[1] "Mixed − treated"

Exact binomial test

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

number of successes = 187, number of trials = 415, p−value = 0.9804

alternative hypothesis: true probability of success is greater than 0.5

95 percent confidence interval:

0.4095823 1.0000000

sample estimates:

probability of success

0.4506024

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

AIC	BIC	logLik	deviance	df.resid
494.3	502.3	−245.1	490.3	413

Scaled residuals:

Min	1Q	Median	3Q	Max
−1.9719	−0.8059	−0.4718	0.9473	2.1195

Random effects:

Groups	Name	Variance	Std.Dev.
Patient	(Intercept)	1.213	1.101

Number of obs: 415, groups: Patient, 5

Fixed effects:

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	−0.3812	0.5066	−0.752	0.452

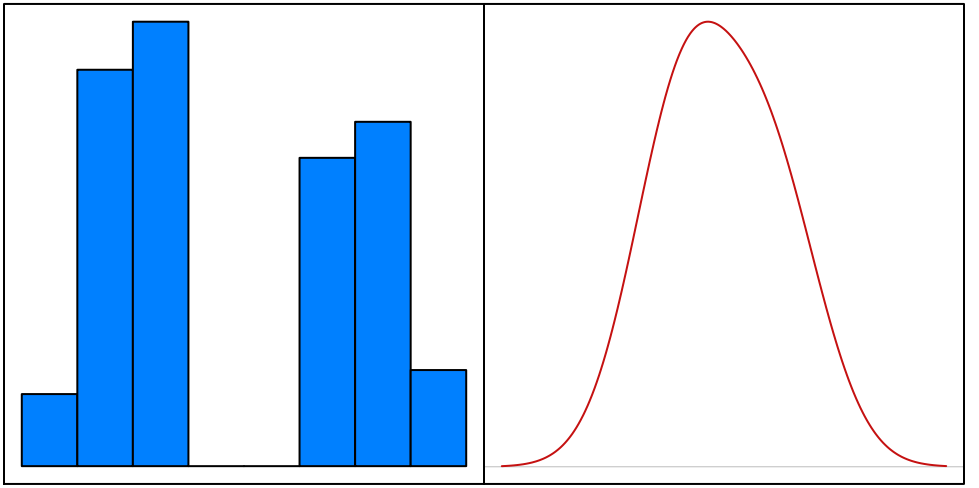
[1] "AIC: 494.275102208077, null AIC: 573.254942284639"

[2] "p−value: 0"

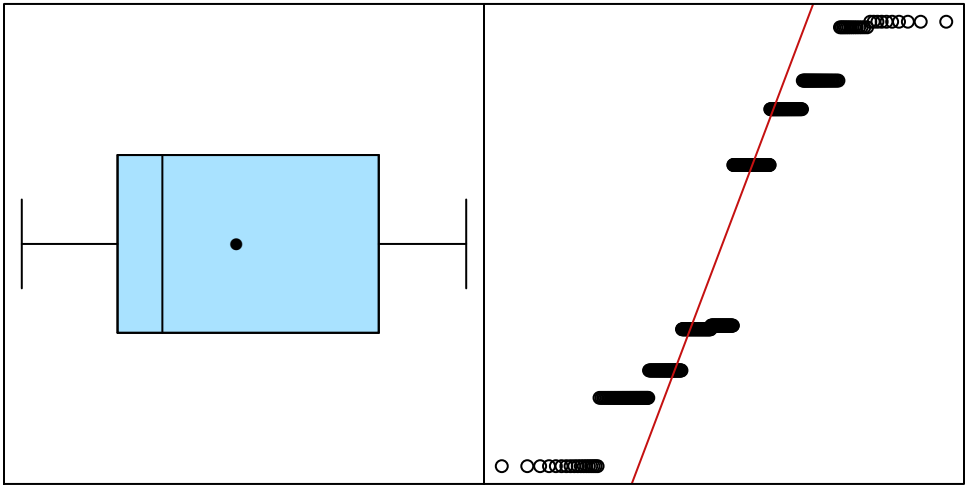
[3] "mean: 0.405846524867213"

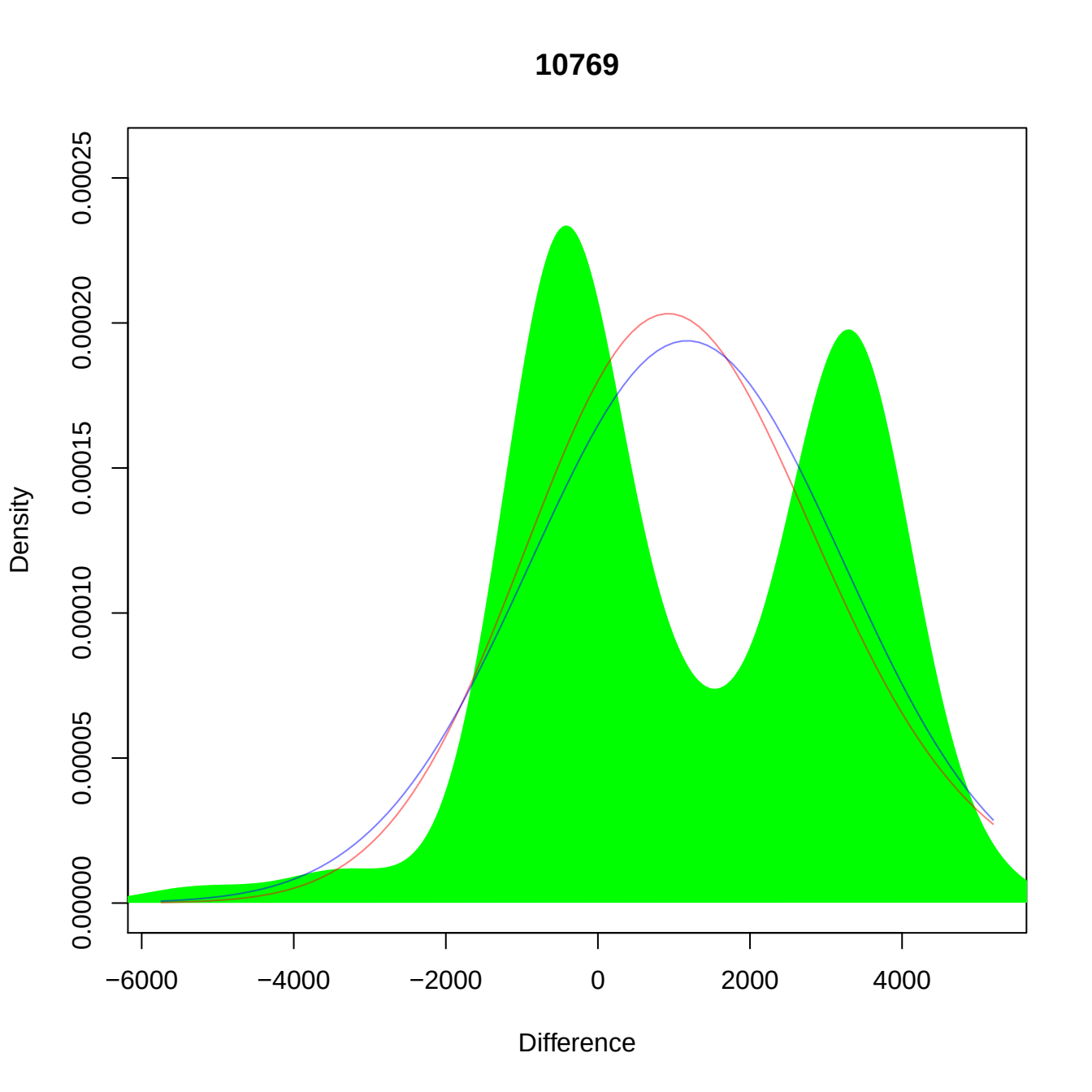
EXPLORATORY DATA ANALYSIS

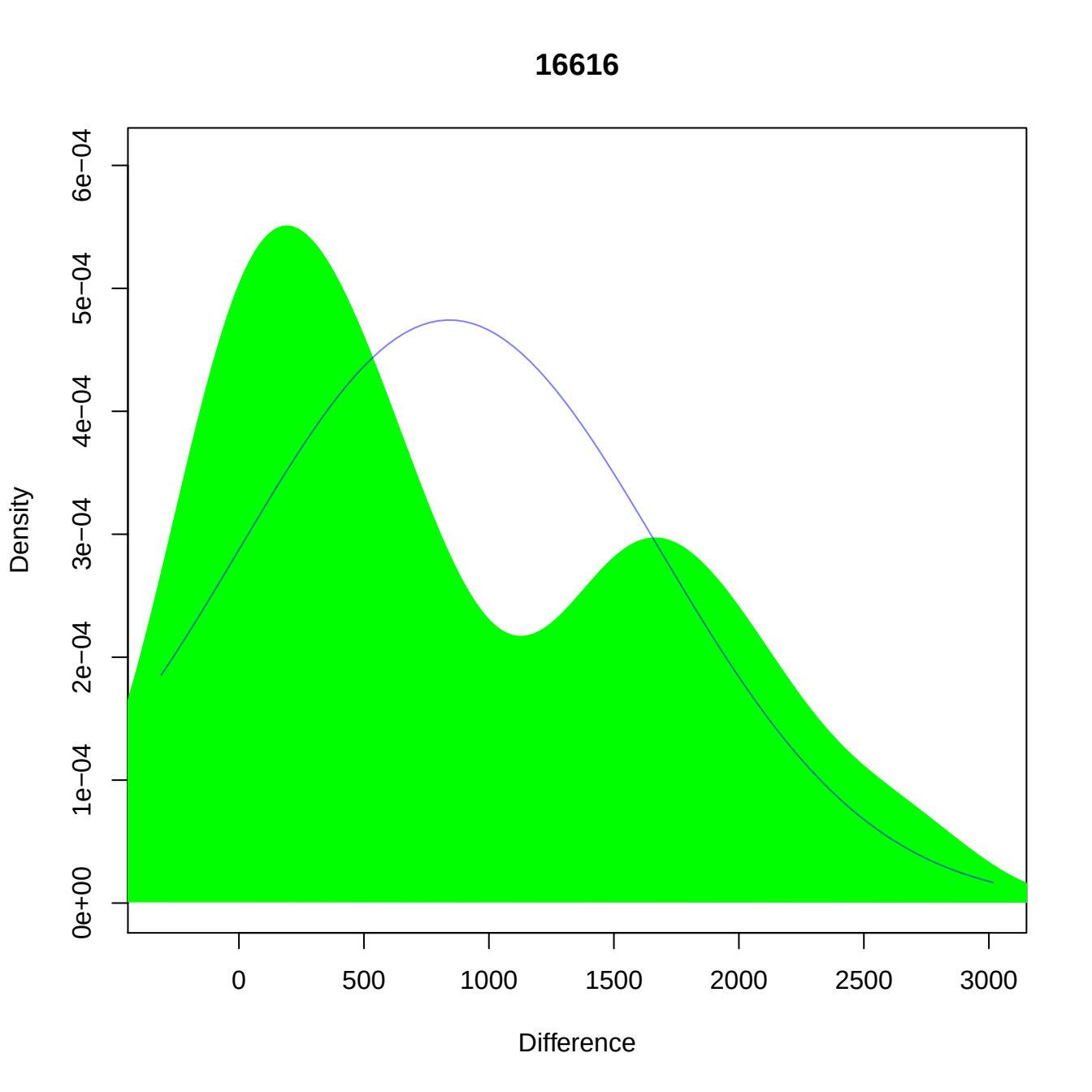
Histogram of resid(bin.glme.test Density of resid(bin.glme.test)

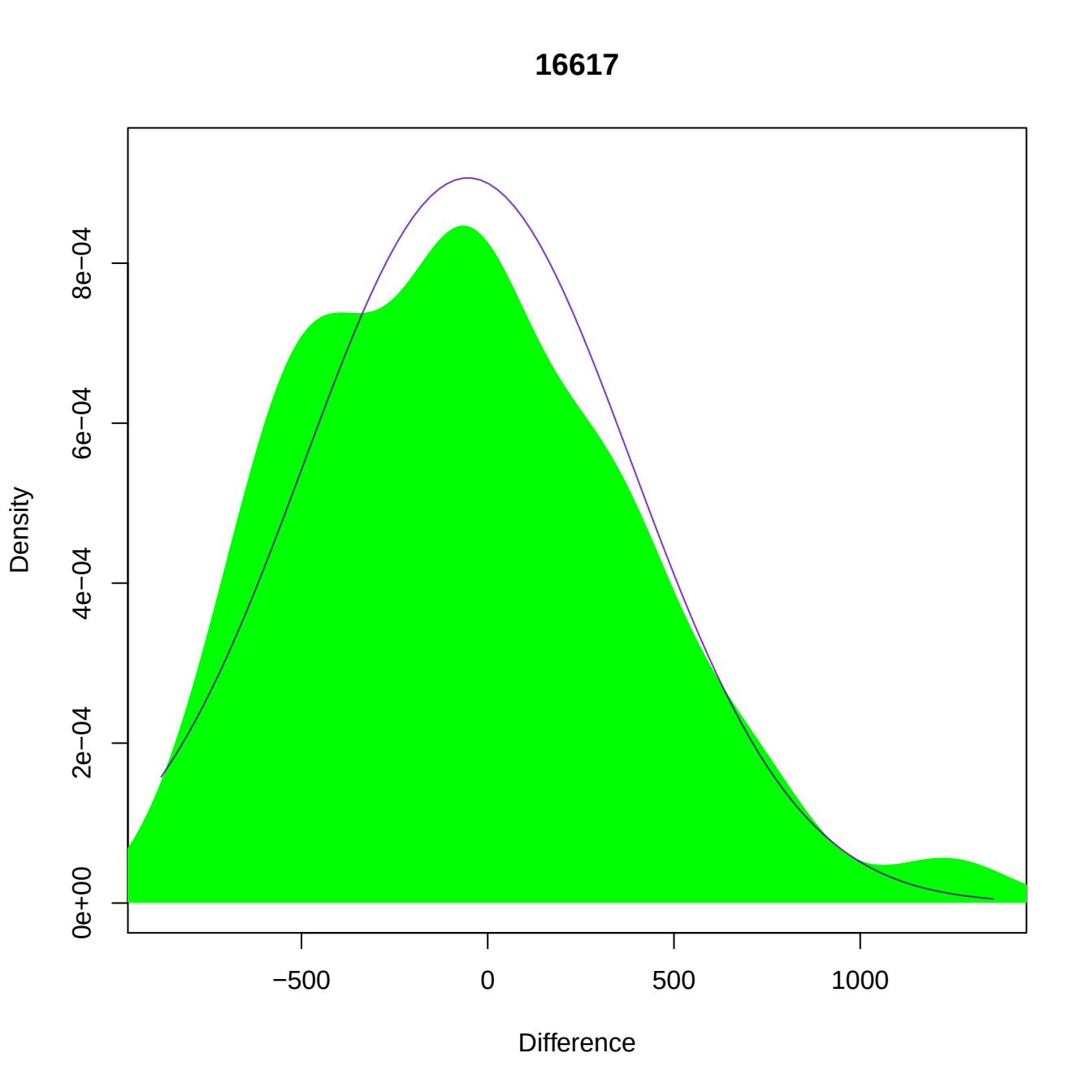


Boxplot of resid(bin.glme.test) Q−Q Plot of resid(bin.glme.test)




10769
Density
0.00000
0.00005
0.00010
0.00015
0.00020
0.00025
−6000
−4000
−2000
0
2000
4000
Difference


16616
Density
0e+00
1e−04
2e−04
3e−04
4e−04
5e−04
6e−04
0
500
1000
1500
2000
2500
3000
Difference


16617
Density
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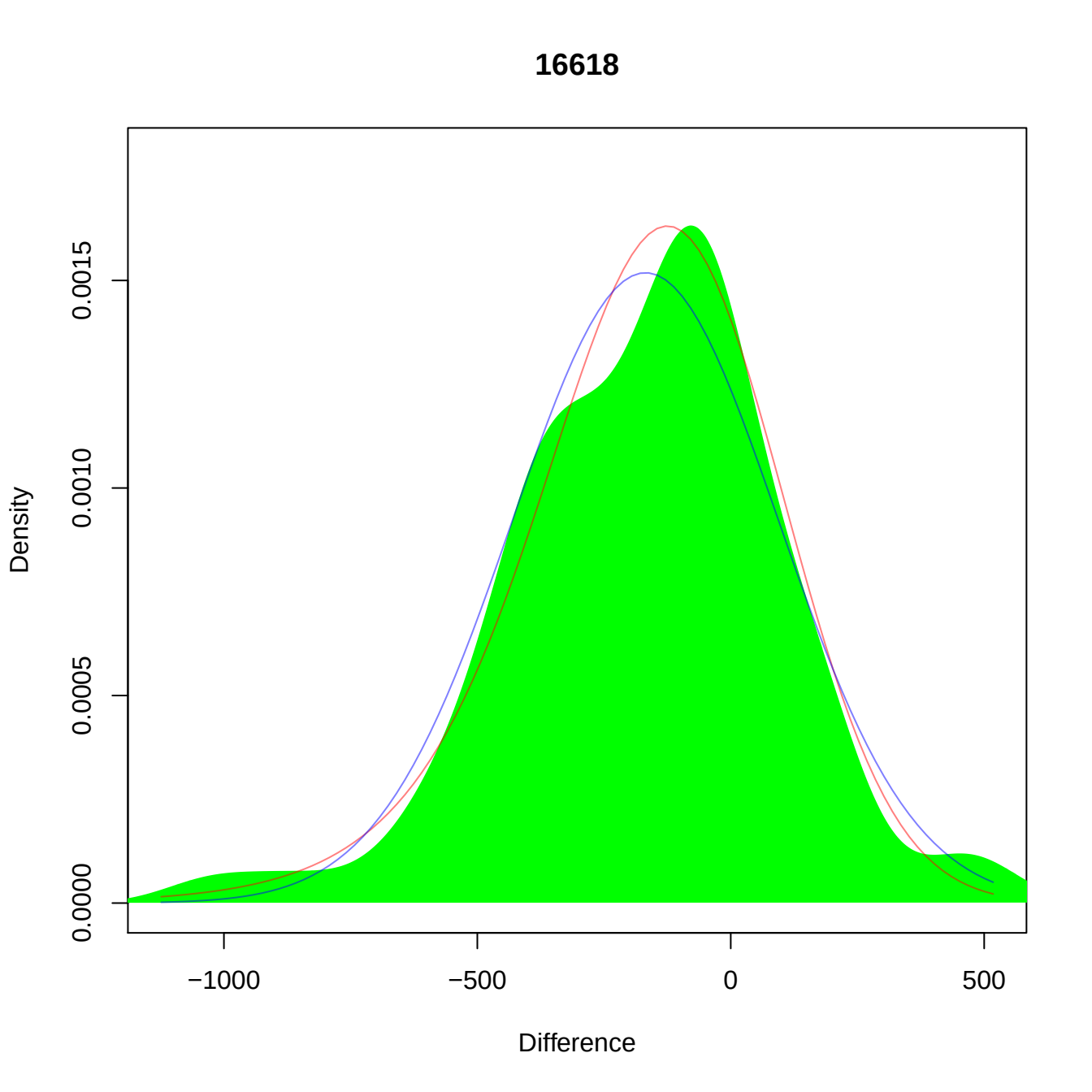
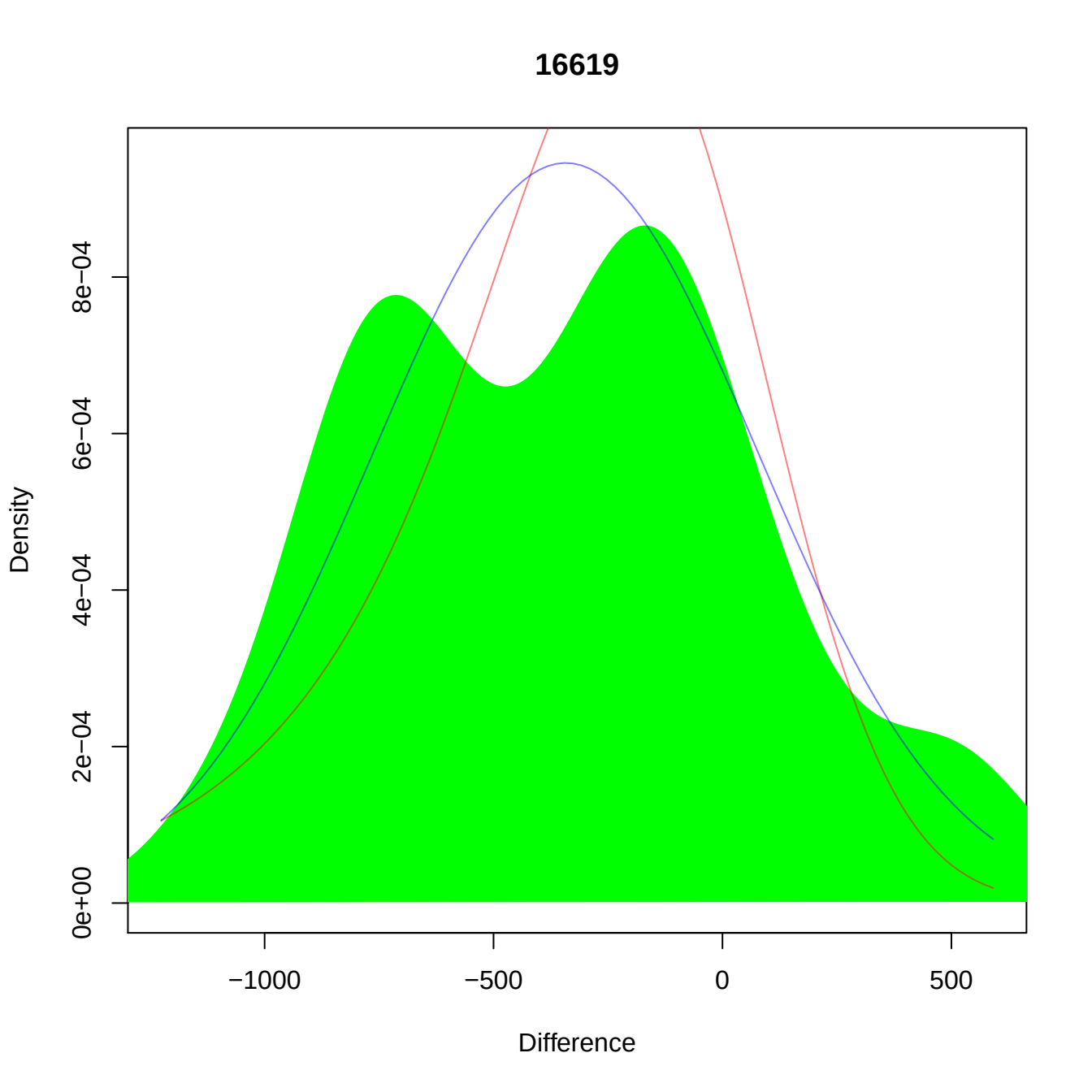
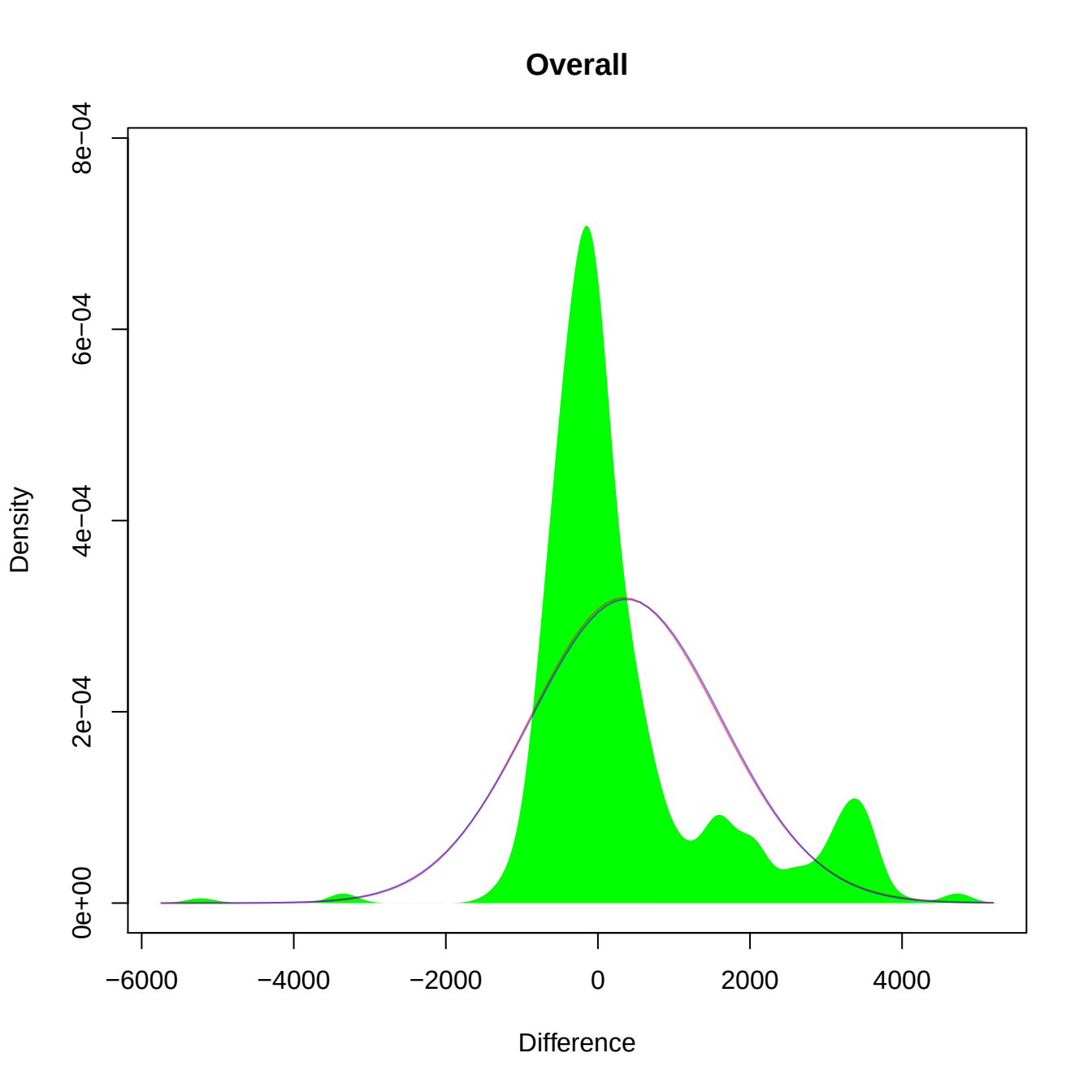
2e−04
4e−04
6e−04
8e−04
−500
0
500
1000
Difference


16618
Density
0.0000
0.0005
0.0010
0.0015
−1000
−500
0
500
Difference


16619
Density
0e+00
2e−04
4e−04
6e−04
8e−04
−1000
−500
0
500
Difference


Overall
Density
0e+00
2e−04
4e−04
6e−04
8e−04
−6000
−4000
−2000
0
2000
4000
Difference