Exercises

- 2. Let's use the text of "Oliver Twist: The Parish Boy's Progress" Charles Dickens. This is book number 730 in the *gutenbergr* package.
- (a) To investigate how often word X is followed by word Y, separate the text into two columns: "word1" and "word2". In this process, remove all cases where either word1 or word2 is a stop word.
- (b) Visualize all bi-gram relationships that occur at least 4 times (n>4) simultaneously (following the guidelines in slide #16 of today's lecture).
- (c) Visualize the networks (n>4) of the co-occurring words as in slide #17.
- (d) Pick four common words ("no", "not", "never", "neither") that negate the subsequent term, and use the joining and counting approach to examine all of them at once.