

[1] ""

Exact binomial test

data: `sum(df.good$Is.Latent)` and `length(df.good$Is.Latent)`

number of successes = 680, number of trials = 1298, p-value = 0.0452

alternative hypothesis: true probability of success is greater than 0.5

95 percent confidence interval:

0.5006729 1.0000000

sample estimates:

probability of success

0.5238829

Generalized linear mixed model fit by maximum likelihood (Laplace
Approximation) [glmerMod]
Family: binomial (logit)
Formula: ls.Latent ~ (1 | Patient)
Data: df.good

| AIC | BIC | logLik | deviance | df.resid |
|--------|--------|--------|----------|----------|
| 1665.8 | 1676.1 | -830.9 | 1661.8 | 1296 |

Scaled residuals:

| Min | 1Q | Median | 3Q | Max |
|---------|---------|--------|--------|--------|
| -2.7535 | -1.0090 | 0.3632 | 0.8947 | 2.5537 |

Random effects:

| Groups | Name | Variance | Std.Dev. |
|---------|-------------|----------|----------|
| Patient | (Intercept) | 0.948 | 0.9737 |

Number of obs: 1298, groups: Patient, 13

Fixed effects:

| | Estimate | Std. Error | z value | Pr(> z) |
|-------------|------------|------------|---------|----------|
| (Intercept) | -0.0007893 | 0.2782280 | -0.003 | 0.998 |

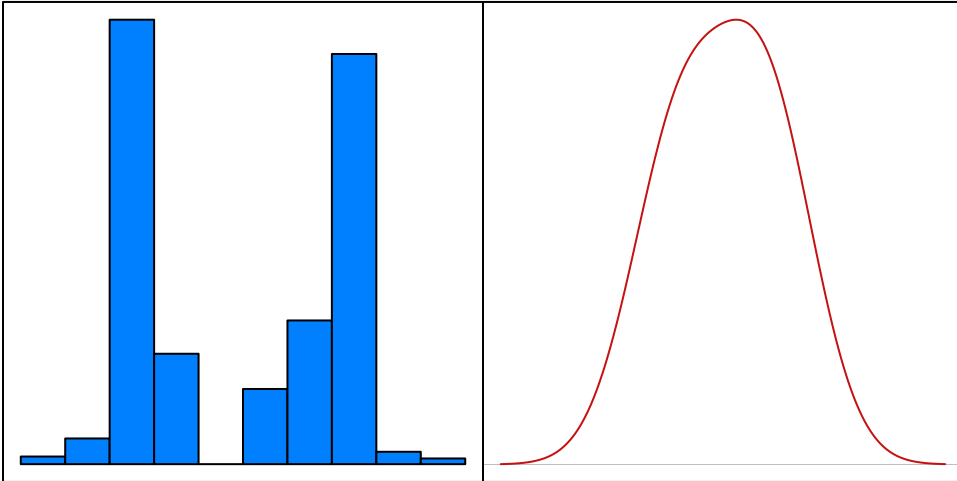
[1] "AIC: 1665.7796117211, null AIC: 1798.44747436832"

[2] "p-value: 0"

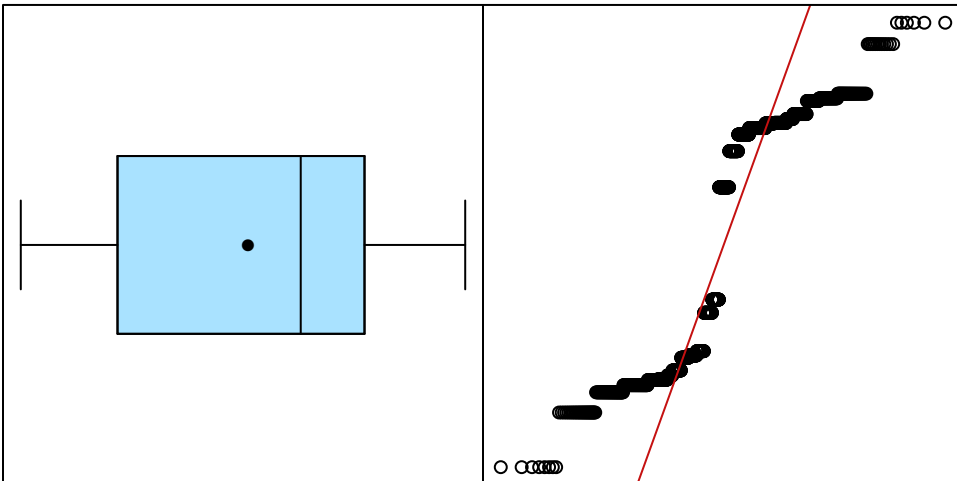
[3] "mean: 0.499802664002421"

EXPLORATORY DATA ANALYSIS

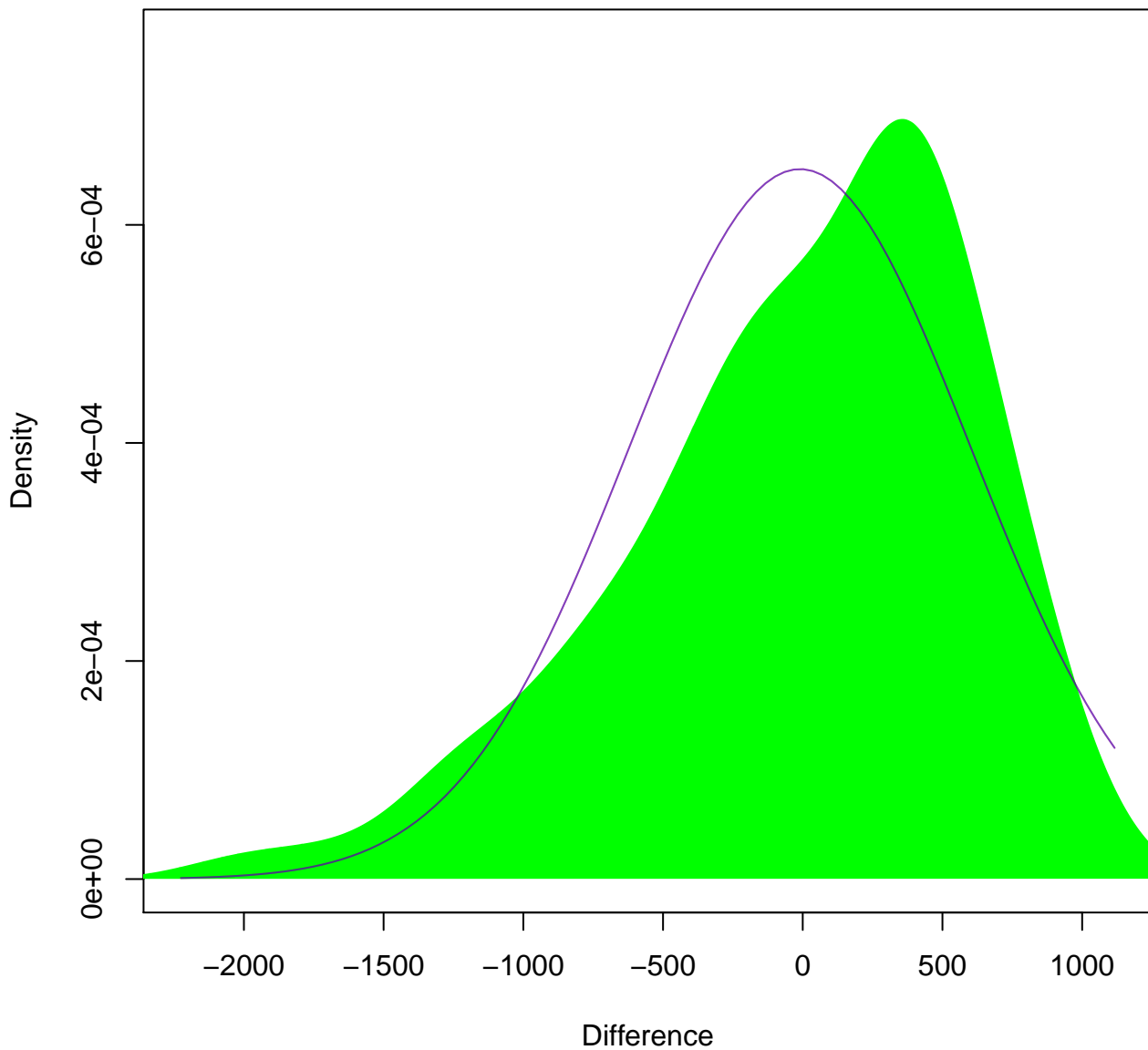
histogram of resid(bin.glme.test) Density of resid(bin.glme.test)



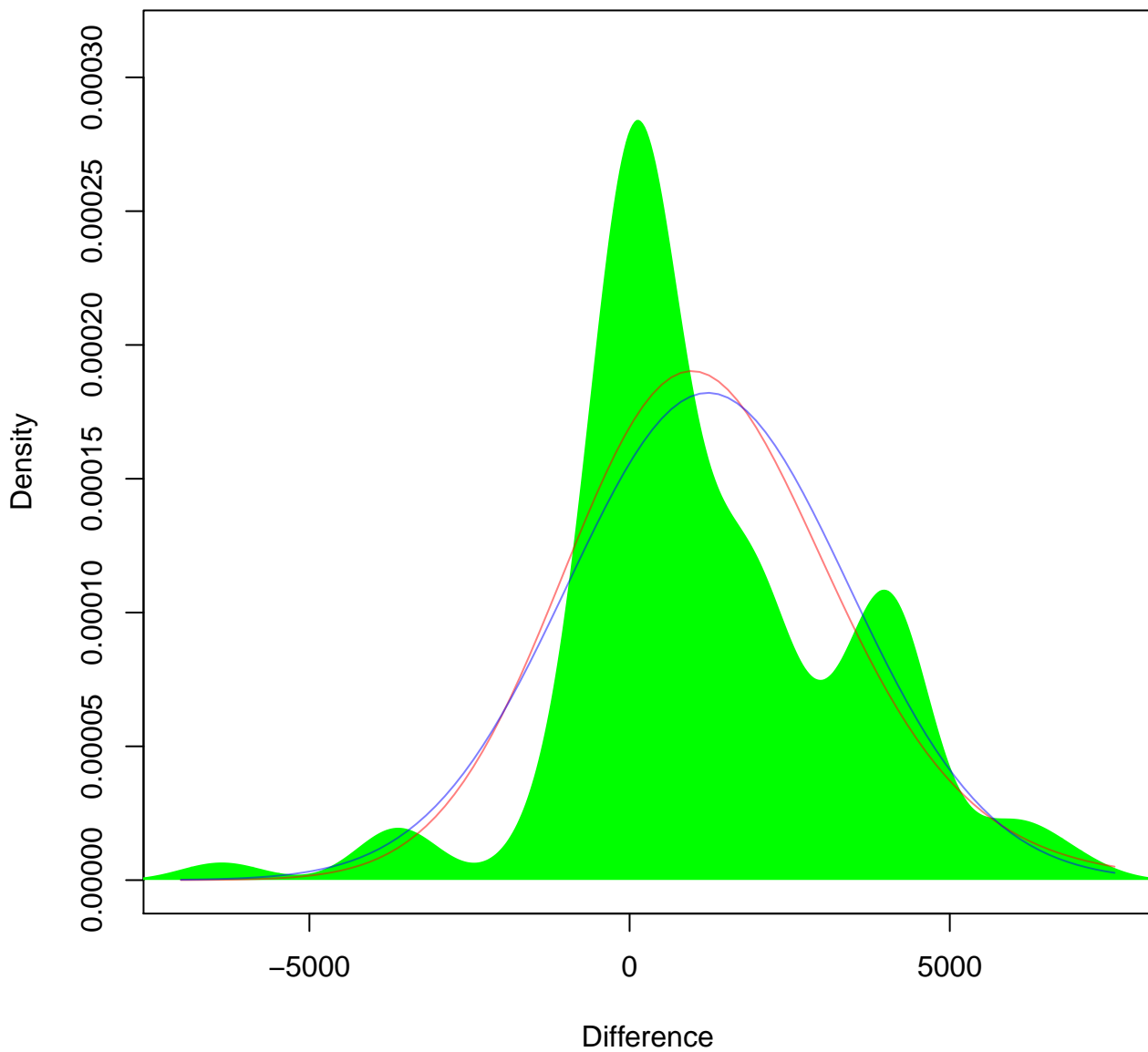
Boxplot of resid(bin.glme.test) Q-Q Plot of resid(bin.glme.test)



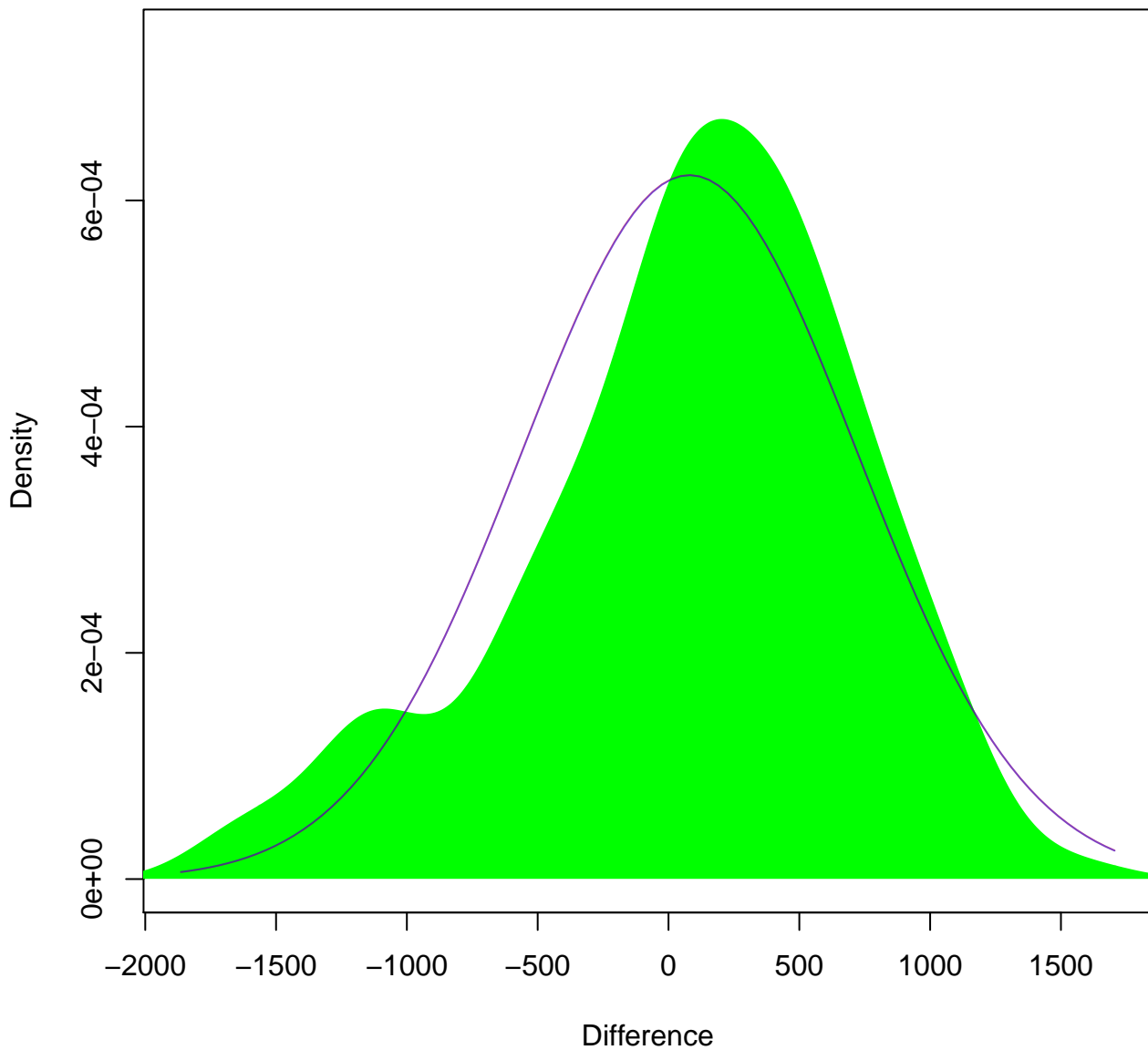
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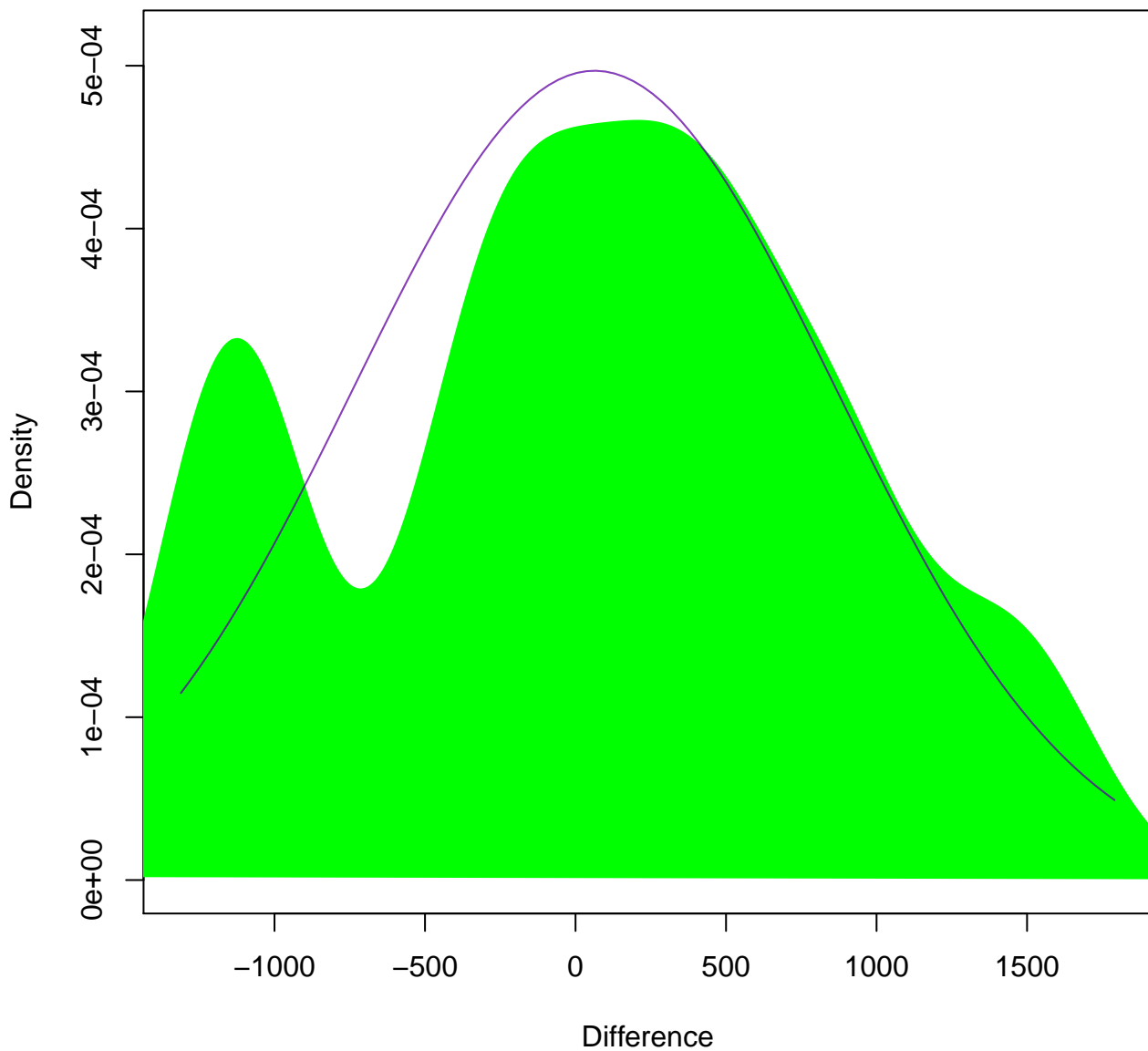
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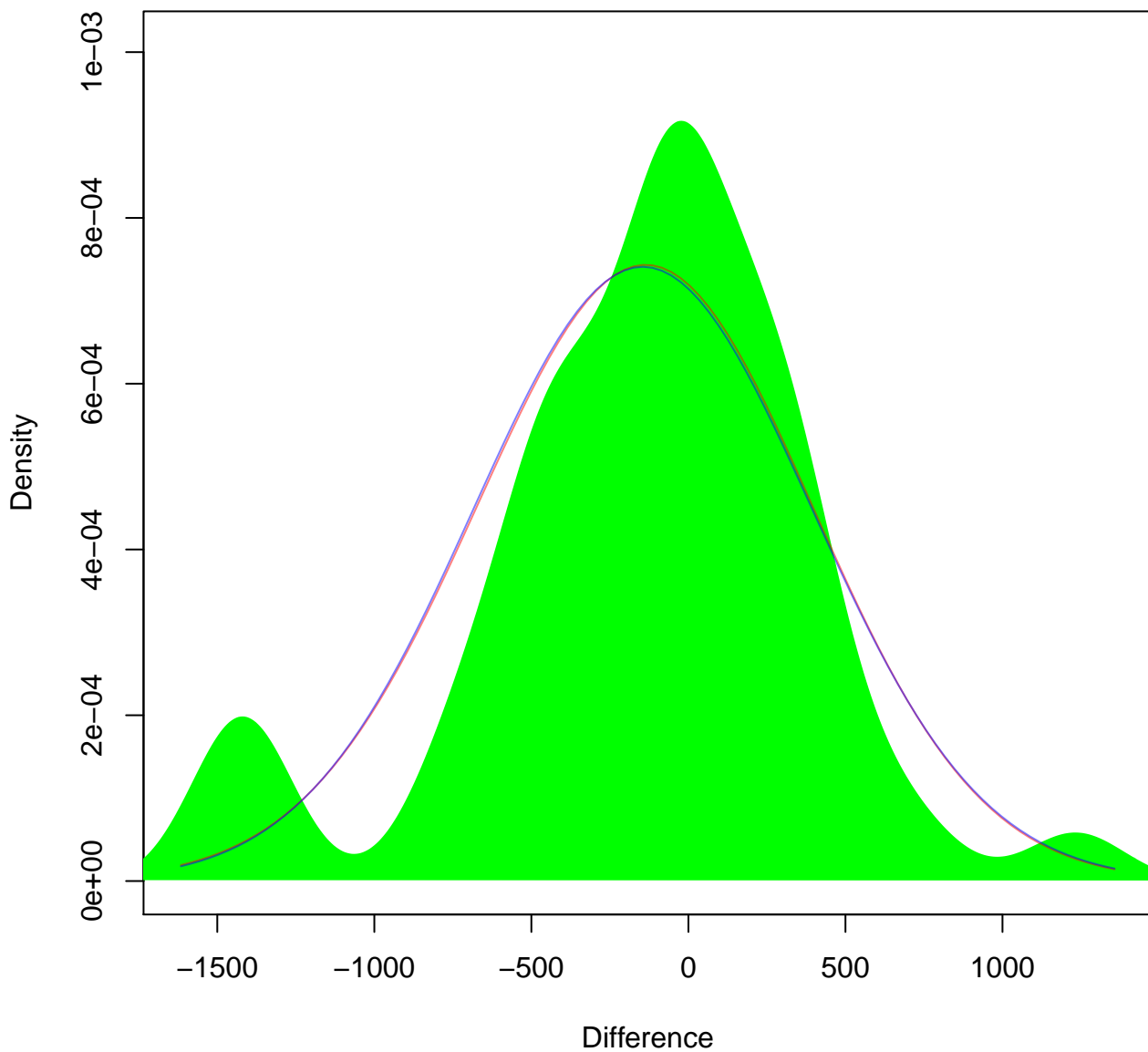
13889



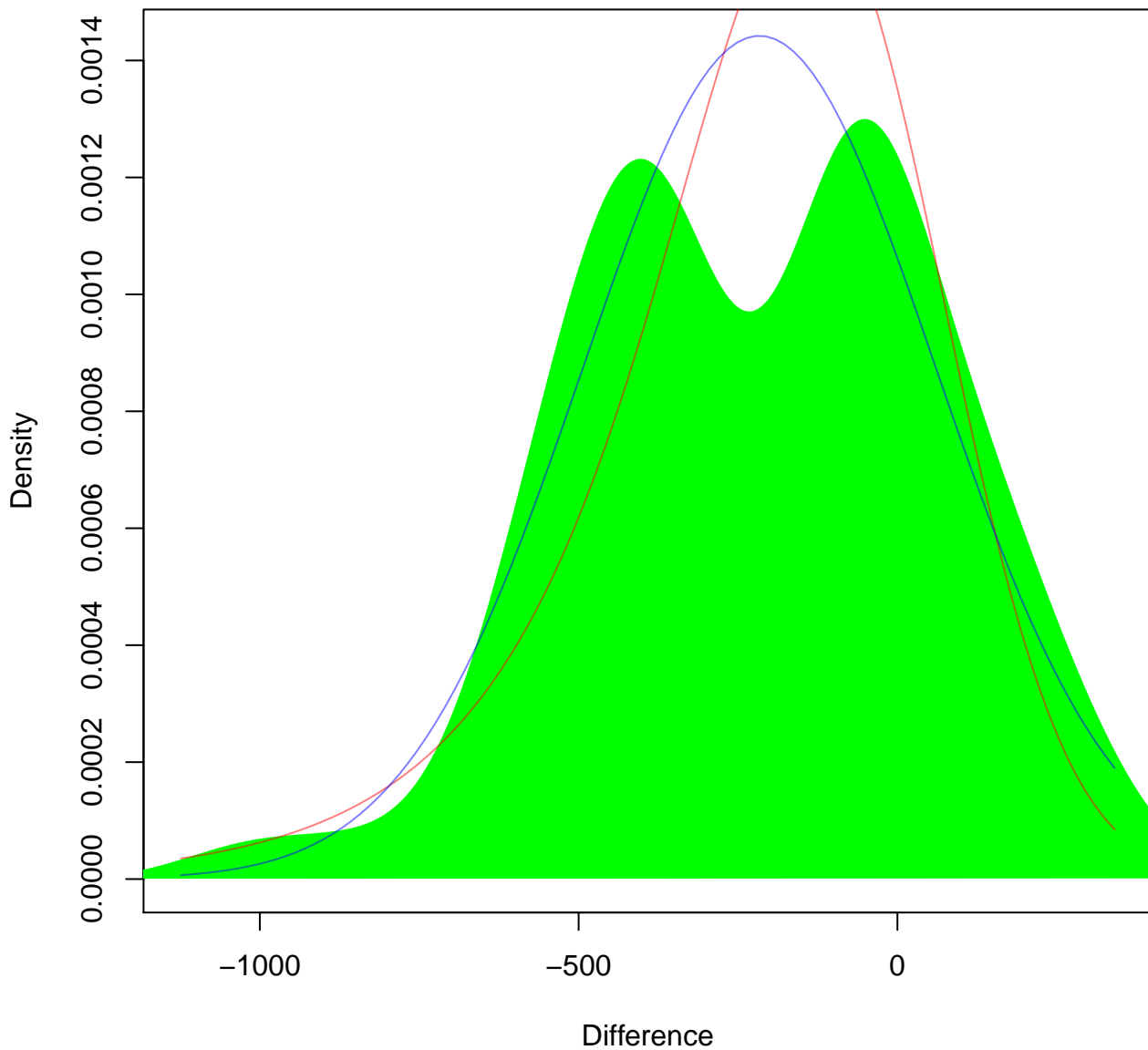
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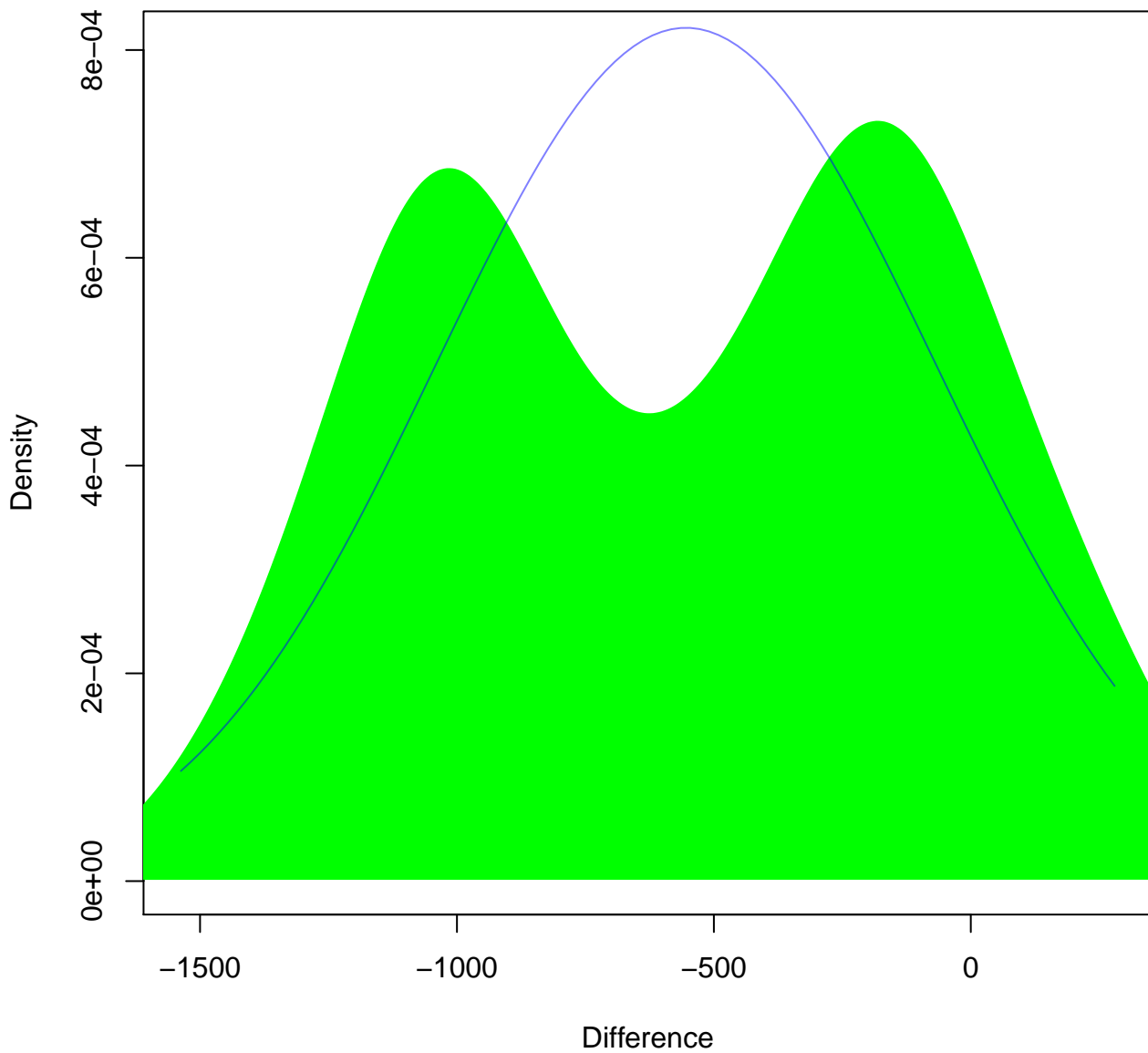
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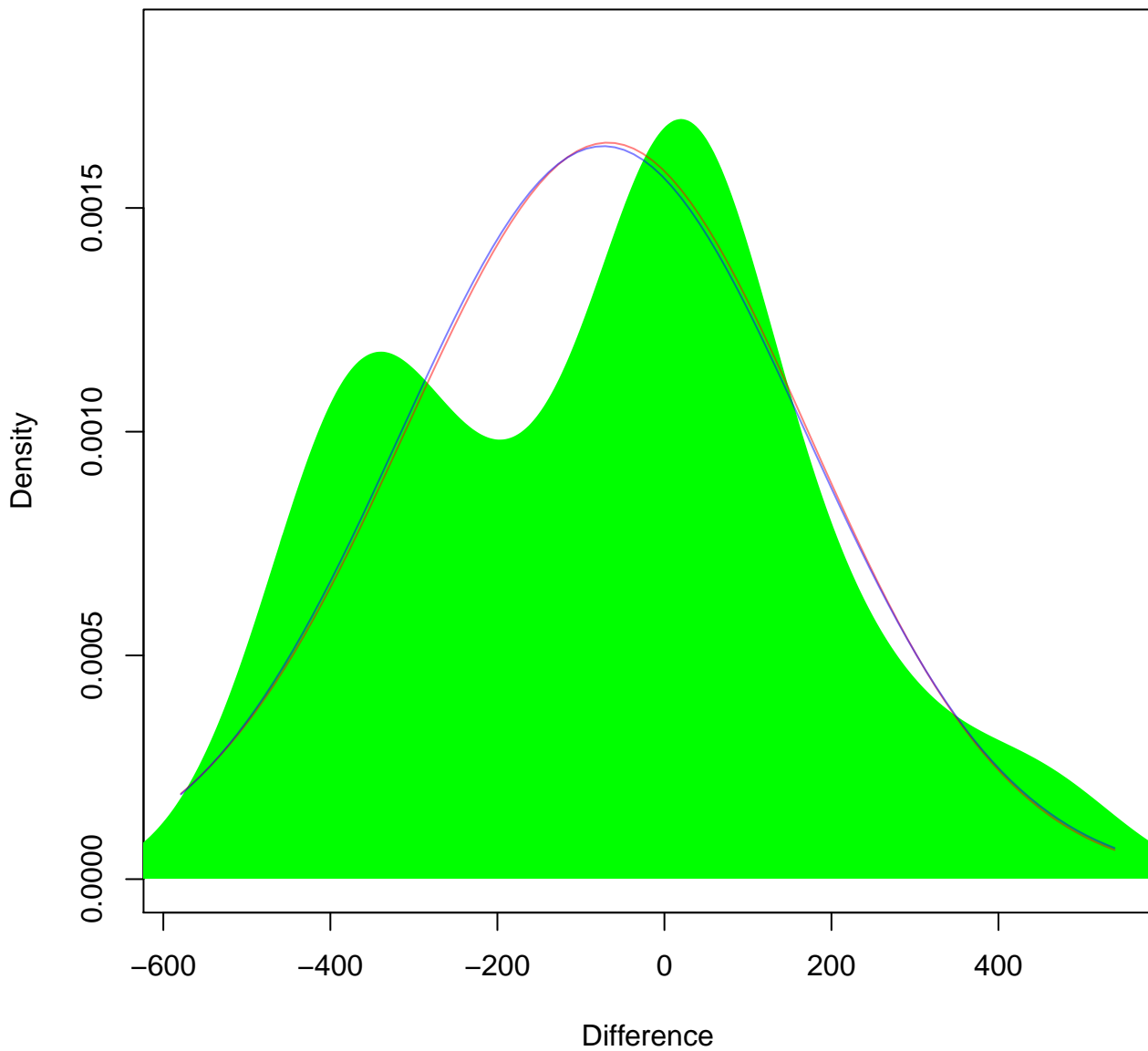
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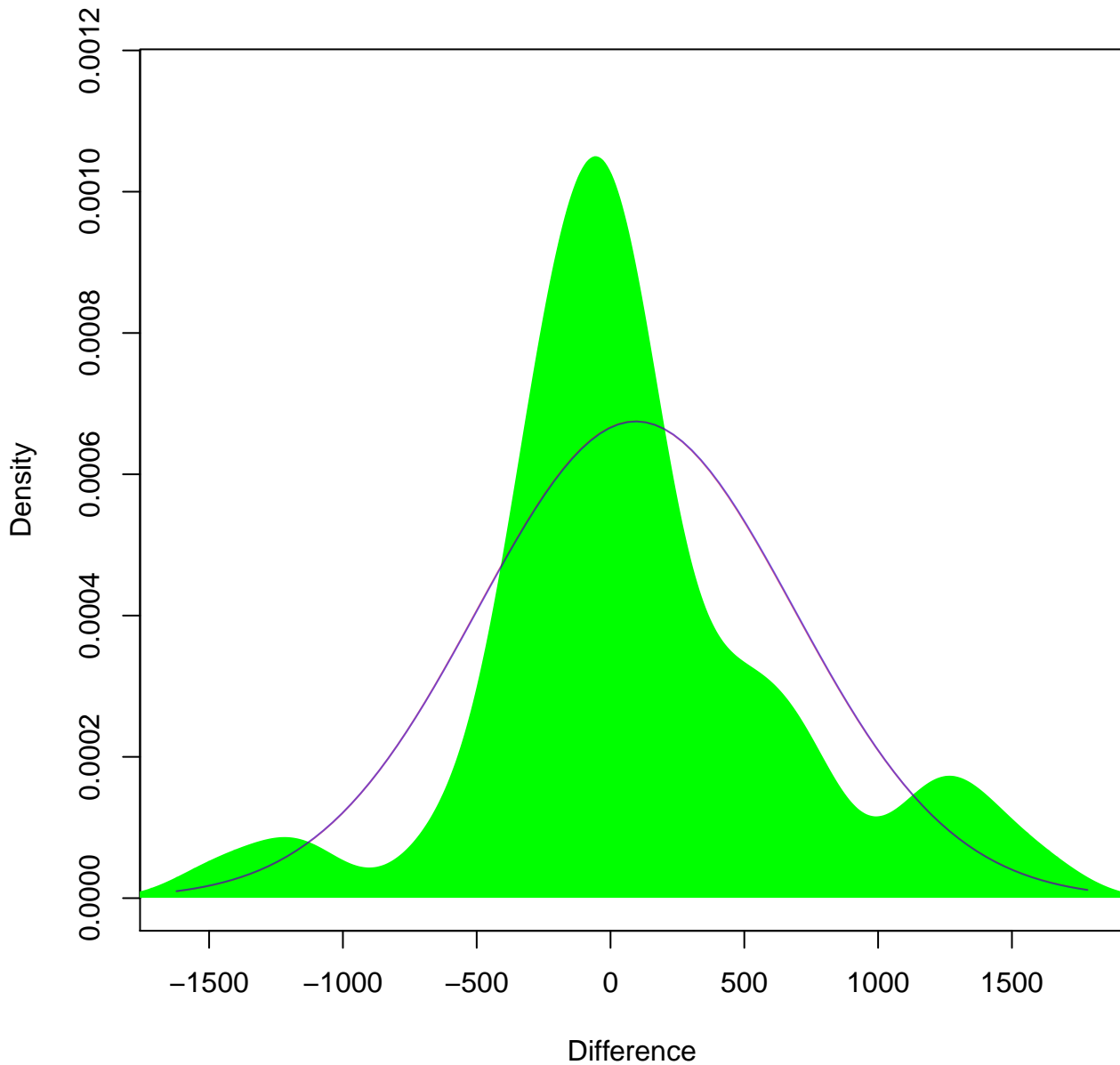
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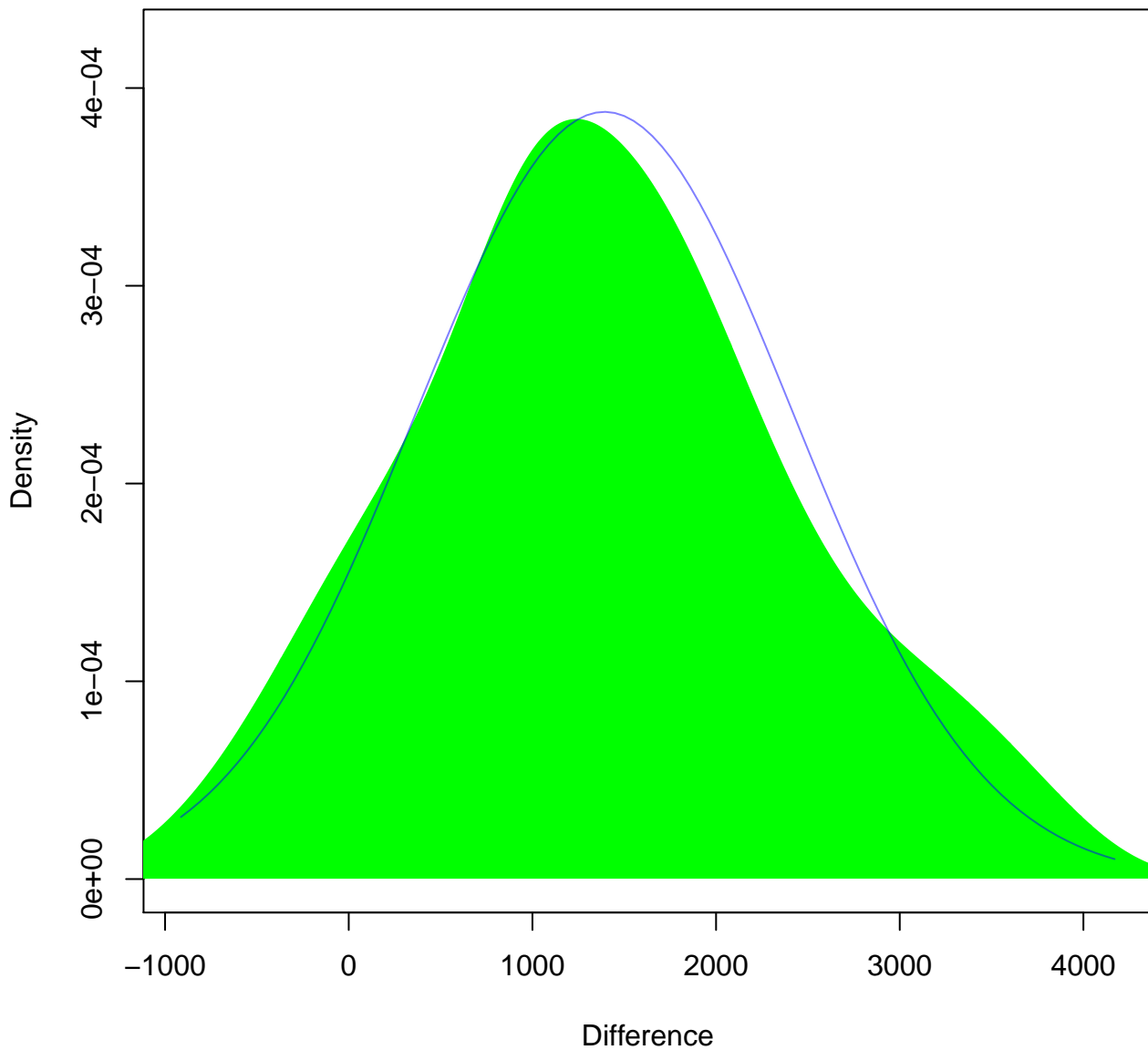
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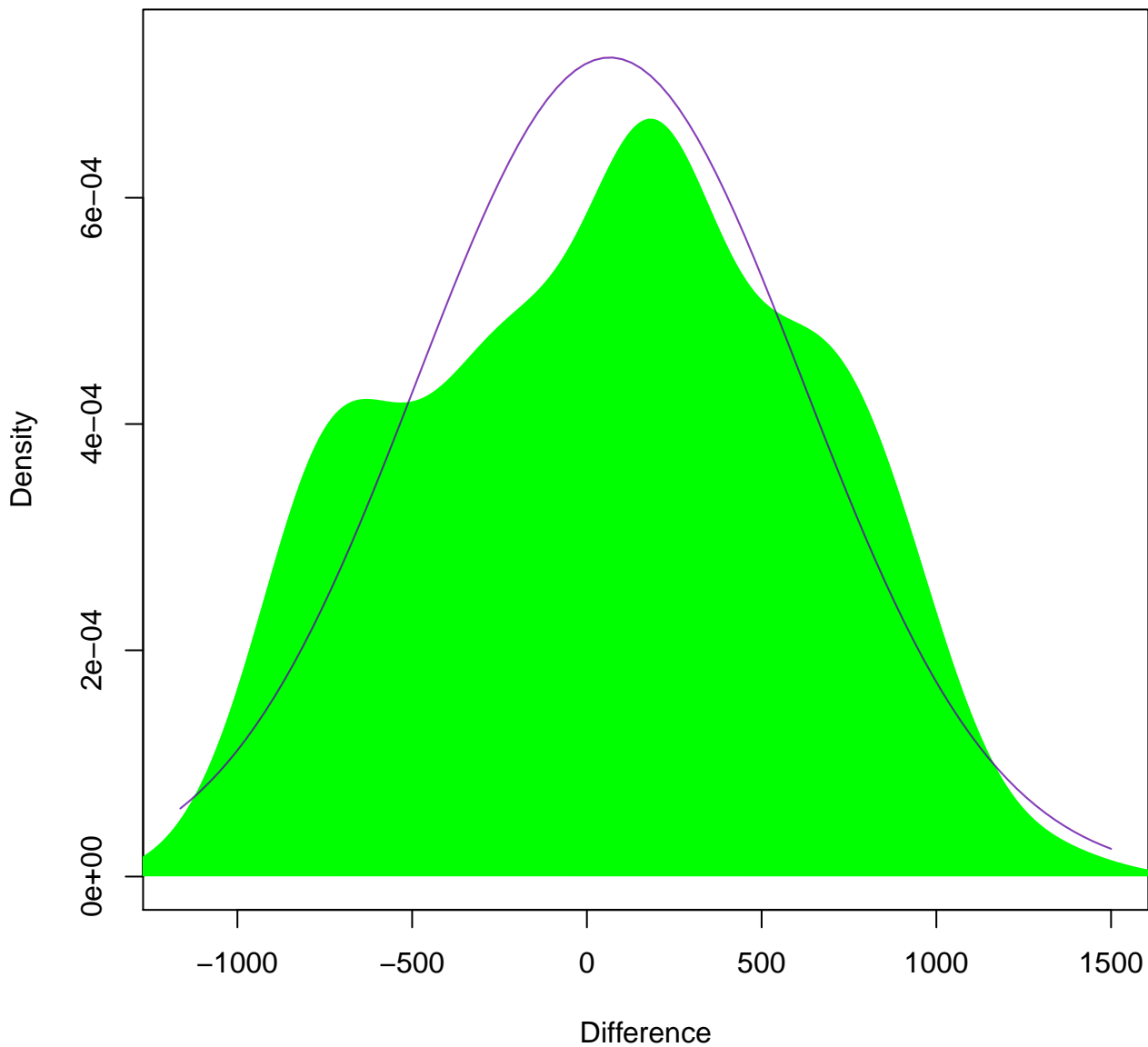
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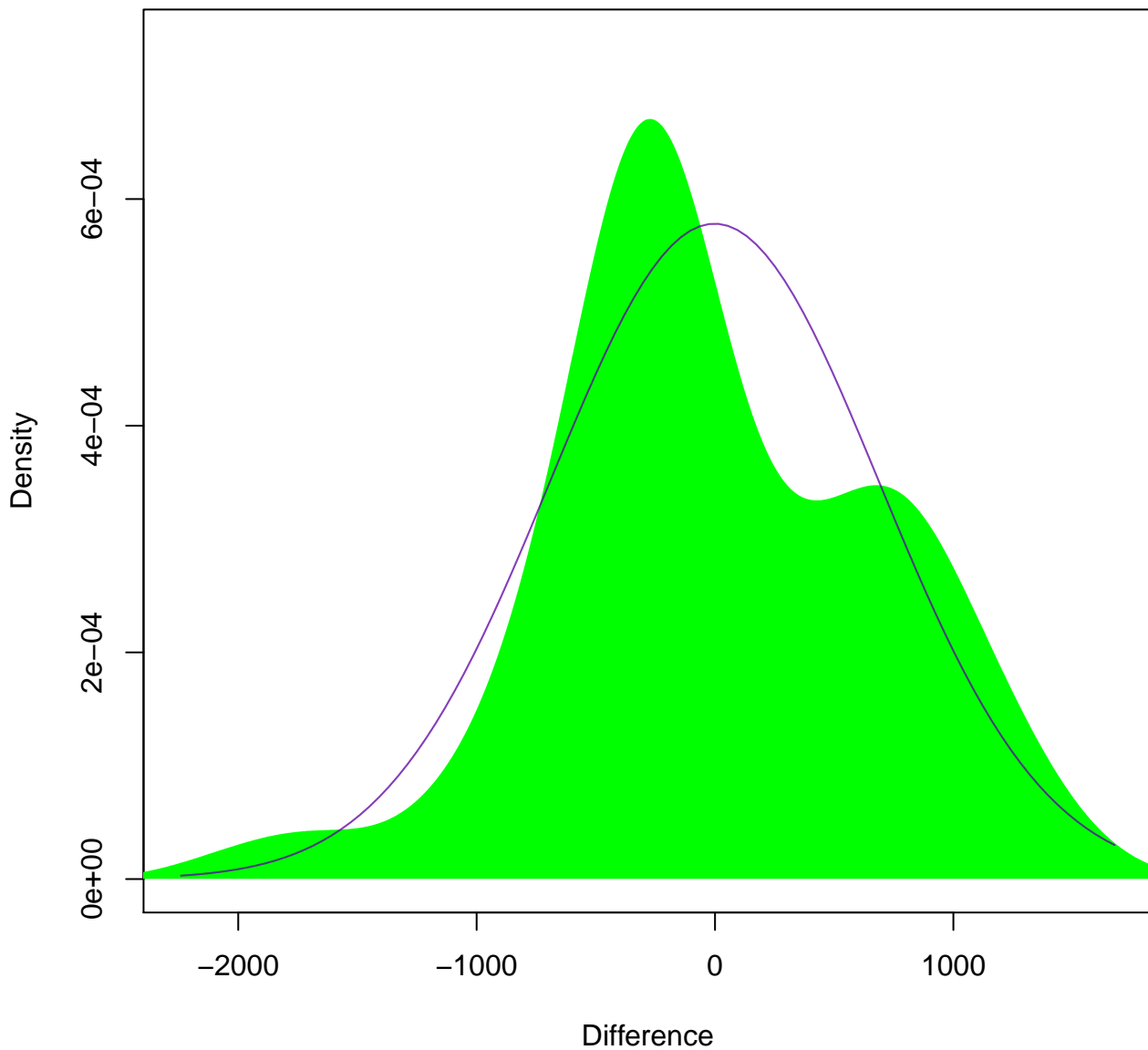
820



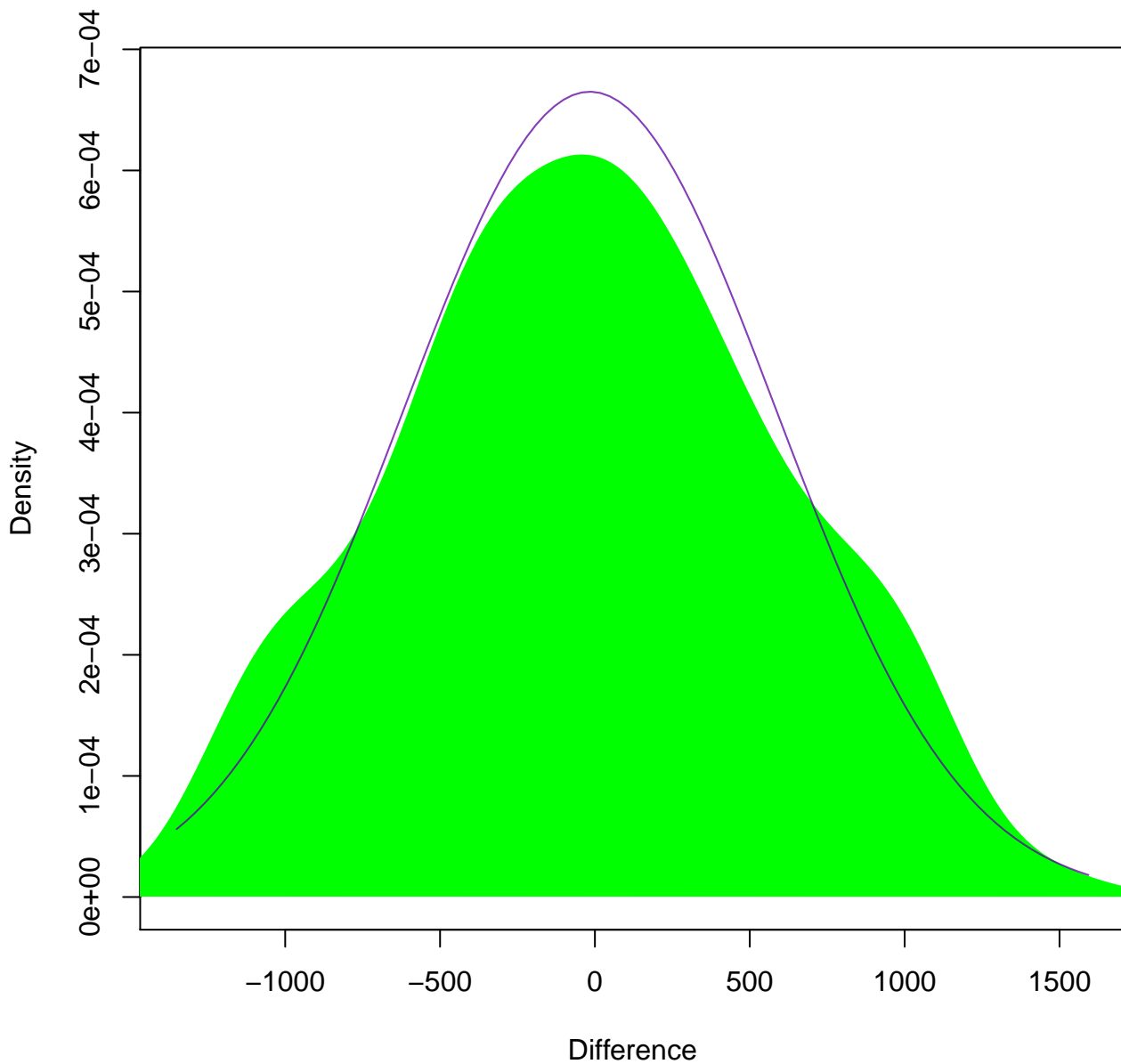
821



822



824



Overall

