

[1] "Mixed – treated"

Exact binomial test

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

number of successes = 610, number of trials = 998, p-value = $1.077\text{e-}12$

alternative hypothesis: true probability of success is greater than 0.5

95 percent confidence interval:

0.5851204 1.0000000

sample estimates:

probability of success

0.6112224

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
1261.4	1271.2	-628.7	1257.4	996

Scaled residuals:

Min	1Q	Median	3Q	Max
-2.9381	-0.9370	0.4254	0.8276	1.1361

Random effects:

Groups	Name	Variance	Std.Dev.
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Patient	(Intercept)	0.7475	0.8646
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Number of obs: 998, groups: Patient, 10

Fixed effects:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	0.6364	0.2858	2.227	0.026 *

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

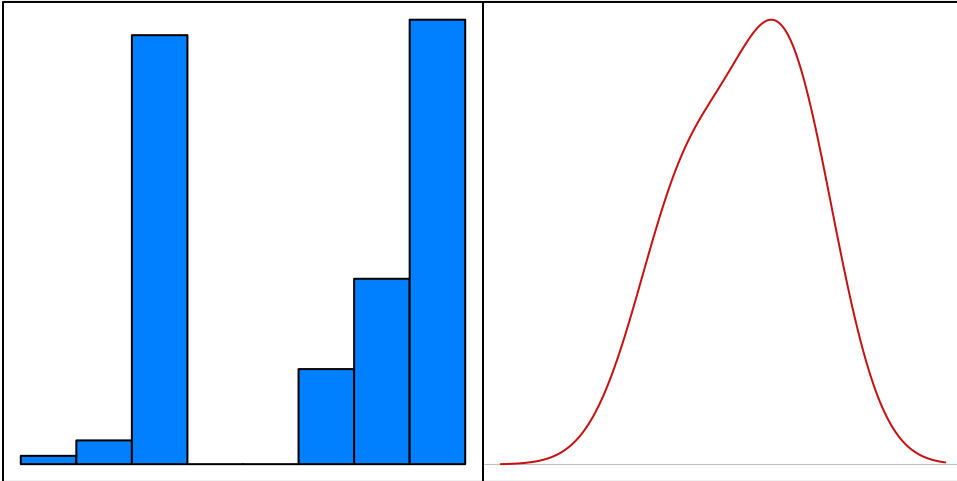
[1] "AIC: 1261.43812597203, null AIC: 1335.72346822585"

[2] "p-value: 0"

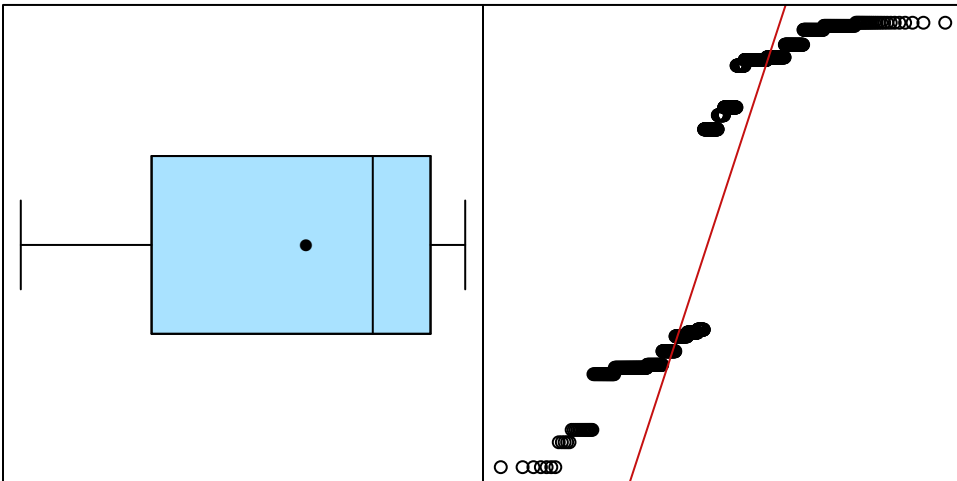
[3] "mean: 0.653931276749833"

EXPLORATORY DATA ANALYSIS

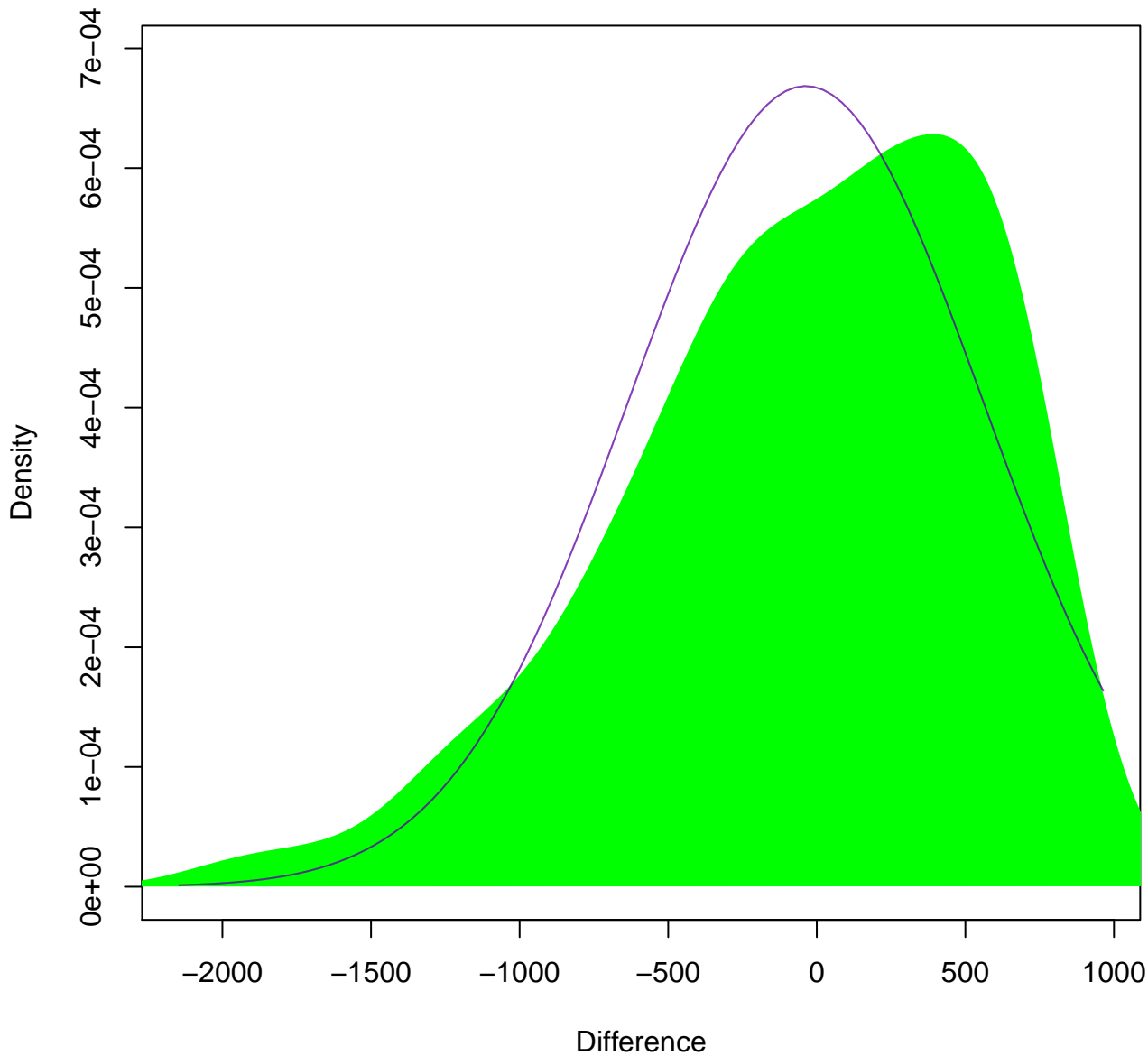
histogram of resid(bin.glme.test) Density of resid(bin.glme.test)



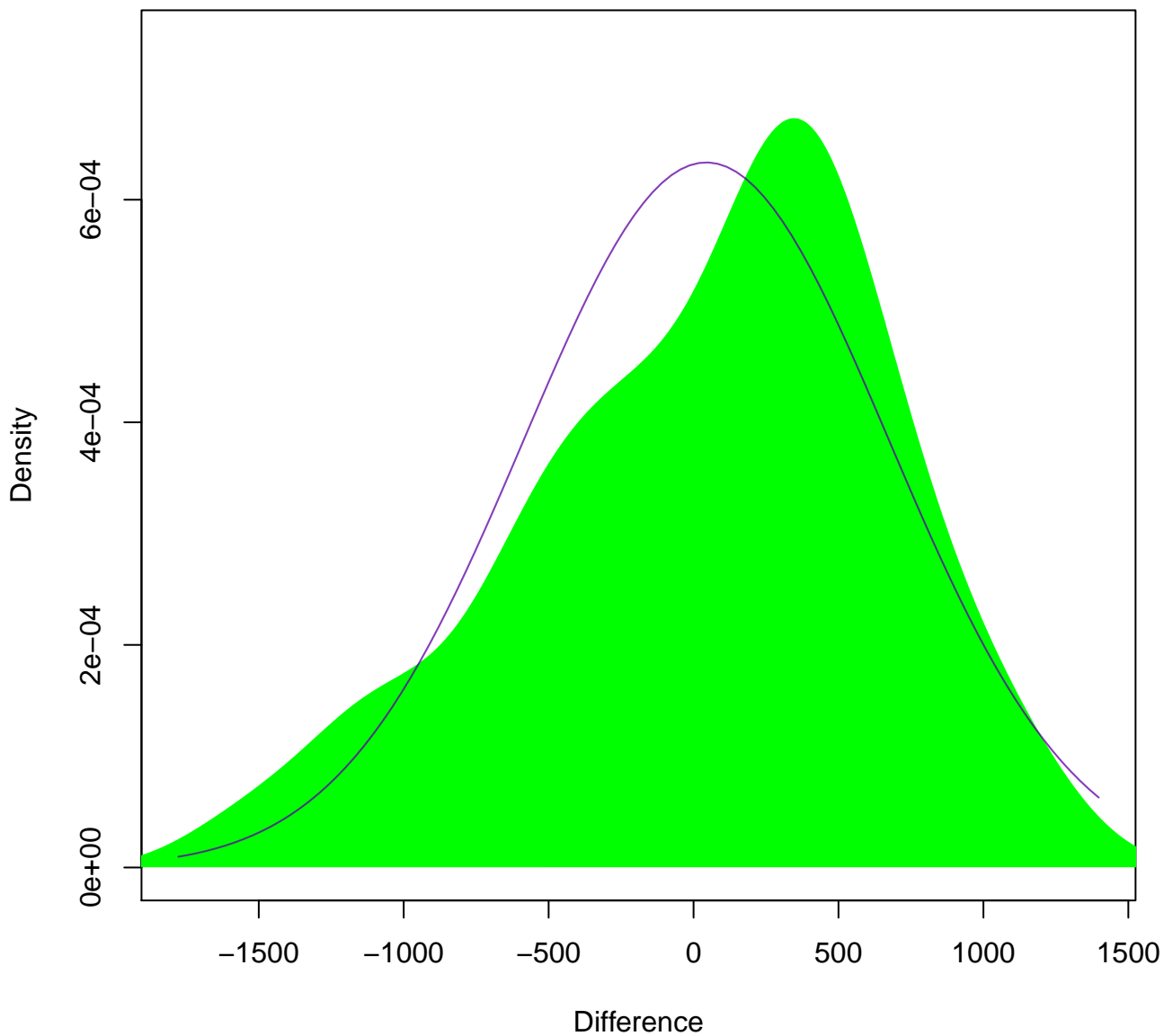
Boxplot of resid(bin.glme.test) Q-Q Plot of resid(bin.glme.test)



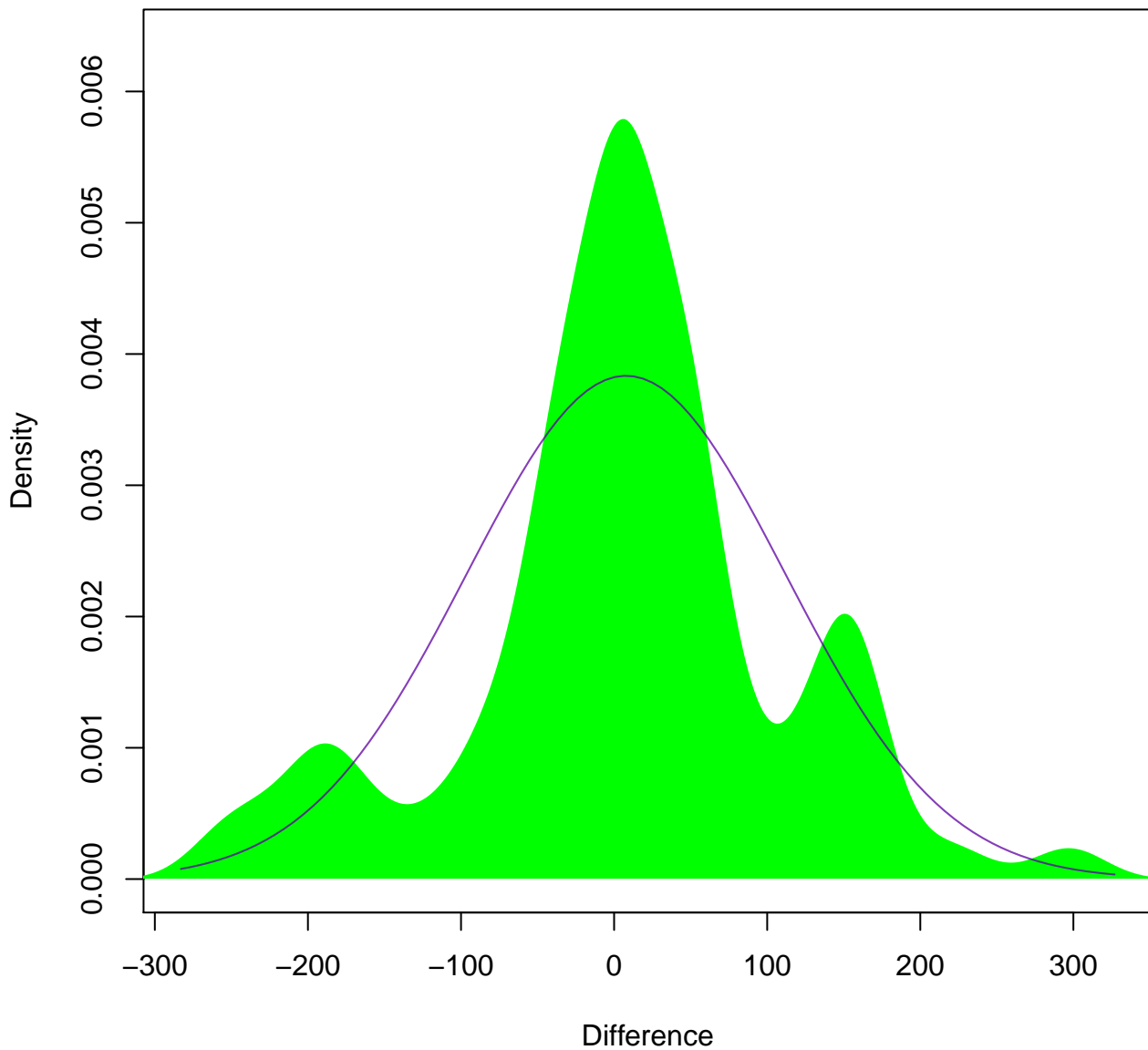
10138



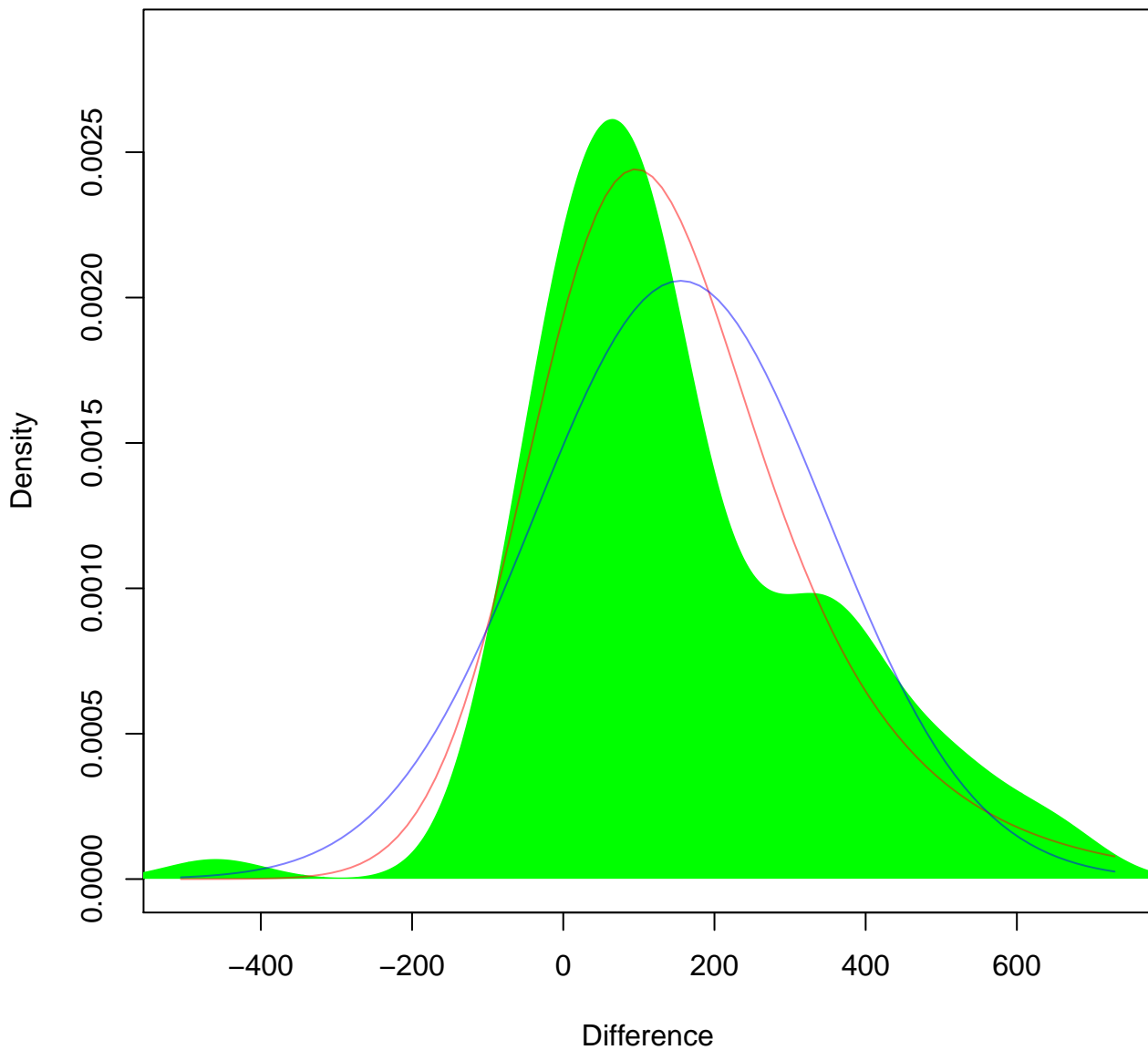
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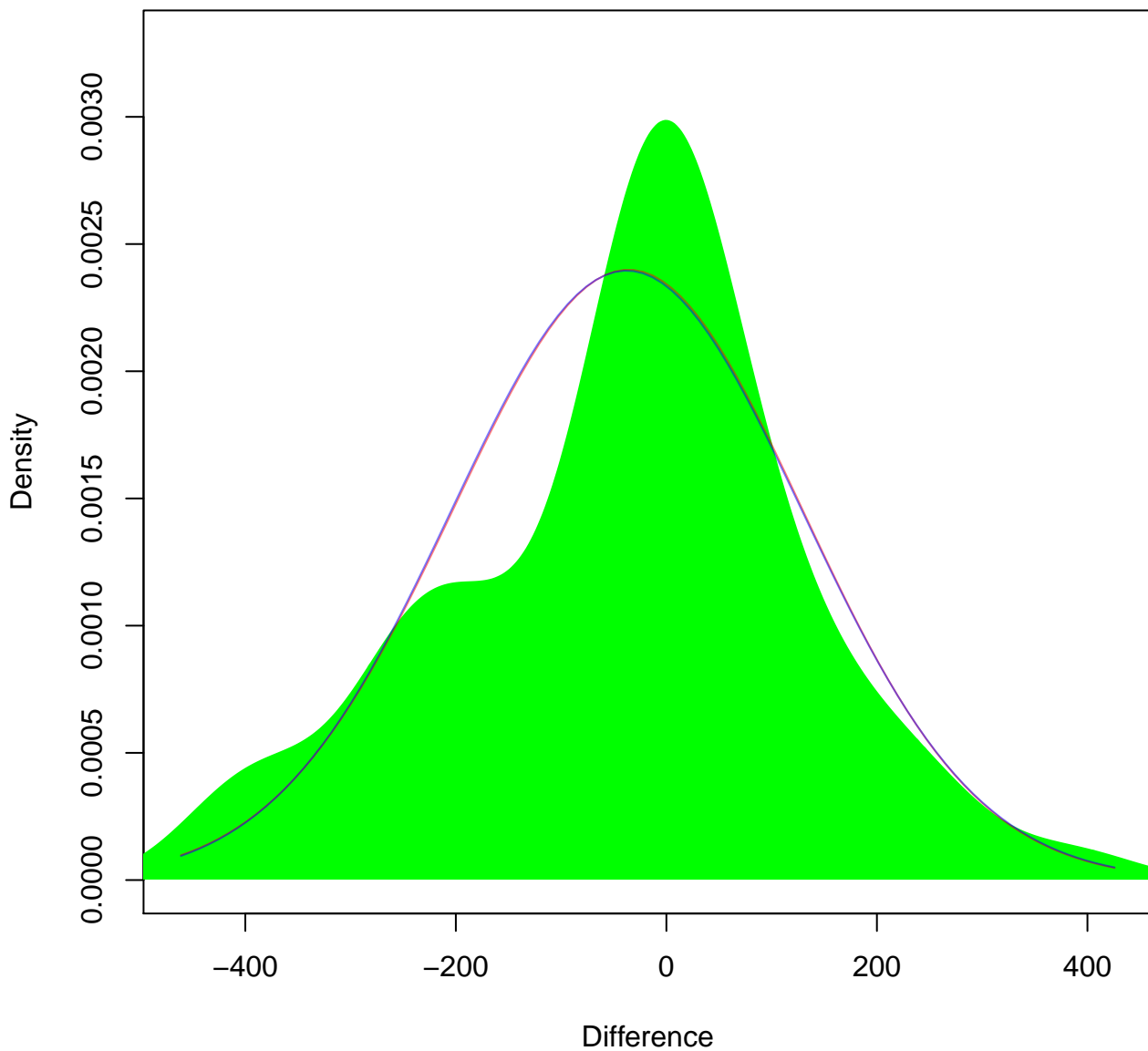
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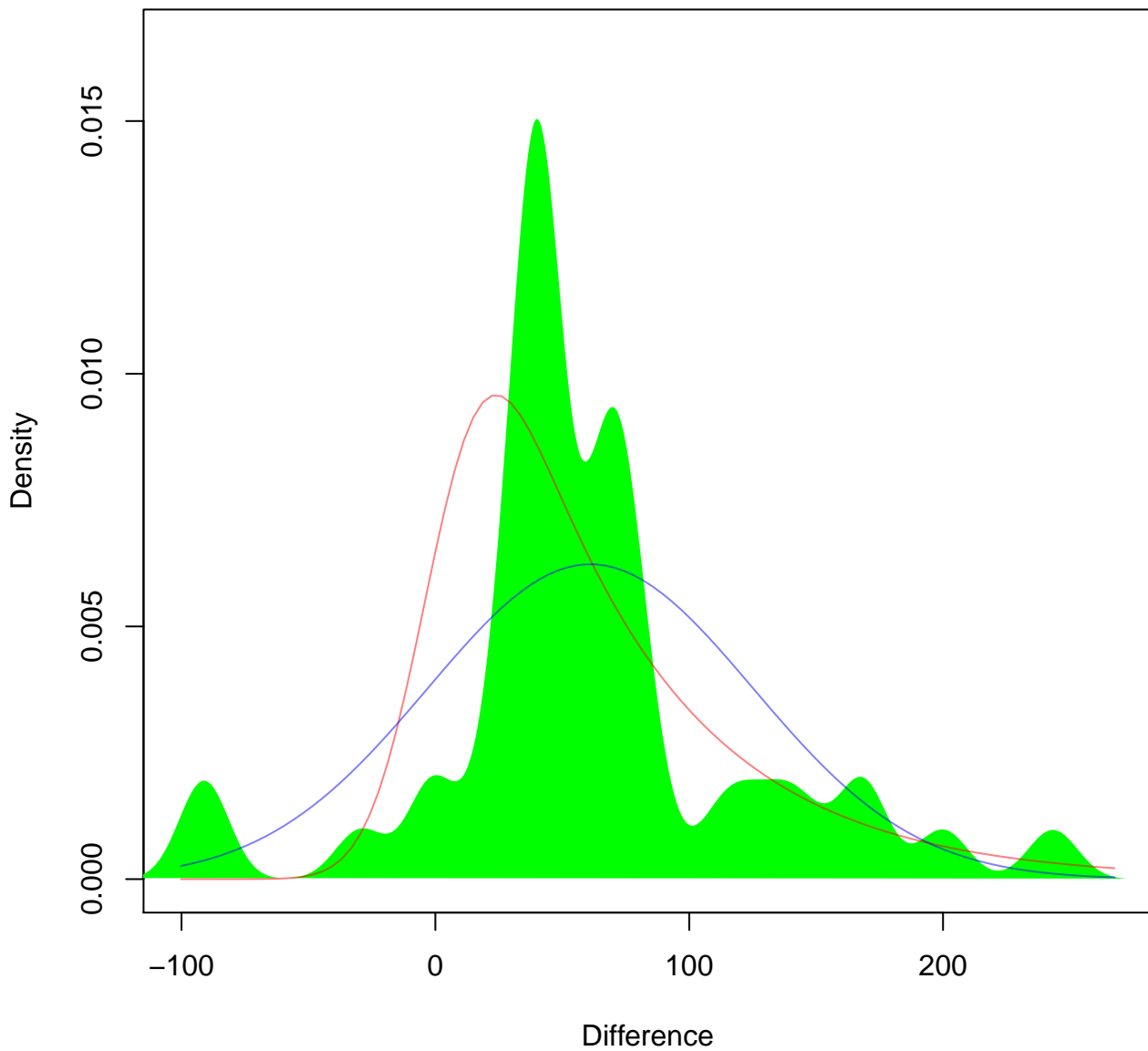
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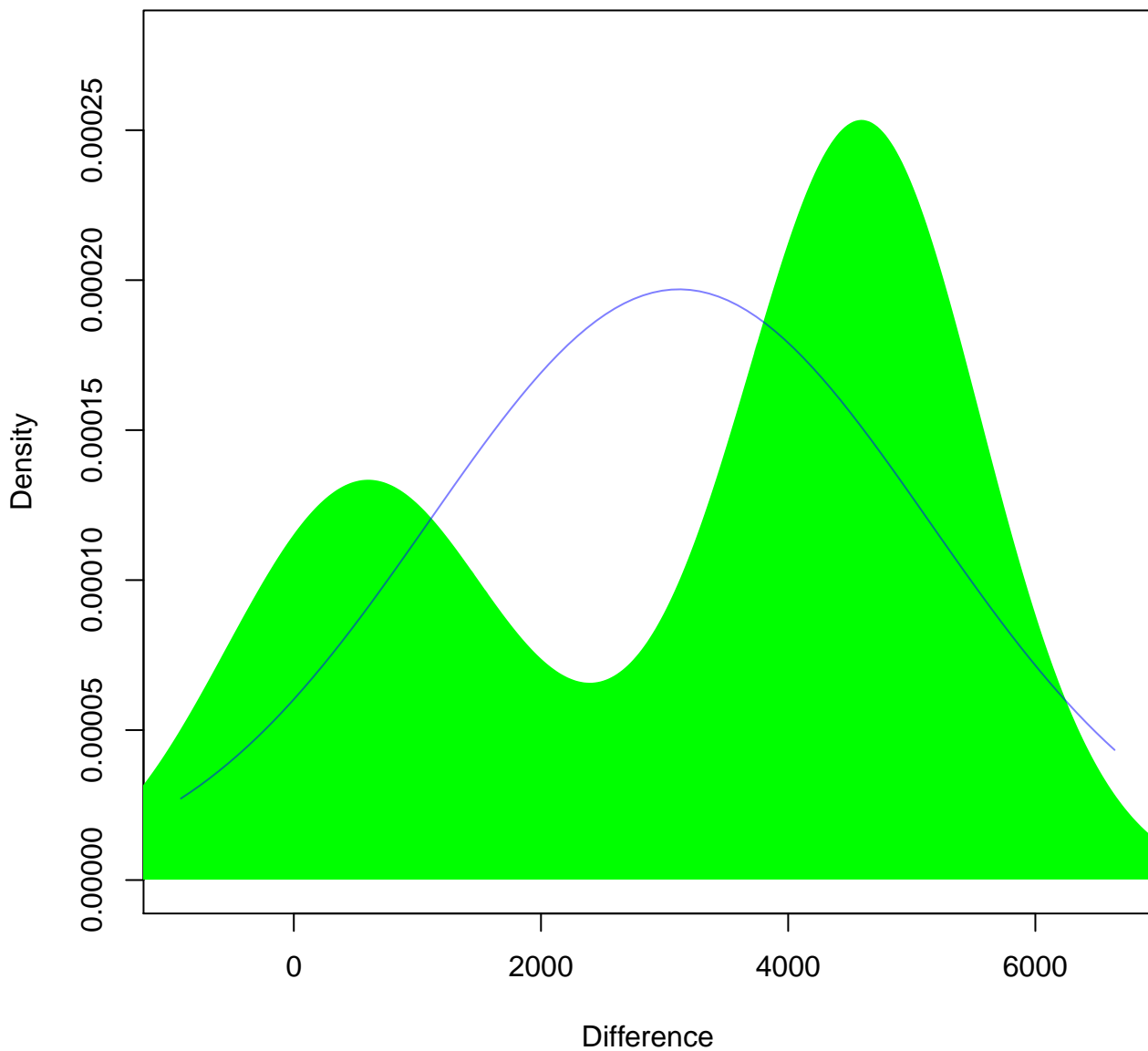
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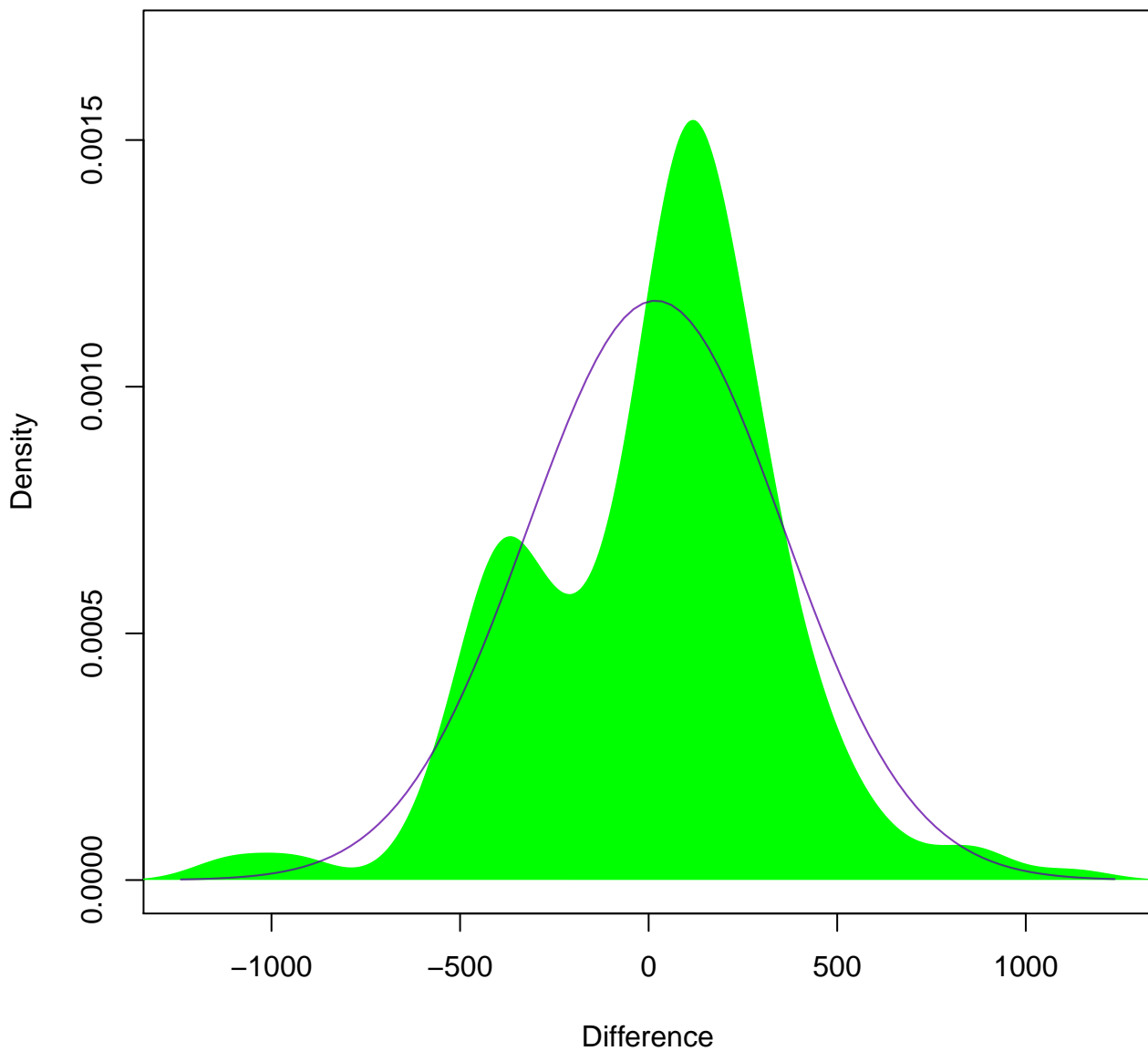
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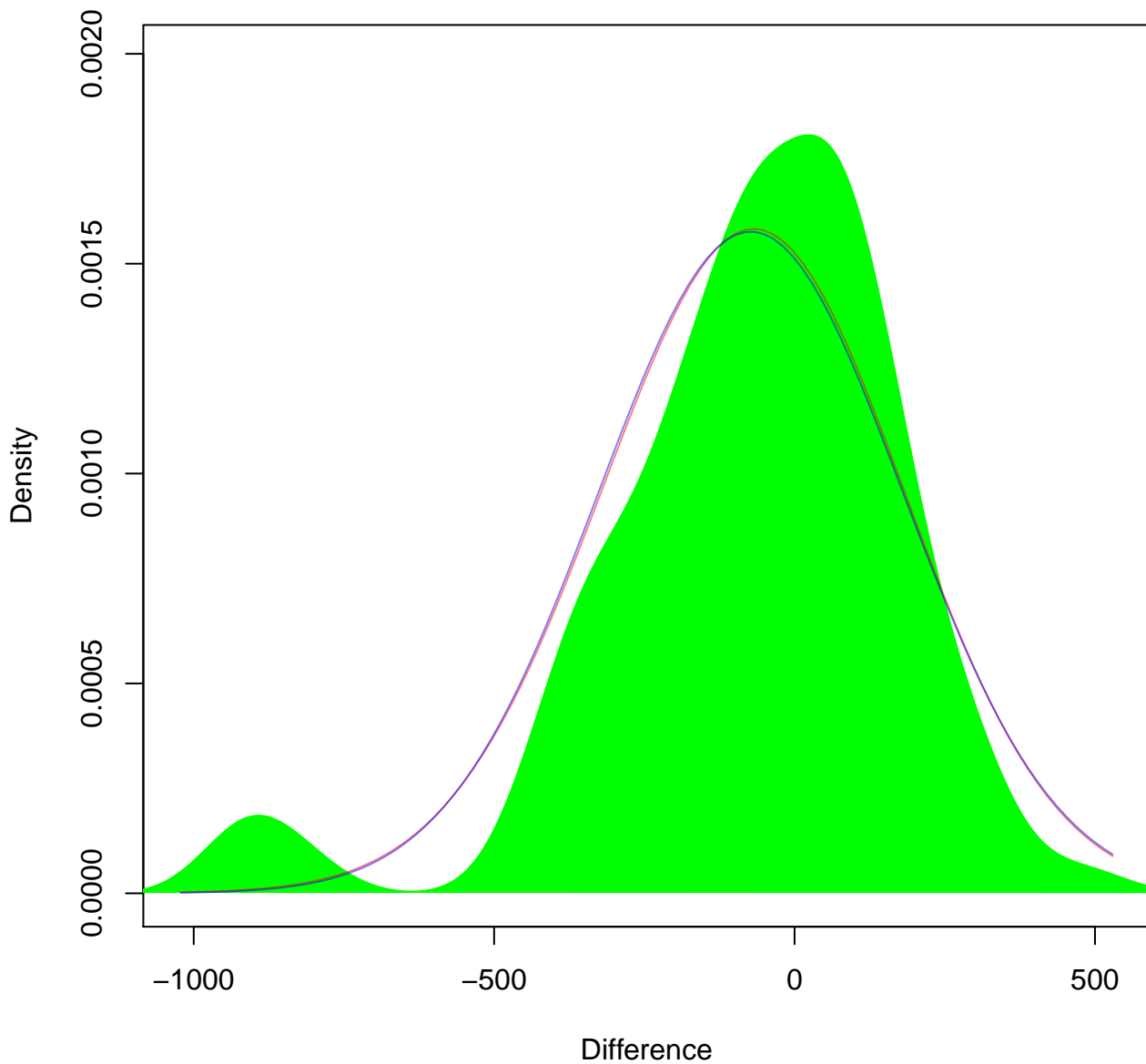
820



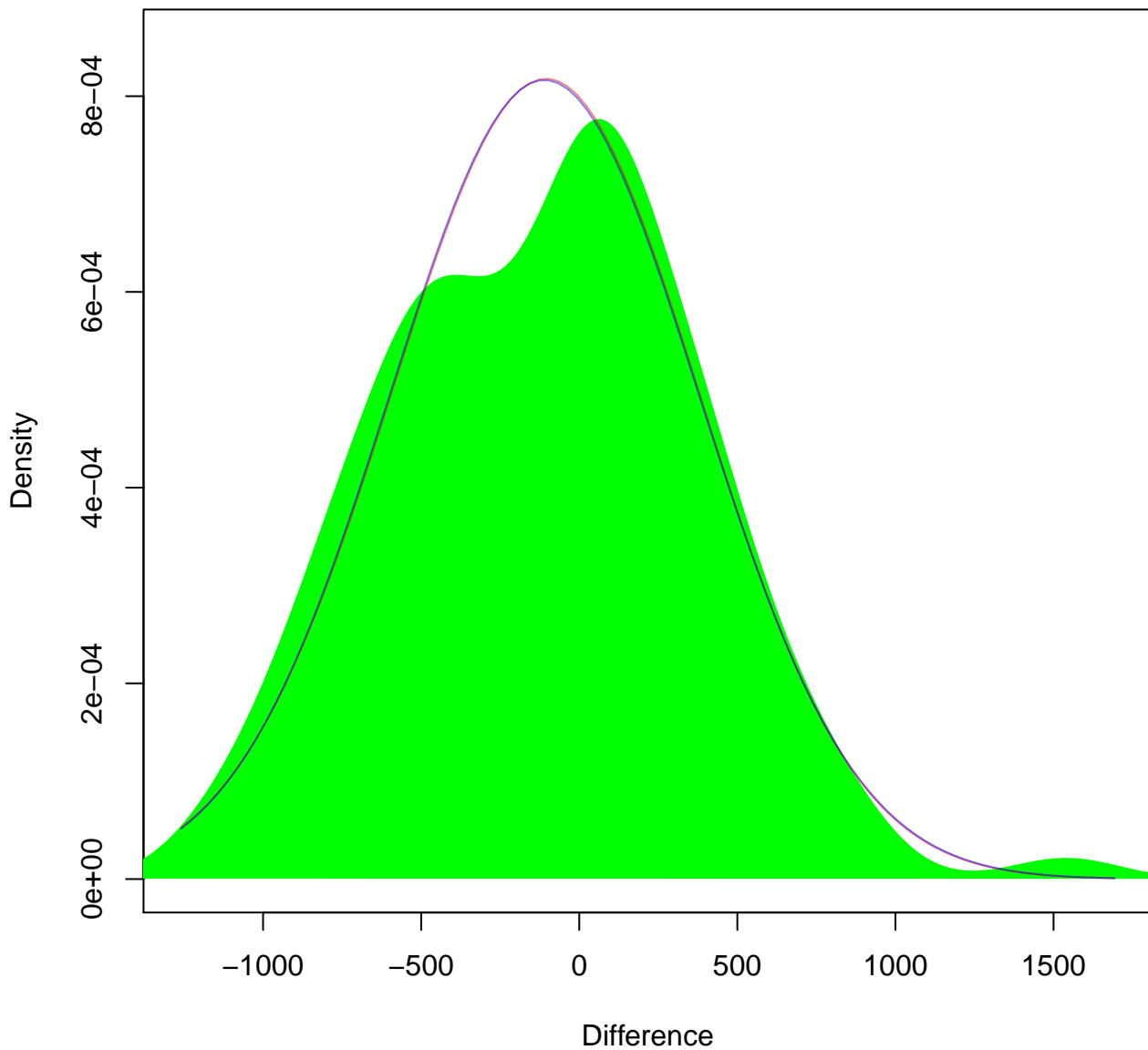
821



822



824



Overall

