

Exact binomial test

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

number of successes = 1780, number of trials = 2500, p-value < 2.2e-16

alternative hypothesis: true probability of success is greater than 0.5

95 percent confidence interval:

0.696724 1.000000

sample estimates:

probability of success

0.712

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
2991.1	3002.7	-1493.5	2987.1	2498

Scaled residuals:

Min	1Q	Median	3Q	Max
-2.1427	-1.3486	0.5805	0.6421	0.7767

Random effects:

Groups	Name	Variance	Std.Dev.
	Patient (Intercept)	0.1006	0.3172

Number of obs: 2500, groups: Patient, 50

Fixed effects:

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	0.92631	0.06368	14.55	<2e-16 ***

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

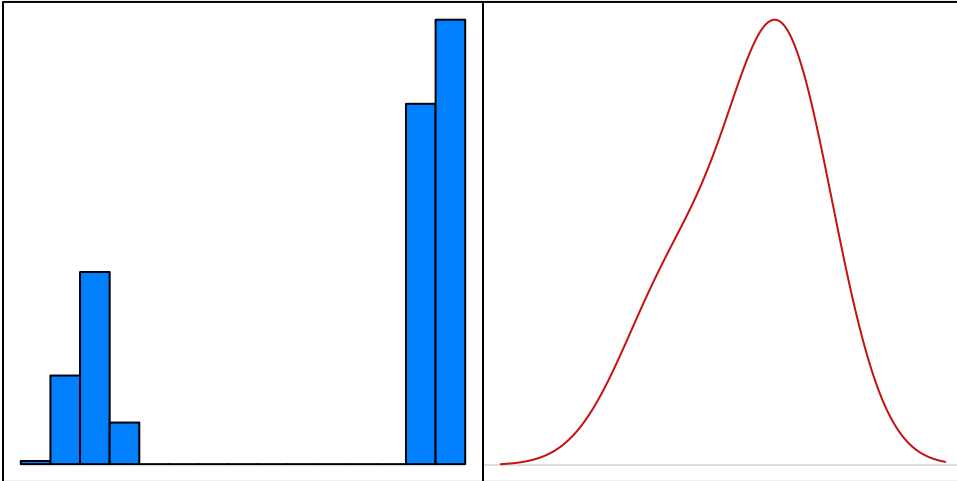
[1] "AIC: 2991.0777385421 null AIC: 3003.75593888829"

[2] "p-value: 0.000649634816910605"

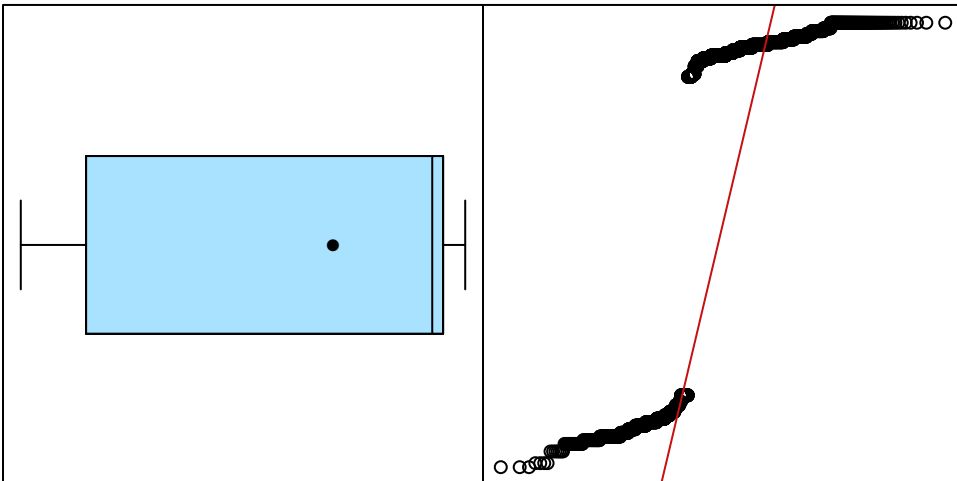
[3] "mean: 0.716326105473746 (0.69029347771536, 0.740991582781174)"

EXPLORATORY DATA ANALYSIS

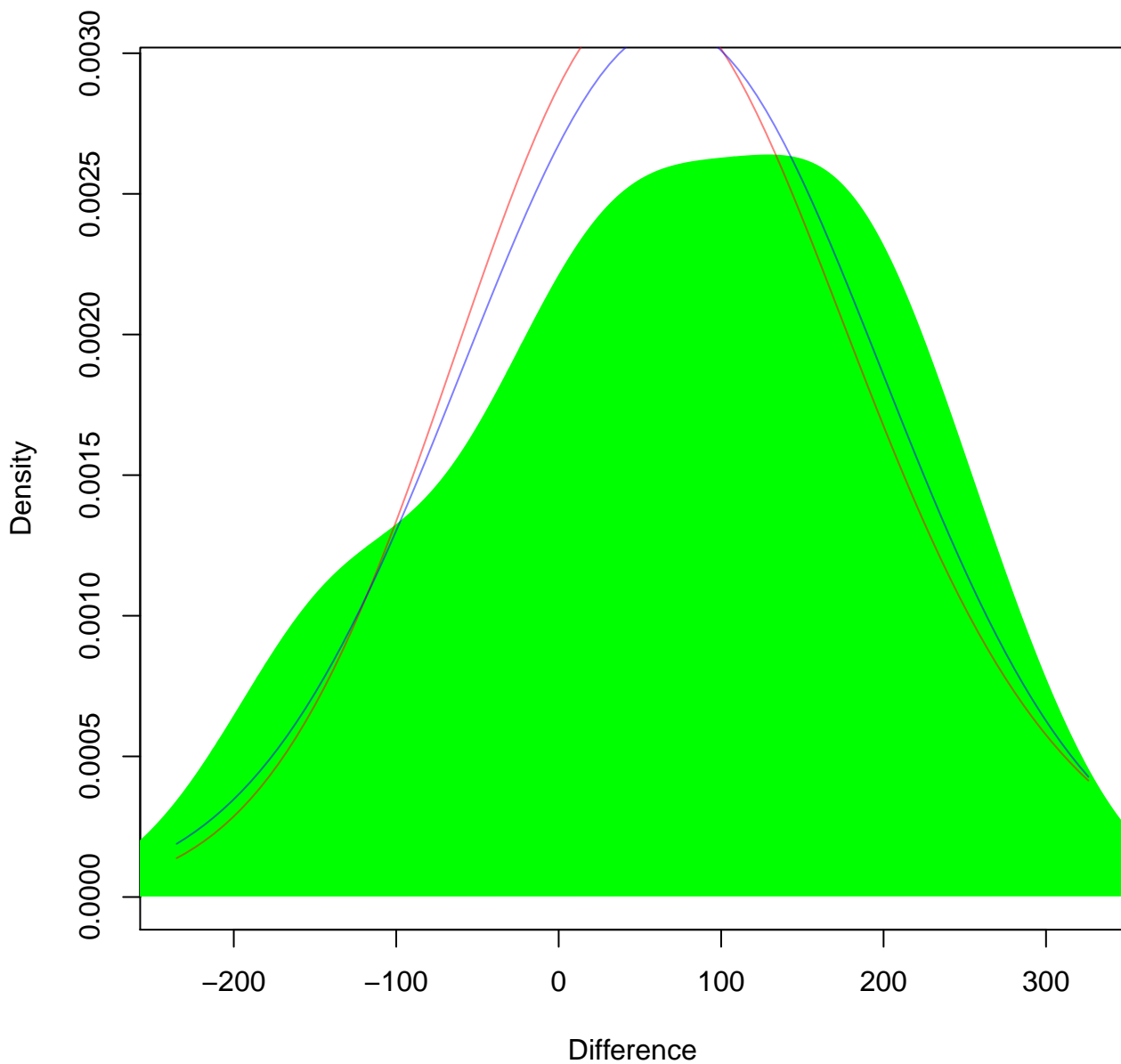
histogram of resid(bin.glme.test) Density of resid(bin.glme.test)



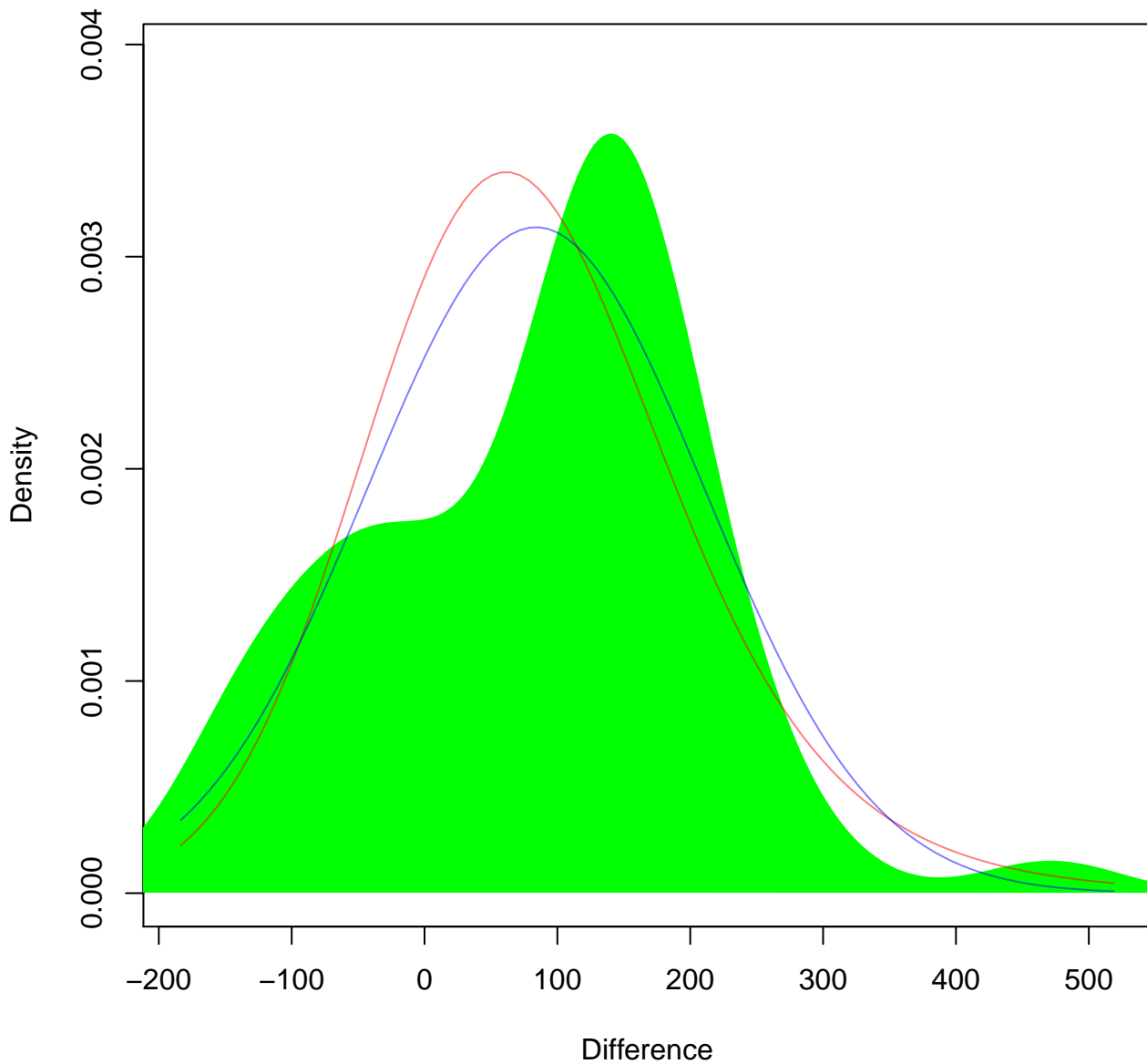
Boxplot of resid(bin.glme.test) Q-Q Plot of resid(bin.glme.test)



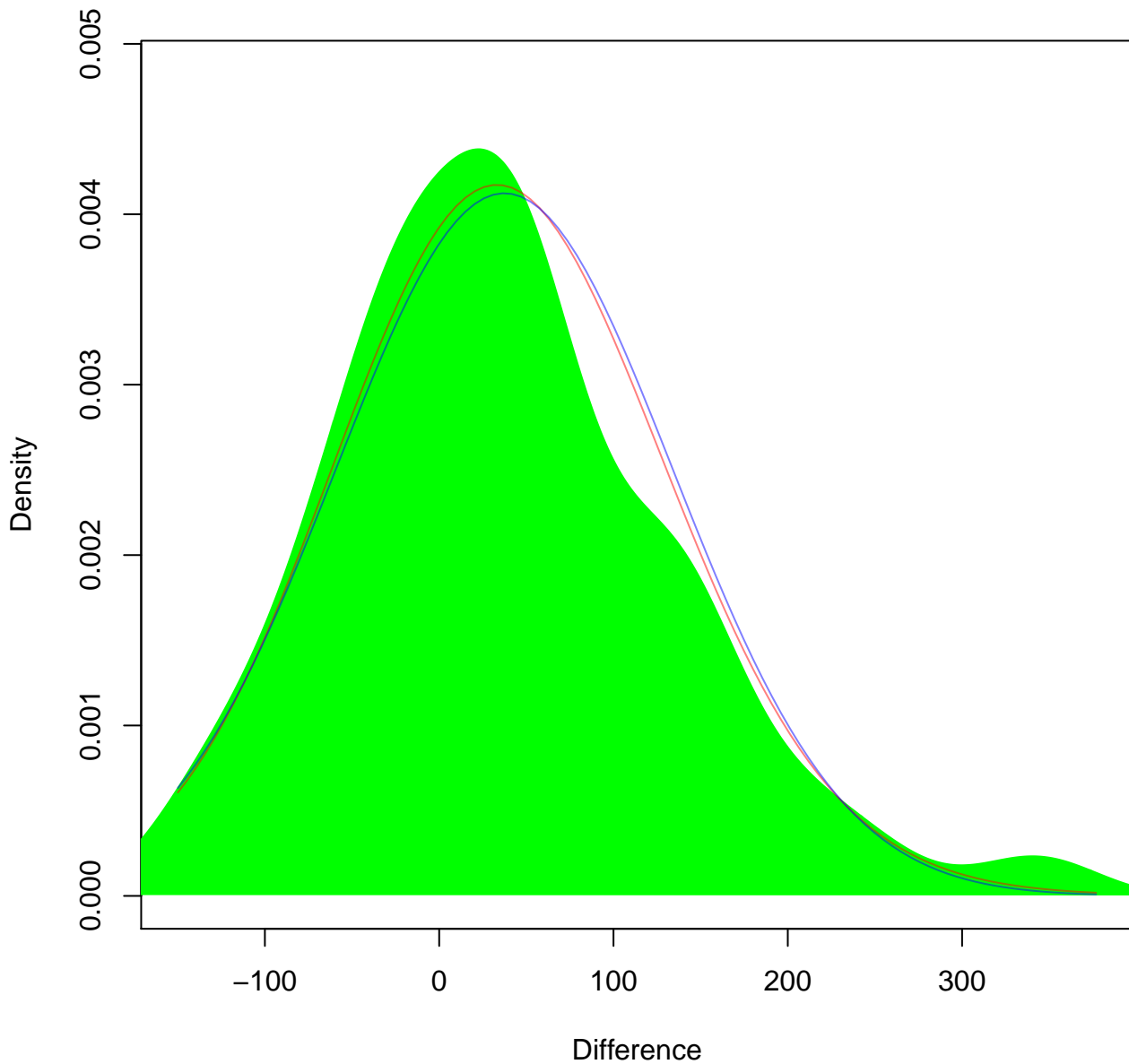
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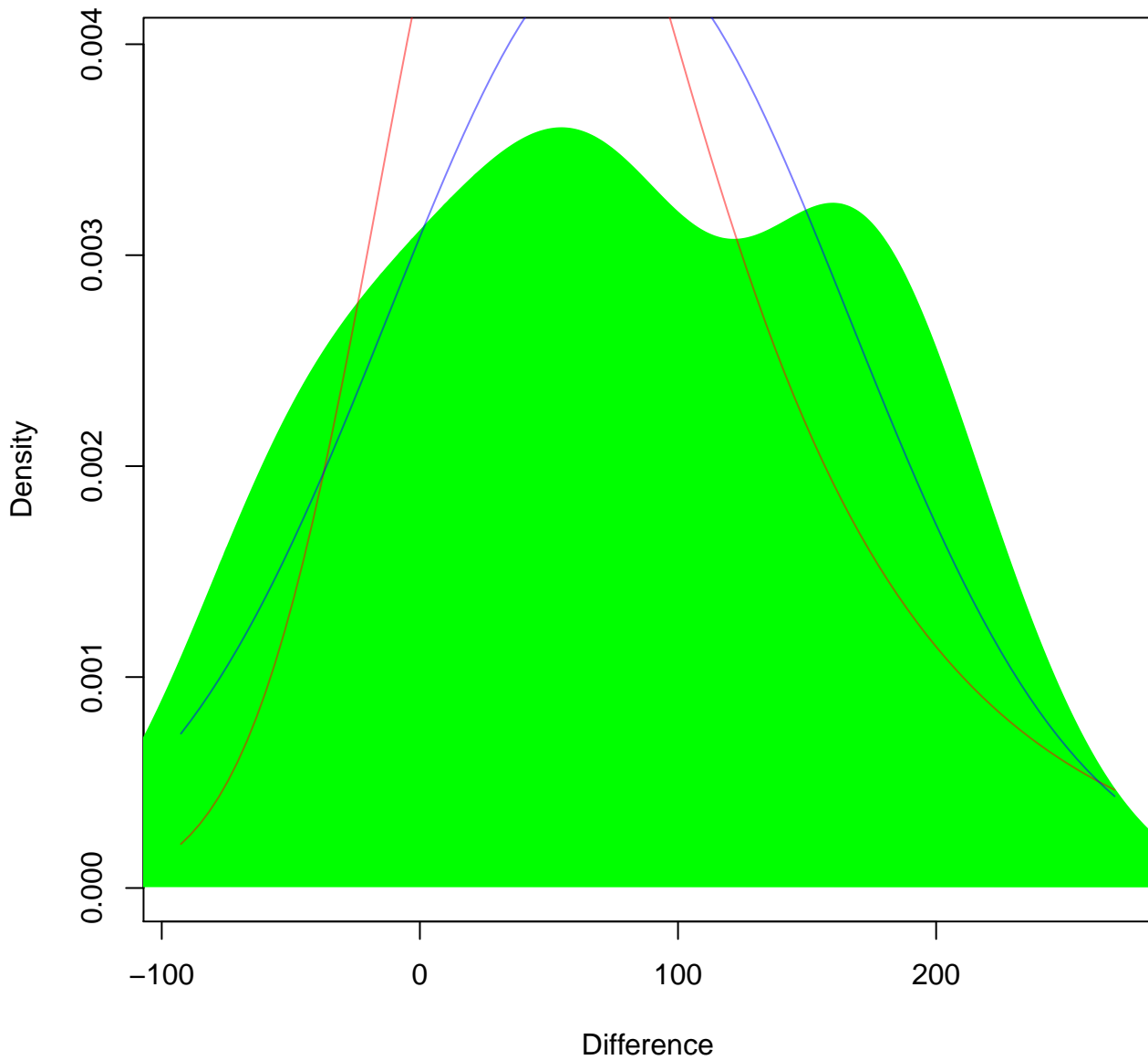
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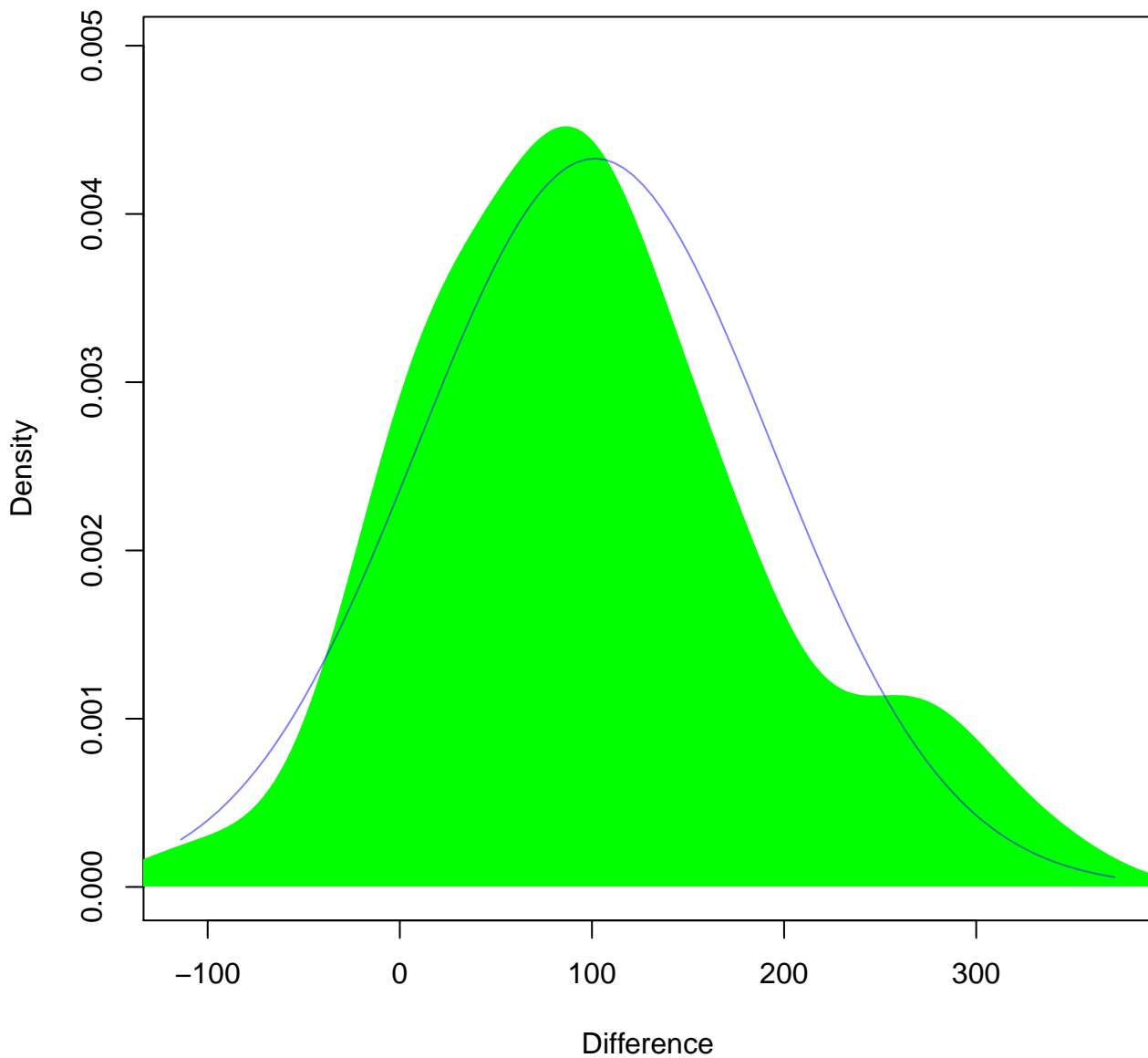
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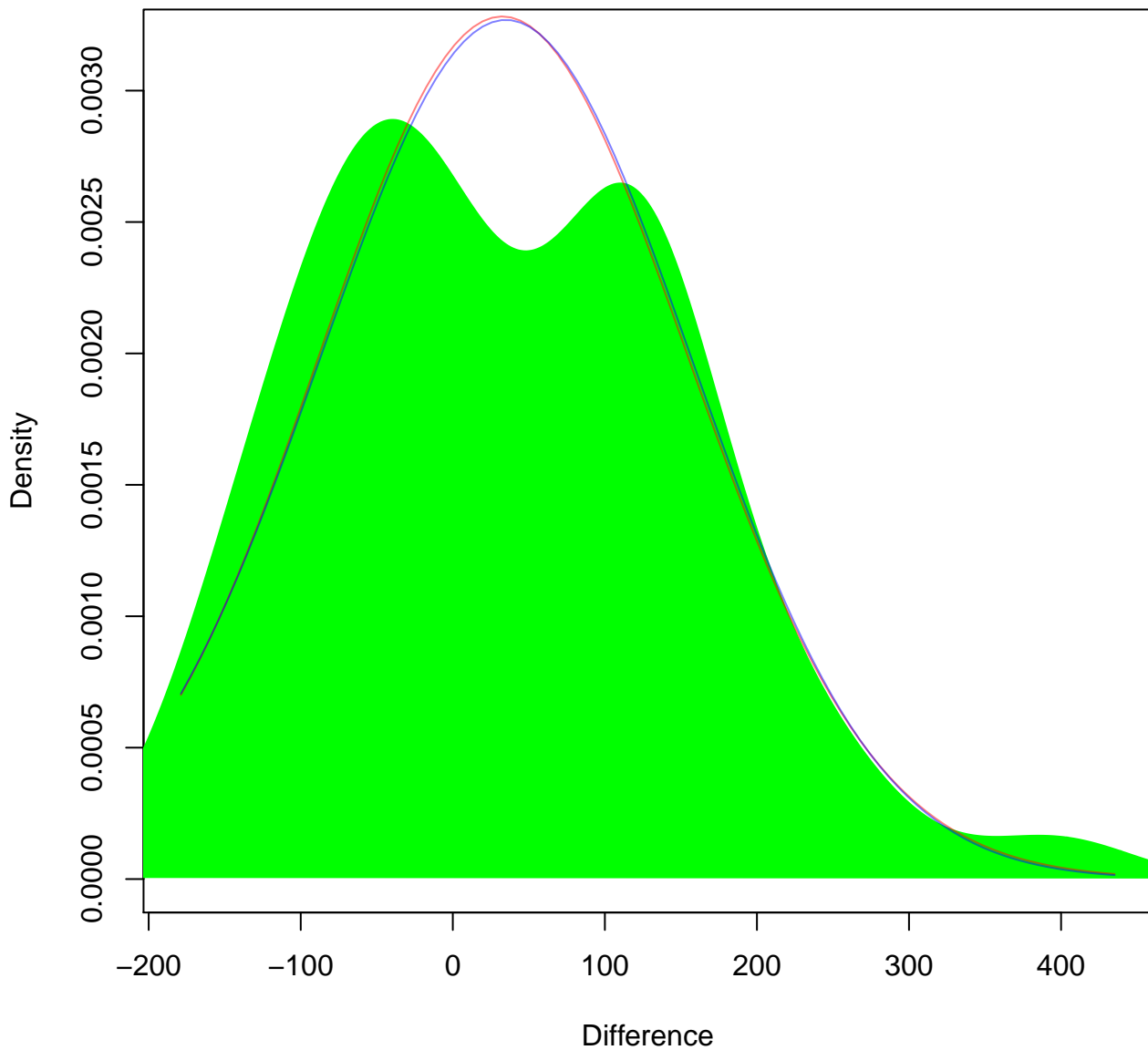
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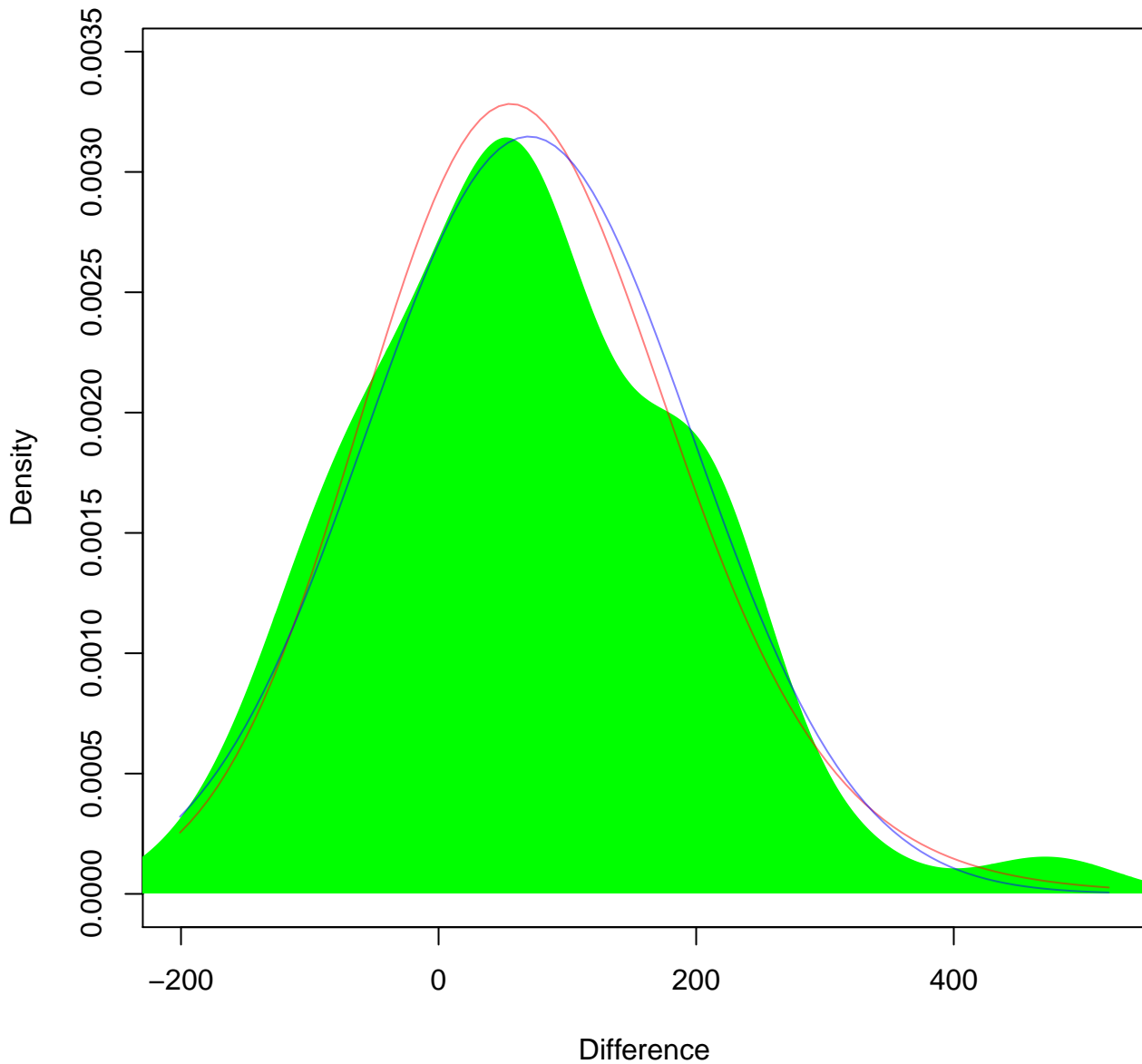
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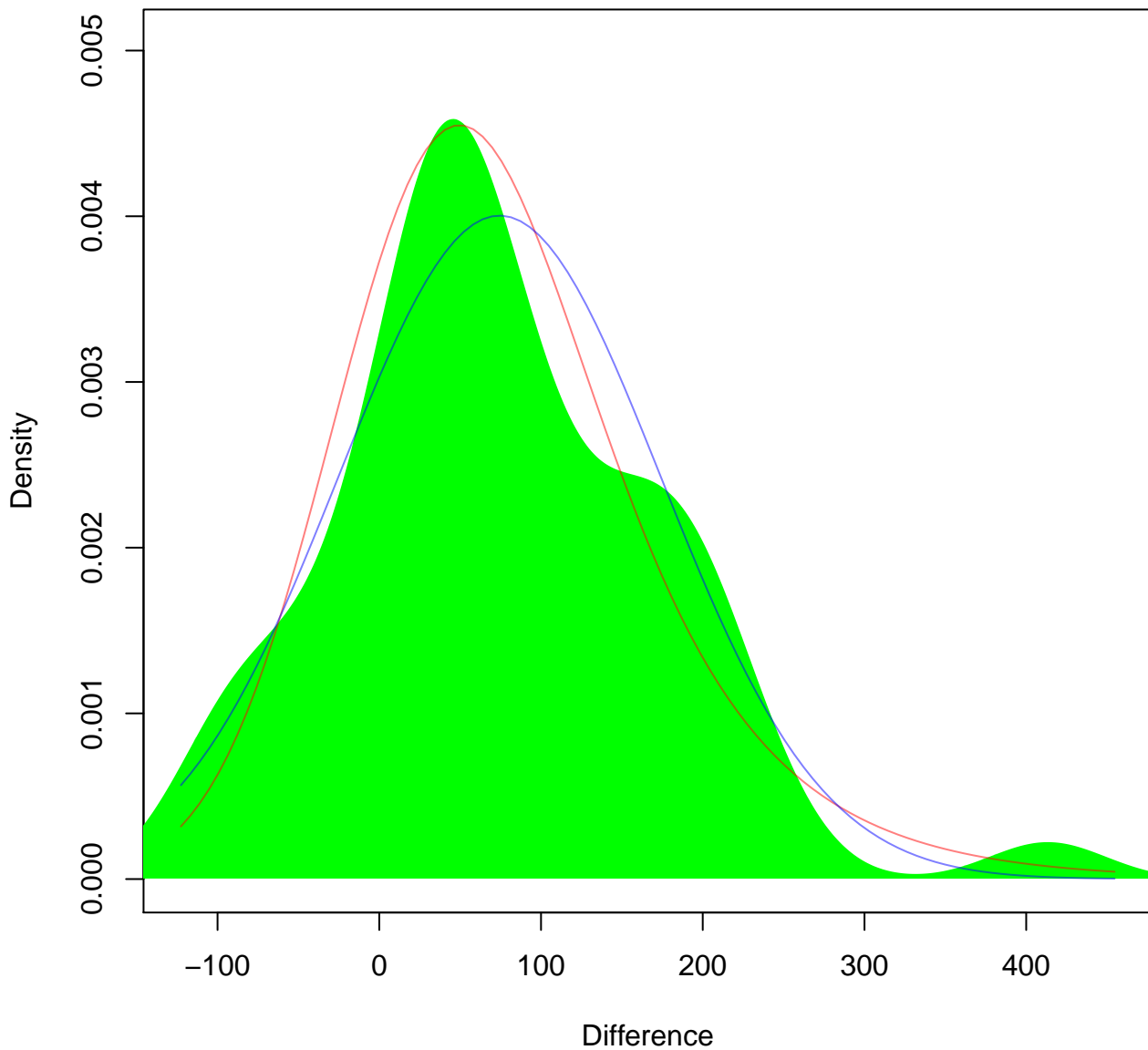
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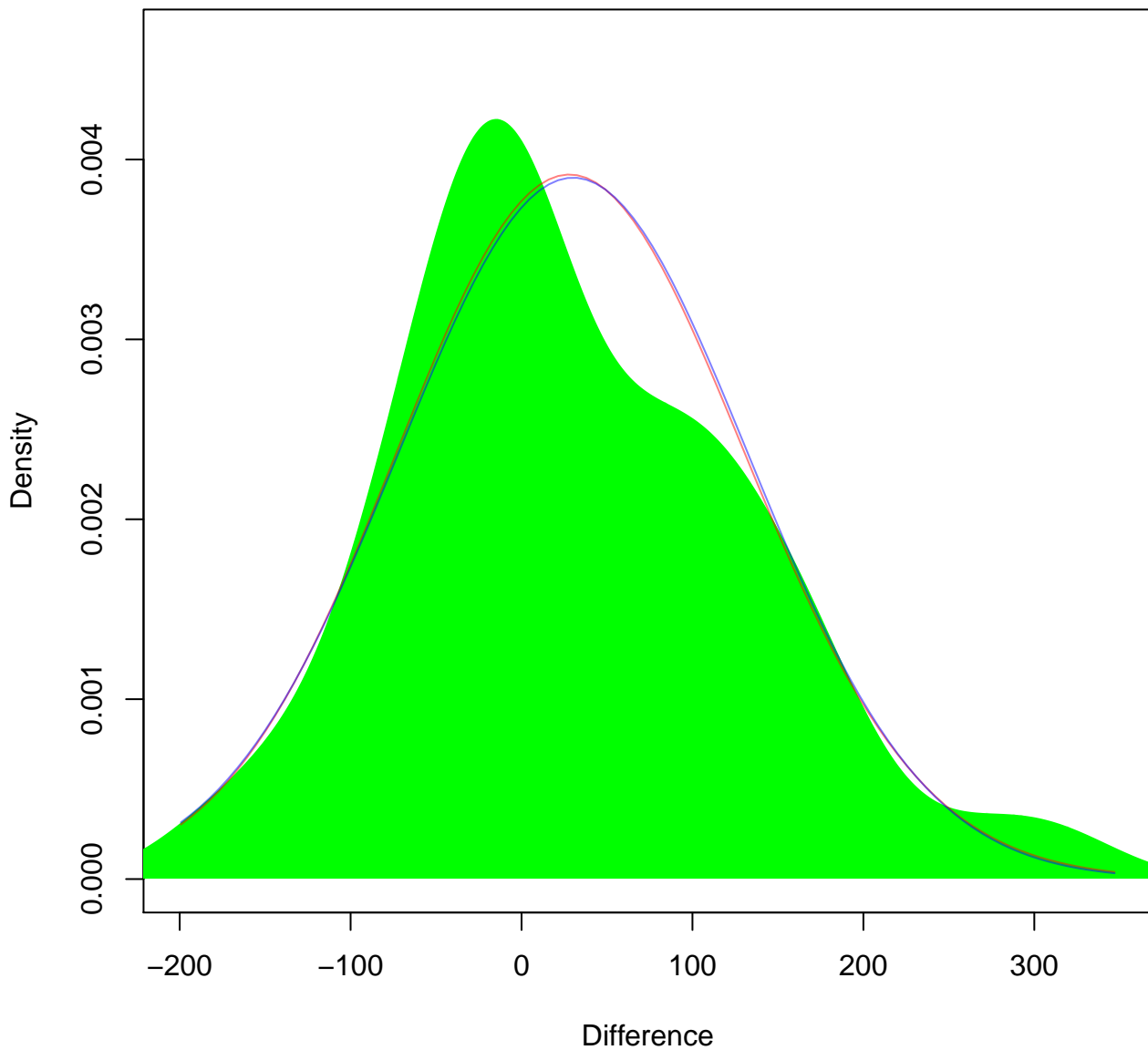
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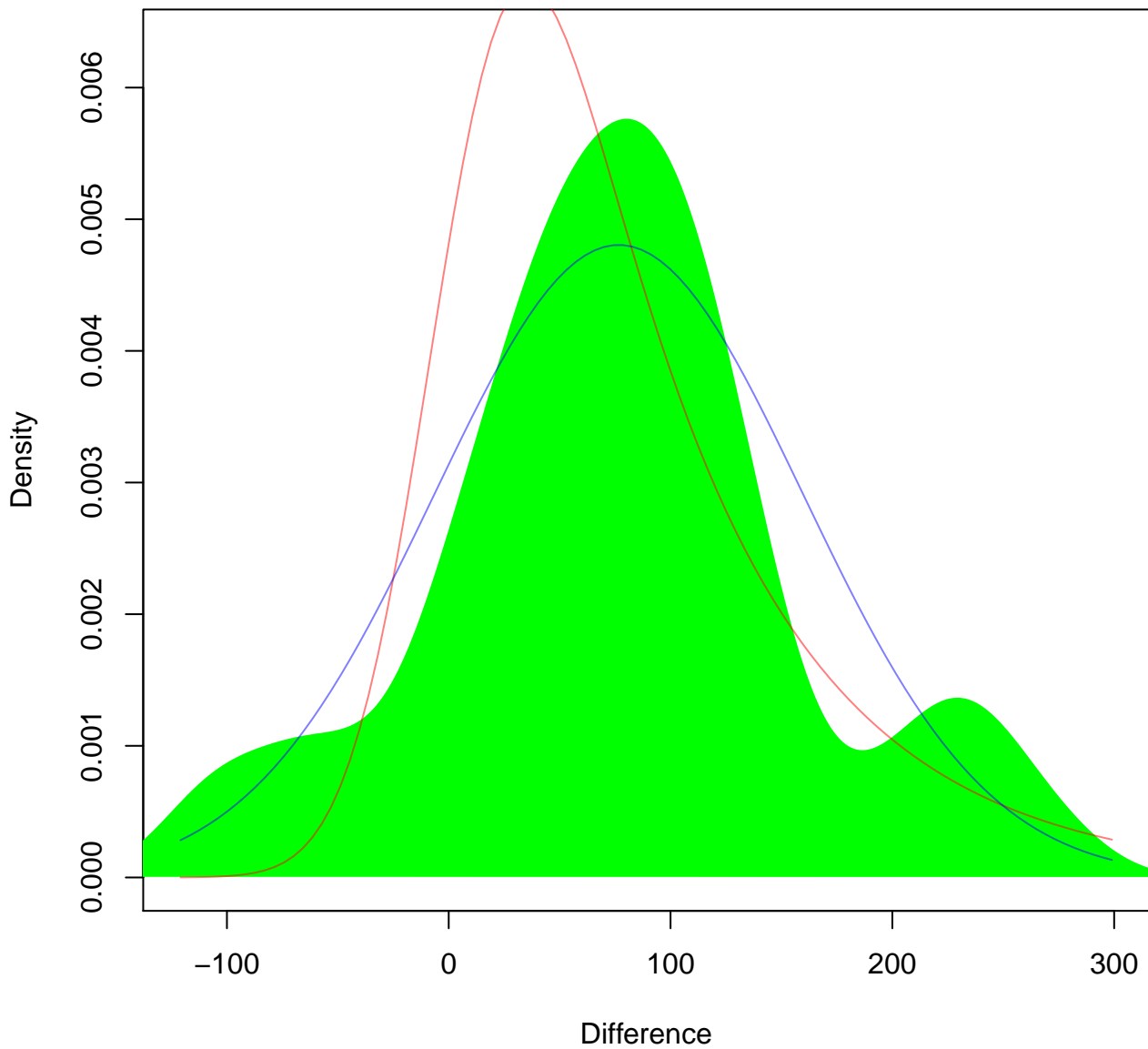
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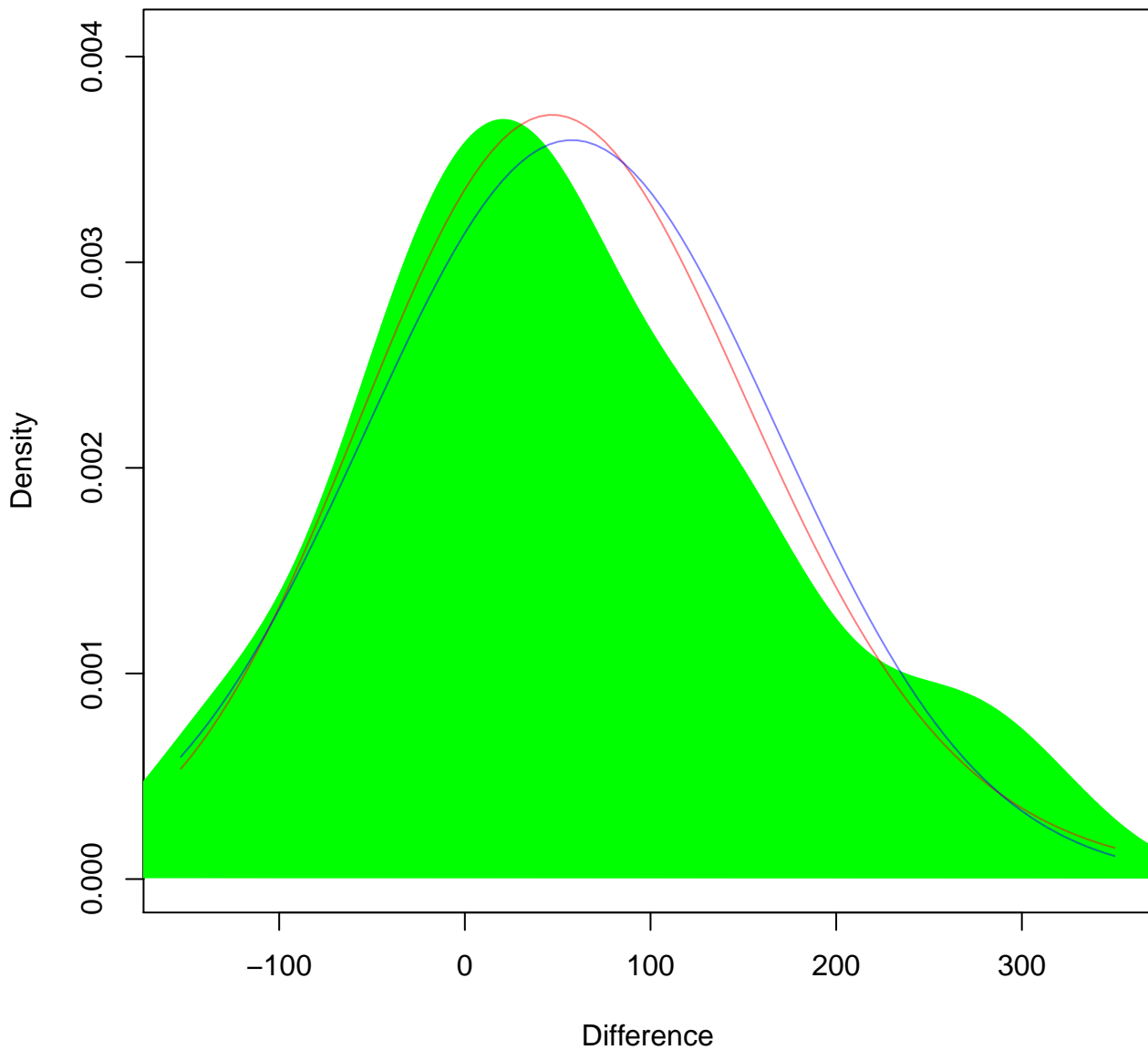
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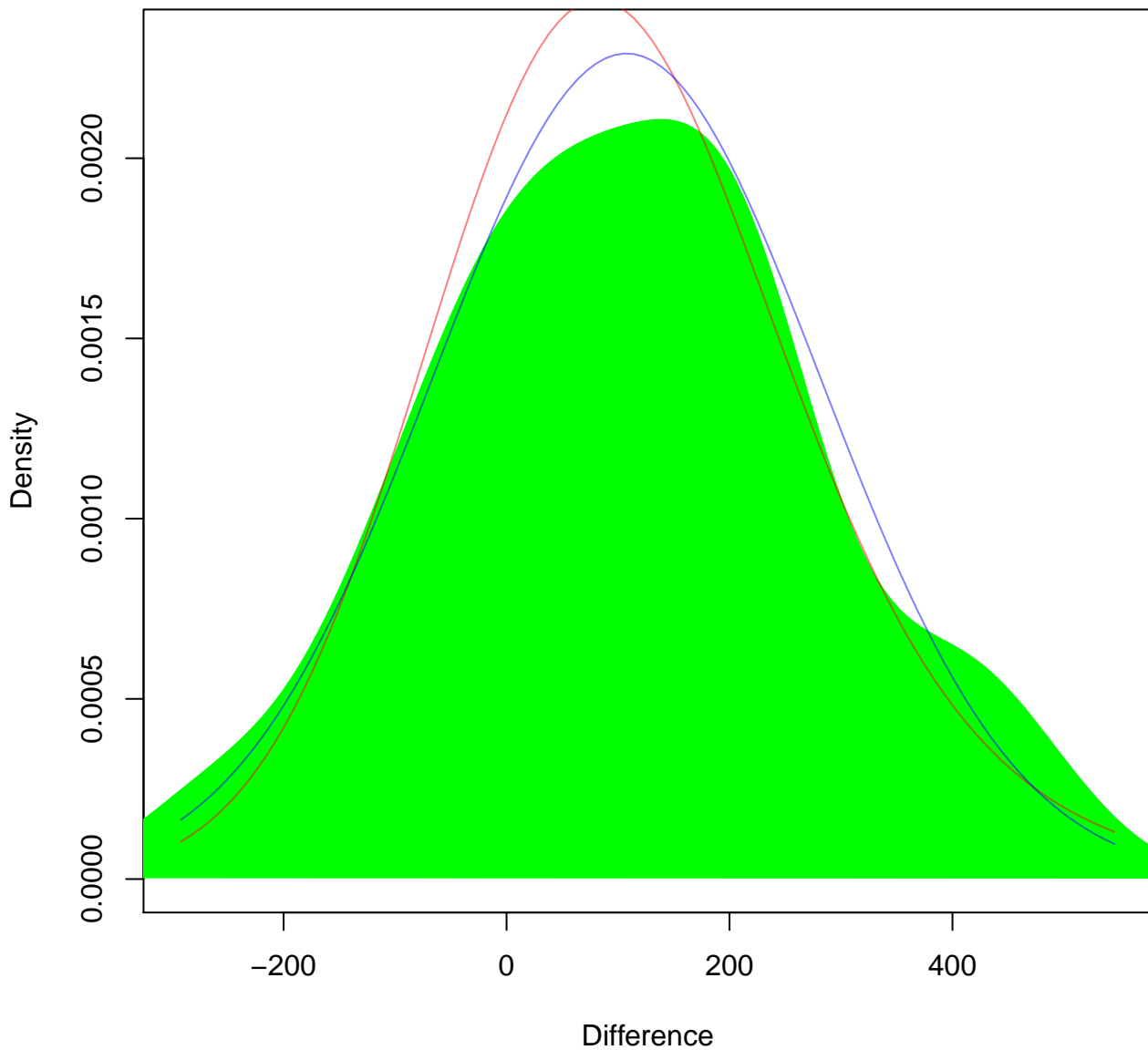
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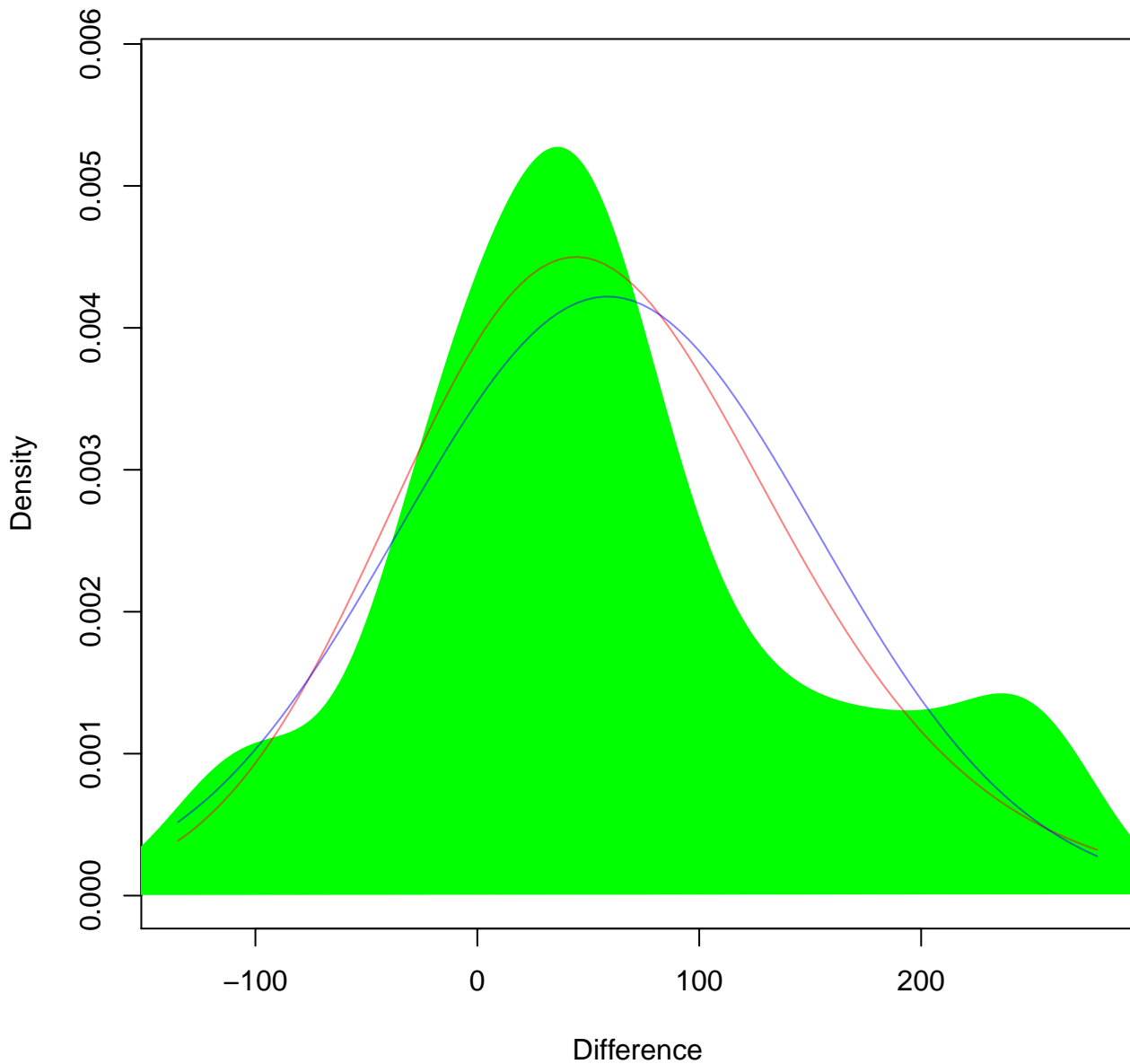
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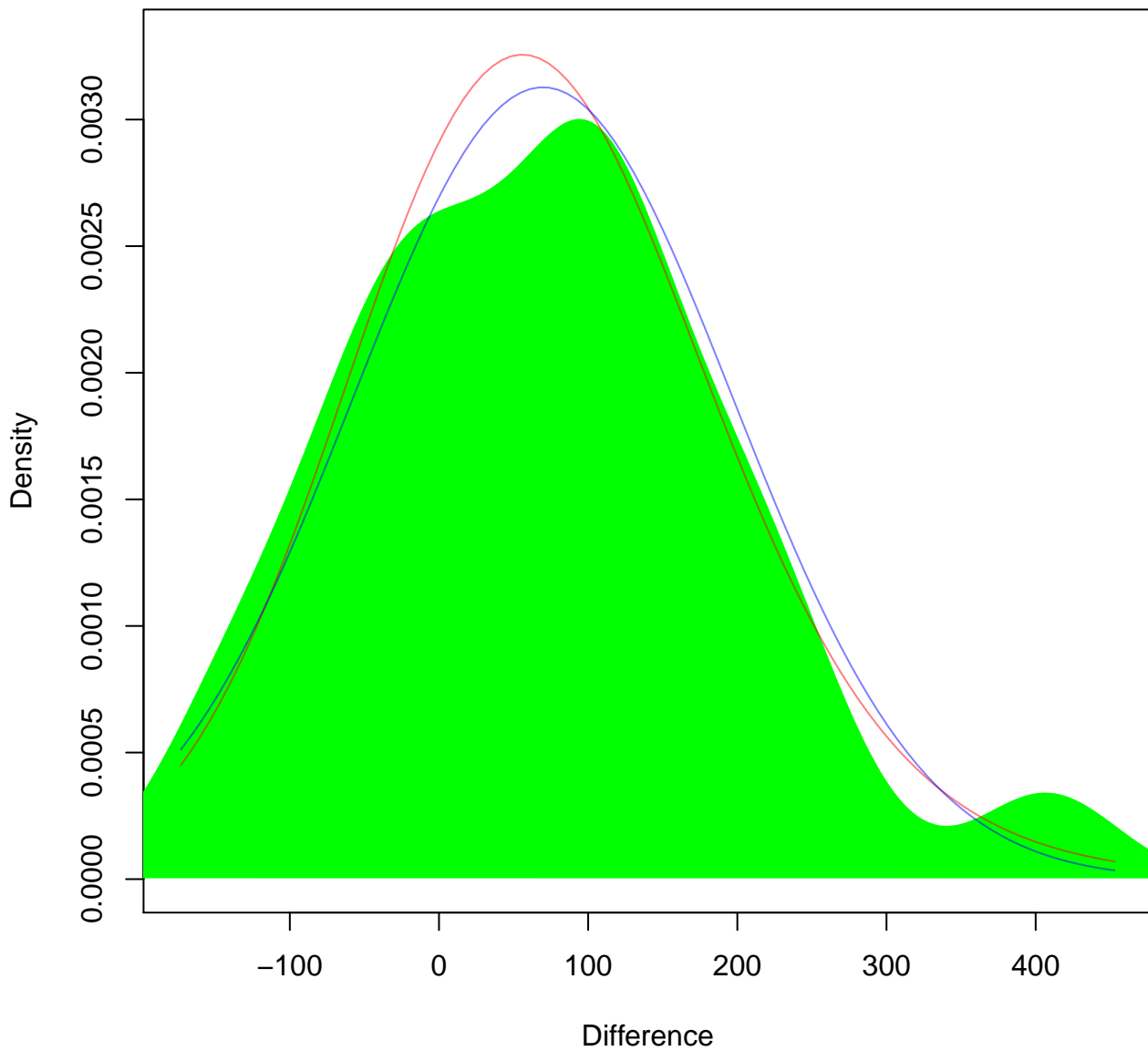
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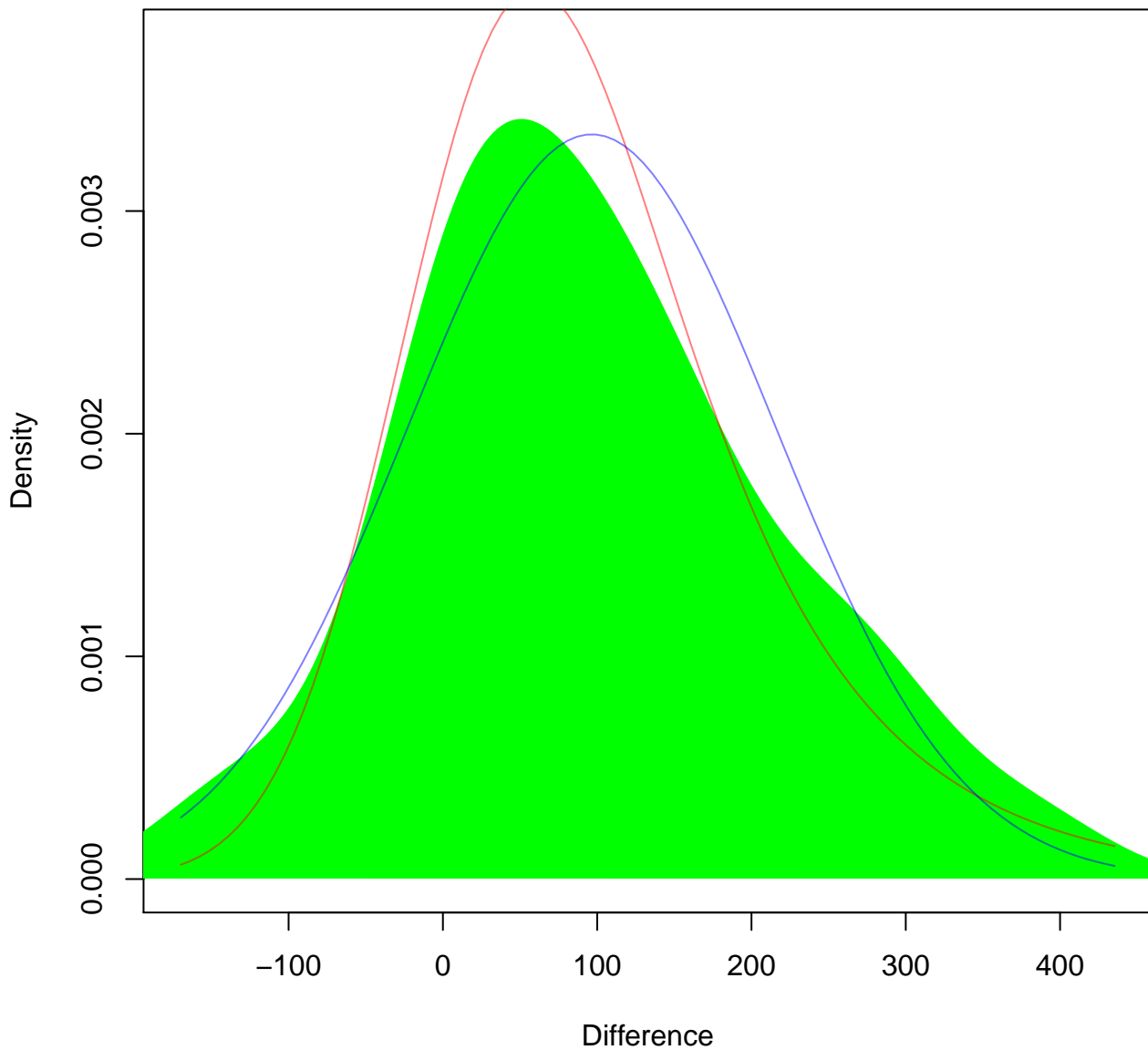
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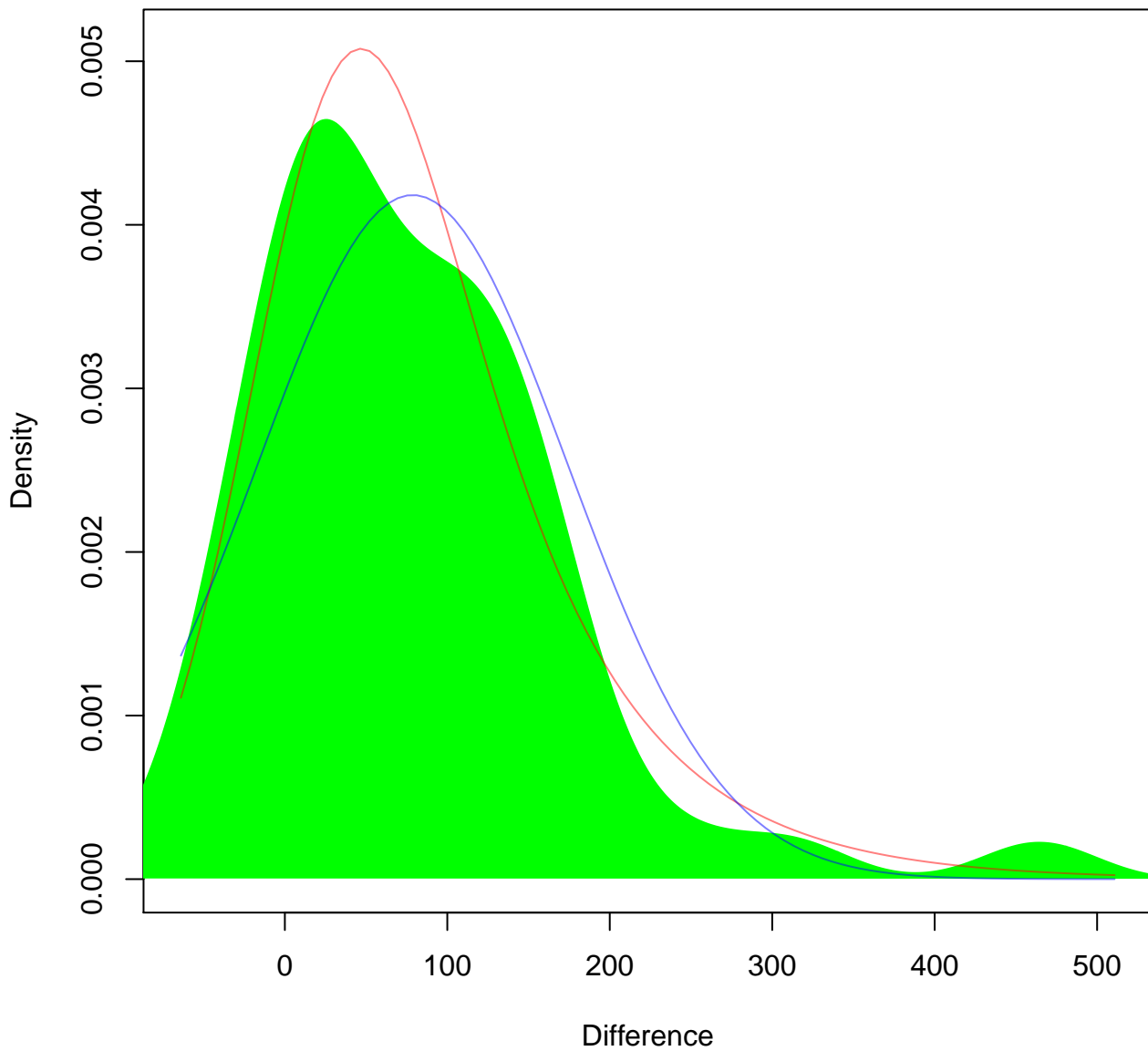


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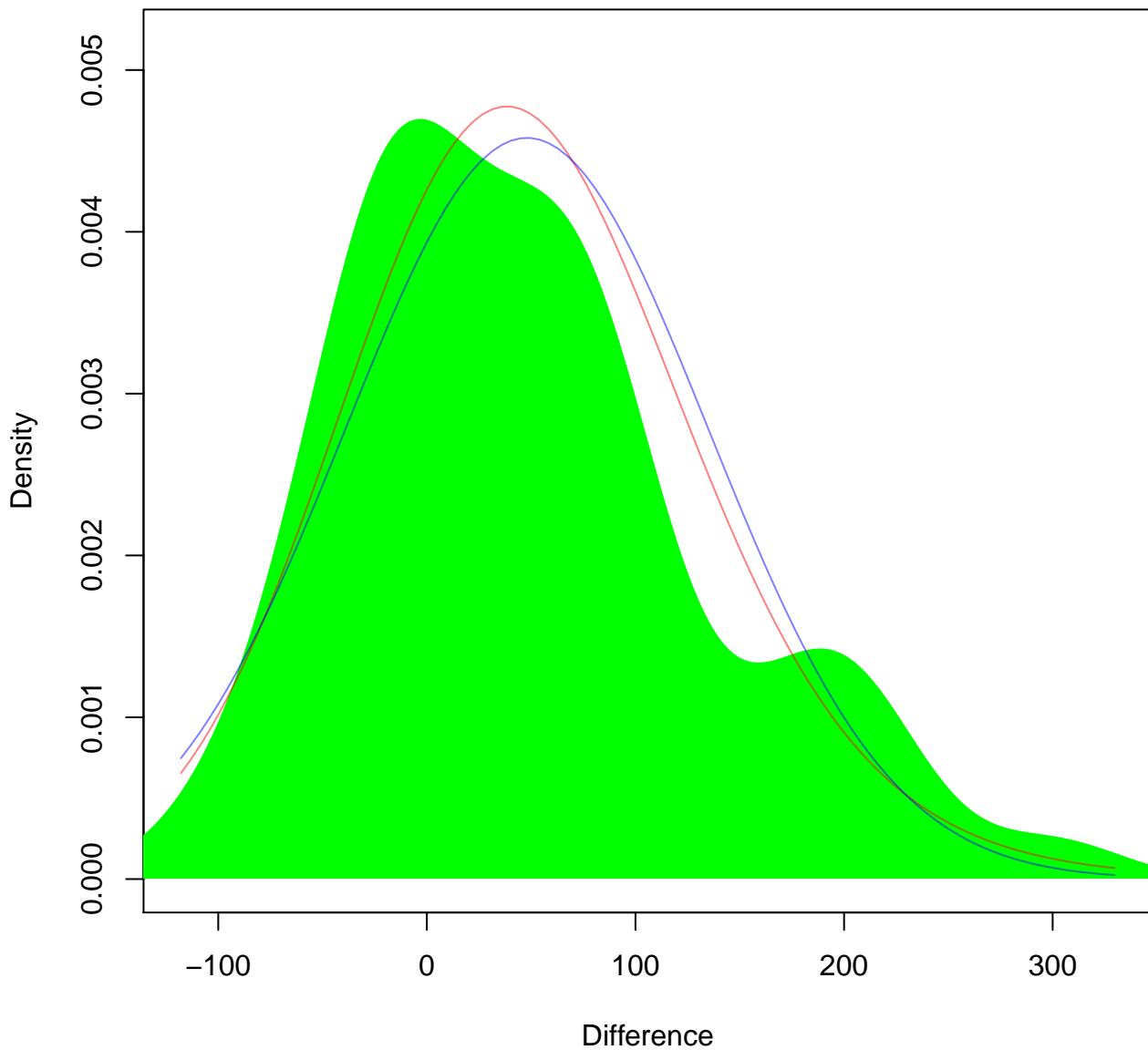


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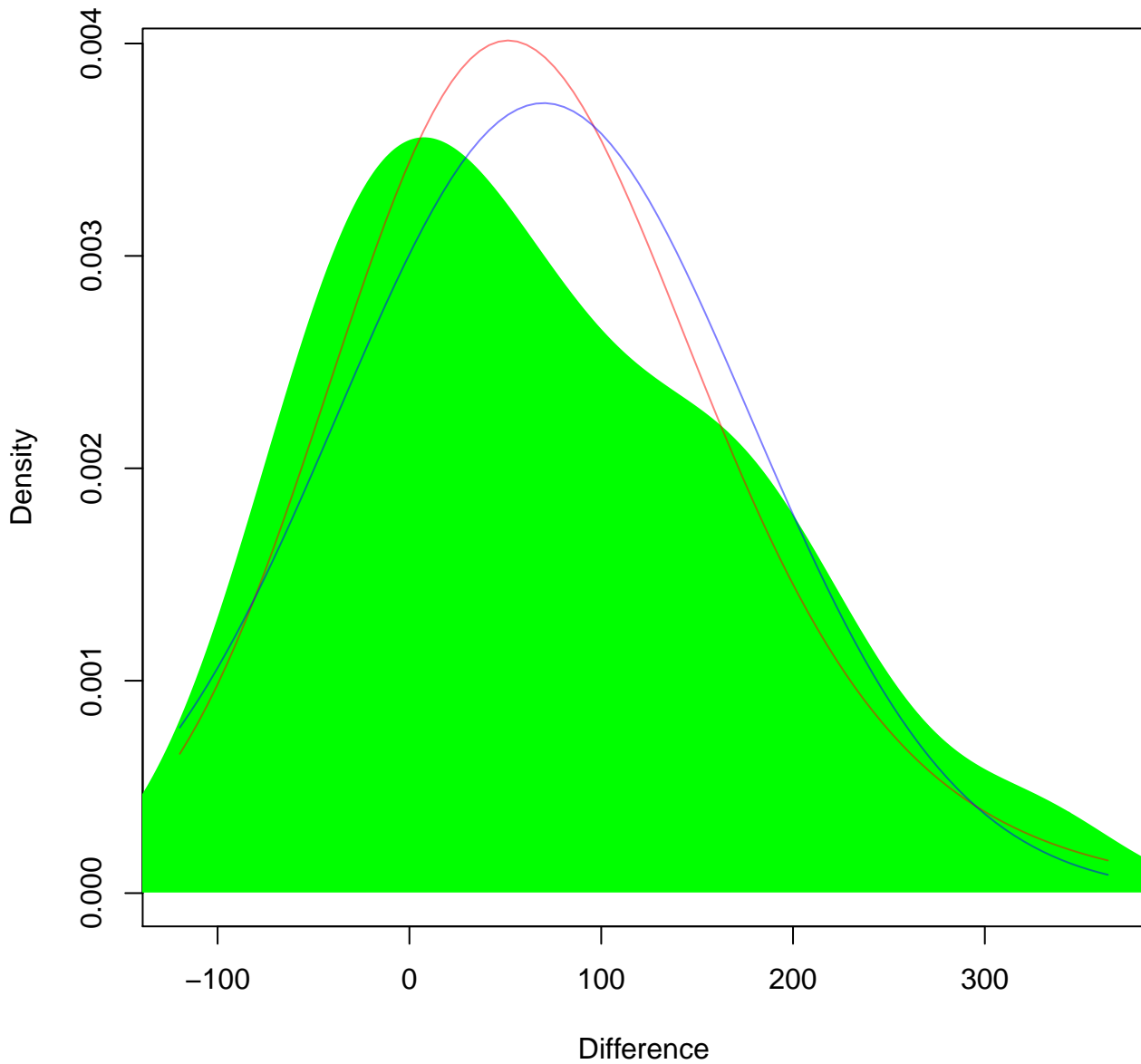


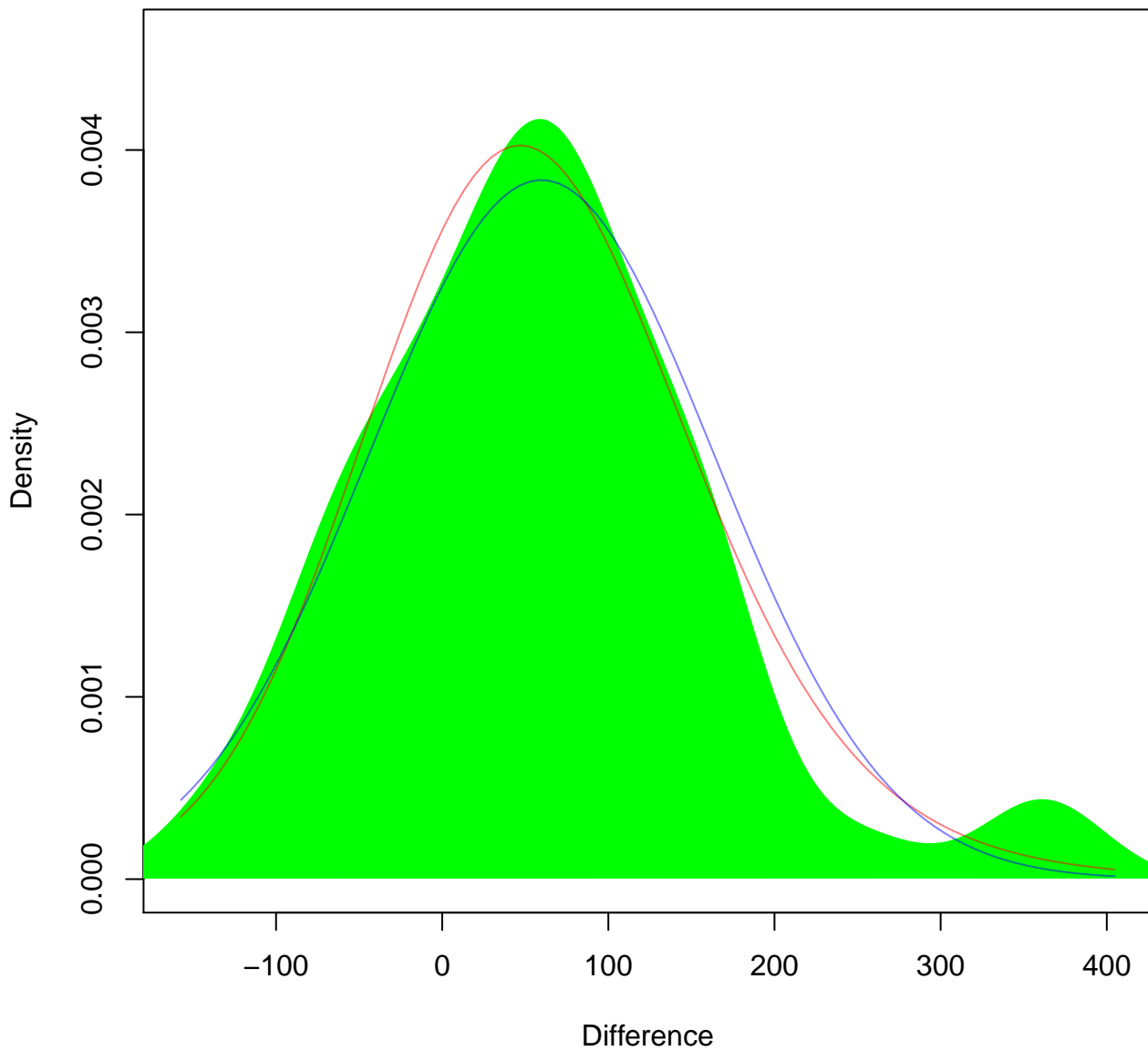


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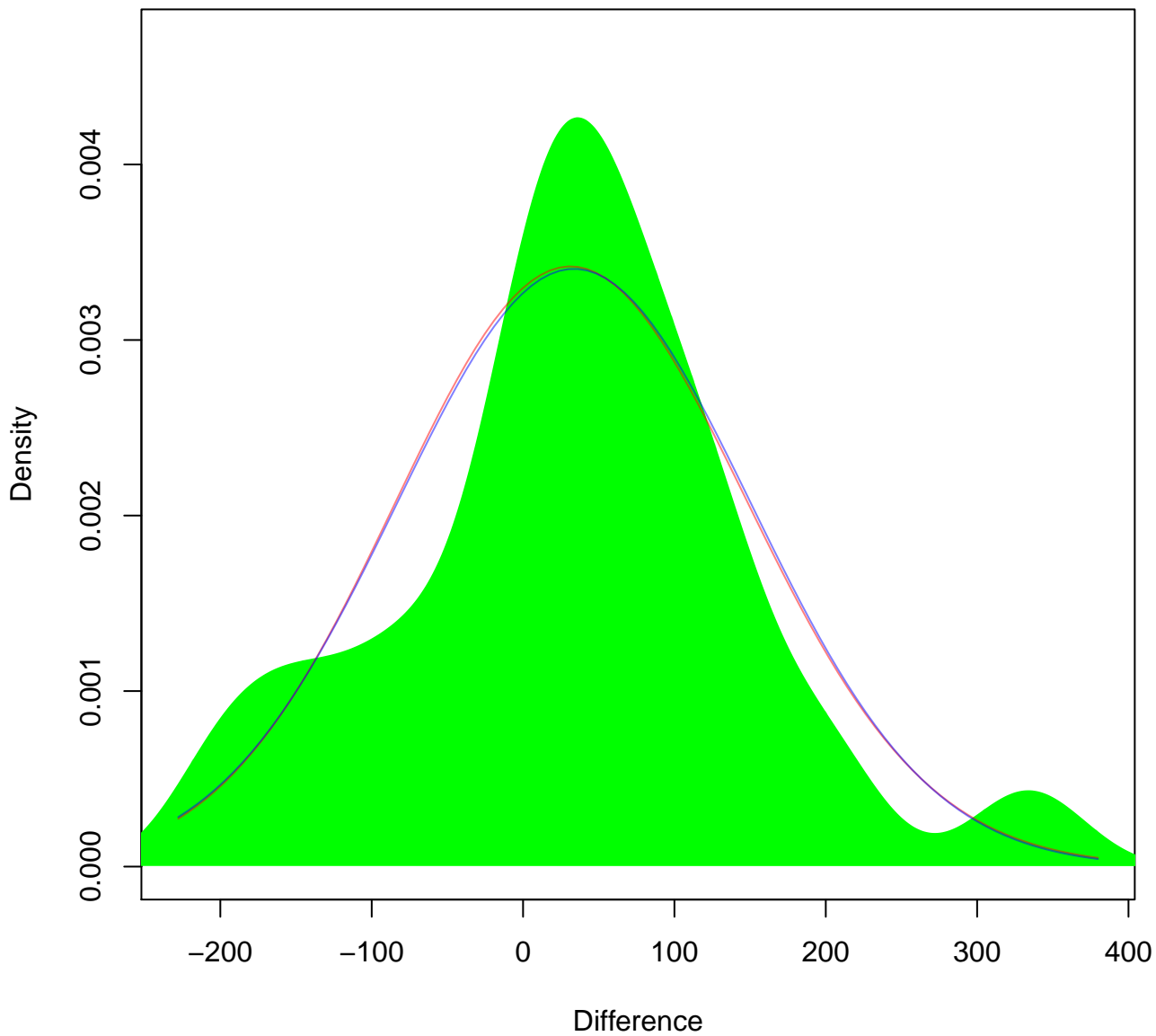


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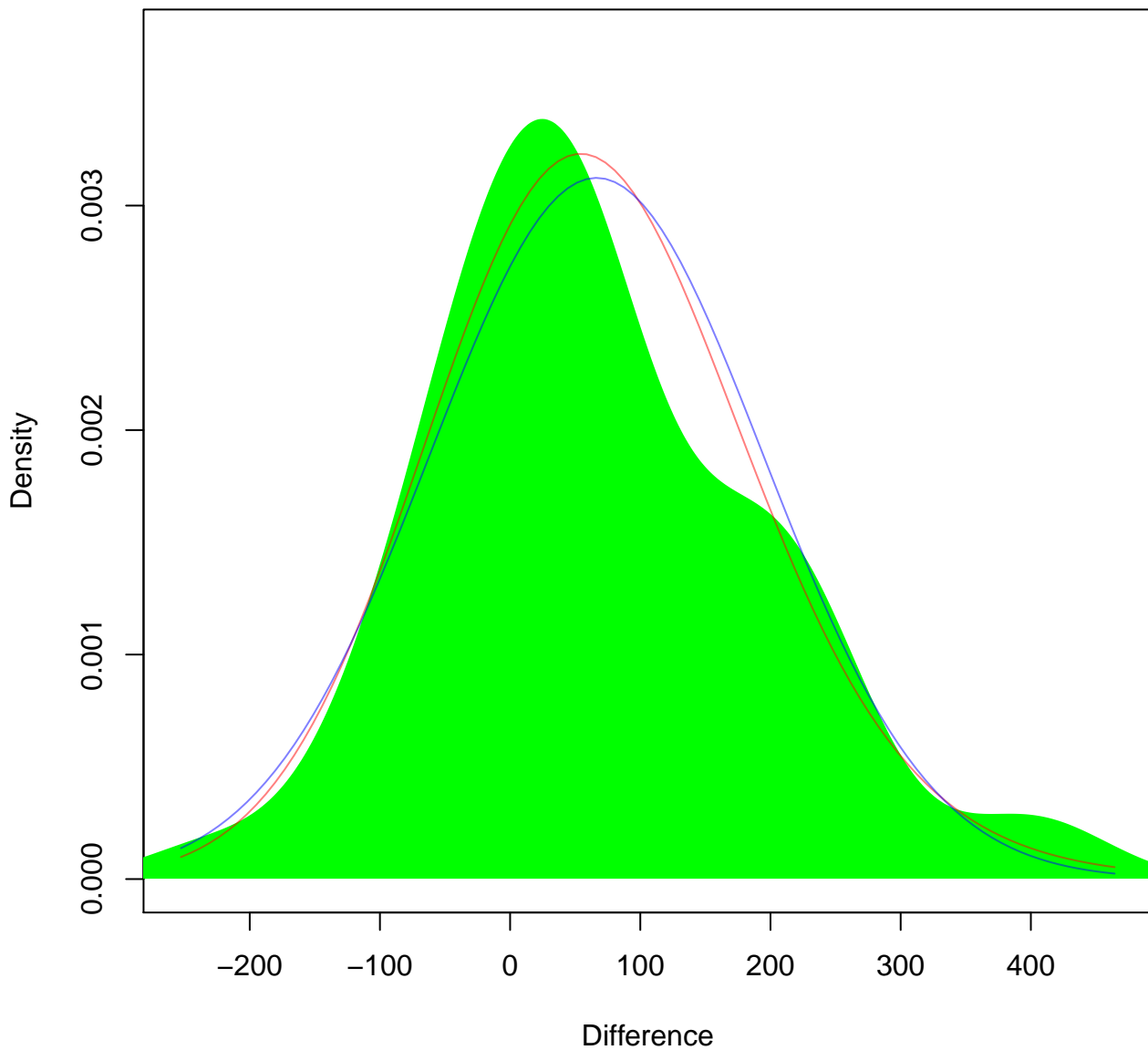


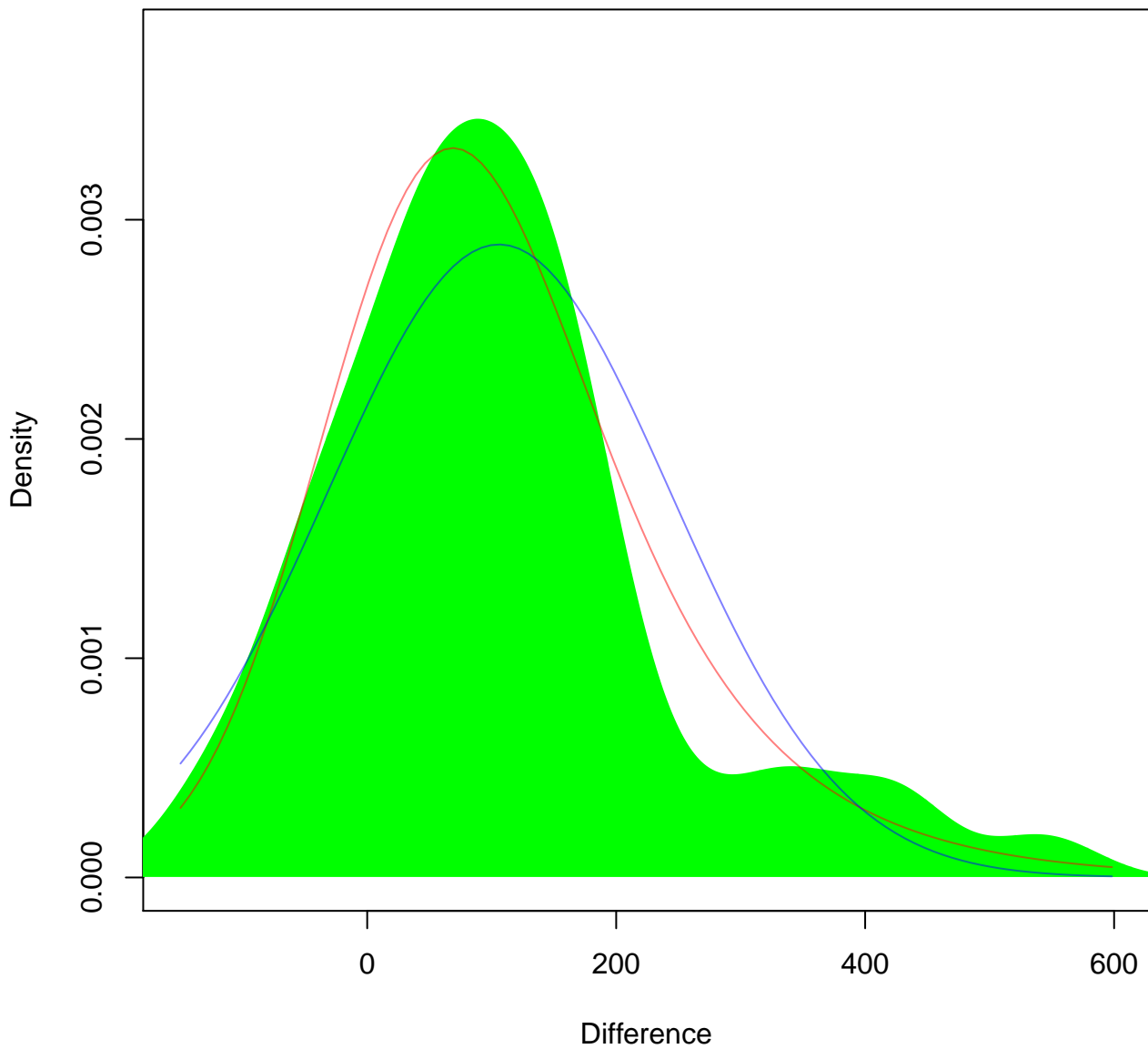


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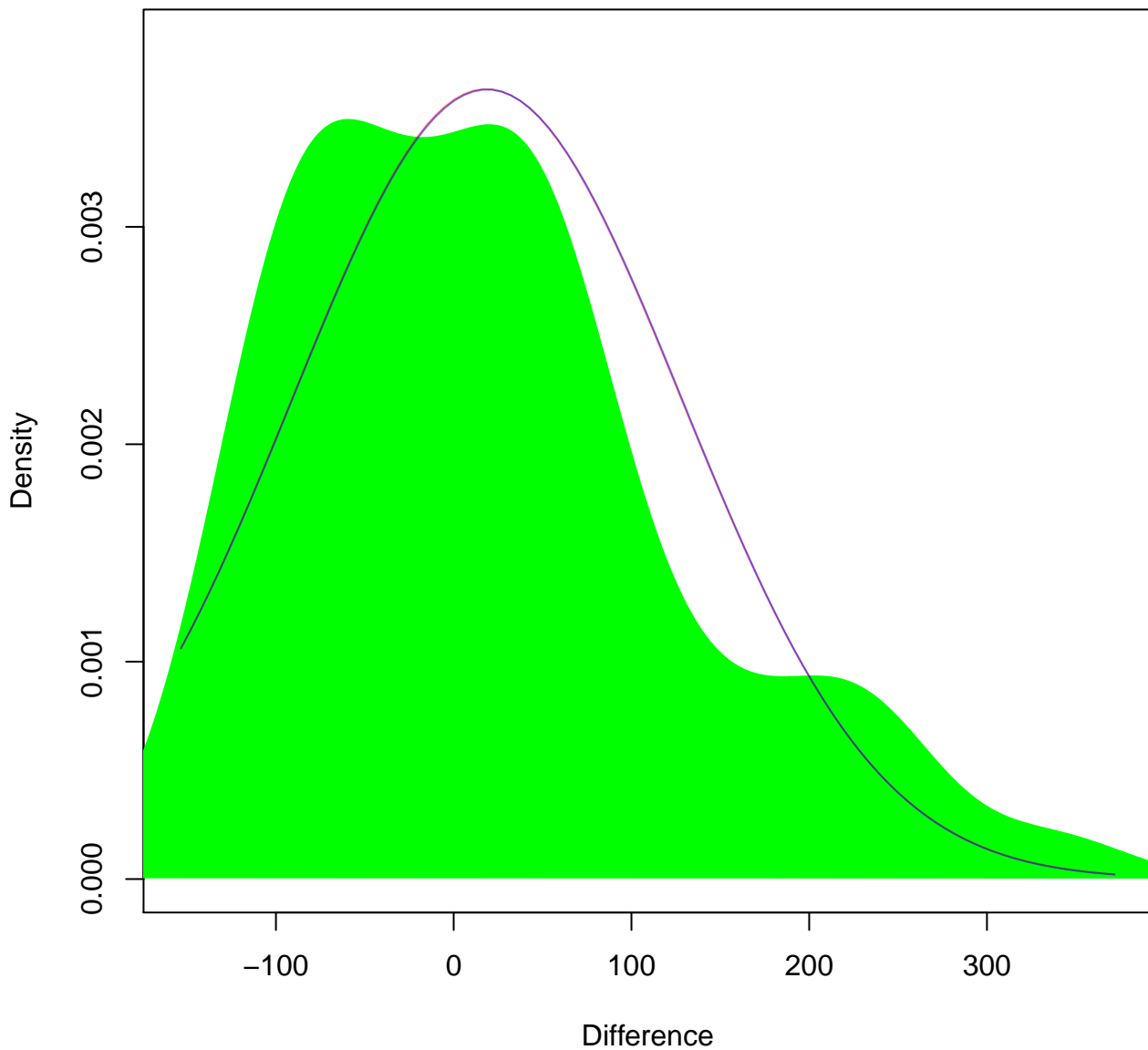


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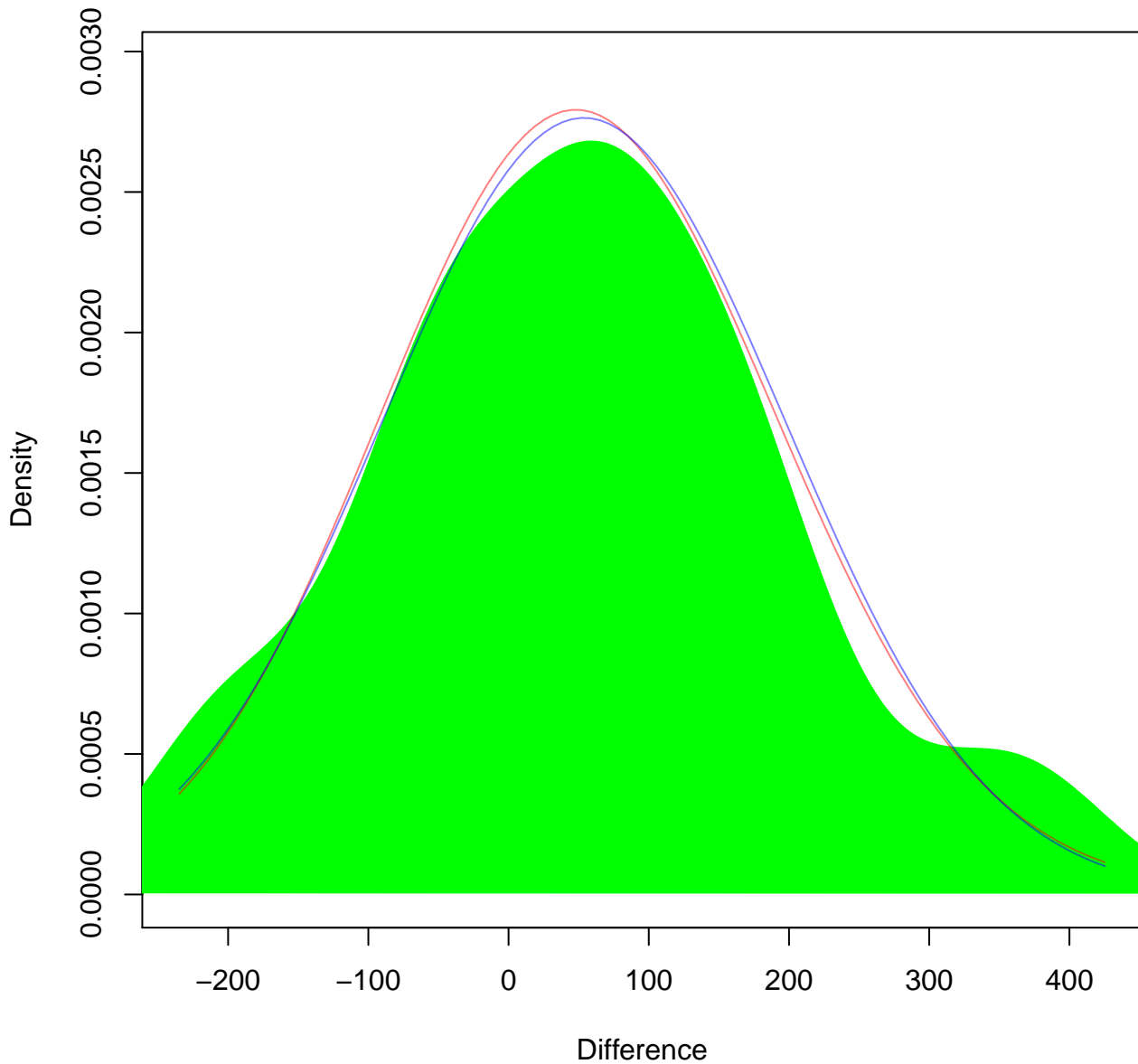




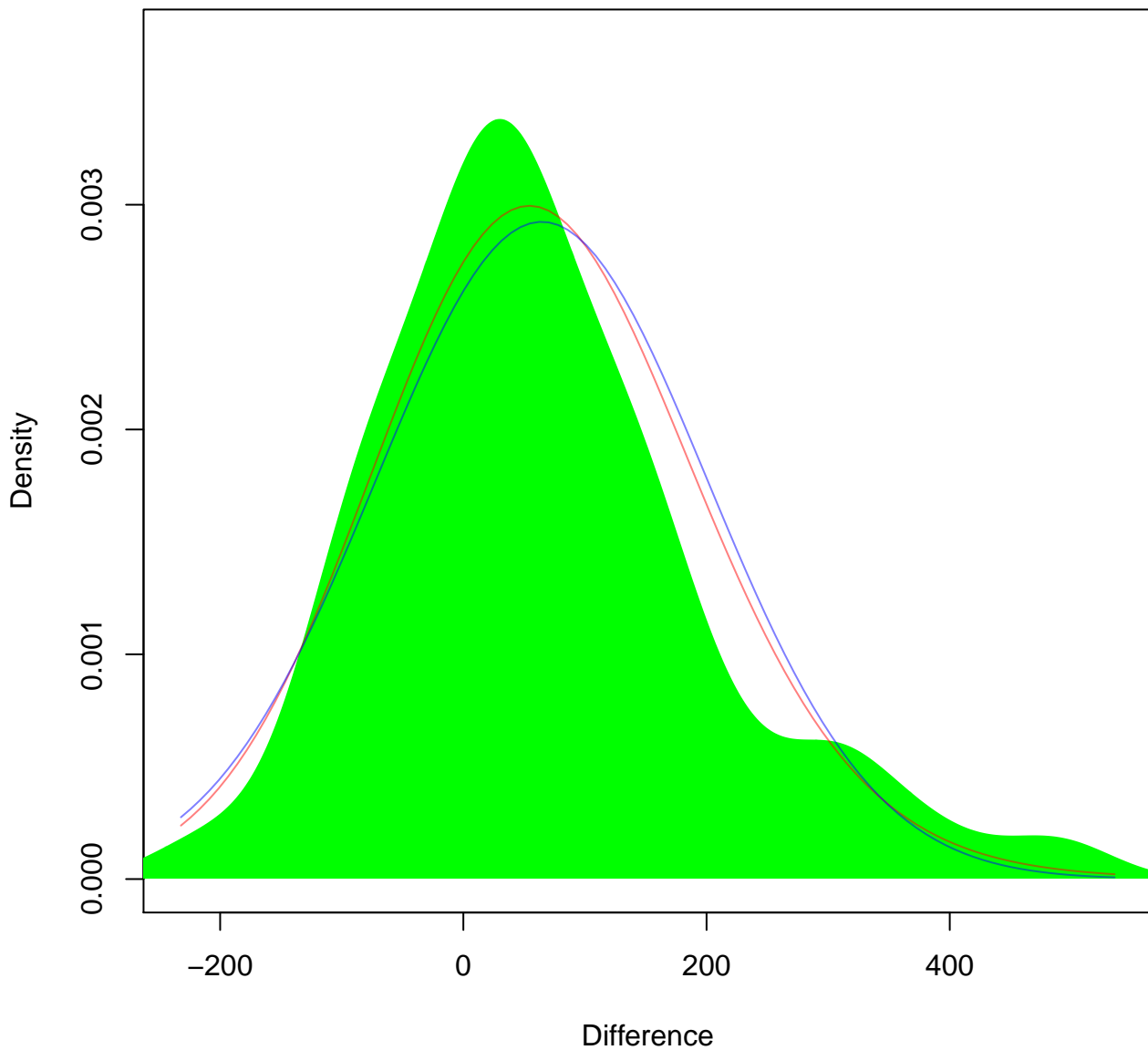
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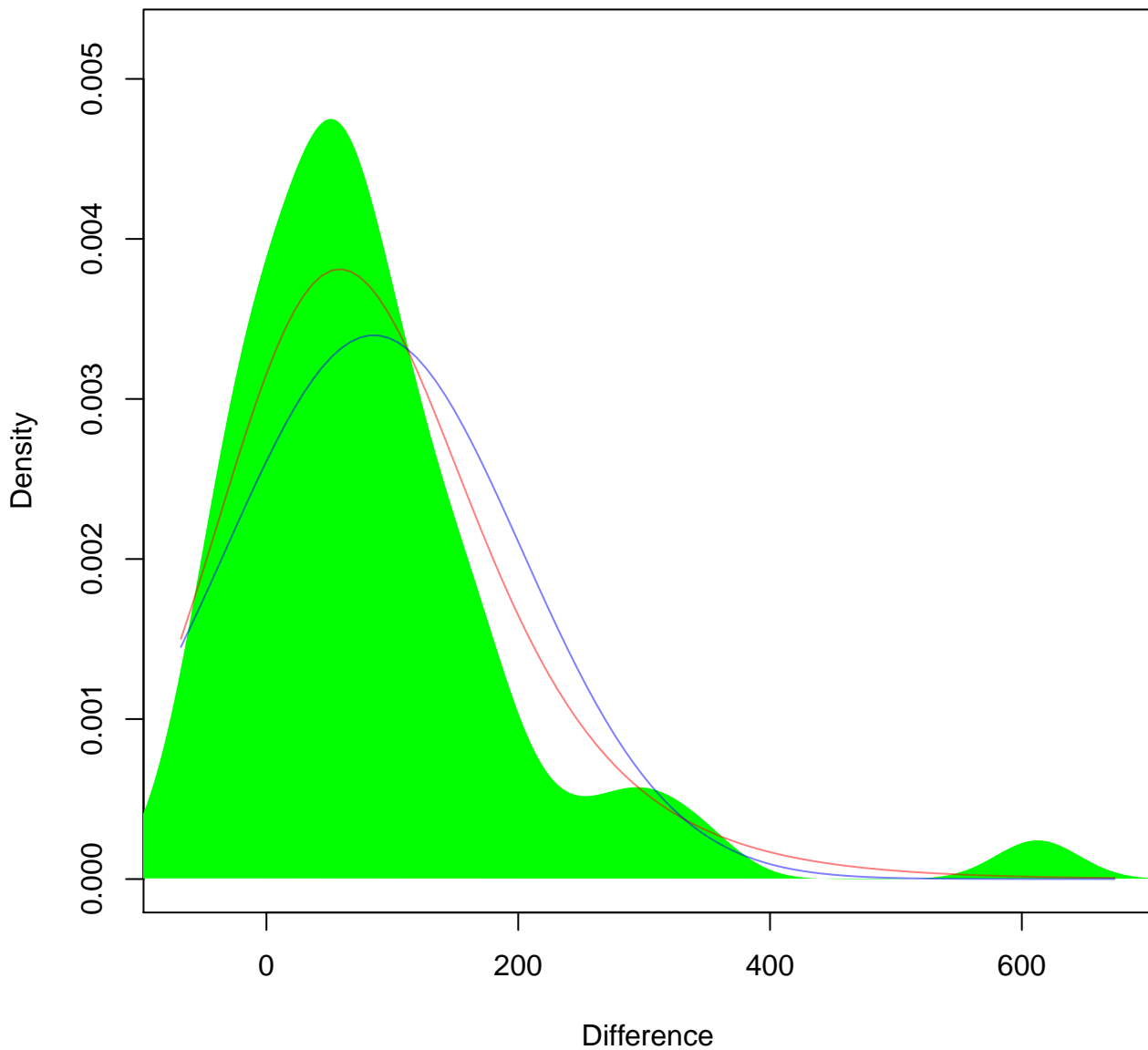
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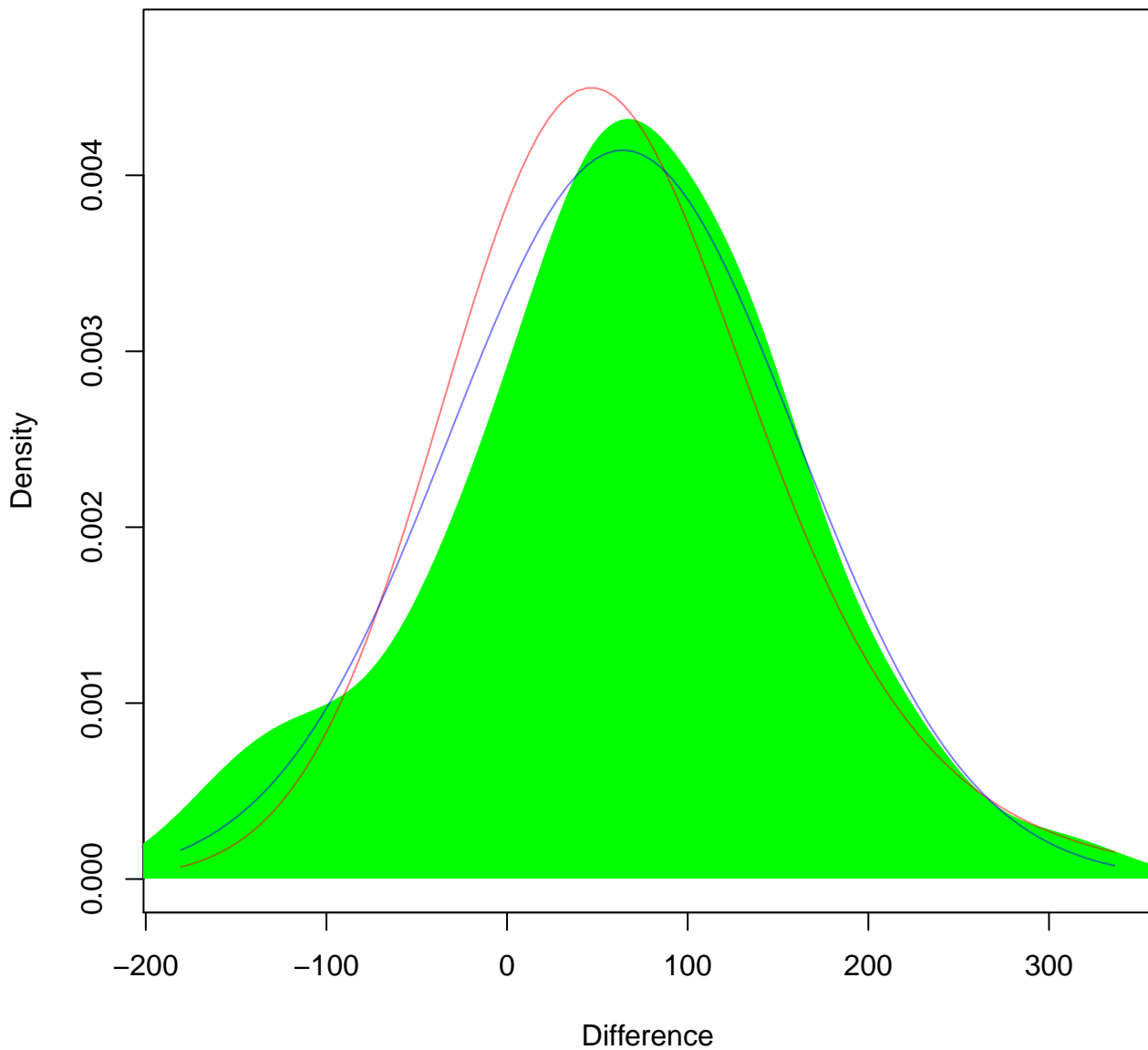
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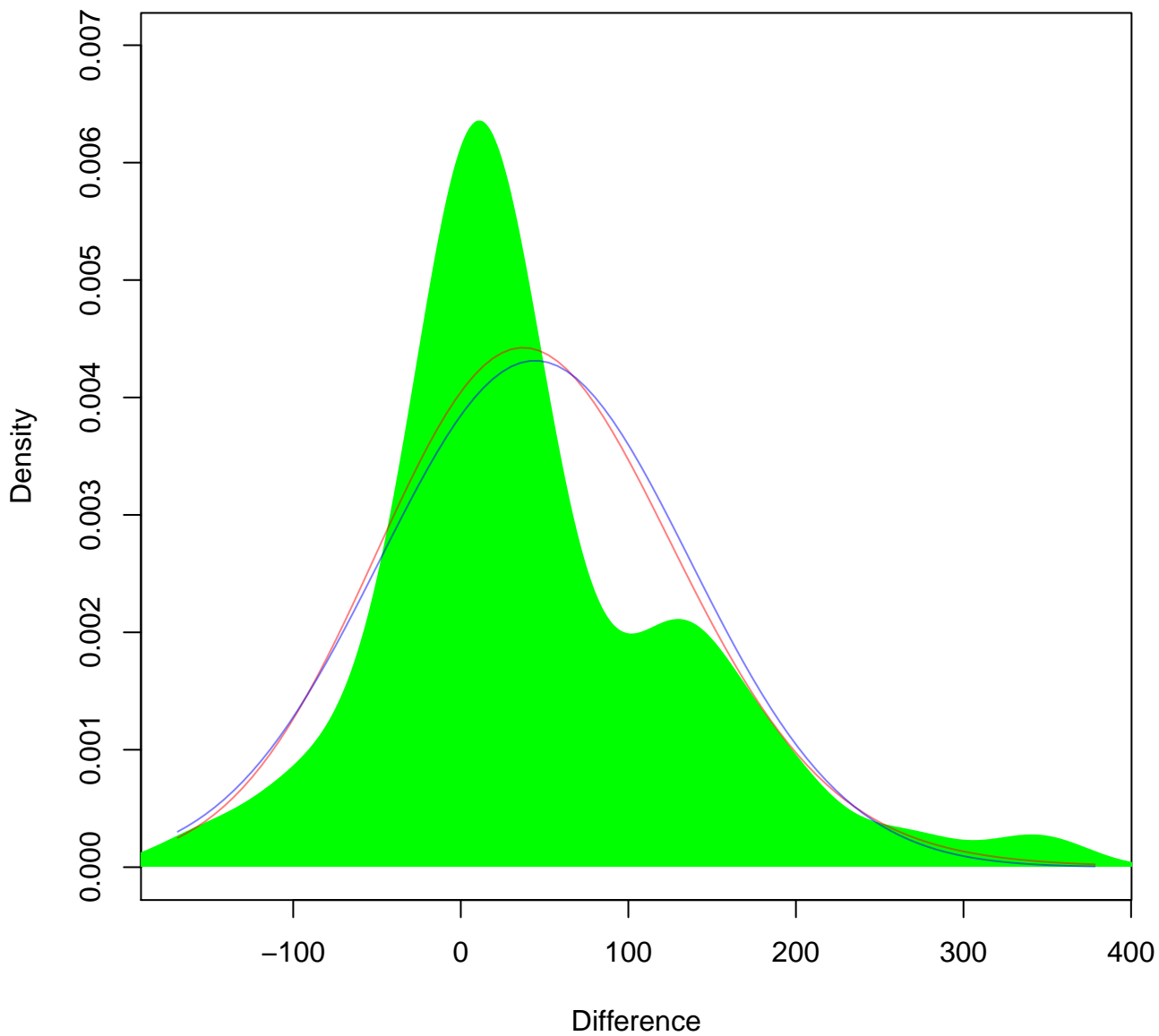
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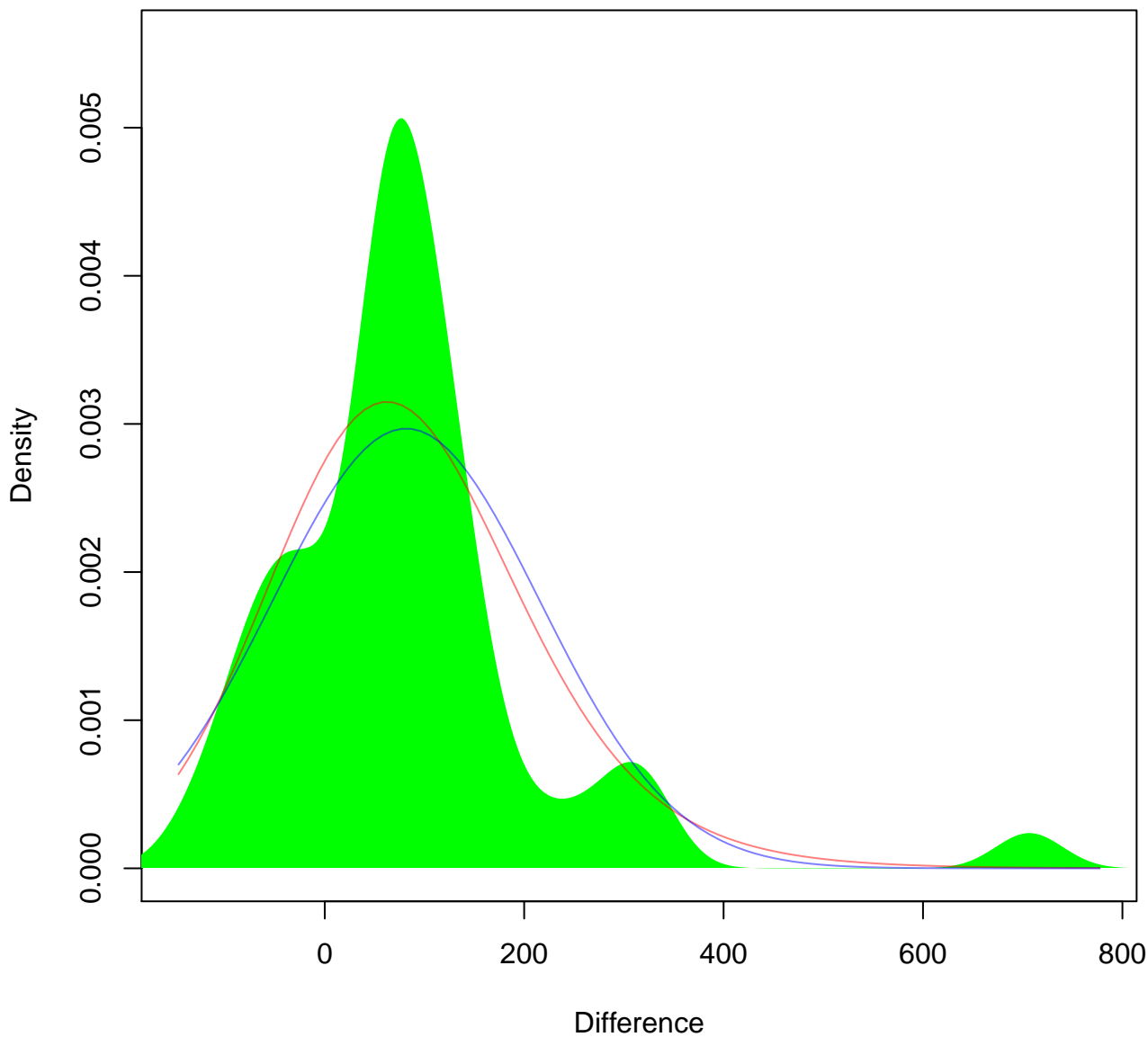
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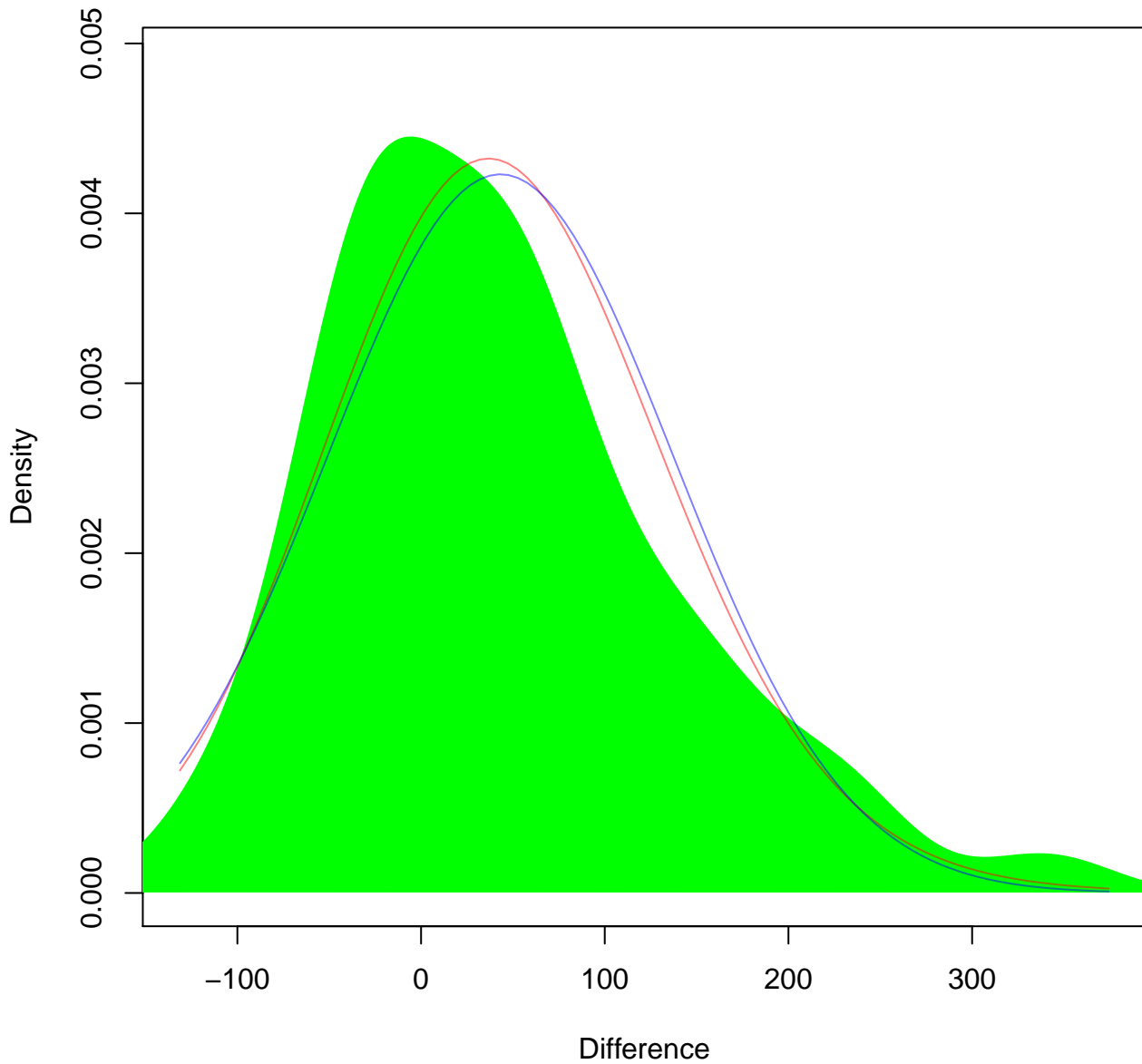
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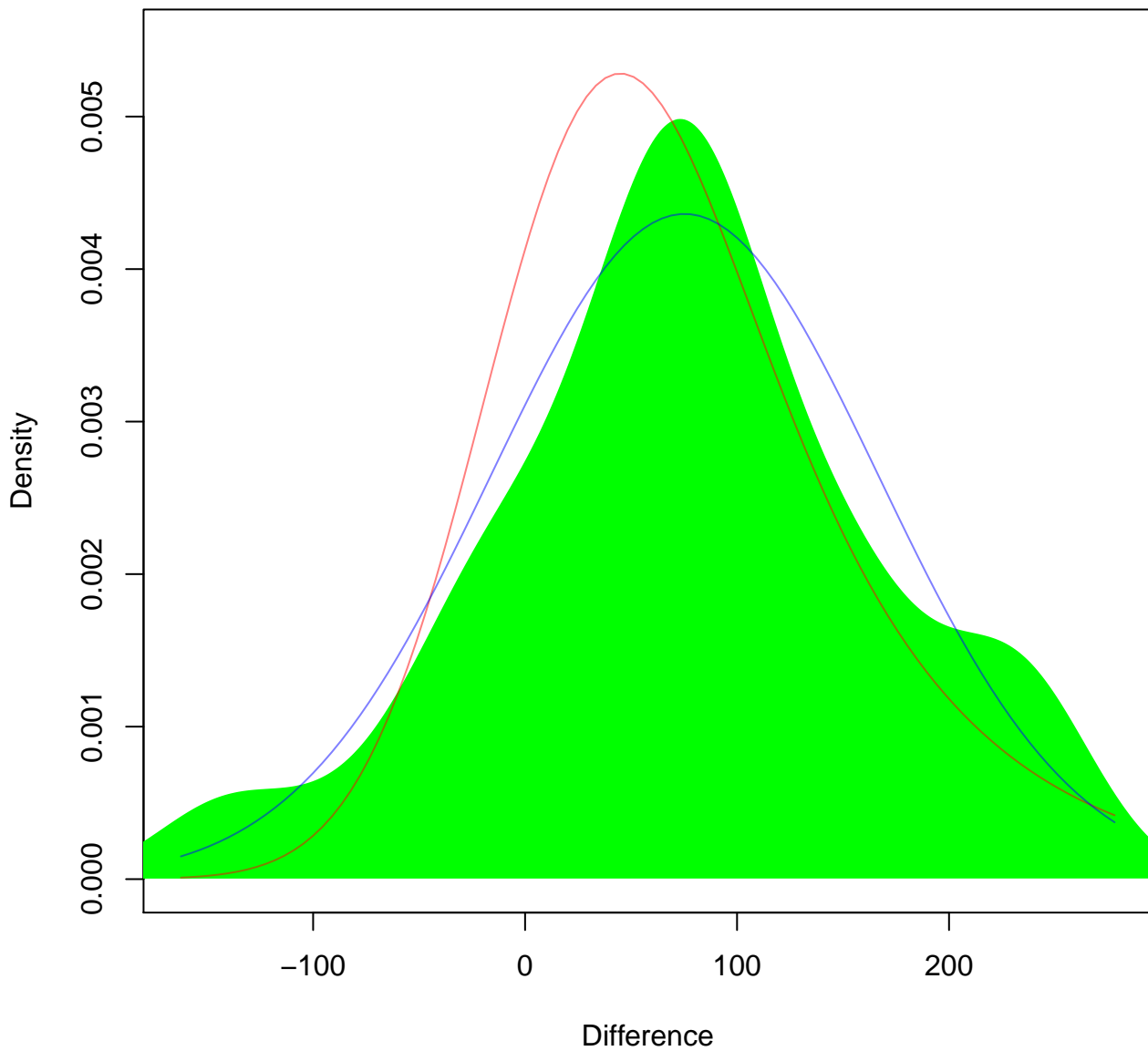
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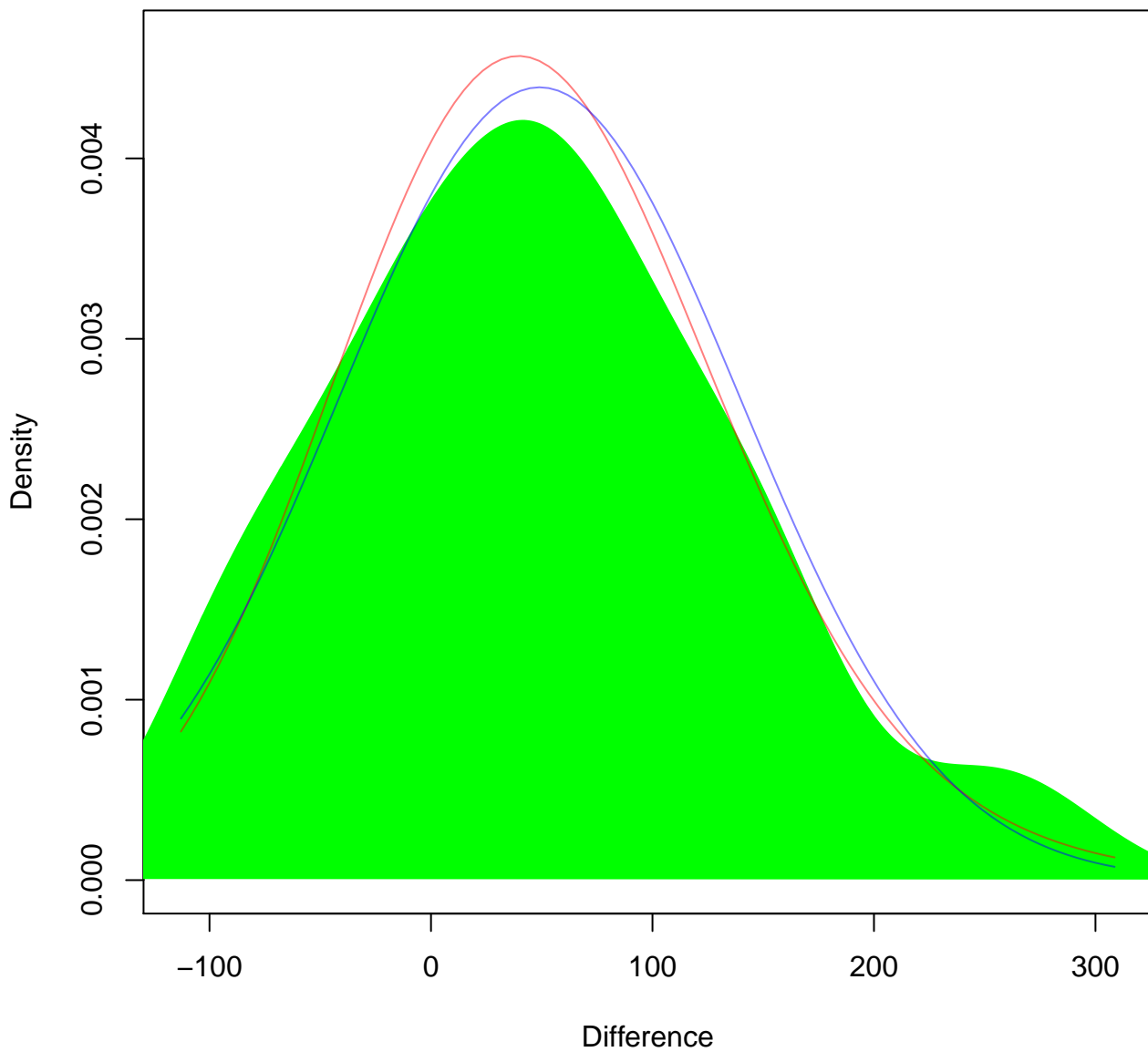
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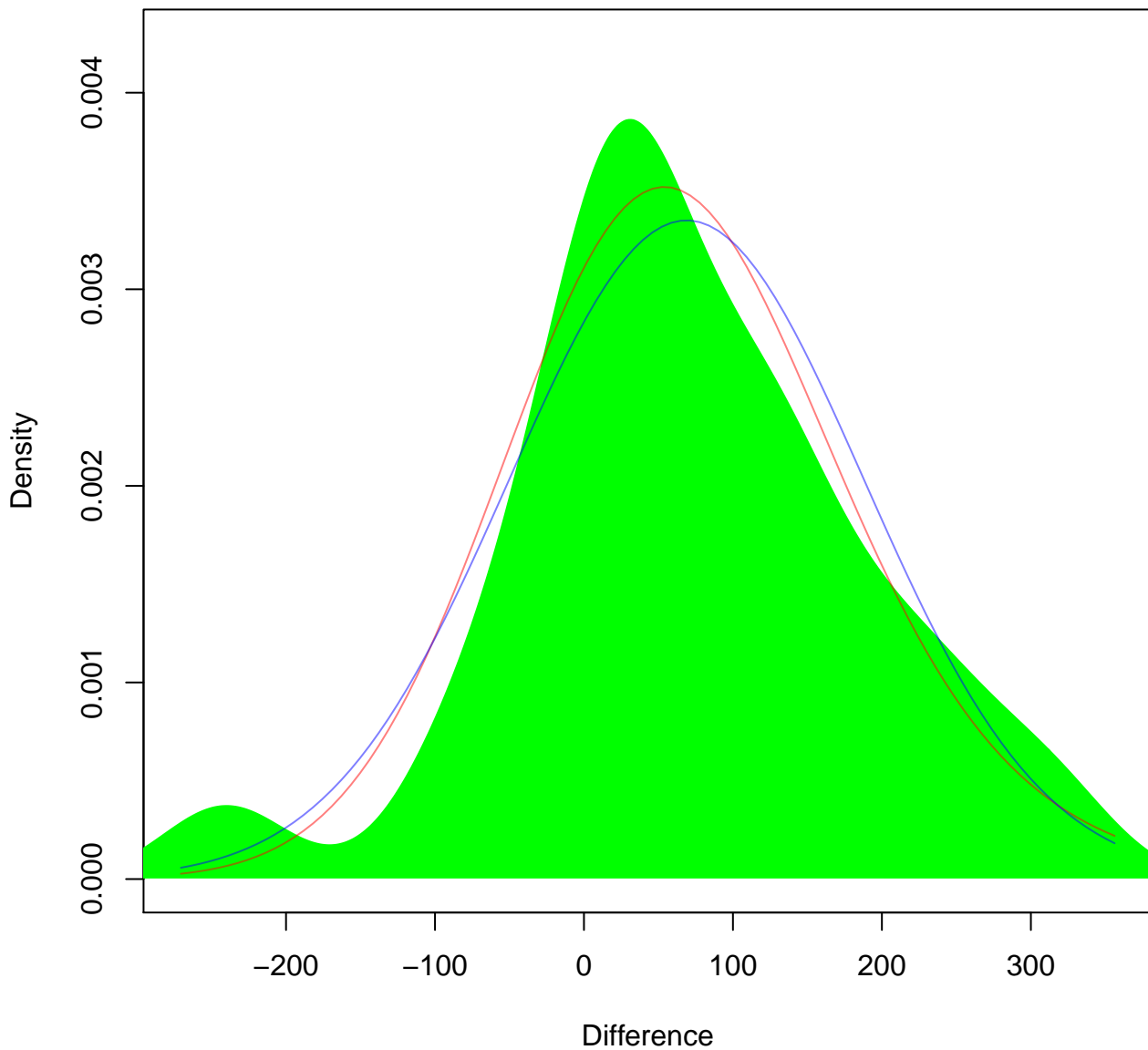
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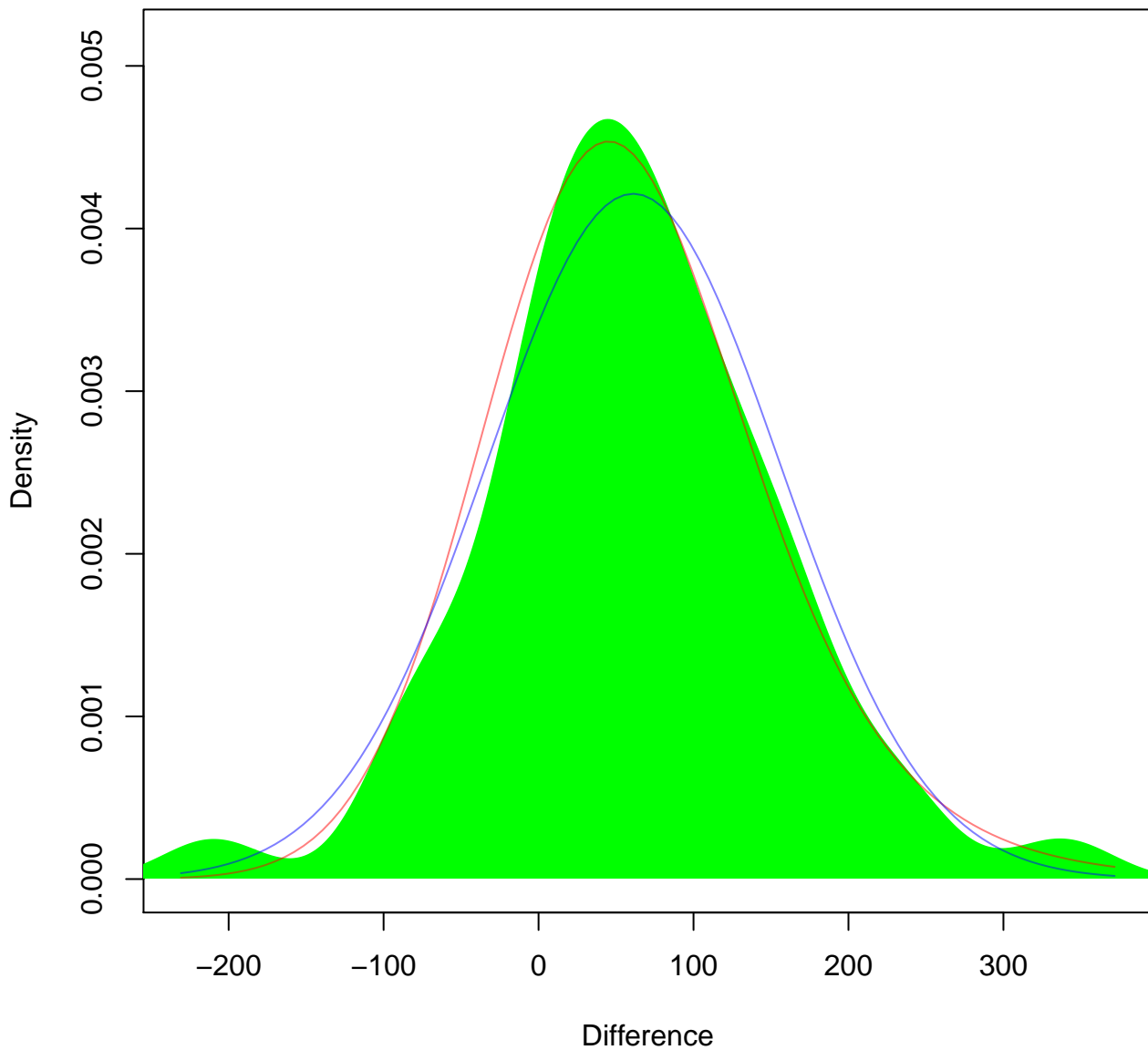
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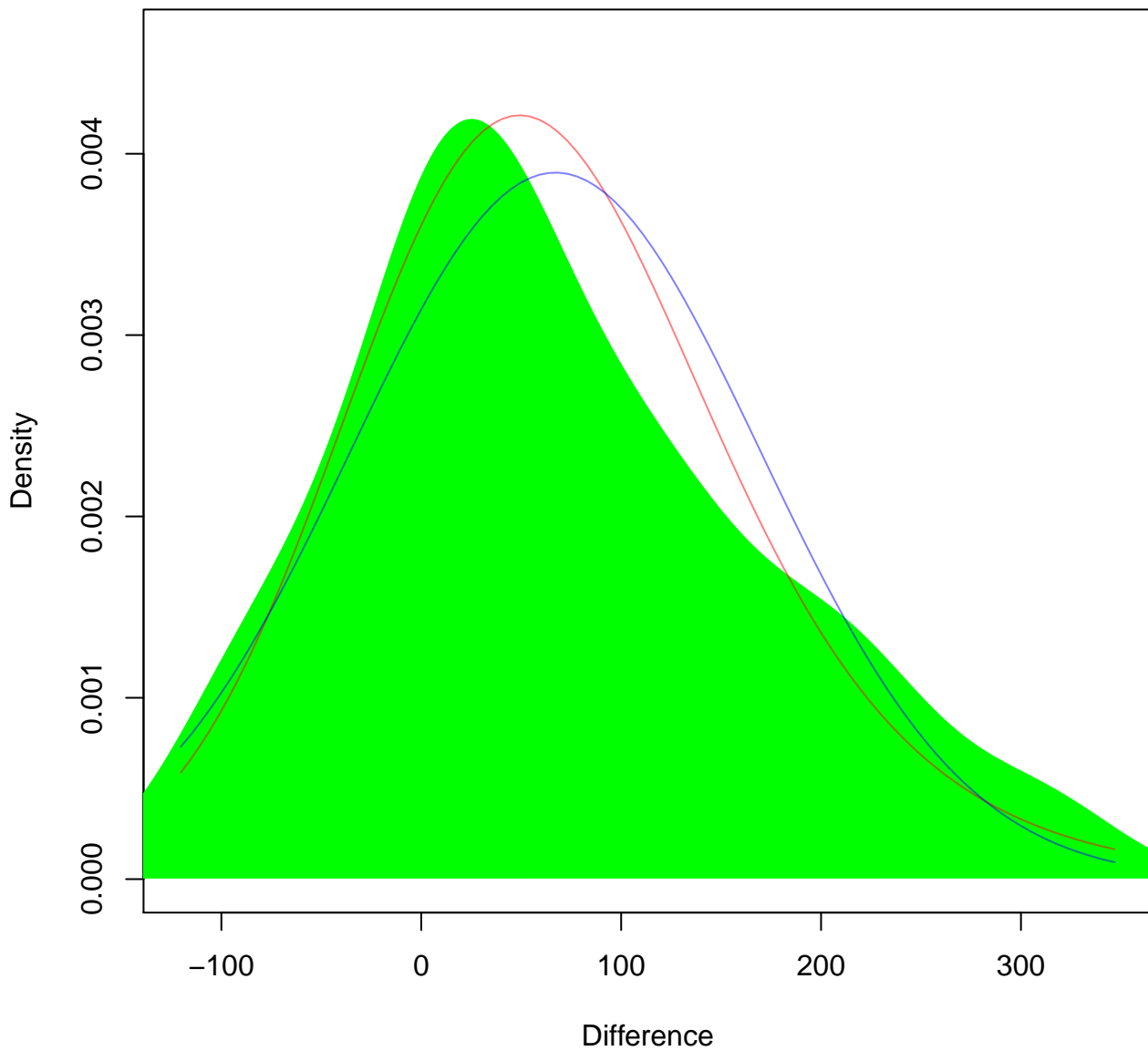
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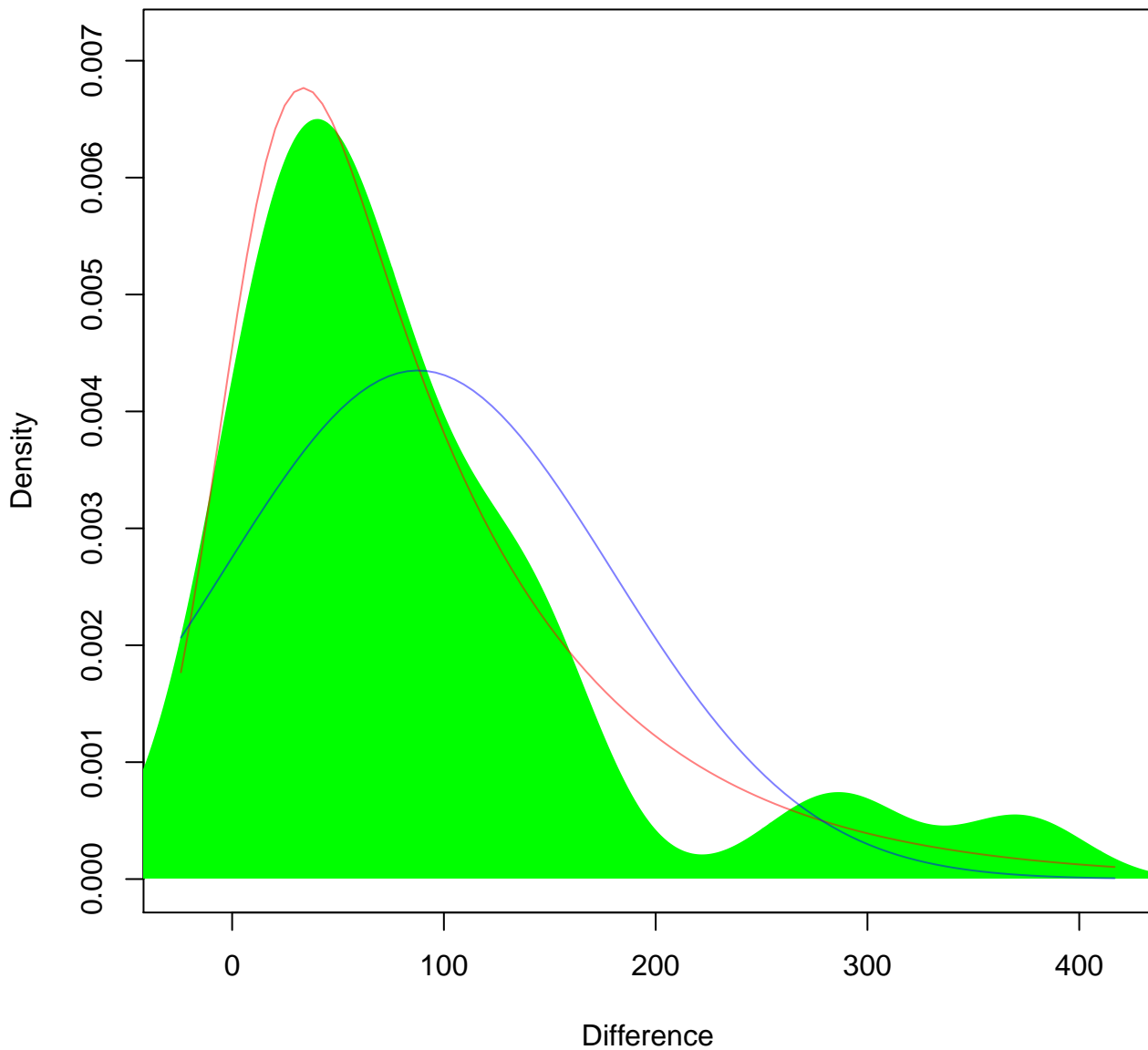
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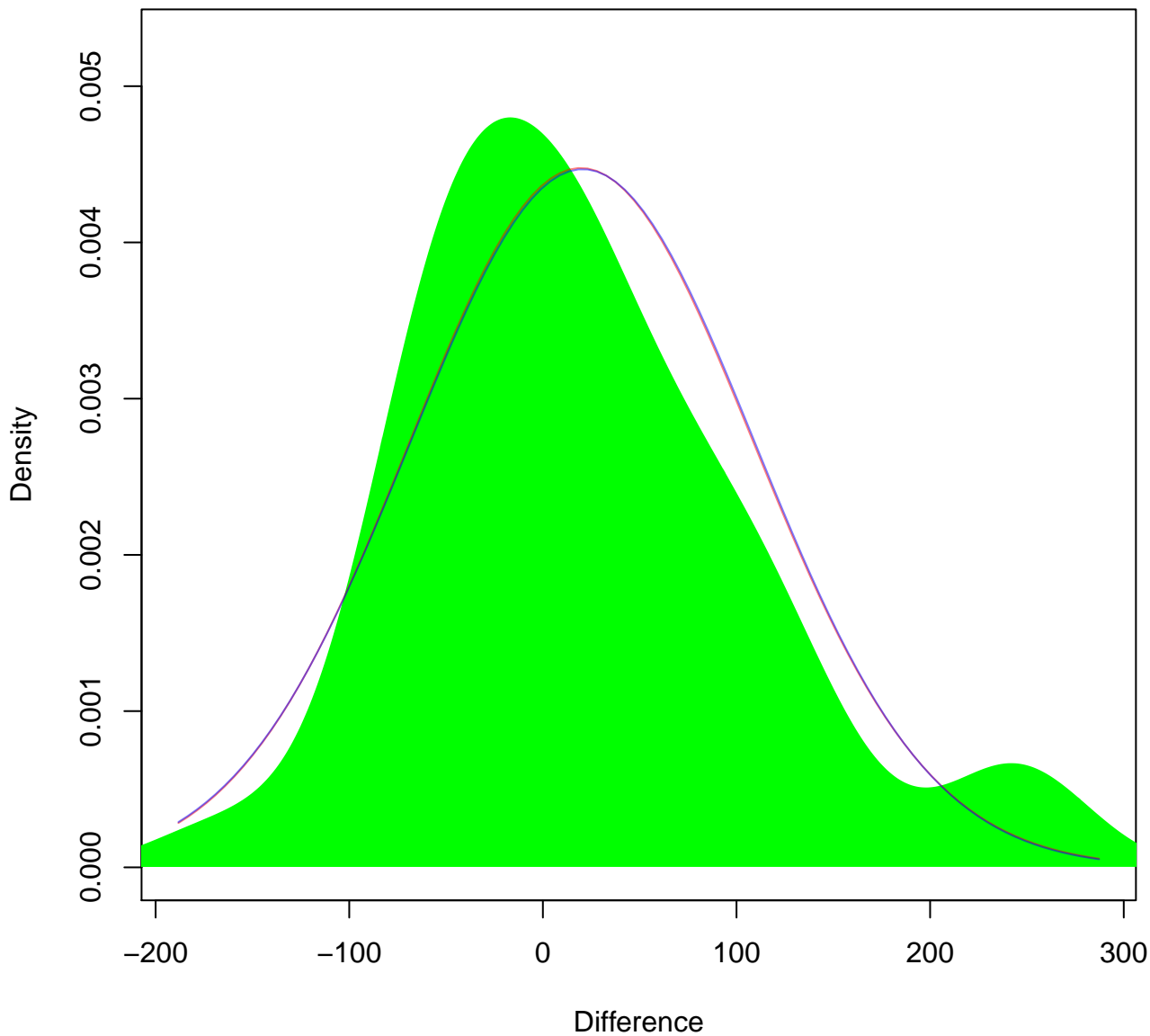
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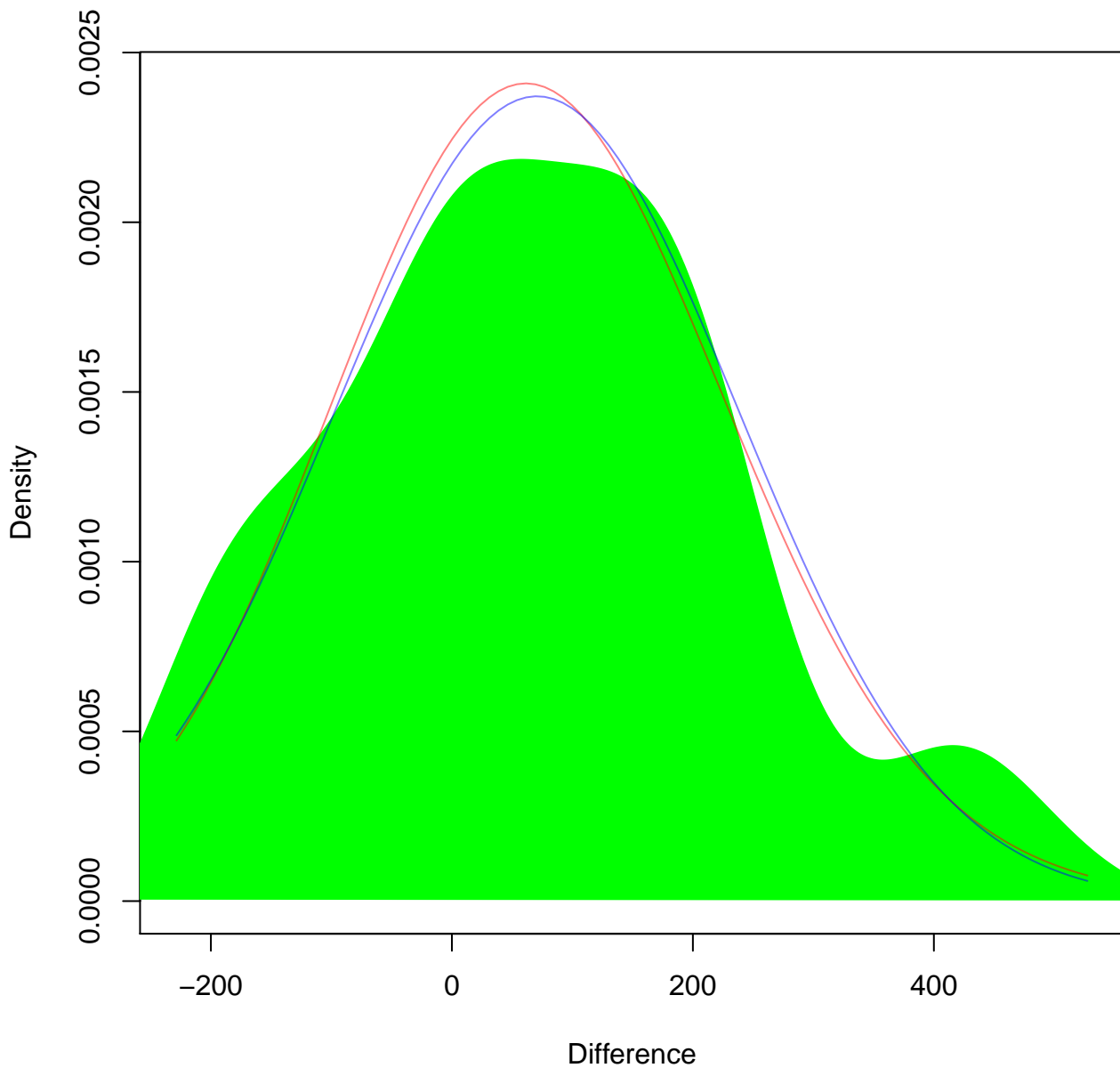
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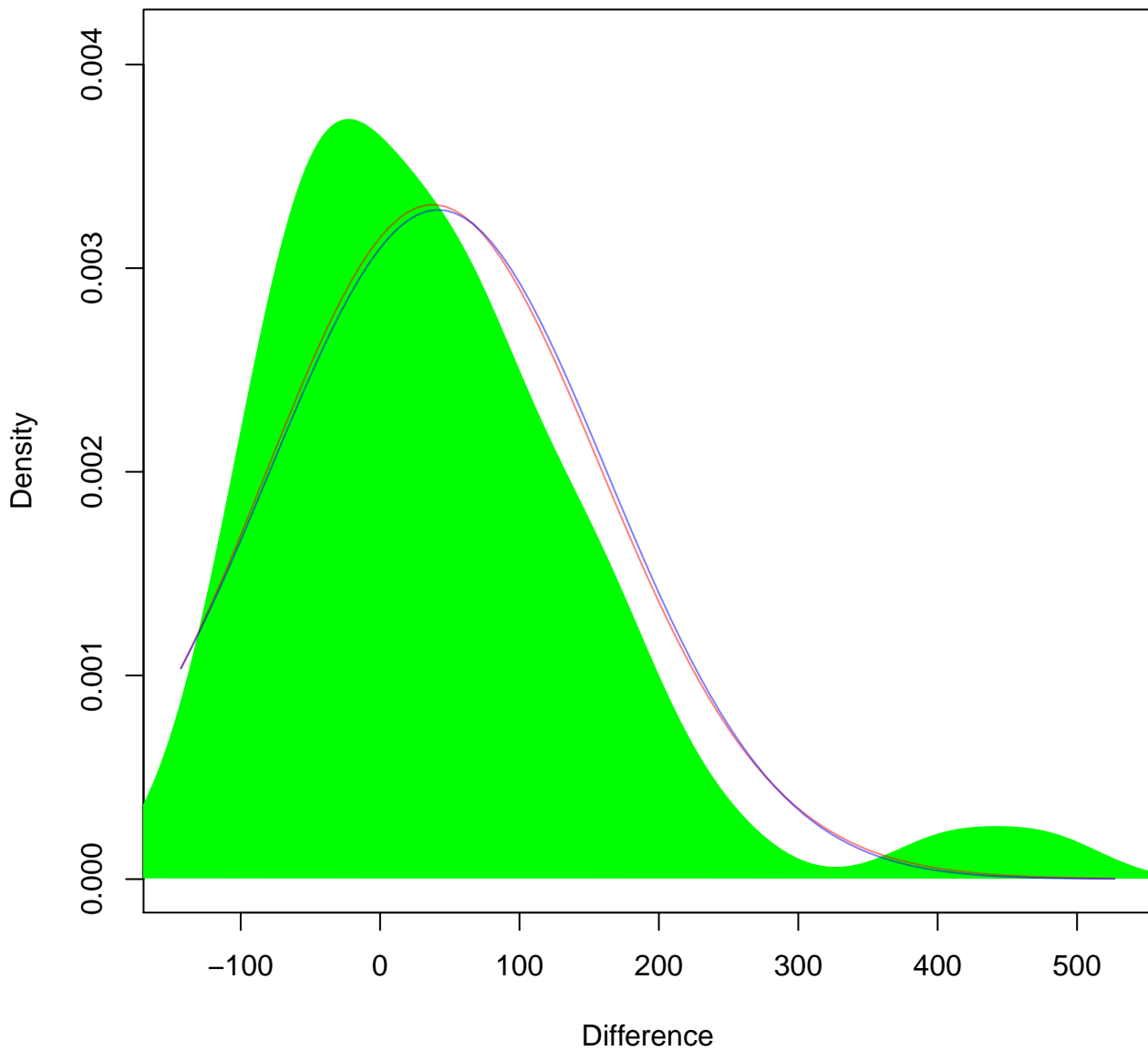
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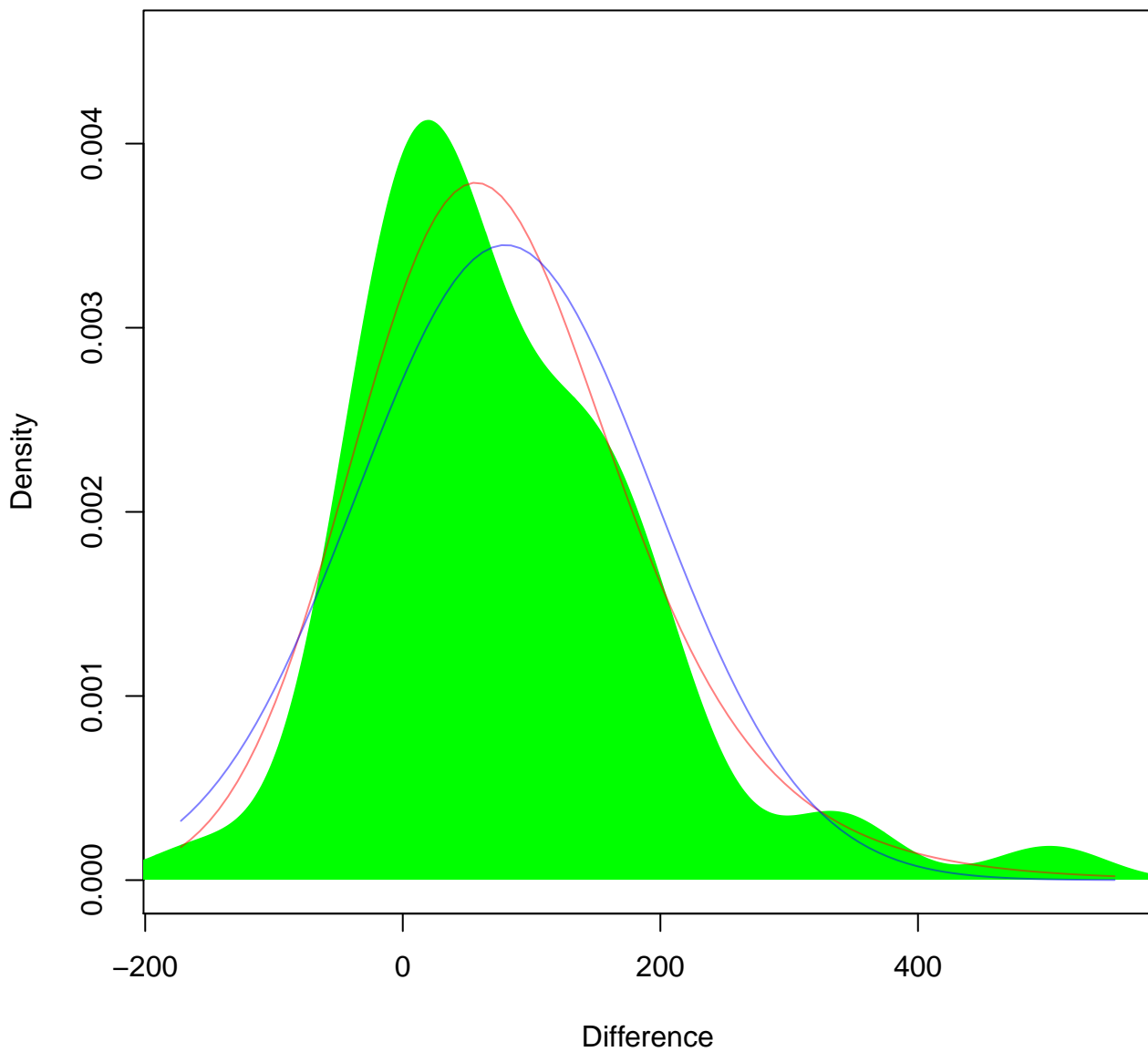
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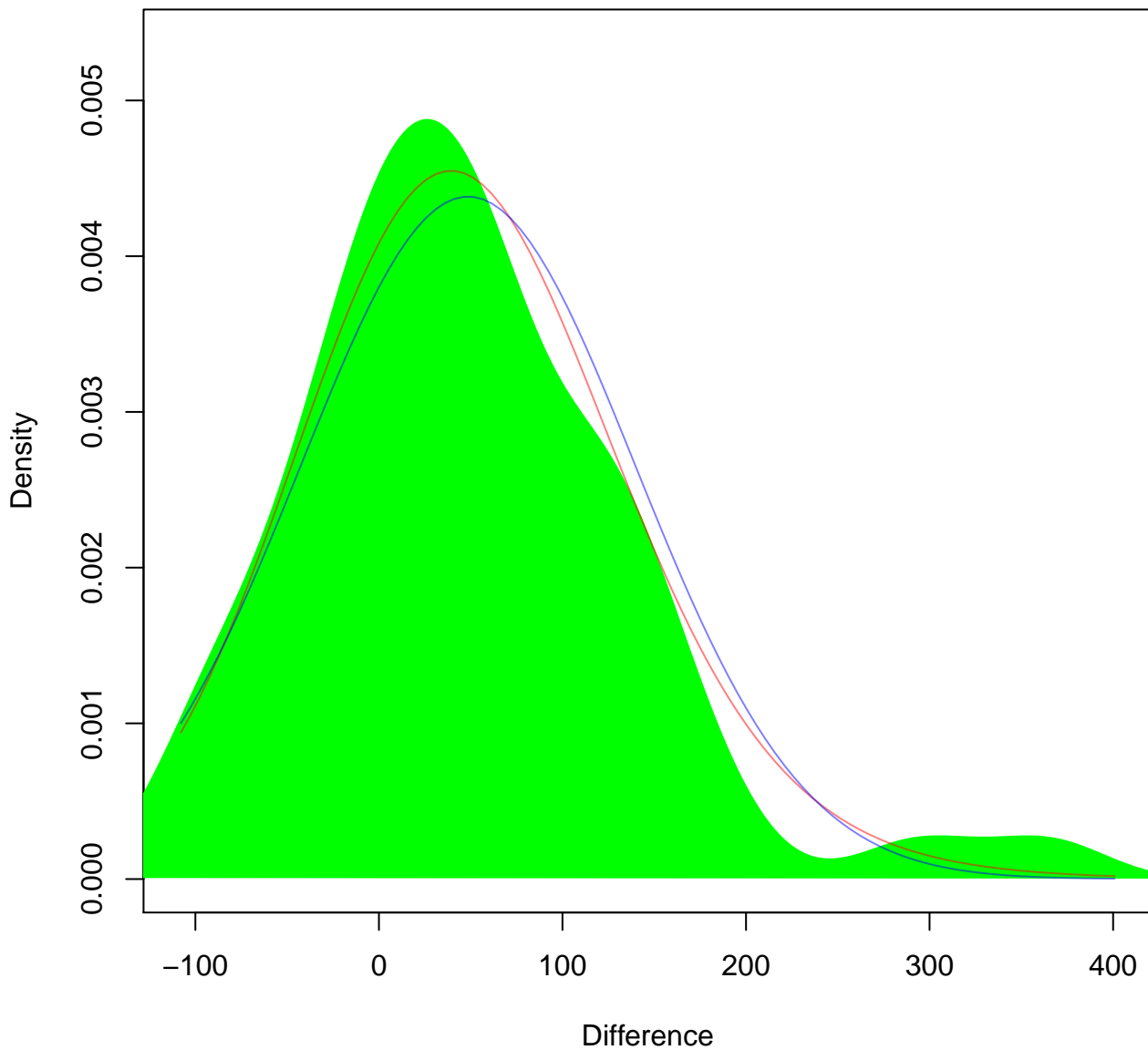
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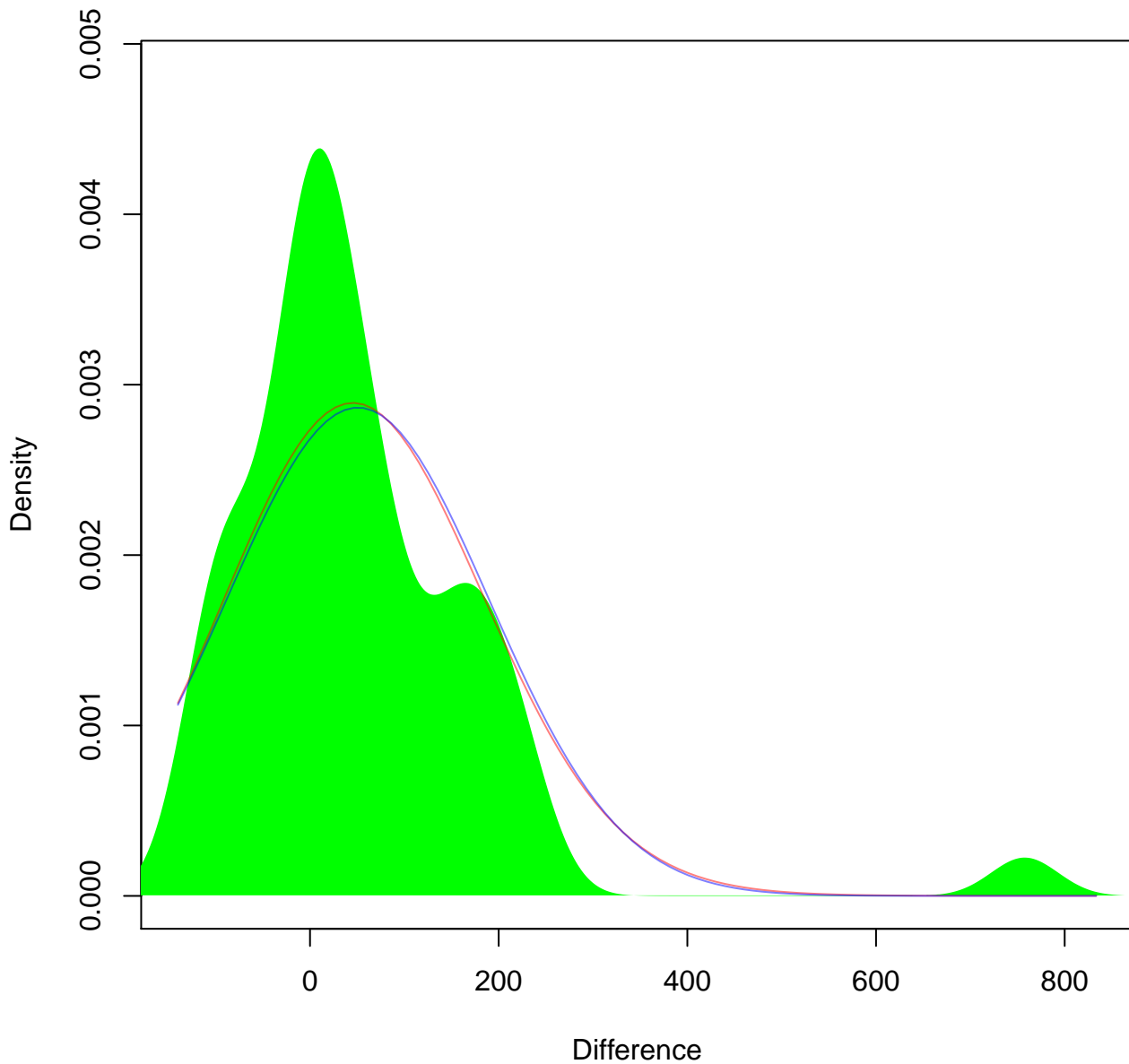
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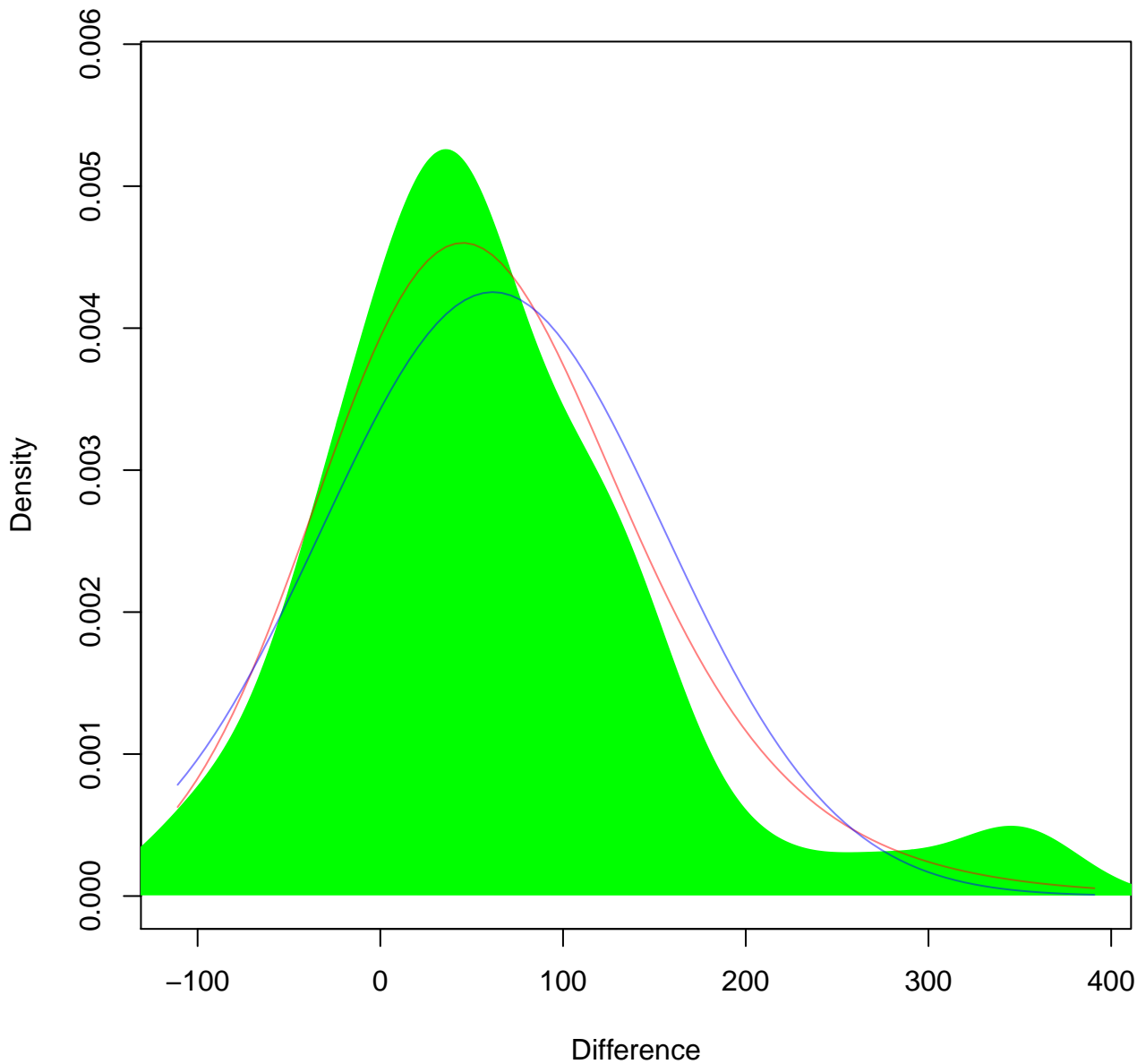
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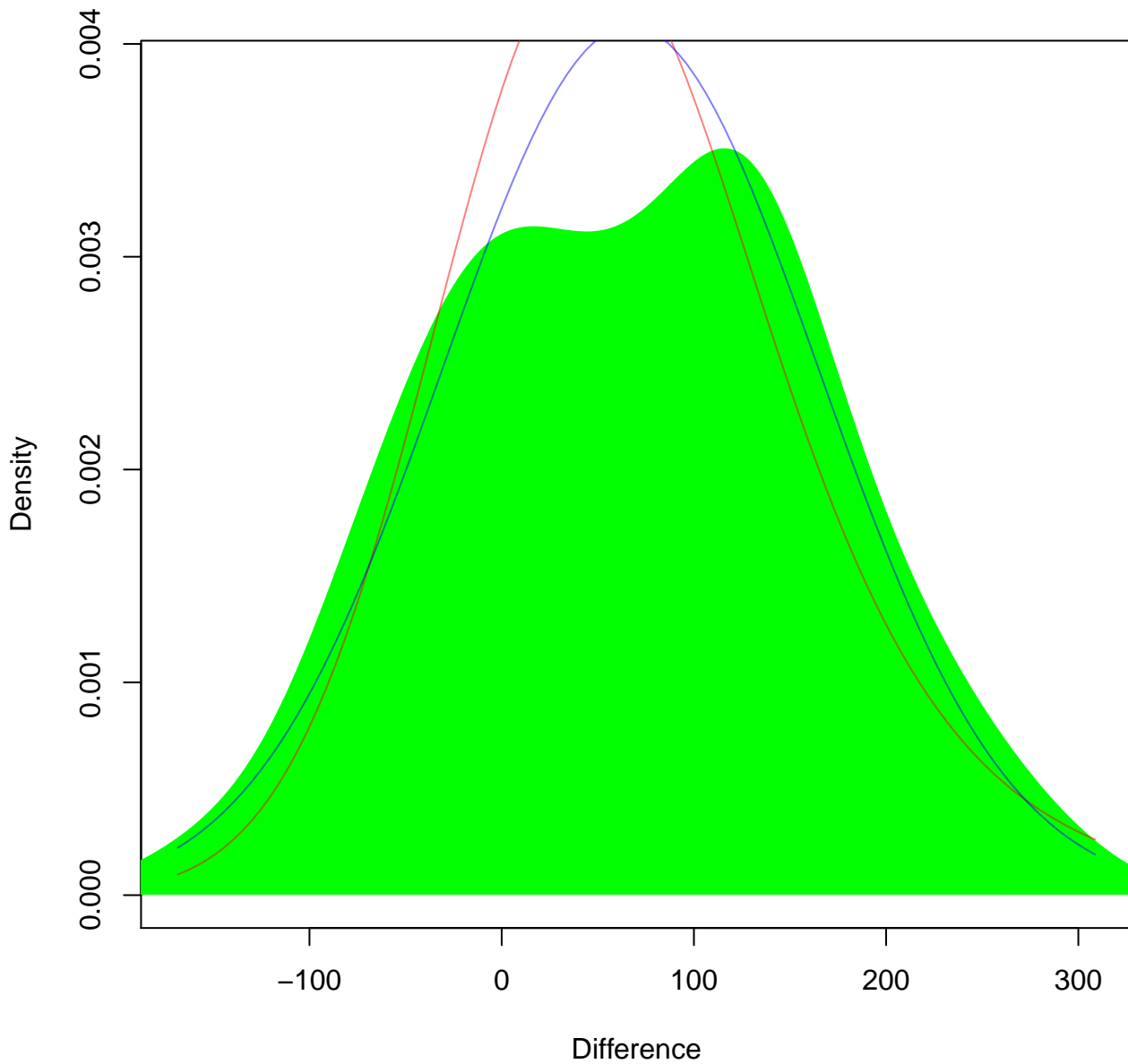
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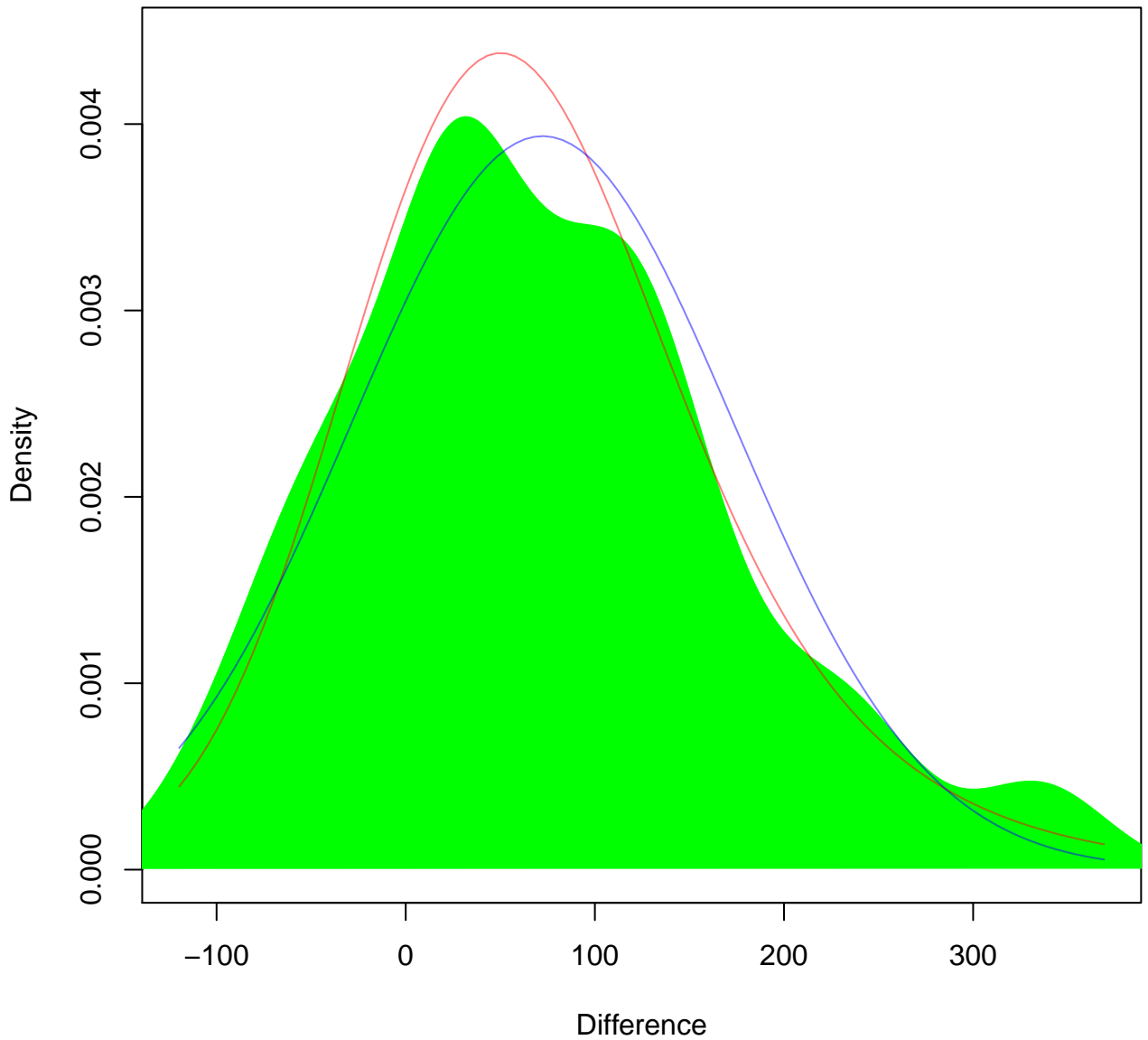
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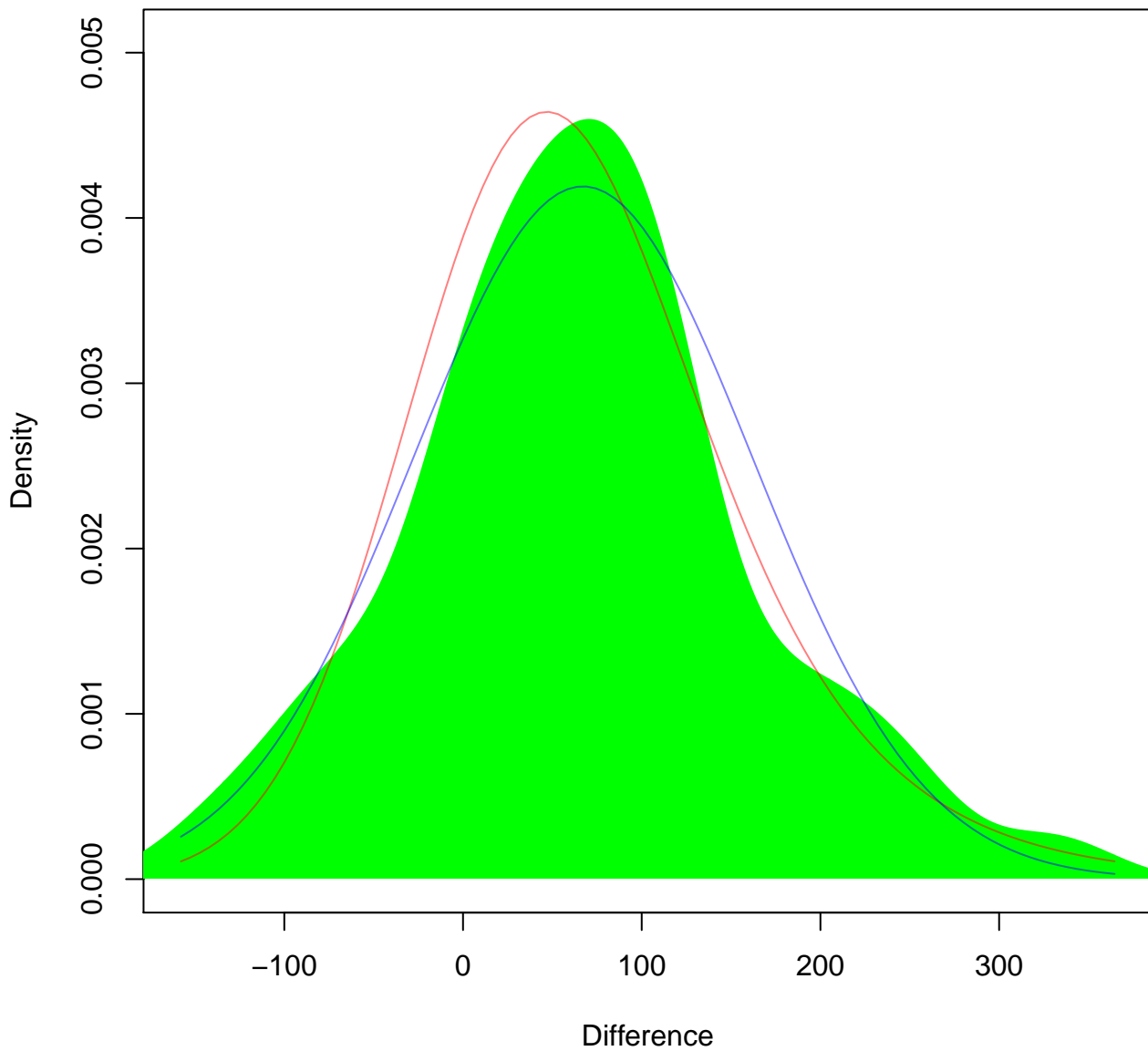
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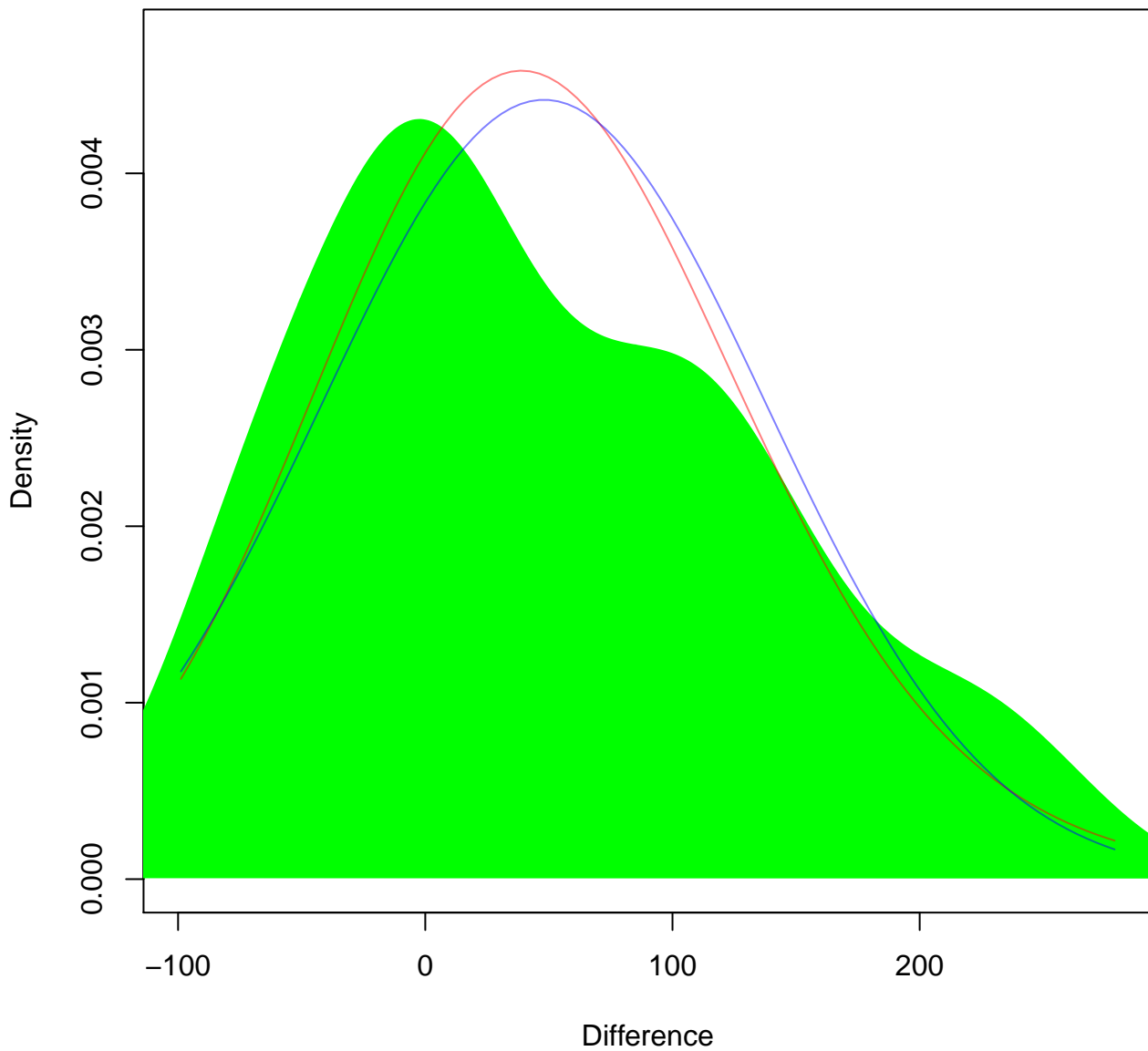
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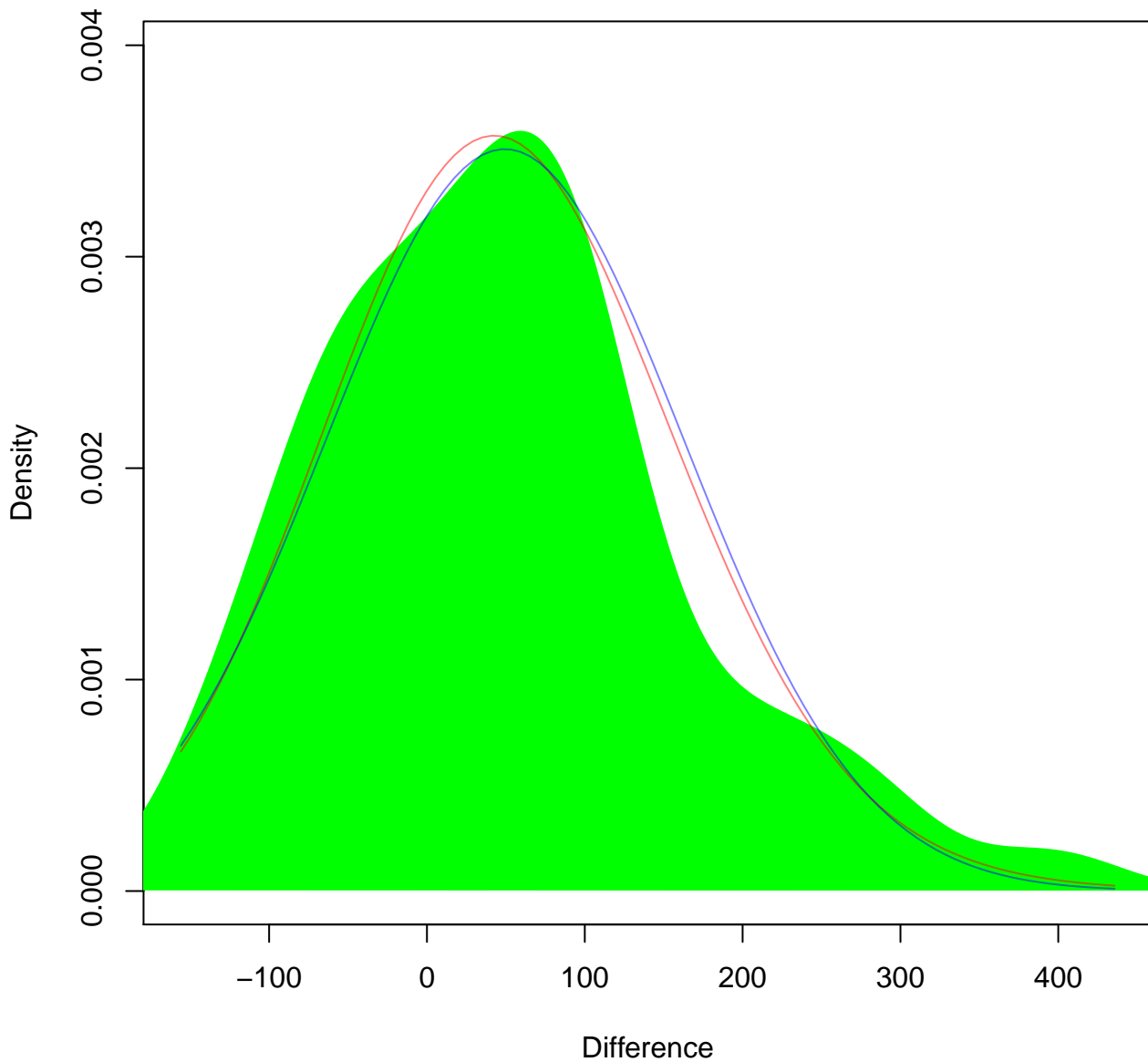
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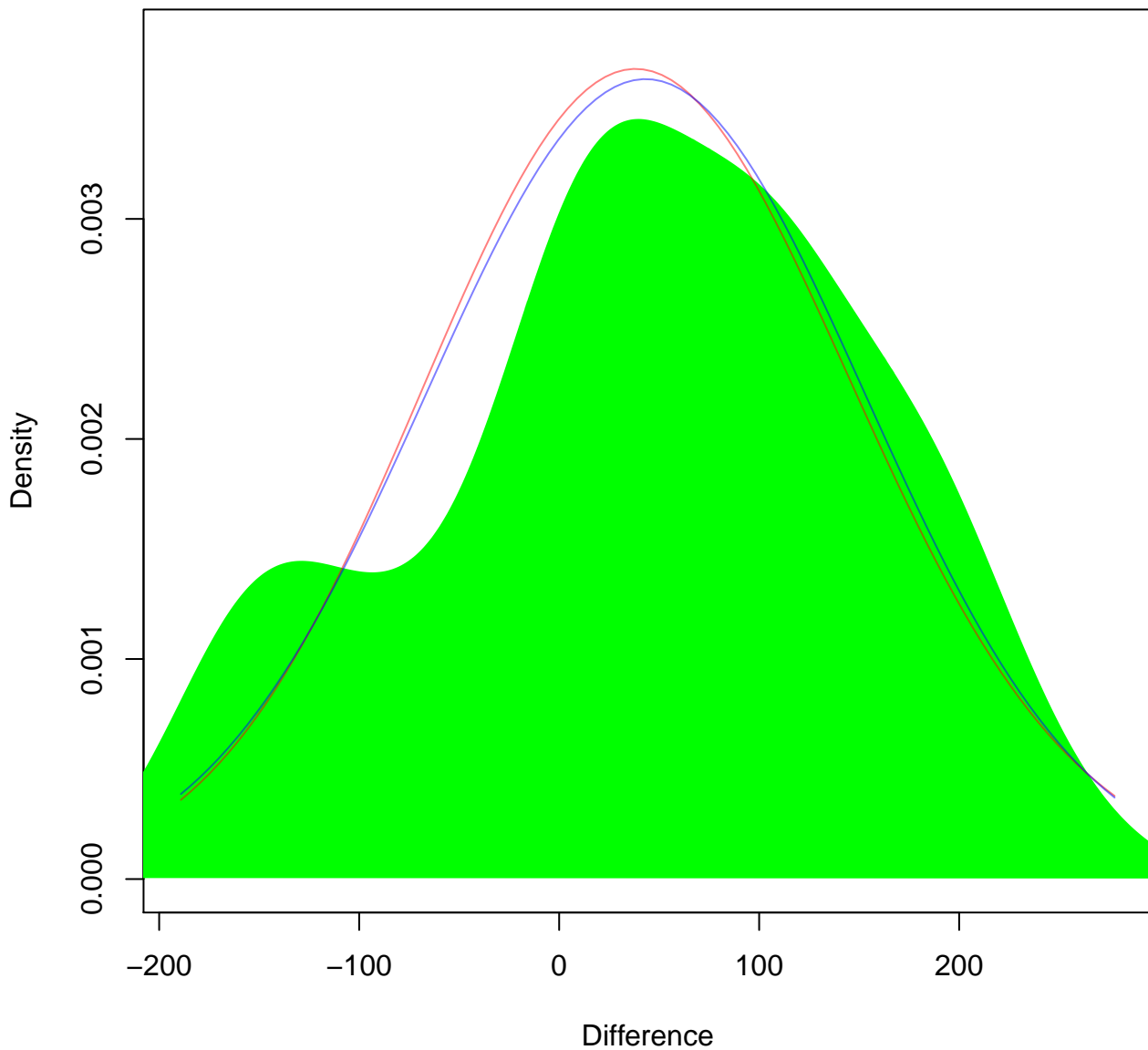
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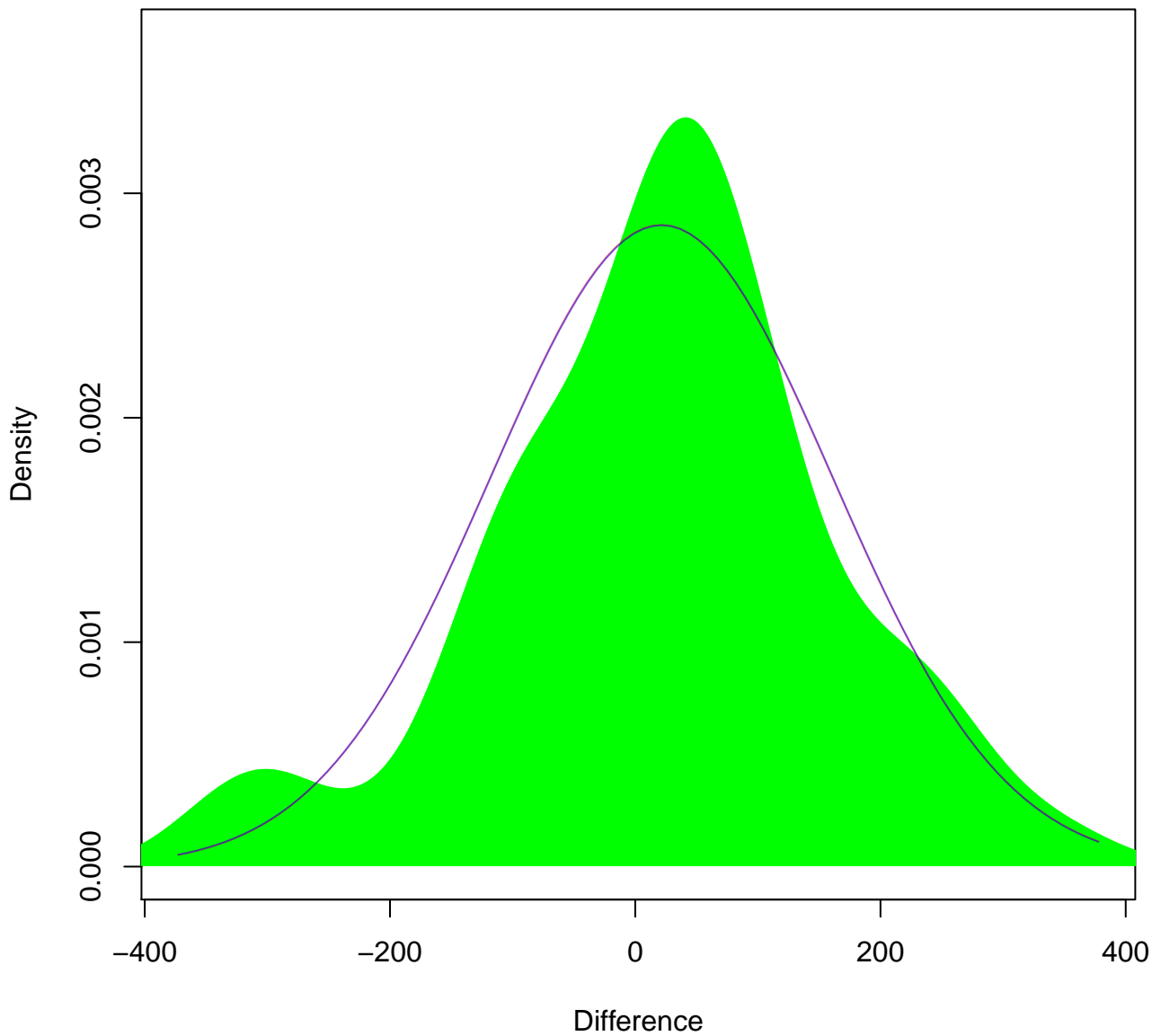
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Overall

