Report Analysis across Groups
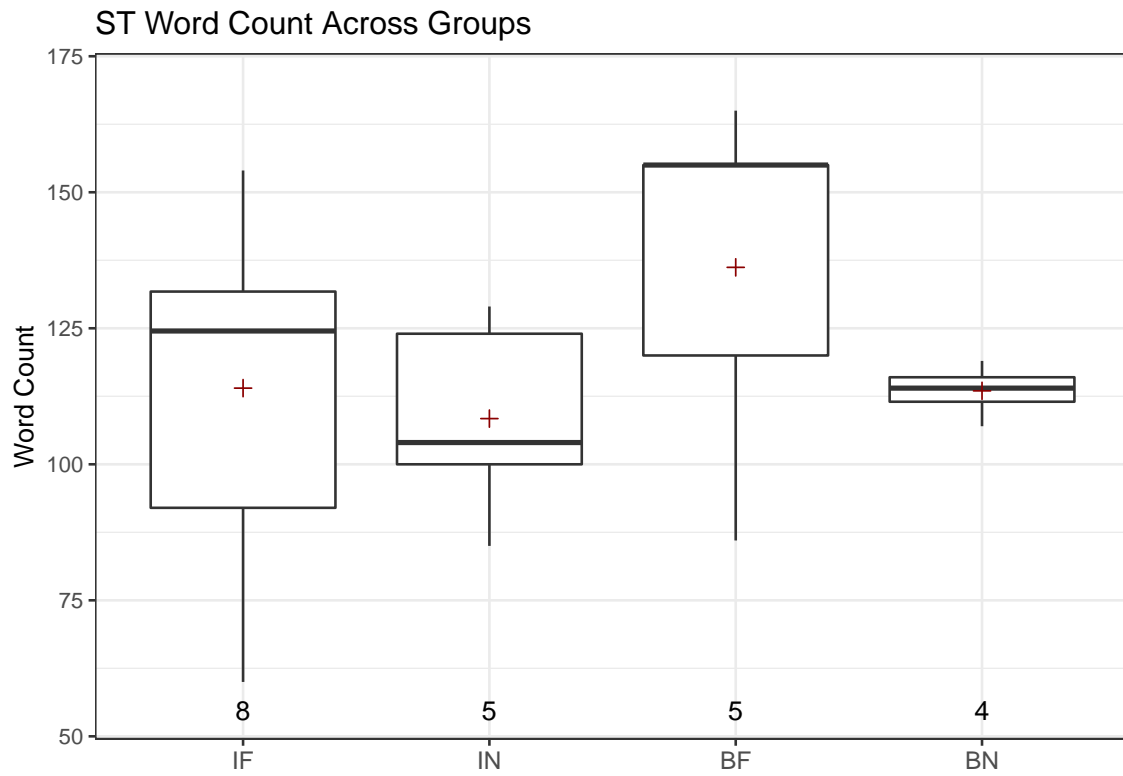

ST Word Count Across Groups

ANOVA:

```
           Df Sum Sq Mean Sq F value Pr(>F)
Condition   3   2324   774.6   1.063  0.389
Residuals  18  13113   728.5
```
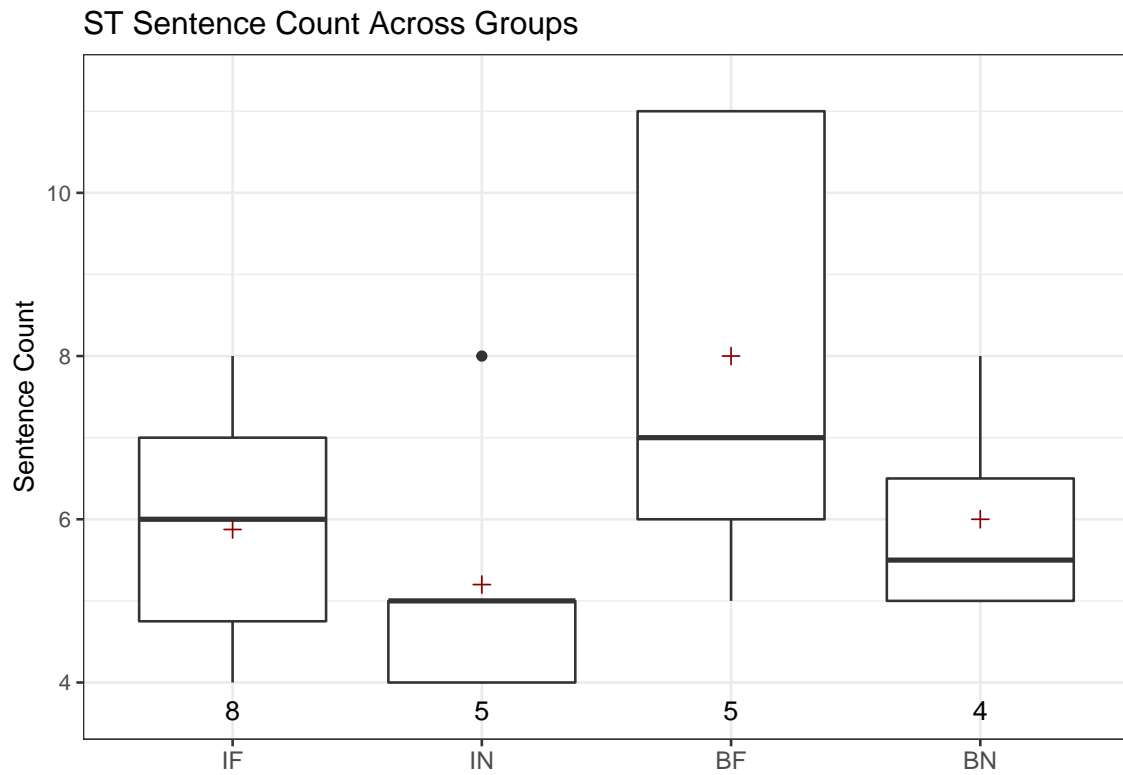
—

```
    Tukey multiple comparisons of means
      95% family-wise confidence level

Fit: aov(formula = WordCount ~ Condition, data = wb_essay_df)

$Condition
       diff       lwr       upr       p adj
IN-IF  -5.6 -49.08838 37.88838 0.9829814
BF-IF  22.2 -21.28838 65.68838 0.4904687
BN-IF  -0.5 -47.21401 46.21401 0.9999897
BF-IN  27.8 -20.44602 76.04602 0.3884180
BN-IN   5.1 -46.07263 56.27263 0.9919274
BN-BF -22.7 -73.87263 28.47263 0.6023819
```

ST Sentence Count Across Groups

ANOVA:

```
           Df Sum Sq Mean Sq F value Pr(>F)
Condition   3  22.19   7.396   2.091  0.137
Residuals  18  63.68   3.538
```

—

```
        Tukey multiple comparisons of means
          95% family-wise confidence level

Fit: aov(formula = SentenceCount ~ Condition, data = wb_essay_df)

$Condition
        diff        lwr       upr       p adj
IN-IF -0.675 -3.7054466 2.355447 0.9211862
BF-IF  2.125 -0.9054466 5.155447 0.2312214
BN-IF  0.125 -3.1302218 3.380222 0.9995245
BF-IN  2.800 -0.5619786 6.161979 0.1227435
BN-IN  0.800 -2.7659168 4.365917 0.9196589
BN-BF -2.000 -5.5659168 1.565917 0.4112399
```

## DT Word Count Across Groups
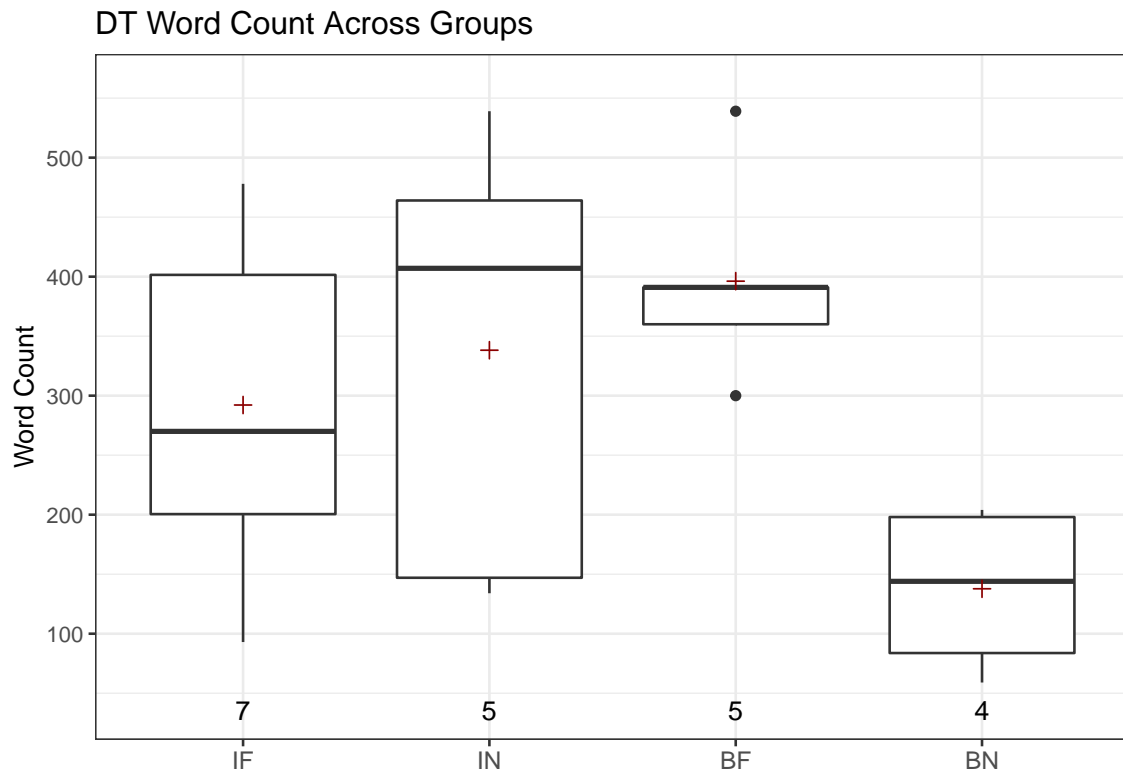
ANOVA:

```
           Df Sum Sq Mean Sq F value Pr(>F)
Condition   3 159252   53084   2.957 0.0619 .
Residuals  17 305173   17951
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

—

```
    Tukey multiple comparisons of means
      95% family-wise confidence level

Fit: aov(formula = WordCount ~ Condition, data = dt_essay_df)

$Condition
            diff       lwr       upr     p adj
IN-IF    46.05714 -176.9479 269.06222 0.9346217
BF-IF   104.05714 -118.9479 327.06222 0.5595652
BN-IF  -154.39286 -393.1055  84.31982 0.2903294
BF-IN    58.00000 -182.8730 298.87301 0.9015871
BN-IN  -200.45000 -455.9344  55.03441 0.1548837
BN-BF  -258.45000 -513.9344  -2.96559 0.0468723
```

DT Sentence Count Across Groups
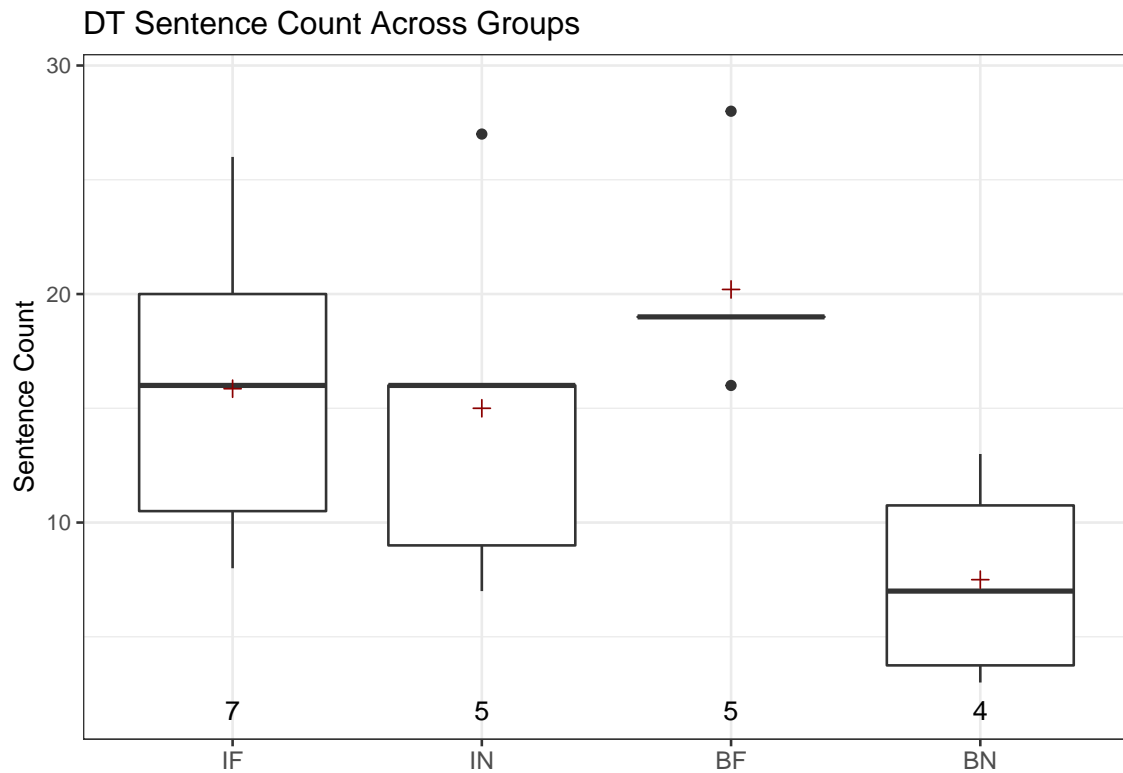
ANOVA:

```
           Df Sum Sq Mean Sq F value Pr(>F)
Condition   3  365.2  121.72   3.013 0.0589 .
Residuals  17  686.7   40.39
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

———

```
  Tukey multiple comparisons of means
    95% family-wise confidence level

Fit: aov(formula = SentenceCount ~ Condition, data = dt_essay_df)

$Condition
            diff        lwr       upr    p adj
IN-IF  -0.8571429 -11.435337  9.7210509 0.9955262
BF-IF   4.3428571  -6.235337 14.9210509 0.6547655
BN-IF  -8.3571429 -19.680423  2.9661371 0.1934465
BF-IN   5.2000000  -6.225755 16.6257552 0.5790406
BN-IN  -7.5000000 -19.618843  4.6188434 0.3257687
BN-BF -12.7000000 -24.818843 -0.5811566 0.0382191
```

Parts of Speech Table

Number	Tag	Description
1	CC	Coordinating conjunction
2	CD	Cardinal number
3	DT	Determiner
4	EX	Existential there
5	FW	Foreign word
6	IN	Preposition or subordinating conjunction
7	JJ	Adjective
8	JJR	Adjective, comparative
9	JJS	Adjective, superlative
10	LS	List item marker
11	MD	Modal
12	NN	Noun, singular or mass
13	NNS	Noun, plural
14	NNP	Proper noun, singular
15	NNPS	Proper noun, plural
16	PDT	Predeterminer
17	POS	Possessive ending
18	PRP	Personal pronoun
19	PRP$	Possessive pronoun
20	RB	Adverb
21	RBR	Adverb, comparative
22	RBS	Adverb, superlative
23	RP	Particle
24	SYM	Symbol
25	TO	to
26	UH	Interjection
27	VB	Verb, base form
28	VBD	Verb, past tense
29	VBG	Verb, gerund or present participle
30	VBN	Verb, past participle
31	VBP	Verb, non-3rd person singular present
32	VBZ	Verb, 3rd person singular present
33	WDT	Wh-determiner
34	WP	Wh-pronoun
35	WP$	Possessive wh-pronoun
36	WRB	Wh-adverb
37	OTHER	Anything else I might have missed not listed here