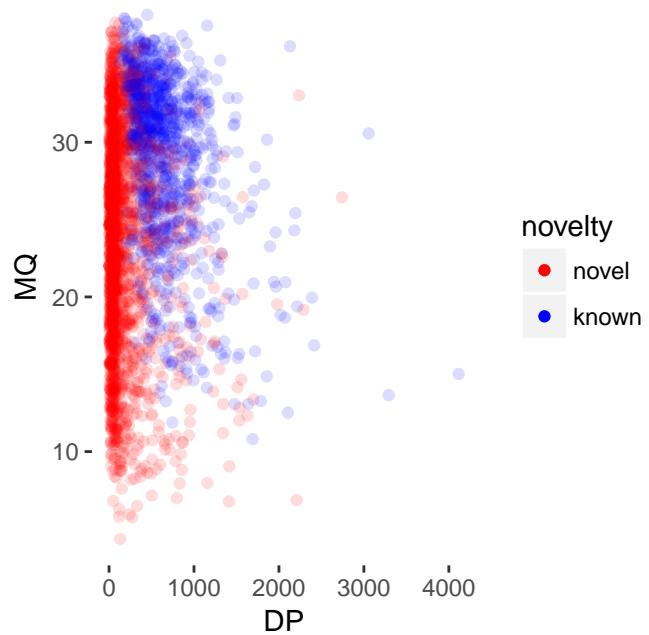
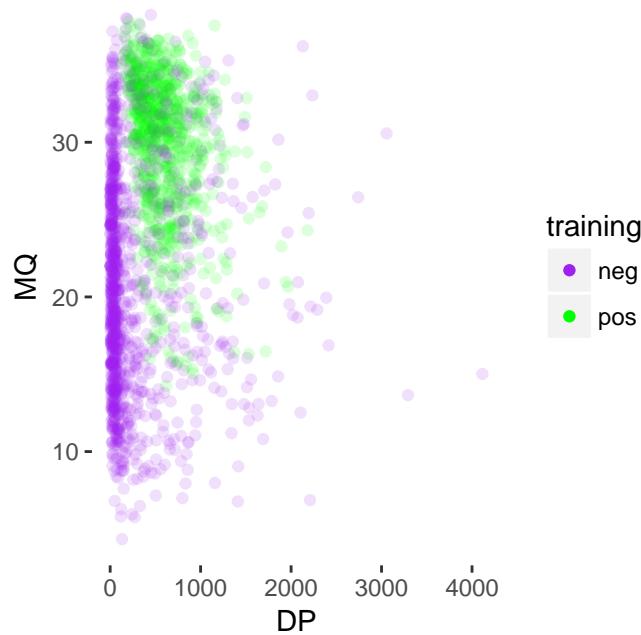
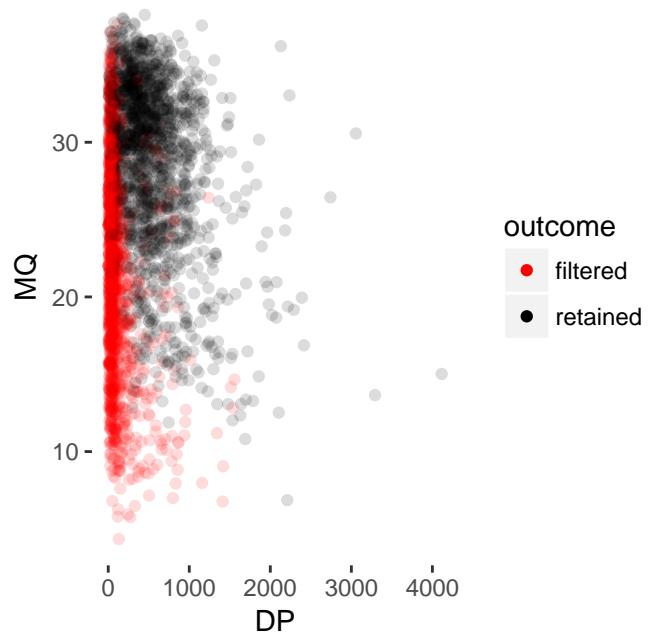
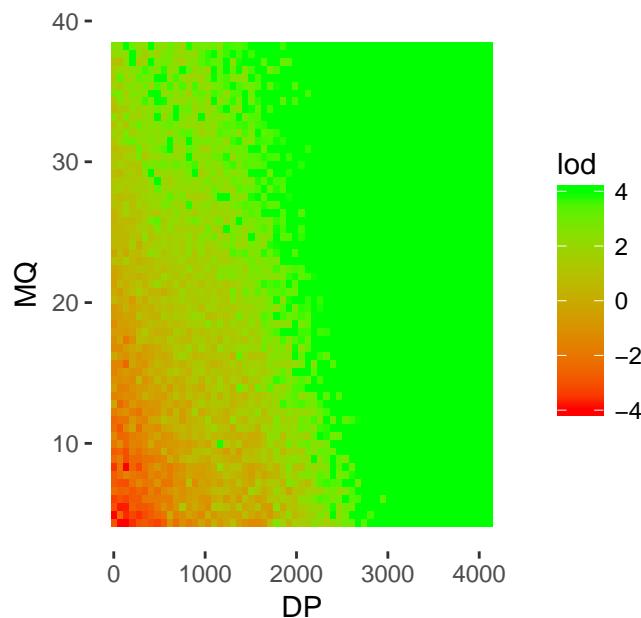
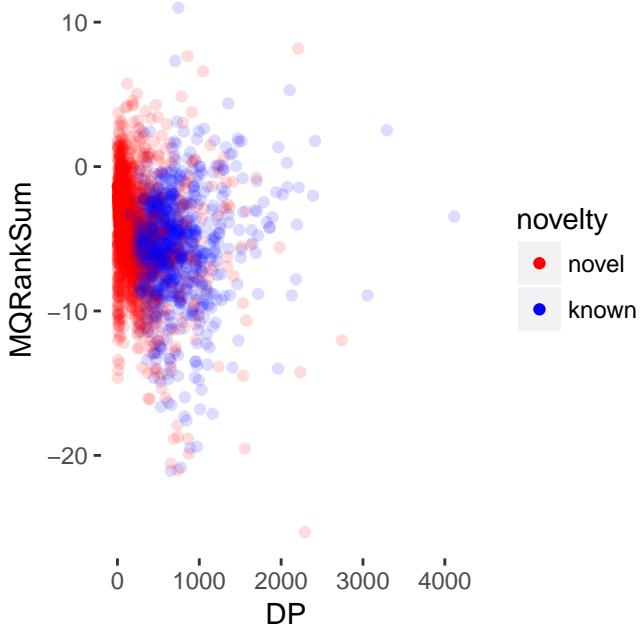
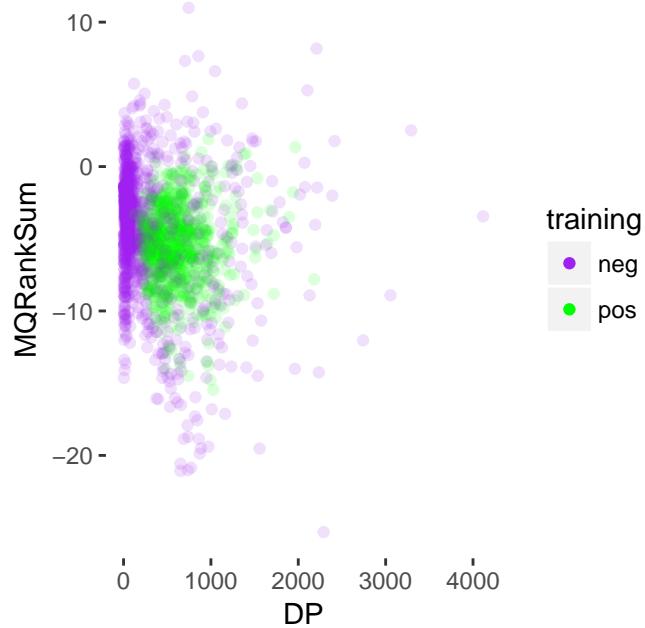
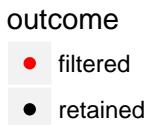
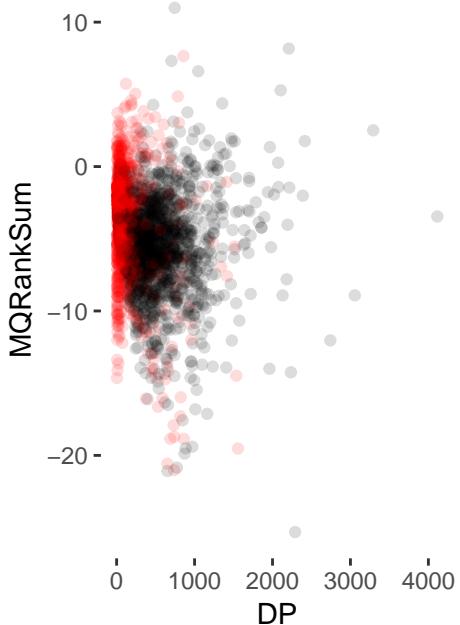
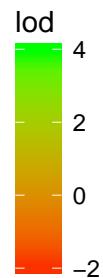
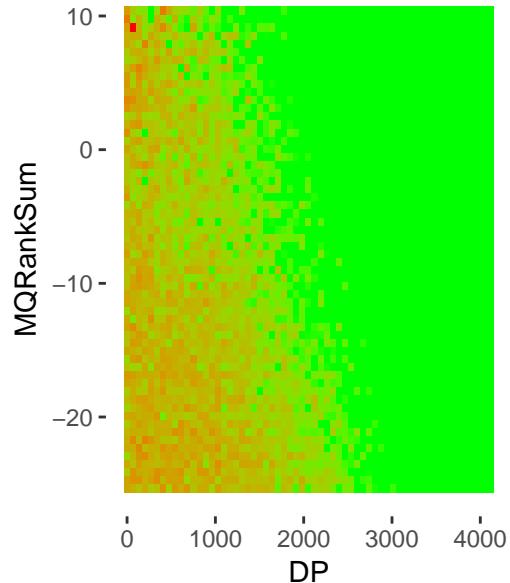


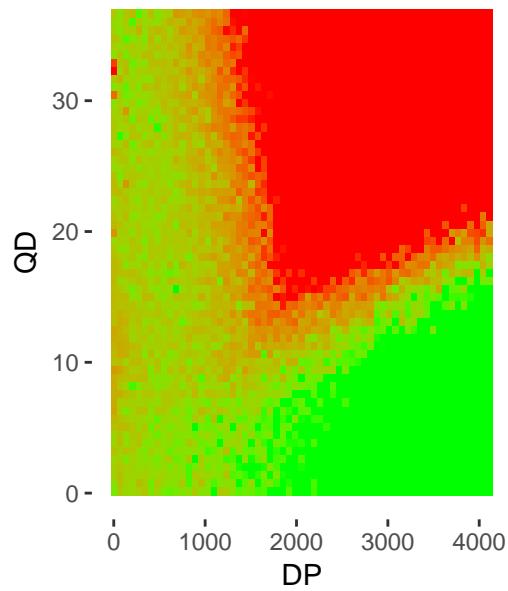
model PDF



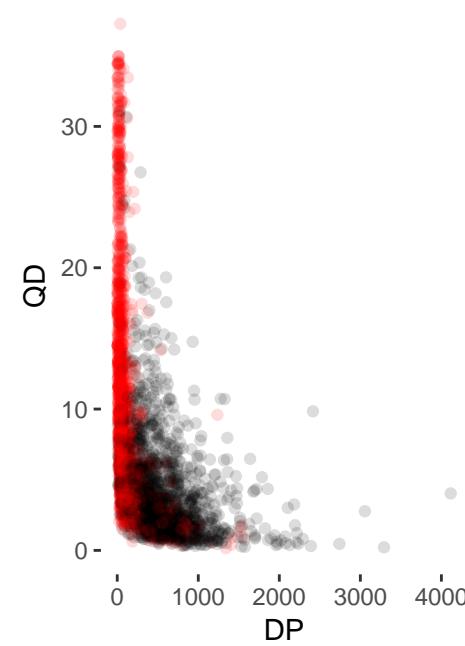
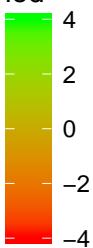
model PDF



model PDF

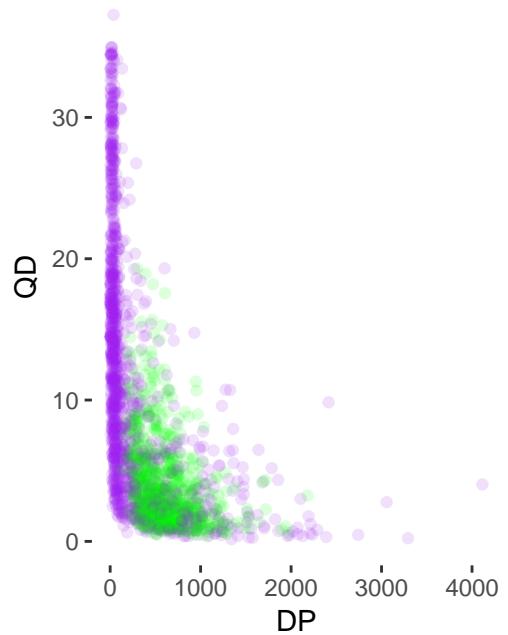


lod

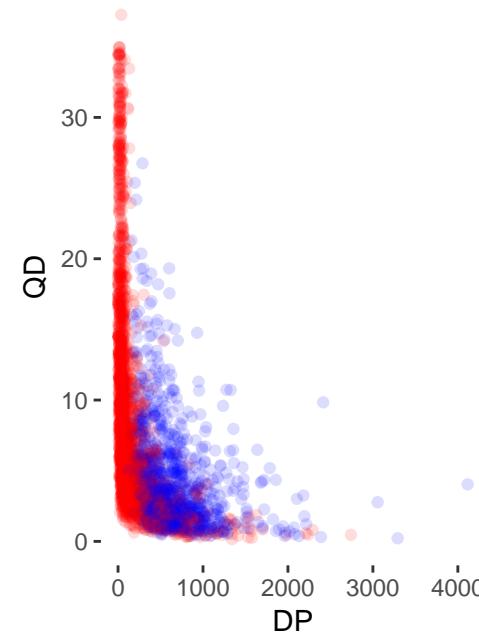


outcome

- filtered
- retained



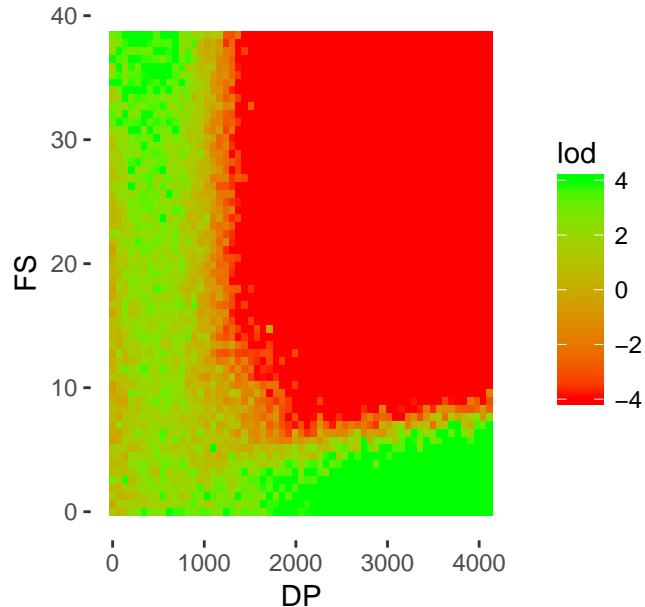
training



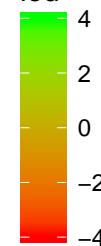
novelty



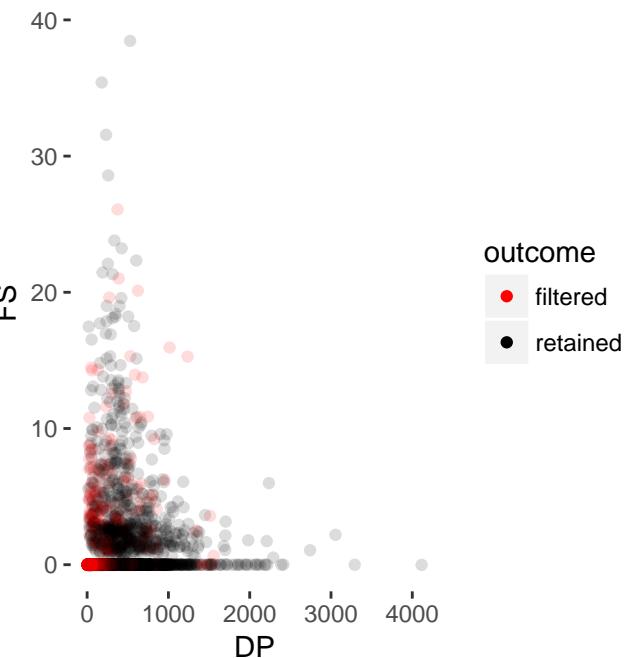
model PDF



lod

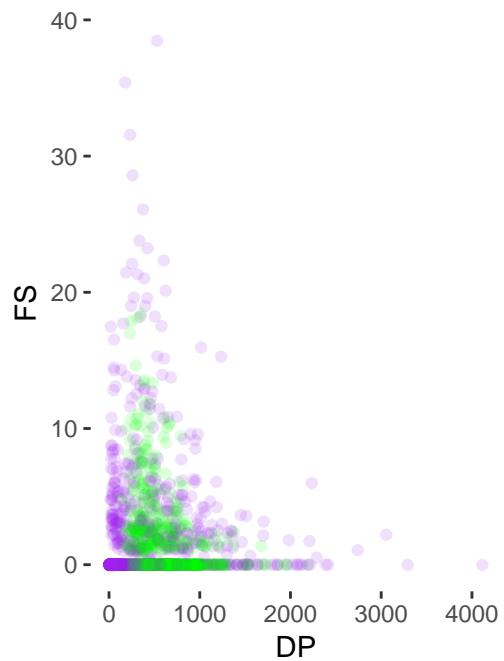


FS



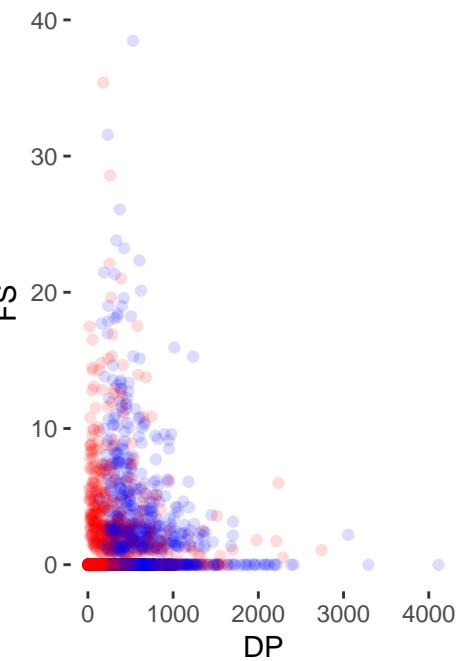
outcome

- filtered
- retained



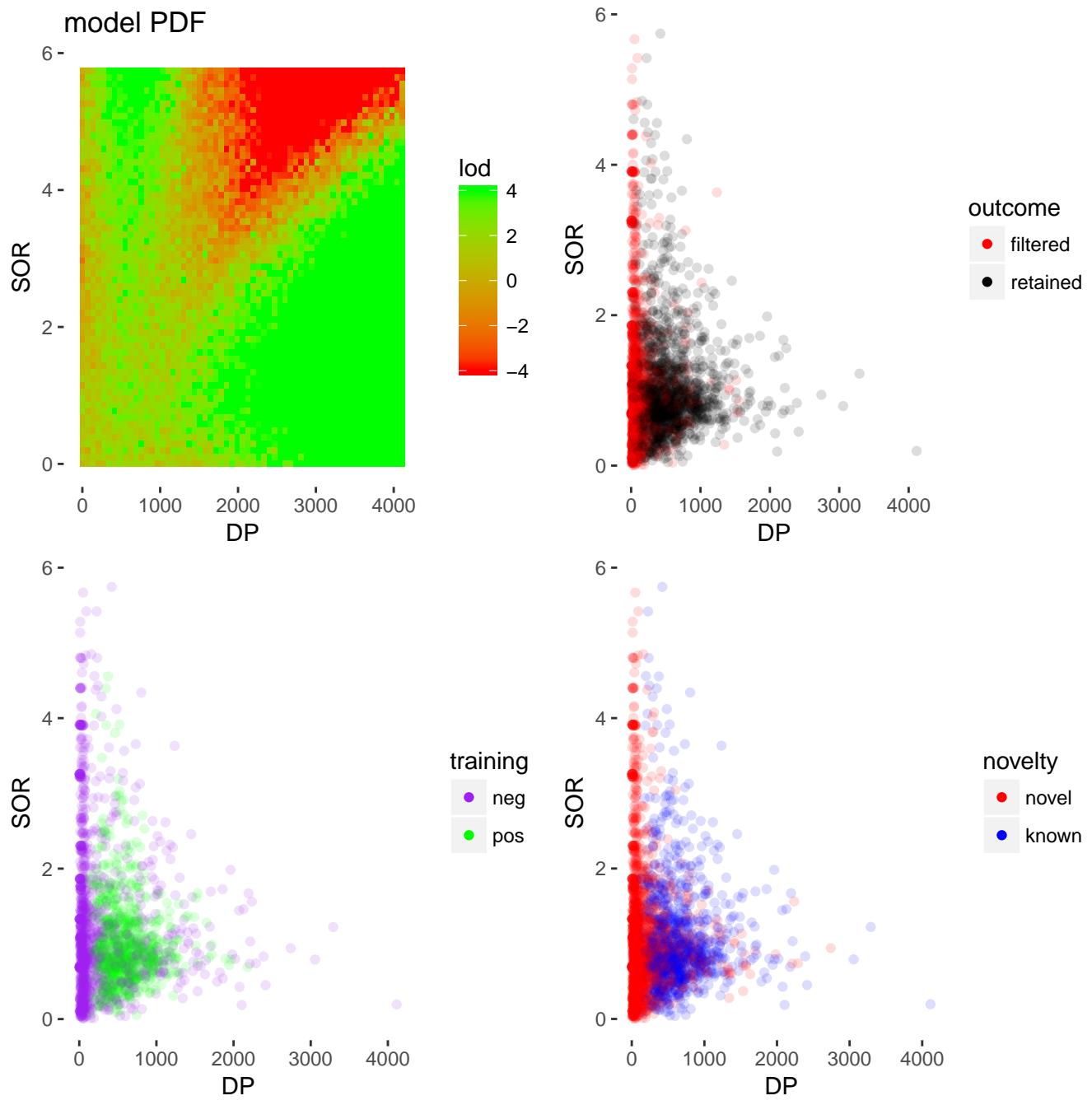
training

- neg
- pos

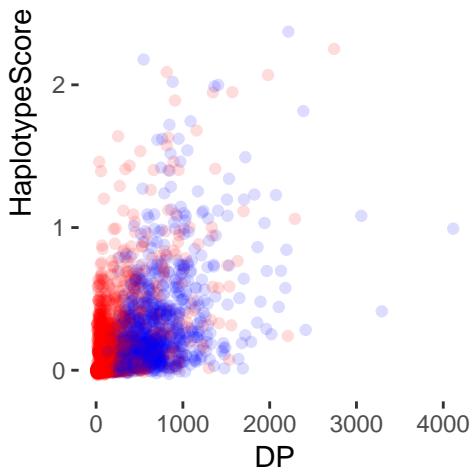
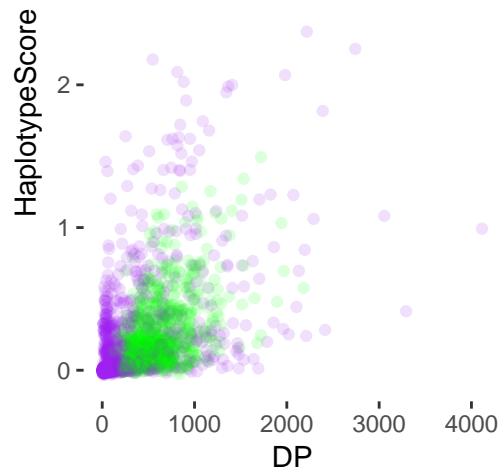
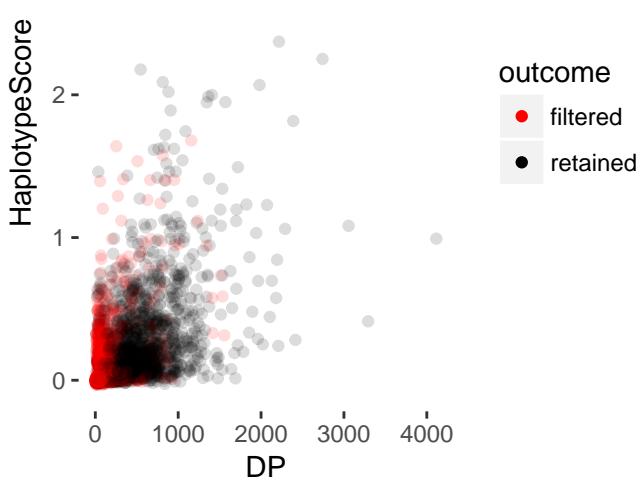
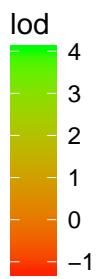
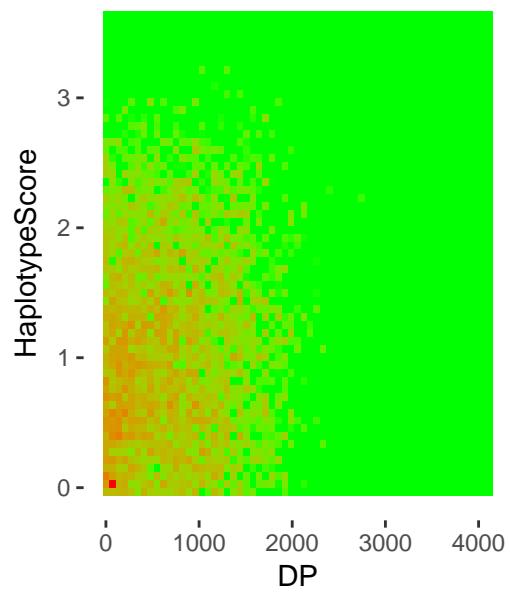


novelty

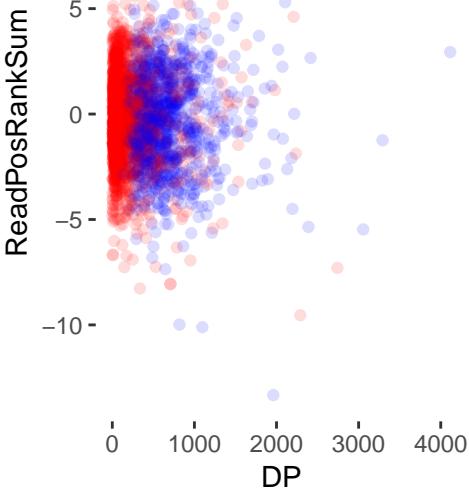
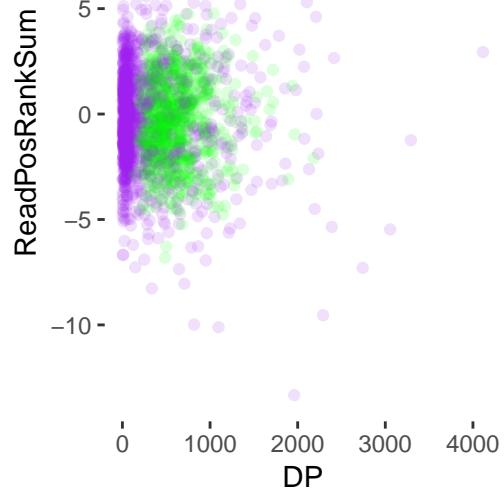
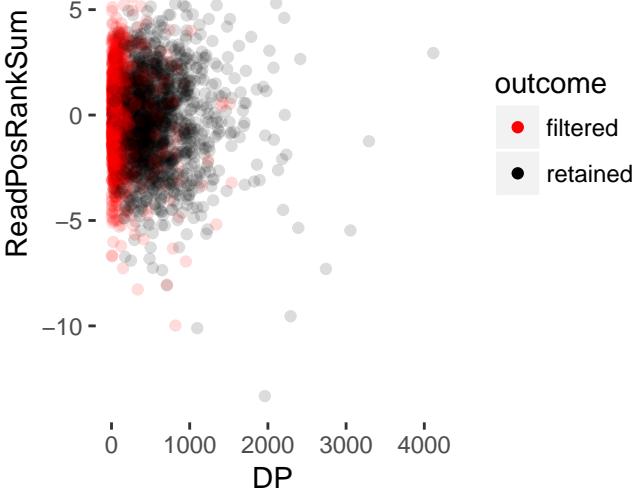
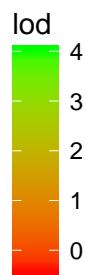
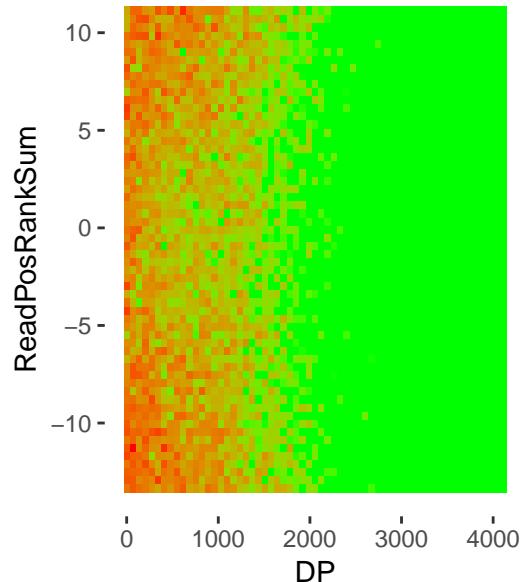
- novel
- known



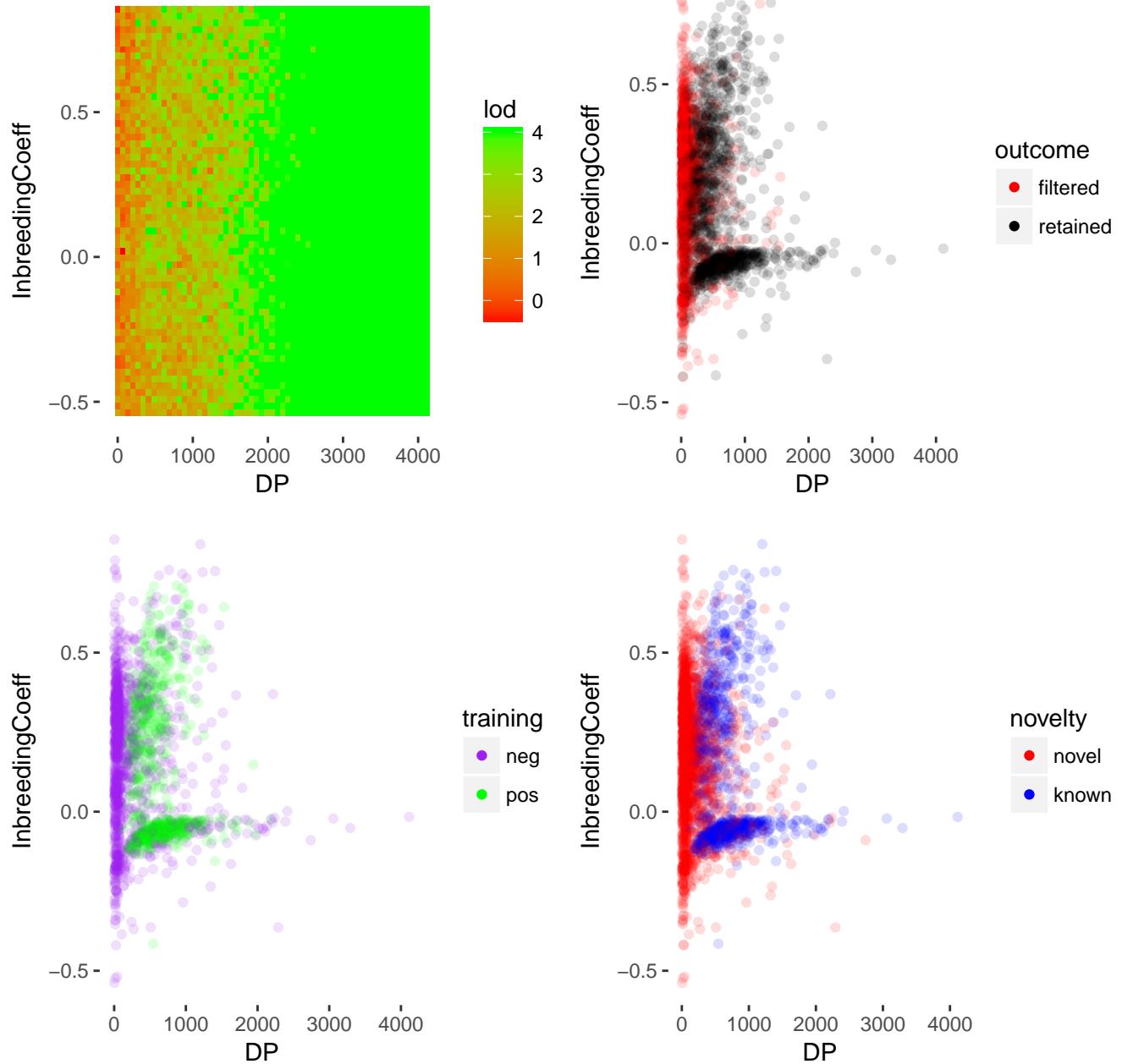
model PDF



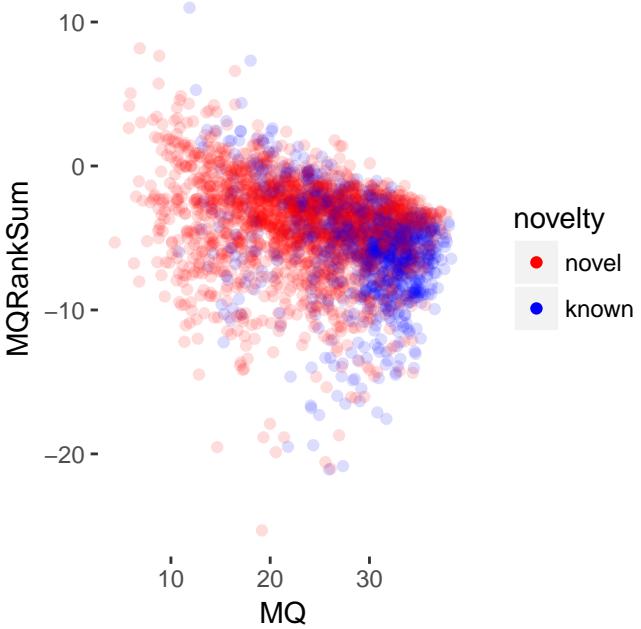
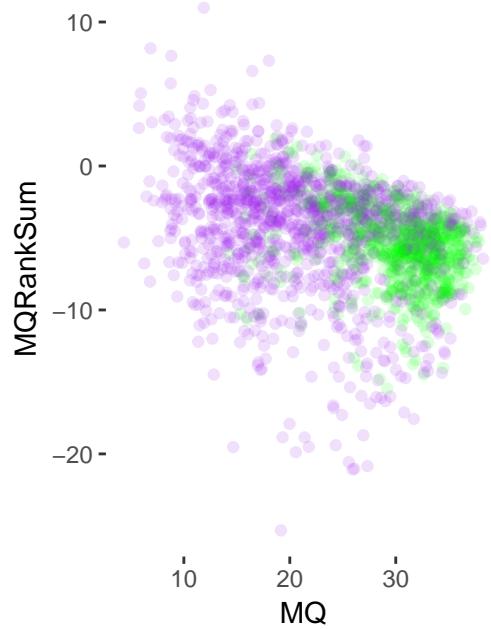
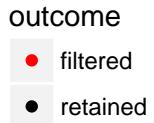
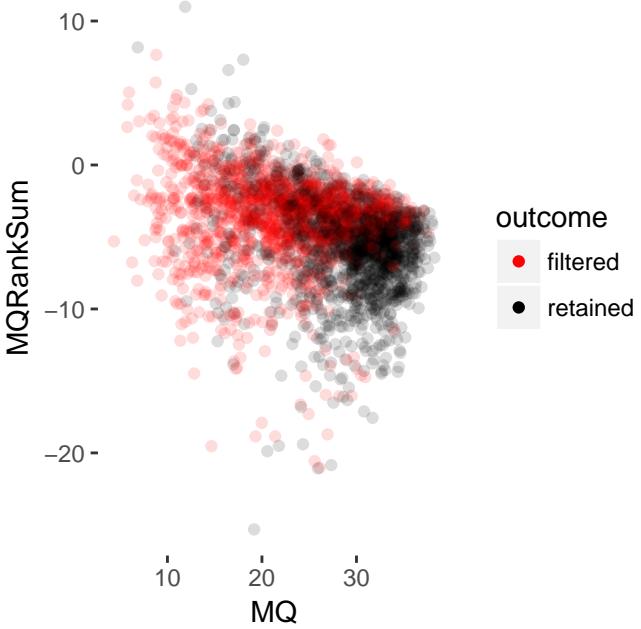
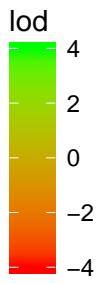
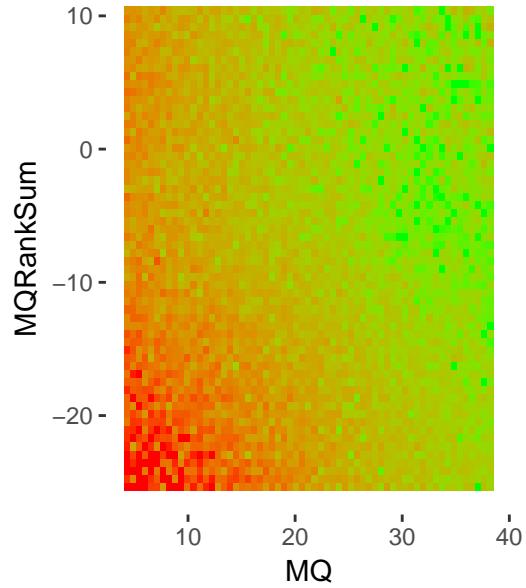
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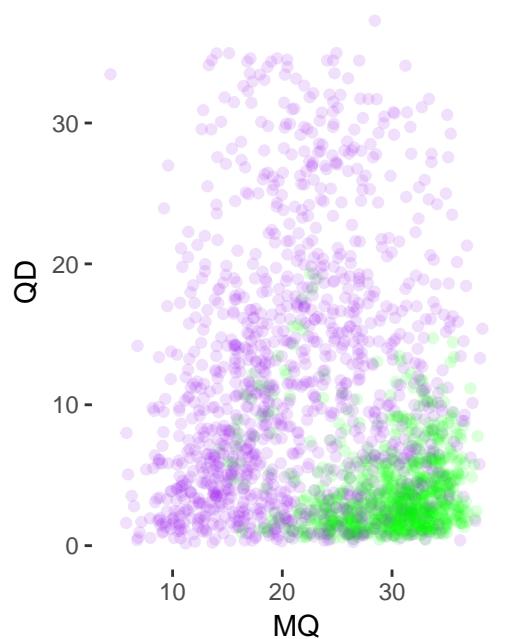
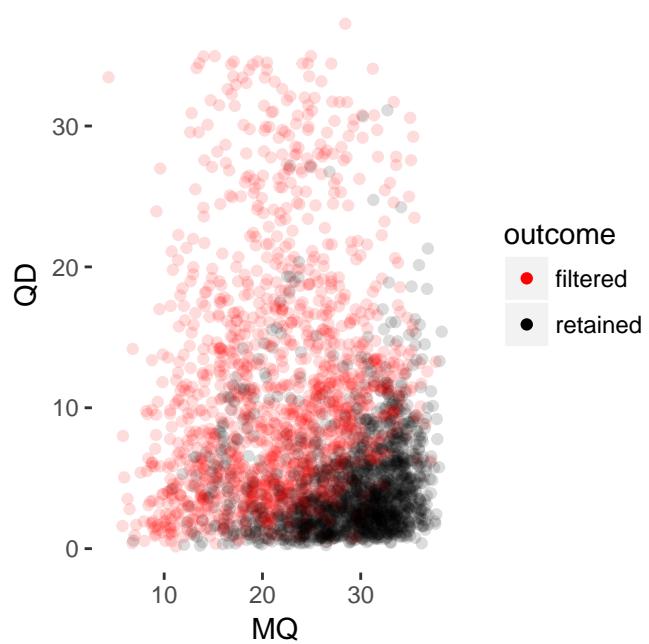
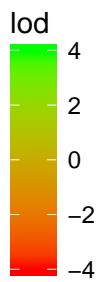
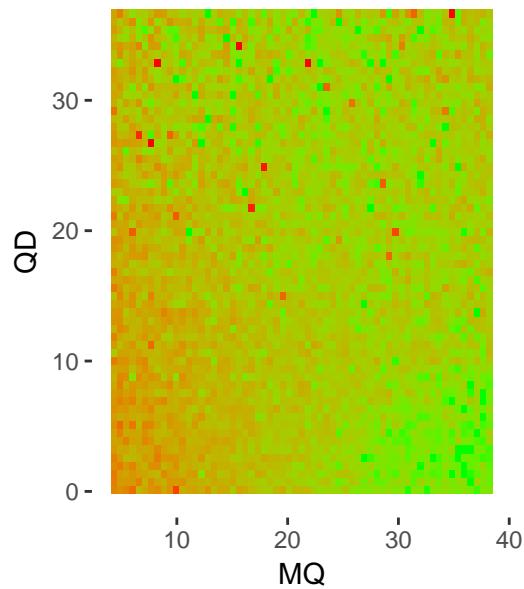
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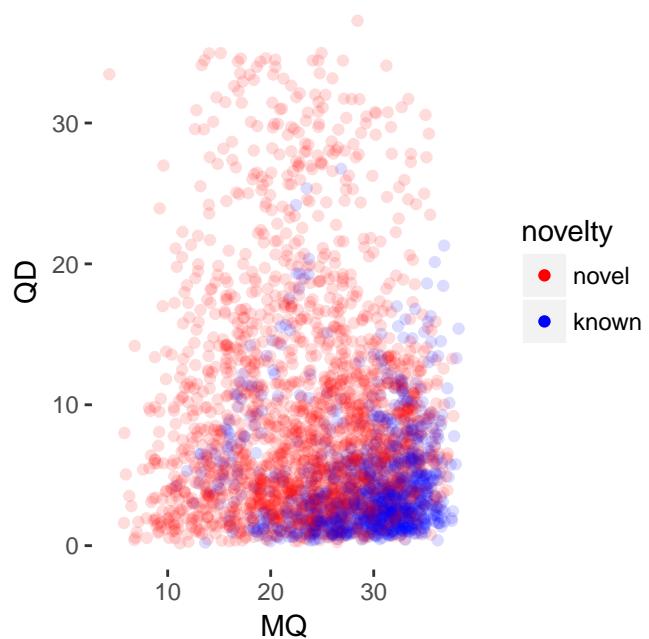
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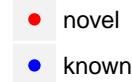
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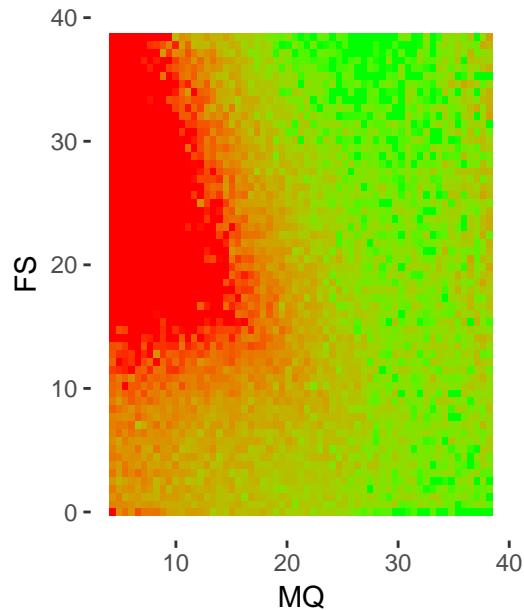
training



novelty



model PDF



lod

4  
2  
0  
-2  
-4

FS

40  
30  
20  
10  
0

10 20 30 40  
MQ

40 -

30 -

20 -

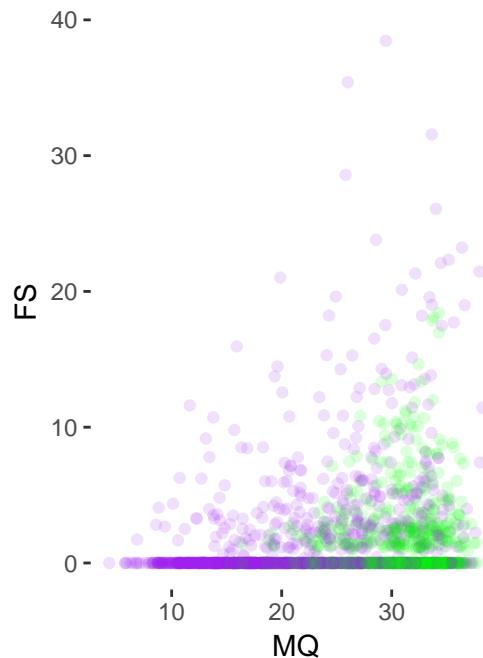
10 -

0 -

FS

10 20 30 40  
MQ

outcome  
● filtered  
● retained



training

● neg  
● pos

FS

40 -

30 -

20 -

10 -

0 -

10 20 30  
MQ

40 -

30 -

20 -

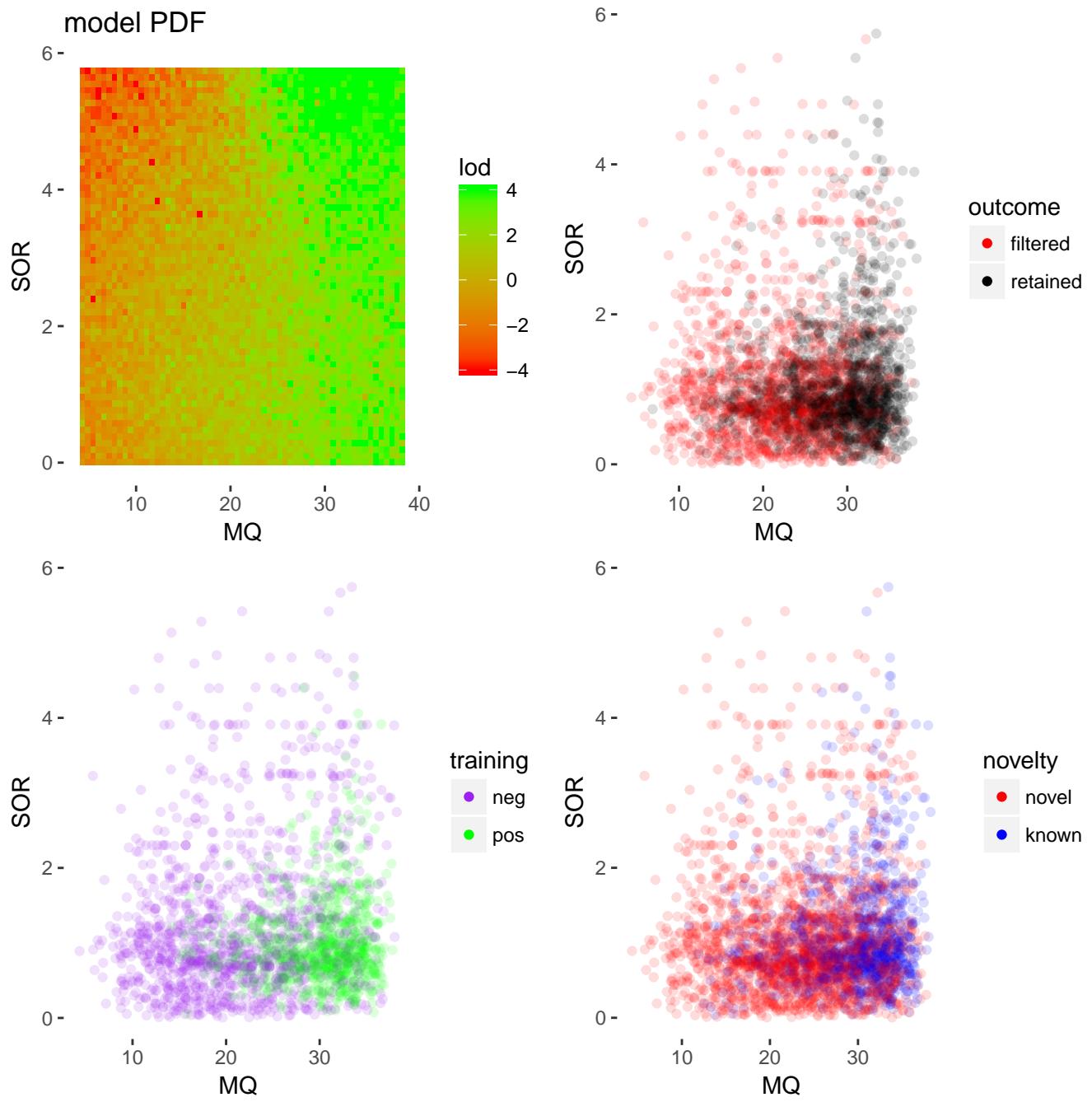
10 -

0 -

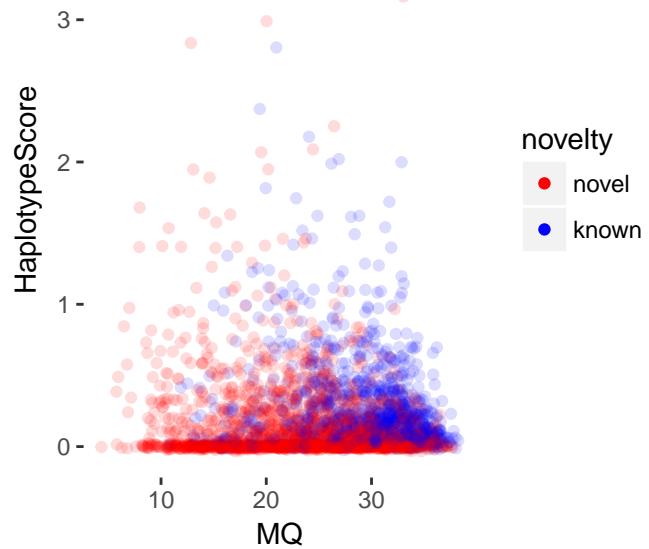
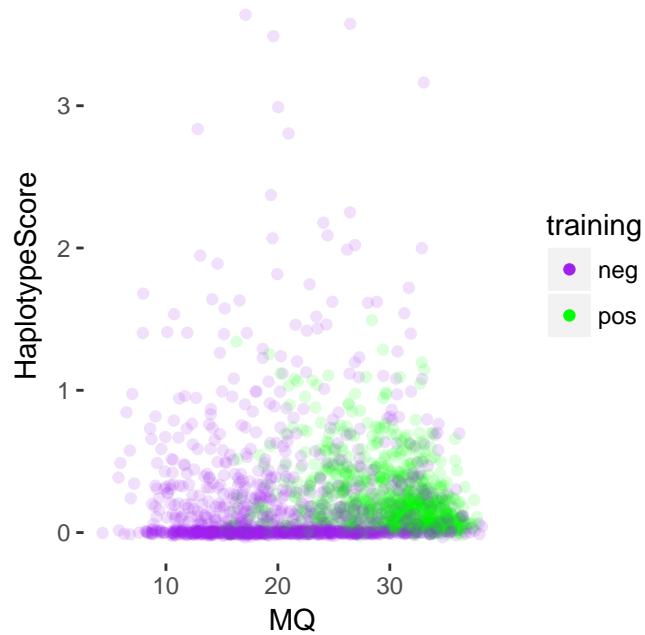
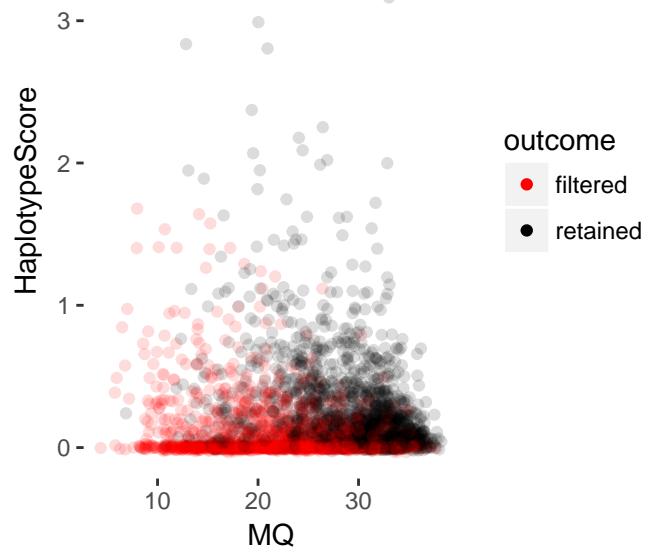
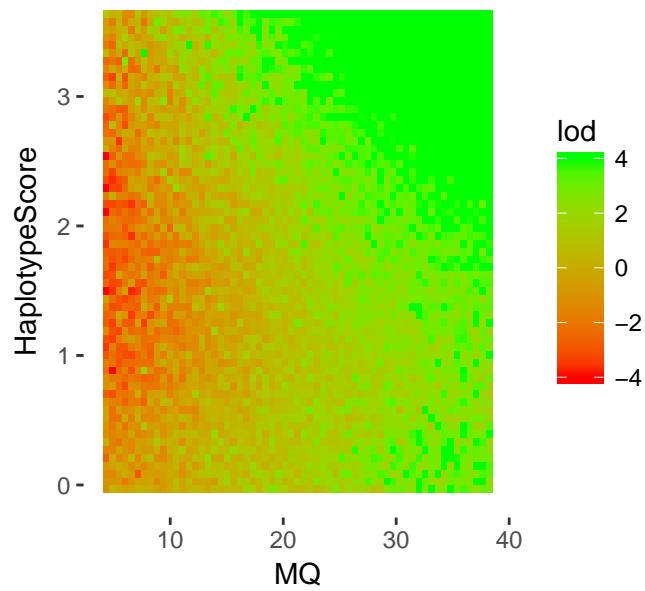
FS

10 20 30 40  
MQ

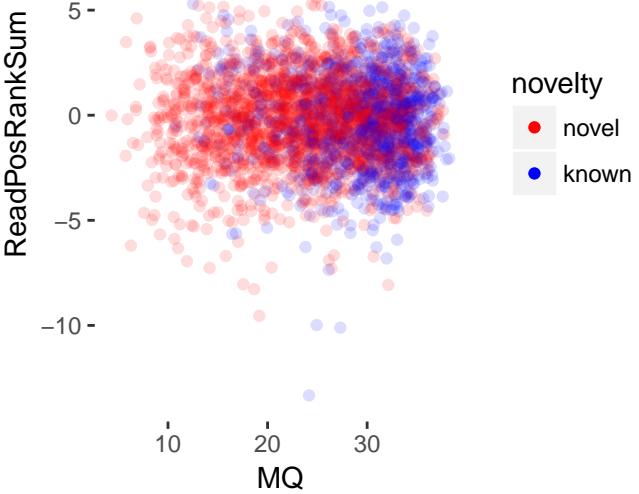
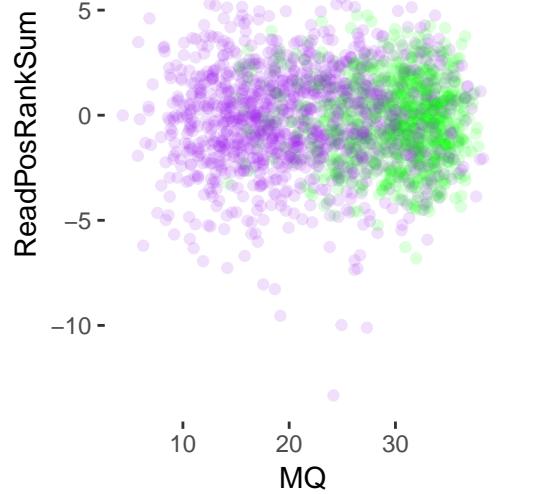
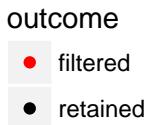
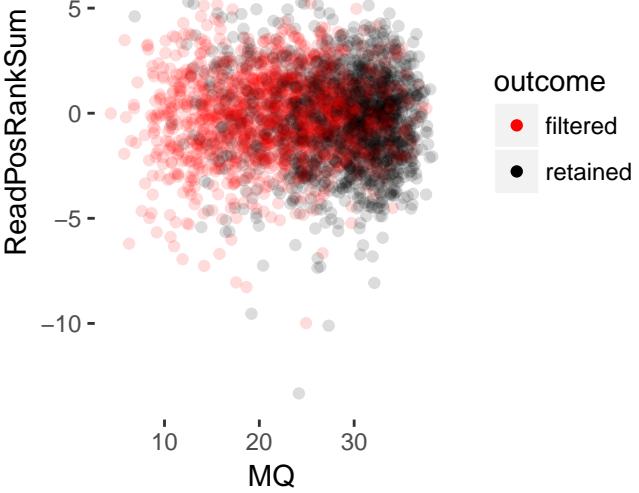
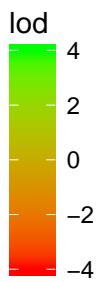
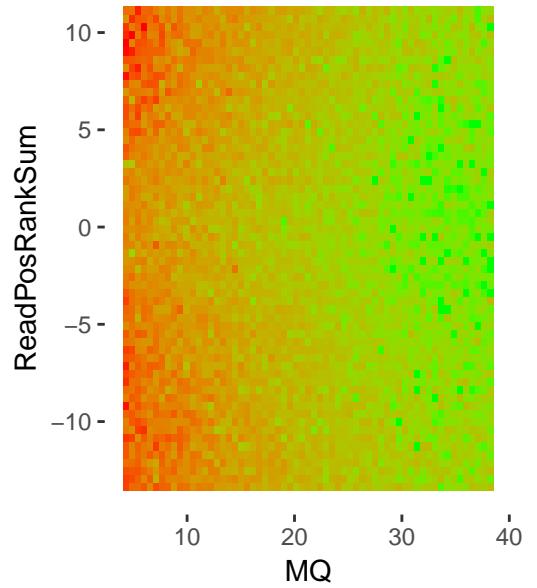
novelty  
● novel  
● known



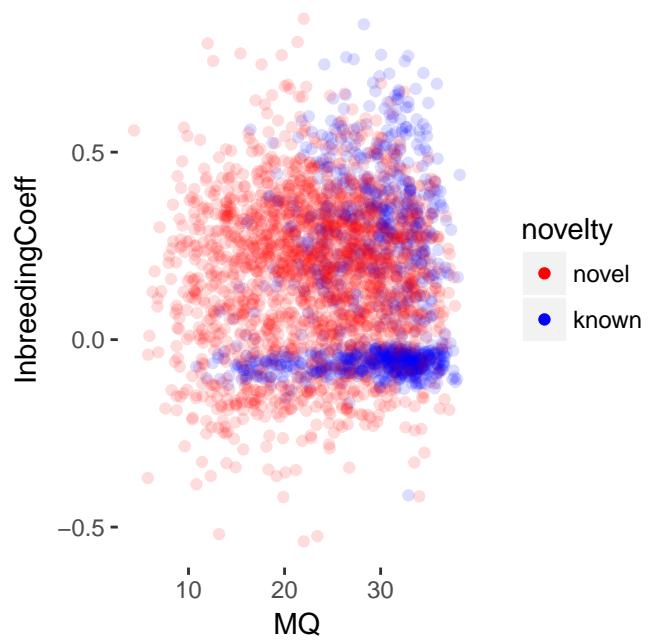
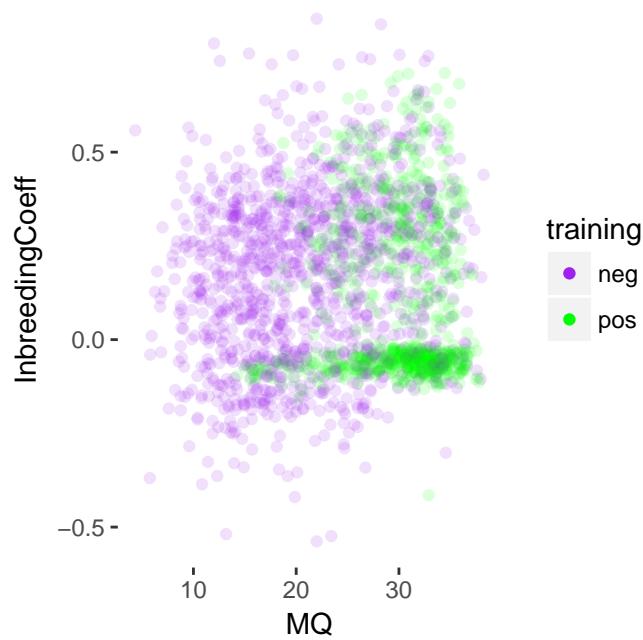
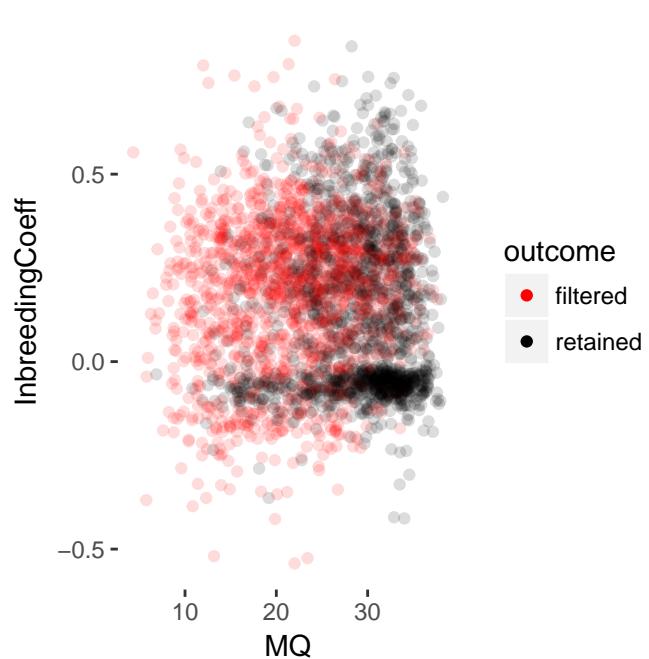
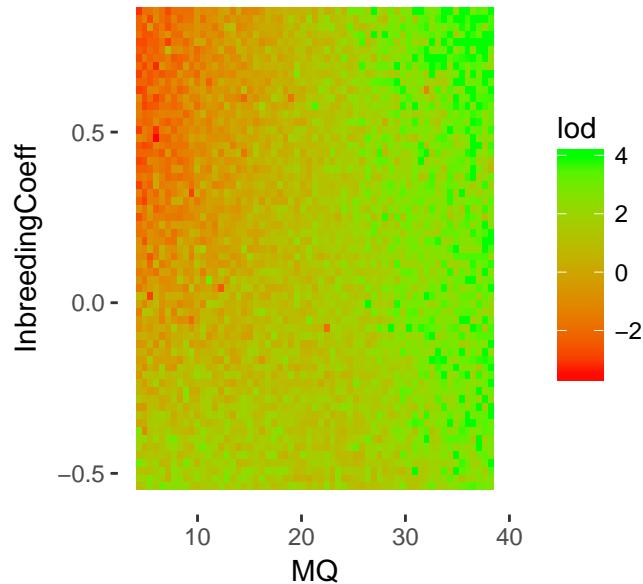
model PDF



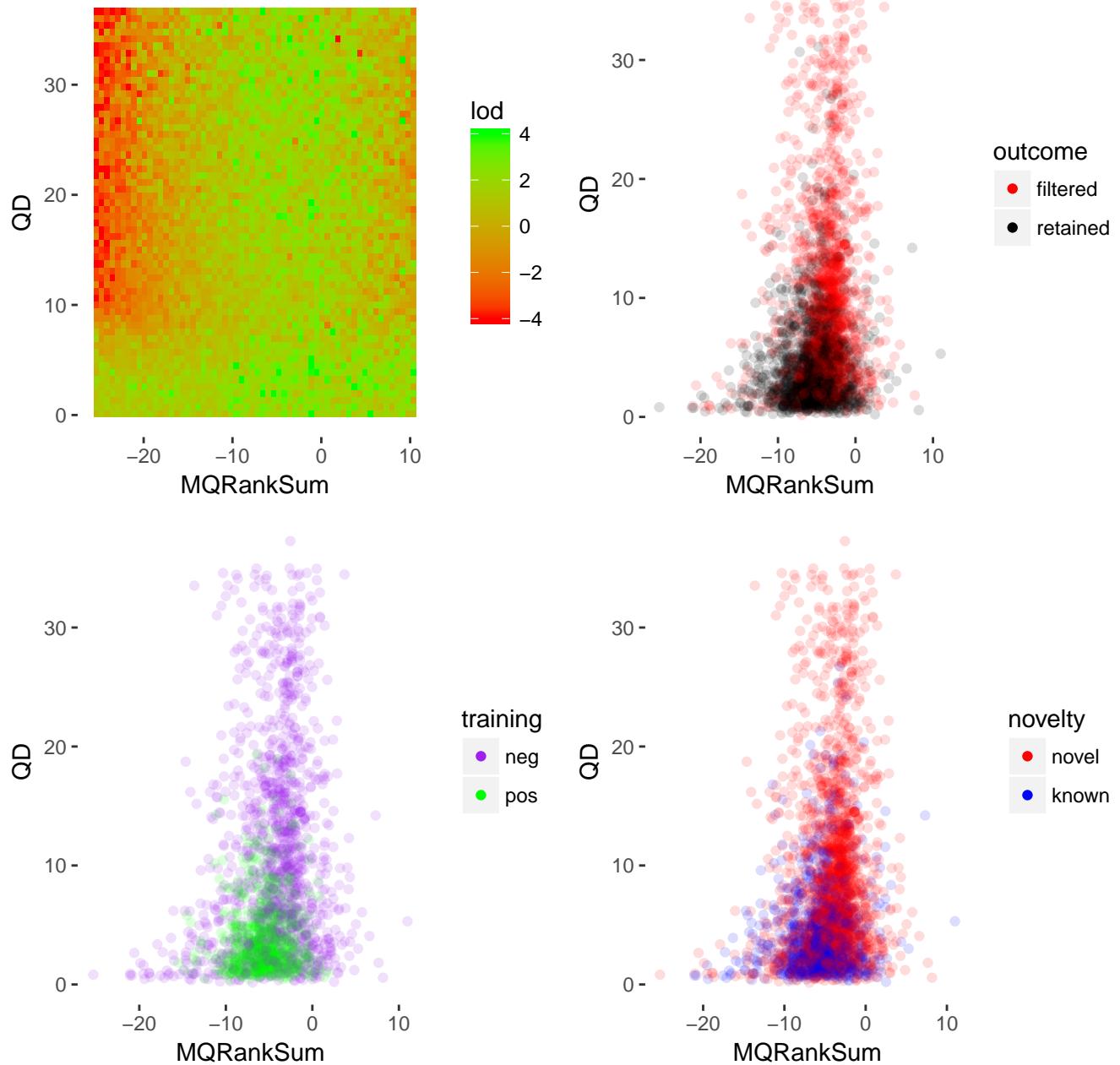
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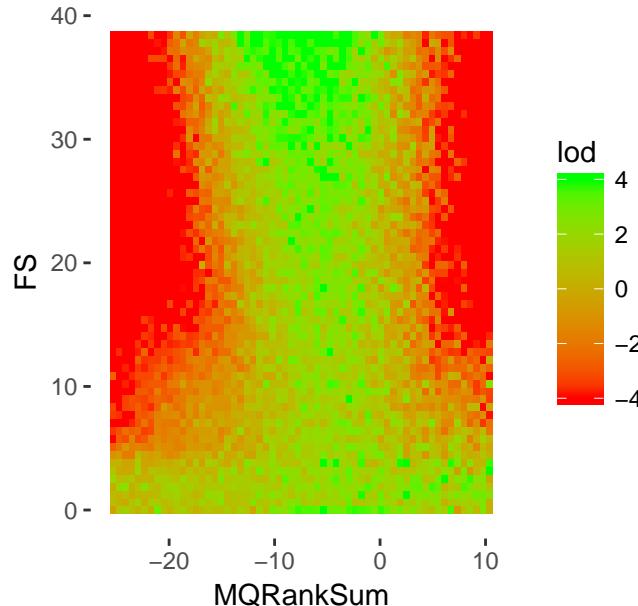
model PDF



model PDF

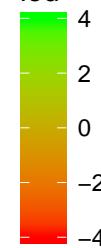


model PDF



FS

lod



FS

30

20

10

0

40

30

20

10

0

40

30

20

10

0

40

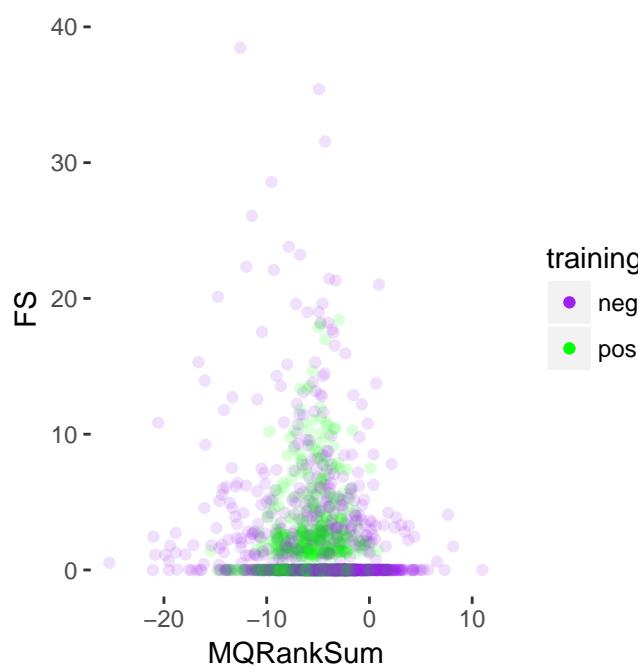
30

20

0

outcome

- filtered
- retained



training

● neg

● pos

40

30

20

10

0

40

30

20

0

40

30

20

0

novelty

- novel
- known

40

30

20

0

40

30

20

0

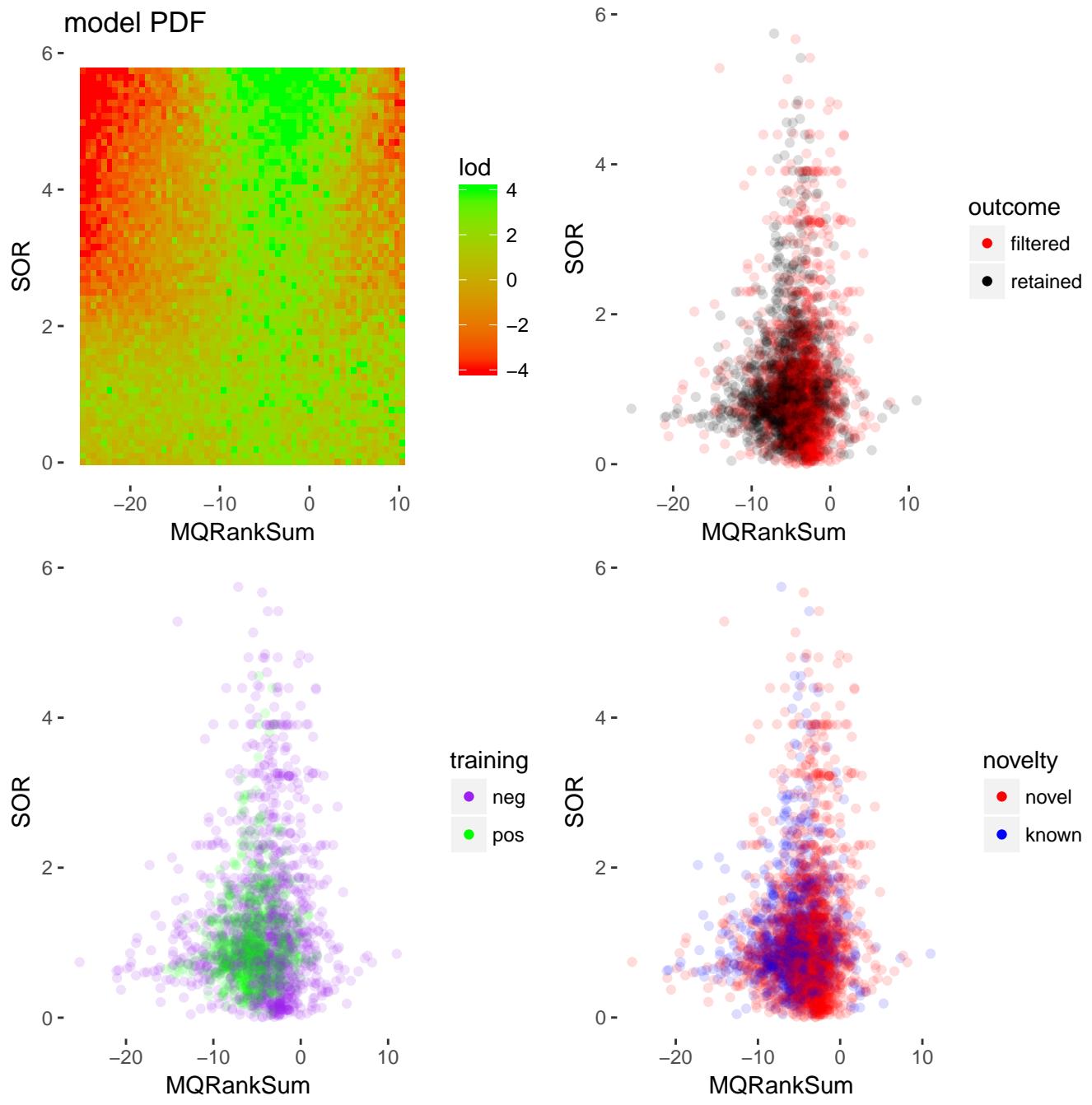
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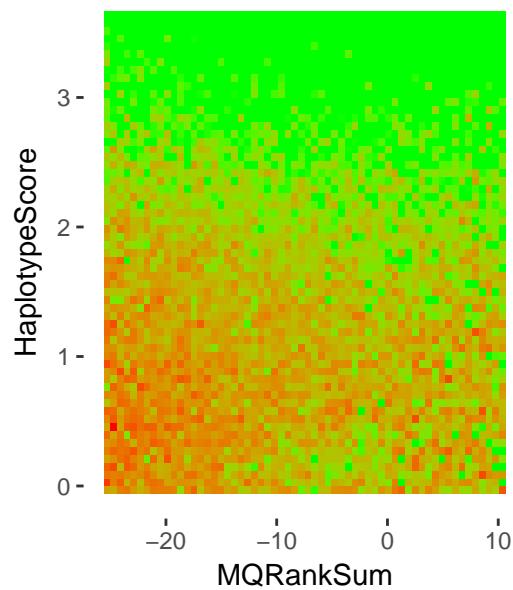
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MQRankSum



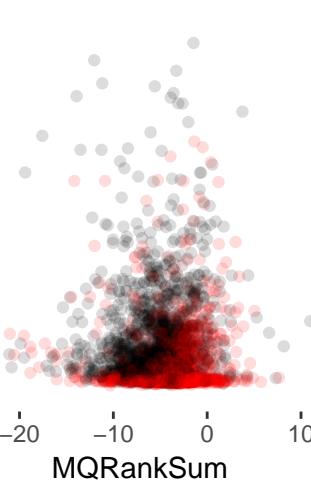
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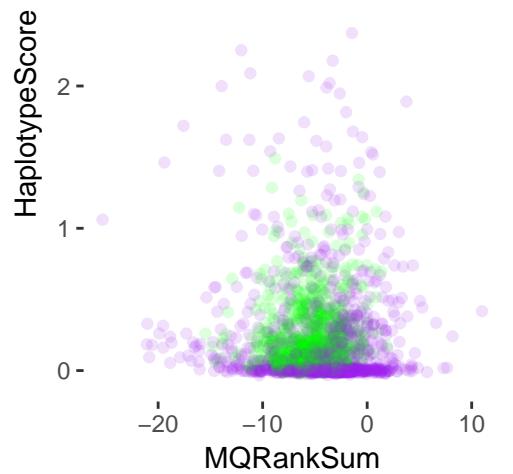
lod  
4  
3  
2  
1  
0

HaplotypeScore  
3  
2  
1  
0

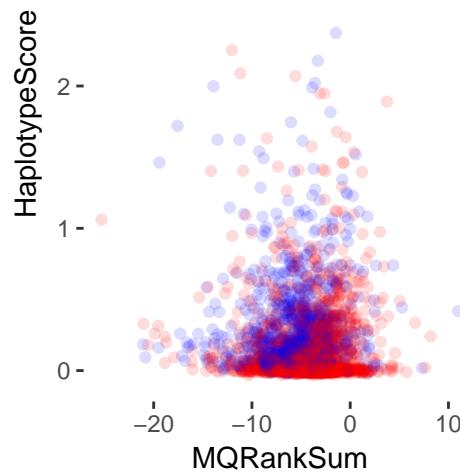
HaplotypeScore  
3  
2  
1  
0



outcome  
● filtered  
● retained

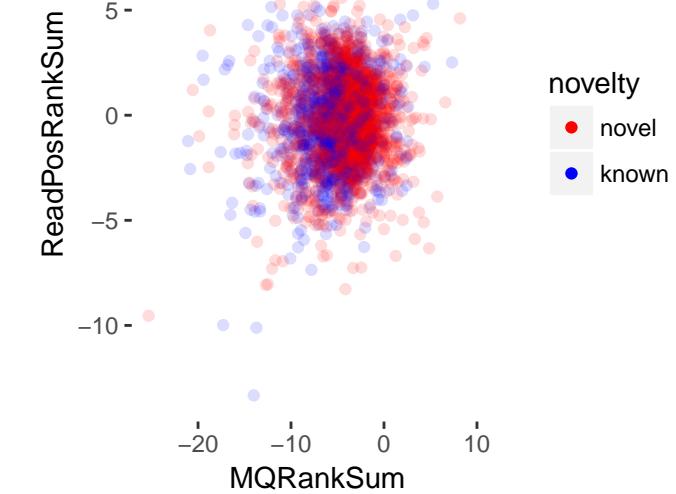
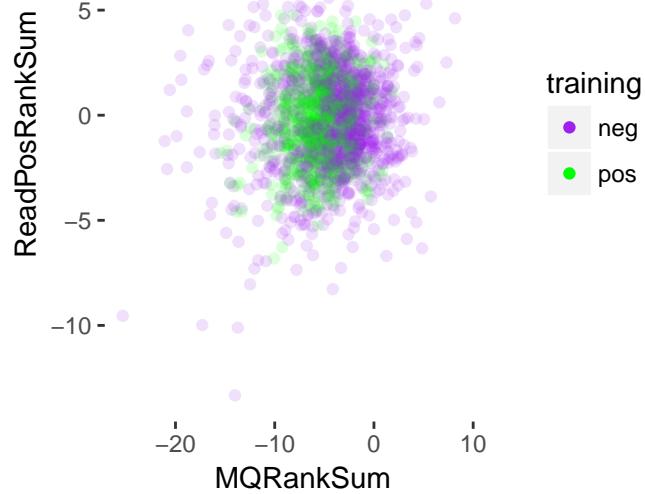
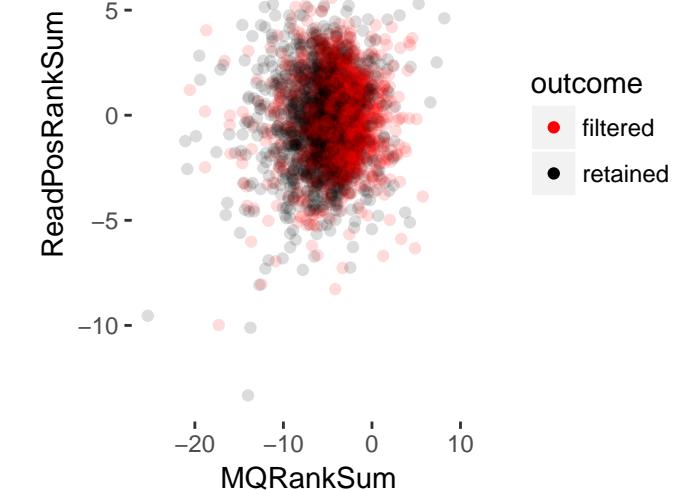
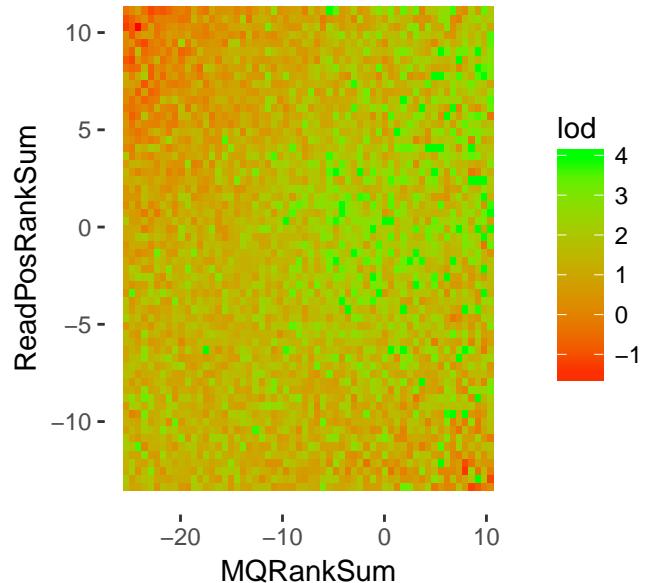


training  
● neg  
● pos

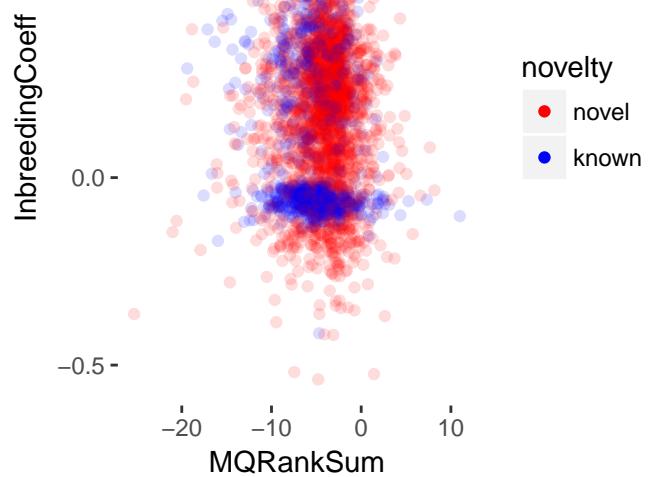
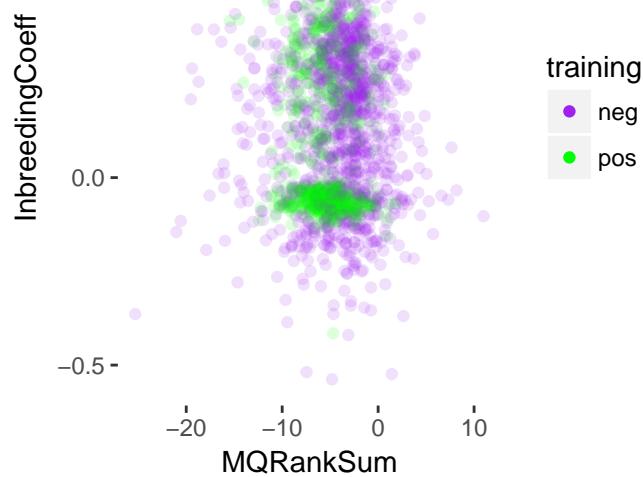
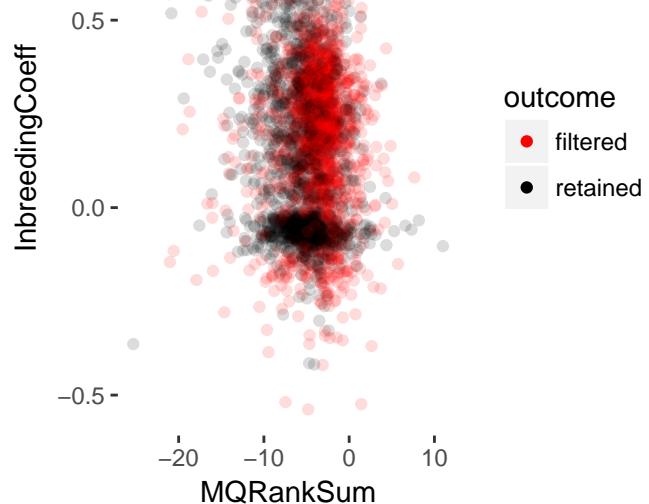
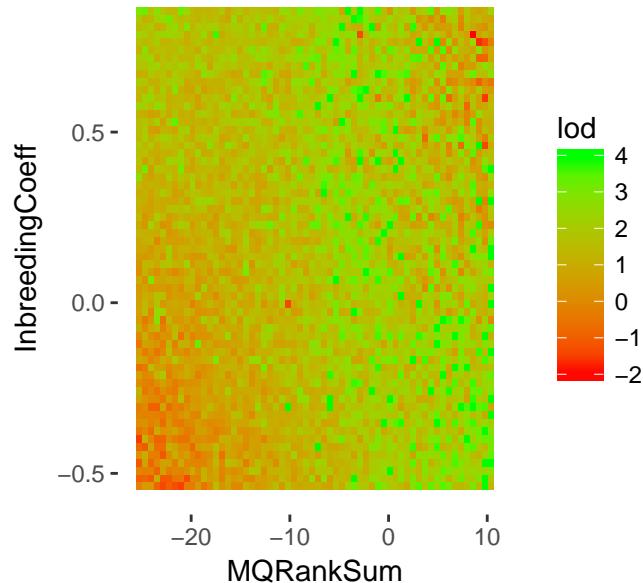


novelty  
● novel  
● known

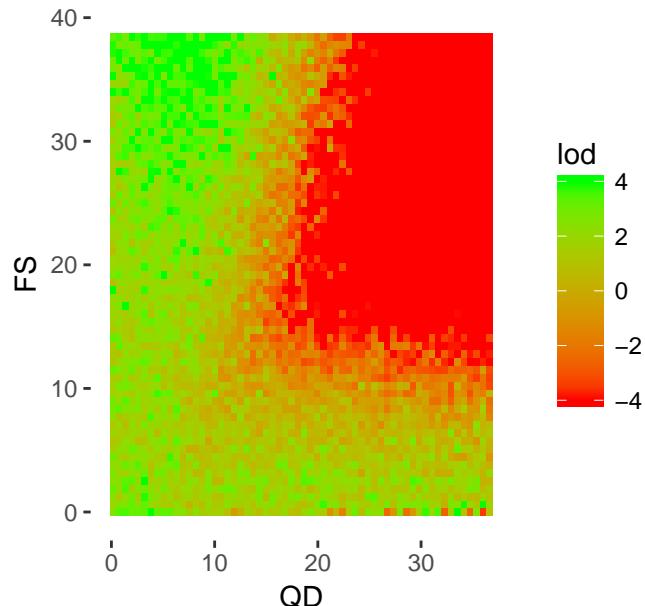
model PDF



model PDF



model PDF



40 -

30 -

FS

lod

4

2

0

-2

-4

10 -

0 -

0 10 20 30

QD

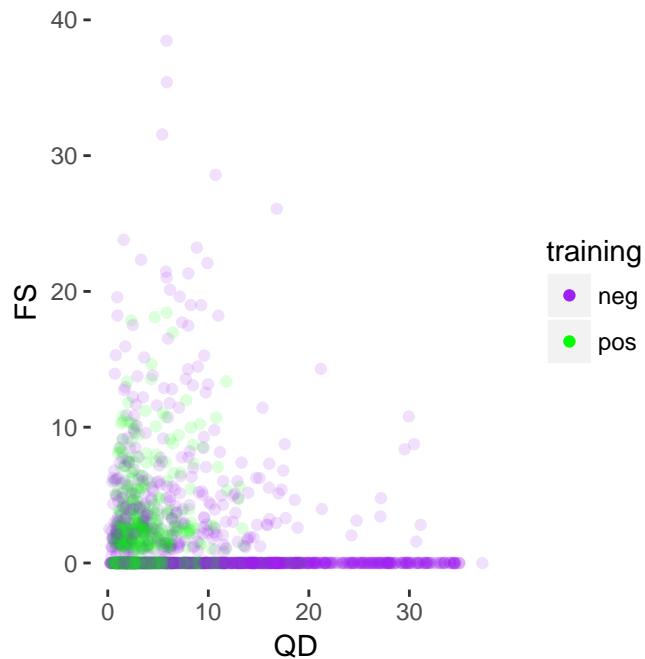
40 -

30 -

0 -

QD

outcome  
● filtered  
● retained



training

● neg

● pos

40 -

30 -

FS

40 -

30 -

0 -

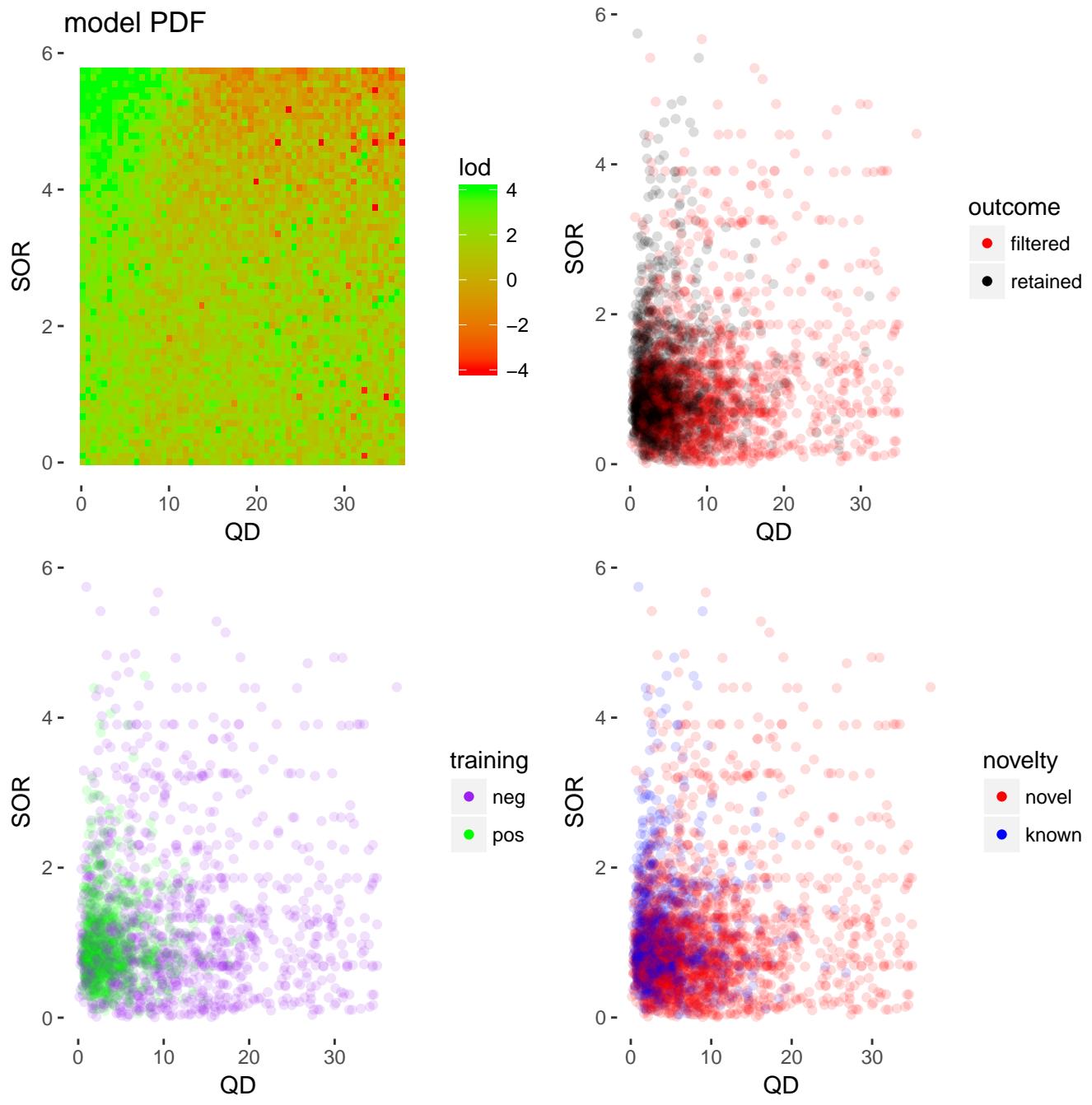
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QD

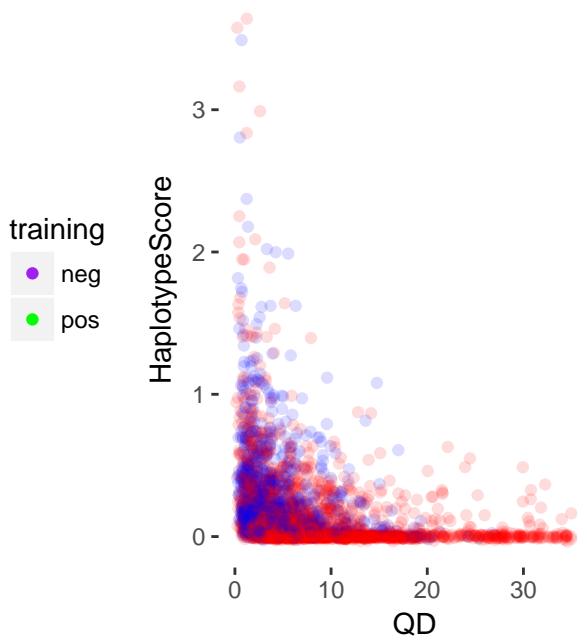
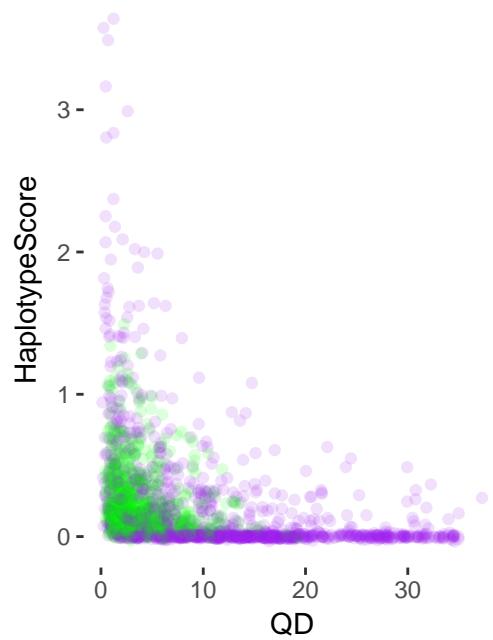
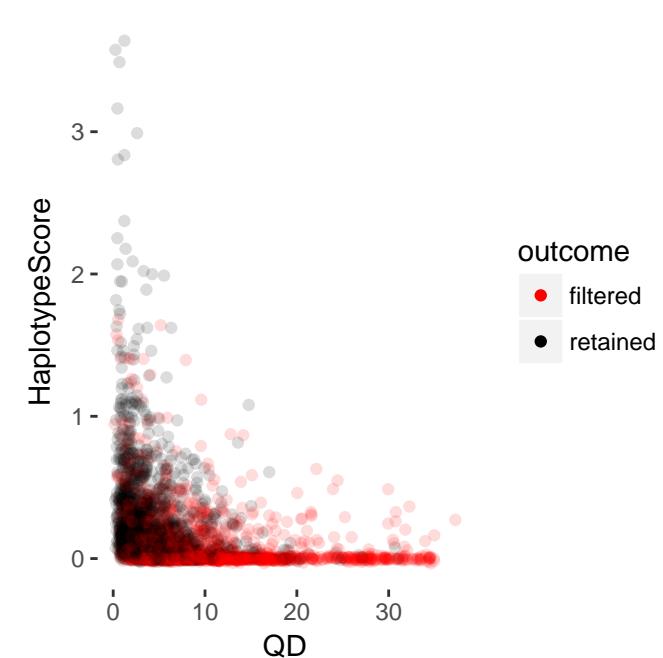
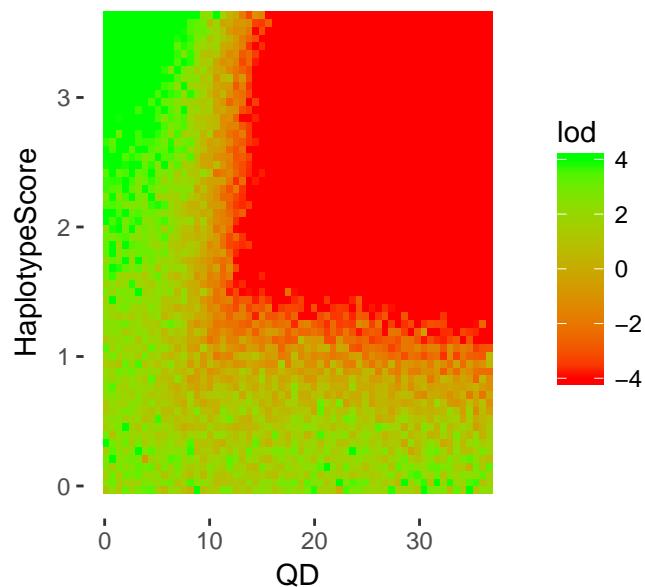
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QD

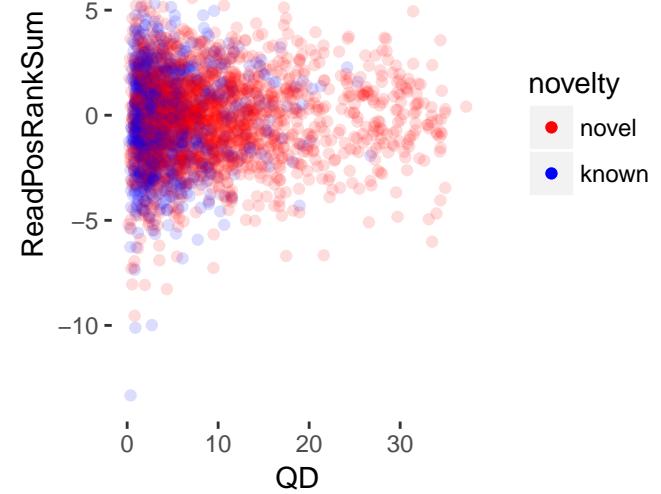
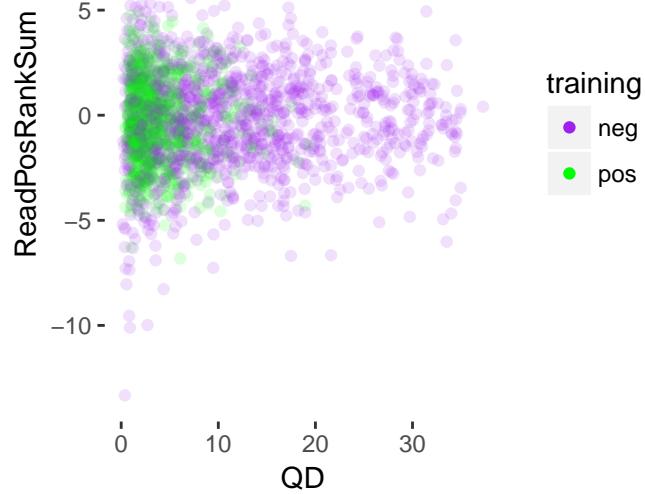
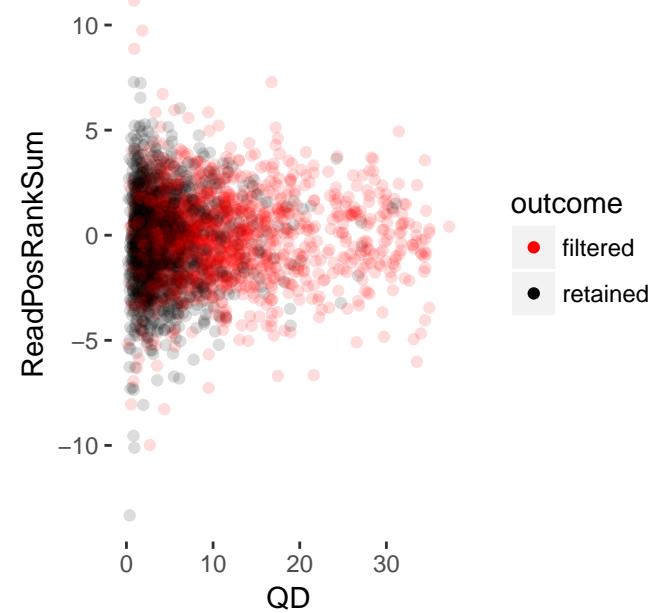
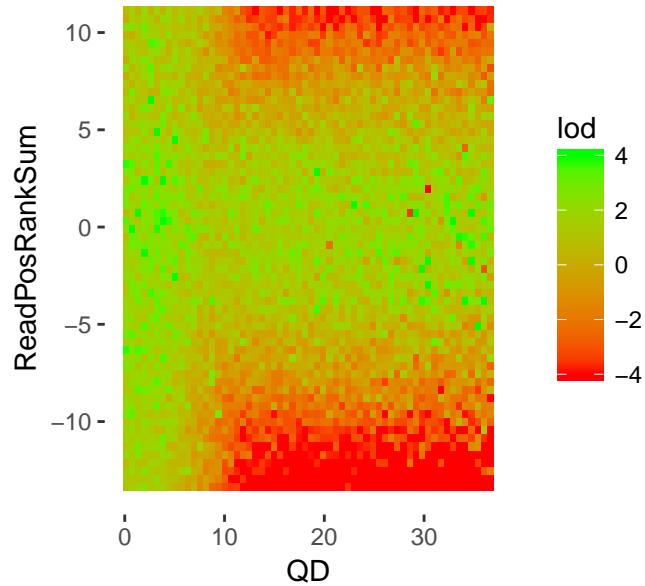
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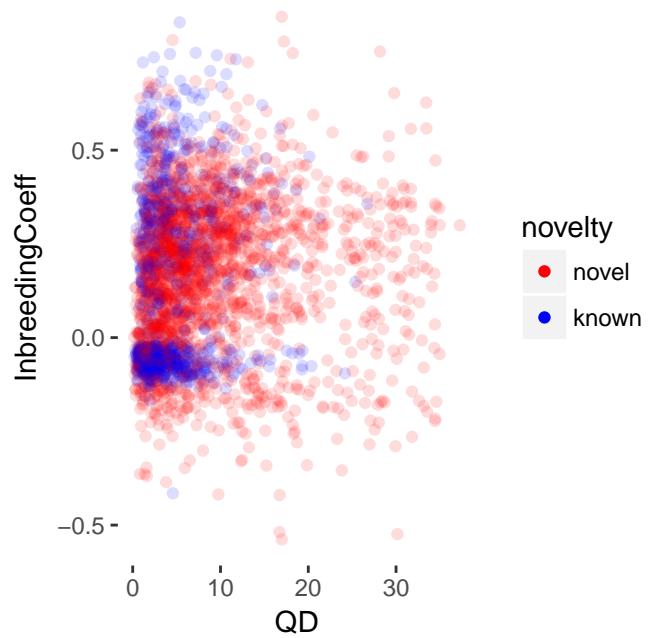
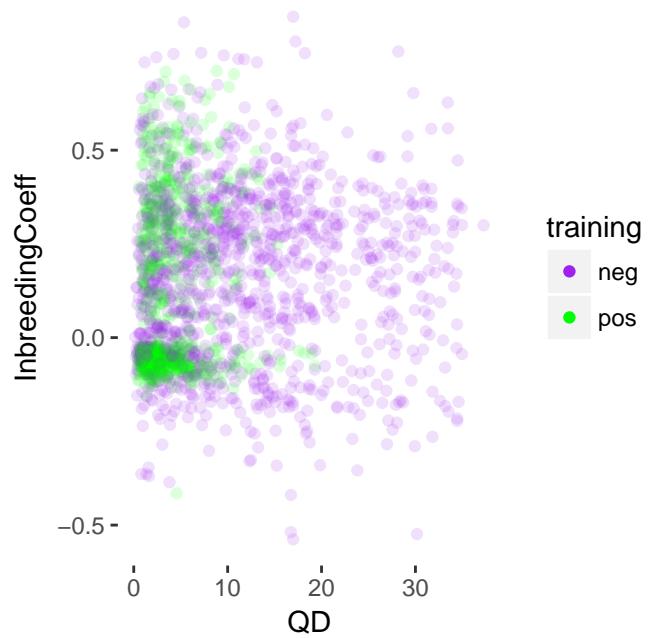
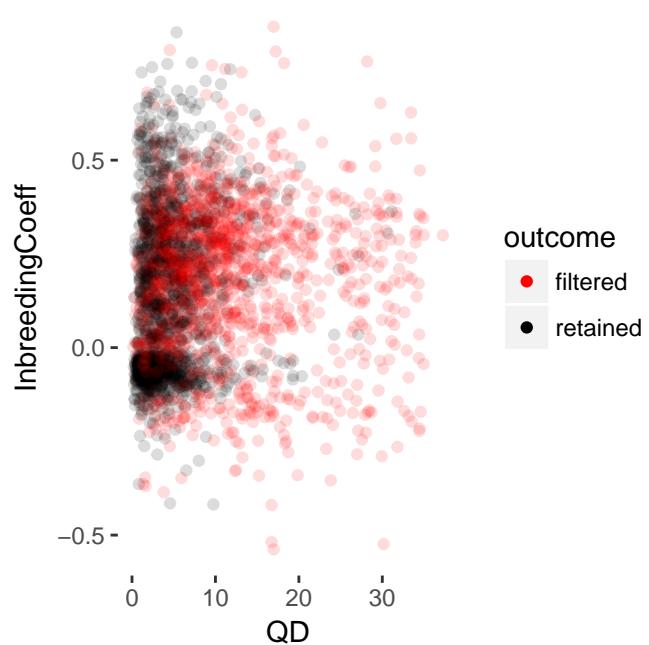
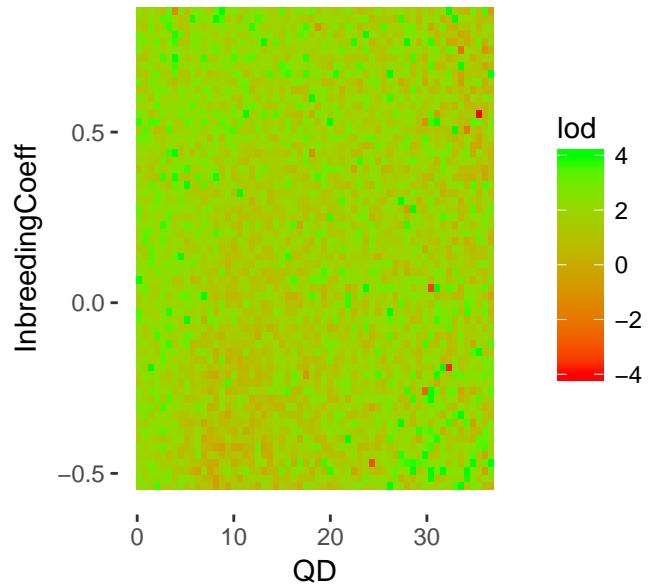
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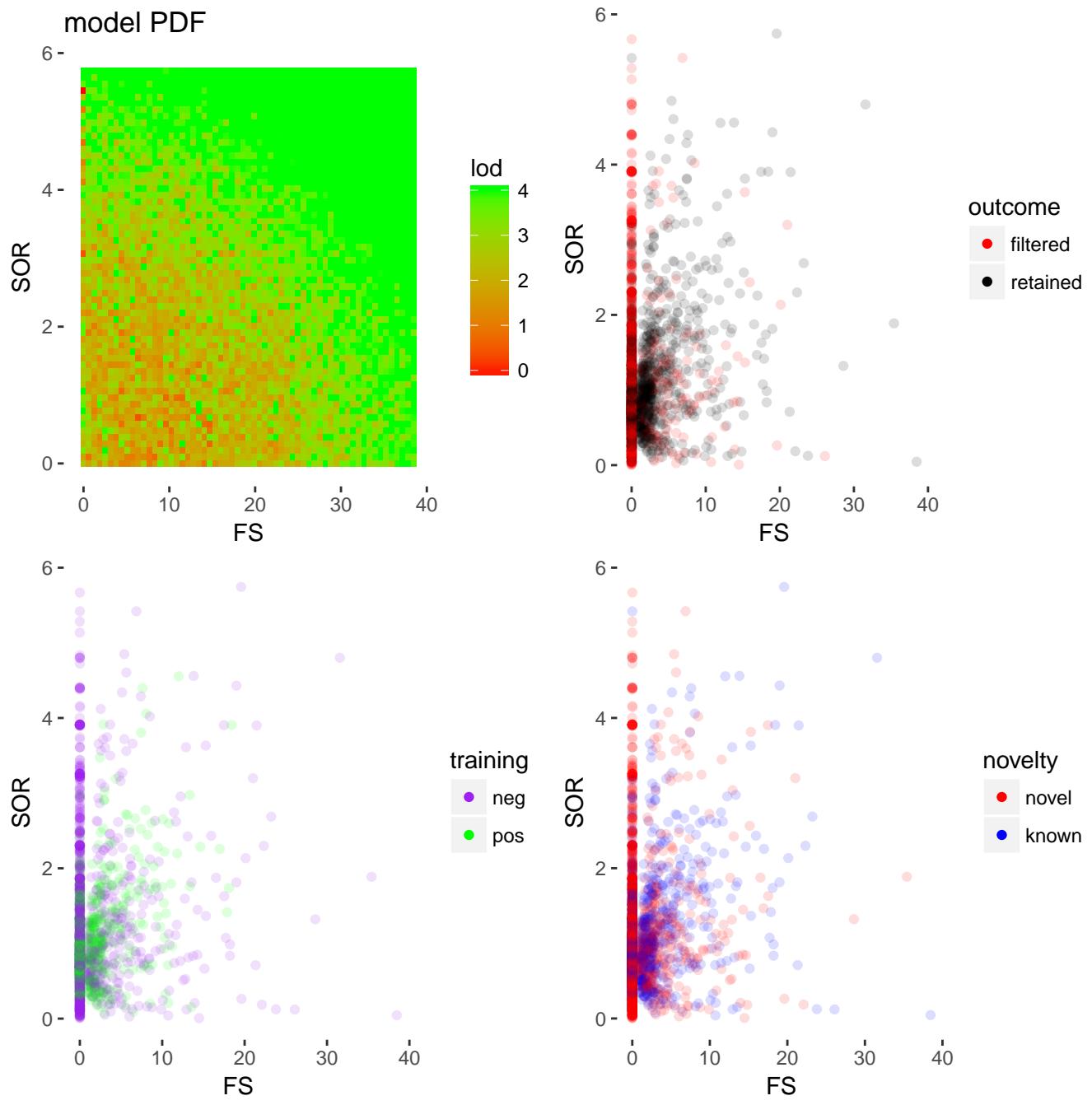


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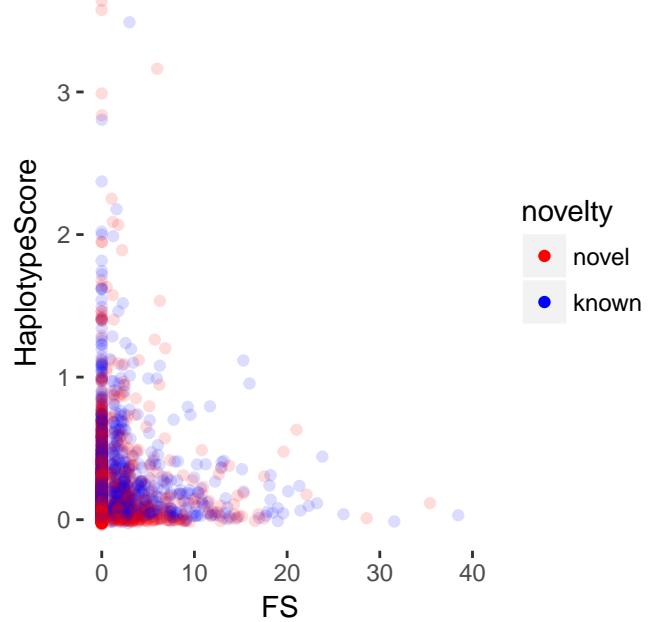
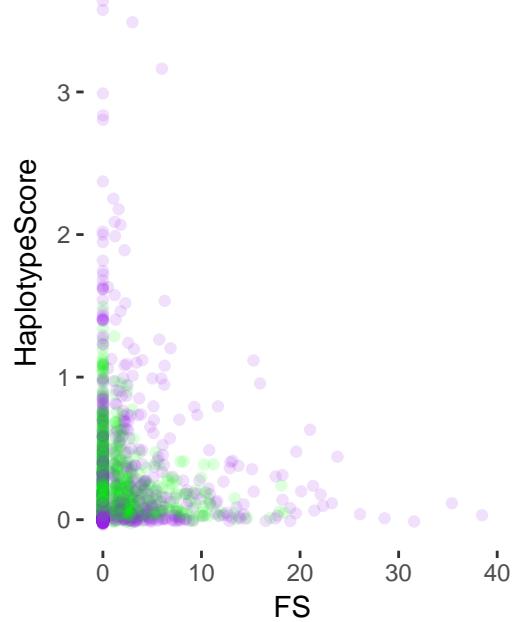
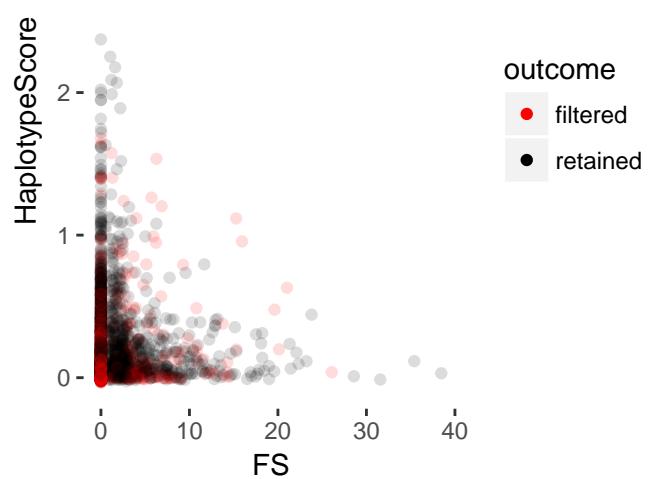
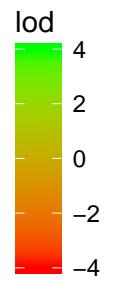
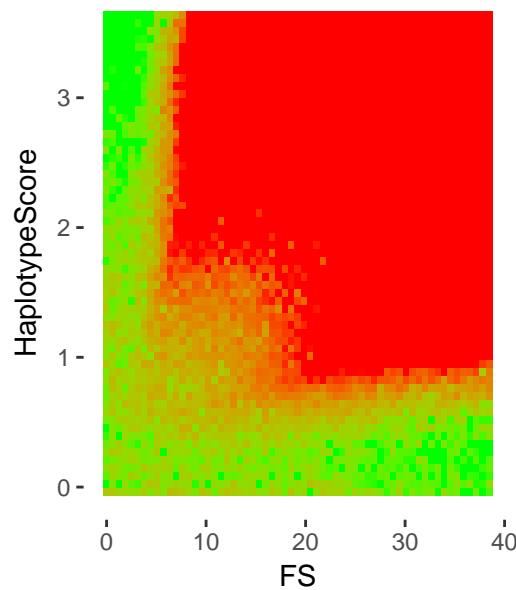


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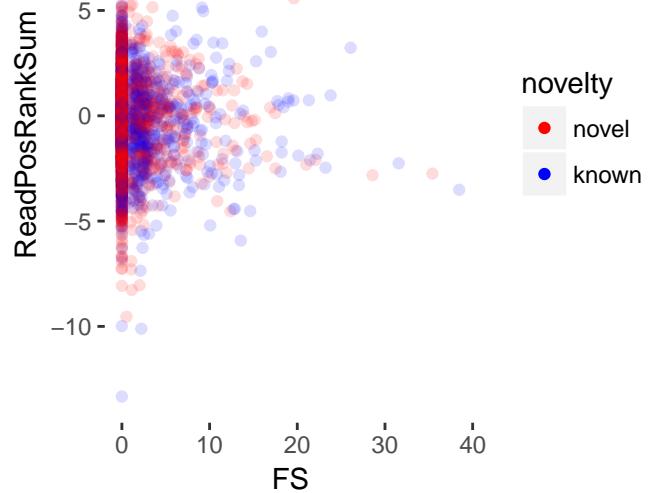
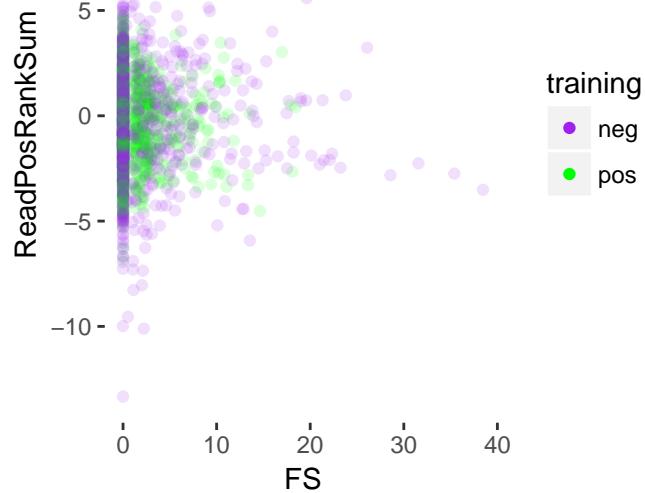
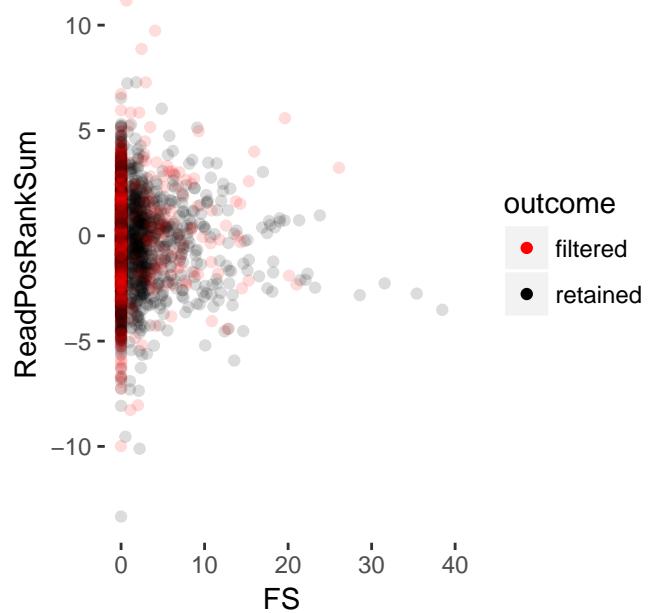
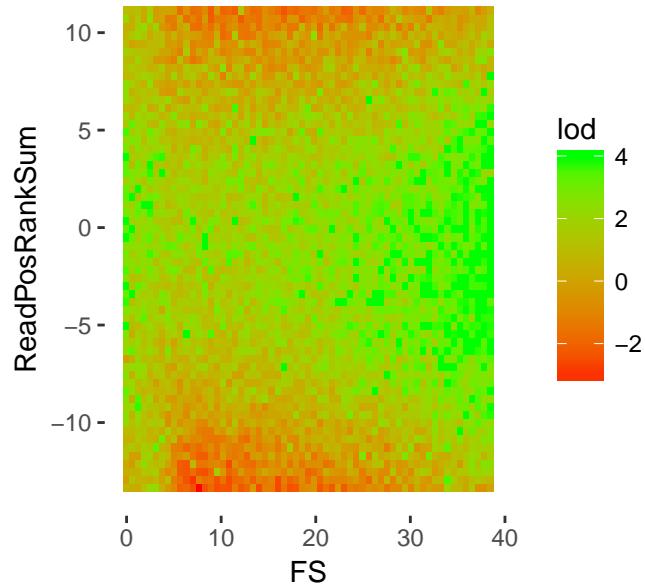




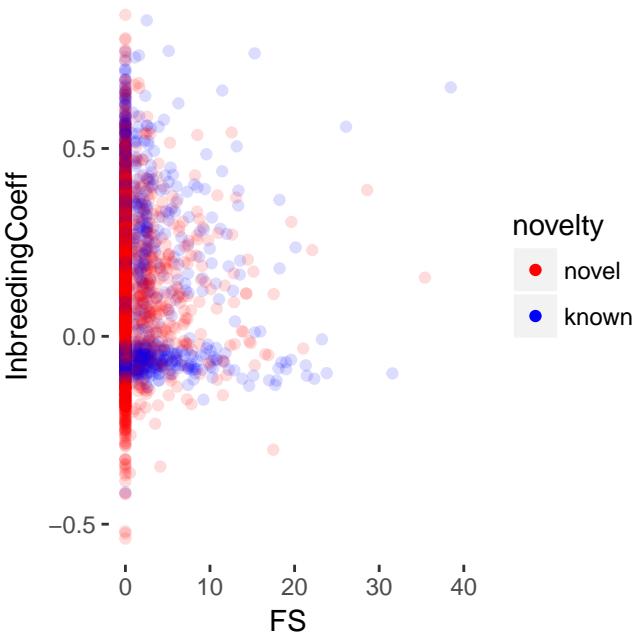
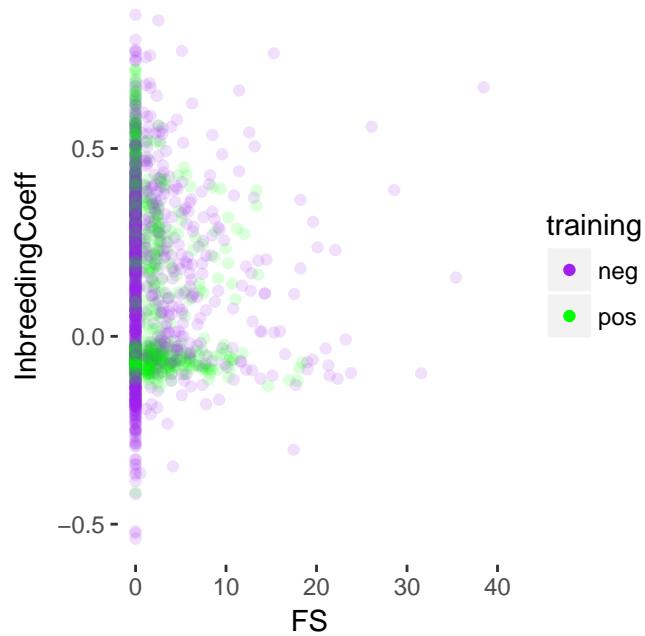
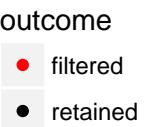
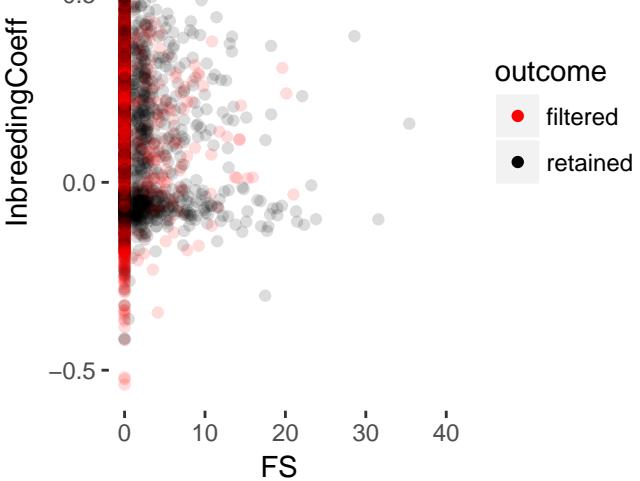
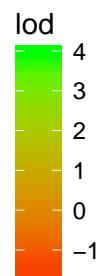
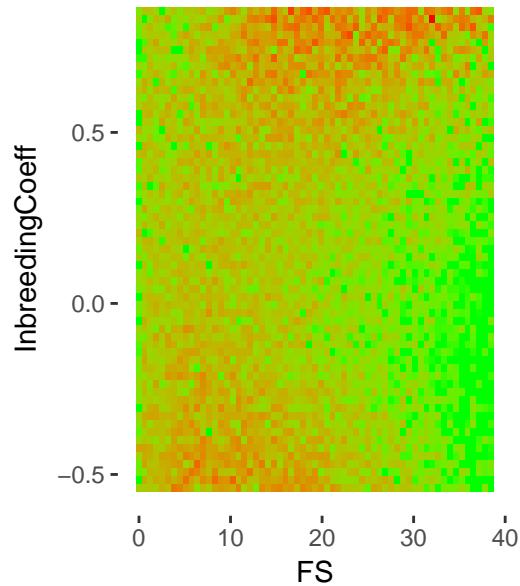
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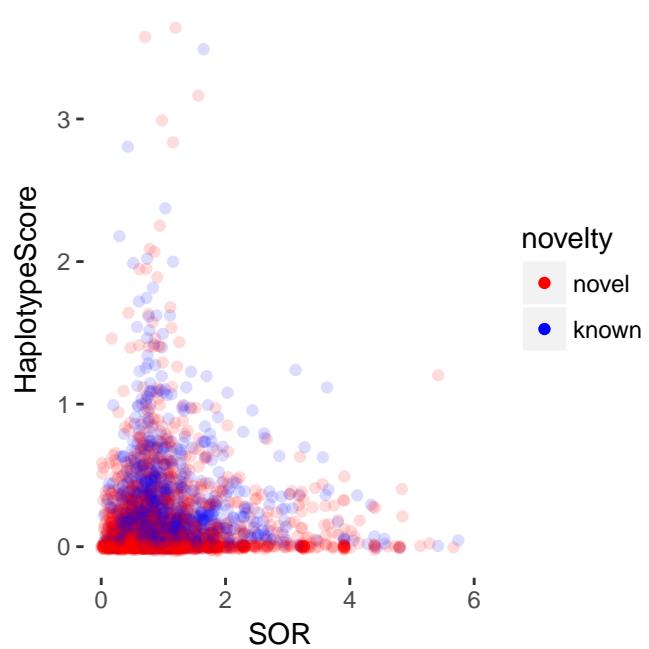
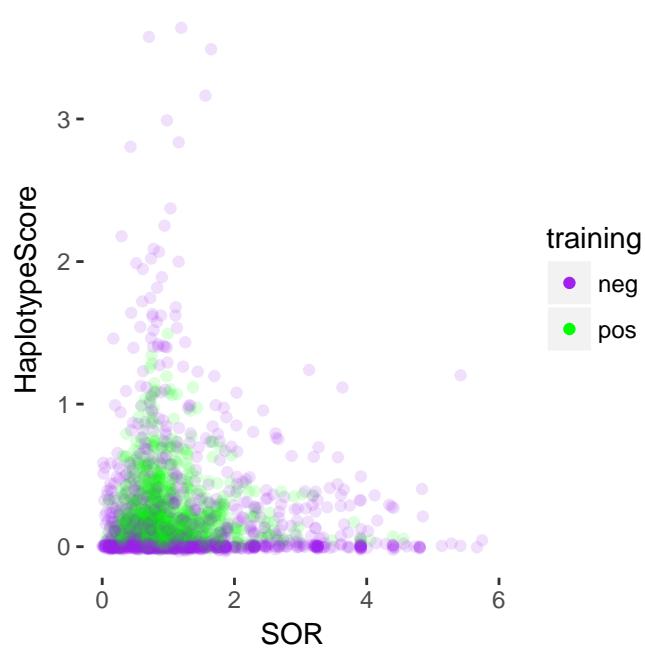
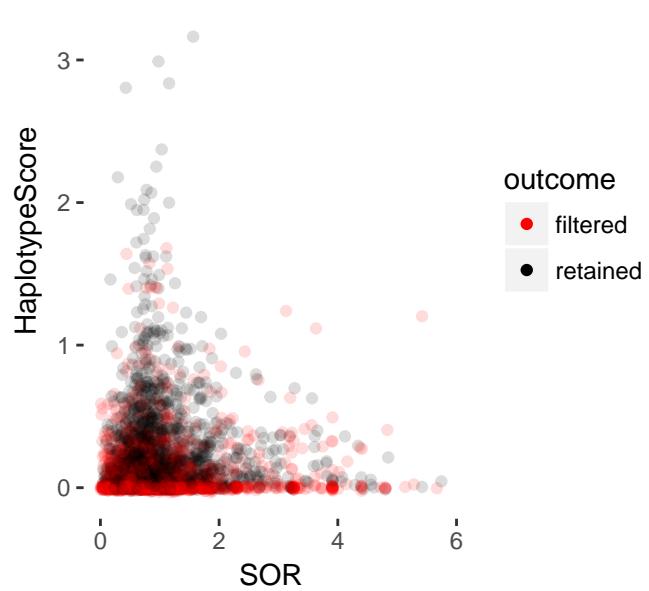
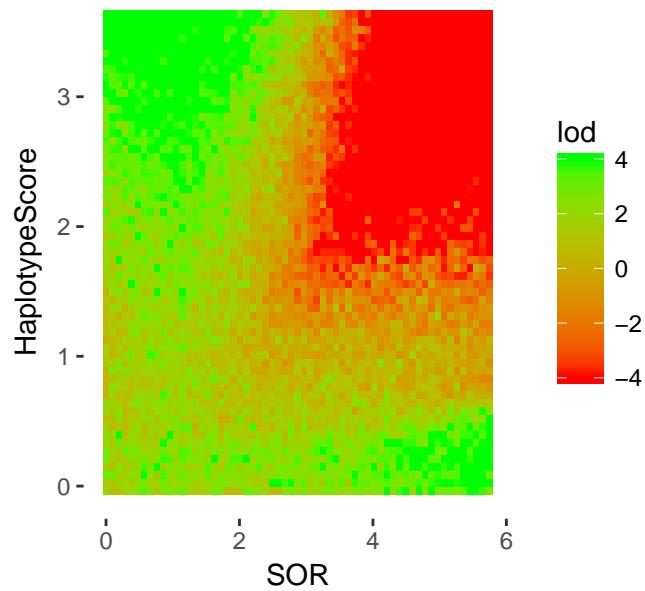
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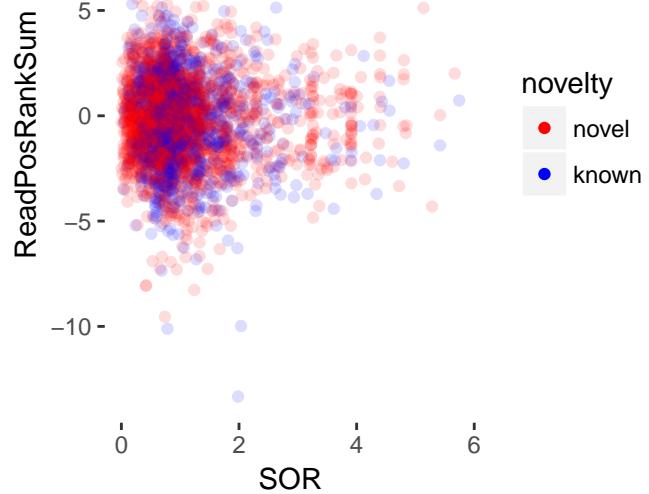
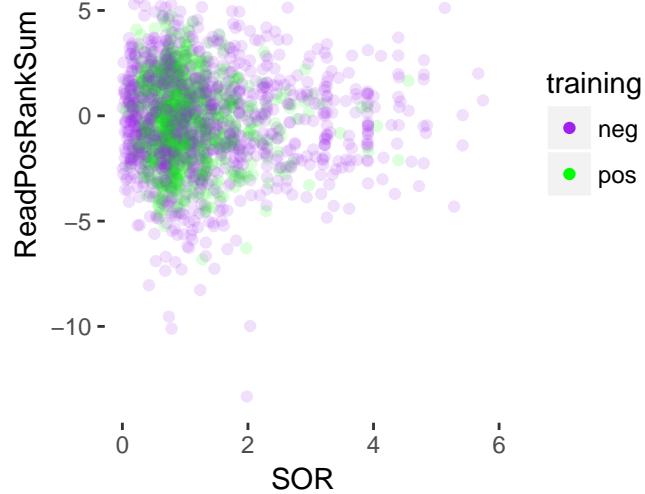
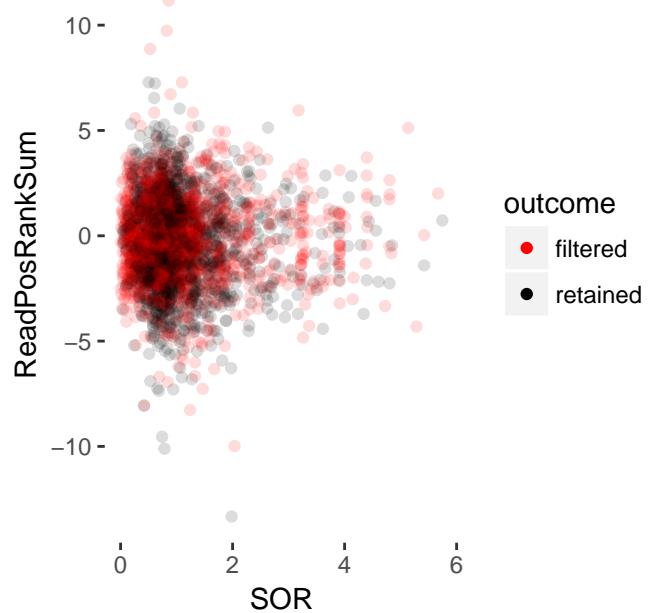
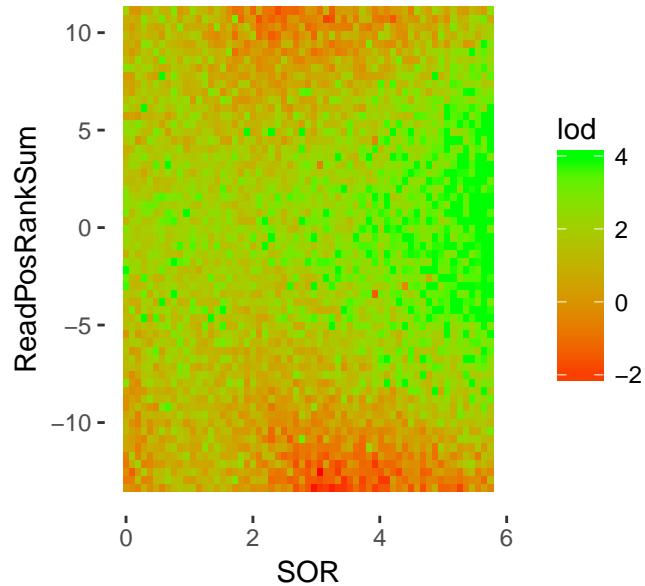
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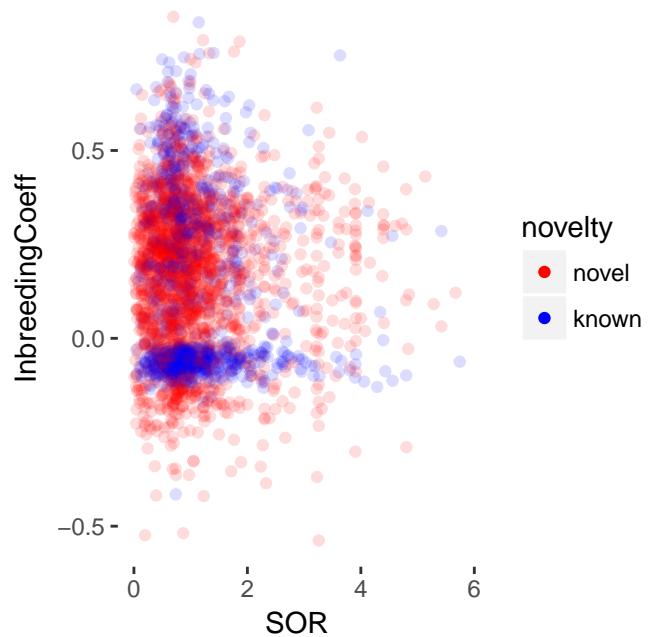
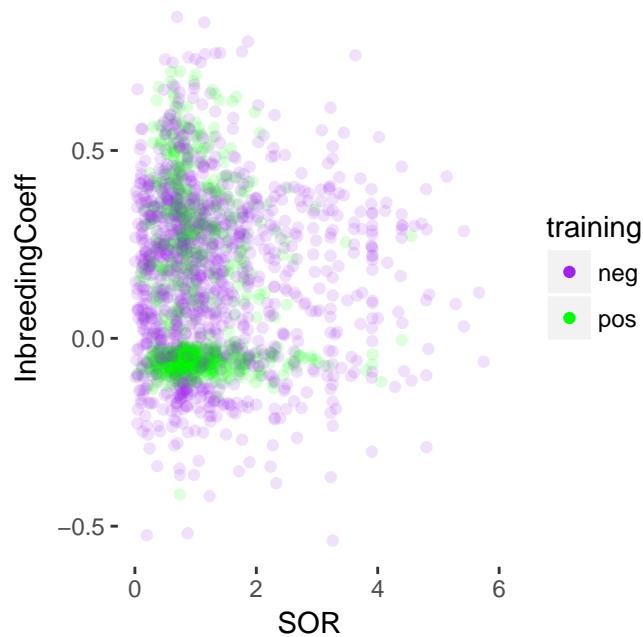
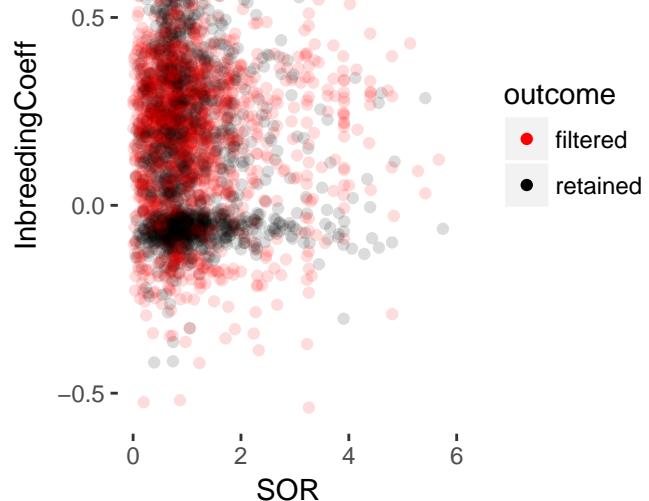
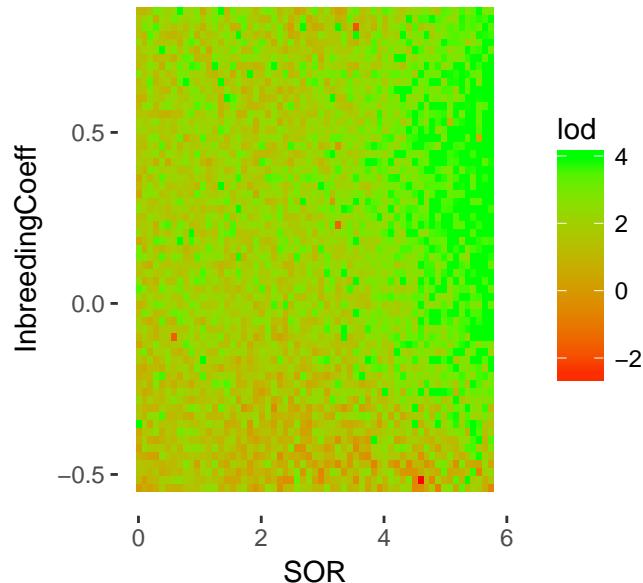
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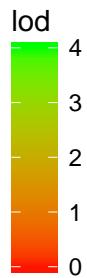
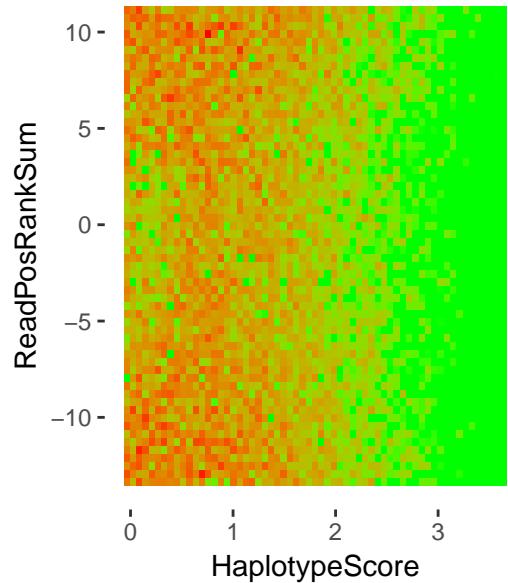
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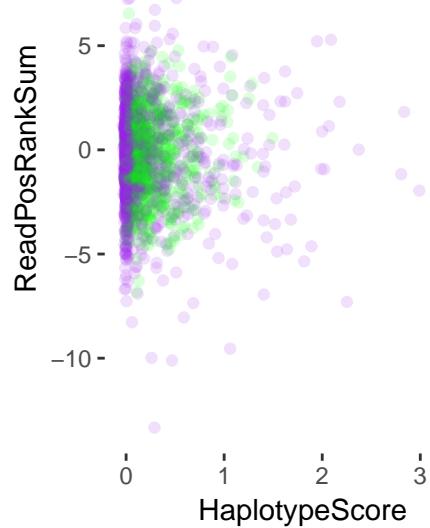
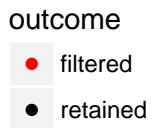
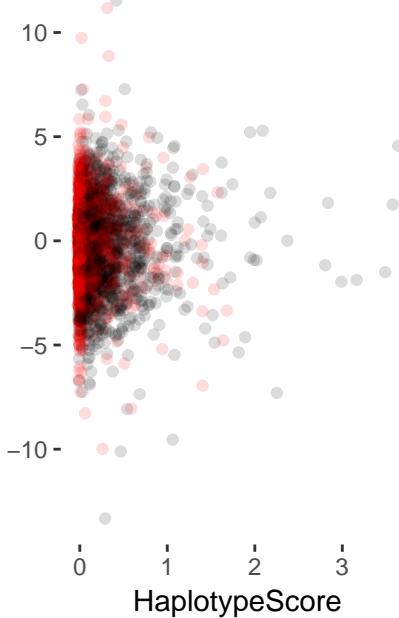
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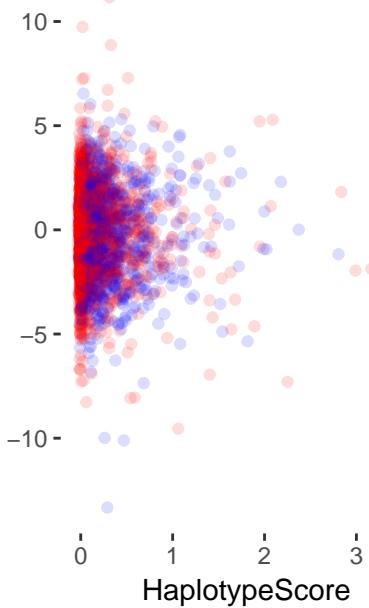
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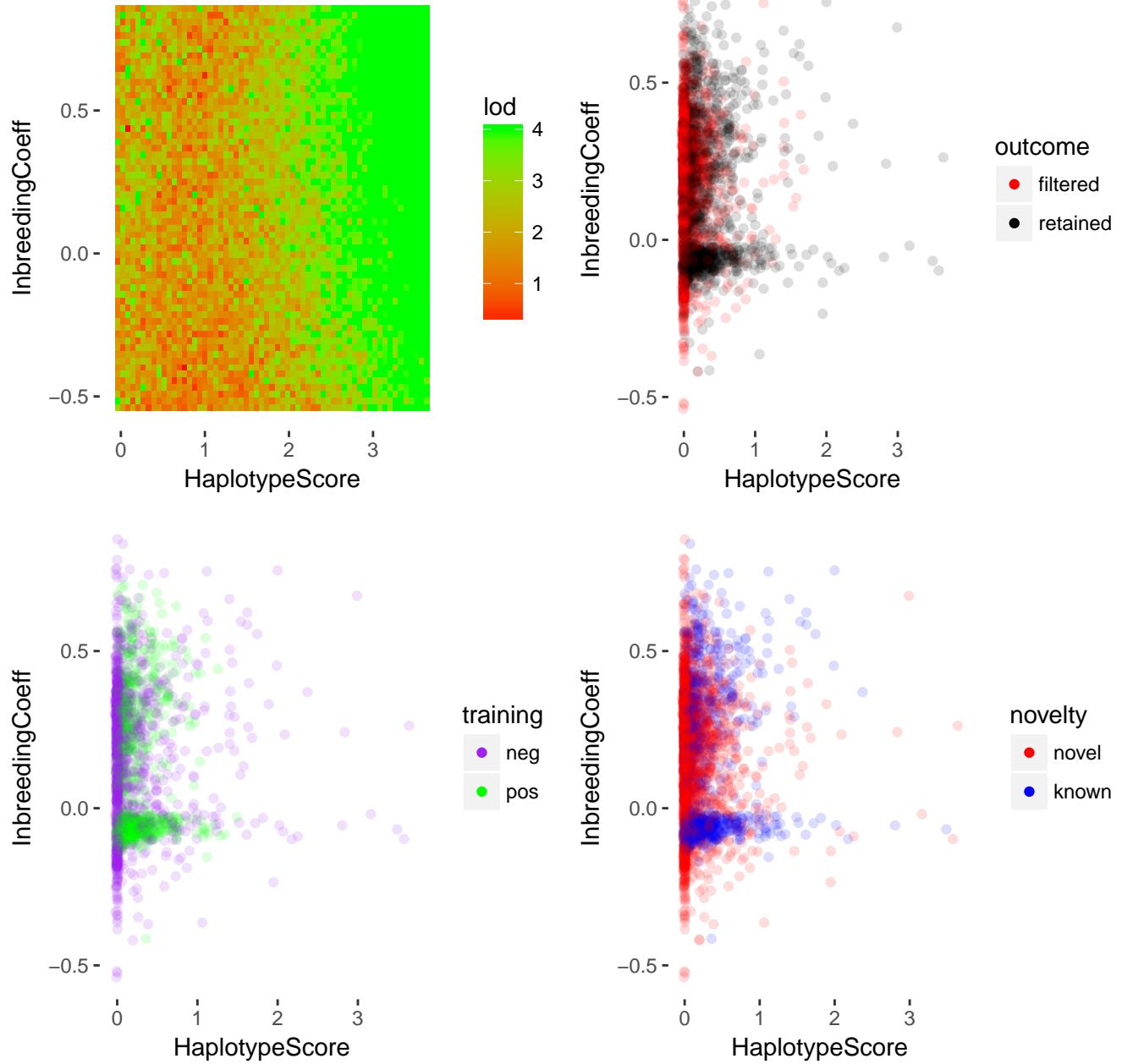
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