

A boxplot showing the distribution of the number of children per family, categorized by sex (0 for female, 1 for male, 2 for unknown). The y-axis represents the number of children, ranging from 0 to 10. The x-axis shows the categories 0, 1, and 2. The box for females (0) is red, for males (1) is green, and for unknown (2) is blue. The female distribution is centered around 4-5 children, the male distribution around 4-5 children, and the unknown distribution is centered around 0 children.

# Genotype

A scatter plot showing the relationship between the Allelic ratio (x-axis) and the Phased allelic ratio (y-axis) for 1000 Genomes data. The x-axis ranges from 0.00 to 1.00, and the y-axis ranges from 0.00 to 1.00. Data points are labeled with numbers 1 through 5, representing different alleles. The points are colored: 1 (pink), 2 (teal), 3 (green), 4 (purple), and 5 (orange). The points are clustered around the diagonal line (y=x), indicating a high degree of correlation between the allelic ratio and the phased allelic ratio.

Allele	Allelic ratio (x)	Phased allelic ratio (y)
1	0.00	0.80
2	0.10	0.30
3	0.00	0.55
4	0.00	0.65
5	0.05	0.60

## Phased allelic ratio

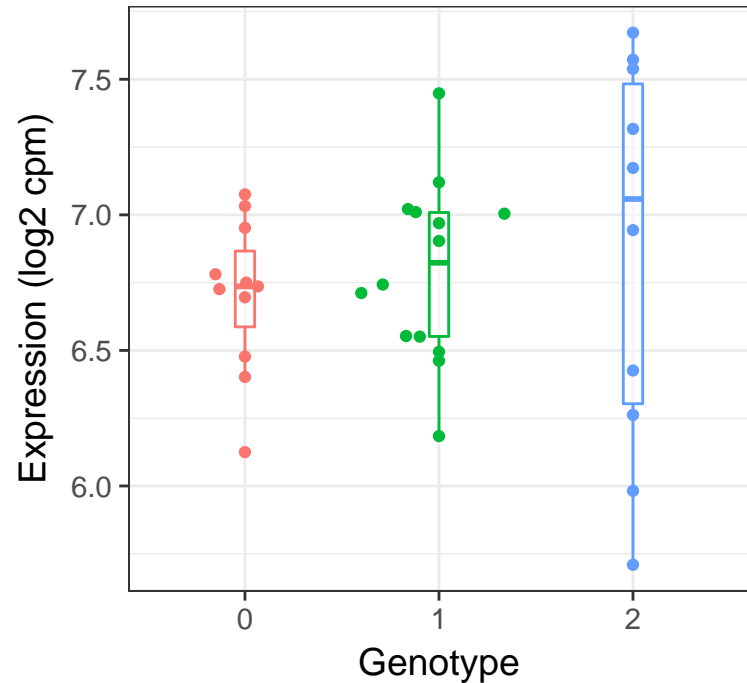
eSNP genotype

coverage

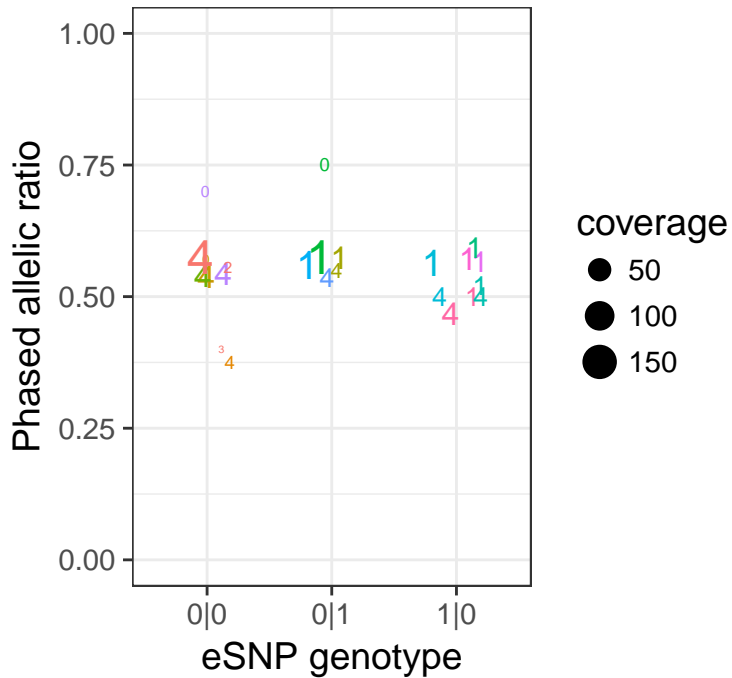
● 10

● 20

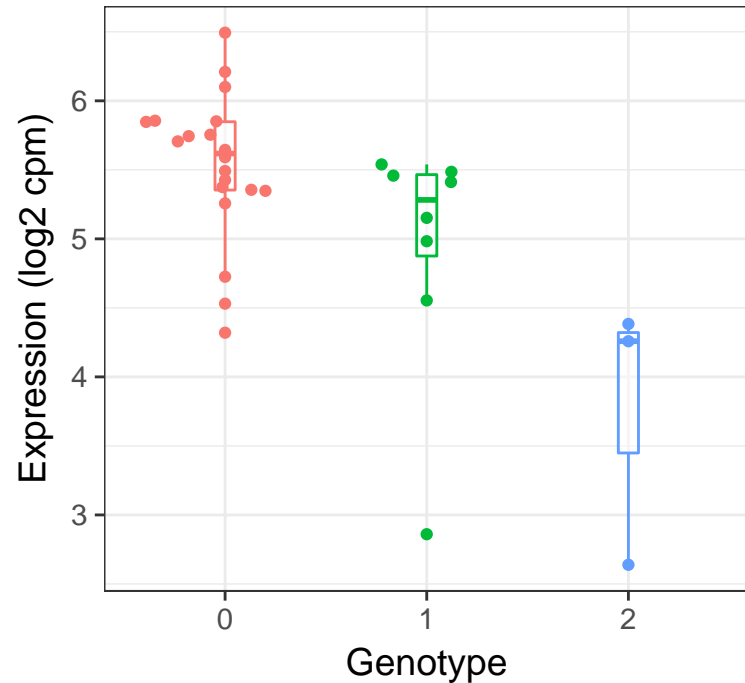
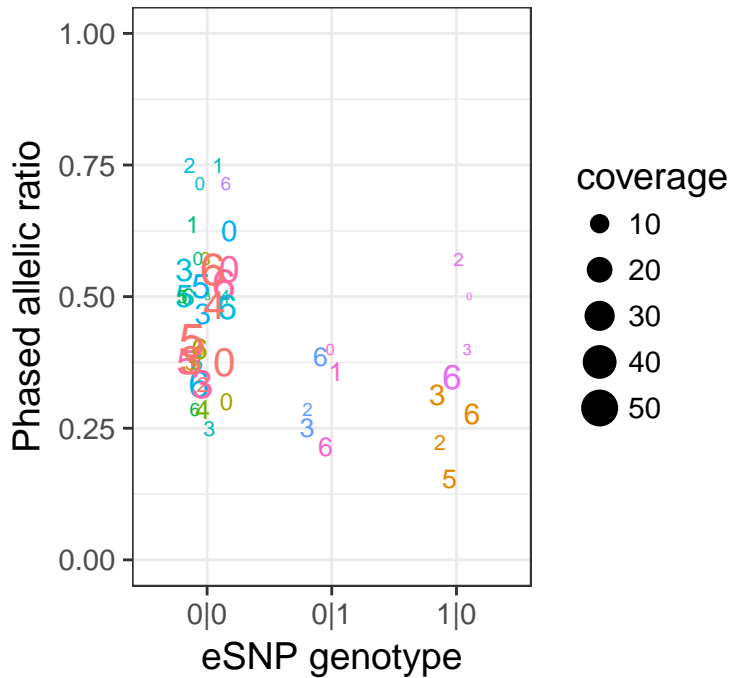
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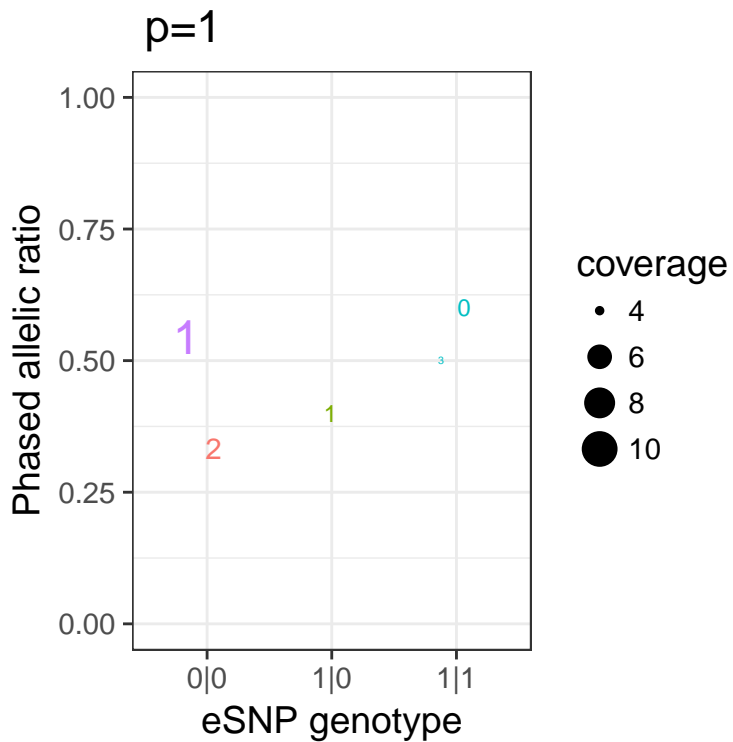
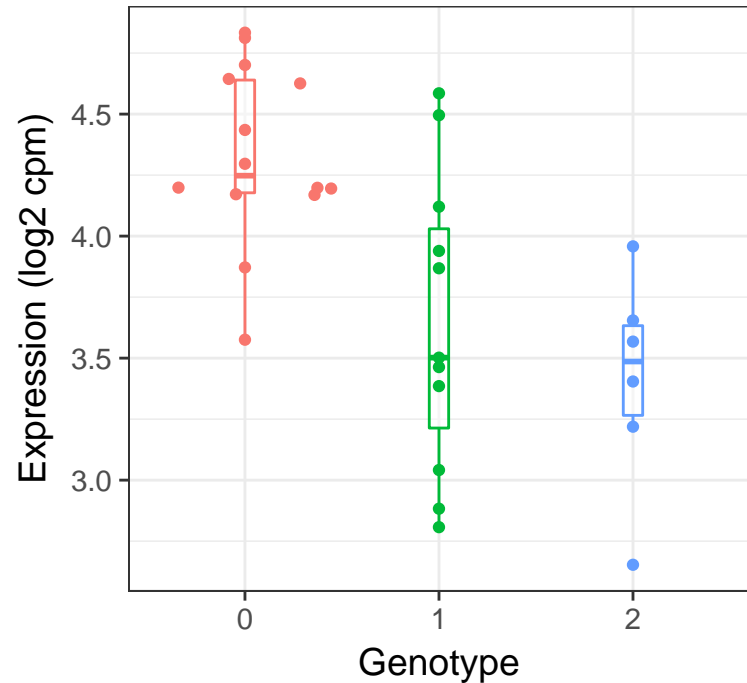
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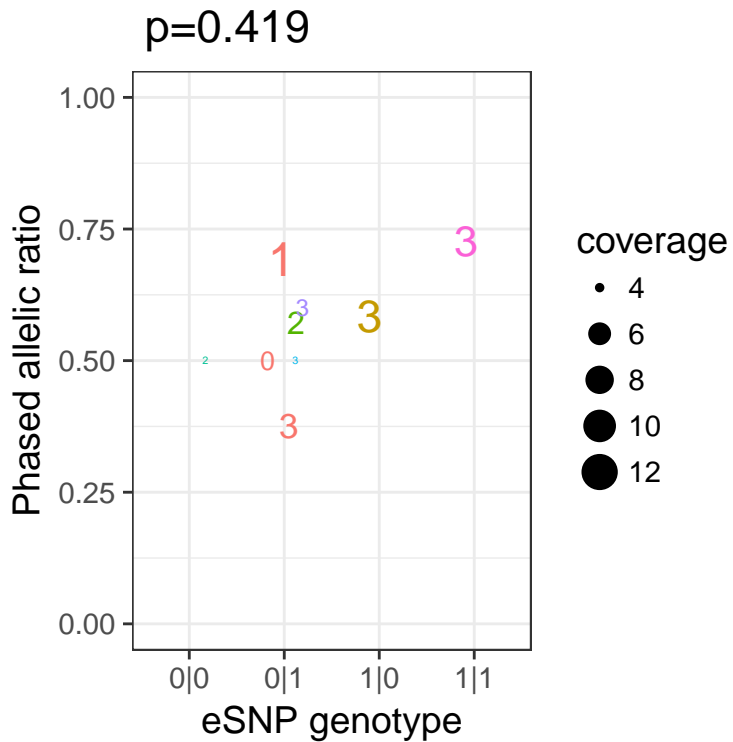
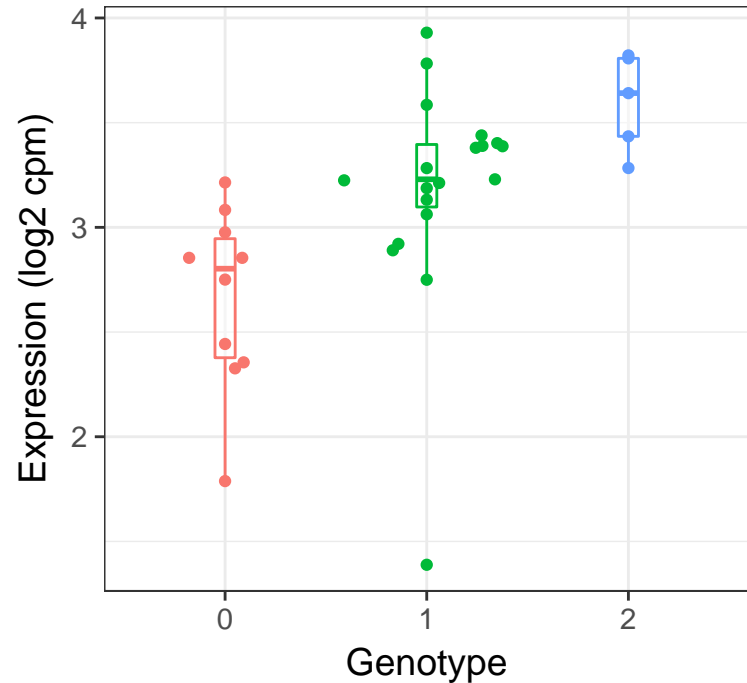
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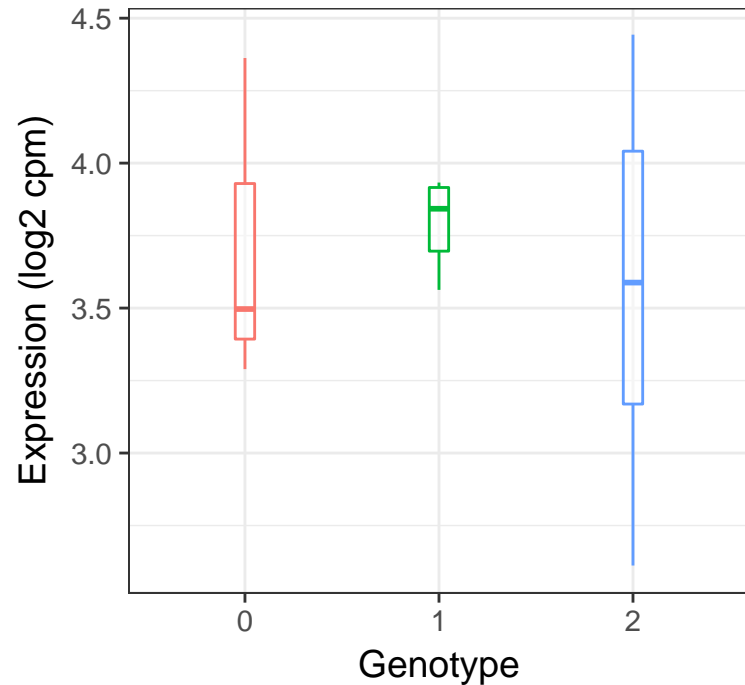
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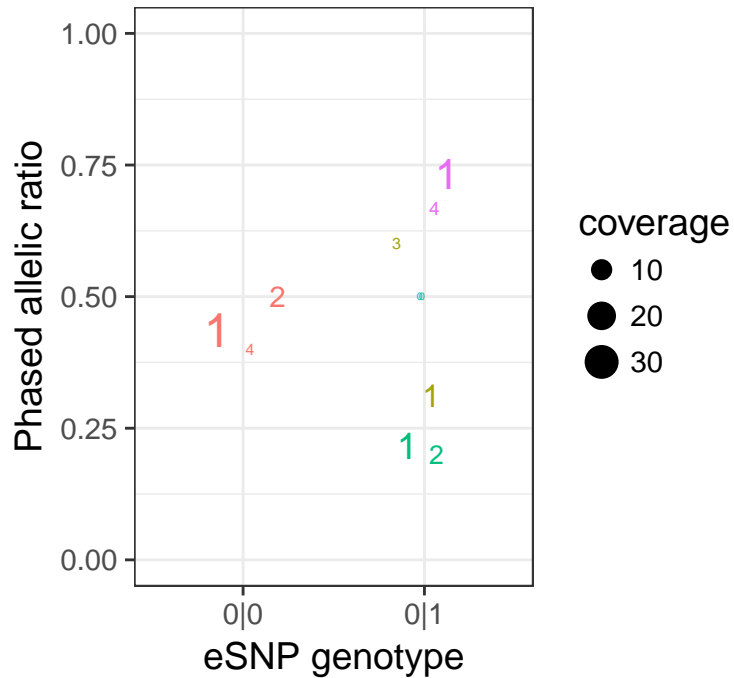
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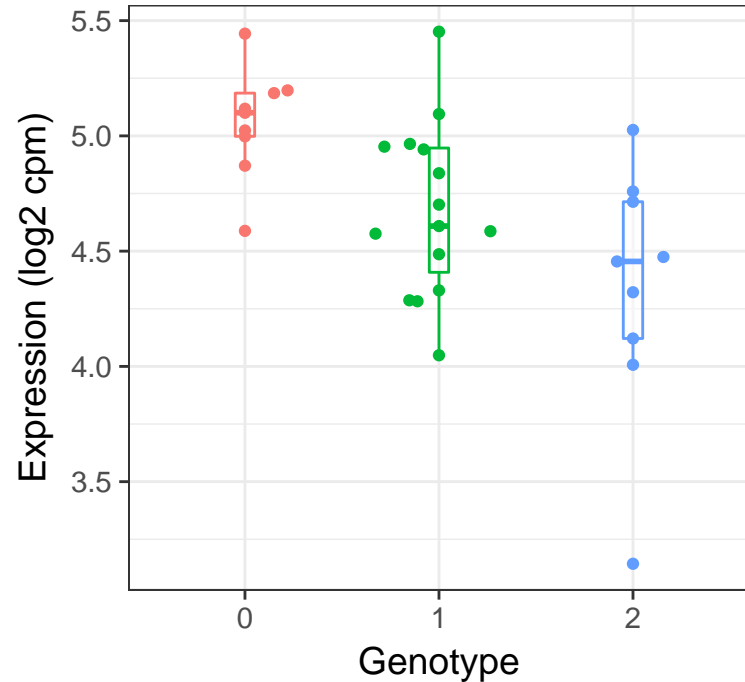
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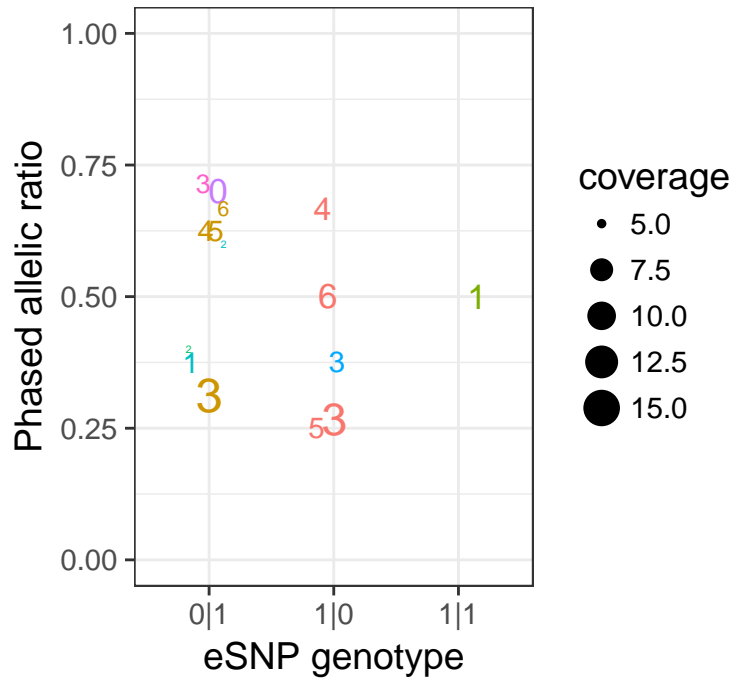
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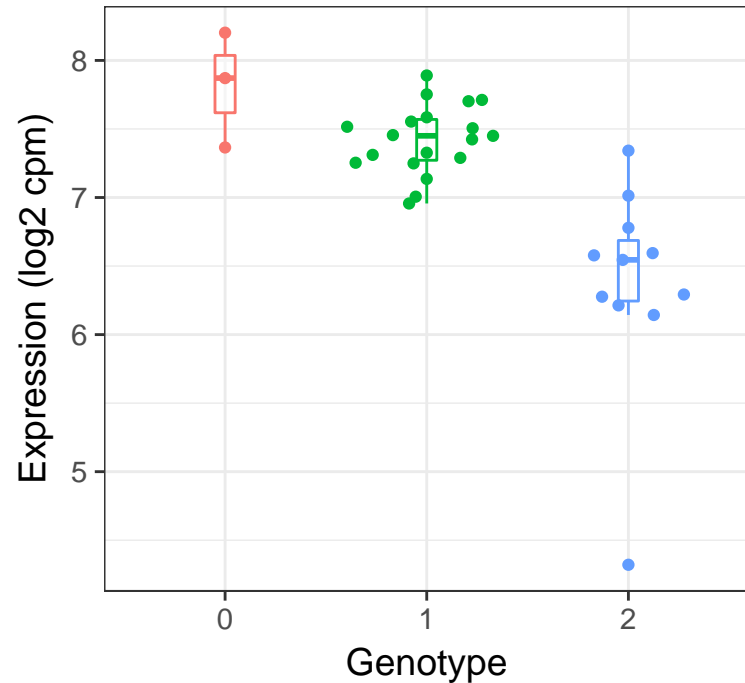
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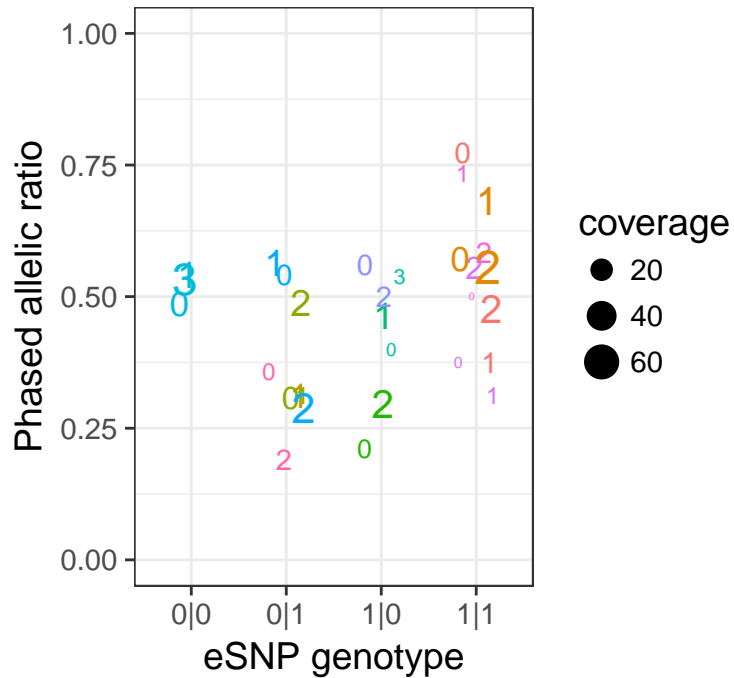
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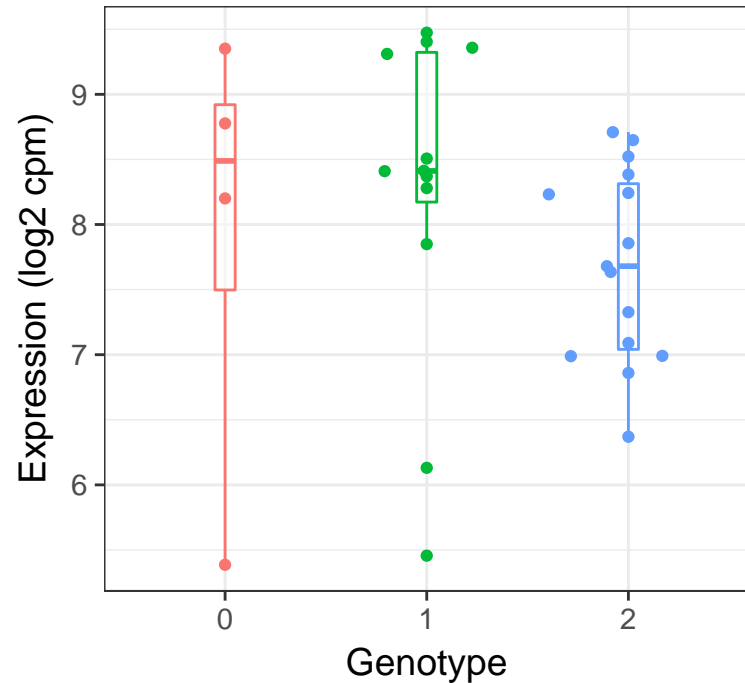


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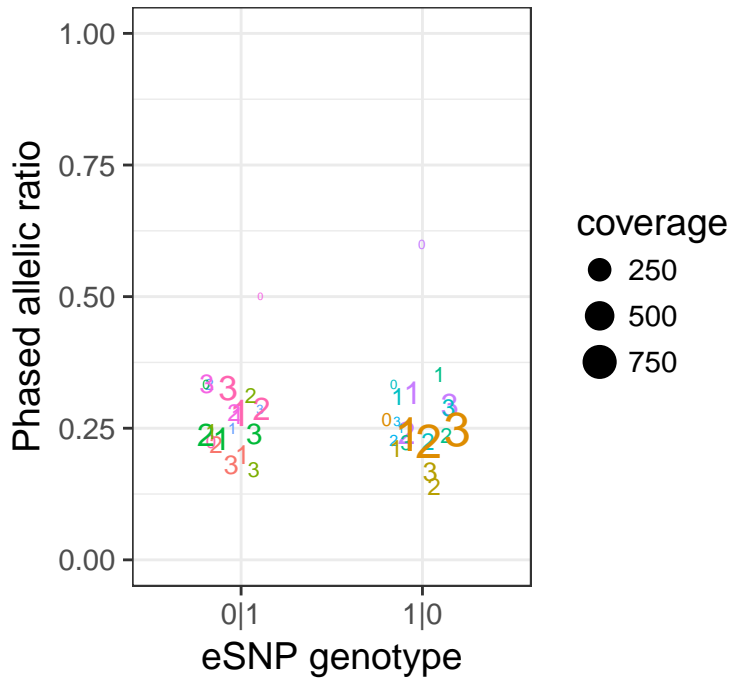




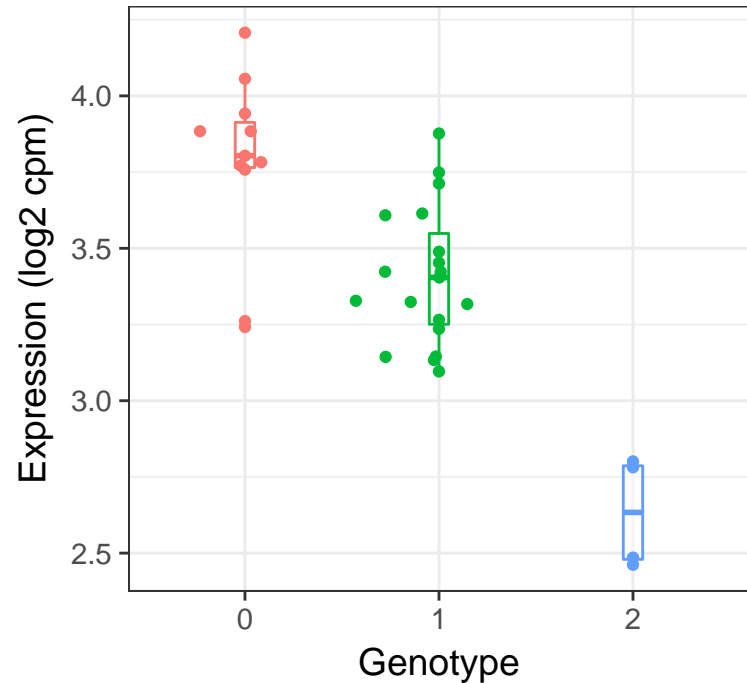
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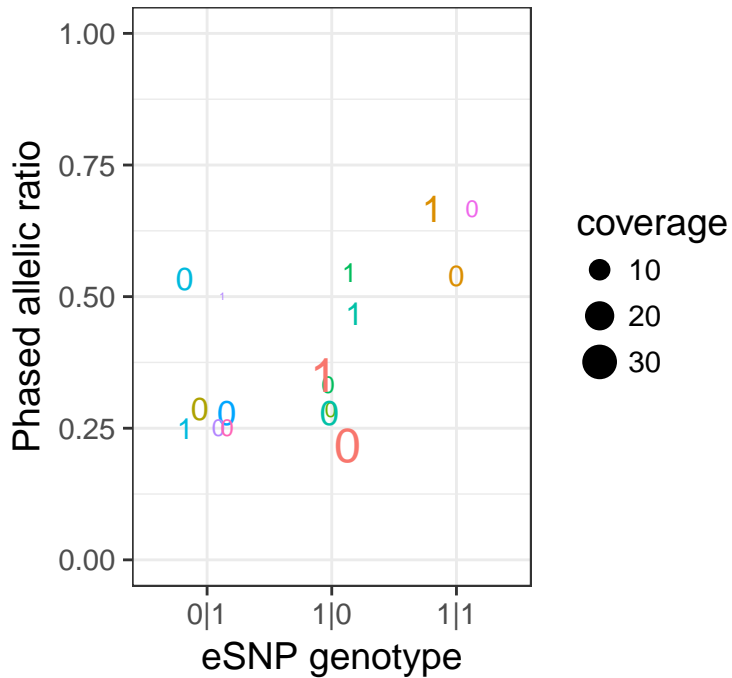
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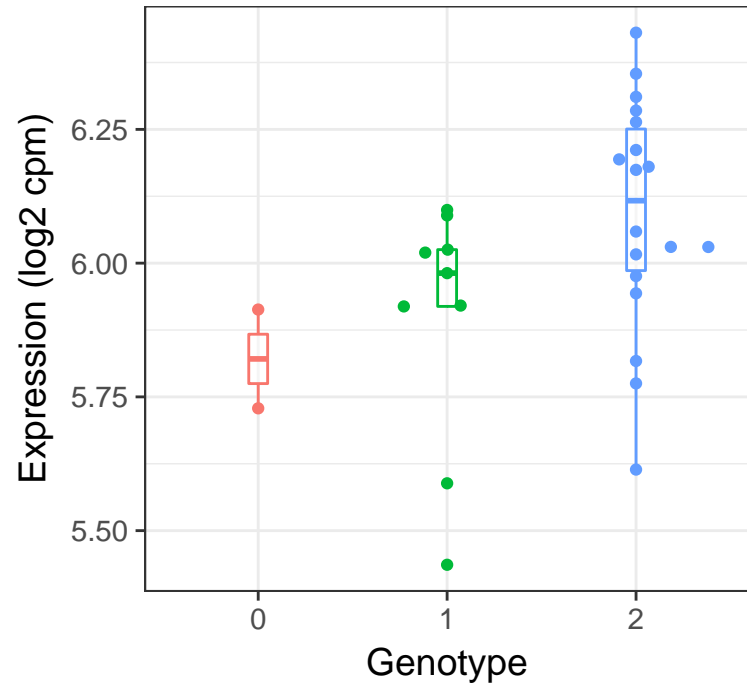
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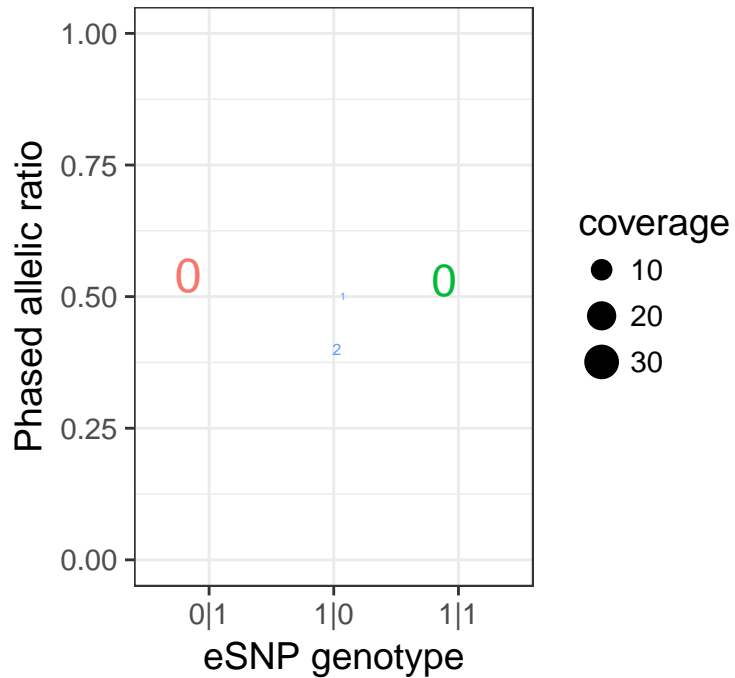
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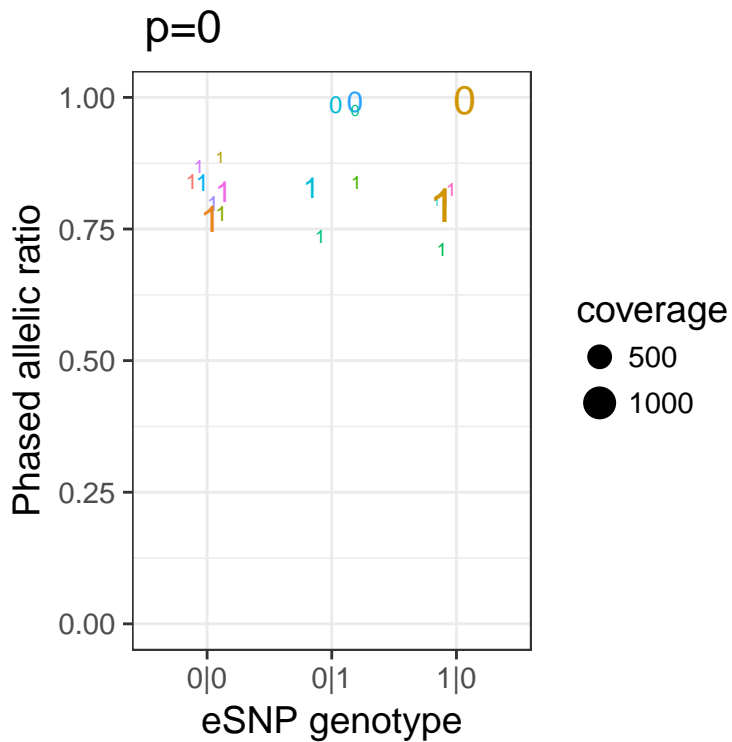
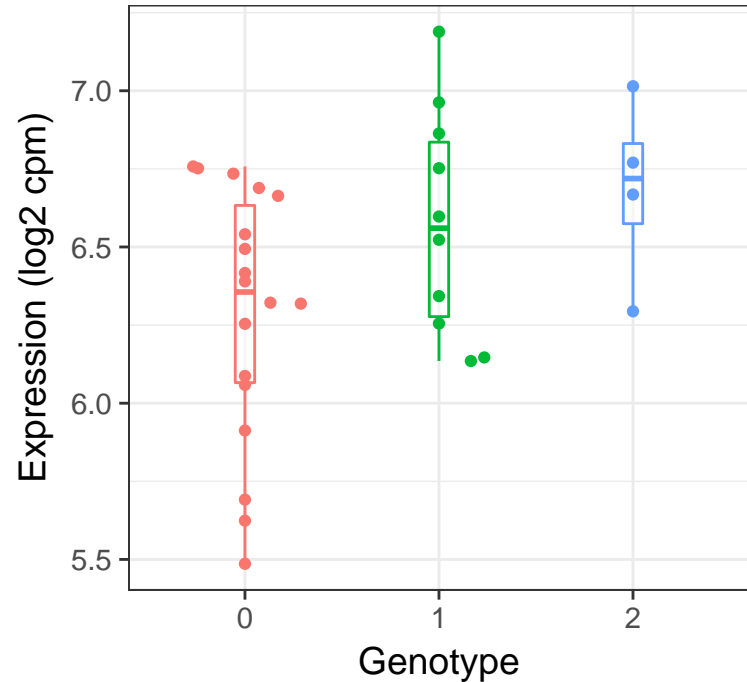
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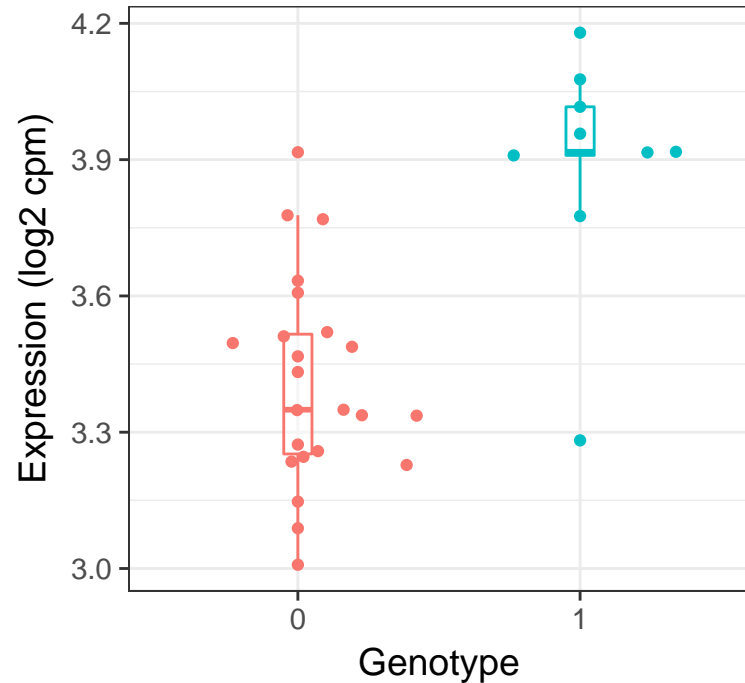
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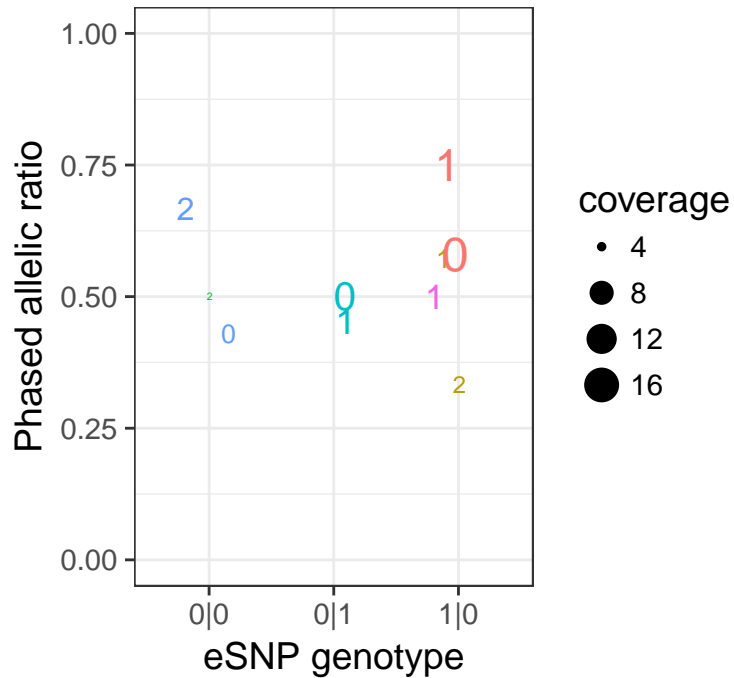
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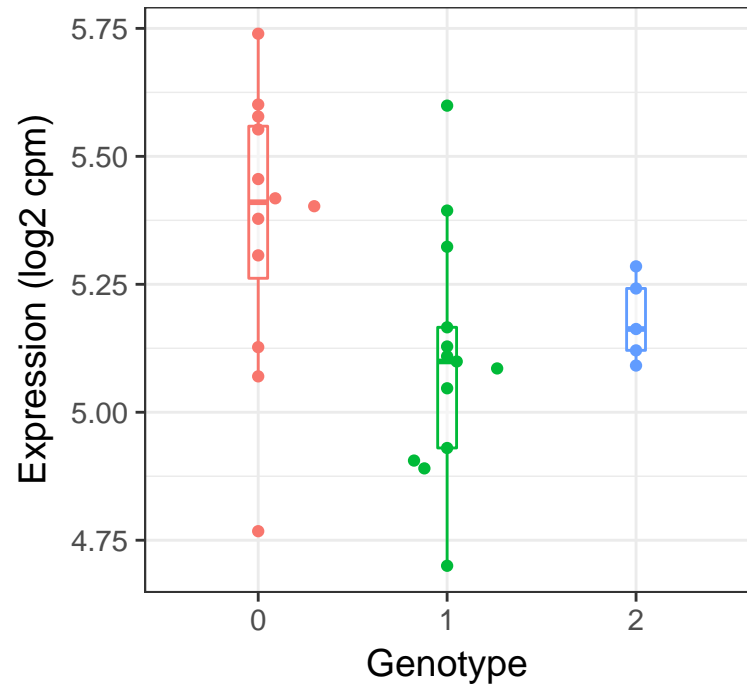
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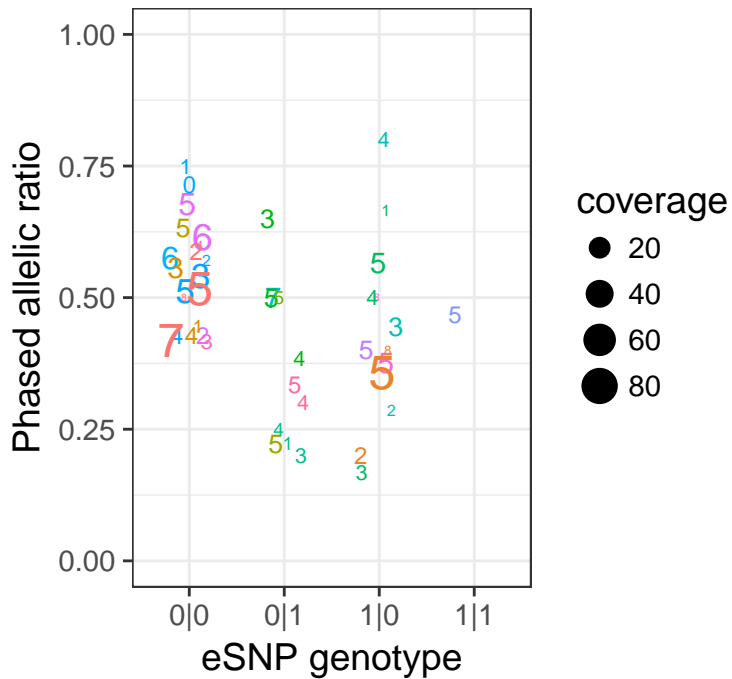
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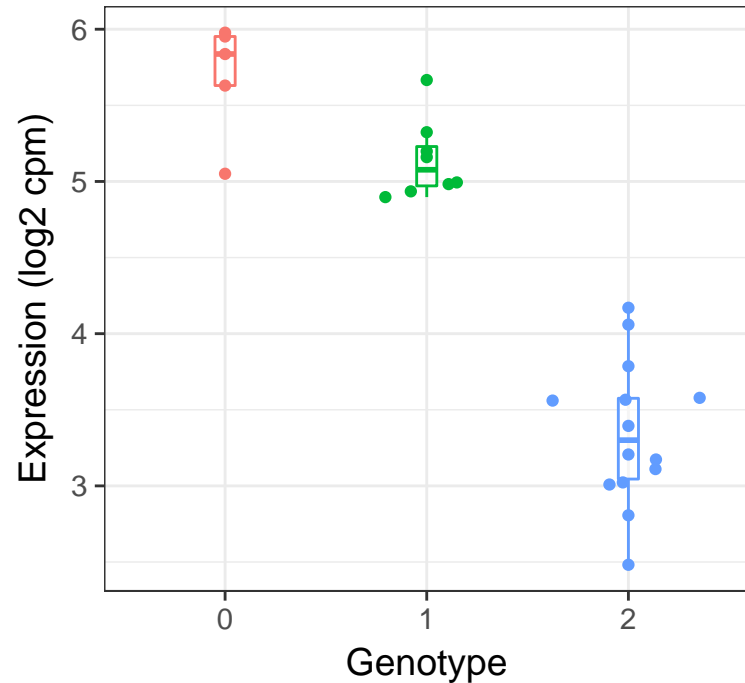
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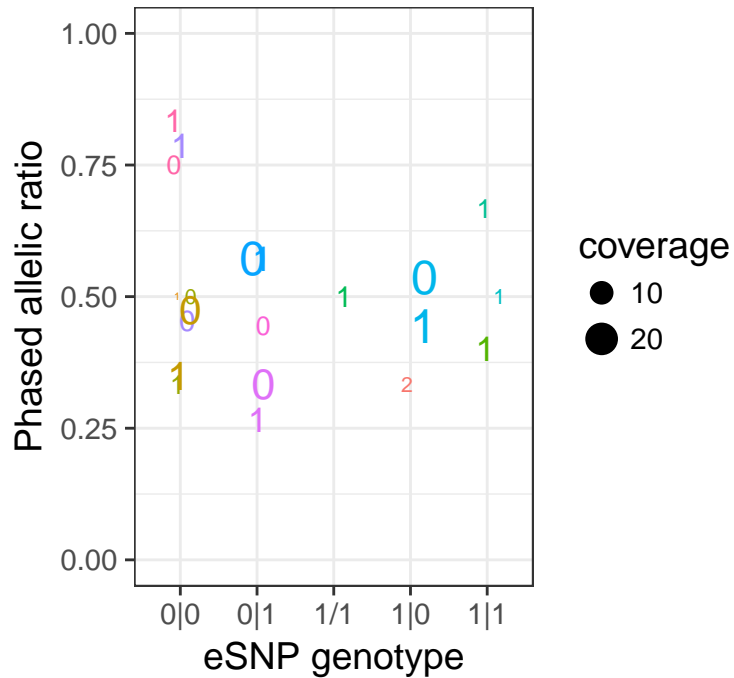
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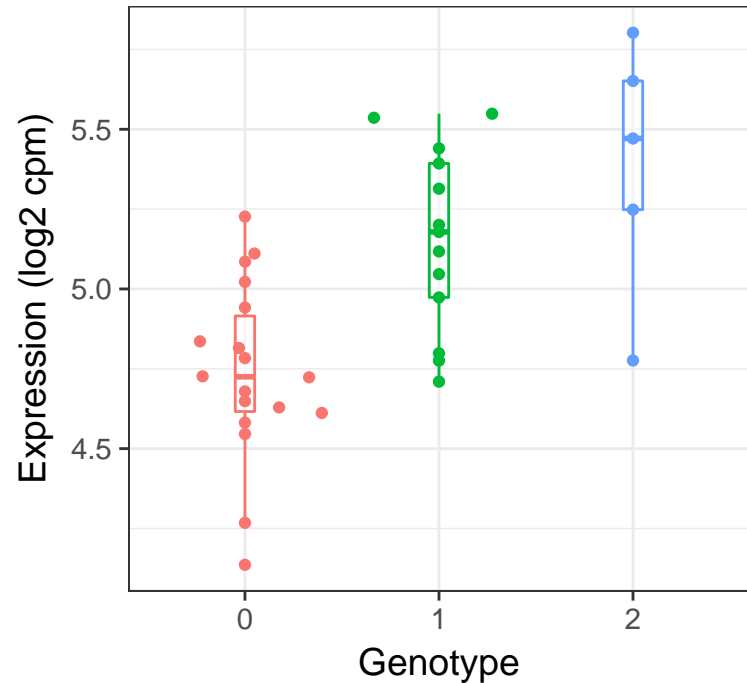
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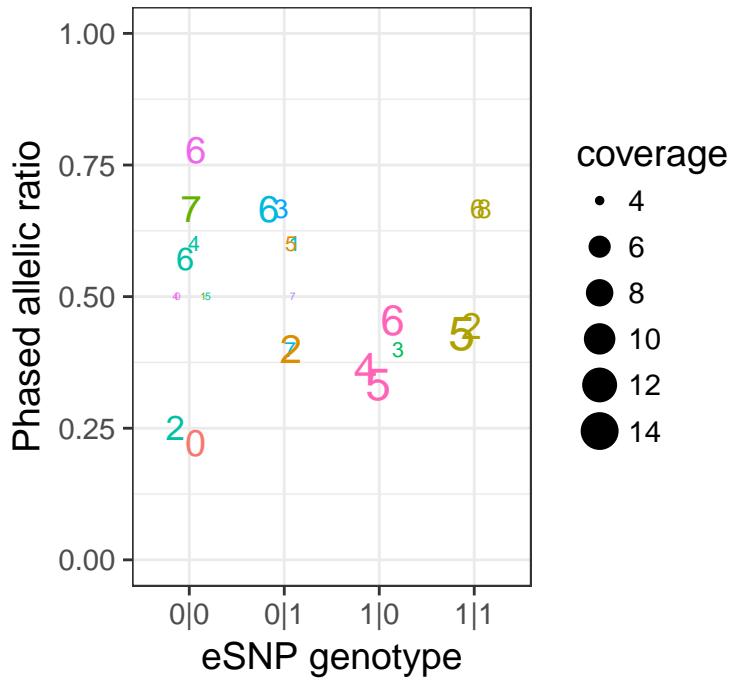
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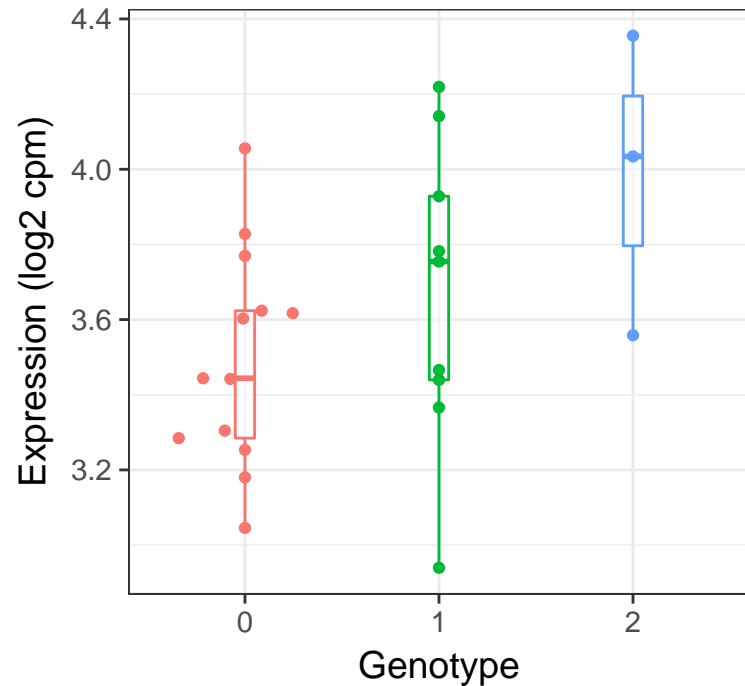


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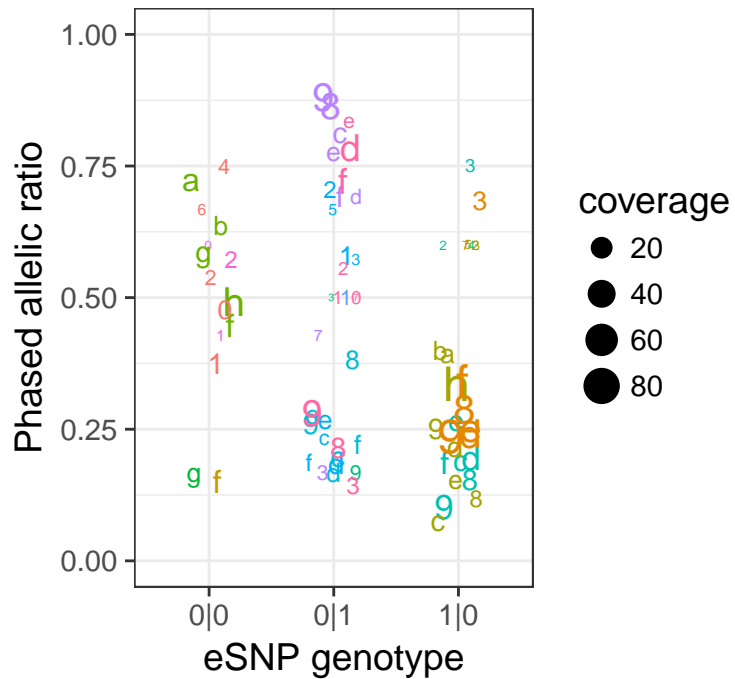




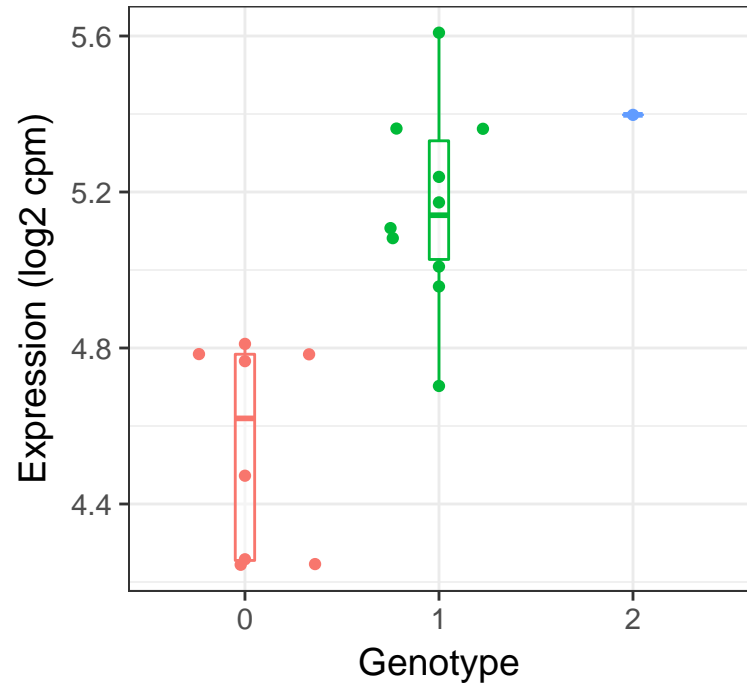
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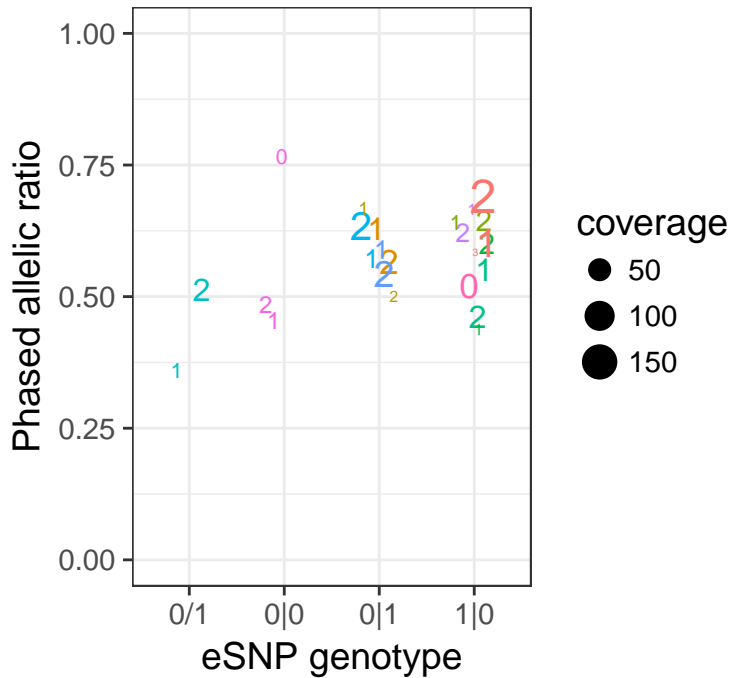
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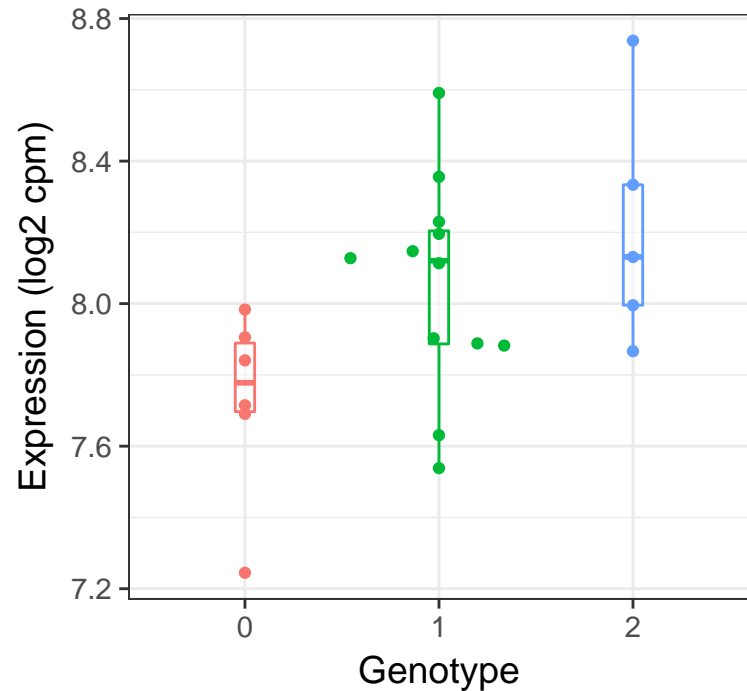
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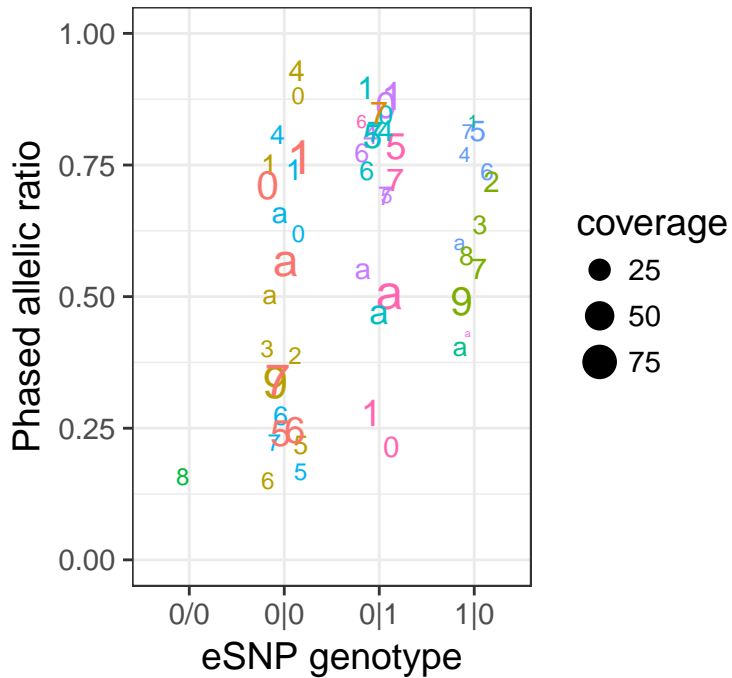
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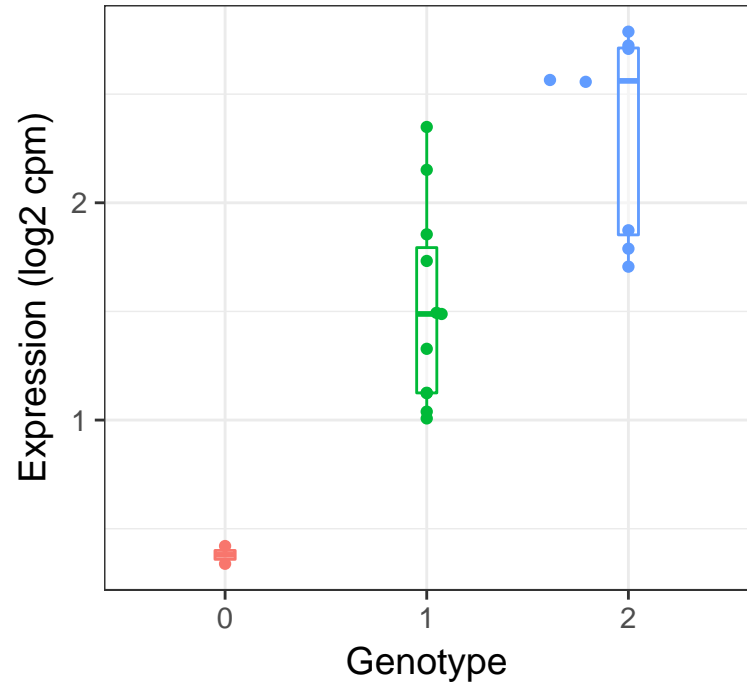
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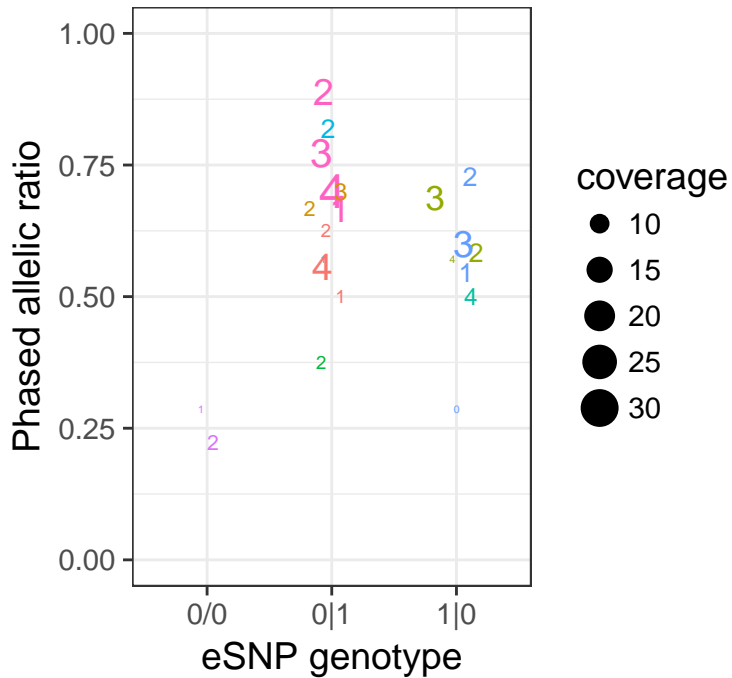
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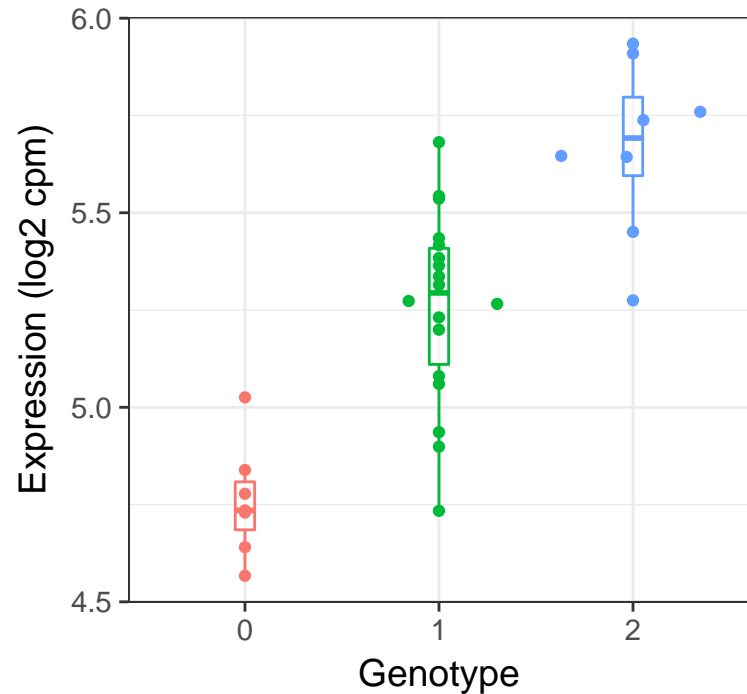
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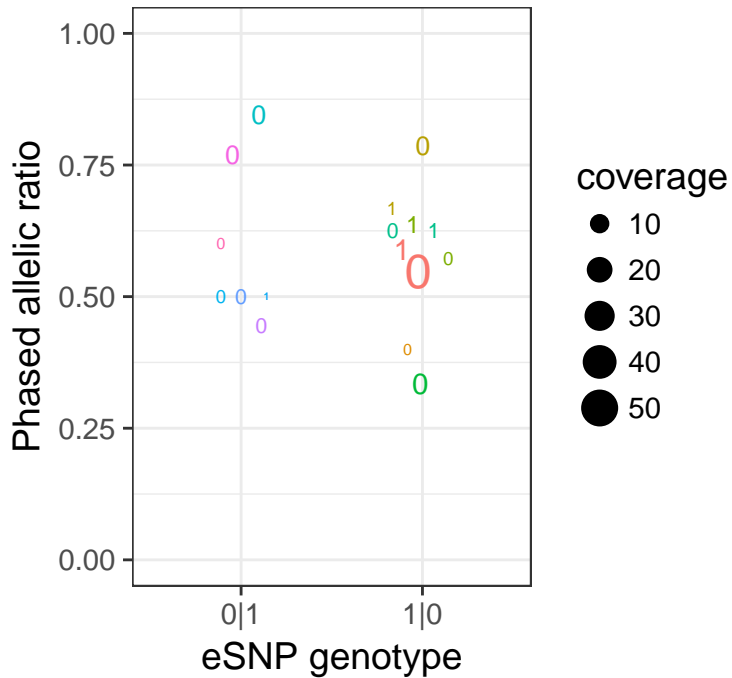
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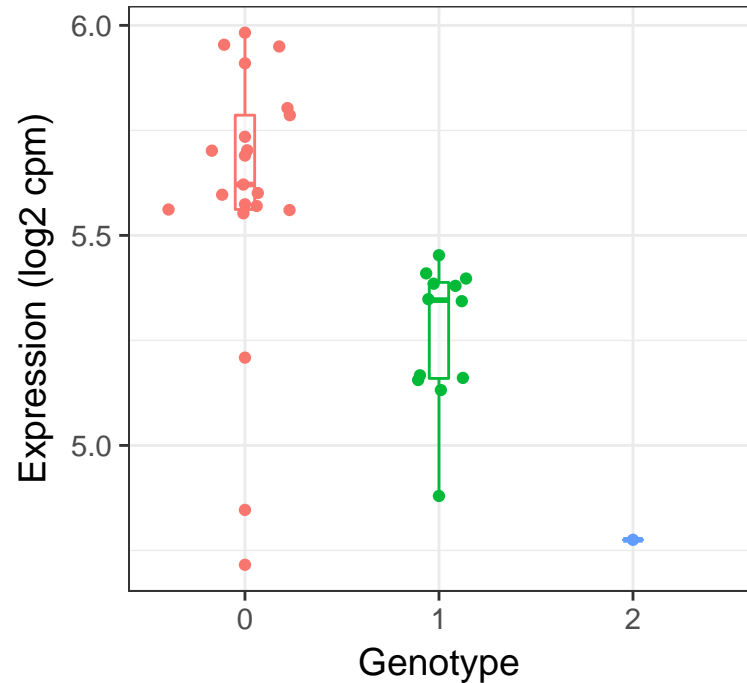


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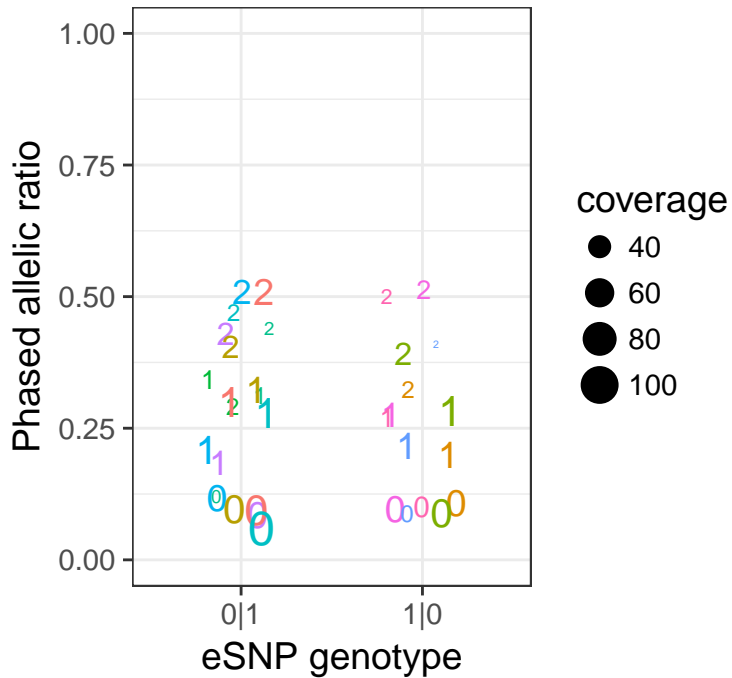




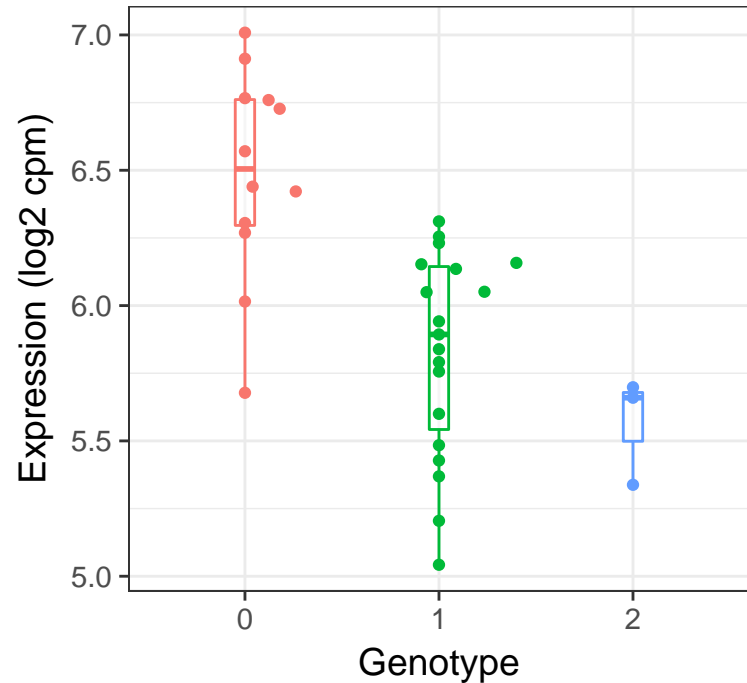
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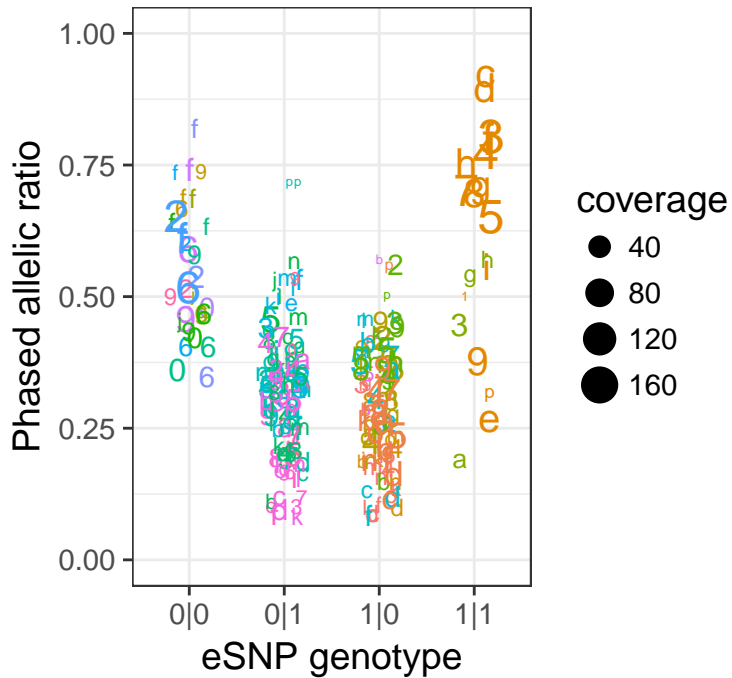
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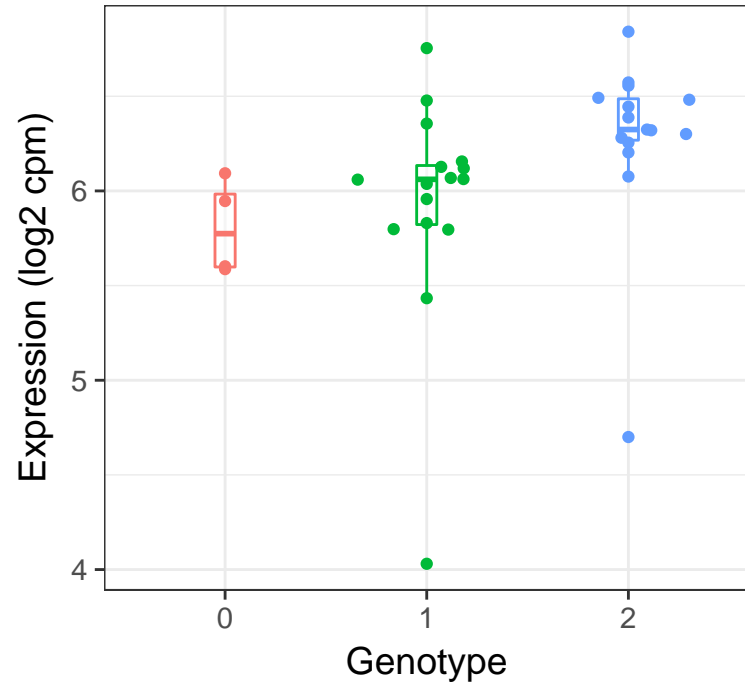


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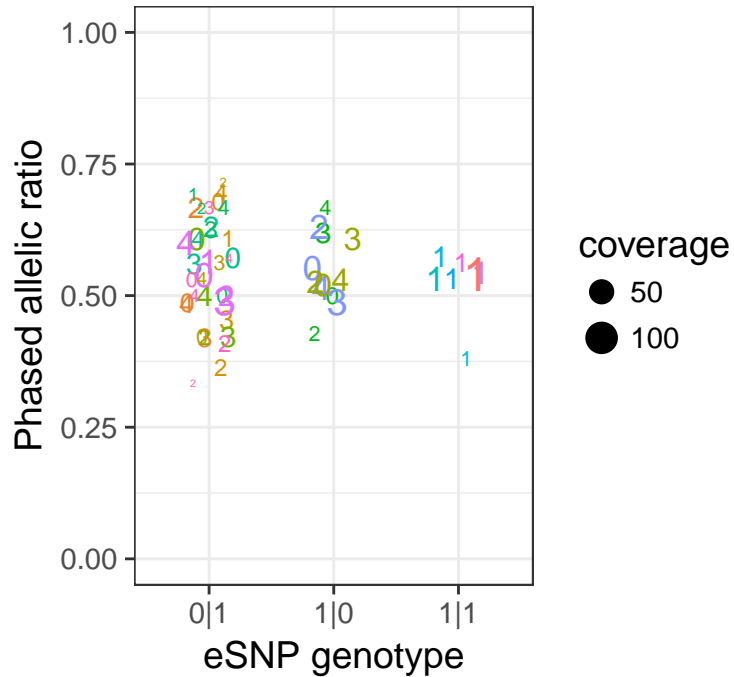




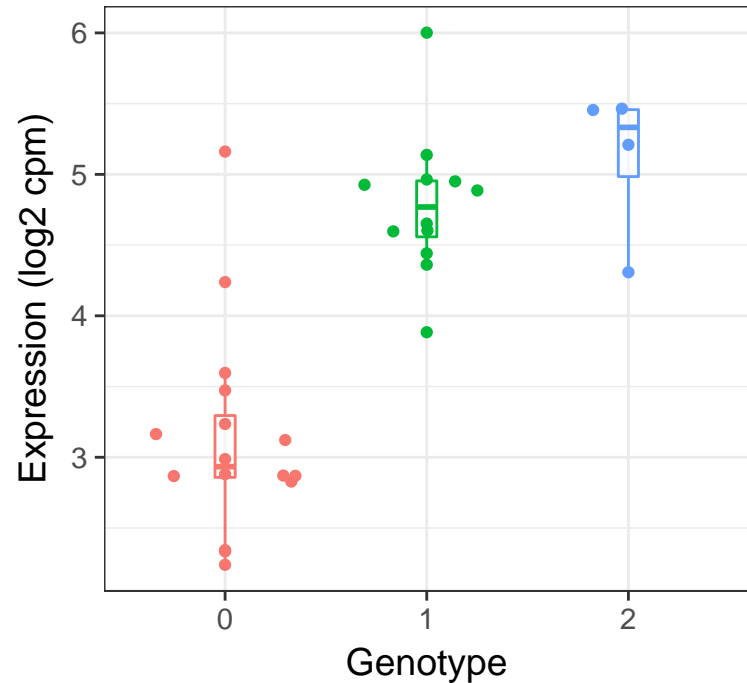
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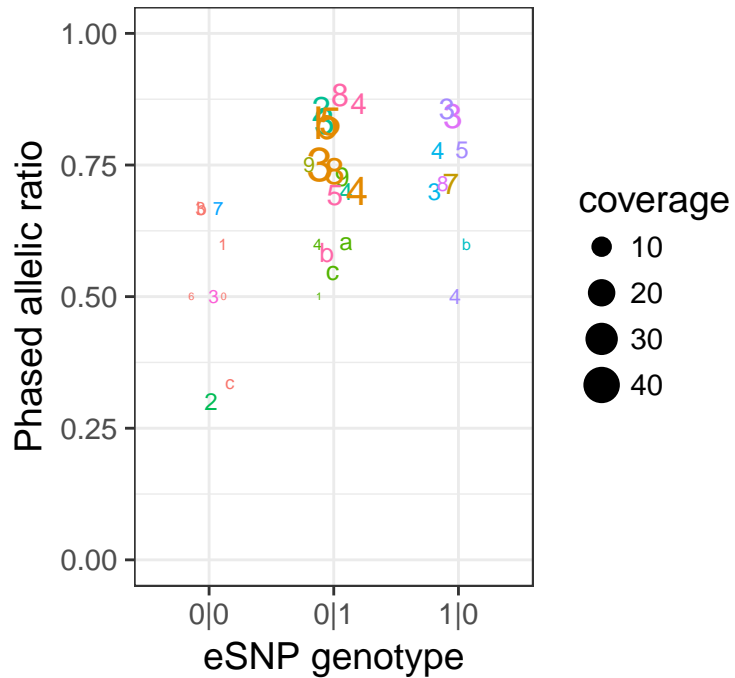
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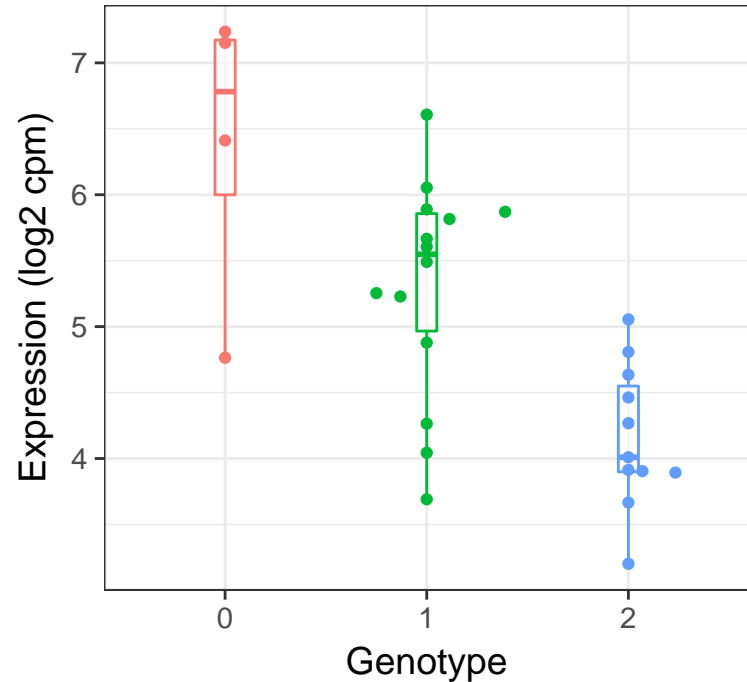
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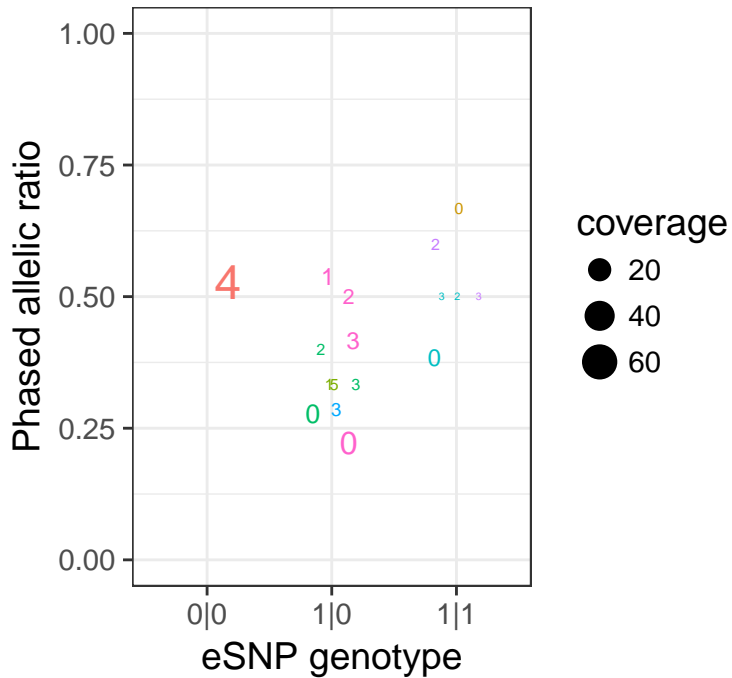
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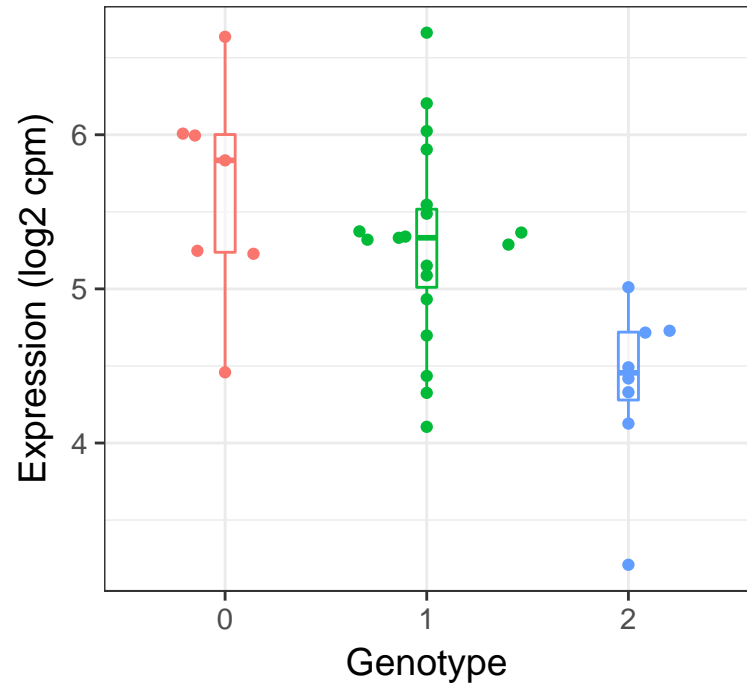
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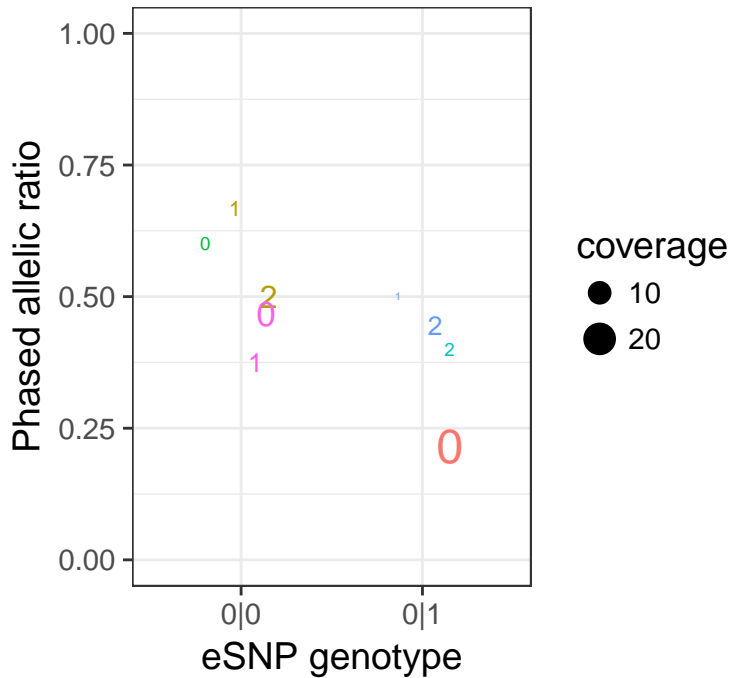
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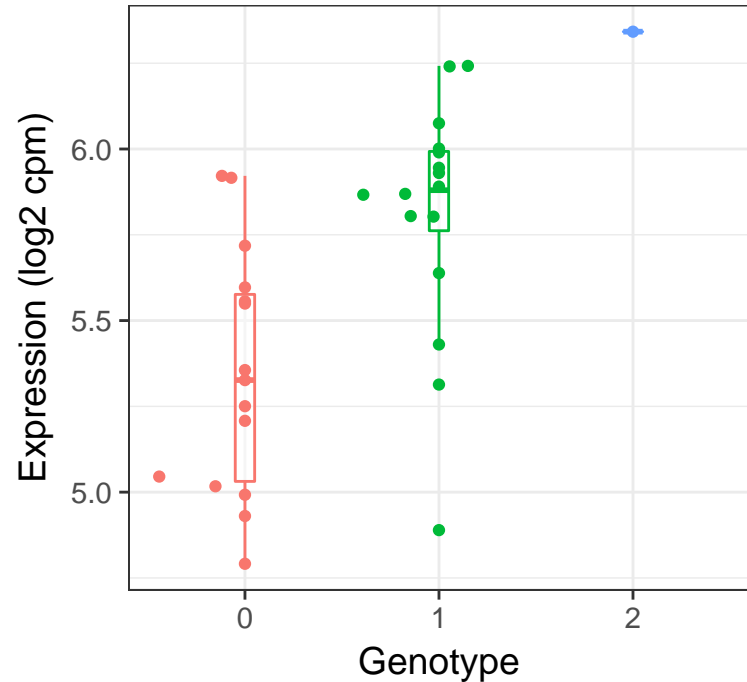
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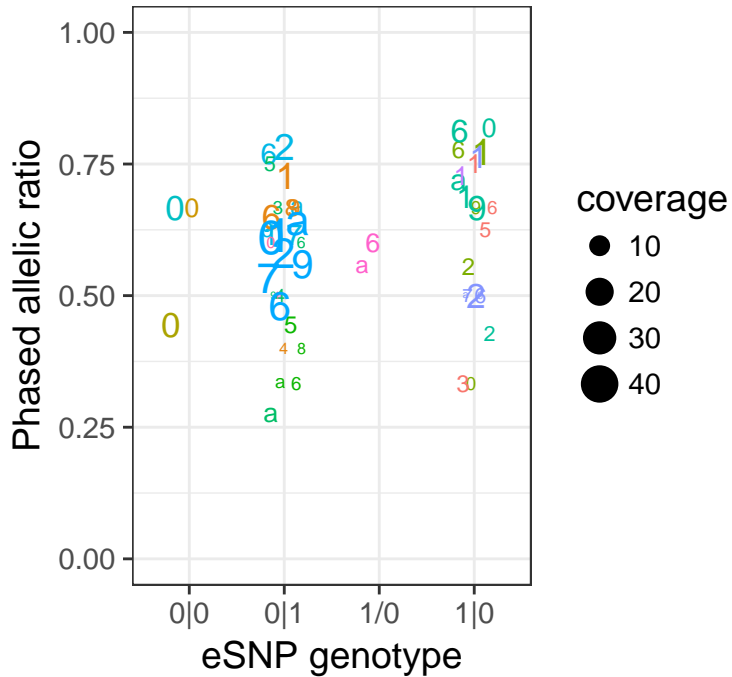
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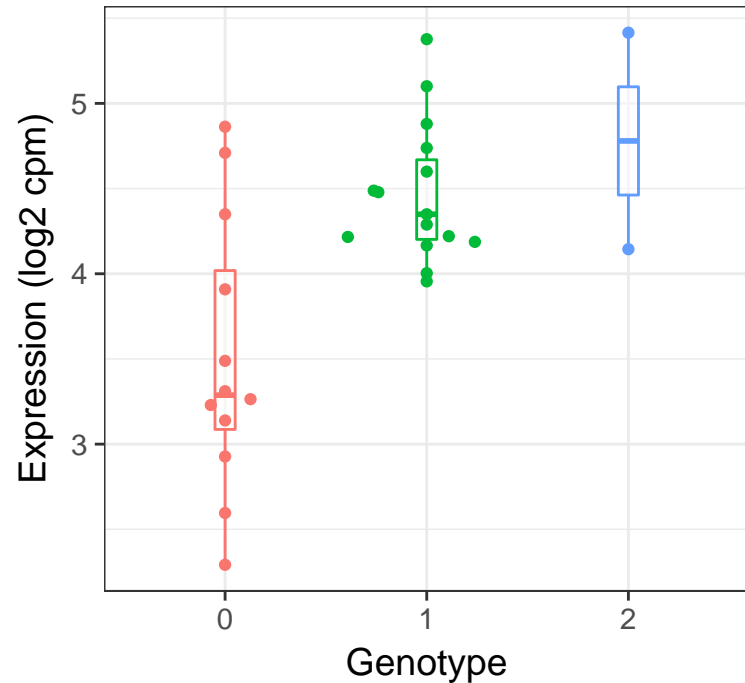
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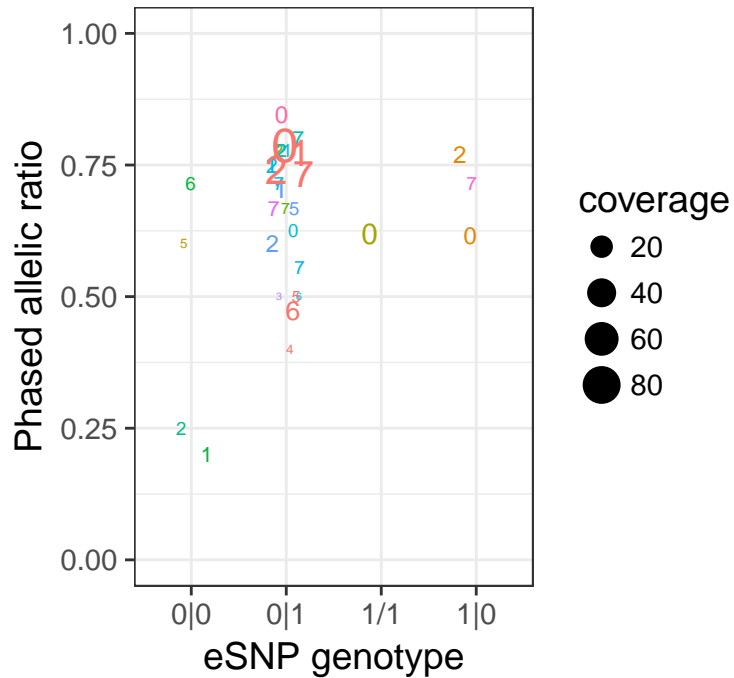
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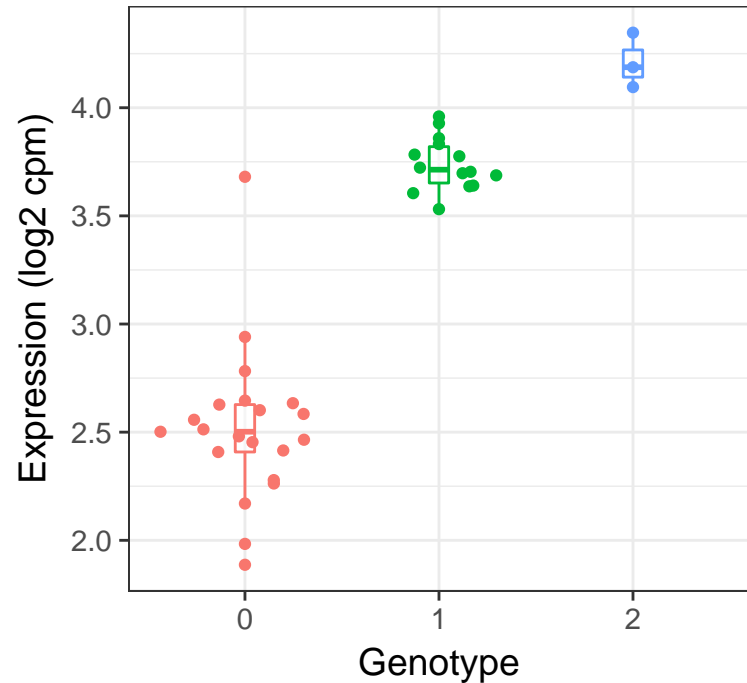
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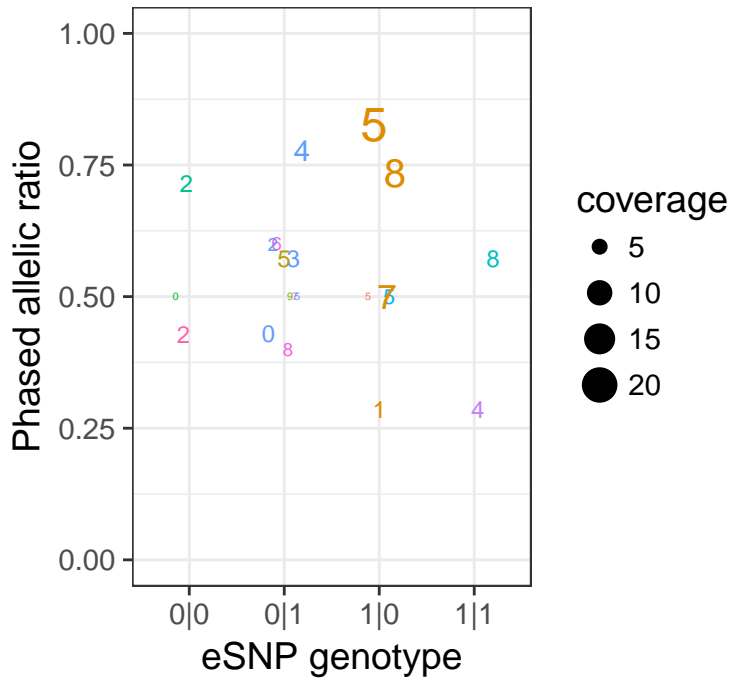
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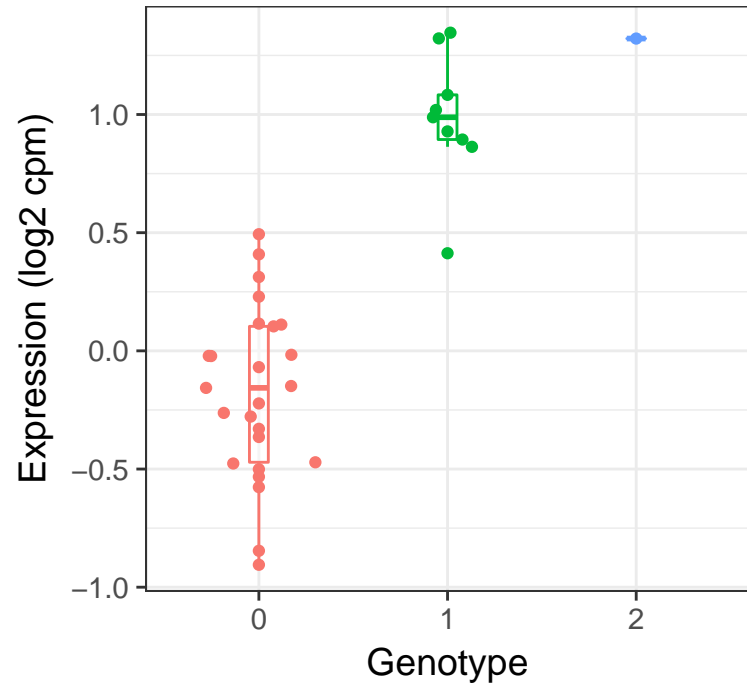
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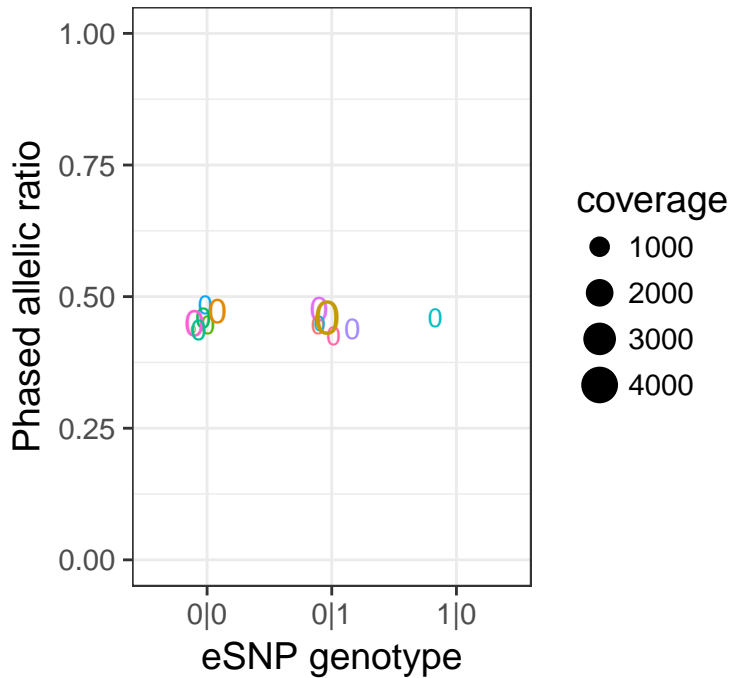
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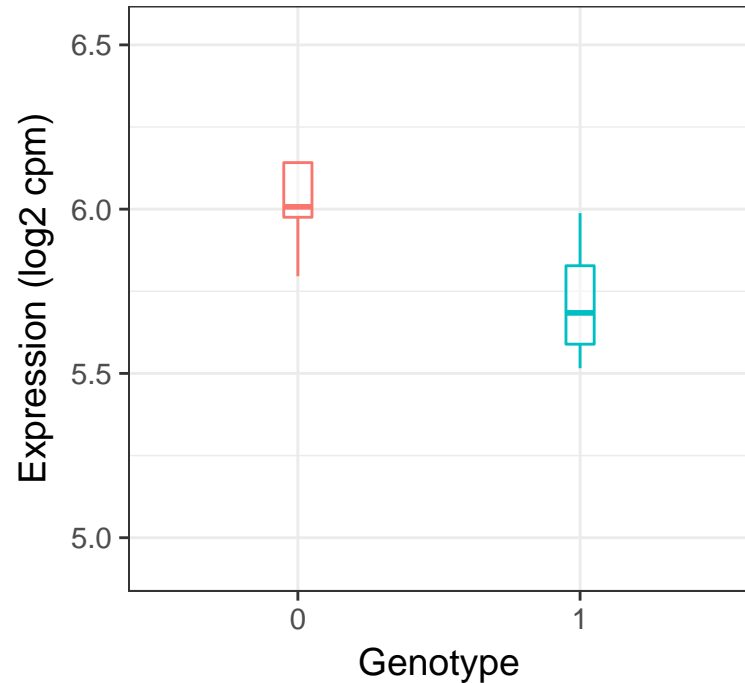


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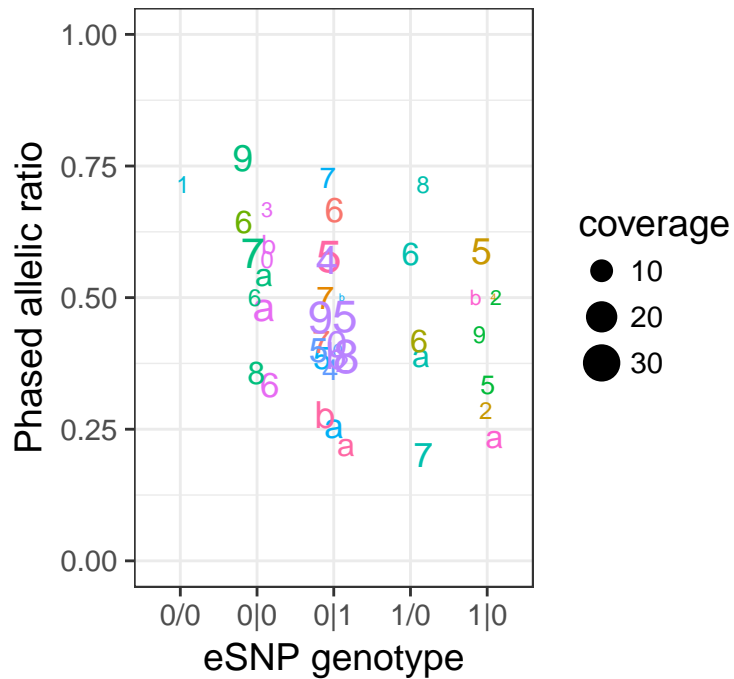




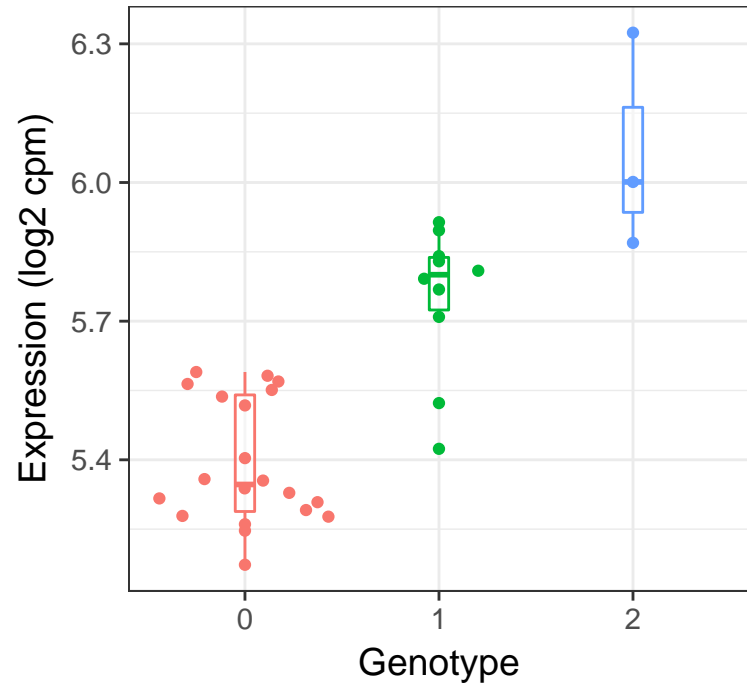
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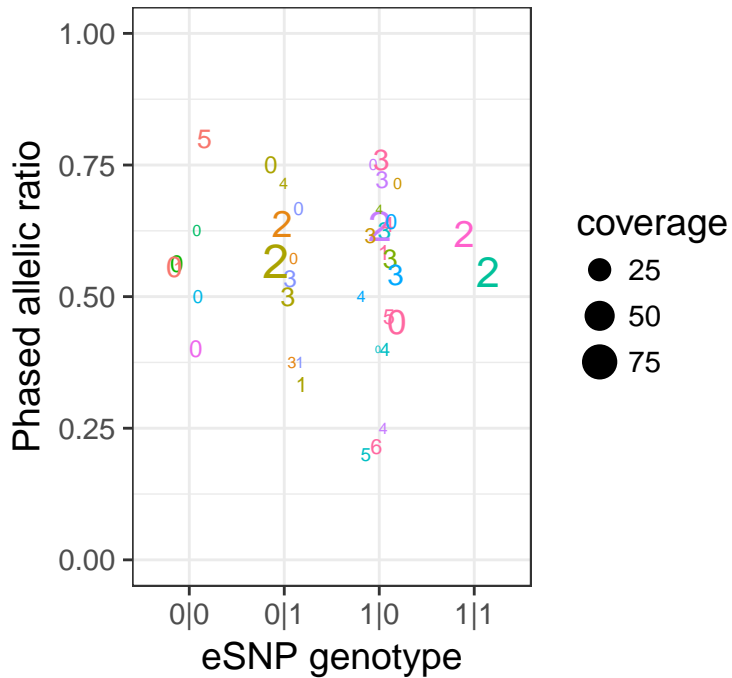
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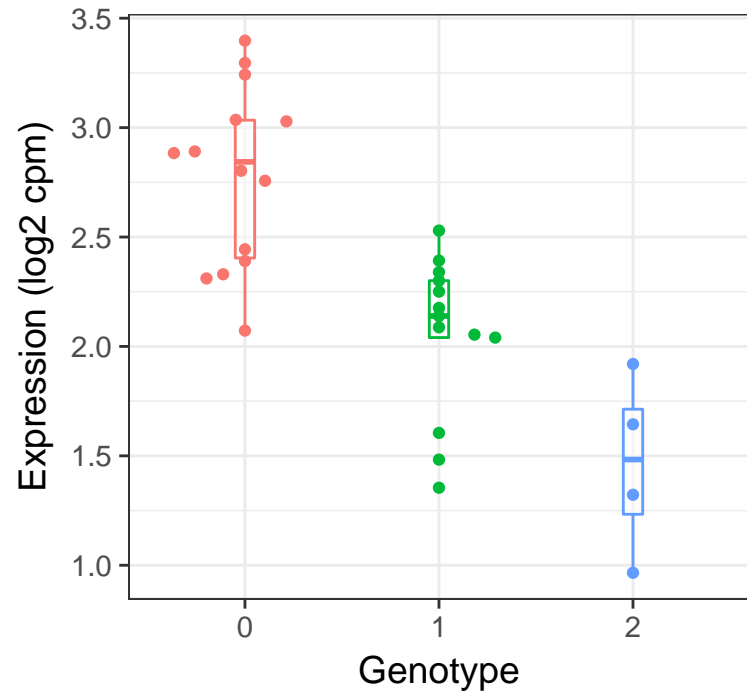
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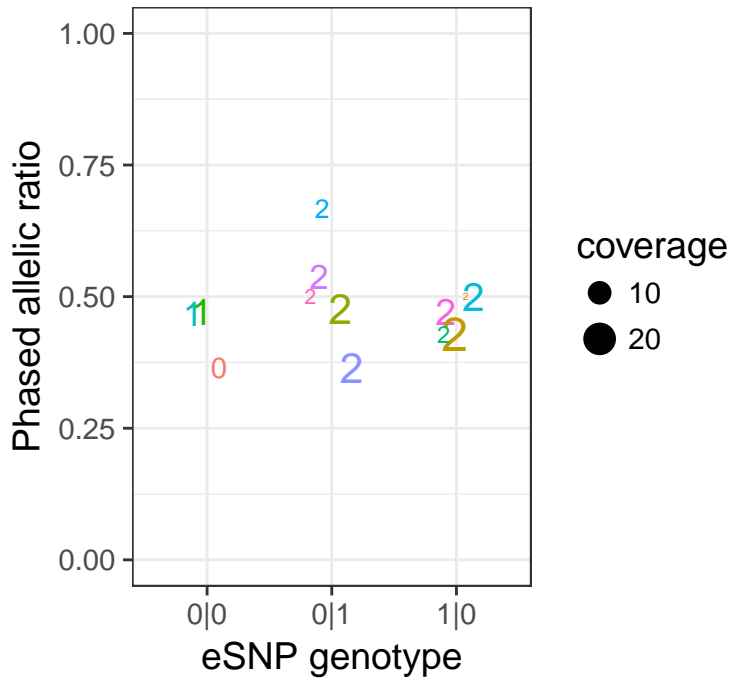
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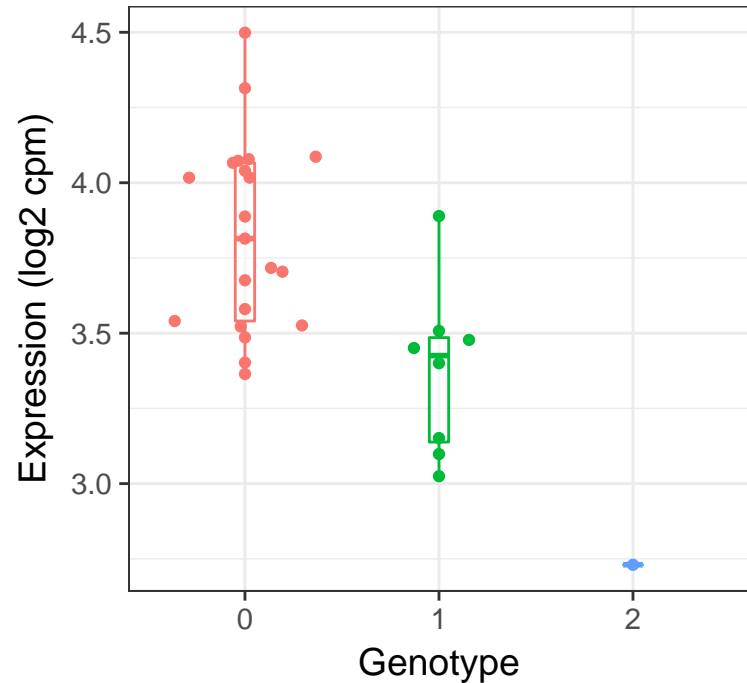
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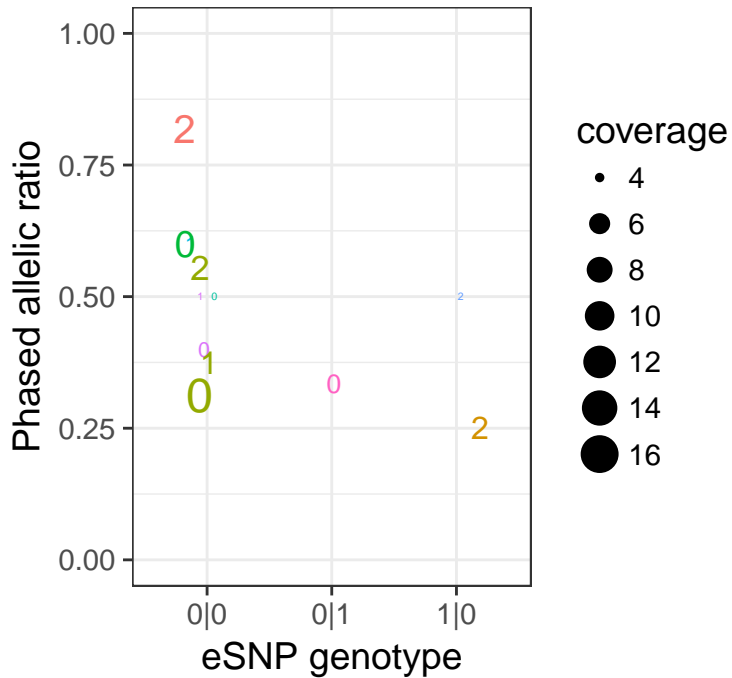
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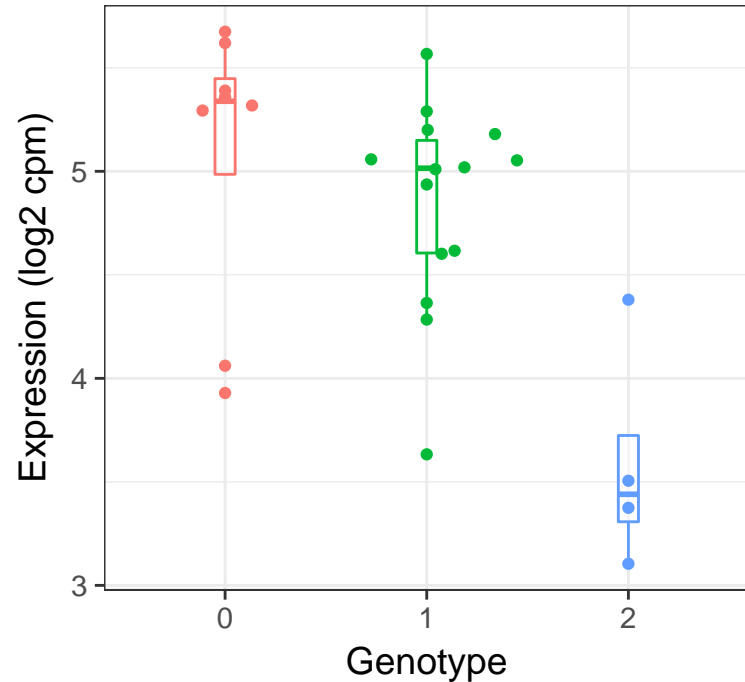
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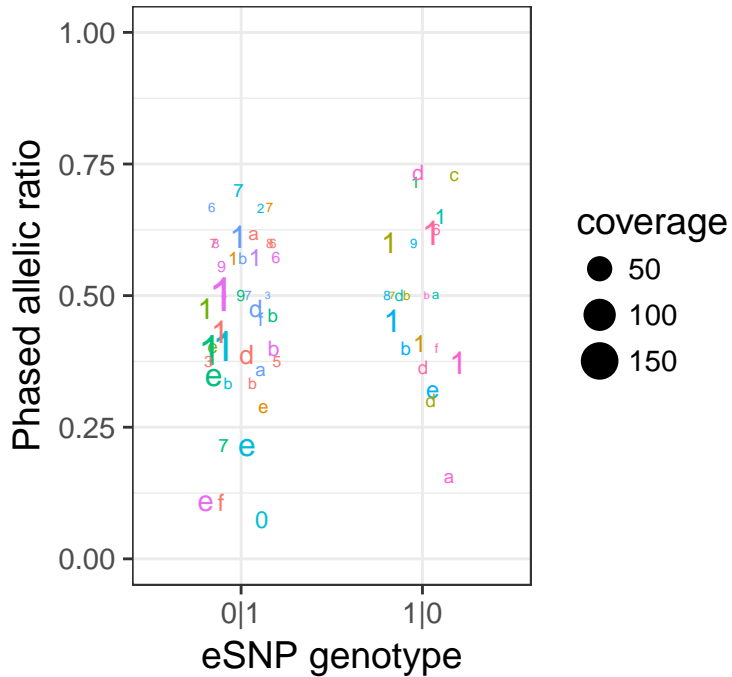
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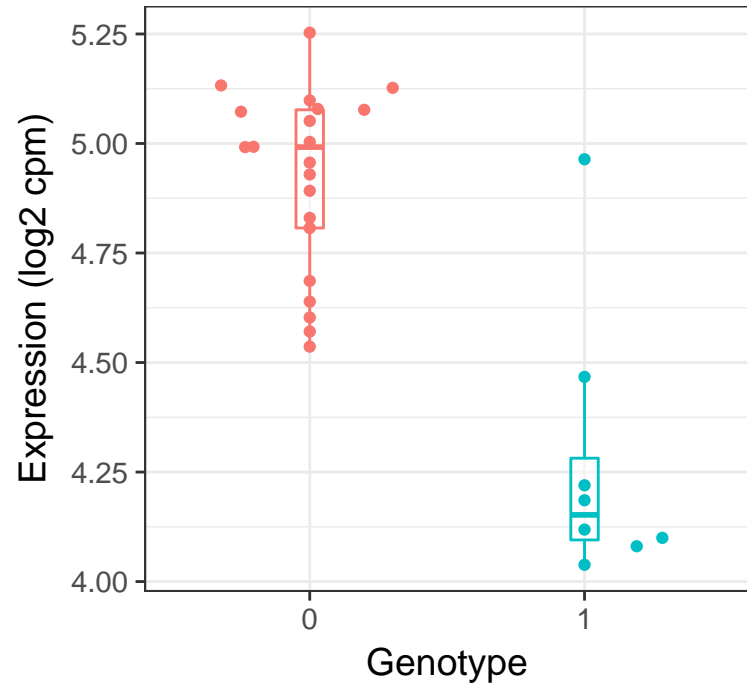
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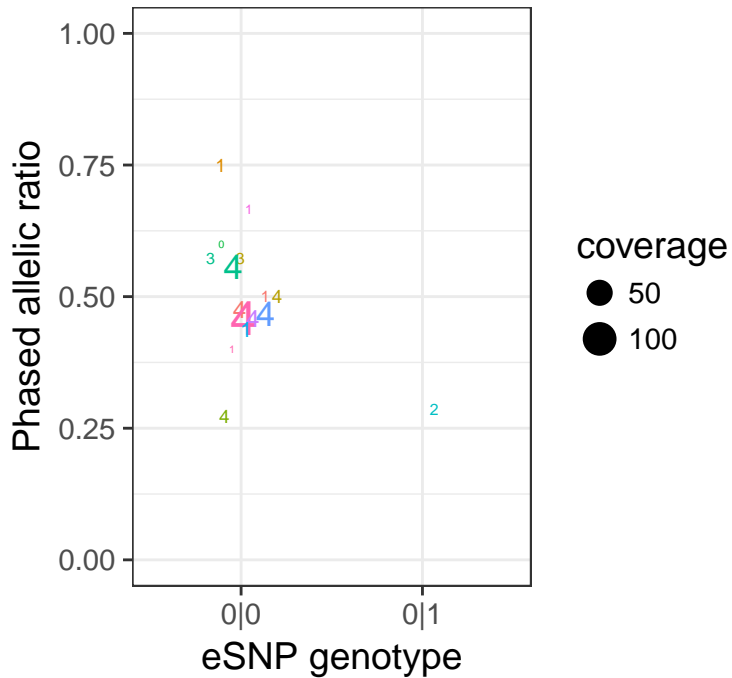
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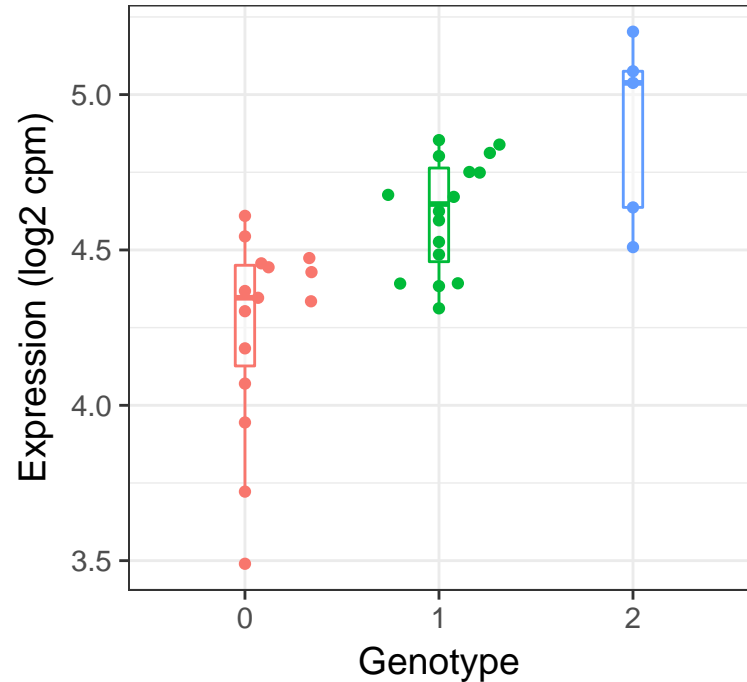
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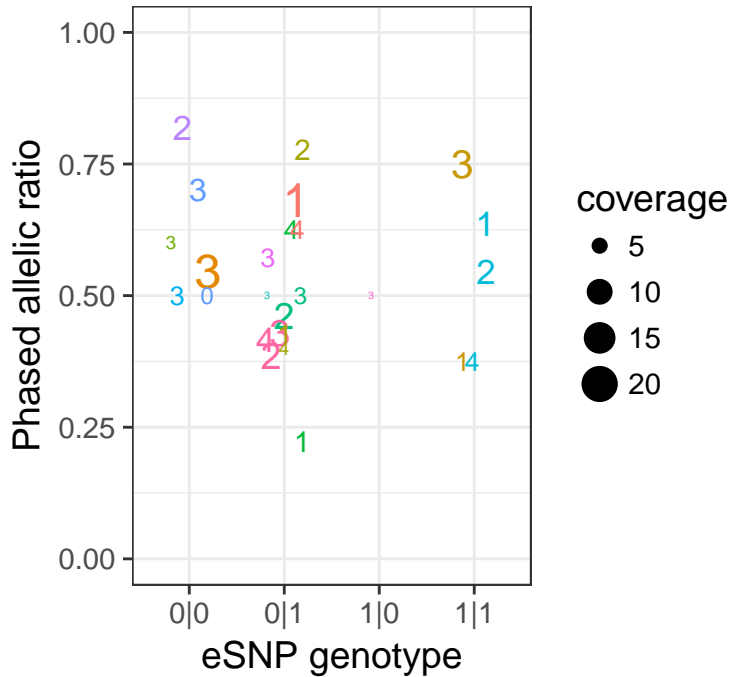
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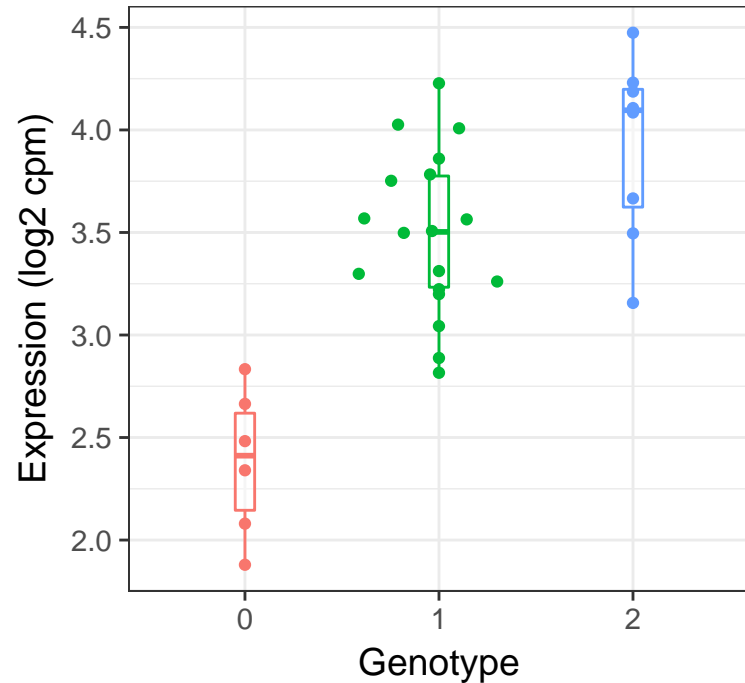
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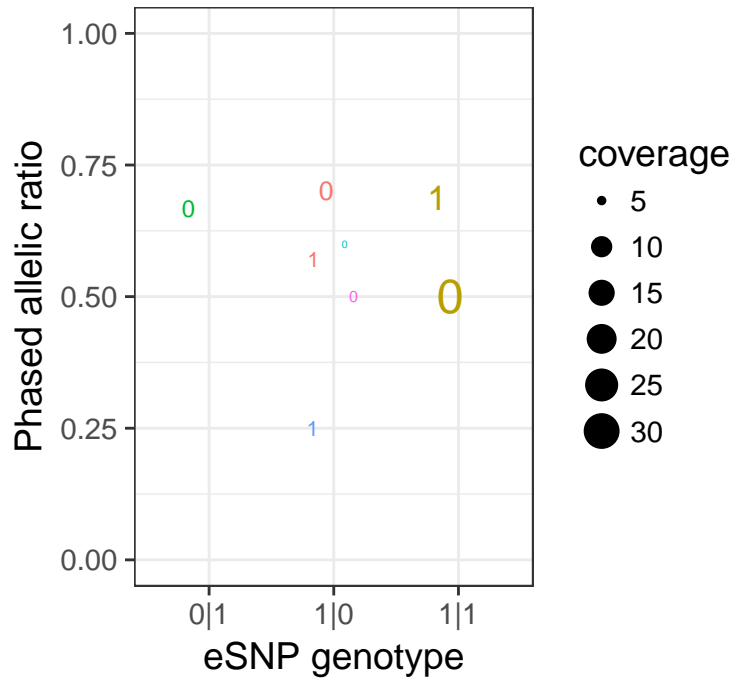
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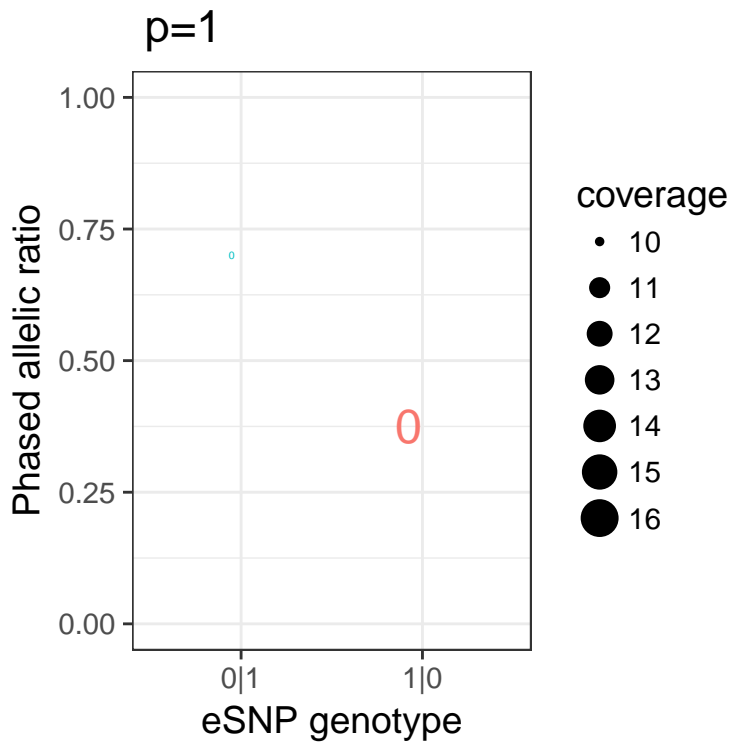
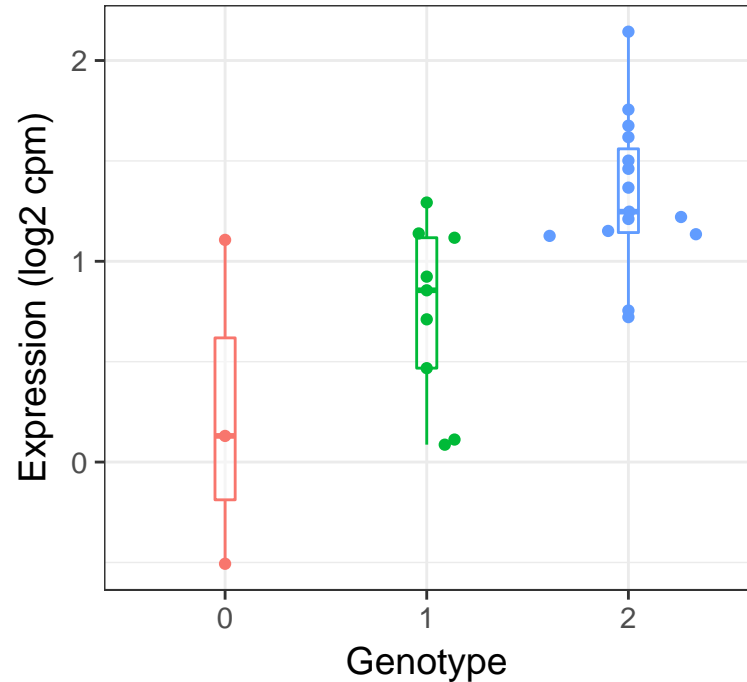
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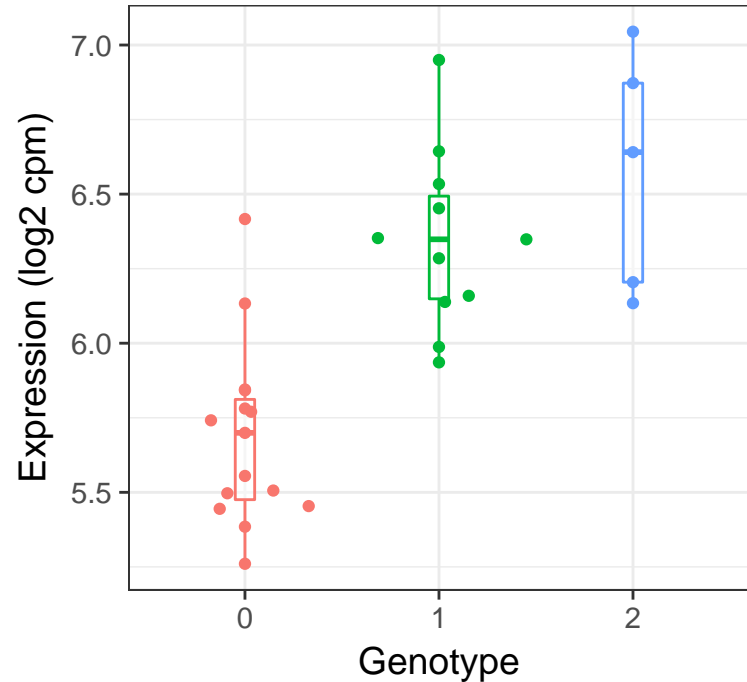




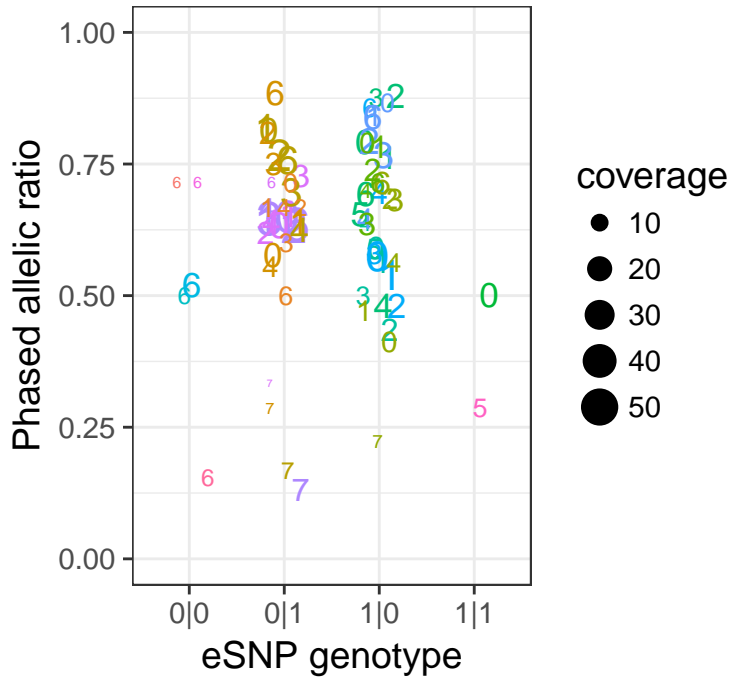
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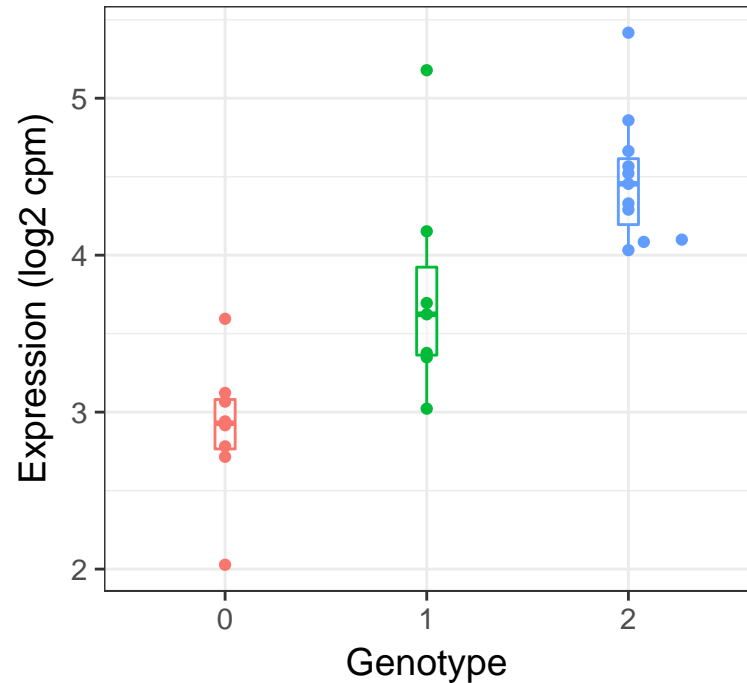
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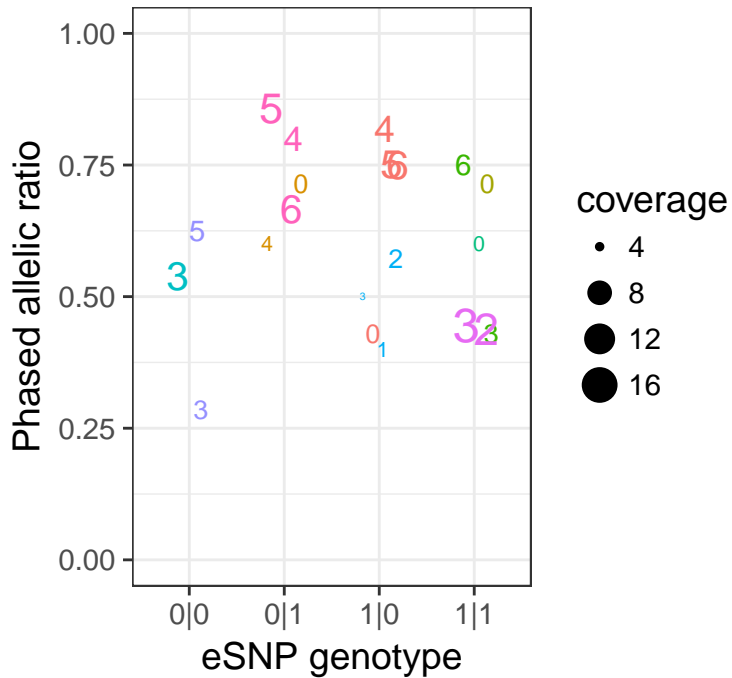
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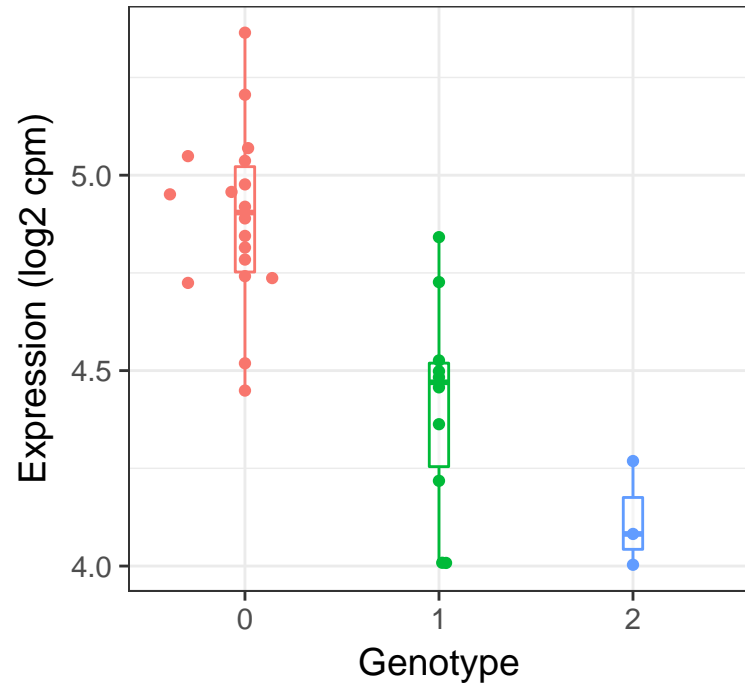
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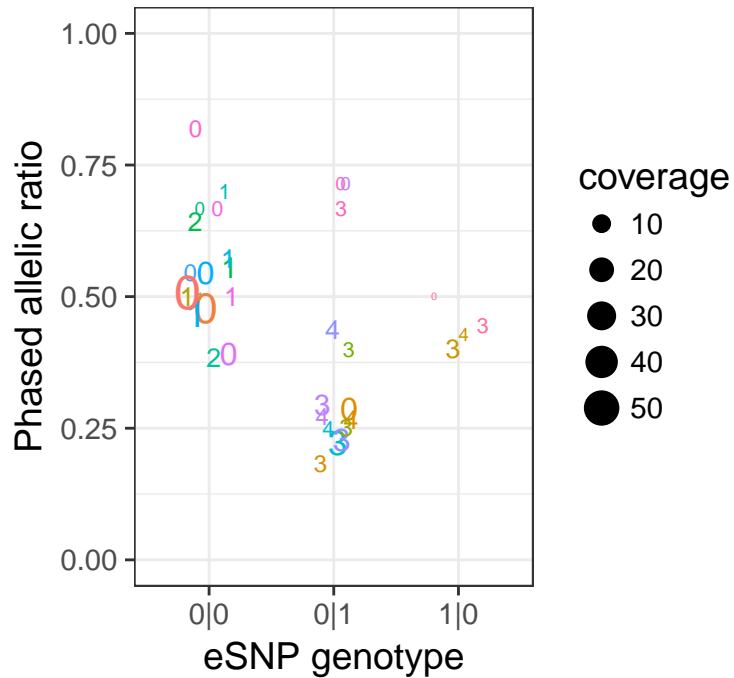
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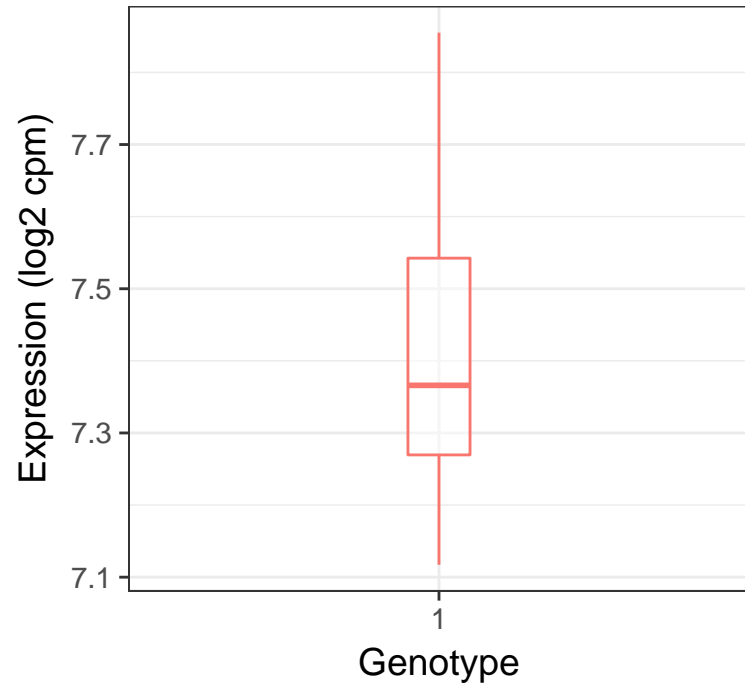
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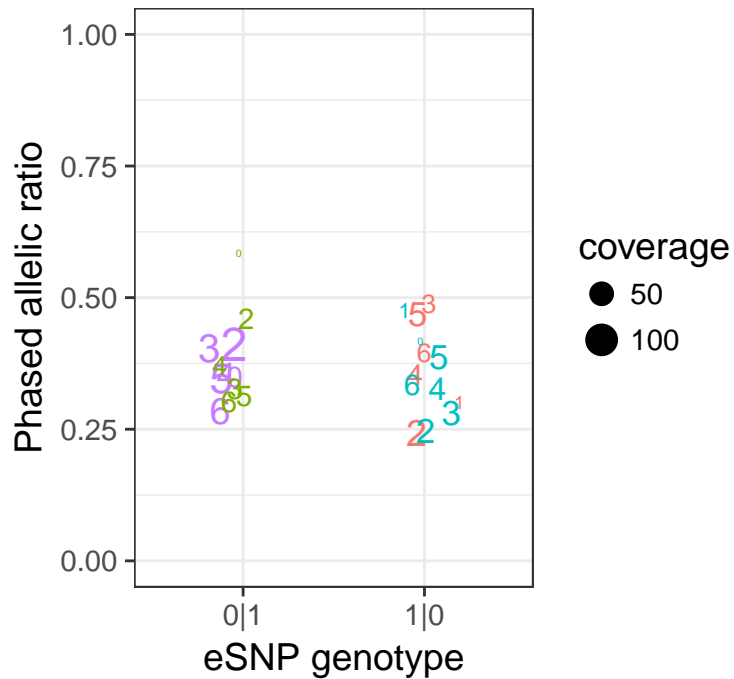
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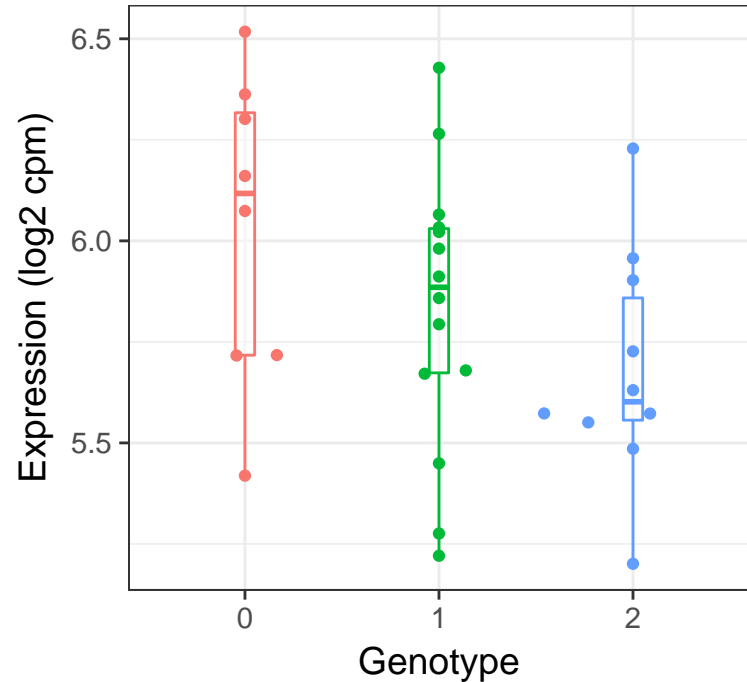
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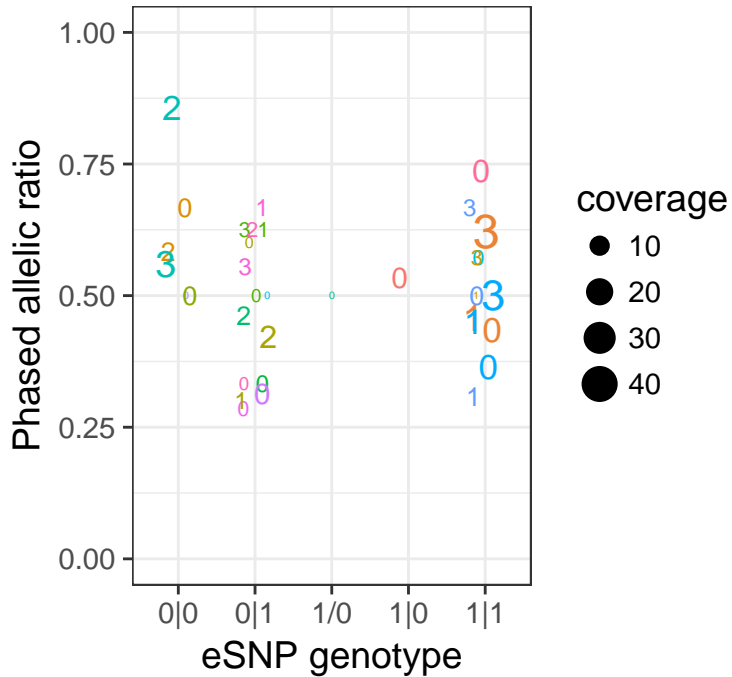
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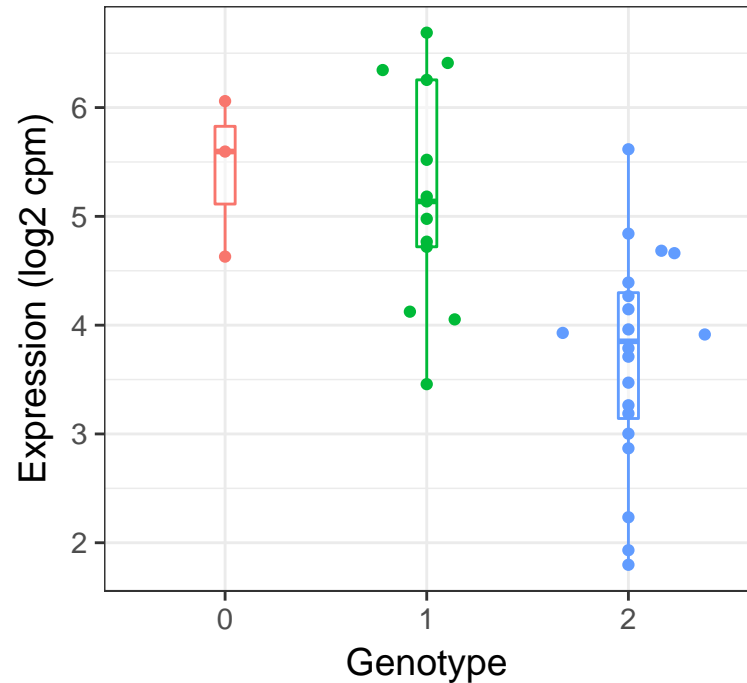
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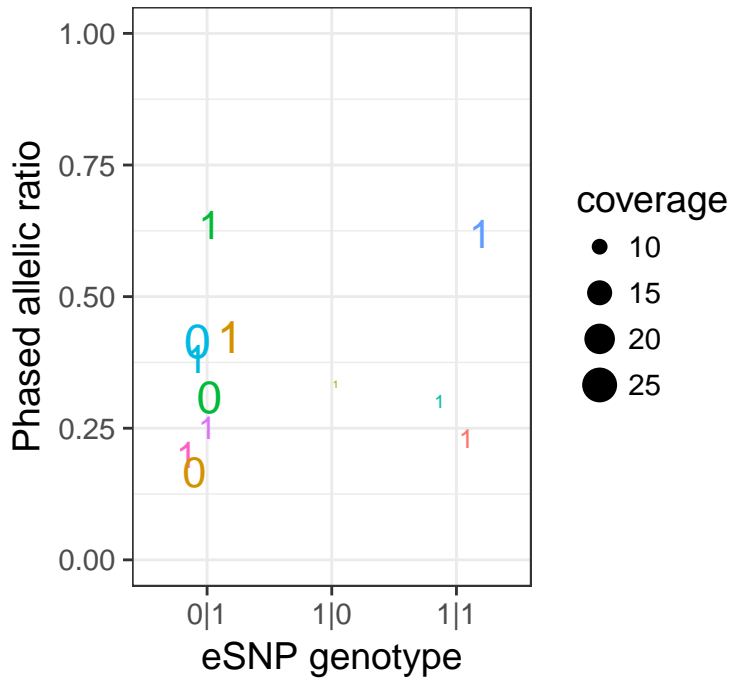
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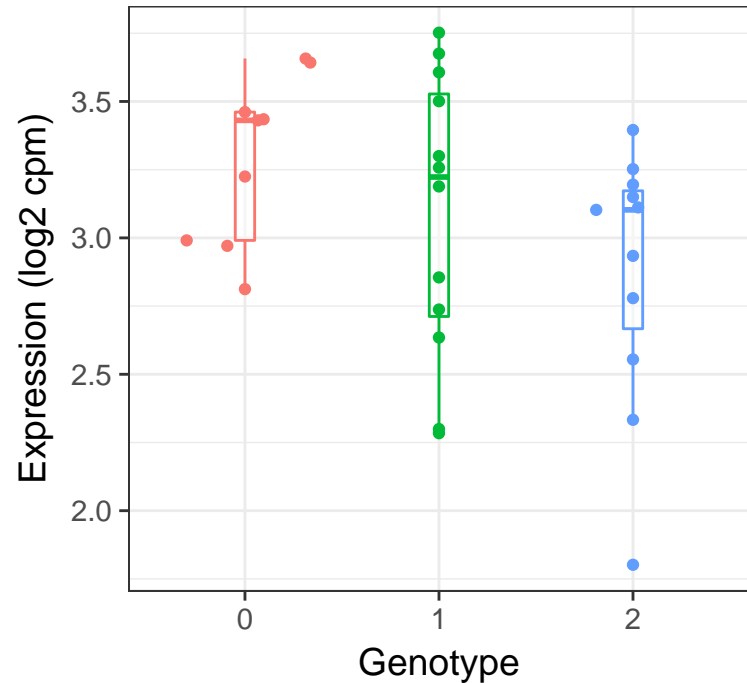


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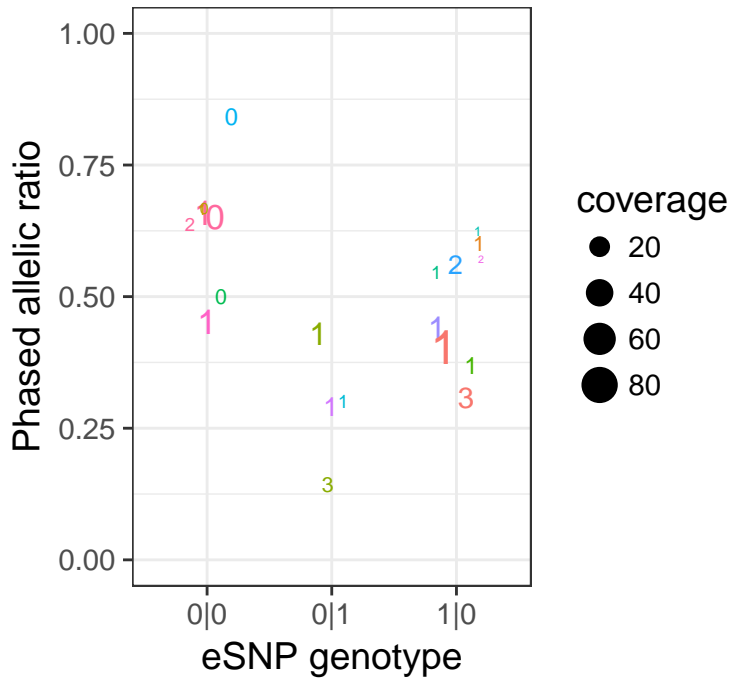




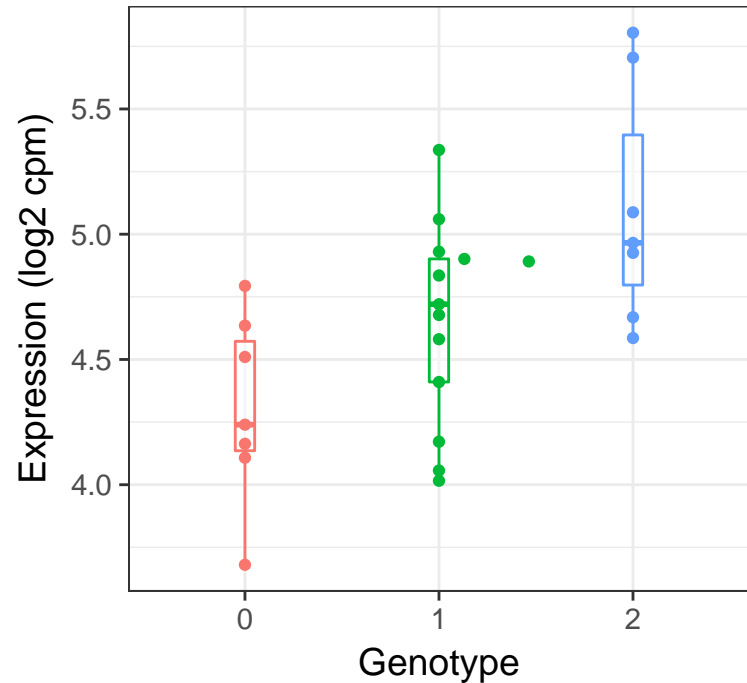
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Gene: ENSG00000177663



$p=2.99e-05$

