

spacetimechildesanalysis

Below: Bootstrapping (n=100) samples of number of space words, time words, and their difference from the sample of 6000 random words.

Import the random sample from the corpus with 3000 words.

Generate the null distribution for number of space words, time words, and their difference.

Below: Same analyses with the 500 observed sample and bootstrapped samples with N=500

Below: Empirical values for the number of space words, the number of time words and the difference between the two within the first 500 nearest neighbors of long.

Below: Empirical values for the number of space words, the number of time words and the difference between the two within the first 500 nearest neighbors of short

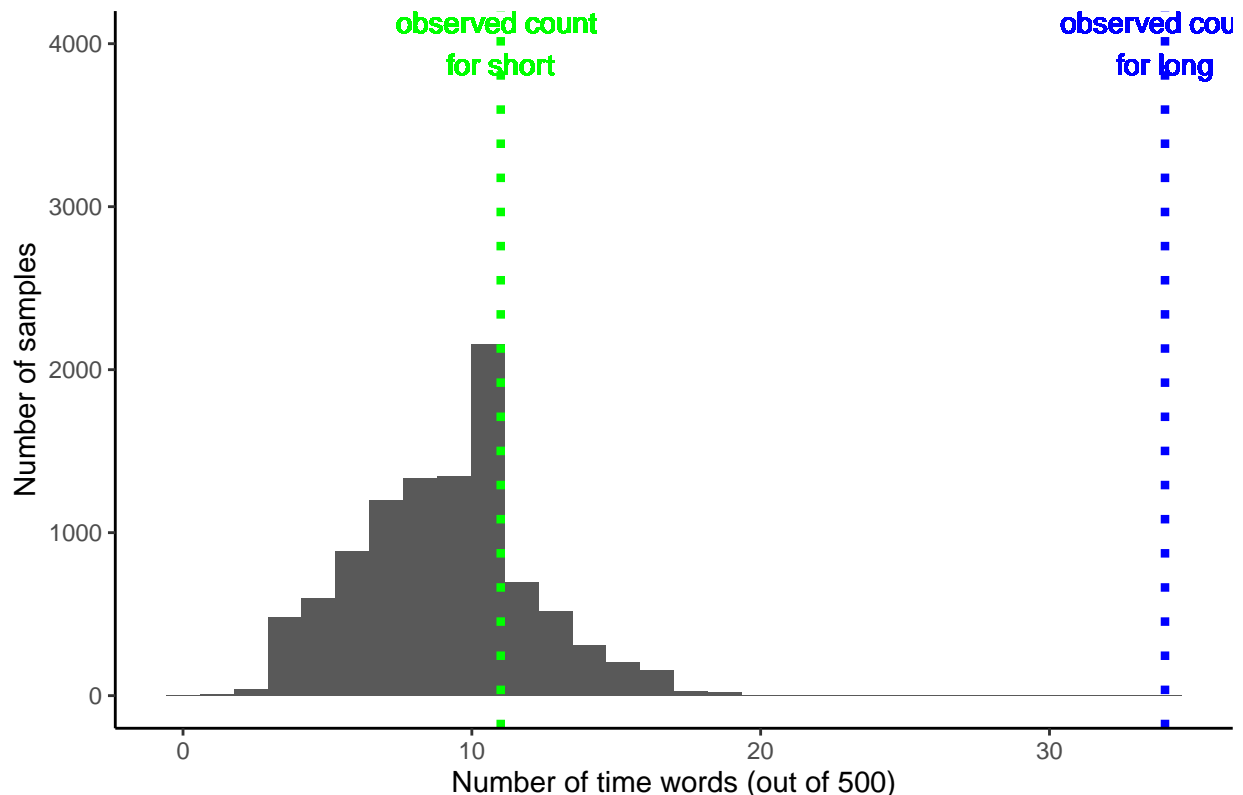
Generate the null distribution for number of space words, time words, and their difference – samples with n = 500

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## Warning: Ignoring unknown parameters: text
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## Warning: Ignoring unknown parameters: text
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```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```

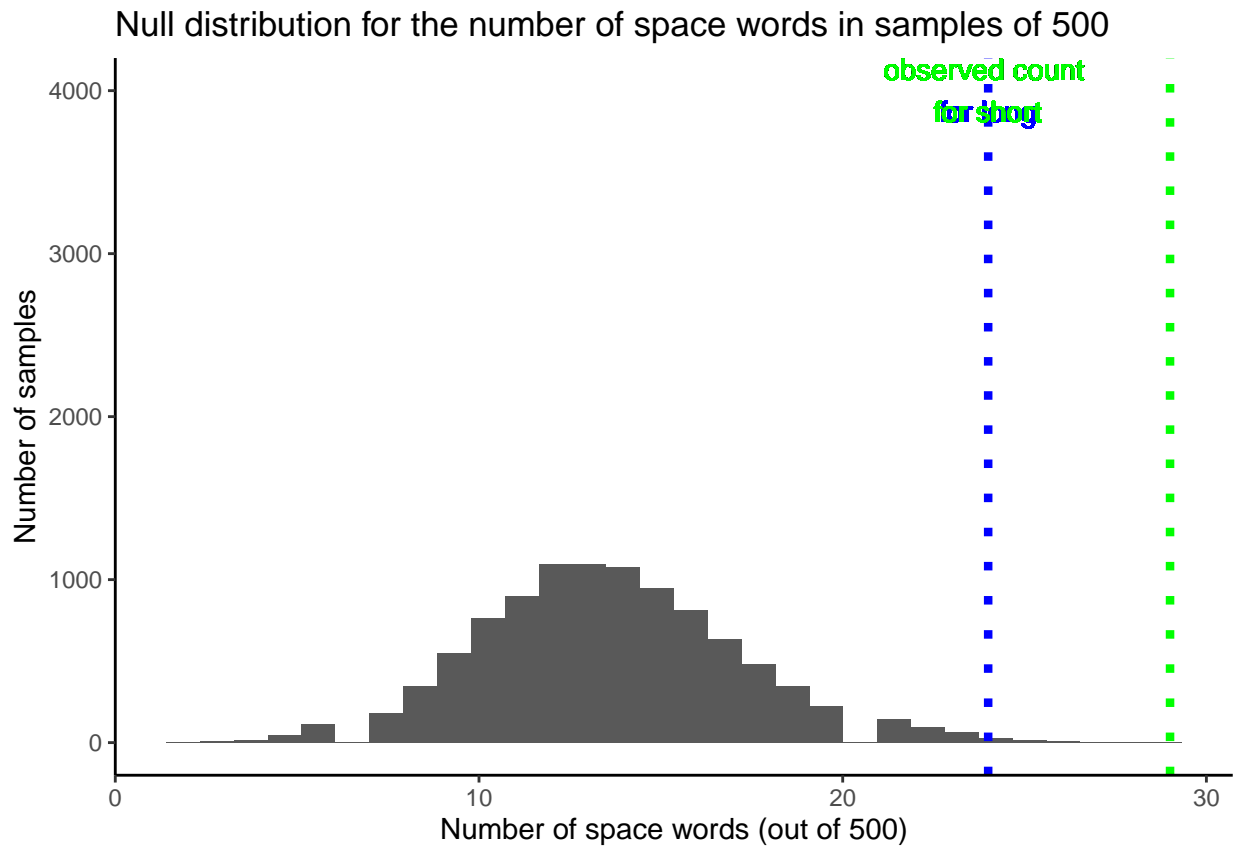
Null distribution for the number of time words in samples of 500



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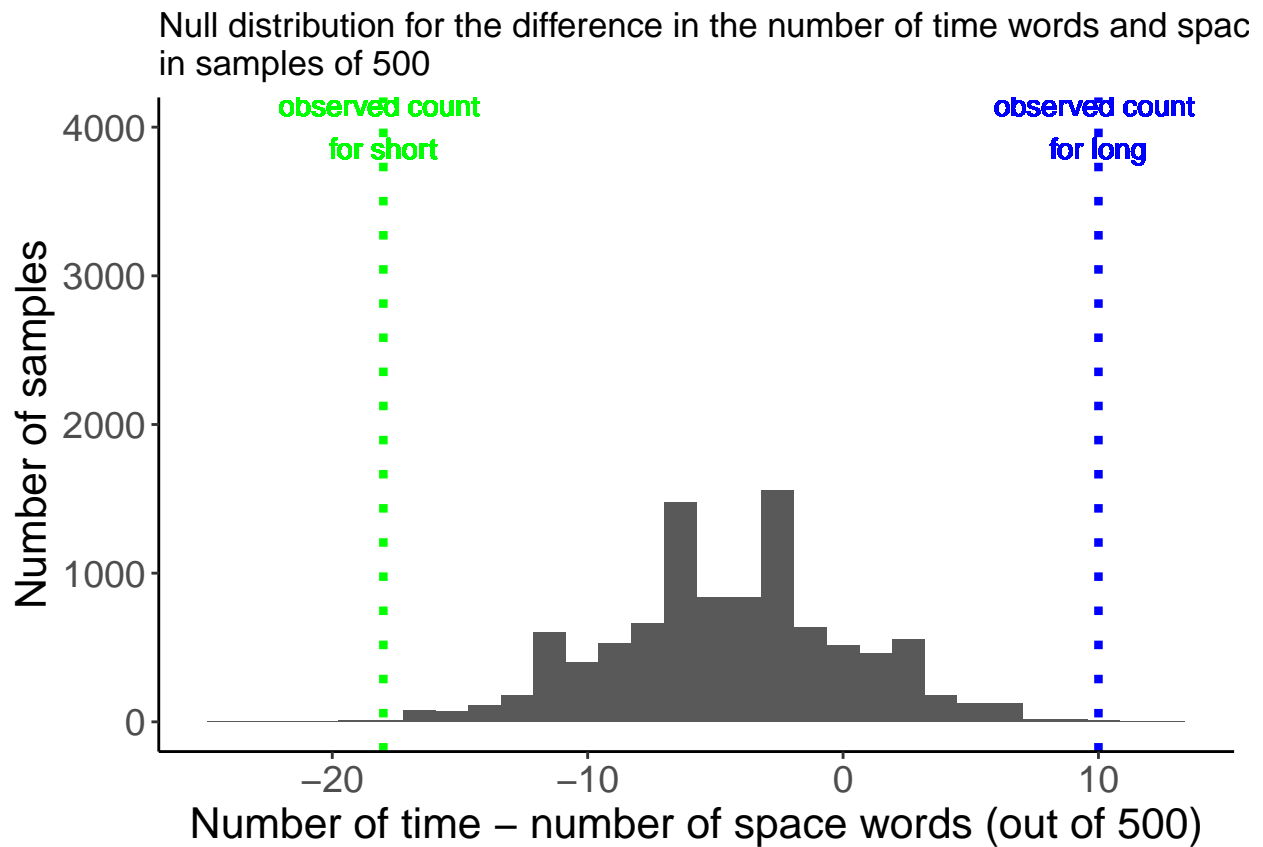
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## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
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```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



Stats for long with samples N=500

For long

[1] 0.0012

[1] 0

[1] 0.0064

For short

[1] 0.9984

[1] 0.2965

[1] 1e-04