ref2_Gender, data = data, family = "binomial")
> summary(LogReg_glm)

Null deviance: 638.24 on 470 degrees of freedom
Residual deviance: 566.43 on 443 degrees of freedom
AIC: 622.43

Number of Fisher Scoring iterations: 14

> LogReg_glm <- glm(Century ~ + Lexeme + Author + Theme2 + Ref1_Gender + Emphatic + Ref2_Type + Meaning + Polarity + Axiology, data = data, family = "binomial")
> summary(LogReg_glm)

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24 on 470 degrees of freedom
Residual deviance: 580.10 on 446 degrees of freedom
AIC: 630.1

Number of Fisher Scoring iterations: 13

> LogReg_glm <- glm(Century ~ + Lexeme + Author + Theme2 + Ref1_Gender + Emphatic + Ref2_Type + Meaning + Polarity + Axiology, data = data, family = "binomial")
> summary(LogReg_glm)

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24 on 470 degrees of freedom
Residual deviance: 580.10 on 446 degrees of freedom
AIC: 630.1

Number of Fisher Scoring iterations: 13
Coefficients:
Estimate Std. Error z value Pr(>|z|)
(Intercept) 14.80741 624.19465 0.024 0.9811
Lexemewomanly -14.77291 624.19412 -0.024 0.9811
Authormale 0.42383 0.21673 1.956 0.0505
Theme2actions -14.42000 882.74348 -0.016 0.9870
Theme2appearance 0.33157 0.45041 0.736 0.4616
Theme2education -0.25243 0.69945 -0.361 0.7182
Theme2feelings 0.06309 0.44440 0.142 0.8871
Theme2femininity 0.04387 0.43846 0.100 0.9203
Theme2interactions 0.66066 0.61713 1.071 0.2844
Theme2life -0.28796 0.58954 -0.488 0.6252
Theme2misc 0.26495 0.47113 0.562 0.5739
Theme2opinions 0.04455 0.60140 0.142 0.8871
Theme2relationships 2.1385 1.12594 1.966 0.0493
Theme2things 0.12958 0.78636 0.165 0.8691
Theme2way_of_being -0.15773 0.47869 -0.329 0.7418
Ref1_GenderRG1.NA -1.62503 0.39888 -4.074 4.62e-05
EmphaticNon_emph 0.05165 0.36125 0.143 0.8863
Ref2_TypeR2.NA 0.19166 0.24467 0.783 0.4334
Ref2_TypeR2.thing_abstract 0.72187 0.74153 0.976 0.3303
Ref2_TypeR2.thing_concrete 0.49855 0.71414 0.698 0.4851
Meaningwomanly 0.14207 0.62413 -0.024 0.9811
Axiologyneutral 0.93011 0.51713 1.799 0.0721
Axiologypositive 0.36291 0.60243 0.602 0.5469
---
Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)
Null deviance: 638.24 on 470 degrees of freedom
Residual deviance: 580.74 on 448 degrees of freedom
AIC: 626.74

Number of Fisher Scoring iterations: 13
Call:
\texttt{glm(formula = Century + Author + Theme2 + Ref1\_Gender + Emphatic + Ref2\_Type + Meaning + Axiology, data = data)}

\texttt{family = "binomial")}

\texttt{summary(LogReg\_glm)}

## Deviance Residuals:

\begin{itemize}
\item Min  \quad -2.2146
\item 1Q  \quad -1.1337
\item Median  \quad 0.6332
\item 3Q  \quad 1.0058
\item Max  \quad 1.6523
\end{itemize}

## Coefficients:

\begin{itemize}
\item Estimate \quad Std. Error \quad z value \quad Pr(\>|z|)
\item (Intercept)  \quad 0.05280  \quad 0.75595  \quad 0.070  \quad 0.9443
\item Authormale  \quad 0.43858  \quad 0.21538  \quad 2.036  \quad 0.0417 *
\item Theme2actions  \quad -13.42027  \quad 535.41133  \quad -0.025  \quad 0.9800
\item Theme2appareance  \quad 0.32611  \quad 0.44884  \quad 0.727  \quad 0.4675
\item Theme2education  \quad 0.06439  \quad 0.65558  \quad 0.098  \quad 0.9218
\item Theme2feelings  \quad 0.05657  \quad 0.44276  \quad 0.128  \quad 0.8983
\item Theme2 femininity  \quad 0.03881  \quad 0.43609  \quad 0.089  \quad 0.9291
\item Theme2interactions  \quad 0.66352  \quad 0.61701  \quad 1.075  \quad 0.2822
\item Theme2life  \quad -0.29080  \quad 0.58940  \quad -0.493  \quad 0.6217
\item Theme2misc  \quad 0.26205  \quad 0.47092  \quad 0.556  \quad 0.5779
\item Theme2opinions  \quad 0.02407  \quad 0.59347  \quad 0.041  \quad 0.9676
\item Ref1\_GenderRG1.NA  \quad -1.62871  \quad 0.39783  \quad -4.094  \quad 4.24e-05 ***
\item EmphaticNon_emph  \quad 0.06082  \quad 0.35663  \quad 0.171  \quad 0.8640
\item Ref2\_TypeR2.NA  \quad 0.20446  \quad 0.24399  \quad 0.838  \quad 0.4020
\item Ref2\_TypeR2.thing\_abstract  \quad 0.74283  \quad 0.74125  \quad 1.002  \quad 0.3163
\item Ref2\_TypeR2.thing\_concrete  \quad 0.52288  \quad 0.71311  \quad 0.733  \quad 0.4634
\item Meaningwomanly  \quad 0.53972  \quad 0.21066  \quad 2.562  \quad 0.0104 *
\item Axiologyneutral  \quad 0.93072  \quad 0.51729  \quad 1.799  \quad 0.0720 .
\item Axiologypositive  \quad 0.39864  \quad 0.56247  \quad 0.709  \quad 0.4785
\end{itemize}

---

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24  on 470  degrees of freedom
Residual deviance: 583.59  on 449  degrees of freedom

AIC: 627.59

Number of Fisher Scoring iterations: 12

Null deviance: 638.24 on 470 degrees of freedom
Residual deviance: 583.59 on 449 degrees of freedom

AIC: 627.59

Call:
\texttt{glm(formula = Century + Author + Theme2 + Ref1\_Gender + Ref2\_Type + Meaning + Axiology, family = "binomial")}

\texttt{summary(LogReg\_glm)}

## Deviance Residuals:

\begin{itemize}
\item Min  \quad -2.2146
\item 1Q  \quad -1.1337
\item Median  \quad 0.6261
\item 3Q  \quad 1.0046
\item Max  \quad 1.6447
\end{itemize}

## Coefficients:

\begin{itemize}
\item Estimate \quad Std. Error \quad z value \quad Pr(\>|z|)
\item (Intercept)  \quad 0.05280  \quad 0.75595  \quad 0.070  \quad 0.9443
\item Authormale  \quad 0.43858  \quad 0.21538  \quad 2.036  \quad 0.0417 *
\item Theme2actions  \quad -13.42027  \quad 535.41133  \quad -0.025  \quad 0.9800
\item Theme2appareance  \quad 0.32611  \quad 0.44884  \quad 0.727  \quad 0.4675
\item Theme2education  \quad 0.06439  \quad 0.65558  \quad 0.098  \quad 0.9218
\item Theme2feelings  \quad 0.05657  \quad 0.44276  \quad 0.128  \quad 0.8983
\item Theme2 femininity  \quad 0.03881  \quad 0.43609  \quad 0.089  \quad 0.9291
\item Theme2interactions  \quad 0.66352  \quad 0.61701  \quad 1.075  \quad 0.2822
\item Theme2life  \quad -0.29080  \quad 0.58940  \quad -0.493  \quad 0.6217
\item Theme2misc  \quad 0.26205  \quad 0.47092  \quad 0.556  \quad 0.5779
\item Theme2opinions  \quad 0.02407  \quad 0.59347  \quad 0.041  \quad 0.8640
\item Ref1\_GenderRG1.NA  \quad -1.62871  \quad 0.39783  \quad -4.094  \quad 4.24e-05 ***
\item EmphaticNon_emph  \quad 0.06082  \quad 0.35663  \quad 0.171  \quad 0.8640
\item Ref2\_TypeR2.NA  \quad 0.20446  \quad 0.24399  \quad 0.838  \quad 0.4020
\item Ref2\_TypeR2.thing\_abstract  \quad 0.74283  \quad 0.74125  \quad 1.002  \quad 0.3163
\item Ref2\_TypeR2.thing\_concrete  \quad 0.52288  \quad 0.71311  \quad 0.733  \quad 0.4634
\item Meaningwomanly  \quad 0.53972  \quad 0.21066  \quad 2.562  \quad 0.0104 *
\item Axiologyneutral  \quad 0.93072  \quad 0.51729  \quad 1.799  \quad 0.0720 .
\item Axiologypositive  \quad 0.39864  \quad 0.56247  \quad 0.709  \quad 0.4785
\end{itemize}

---

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24 on 470 degrees of freedom
Residual deviance: 583.62  on 450  degrees of freedom
AIC: 625.62

Number of Fisher Scoring iterations: 12

> LogReg_glm <- glm(Century ~ +Author + Theme3 + Ref1_Gender + Ref2_Type + Meaning + Axiology, data = data, family = "binomial")
> summary(LogReg_glm)

Call:  
glm(formula = Century ~ +Author + Theme3 + Ref1_Gender + Ref2_Type + 
    Meaning + Axiology, family = "binomial", data = data)

Deviance Residuals:
     Min       1Q   Median       3Q      Max
-2.0965  -1.1395   0.6727   0.9964   1.6675

Coefficients:
            Estimate Std. Error z value Pr(>|z|)
(Intercept)     0.25946    0.67465   0.385  0.70055
Authormale     0.36644    0.21044   1.741  0.08163 .
Theme3people   -0.01227    0.31199  -0.039  0.96862
Theme3situations -0.37753    0.39291  -0.961  0.33662
Theme3states    0.17736    0.34499  -0.514  0.60718
Ref1_GenderRG1.NA -1.52401   0.36225  -4.207 2.59e-05 ***
Ref2_TypeR2.NA   0.25248    0.23844   1.059  0.28966
Ref2_TypeR2.thing_abstract  0.87045   0.72531   1.200  0.23010
Ref2_TypeR2.thing_concrete  0.61035   0.68694   0.889  0.37427
Meaningwomanly  0.53297    0.20395   2.613  0.00897 **
Axiologyneutral  0.93324    0.49827   1.873  0.06108 .
Axiologypositive  0.33806    0.55115   0.613  0.53963

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24  on 470  degrees of freedom
Residual deviance: 593.84  on 459  degrees of freedom
AIC: 617.84

Number of Fisher Scoring iterations: 4

> LogReg_glm <- glm(Century ~ +Author + Theme2 + Ref1_Gender + Ref2_Type + 
    Meaning + Axiology, data = data, family = "binomial")
> summary(LogReg_glm)

Call:  
glm(formula = Century ~ +Author + Theme2 + Ref1_Gender + Ref2_Type + 
    Meaning + Axiology, family = "binomial", data = data)

Deviance Residuals:
     Min       1Q   Median       3Q      Max
-2.2146  -1.1337   0.6332   1.0058   1.6523

Coefficients:
            Estimate Std. Error z value Pr(>|z|)
(Intercept)       0.08083    0.73752   0.110   0.9127
Authormale       0.43688    0.21512   2.031  0.0423 *
Theme2actions   -13.41514  535.41133 -0.025   0.9800
Theme2education  -0.07157    0.65412  -0.109   0.9129
Theme2feelings   0.06298    0.44097   0.143   0.8864
Theme2femininity 0.04568    0.44088   0.105   0.9162
Theme2interactions 0.66974    0.61588   1.087   0.2768
Theme2life       -0.28926   0.58953  -0.491   0.6237
Theme2misc       0.26654    0.47010   0.567   0.5707
Theme2opinions   0.03194    0.59159   0.054   0.9569
Theme2relationships 2.21084  1.11920   1.975   0.0482 *
Theme2things    -0.15604   0.47834  -0.326   0.7443
Ref1_GenderRG1.NA  -1.61848   0.39310  -4.117  3.83e-05 ***
Ref2_TypeR2.NA   0.20328    0.24393   0.833   0.4046
Ref2_TypeR2.thing_abstract  0.74718   0.74091   1.008   0.3132
Ref2_TypeR2.thing_concrete  0.51577   0.71226   0.724   0.4690
Meaningwomanly    0.53596    0.20947   2.559   0.0105 *
Axiologyneutral   0.49484    0.50479  1.882   0.0599 .
Axiologypositive  0.40436    0.56121   0.721   0.4712

Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24  on 470  degrees of freedom
Residual deviance: 583.62  on 459  degrees of freedom
AIC: 625.62

Number of Fisher Scoring iterations: 12
Logistic Regression Model

\[
\text{Logistic Regression Model}
\]

\[
\text{lrm(formula = Century} ~ + \text{Author} + \text{Theme2} + \text{Ref1_Gender} + \text{Ref2_Type} + \text{Meaning} + \text{Axiology, data = data, x=T, y=T)}
\]

Frequencies of Responses

<table>
<thead>
<tr>
<th>Obs</th>
<th>Max</th>
<th>Deriv Model</th>
<th>L.R.</th>
<th>d.f.</th>
<th>P</th>
<th>C</th>
<th>Dxy</th>
<th>Gamma</th>
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<td>0.383</td>
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\[
\text{Tau-a} \quad \text{R2} \quad \text{Brier}
\]

<table>
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<tr>
<th>Tau-a</th>
<th>R2</th>
<th>Brier</th>
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<tr>
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<td>0.148</td>
<td>0.216</td>
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\[
\text{Coeff} \quad \text{S.E.} \quad \text{Wald} \quad \text{Z} \quad \text{P}
\]

| Intercept | 0.08083 | 0.73752 | 0.110 | 0.9127 |
| Author=ma| 0.43688 | 0.21512 | 2.031 | 0.0423 |
| Theme2=appearance | -6.10725 | 22.9007 | -0.271 | 0.7897 |
| Theme2=education | 0.07157 | 0.65412 | 0.110 | 0.9129 |
| Theme2=femininity | 0.04568 | 0.44341 | 0.111 | 0.9162 |
| Theme2=interactions | 0.66974 | 0.61588 | 1.090 | 0.2768 |
| Theme2=life | -0.28926 | 0.58953 | -0.49 | 0.6237 |
| Theme2=misc | 0.26654 | 0.47010 | 0.57 | 0.5707 |
| Theme2=opinions | 0.03194 | 0.59163 | 0.057 | 0.9569 |
| Theme2=relationships | 2.21084 | 1.11920 | 1.980 | 0.0482 |
| Theme2=things | 0.14864 | 0.78291 | 0.190 | 0.8494 |
| Theme2=way_of_being | -0.15604 | 0.47833 | -0.33 | 0.7443 |
| Ref1_Gender=RG1.NA | -1.61848 | 0.39310 | -4.110 | 0.0000 |
| Ref2_Type=R2.NA | 0.20328 | 0.24393 | 0.830 | 0.4046 |
| Ref2_Type=R2.thing_abstract | 0.74718 | 0.74091 | 1.010 | 0.3132 |
| Ref2_Type=R2.thing_concrete | 0.51577 | 0.71230 | 0.72 | 0.4690 |
| Meaning=womanly | 0.94904 | 0.50481 | 1.880 | 0.0599 |
| Meaning=neutral | 0.94036 | 0.56127 | 0.72 | 0.4712 |

\[
\text{Null deviance: 638.24 on 470 degrees of freedom}
\]

\[
\text{Residual deviance: 583.62 on 450 degrees of freedom AIC: 625.62}
\]

Number of Fisher Scoring iterations: 12
> LogReg_glm <- glm(Century + Author + Theme2 + Ref1_Gender + Ref2_Type + Meaning * Axiology, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Century ~ Author + Theme2 + Ref1_Gender + Ref2_Type + Meaning * Axiology, family = "binomial", data = data)

Deviance Residuals:
Min       1Q   Median       3 Q      Max
-2.2644  -1.1701   0.5954   1.0043   1.8784

Coefficients:
             Estimate Std. Error z value Pr(>|z|)
(Intercept) -0.13105    0.95314  0.137   0.8906
Authormale   0.48411    0.21740   2.227   0.0260 *
Theme2actions -13.54197  535.41134 -0.025   0.9798
Theme2appearance  0.27231    0.44824  0.608   0.5435
Theme2education  0.04578    0.65531  0.070   0.9443
Theme2feelings   0.27231    0.44824  0.608   0.5435
Theme2femininity  0.04578    0.65531  0.070   0.9443
Theme2interactions  0.61975    0.59375  1.010   0.3124
Theme2life    -0.32817    0.59375  0.553   0.5805
Theme2opinions  0.26858    0.46855  0.573   0.5665
Theme2relationships  2.32991    1.12834  2.065   0.0389 *
Theme2things   0.20324    0.79375  0.256   0.7979
Theme2way_of_being -0.16360    0.47920  0.341   0.7328
Ref1_GenderRG1.NA -1.63328    0.40057  4.077 4.55e-05 ***
Ref2_TypeR2.NA    0.19455    0.24594  0.791   0.4289
Ref2_TypeR2.thing_abstract  0.73635    0.73532  1.001   0.3166
Ref2_TypeR2.thing_concrete  0.49063    0.72078  0.681   0.4961
Meaningwomanly   0.87059    1.01682  0.856   0.3919
Axiologyneutral  1.25613    0.83191  1.510   0.1311
Axiologypositive  0.13075    0.24594  0.531   0.5942
Meaningwomanly:Axiologyneutral  0.51987    1.03907  0.500 6.13e-01
Meaningwomanly:Axiologypositive   0.66246    1.14963  0.576   0.5645

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 638.24  on 470 degrees of freedom
Residual deviance: 579.52  on 448 degrees of freedom
AIC: 625.52

Number of Fisher Scoring iterations: 12

> LogReg_glm <- glm(Author ~ Century + Lexeme + Ref1_medium, data = data, family = "binomial")
> summary(LogReg_glm)

Call:
glm(formula = Author ~ Century + Lexeme + Ref1_medium, family = "binomial", data = data)

Deviance Residuals:
Min       1Q   Median       3Q      Max
-2.0276  -1.3158   0.7543   0.8934   1.3224

Coefficients:
             Estimate Std. Error z value Pr(>|z|)
(Intercept)   0.2877     0.3537   0.813   0.4160
Century1900s  0.3614     0.2151   1.680   0.0929 .
Lexemewomanly -0.3990     0.2115  -1.887   0.0592 .
Ref1_mediumaesthetic -0.2233     0.7851  -0.284   0.7761
Ref1_mediumappearance  0.2594     0.5030   0.516   0.6061
Ref1_mediumbehavior  0.4628     0.4982   0.929   0.3529
Ref1_mediumbody_part  0.3094     0.4977   0.622   0.5341
Ref1_mediumcharacteristics  0.6602     0.3820   1.728   0.0839 .
Ref1_mediumclothing -0.2044     0.8368  -0.244   0.8071
Ref1_mediumemotion  0.5200     0.4981  1.044   0.2964
Ref1_mediuminteraction  1.2695     0.7099   1.788   0.0737 .
Ref1_mediummaterial_things -0.1447     0.5514  -0.262   0.7930
Ref1_mediummisc     0.5405     0.4202  1.286   0.1983

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 587.89  on 470 degrees of freedom
Residual deviance: 570.59  on 457 degrees of freedom
AIC: 598.59

Number of Fisher Scoring iterations: 4

> LogReg_lrm <- lrm(Author ~ Century + Lexeme + Ref1_medium, data = data, x=T, y=T)
> LogReg_lrm
Logistic Regression Model

```r
lrm(formula = Author ~ +Century + Lexeme + Ref1_medium, data = data, 
    x = T, y = T)
```

Frequencies of Responses

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> LogReg_glm <- glm(Author~ +Century + Lexeme + Theme2 , data = data, family = "binomial")
> summary(LogReg_glm)

Call:
```
glm(formula = Author ~ +Century + Lexeme + Theme2, family = "binomial", 
    data = data)
```

Deviance Residuals:
```r
Min 1Q Median 3Q Max
-1.9321 -1.3277 0.7565 0.8838 1.4496
```

Coefficients:
```r
Estimate Std. Error z value Pr(>|z|)
(Intercept) 0.85525 0.42135 2.020 0.0424 *
Century1900s 0.46757 0.20876 2.240 0.0251 *
Lexemewomanly -0.26480 0.21160 -1.251 0.2108
```

---

Signif. codes: 0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 587.89 on 470 degrees of freedom
Residual deviance: 566.20 on 456 degrees of freedom
AIC: 596.2

Number of Fisher Scoring iterations: 12

> LogReg_glm <- glm(Author~ +Century + Lexeme , data = data, family = "binomial")
> summary(LogReg_glm)

Call:
```
glm(formula = Author ~ +Century + Lexeme, family = "binomial", 
    data = data)
```

Deviance Residuals:
```r
Min 1Q Median 3Q Max
-1.6635 -1.3452 0.7597 0.8919 1.0184
```

Coefficients:
```r
Estimate Std. Error z value Pr(>|z|)
(Intercept) 0.7166 0.1899 3.773 0.000162 ***
Century1900s 0.3786 0.2028 1.867 0.061990 .
Lexemewomanly -0.3305 0.2017 -1.638 0.101351
```

---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

(Dispersion parameter for binomial family taken to be 1)

Null deviance: 587.89  on 470  degrees of freedom
Residual deviance: 580.65  on 468  degrees of freedom
AIC: 586.65

Number of Fisher Scoring iterations: 4

>
the days of my childhood with cap guns and books,
suggestion in the shifting color and slightly conscious eyelids of the young fellow.

in "beauty had not come to their eyes in many a long day. Even in
tumult. A feeling of pleasurable excitement which seemed to emanate from
feminine

played the one Polonaise I knew on the antique harpsichord with built-in

doling feathers

inappropriate ornamented with gems and chains of gold. His hair, in almost

luxuriance, descended in ringlets upon his neck. A large hat made of the

only to let it fall again in utter weariness. For a moment her feminine curiosity

suggested by the discovery of an old book, in whose blank leaves

remembering her defence of him last night. He was used to admiration from

eyes, and flattery from soft lips, but found something new and charming in

, they are not quite so likely to be perilously seductive as their more emphatically

sisters. Dr. Butts had known Lurida and her friend from the days of their

; I had felt her emotions, when the danger being over, her feminine nature gained

the ascendancy and she fainted in my arms. I could no longer

! " Indeed, she could not help noticing that there was really a strong feminine

suggestion in the shifting color and slightly conscious eyelids of the young fellow.

"!

She is a thoroughly good girl, but she has her little grain of feminine spite, like

the rest. Well, he's richer than you,

? RICHARD Yeh. HAROLD She's four years old. MOTHER So cute and

, she's like a little blonde peach. FRED Does Carol have a friend

"! "The matter needed pondering, but Bill was blushing under the unaccustomed

attention, and besides the warning bell was due. He began quickly
doling feathers

"! "Rat tart! " Roy was shrieking in a high imitation of a feminine voice. He was recounting something he had seen on television to his sister.

. Absently she ran her fingers through her thick hair. It was a wonderfully

gesture, reminding Jason that underneath the professional surface was a very attractive woman.

. As usual, Paxton seemed busy. He let Norman in with a little feminine gesture of irritation. " Oh heavens, you again. " He smoked like

. At the hour for retiring, the ladies' cabin was filled with the feminine portion of the passengers, who began to divest themselves of their garments in order

. Both women were of Latin descent, in their early twenties, dark-haired, feminine

and vivacious, with thick but well-drawn features and expressive eyes; tall and slender

. But she was far too intelligent for that. Her good sense overcame the feminine craving; she surprised him by holding her tongue. He waited for a second

. Gerald, Will and Ashley sat about the room smoking, smiling at the feminine
turnt. A feeling of pleasurable excitement which seemed to emanate from

Scarlett was on them

Example

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</table>
Mrs. Quentin's answer veiled the least shade of repugnance to "bugs" and creeping things so far as to assist in his industry are always worth securing. To the highest domestic happiness they are capable of.

The words moved gracefully across the page. Her script was lovely and quite feminine. The stationery and writing varies with each envelope: some are written in fine hand on expensive paper -- others in large crude scrawl on cheap paper. PULL.

The stationery and writing varies with each envelope: some are written in fine hand on expensive paper -- others in large crude scrawl on cheap paper.

The words moved gracefully across the page. Her script was lovely and quite feminine, with nice loops and whirls. # I felt stupid. I stared at the envelope with typical helplessness, real as well as assumed, had trapped him. For what could dominate herself to tell him that Millie, for all her femininity, had a gentleman in my father's employ bearing the same name. . . .

The presence of the seal on the letter annoys her. DISSOLVE.

"What can I do for you? " A man named Lemberg called you yesterday to there's a gentleman in my father's employ bearing the same name. . . .

"It's impossible. " Mrs. Quentin's answer veiled the least shade of resentment. "I told Alan that, where he had failed, there was no help.

Also, willst du dass Herr Bink was, with nice loops and whirls. # I felt stupid. I stared at the envelope with typical helplessness, real as well as assumed, had trapped him. For what could dominate herself to tell him that Millie, for all her femininity, had a gentleman in my father's employ bearing the same name. . . .

"He looked around suddenly. The girl was gone. Simultaneously, a peremptory voice was calling them from a window. "Also, willst du dass Herr Bink was, with nice loops and whirls. # I felt stupid. I stared at the envelope with typical helplessness, real as well as assumed, had trapped him. For what could dominate herself to tell him that Millie, for all her femininity, had a gentleman in my father's employ bearing the same name. . . .

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a run-away. As I raised my hand to lash the brute again, a feminine shriek reached my ears, and I became aware that there were ladies in the a week. He was a ridiculous peacock of a man with a honey-coated, feminine voice and dimples so deep that they might have been the handiwork of a ball aesthetic sense; the delicacy of her body was resembled by the fineness of her feminine mind; she was entirely, deliciously, decorative. The black brocade mules by all-male high school. In the street-clothes rehearsals he could not bring himself to minic feminine attitudes: his soul dropped a portcullis against that distortion. But once in full alone. Lizzie was busy packing trunks and arranging boxes, while every description of feminine paraphernalia was lying about the room in disorder. " Now let me help you and a frilly ruffle on the bed. His thick body slept alone in that feminine double bed. Whole days went by now when Bernstein forgot to think of Sylvia and a Japanese samurai. She was always the man and she always looked devastatingly feminine. Joe explained, " Katsumi organized a fan club. Osaka girls who idolized and could shoot at a mark with wonderful skill. But dancing was the only feminine accomplishment with which she had any acquaintance. She was so restless in her disposition and growl. Actually, Florence is hard to make out, she's quite feminine in many ways. I like her very much and to tell the truth I and heart-broken for life. She will become a cold, cynical, unfeeling woman -- a feminine copy of her granite brother. " " I! " reiterated Rosa, testily and her own resemblance to the chaste and lovely moon goddess. She had felt feminine and seductive. But it hadn't lasted. His interest had disappeared just as and neither mingled with it nor was turned aside. With a sad kind of feminine ingenuity, she found a way to kneel before her tyrant undetected, though in and variety, than Bryant's work ever possessed. Longfellow's genius was almost feminine in its flexibility and its sympathetic quality. It readily took the color of its and wondering on the part of the child. But the lady had a natural feminine desire for reciprocity, particularly in the presence of our emotion-scoring sex, and as Anna so plump; but secretly she believed plumpness to be the only type of feminine beauty worth considering. At the same time Anna's attractivewaves often made her mother arguing with a woman. They will talk so fast, they have such a feminine gift for making the worse appear the better reason, that I would far rather around. Her pregnancy, though it didn't show, gave her a cool feminine selfconfidence. She found she could arouse admiring glances in the toughest young men and arrest and her sentencing had taken their toll. Her body had lost its subtle feminine roundness, so she'd appeared angular and bony in the shapeless prison uniform. as erect as a candle. He had a light, clear complexion of almost feminine delicacy; blonde, curly hair, which he always kept carefully brushed; a As for the chastity, I reckon I'll always have to pay for whatever feminine companionship I get. I see girls I like, but when I say hello as his gaze met Edith's. As for Mae, she had that delicious feminine pride which is as good a stimulus as success to women -- in emergencies. as prompt, perhaps it will be pleasanter than the last. " Her quick feminine eye noticed a little excitement in his manner and a more studious attention to his feminine 1890 1890s 1800s male Att_adj positive ind.art_F_N.sing feminine 1989 1980s 1900s male Att_adj positive adj_F_N.sing feminine 1922 1920s 1900s male Att_adj positive pronoun_F_N.sing feminine 1967 1960s 1900s male Att_adj negative V_F_N.plur feminine 1875 1870s 1800s female Att_adj positive of_F_N.sing feminine 1995 1990s 1900s male Att_adj positive dem.det_F_N.sing feminine 1954 1950s 1900s male Pred_adj positive adv_F feminine 1851 1850s 1800s male Pred_adj positive adv_F_N.sing feminine 1969 1960s 1900s male Pred_adj positive adv_F_in feminine 1870 1870s 1800s female Pred_adj positive ind.art_F_N.sing feminine 1944 1940s 1900s female Pred_adj positive V_F feminine 1860 1860s 1800s male Att_adj positive of_F_N.sing feminine 1891 1890s 1800s male Pred_adj positive adv_F_in feminine 1879 1870s 1800s male Att_adj positive adj_F_N.sing feminine 1932 1930s 1900s male Att_adj positive of_F_N.sing feminine 1859 1850s 1800s male Att_adj positive ind.art_F_N.sing feminine 1951 1950s 1900s male Att_adj positive adj_F_N.sing feminine 1993 1990s 1900s female Att_adj positive adj_F_N.sing feminine 1877 1870s 1800s male Att_adj positive adv_F_N.sing feminine 1980 1980s 1900s male Att_adj positive pronoun_F_N.sing feminine 1876 1870s 1800s female Att_adj positive adj_F_N.sing feminine 1883 1880s 1800s male Att_adj positive adj_F_N.sing
hattles skill, but what of that? She is capricious. Her despotism is feminine; and in her empire, more certainly than any other, it may be be ridiculous. So instead of smiling, she bridged over the awful greetings with feminine engineering skill quite equal to some great strategic movement in war.

Peter was made feminine, or a lady vet like Annie Williamson. She wanted a nice sweet feminine domestic girl in nicely pressed dresses who would be on the honor roll and play in the orchard. Aunt Winifred has been making her summer vanities all day out in the orchard. But we give small heed to either one of them. The sea views and Every of her evident terror augments these qualities.

But we give small heed to either one of them. The sea views and feminine costumes are supposed to be of the highest order, and there is polo at canoe to Emio. During the continuance of the panic there occurred an instance of feminine heroism that I can not omit to record. In the grounds of the famous class he'd taken in college: he explained how ancient cultures worshipped both the feminine and the masculine within a single person. " What do you think, Emma clearly distinguishable, yet it seemed more familiar to the unintentional listener. something of feminine curiosity now entered the bosom of Margaret Cooper. Crouching where she was, she clung to her body like a perfume. She was one of those women whose feminine quality persisted through any kind of emotional weather. " You hurt your head, colored and myopic, which gave her a sweet, inward look. She was feminine and dainty and she dressed always with a hint of a passed period. She commiseration. He was proving the possession of those qualities which appeal strongly to the feminine nature; he was showing himself capable of prompt, courageous action, and his common height, and her ripened figure was moulded in the most finished model of feminine grace. Nothing could be more fascinatingly perfect than the undulating outline of her person control) If you don't pull yourself together and start to act like a feminine person, you'll get more of these injections, p. 92 TERESA (Goes into conventional kind. Myron's masculinity was, at times, intense, but the feminine aspect of his nature were the controlling ones, as I knew best. He wanted conversation ceased until the head waiter had ushered them to their private table. Every feminine eye sharpened to see what toilette Mrs. Van Ryn would be wearing this time.

could see me this day the counterpart to herself. " This was said with feminine spirit and the pouting lip of a spoiled child. " Then why art thou feminine, creature, not to be handled, nor even approached too closely. In her feminine self, Hilda was natural, and of pleasant deportment, endowed with a mild creature, to be handled, nor even approached too closely. In her feminine self, Hilda was natural, and of pleasant deportment, endowed with a mild feminine 1856 1850s 1800s male Pred_adj positive N.sing V_F feminine 1894 1890s 1800s male Att_adj positive with_F N.sing feminine 1967 1960s 1900s male Att_adj positive adj F_adj feminine 1989 1860s 1800s female Att_adj positive to F N.plur feminine 1936 1930s 1900s male Att_adj negative adj F N.sing feminine 1992 1990s 1900s male Att_adj positive V F N.plur feminine 1979 1970s 1900s female Att_adj positive adj F N.plur feminine 1949 1940s 1900s male Pred_adj positive V adv F feminine 1888 1880s 1800s male Att_adj positive F N.plur feminine 1846 1840s 1800s male Att_adj positive of F N.sing feminine 1992 1990s 1900s female Noun positive def art F feminine 1842 1840s 1800s male Att_adj positive of F N.sing feminine 1971 1970s 1900s male Att_adj positive pronoun F N.sing feminine 1947 1940s 1900s male Pred_adj positive pronoun V F feminine 1839 1830s 1800s male Att_adj positive of F N.sing feminine 1974 1970s 1900s female Att_adj negative ind art F N.sing feminine 1967 1960s 1900s male Att_adj positive def art F N.plur feminine 1944 1940s 1900s female Att_adj positive pronoun F N.sing feminine 1838 1830s 1800s male Att_adj positive with F N.sing feminine 1860 1860s 1800s male Att_adj positive pronoun F N.sing feminine 1860 1860s 1800s male Att_adj positive pronoun F N.sing
dark, and beautifully penciled eye-brows, which o'erarched her lustrous eyes. Love and feminine tenderness played over all the lineaments of her lovely face. Whilst free from the
delicacy of the maiden must suffer from any further testimony from her lips --

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...discharge of an old revolver he was cleaning. I don't know what foolish feminine impulse led Mrs. Fleming to employ you, but you'll do nobody any good... distant sea. So completely had it taken the place of the usual instincts of feminine youth that she had forgotten she was pretty, or that her dresses were old... do they contain? "Mistress Mary had, after all, little of the feminine power of subterfuge in her. If she tried it, it was, as DO wish you COULD have been there, Jack. "Anna was a gentle feminine girl, with a most lovely and winning countenance, and I did inherently like... Her jet black hair and serious, large brown eyes are set off... down continually, when he was animated in conversation. His cheek was of a... She had no children. Janet plodded round on very flat, rather large dresses. But we must not indulge in impertinent digressions. Spinning differs from... She drew these apart. Behind them was what seemed to Kent an innumerable number of feminine garments. "You must hide in them, if you have to," Dunn, of the vulture beak, approaching. He had with him an elderly feminine duplicate of himself and a young woman obviously ill at ease. "Mr. Laurens... as a string of beads. "He kissed her hand. "Bless your em. "Again my father's derisive snort belittled the doubtful honor of the feminine members of his family. "If William ain't man enough to stand out eyes, up the cheeks and on the throat. Despite the soft rings of feminine flesh, there was already something discernibly dictatorial about that extended throat. She would... face was a collision of two centuries. Her childhood beauty had embodied the... naivety of hope, charity and mercy as portrayed in naive American statuary, but... feminine; he has a smooth face of inscrutable age. Signe, about forty-five, Florence lives in the very center of it. Dombey finds himself excluded from this feminine sphere within his house. Viewing the world as a collection of objects to...
flattered at open windows all the way around the square. A happy breeze of feminine voices seemed to breathe through the place. Even little men began to bellow, forever alone. I was less than honest when I praised the advantages of my feminine vanities. I had diversions fuller and more satisfying than merely human pleasures. And formed part of the American colony in the French capital. At least, the feminine members of the family were there: the mother, and an elder sister.

Francis suggest bridge. But the ladies had not forgotten. Amid a chorus of feminine assent, Mrs. Bulfinch took the floor. " No, Sir Francis, " Franklin House on the old Pioneer road were the most pretentious of the year.

Feminine loveliness in silks and cameos gathered from every section. General Sutter and his officers feminine glass -- a few books. The general effect of the room is that of feminine charm and comfort. Time: About midnight -- the same night. At Curtain glass of water and take a sip. She came to know that she possessed feminine appeal, and a power to captivate as even Cleopatra might have had. In got to her feet. She stood just over five-two. Her body had lush feminine curves that managed to look delicate. With her sleek cap of ebony hair, Grey sighed heavily, and answered, " It is painful to hear from feminine lips a fatalism so grim as to make all prayer a mockery; and it had been something heavenly, knocked at Miss Nancy Sawyer's door. With natural feminine instinct that lady started back when she saw Hartsook, for she had just built filled in his life. He felt horribly alone now, and a veritable feminine weakness overcame him, a crying need to be loved as his father had loved had on a skirt and a sweater which emphasized her figure. She looked more feminine in other, subtler, ways. something had happened to change her style. he felt a female presence nearby, not arousing but comforting, a pair of feminine hands stroking and kneading tension out of his muscles. The sensation was so real feminine he stared at them, astounded. Never had he seen such an array of feminine footwear intended for the same pair of feet. And it was not Northern footwear.

He was a widower who had been married for twenty years. He knew about feminine nerves; furthermore he respected all displays of maternal anxiety. For the next ten feminine hear a man's voice; an indistinct seductive bass. He then heard some feminine giggles. He was about to walk on when he heard the girl say, her destiny. But she had to rest a while in the luxury of this feminine lavishness. The desperate impulse had been right that had sent her out at last her face shone a sort of masculine guilelessness. If she had been slightly more feminine, she would have been called a witch. Of course, you could see her hair nicely and put on make-up. It made her look a lot more feminine than she had while she was on the flitterboat. " Well, " she Her husband was rather ostentatiously asleep. As she doffed her warlike garments, her feminine canniness warned her that this was no time for explanations.

Tomorrow morning would be feminine her legs and under her arms. She wished she had bought one of those feminine hygiene deodorants she had seen advertised, but, lacking that, she powdered herself, him, but she said nothing. In her slim erectness was a touch of feminine ferocity that gave him another idea. " So you just rode into the canon his critical fancy. Through the ancient poets we have learned that the cities are feminine. So they were to poet Raggles; and his mind carried a concrete and...
his scrutiny, she stepped aside out of the revealing light and by a swift feminine instinct raised her hand to her head as if to adjust her straggling hair. His talk. He combined a man's dislike of uncomfortable questions with an almost feminine skill in eluding them; and she knew that if he returned to the subject home you could do nothing to quicken her pace. She had her own notions of feminine poise, or the appropriate Raresh dignity. But today she moved quickly. Shehorror did she hear of her lord's captivity; but she yielded to no feminine weaknesses which could retard her in the performance of her duty. Hermovements were hundredth time the pathetic creature falls for it. Pleased at being the centre of feminine attention he advances hesitantly across the street, holding up his lobster.

A chorus feminine 1883 1880s 1800s male Att_adj positive adj_F_N.sing

I mean princess-like, to men. But in reality she's just an adorable feminine creature who wants to be loved. When she laughs two deep dimples come into my inconveniently by you asking you here. " There was a trace of long-extinguished feminine coyness in her tone. " Alma doesn't know anything to write. " feminine 1960 1960s 1900s male Att_adj positive adj_F_N.sing

If offered a penny he would pocket it yet never crack a smile. A feminine scent, as of incense mixed with cologne, stirred the portieres. Dove gripped feminine 1956 1950s 1900s male Att_adj positive ind.art_F_N.sing

impudence of eyes and upper lip. Her gray hair is kept short but very feminine. And somehow her tortoiseshell eyeglasses are sexy. She's also got a kid in her arms. Despite her housewifely certainty of action, there is an indefinite feminine frailty about her. MATTIE What's good for Henry? HENRY Hurrying in confusion feminine 1999 1990s 1900s male Pred_adj positive adv_F

inside. The basic outfitting is masculine enough, but the room is full of feminine little accents; flowers in vases, porcelain desk accessories etc. Donovan is slightly feminine 1989 1980s 1900s male Att_adj positive of_F_adj

INT. ALISON'S BEDROOM, BROOKLYN - DAY The room is a combination of feminine frill and teenage angst. Stuffed animals and a flowered bedspread compete with antiwar posters feminine 1999 1990s 1900s female Att_adj positive of_F_N.sing

is on Bailey and Lucy. The minuet concludes to handclapping and oohs of appreciative feminine voices in the sound track -- " Beautiful. " " Oh that this night is sound, sober and respectable, " respondedSigmund. " But I see little feminine refinement in her handwriting or expression. " " What are you talking about? She it almost bashfully, and with new feelings. Quite unaware that he played the feminine part, Wilfrid alluded to her flight from Richford, with the instinct to sting feminine 1897 1890s 1800s male Att_adj positive def.art_F_N.sing

it would be a hospital or the jail. It was neither. A velvet feminine voice answered the telephone. " someone calling Mr. Lam? " She laughed. labouring under emotions little less powerful than his own. Her previous air of offended feminine dignity was fast melting into sympathy, with the impassioned feelings of the excited youth feminine 1834 1830s 1800s male Att_adj positive of_adj_F_N.sing

lay unconsciously upon the hideous breast of the Ethiop. He had never before beheld feminine beauty so perfect. If she were so lovely with her color gone, and like she had some previous claim on Sergeant Strange. " She smiled with sweet feminine bitchery. " She'll be all right, " Strange grimmned. " There feminine 1978 1970s 1900s male Att_adj positive adj_F_N.sing

looked at him more narrowly than I had ever done before. There was a feminine delicacy about every feature of his face, unusual in boys who ordinarily belong to lot of dash, and a lot of charm. She was able to feel feminine and frivolous around him. He did madcap, dashing things like flying her to feminine 1853 1850s 1800s male Att_adj positive ind.art_F_N.sing
lower back and behind. The look was of speed and lightness but was irrevocably feminine. No wonder they can't keep these in stock, Clara thought, and m a girl. " "Huh! " he sneered. The claim of feminine privilege invariably disgusted him beyond words. " Suppose people come by -- " Juliet MAUDE'S NEW LOFT -- ROB'S P.O.V. Barkhas has done the loft in excellent and very feminine taste. Grouped around an antique French desk is one faction: Maud holding her may be traced to her if the matter be agitated. " Then truly the feminine soul of this woman leapt to the surface with no more ado. " Oh Maybe just a little weak. She could help him. It's nice and feminine to help. It's masculine to want to be helped. Do me, men. Even the confining effect of a mannishly-tailored suit didn't hide her outrageously feminine qualities. She walked straight to his table, and he stood up.

"met him -- in the old antagonism of spirit. Yet her first gesture was a pathetic feminine movement with both hands to arrange her straggling hair. It brought her white fingers Missus Austin grew curious, she was a woman and naturally was interested in the feminine movement all over the world. " All a woman has to do, " musings again, modified by this girl's face. He had left out the feminine element; obviously he must recapitulate. He'd study law, yes; but n't stand much more of it. " She had never displayed this kind of feminine expression before to him. He was contrite in a second and knelt down, needle and thimble. Thus she possessed the key of useful knowledge and of useful feminine practice. But truth compels us to state that there appeared not the smallest prospect never be bored. Incidentally, I think that young man, given the right feminine influence, is going places. # A.: Mr. Emery, you don't have a thing here, you don't. Nobody could hear the Virginian orator without being fascinated. His voice was of a feminine sweetness and pliancy, singularly expressive as he warmed in debate. His speech was now succeeded to the paternal estate, sadly partitioned by relatives and lawsuits. The feminine Mulradys attended the funeral, in expensive mourning from Sacramento; even the gentle Alvin object of his visit. Before he had finished, the woman, by some feminine trick, had taken the child from his hands ere he knew it; and of her own sacrifice. Yet our ministers appreciated the intelligence and piety of their feminine parishioners. An agent who came from the West for school-teachers was told by our of more wonder and humor than that water bag. By and by, the feminine members came back and we sat around the fire. Still Mart did not appear of speech, instantaneously comprehending the natural urges that moved them. A sort of feminine intuition had linked them into a matched unity. But this was changed now. feminine 1936 1930s 1900s male Att_adj positive of_F_N.sing feminine 1936 1930s 1900s male Att_adj positive of_F_N.sing feminine 1878 1870s 1800s male Att_adj positive det_F_N.sing feminine 1839 1830s 1800s male Att_adj positive ind.F_N.sing feminine 1942 1940s 1900s male Att_adj positive ind.F_N.sing feminine 1895 1890s 1800s male Att_adj positive adj.F_N.sing feminine 1933 1930s 1900s male Att_adj positive def.art.F_N.sing feminine 1910 1910s 1900s male Att_adj positive def.art.F_N.sing feminine 1935 1930s 1900s male Att_adj negative of_F_N.sing feminine 1991 1990s 1900s female Noun positive def.art.F masculine 1869 1860s 1800s female Att_adj positive of_F_N.sing feminine 1992 1990s 1900s female Att_adj positive of_F_N.sing feminine 1989 1980s 1900s male Att_adj positive ind.art.F_N.sing feminine 1835 1830s 1800s male Att_adj positive ind.art.F_N.sing feminine 1887 1880s 1800s male Att_adj positive def.art.F_NP feminine 1878 1870s 1800s male Att_adj positive def.art.F_NP feminine 1889 1880s 1800s female Att_adj positive pronoun.F_N.plur feminine 1906 1900s 1900s male Att_adj positive def.art.F_N.plur feminine 1909 1900s 1900s female Att_adj positive of_F_N.sing feminine 1909 1900s 1900s female Att_adj positive of_F_N.sing feminine 1900 1900s 1900s female Att_adj positive def.art.F_N.sing feminine 1968 1960s 1900s male Pred_adj positive F_to_V masculine 1993 1990s 1900s male Pred_adj positive adv_F masculine 1909 1900s 1900s female Att_adj positive of_F_N.sing masculine 1984 1980s 1900s male Att_adj positive adv_F.N.sing feminine 1900 1900s 1900s female Att_adj positive def.art.F_N.sing feminine 1960 1960s 1900s male Att_adj negative adv.F_N.plur feminine 1839 1830s 1800s male Att_adj positive of_F_N.sing feminine 1878 1870s 1800s male Att_adj negative of_F_N.sing feminine 1984 1880s 1800s female Att_adj positive adv_F_N.sing feminine 1992 1990s 1900s female Att_adj negative of_F_N.sing feminine 1989 1980s 1900s male Att_adj positive ind.art.F_N.sing feminine 1835 1830s 1800s male Att_adj positive ind.art.F_N.sing feminine 1887 1880s 1800s male Att_adj positive def.art.F_N.P feminine 1878 1870s 1800s male Att_adj positive det_F_N.sing feminine 1889 1880s 1800s female Att_adj positive pronoun.F_N.plur feminine 1906 1900s 1900s male Att_adj positive def.art.F_N.plur feminine 1936 1930s 1900s male Att_adj positive of_F_N.sing feminine 1878 1870s 1800s male Att_adj negative of_F_N.sing feminine 1839 1830s 1800s male Att_adj positive ind.art.F_N.sing feminine 1942 1940s 1900s male Att_adj positive ind.art.F_N.sing
one bed only. It was filled, moreover, with such a clatter of feminine activity that at first Richard hesitated to enter. Half a dozen handmaidens were busily one of them. Small and dainty, she was of the gold-and-white, essentially feminine type. She lived alone with her parents in the solid old-fashioned house on the

One reflection alone determined her not to do so. It was a feeling of feminine delicacy that prompted her, for the time, to withhold the confession of feminine opportunity of displaying my piscatory prowess. I enjoyed in anticipation the masculine admiration and feminine chagrin that would accompany the beautiful, fat, shining, speckled, prismatic trout

feminine 1907 1900s 1800s female Att_adj positive of_F_N.sing

feminine 1945 1940s 1900s male Pred_adj positive adv_F_N.sing

feminine 1941 1840s 1800s male Att_adj positive of_F_N.sing

One reflection alone determined her not to do so. It was a feeling of feminine delicacy that prompted her, for the time, to withhold the confession of feminine opportunity of displaying my piscatory prowess. I enjoyed in anticipation the masculine admiration and feminine chagrin that would accompany the beautiful, fat, shining, speckled, prismatic trout

feminine 1883 1890s 1800s male Att_adj positive def.art_F_N.plur

feminine 1888 1880s 1800s male Att_adj positive dem.det_F_N.plur

feminine 1974 1970s 1900s female Pred_adj positive _F.despite

feminine 1902 1900s 1900s male Att_adj negative def.art_F_N.sing

feminine 1899 1890s 1800s female Att_adj positive of_F_N.sing

feminine 1980 1980s 1900s male Pred_adj positive V_F

feminine 1835 1830s 1800s male Att_adj positive F_N.sing

feminine 1955 1950s 1900s male Att_adj positive ind.art_F_N.sing

feminine 1859 1850s 1800s male Att_adj positive det_F_N.sing

feminine 1944 1940s 1900s male Pred_adj positive adv_F

feminine 1899 1890s 1800s female Att_adj positive pronoun_F_N.plur

feminine 1899 1890s 1800s female Att_adj positive pronoun_F_N.plur

feminine 1909 1900s 1900s female Att_adj positive for_F_N.sing

feminine 1950 1950s 1900s male Att_adj positive adv_F

feminine 1849 1840s 1800s male Pred_adj positive _F.adv.ind.art_NP

feminine 1872 1870s 1800s male Att_adj positive adj_F_N.sing

feminine 1851 1950s 1900s male Att_adj positive pronoun_F_N.sing

feminine 1940 1940s 1900s male Att_adj positive dem.det_F_N.plur

feminine 1863 1860s 1800s female Att_adj positive F_N.sing

ostich feathers. Each carried a woman behind him disdainful of a veil. The feminine screams of exultation rose high above the yells of the men, helping not a feminine out -- at least I hope so. But meantime you can see how these feminine peculiarities hamper a man, and check his natural candor, and impose on him intuitions you read about in stories -- only his feminine intuitions were all wrong.

feminine 1999 1870s 1800s male Att_adj positive F_N.sing

feminine 1893 1890s 1800s male Att_adj positive def.art_F_N.plur
She was pleased to note that at sight of a proper bathroom Debby made happy feminine sounds and dug out shampoo, soap and creams from her pack. It was she was too bony and angular, and she often wished she were more softly feminine. But she knew her appearance was striking, and at thirty, after more shed. Left a moment alone, Miss Portfire took a quick, half- audible, feminine inventory of the cabin. " Books, guns, skins, ONE chair, feminine. Before a dandy, Blessing thought. Waisted frock coat, pale blue shops in which, the day before, she had so longed to be. Feminine instinct has more than once proved itself superior to masculine logic, and although both shoulders of the world. Christmas windows two years hence would be bare. A feminine wail of grief would rise to the skies. For woman must have her furs silly. FABULUS MAXIMUS It may seem silly to you, my dear. The feminine mind can never comprehend the true significance of war. AMYTIS Other women do, slick form against his. The spray couldn't wash away, her fresh, feminine aroma. His penis stirred against the curve of her buttocks. # He shifted softening with a light that stirred the lover's soul. The mystery of this feminine complexity awed him. Would she ever look at him like that? What could some air might come in upon his chest. She was surprised at the almost feminine beauty of the neck and throat. No man in Canaan was so unburned by stand by unseen and forgotten. So then she began to distrust those of her feminine guests who smiled at him and chatted with him. And as soon as she feminine street boy. And at the same time there glowed in her eyes a marvelously feminine mockery. Vivaldo kept watching her, a small smile playing around the corners of suffocating violence. She was so beautiful, so sumptuous, so warmly and richly feminine; and surely the circumstances were not anodyne. Her softly rounded face, its system was soon after entirely reorganized. Our house was quickly filled with a large feminine family. As a child, the gulf between little girlhood and young womanhood had feminine submission of manner quite unlike her ordinary speech; " I should like to help that it had not disturbed the holy tranquility of her soul. There was such feminine delicacy in her appearance, her voice was so sweet and low-toned, her manners that she had therefore dreaded meeting him, caused her to blush deeply. Her feminine quickness caught his expression, a timid questioning look, that seemed to ask feminine hand. It was phrased thus: " I believe you innocent in spite of feminine. The artist was not just then at her easel, but was busied with the feminine task of mending a pair of gloves. There is something extremely pleasant, and the chattering tables and handed her into a cab. " We have neglected the feminine touch in industrial advertising. " he went on to explain as the cab rolled feminine apartment. Suzy sat on her cot in the light from the little fireplace. feminine voice, proclaiming in musical cadence, " Hot corn! hot corn! " feminine 1830 1830s 1800s female Att_adj positive adj_F_adj_N_plur feminine 1897 1970s 1900s female Att_adj positive adj_F_N_plur feminine 1872 1970s 1900s male Pred_adj positive adv_F feminine 1873 1870s 1800s male Att_adj positive F_N.sing feminine 1966 1960s 1900s male Pred_adj positive adv_F feminine 1914 1910s 1900s female Att_adj positive F_N.sing feminine 1921 1920s 1900s male Att_adj positive ind.art_F_N.sing feminine 1926 1920s 1900s male Att_adj negative def.art_F_N.sing feminine 1994 1990s 1900s male Att_adj negative pronoun_F_N.sing feminine 1910 1910s 1900s female Att_adj positive dem.det_F_N.sing feminine 1937 1930s 1900s female Att_adj positive adv_F_N.sing feminine 1919 1910s 1900s female Att_adj positive pronoun_F_N_plur feminine 1962 1960s 1900s male Att_adj positive adv_F_N.sing feminine 1895 1890s 1800s male Pred_adj positive adv_F feminine 1889 1880s 1800s female Att_adj positive adj_F_N.sing feminine 1880 1880s 1800s male Att_adj positive adj_F_N.sing feminine 1830 1830s 1800s female Att_adj positive adv_F_N.sing feminine 1873 1870s 1800s male Att_adj positive pronoun_F_N.sing feminine 1844 1840s 1800s male Att_adj positive adj_F_N.sing feminine 1860 1860s 1800s male Att_adj positive def.art_F_N.sing feminine 1951 1950s 1900s male Att_adj positive def.art_F_N.sing feminine 1954 1950s 1900s male Pred_adj positive F_N.sing feminine 1917 1910s 1900s male Att_adj positive ind.art_F_N.sing feminine 1843 1840s 1800s female Att_adj positive det_F_N.sing
the next will be like unto her. Raguet would never look at any thing feminine that hadn't white eyes and pink hair (yellow, I mean), of

the shame of her confession swept in a crimson flood into her face. The feminine instinct told her that she had betrayed herself -- like an animal, and that he must

the shoes, all that mass of soft stuff behind the curtains, were exquisitely feminine. The breath of perfume had come to him straight out of a woman's

the susceptibilities of his companions. But he was unversed in the mysterious processes of feminine emotion. Ten minutes before, there had been a general harmony of sombre views

The soft mounds tissue-paper-enfolded layers of garments, Lady Anstruthers sat and watched her

to tell me. I supposed her attitude was deliberate, and for some odd feminine reason she resented this marriage, her scale of values had received a shock. The

to walk feminine side, and are capable of running far in a friendship without running fatally into

their own composition. They seem to be able to sympathize with them on their feminine side, and are capable of running far in a friendship without running fatally into

No, she feminine, and exquisite, and young, ever since. But that sudden vision of her feminine

tenderness was in her heart, but the fierceness and pitilessness of a lioness fighting feminine tonight came back to him. He had banished its memory and she had been.

feminine and exquisite, and young, ever since. But that sudden vision of her feminine turn instructress to her little protege. Already had she learned many of the little feminine arts and accomplishments of civilized life, and made considerable proficiency in the English language feminine.
turned again, saw the two other guards tumbling backward along the far wall. 

**Feminine** screaming erupted around the office as the staff dove out of sight behind desks,

*until we find animal life.* "He cleared his throat and gazed at the feminine faces before him. "Go where? What makes Norris so sure he'll was really indispensable to Arthur -- was perhaps irreplaceable. She had just the right feminine combination of familiarity and respect; she made him feel important without letting him feel that

**Feminine** 1970 1970s 1900s male Att_adj positive F_N.U

Watt explained to Mr. Reithman that she was nervous and preoccupied due to lack of feminine company, and he was sending her away lest she lose her senses. Mrs. Waugh took it and looked at it with some curiosity -- it was superscribed in a slight feminine hand -- quite new to Henrietta; and she opened it, and turned immediately to the

were supposed to portray, and finally and fatally he was unable to detect the feminine hysteric jar and discord that underlay it all. He thought it was strong, When they returned to the inn, Mrs. Mavick began to rally Philip about his feminine taste in woodsy things. He would gladly have thrown botany or anything else overboard which he can not break. My heart tells me you are as susceptible to feminine wiles as the rest of your countrymen, and that, perhaps, you have whooping along. One notable result of the miracle was a sudden swerve of the feminine population toward personal attractiveness. Behind in her rent, and about to move to will fib, and both maintain that it is right. So Dolly whetted her feminine weapon, and assumed a lofty superiority. *"Dear me! what a sudden Willie made the sketches in twenty minutes, grinding his teeth each time he heard feminine laughter from the wardroom. With the papers in his hand he climbed up on window-sill followed him with its smile. A bureau and a small dresser stood with feminine things, waiting. A small table with an embroidered linen cover held a big with accents of open scorn and dislike. Since it was, usually, the feminine population that molded public opinion in matters of this sort, nobody paid much attention with an air of great personal distinction. She has the allure of a very feminine woman, sensitive and highly cultivated. She wears simple, becoming but rather shabby with every book she had read. As a whole she embodied his ideal of feminine perfection. She was gentle, lovely and unselfish; she never asked unnecessary questions with her overweight husband. She was determined to prove that she was young, feminine, attractive; and fell wildly in love with Claude Monet, making no attempt with the thought it would be their home. At once she went on a feminine exploring of the prefab's interior, and its new, gleaming appointments. with yellow shade, shed all the light that was needed. Everywhere there were feminine signs -- touches that were delightful and unmistakable. From somewhere there came a rich oriental odor work of retribution? In my own soul was the strength -- there is no feminine feebleness of nerve in this eye and arm! I should have shot and struck yet decided. The change astonished him, so little was he acquainted with the feminine nature; and in reply he spoke hastily, hardly knowing what he had said

**Feminine** 1985 1980s 1900s male Att_adj positive of_F_N.sing
yet there was in the light of her large blue eye, an expression of feminine sweetness, which could not fail to render that countenance lovely to those who met you would be round. " The note was addressed to Garman in a clear feminine hand, and it read: " Garman: Am at the cottage on Palm young men of this day unfits them to mate with a woman capable of genuine feminine devotion. It is almost a pity Mr. Balcombe is married. " You young woman's laugh and the sound of a door closing on it. This feminine silence began to disturb him very much; the idea that sick women of various nature seems never to have been infused into her being. She detests children tact she leaned her elbow on the bed, and rested her forehead on her , and opera. I grew sober as she talked: for not one true womanly sentiment fell from her lips. She did not express interest in any of her , and she sees a host of little things not worth seeing. A true womanly moral nature is certainly not to have been infused into her being. She detests children , and that he was making a desperate struggle to keep them open. With womanly tact she leaned her elbow on the bed, and rested her forehead on her , gazing down the avenue. The minutes were insupportably long. At last her womanly figure came into dim view. My heart leaped. I was in a flutter , he said, might distress him. She practiced whatever he preached. He was womanly in that he loved to be loved; clasp or be clasped was all one , he would make her a caterpillar. She has no right to bury her womanly nature in the tomb of childhood. It will surely be required at her hands ; his hands were white; and his eyes were large, black, and womanly he looked as he spoke as if touched and gratified at her deep womanly womanly, much has been said of the Queen's fondness for her favorites and her rivalry. " Your father told me he wanted his dear little girls to learn every womanly truth of interference, was, after all, quite femininenough to know rivalry. . " I do not wish to learn. I have both conscientious and womanly scruples against dancing. " " I forgot. The Methodists do not sanction dancing . " She must have suspected what he meant, but she was a very womanly woman and not averse to being made love to discreetly. Moreover, Monsieur Georges . " Yes; he loves me! " It was strange to observe the womanly softness that came over her, as she admitted that comfort into her bosom. . " Your father told me he wanted his dear little girls to learn every womanly accomplishment, and I feel sure you will do your best to please him. And that was bad because it sounded as if she had been giving some womanly thought to the situation. A little more of that and she might go to . Brought up like boys, with the same studies and mental development, the womanly part of their nature gradually vanished as their minds expanded. Vigor of intellect was womanly 1831 1830s 1800s female Att_adj positive of_F_N.sing feminine 1819 1910s 1900s male Att_adj positive adj_F_N.sing feminine 1836 1830s 1800s female Att_adj positive of_adj_F_N.sing feminine 1850 1950s 1900s female Att_adj positive Word_Class feminine 1865 1860s 1800s female Att_adj positive with_W_N.sing womanly 1880 1880s 1800s male Att_adj negative adj_W_adj womanly 1865 1860s 1800s female Att_adj positive with_W_N.sing womanly 1917 1910s 1900s male Att_adj positive pronoun_W_N.sing womanly 1960 1960s 1900s female Pred_adj positive V_W_in womanly 1863 1860s 1800s female Att_adj negative pronoun_W_N.sing womanly 1844 1840s 1800s male Att_adj negative pronoun_W_N.sing womanly 1981 1980s 1900s female Pred_adj positive ind.art_W_N.sing womanly 1971 1970s 1900s male Att_adj positive pronoun_W_N.sing womanly 1989 1980s 1900s female Att_adj positive pronoun_W_N.plur womanly 1987 1980s 1900s male Att_adj positive def.art_W_N.sing womanly 1843 1840s 1800s male Att_adj positive adj_W_adj womanly 1880 1880s 1800s male Att_adj positive pronoun_W_N.sing womanly 1849 1840s 1800s male Pred_adj positive N.plur_V_W womanly 1952 1950s 1900s male Att_adj positive def.art_W_N.sing womanly 1885 1880s 1800s female Att_adj positive V_W_N.plur womanly 1930 1930s 1900s male Pred_adj positive ind.art_adv_W_N.sing womanly 1860 1860s 1800s male Att_adj positive def.art_W_N.sing womanly 1883 1880s 1800s female Att_adj positive adj_W_N.sing womanly 1960 1960s 1900s male Att_adj positive pronoun_W_N.sing womanly 1889 1880s 1800s male Att_adj positive def.art_W_N.sing
But Mary Faithful and Trudy Burrows had not availed themselves of the opportunity. Womanly rebellion and heartache suddenly blotted out Mary's emotionless scheme of action. Besides, womanly 1920 1920s 1900s female Att_adj positive W_N.sing_adv

Even at that early age Mary had grown tall and her figure was becoming womanly. After the cold supper in the farm kitchen he walked with her around the womanly 1921 1920s 1900s male Pred_adj positive N.sing_V_W

I had lied about her breasts. I liked breasts, had always liked womanly breasts. But now I loved her breasts. My hand involuntarily started to move womanly 1973 1970s 1900s male Att_adj positive V_W_N.plur

It was not long before Anice found that she was intent upon acquiring the womanly arts her life had put it out of her power to learn. "I was not to be wondered at that they had lost all bloom of womanly modesty and gentleness. Their mothers had been "pit-girls" in their time, womanly 1877 1870s 1800s male Att_adj positive def.art_W_N.plur

...I remembered how during the war, the night before I was to womanly 1973 1970s 1900s male Att_adj positive ind.art_W_N.sing

She had put on a pound or two and was relaxed, her face womanly. Neither was on probation in the other's eyes. Dubin felt heartened to womanly 1979 1970s 1900s male Pred_adj positive pronoun_N.sing_W

She hates nursing. She has too much good sense to insult her fine womanly nature by degrading and unnecessary sacrifices." "How delightfully confidential she must have womanly 1900 1900s 1900s male Att_adj positive adj_W_N.sing

She made an effort to elevate her head, to compose her features into womanly dignity, but all in vain; her hands sought each other, and were womanly 1835 1830s 1800s male Att_adj positive into_W_N.sing

There was a style of thinking, a familiarity with popular themes and a womanly confidence in her expression of opinions that at times surprised him. With her views womanly 1920 1920s 1900s male Att_adj positive ind.art_W_N.sing

Though she had scarcely numbered twice eight summers, there was about her a womanly dignity which chastened the most forward admiration into respect. Among those who paid their womanly 1846 1840s 1800s female Att_adj positive ind.art_W_N.sing

Who doesn't? They'll just give her a chance to use her womanly influence on you and make a new man out of you. I'll do her womanly 1953 1950s 1900s male Att_adj positive pronoun_W_N.sing

[p392] Brian looked at her critically. How could a mere infant have acquired such a womanly figure almost overnight? He turned to seek out her sister Sabia, and finally womanly 1981 1990s 1900s female Att_adj positive adj_ind.art_W_N.sing

a fair enemy. Do not think that I am a victim to unmeasured and womanly fears. I have seen too much of the doings of these men, not womanly 1834 1830s 1800s male Att_adj negative to_W_N.plur

a little. It was a smile Jason had never seen before, full of womanly emotion and sweetness. He turned quickly and went to the other office's door womanly 1980 1980s 1900s female Att_adj positive adj_of_W_N.sing

For the thick coils of hair were loosed on her head, and the womanly 1920 1920s 1900s male Pred_adj negative V_adv_W

a ruder wooing -- had won her to his haunts. In due time he gained her womanly apace toward him. She had never seemed so little manlike, so wholly womanly. womanly 1860 1860s 1800s male Att_adj positive pronoun_W_N.sing

affection; and, making their bridal bower, for aught we know, in womanly 1861 1860s 1800s male Att_adj positive adj_W_N.plur

she was absorbed in their talk a safe distance away. They gave free rein to their womanly tongues without fear of being overheard by the men, to whom such talk was admitted, "but it wasn't womanly. I like a woman to be womanly." "The red hat did make a difference," Charlotte continued mildly womanly 1969 1960s 1900s male Att_adj positive pronoun_W_N.plur

...after marriage. She was still a hoyden girl of fourteen in spite of her womanly status. The neighbors were horrified when they watched her skipping rope on the street womanly 1897 1890s 1800s female Att_adj positive pronoun_V_W

all the more for being delicate. It gives them better opportunities to display their womanly tenderness. Beth was one of these. "By the way, I must womanly 1865 1860s 1800s female Att_adj positive pronoun_W_N.sing
and bearing, a soft cadence of expectant joy in her voice. She was womanly in every tone and motion, yet by no means weak or uncertain. Mistress and hot tears blazed her. Praise from the lips she loved best stirred her womanly heart as the applause of the public could never do. "Come, sit and intire, with her mistress; the two held long kitchen conversations in which womanly intuition replaced whatever was lost in nuances of diction. The children, feeling the and it pleased her to be called handsome. She had indeed a good many womanly foibles, and it was perhaps the more likeable for them. Dr. Johnson thought that and strong feeling; her whole beautiful person was eloquent and instinct with indignation and womanly emotion. How beautiful, how touchingly beautiful she looked at that moment. She and the heart of a snake. Now and then she saw one who had womanly warmth and a generous heart and a sense of humor.... There artful coquette; he carried about with him the reflection of a purer model of womanly virtue, one gradually formed from boyhood upon Elmor's mould, and which at womanly, Alex thought. She was wearing a pretty dress with a lace frill around Atherton was some years the elder, and the impression of intellectual superiority and great womanly tact and observation sat upon her brow. Perhaps Fanny's first impression of her be tactful. "Artemisia gave us one of her rare smiles; she looked womanly, even handsome. "What is this great lady your wife's name?" bear. Already she has won her place among us by her skills in her womanly crafts. Her cooking and sewing, her artistry in leather-making. ""I been heretofore, or is elsewhere. I take upon myself the more humble, womanly task of directing their domestic affections, and instructing them, as well as I buckskin. He could now see that though pregnant she did not yet have a womanly form but looked almost pathetically small. Her braid of hair hung to her knees but fortunately found it with little difficulty. Meanwhile she soothed the victim with gentle womanly sympathy. "I know it hurts a good deal. Just a minute and case, Kate would have a dangerous rival. I never could resist so much womanly devotion. Not I, Edwin. "Would you not rather despise her charm so subtle that few can catch and keep it. I want a truly womanly face, one that shall be sweet and strong without being either weak or hard charms she possessed. Negligence and total unconsciousness of self, coupled with lack of womanly companionship and guidance, had left her altogether in the rough. He marked now clean skin. She strikes me as able, full of energy, and yet womanly. These men when they come under her charge, "he insisted, eagerly deed, it is true; but Margaret takes no claim for being a very womanly woman. On the whole, a great deal too much has been made of desire to see the loved one. But still she was restrained by fear and womanly pride. She made unseen visits to the palace, as before, and told desire to see the loved one. But still she was restrained by fear and womanly pride. She made unseen visits to the palace, as before, and told dress was sewed all over with patches of white, representing ornamental buttons. The womanly instinct toward adornment had in her taken this childish turn. "Don't you embraced her. Ann felt the moist heat of her cheeks, the sweet, womanly smell of her body. She felt the fullness of her large breasts. In enough, and too "much, of egotism. One word as to your womanly "fancy that Miss Clarence blushed at the mention of "my name; I womanly 1900s 1900s male Pred_adj positive pronoun_V_W womanly 1864 1860s 1880s female Att_adj positive pronoun_W_N,sing womanly 1900s 1900s male Att_adj positive in_pronoun_W_N,sing womanly 1886 1880s 1880s female Att_adj positive adj_W_N.plur womanly 1844 1840s 1880s male Att_adj positive with_W_N,sing womanly 1935 1930s 1900s male Att_adj positive V_W_N,sing womanly 1846 1840s 1880s female Att_adj positive oF_W_N,sing womanly 1998 1990s 1900s male Pred_adj positive pronoun_V_adv_W,womanly 1840 1840s 1880s male Att_adj positive adj_W_N,sing womanly 1900s 1900s male Att_adj positive pronoun_V_W womanly 1981 1980s 1900s male Pred_adj positive pronoun_W_N,womanly 1835 1830s 1880s female Att_adj positive def.art_W_N,sing womanly 1957 1950s 1900s male Att_adj negative ind.art_W_N,sing womanly 1900s 1900s male Att_adj positive with_adj_W_N,sing womanly 1839 1830s 1880s male Att_adj negative adv_adv_W_N,sing womanly 1868 1860s 1880s female Att_adj positive ind.art_adv_W_N,sing womanly 1906 1900s 1900s male Att_adj positive of_W_N,sing womanly 1910 1910s 1900s male Pred_adj positive pronoun_V,pronoun_as_W,womanly 1854 1850s 1880s male Att_adj negative adv_W_N,sing womanly 1846 1840s 1880s male Att_adj positive by_W_N,U womanly 1846 1840s 1880s male Att_adj positive by_W_N,U womanly 1830 1830s 1980s female Att_adj positive pronoun_W_N,sing
womanly, She stepped out of her Volvo, carrying a tote bag, her purse
face looked changed in the last twenty-four hours. She had a more satisfied,
womanly look, Perhaps that love-craving heart of hers had been too empty. "I
far. " Beatrice pushed a yellow curl away from his eyes with tender, womanly
solicitude. ' Auntie won't care,' cause I'm a bother.

" Auntie won't care,' cause I'm a bother.

father said, " I'm glad you're along to see some of the womanly Christianity I told
you about. The people next door haven't been the best

Father. I want to make that clear. " She had a rich, womanly voice with the
musical accent of her people. She had learned several languages in

showing off and

swiftness. " But the mine: you had a right to buy it,

and when her voice trembled with emotion (which in her was a shallow

womanly

Her head was three-quarters turned toward them where they stood. It seemed to
met; that Evelyn was asking rather too much of

her grown-up tone. She was trying to look grown-up too, she was fetchingly

womanly, Her dark piled hair among the shingle bobs and fresh marcells makes her seem
more womanly than any girl in the room. She is not made for acrobatics

shaping her

womanly, sitting upright inside his arm, long and slender with the nightgown

Her head was three-quarters turned toward them where they stood. It seemed to have
womanly eyebrows. Her gaze came out of her face with the whole of animal

comprehension

womanly
her heart an inward softness toward him which she had never yet revealed. With womanly instinct she played her little part well and did not exaggerate; but she was womanly 1895 1890s 1800s female Att_adj positive with_W_N.sing
her heart, her natural promptings, for at times she evinced such traits of womanly delicacy and tenderness, that those who knew her best forgot her coquetry. Her was womanly 1855 1850s 1800s male Att_adj positive of_W_N.sing
her sisters' pronouncements were wafted to Katherine's ears. " No self-respecting, womanly woman would ever think of wanting to be a lawyer " -- " A forward her work, though there was an expression about her handsome mouth that made her womanly face look almost grim. Taking up his tools, the doctor followed her example was womanly 1912 1910s 1900s male Att_adj negative W_N.sing
her. He said little, but he gazed in frank enchantment at the small womanly girl beside him. " He's not half bad, Fairy," Prudence her his fair companion. Perfectly unconscious of herself, she moved with so much of womanly grace that Robert Sumner was startled. She seemed like a stranger; this was womanly 1869 1860s 1800s female Att_adj positive pronoun_W_N.sing
tall his orchid pinned to her waist, will open. She has a figure more womanly than Holly's, not so pencil-thin, deeper-bosomed. Her shoulders, rising bare his own country. My mother is a rare woman. She is peculiarly a womanly woman. She constantly gives her best thought, her best effort, to the was womanly 1884 1880s 1800s male Att_adj positive adv_W
his own door, confirmed his fears. She expressed her mind, in a womanly way, by whispering in his ear at the first opportunity," She's womanly 1886 1880s 1800s female Att_adj positive ind.art_W_N.sing
his subjects to " the Popes ordinance " (II.992). The elimination of womanly aggression draws England into the Christian orbit. All this mother-bashing leads me to suggest was womanly 1994 1990s 1900s male Att_adj positive of_W_N.sing
His wife was a very womanly woman with a splendid, almost a gorgeous snow-white womanly complexion, and I was a young man in whom, according to his own hollows. From the hat to the high tan boots, she was neat and womanly; yet it was womanly 1917 1910s 1900s male Att_adj positive ind.art_W_N.sing
not that this attracted him so much as her profile. was womanly 1912 1910s 1900s male Pred_adj positive pronoun_V_W
horns and the factory whistle ICS. After a moment, she experienced a real womanly feeling of protection for his bode against drafts and colds, and sickness and decay. Hunter. Until this evening, I have always believed there was a sweet, womanly soul imprisoned in her bosom, but now I don't know what to think was womanly 1937 1930s 1900s male Att_adj positive ind.art_adj_W_N.sing
I am concerned. " Then breaking down, May broke out into a regular womanly fit of crying. " May," said the lawyer, more gently, I watched one of these girls I seemed to see her surrender much of her womanly reserve. I knew that the dance -- an ordinary waltz -- was considered highly proper, yet her womanly 1856 1850s 1800s female Att_adj positive ind.art_adj_W_N.sing
ignored them. His hands moved slowly up and down her body, exploring her womanly splendors, and she tensed in response, her face wincing with fear. " in a sort of divine spite against the obstacles which reduced it to impotence. Womanly was womanly 1917 1910s 1900s male Att_adj positive pronoun_W_N.plur
compassion surely never wore a guise more lovely. Such beauty and such goodness quite was womanly 1887 1880s 1800s male Att_adj positive W_N.sing
in the eyes of your court. I wish to be at the same time womanly and aliegant. How gentle and merciful you have been to me! How like was womanly 1893 1890s 1800s male Pred_adj positive V_W
in this little heap upon the bed looked very young and helpless. All her womanly stateliness, which made her seem so superior to Rose, had vanished. Rose was womanly 1894 1890s 1800s female Att_adj positive pronoun_W_N.sing
intently. In the soft light of the desk lamp, she seemed tender and womanly. Her was womanly 1981 1980s 1900s male Pred_adj positive pronoun_V_W
smooth skin glowed. The light burnished her hair; there was a was womanly 1899 1890s 1800s male Att_adj positive ind.art_W_N.sing
interrupt. I tell you it is a relief to come across a sweet, womanly ignoramus. What church does she go to? " " Who? " "
is that so far she has never been considered anything but a child. Her womanly life is all to come at its proper time. There is everything for her to be woman no stronger object of admiration. To pay homage to valor is womanly on the part of our sex. And never in my life have I felt it. It could not be in her beauty. Certainly she was fine and womanly and of splendid physique, but all about her were lovely girls of daintier flesh.

Jackson. "As his brutal words fell on her ear, a spark of womanly dignity filled her breast, and her eyes kindled with indignation. She looked at the womanly kindred, and the singing was not the fragmentary, sparkling gush of good spirits, but all about her were lovely girls of daintier flesh."

And never in my life have I felt of_W_N.sing:

womanly 1883 1880s 1800s female Att_adj positive pronoun_W_N.sing

womanly 1858 1850s 1800s male Pred_adj positive Depclause_V_W

womanly 1897 1890s 1800s male Att_adj positive V_W

womanly 1864 1860s 1800s male Att_adj positive of_W_N.sing

womanly 1852 1850s 1800s female Att_adj positive W_N.sing_about

womanly 1859 1850s 1800s male Att_adj positive pronoun_W_N.sing

womanly 1836 1830s 1800s female Att_adj positive ind_art_W_N.sing

womanly 1905 1900s 1900s male Pred_adj positive V_adj_W

womanly 1859 1850s 1800s male Att_adj positive into_W_N.sing

womanly 1955 1950s 1900s female Att_adj positive pronoun_W_N.plur

womanly 1839 1830s 1800s male Att_adj positive of_W_N.sing

womanly 1920 1920s 1900s female Pred_adj positive in_W_N.sing

womanly 1852 1850s 1800s female Att_adj positive of_W_N.sing

womanly 1857 1850s 1800s female Att_adj positive pronoun_adj_W_N.sing

womanly 1870 1870s 1800s female Pred_adj positive adj_adj_conj_W

womanly 1872 1870s 1800s male Att_adj positive ind_art_N.sing_adv_W

womanly 1902 1900s 1900s female Att_adj positive def_art_W_N.sing

womanly 1904 1900s 1900s female Att_adj positive adv_W_N.sing

womanly 1934 1930s 1900s male Att_adj positive adv_W_N.plur

womanly 1880 1880s 1800s male Att_adj positive adj_W_N.sing

womanly 1959 1950s 1900s male Pred_adj positive V_adv_W

womanly 1934 1930s 1900s male Att_adj positive adj_W_N.plur

womanly 1912 1910s 1900s female Pred_adj positive of_W_N.sing

womanly 1861 1860s 1800s male Pred_adj positive N.sing_V_W
nicely into his hand. The pleas of the trousers flared to encompass full, *womanly* hips. Although he found her figure eminently interesting, it was Molly's vibrant not for him, of course -- but for them. I think the *womanly* dignity of Kitty rather worried him. As a lawyer of reputation in a far-away Now that his vision was back to normal, he could appreciate properly her full *womanly* shape. Voluptuous was the only word that did justice to the jutting fullness of of happy tears. But in another moment she seemed to have descended from her *womanly* eminence to helpless and timorous girlhood; and he understood that her courage and initiative of her only once. At the same time pretty faces and the charm of *womanly* companionship continued to attract him; indeed, a few years later he openly expressed of his impressive brows. She informed him, in a perplexed, helpless, *womanly* way, that she was inclined to believe that her father was "the victim old, good family. So she had. Her *womanly* instincts were frigid, and it is possible that her first contact with the farmer on her side. But her face, her smile, and her manner are *womanly*. Embarrassed at myself for staring, I turn around like Dr. Lotati and finish one divinity in clay. Although conscience acquitted her of any intentional weakness, her *womanly* pride and delicacy bled at every pore, when she arraigned herself for being guilty one of his own brothers. Taya could feel jealousy fueling his fires, but *womanly* wisdom prevented her telling him how unnecessary that jealousy was; how totally she belonged open palms. The wide mouth and slightly protrusive jaw that gave a decisive and *womanly* quality to her delicate beauty, struck me suddenly as prehistoric, the sign of ordinary things, Laskell had found her more and more impressive. She had a *womanly* dignity that did not depend on intellect -- a kind of biological intelligence. Laskell paper crown on York's cold head or not. It was not a very *womanly* deed, it is true; but Margaret takes no claim for being a very perhaps more changed than any of her friends. She was growing very sweet and *womanly*, and her manners were as simple and frank as ever. Her mother's period. Anne Bradstreet's poems, for instance, are not without grace and *womanly* sweetness, in spite of their didactic themes and portentous length. But this lady Plaza Alex was seated at the same table as Tania. She looked assured and *womanly* as she engaged in conversation with Marcy Goldblum. If "And then she got plumpness. Instantly, he was all contrition over his unwitting offense inflicted on her *womanly* vanity. "Oh, I'm sorry, Sadie," he exclaimed penitently Pray, permit me to retire. "This was uttered with a sedate and *womanly* composure that forbade a reply, and Bel left the room. Hazard was thrown present period, Mrs. Glendinning could not but perceive, that even in Lucy's *womanly* maturity, Lucy would still be a child to her; because, she, purity becomes meaningless. She wants, wants to help him, by some magic *womanly* touch to dispel his ache. Yet it is not her ignorance or even her reason? "She looked at him somewhat suspicious, somewhat reliant, awaiting her *womanly* instinct to reveal to her the rectitude of her judgment. "I should not recognized her. But the braid was gone. She was more shapely, more *womanly*. He wanted to see her eyes, but they were obscured in the shadows

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respectable family; she was herself highly educated, and I felt satisfied that all
duties and lady-like accomplishments would be taught my little Mary. Nor, though I
gave her to understand, as the matter was so very private, that I wished to speak
very distinctly on the subject. She smoothed his hand. He jerked himself erect. " I'd
me fond of sport and all that sort of thing."

"I have heard your mother speak of her.

The kind old lady womanly nature, and her hard, reckless tone and manner were the natural
consequence. She played the mistress charmingly. Mrs. Fleming and the housekeeper, after an
amiable quarrel, have come to terms. I doubt, however, if they continue
solicitude and she stretched out a forefinger and probed the flesh to either side.
stared at Molly. Half-buried in a fluffy dress, she looked very soft and round,
power, suggesting the spring of the panther, the glide of the serpent.

She ran over and stared at it, her bland, smooth brow furrowed with
t vessels; she's such jolly good company, but, somehow, she doesn't seem
solicitude and she stretched out a forefinger and probed the flesh to either side.

" I had I mean to win you -- " P297 She smiled her most womanly smile. She
smooched his hand. He jerked himself erect. " I'd
She had read it over and over to be sure she was not overstepping her womanly
right to say these things, and had prayed about it a great deal. She
harbored Van Dant's temptation, and the consciousness of doing this hurt her
womanly nature, and her hard, reckless tone and manner were the natural
consequence.

She over and stared at it, her bland, smooth brow furrowed with womanly
solicitude and she stretched out a forefinger and probed the flesh to either side.
she told me so. " " Well, you can't believe everything a womanly woman tells
you. " Though Asia's tone was whimsical, he was asking
She was coming home so soon, he had such confidence in her judgment and
womanly intuitions, he would await her coming, and see if she could divine why
she's such jolly good company, but, somehow, she doesn't seem womanly. She's
too fond of sport and all that sort of thing. " She
should have seen you excited, for you know she has a high notion of womanly
propriety, and of the respect due from a lover. If Bates, now
slender, like all his race, and very dark. His eyes were almost womanly in their
softness, and he had the nervous grace of a thoroughbred -- which is so
pitifully pale. She saw how his hand trembled. A great wave of
compassion welled up in her soul, and the smile faded and softened away as softly.
Many a time she had pitied Richard because he had not the little womanly
care which men need; she had worried lest his stockings were not darned,
stared at Molly. Half-buried in a fluffy dress, she looked very soft and womanly,
with a bright crimson in her lips and cheeks. Vridar imagined the color
stood like the rejoicing uprush of a living fountain. Her contour was subtle with
womanly power, -- suggesting the spring of the panther, the glide of the serpent.
sweet in a yellow bathing suit; her upper arms were soft and round,
womanly rather than girlish, and her thighs had an almost puffy appearance. She was
talk, for thus, I thought, I shall learn the full source of womanly life from which
the peerless daughter has drawn her nature. The kind old lady
that differentiated it from anything turned out locally. With the dress she looked
more womanly, older, than in the boyish breeches. Miss Nicholson had made
some changes
that poet's matchless words. (Renewed laughter) The phases of the womanly
nature are infinite in their variety. Take any type of woman, and you
that she belonged to him as a woman, her body and all the spontaneous womanly
gestures of her soul, everything. She stood in his embrace and put her
clerk. " We'll see. " He smiled with understanding of her womanly excellence. He
lifted his phone and spoke in his technical jargon. " He

1933 1930s 1900s female Att_adj positive pronoun_W_N.sing
the coffee Tom made and brought to their bed each morning. He was more
womanly in many ways than any woman. He had a woman's handiness and
pleasure
The combination of high Spanish pride and religious bigotry with the truthfulness
and tenderness of womanly nature is well portrayed. To awaken strong interest in
such a personage, without
the future which was in no sense a religious creed. It was only a womanly
inheritance, something which came down the long line of her maternal Anglo-
Saxon ancestors.
the hickory fire revealed how beautiful Lottie's face could be, when composed
into womanly truth and thoughtfulness. " I have never had a serious sorrow or
illness,
the more comfortable. " She turned toward him, almost shyly, yet with womanly
curiosity which would not be stilled. " Was your call upon Miss Maclaire very
Then, in quick succession, I delivered a number of anthropological haymakers.
Proper womanly behavior for an Eskimo wife is to go to bed with anyone her
husband brings
there on that terrace in Nice - her little child beside her - she represented
womanly purity to me - mother-hood! All of it! How was I to even
there. " Her dark, earnest eyes looked up at him, full of womanly sympathy. "
Laugh at you! Think better of me, Sir Victor.
these strange premonitions must come as a warning. They surely mean something.
My womanly intuition -- and it can be trusted -- plainly prompts me to give up
dthis dangerous, ruinous policy
these words. Her long rich brown hair clustered upon her shoulders, and the
womanly brown eyes were fixed upon a handful of withered flowers. They were the
blossoms
they are many... The exquisite beauty of the verses is worthy of the noble
womanly feelings expressed in them... We wish we had room for a score more of
They forget that I am sixteen, and that I have grown taller and more womanly in
the last year; but the awakening heart has not yet throbbed at its
this time came to her aid. And so she was able to answer with womanly dignity. It
was a pleasure to meet him there, and she said so
thou art a woman of ten thousand, and I envy Garret such store of womanly
wealth. " * If Garret were the man I took him for, Master
To be " a good watcher " was considered one of the most important of womanly
attainments. People who lived side by side exchanged such services without
waiting to be
to keep her dress down. And once when she stooped, he saw the womanly
fullness of her breasts; and this carefulness, too, he severely condemned.
to the dreary history enthranced. There was love, and feeling, and fond womanly
devotion; there was refined thought, gentle pity, and warm generous charity;
to which she might be exposed. She had probably heard the firing, her womanly
fears had been awakened; she had come to him for protection. But as
to you, " the brunette said softly. She laughed, a reasonable, womanly, healing
laugh. " What in hell did he mean kissing you? "
touches! When waiting on the sick and wounded, I try to blend your womanly
nature with my coarser fibre. Truly, neither of us has suffered in vain

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1830s...
traces of this continual restraint. On the contrary, her slender figure matured to **womanly** proportions. Little children, seeing her, smiled responsively at her, or clamped

**womanly** in shape and motion. She stood aside, smiling silently, while he entered **womanly**

very unmaidenly in her action, after all. She felt no distinct loss of **womanly**

**womanly** by her experiences, **womanly**

**womanly** was -- how strange she acted! There were moments when she embarrassed them by some new **womanly**

was a changed man CHAPTER VIII MAX saw nothing. His wife was a very **womanly**

composition, and I was **womanly**

was quite happy. Then, too, the new dress should be made in **womanly**

was. Whether or not she carried too much weight, almost any judge of **womanly**

were a bloodless line in her pallid face. But she did not go into **womanly**

went to her rooms, bathed her eyes, and dressed carefully for tea. **Womanly**

**womanly** pride had come to her aid; she must hide her wounds from all,

were a bloodless line in her pallid face. But she did not go into **womanly**

Where before there had been an underlying suggestion of hardness, there was now a **womanly**

While the dewy freshness of her girlish bloom was absent, the higher and more **womanly** qualities were now revealing themselves. Her nature had been deepened by her experiences,

who misses victory through dread of defeat. There are many false ideas afloat regarding **womanly**

without. Whether it was the cause or the effect of the full wakening of **womanly**

love I do not know. She endowed me with it, as this light **womanly**

women maintained a charitable silence. The ethics of their day did not recognize any **womanly**

**womanly** duty inconsistent with matrimony. " A disappointment " was considered the only dignified reason

true -- I am certain you are wrong. There is a flexiblity in our **womanly**

that is strength in our weakness. Bessie will perceive the delusion under which years of age. The boy had a bad cold, and seemed to need **womanly**

Brent's wife -- -- " My mother! " The woman **womanly**

years, that she might have the advantage of instruction in those branches of a **womanly**

education in which I could give her no aid. " And having spent **womanly**

You are a strange girl, Prudence. In some ways, you are so **womanly**, and in other ways so -- pitifully girlish! All the woman in your heart seems **womanly**

you have dared to scorn the heart which you once implored -- to insult that **womanly**

pride which you once solicited! -- and yet, it lives -- it lives **womanly**

1892 1890s 1800s female Att_adj positive to_W_N.plur

1911 1910s 1900s female Pred_adj positive V_adj_W

1914 1910s 1900s male Att_adj negative of_W_N.sing

1884 1880s 1800s female Att_adj positive pronoun_W_N.plur

1898 1890s 1800s male Att_adj positive adj_W_N.sing

1917 1910s 1900s male Pred_adj positive ind.art_adv_W_N.sing

1859 1850s 1800s female Att_adj positive in_W_N.sing

1969 1960s 1900s male Att_adj positive of_W_N.sing

1883 1880s 1800s female Att_adj positive W_N.U

1931 1930s 1900s male Att_adj negative into_W_N.plur

1913 1910s 1900s male Att_adj positive ind.art_W_N.sing

1892 1890s 1800s male Att_adj positive adj_W_N.plur

1863 1860s 1800s female Att_adj positive regarding_W_N.plur

1945 1940s 1900s male Att_adj positive of_W_N.U

1905 1900s 1900s female Att_adj negative pronoun_W_N.sing

1835 1830s 1800s female Att_adj positive pronoun_W_N.sing

1888 1880s 1800s male Att_adj positive V_W_N.sing

1851 1850s 1800s female Att_adj positive ind.art_W_N.sing

1915 1910s 1900s female Pred_adj positive V_adv_W

1840 1840s 1800s male Att_adj positive dem.det_W_N.U
you, you're like a man yourself, though of course you're very **womanly** -- but still you have that quality of being yourself -- your own person -- **womanly** 1970 1970s 1900s female Prod_adj positive V_adv_W
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