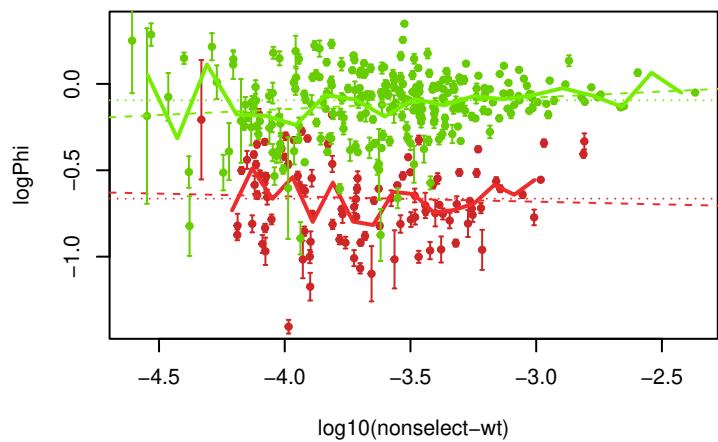
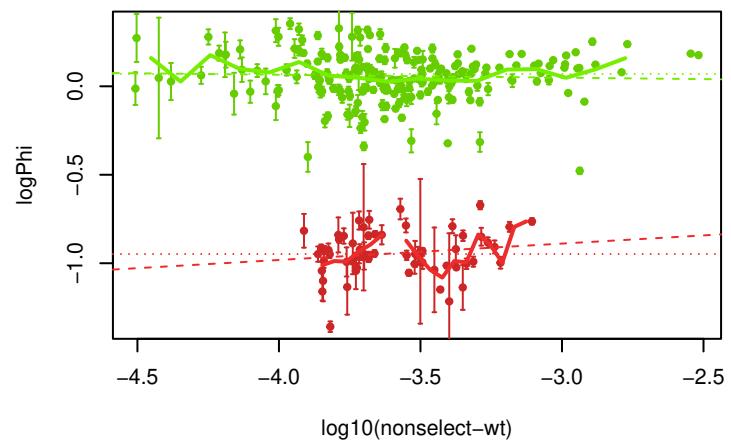


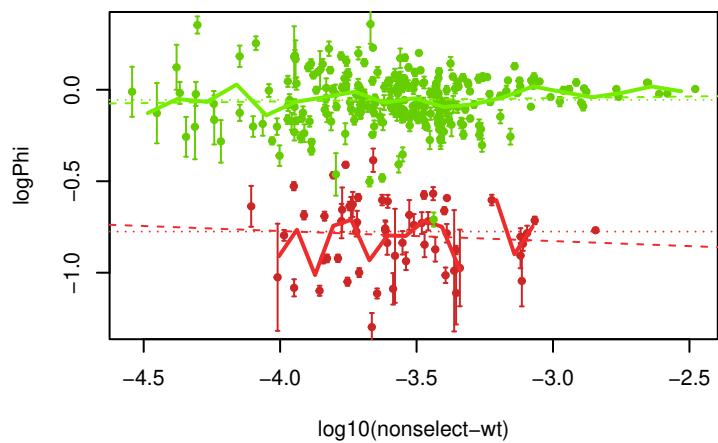
**Region 1**



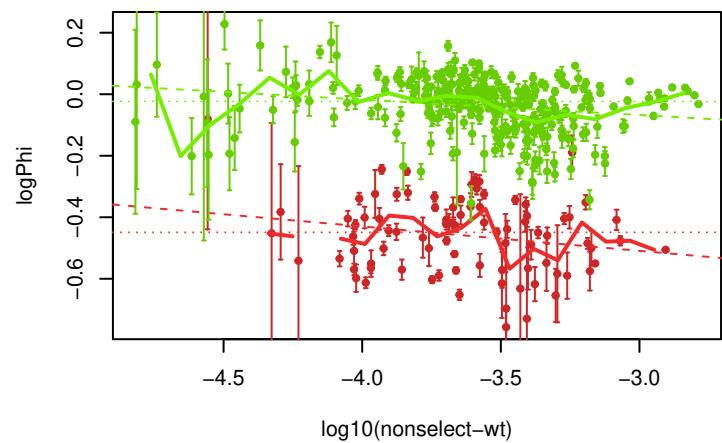
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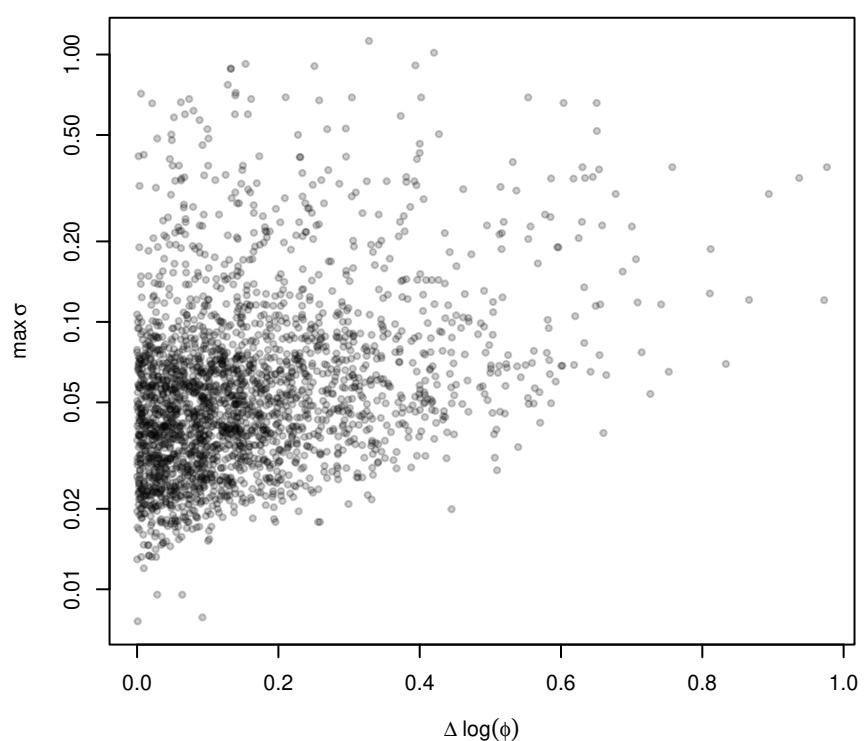
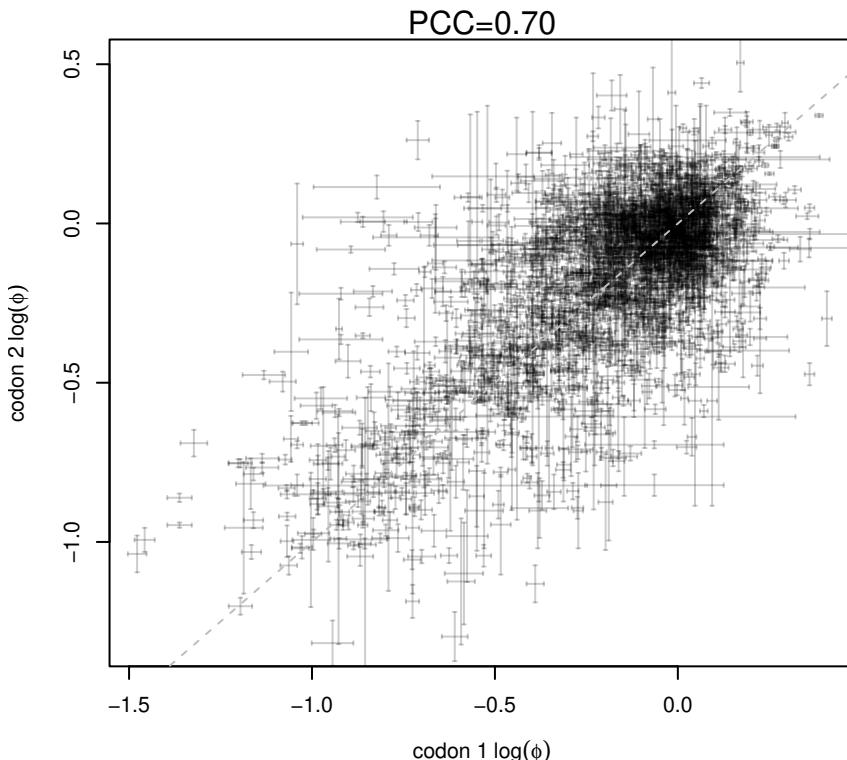
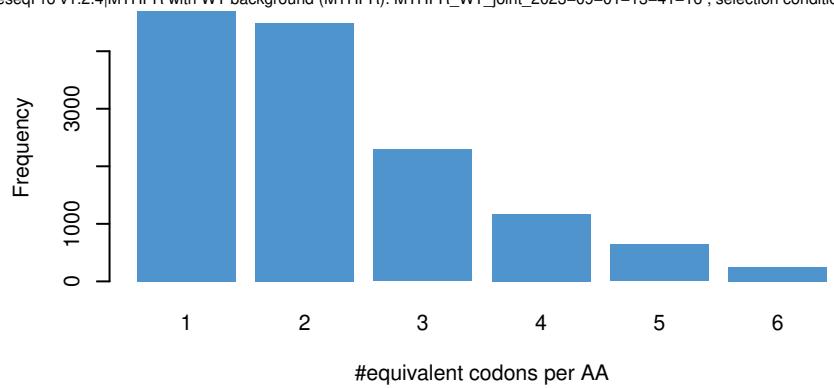


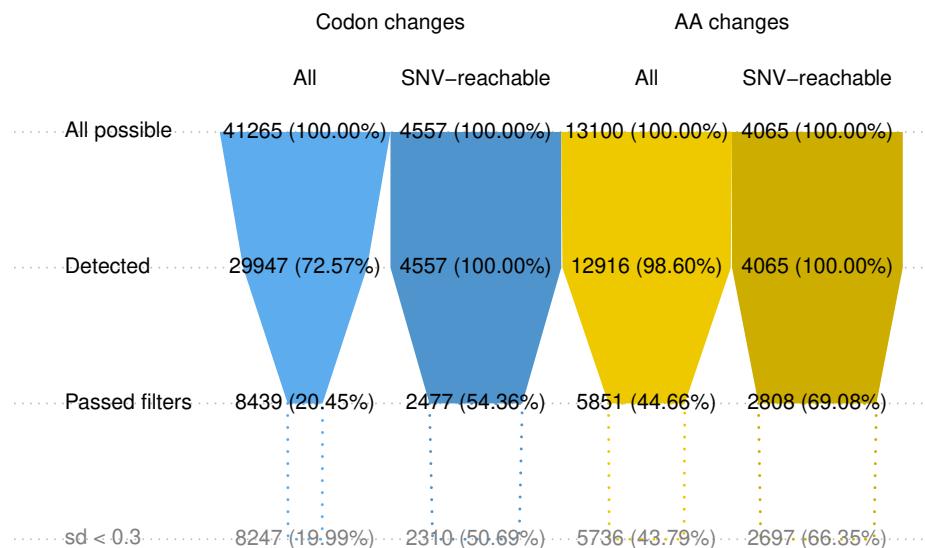
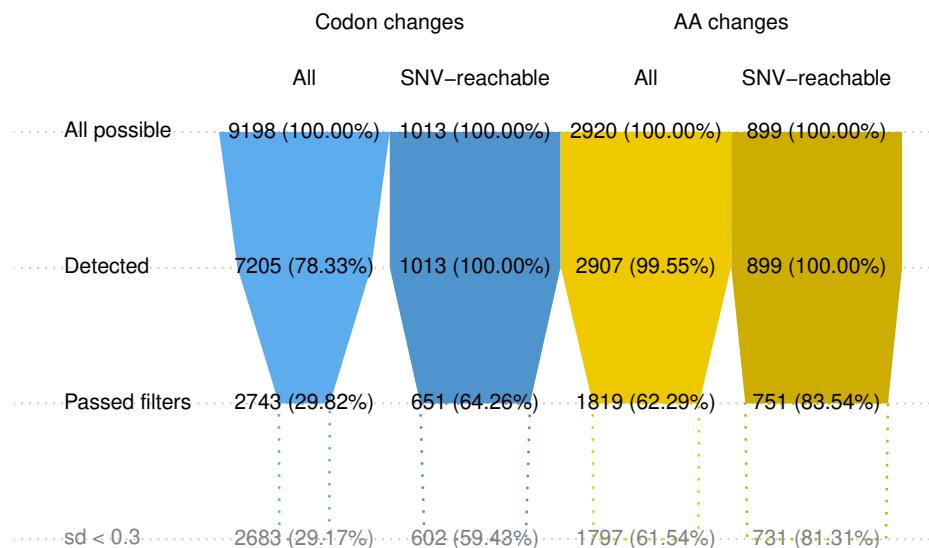
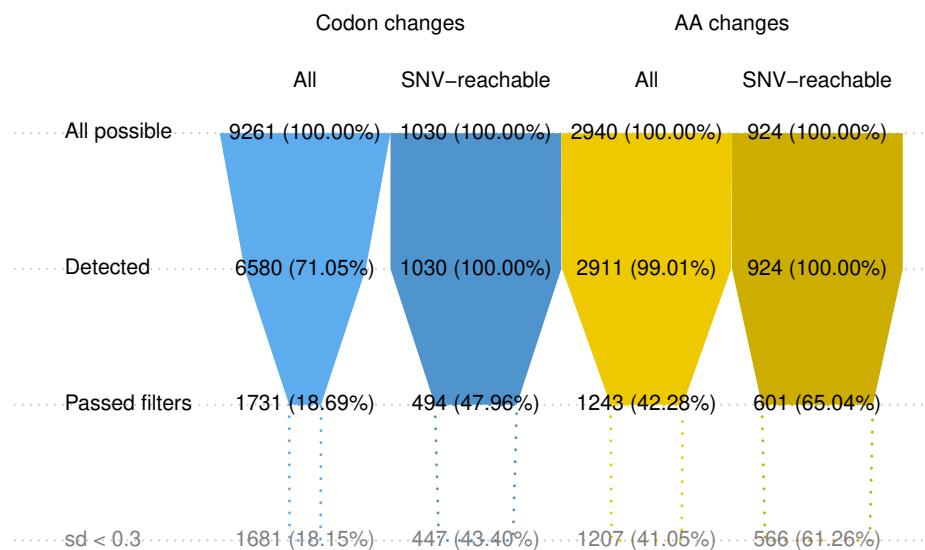
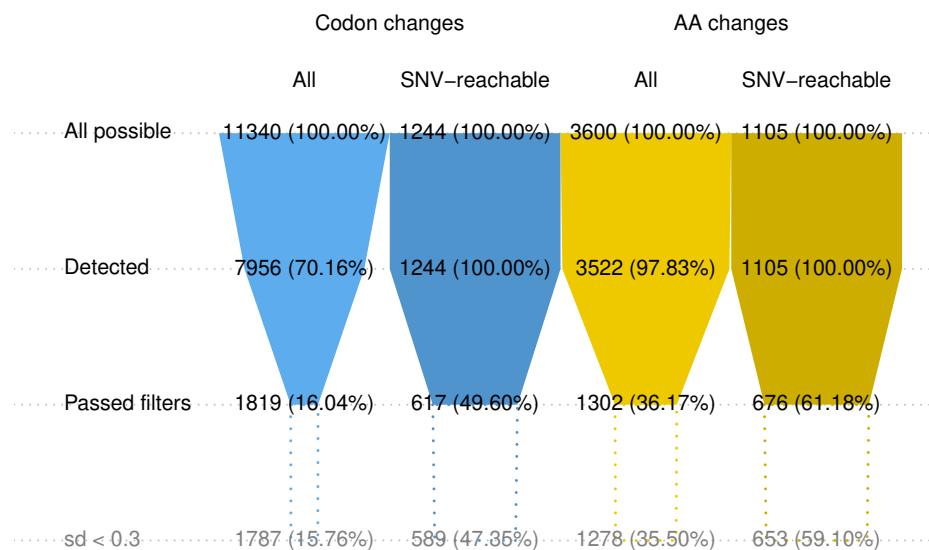
**Region 3**



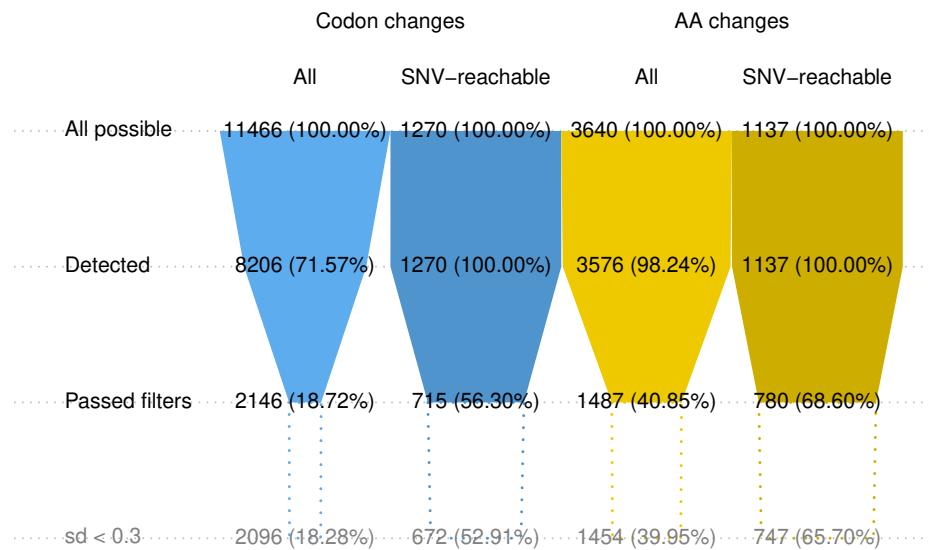
**Region 4**

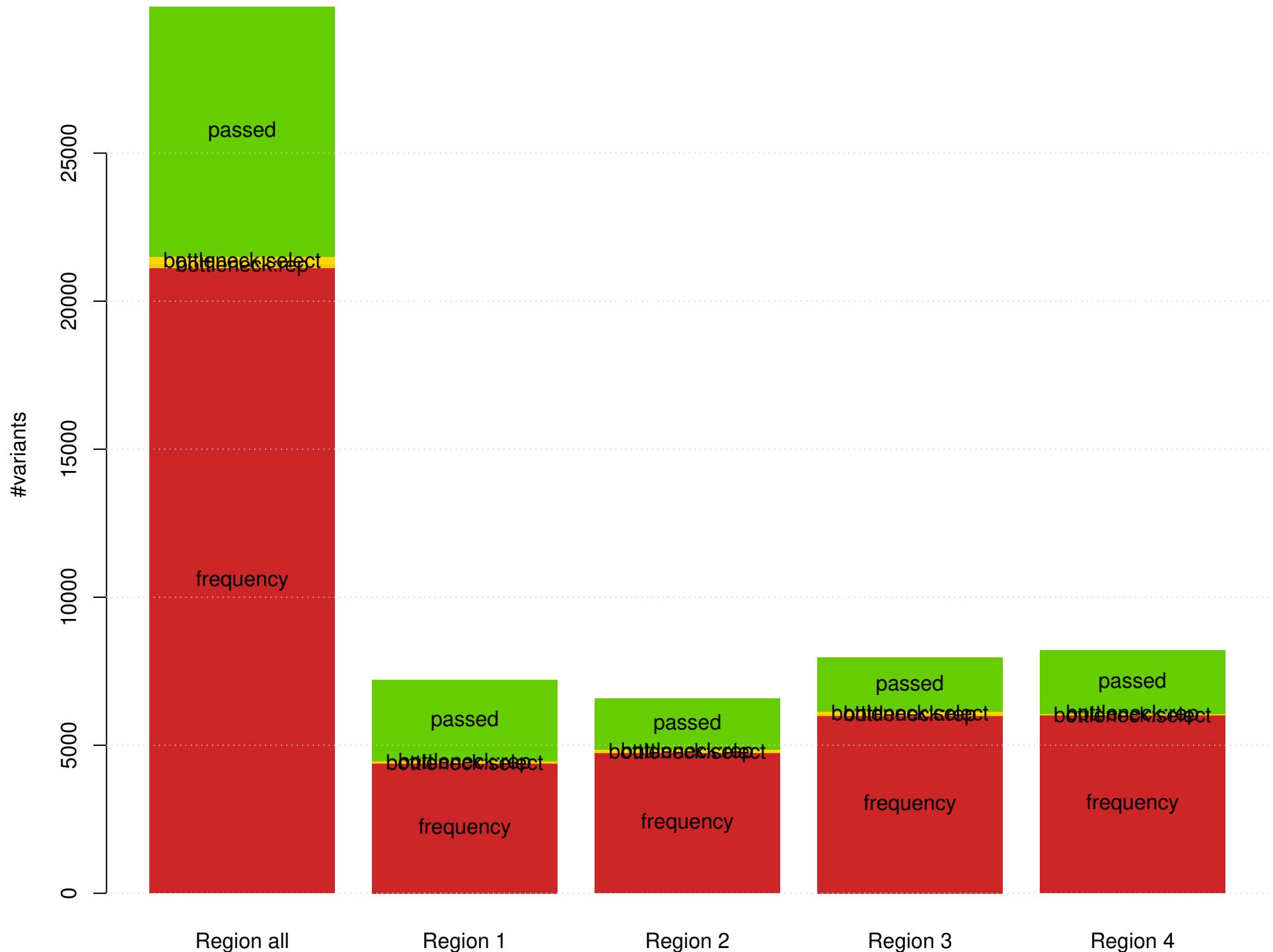




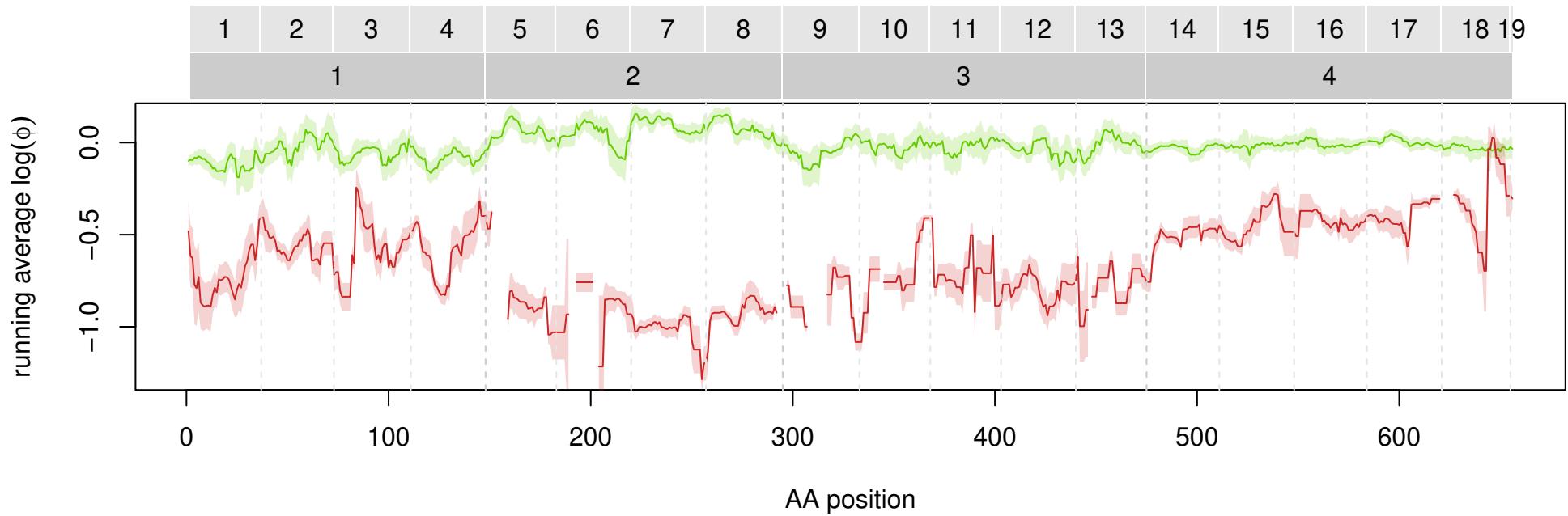
**Entire Construct****Region #1****Region #2****Region #3**

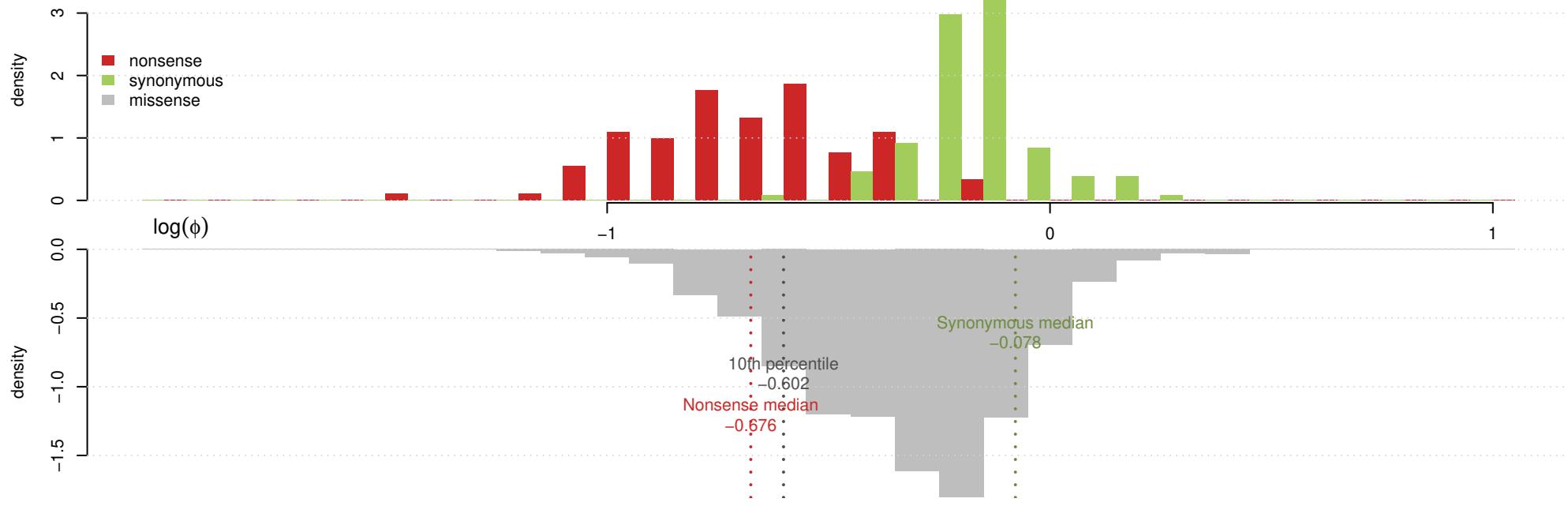
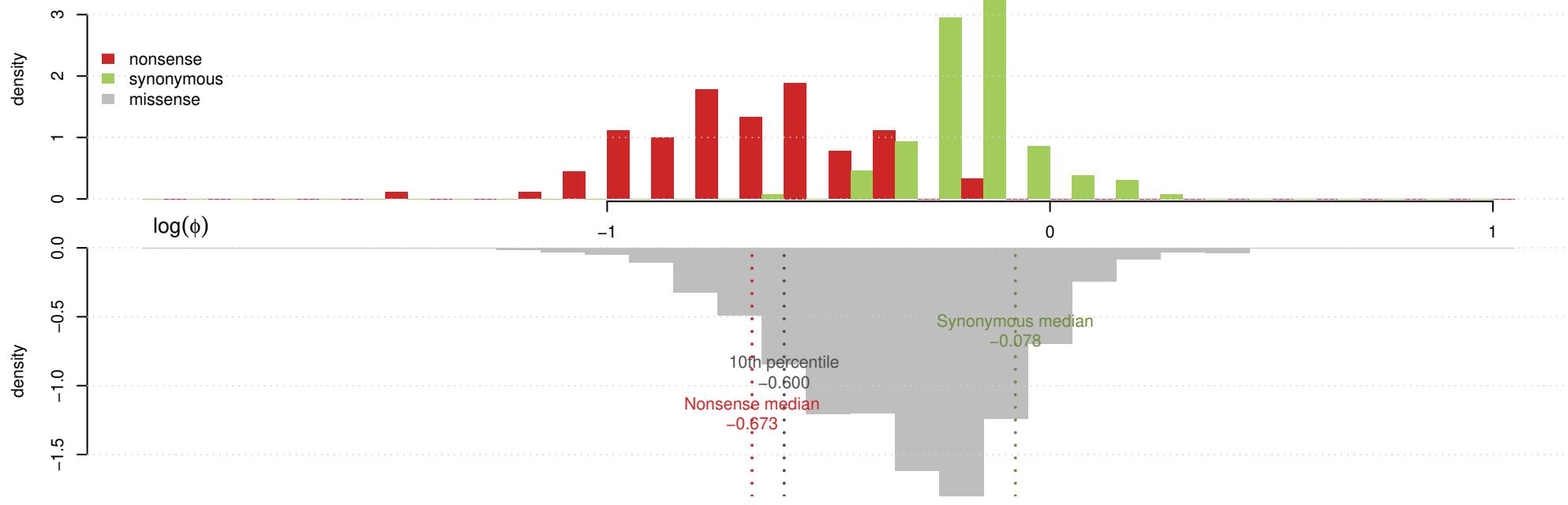
## Region #4

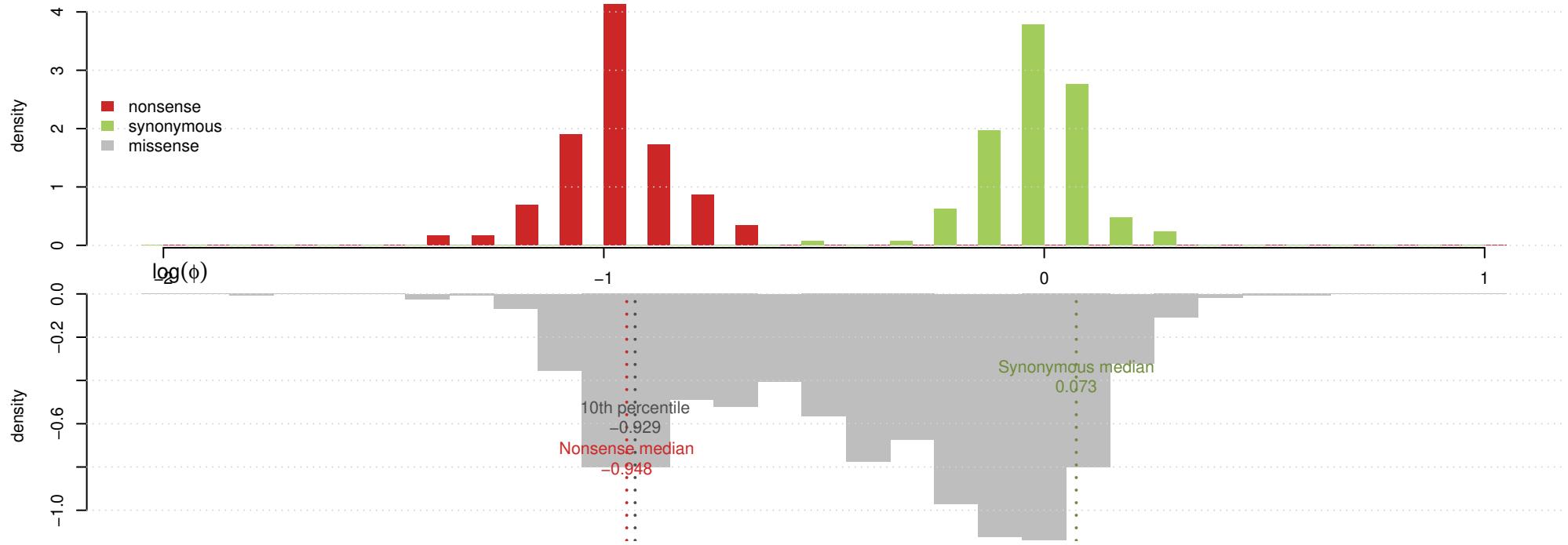
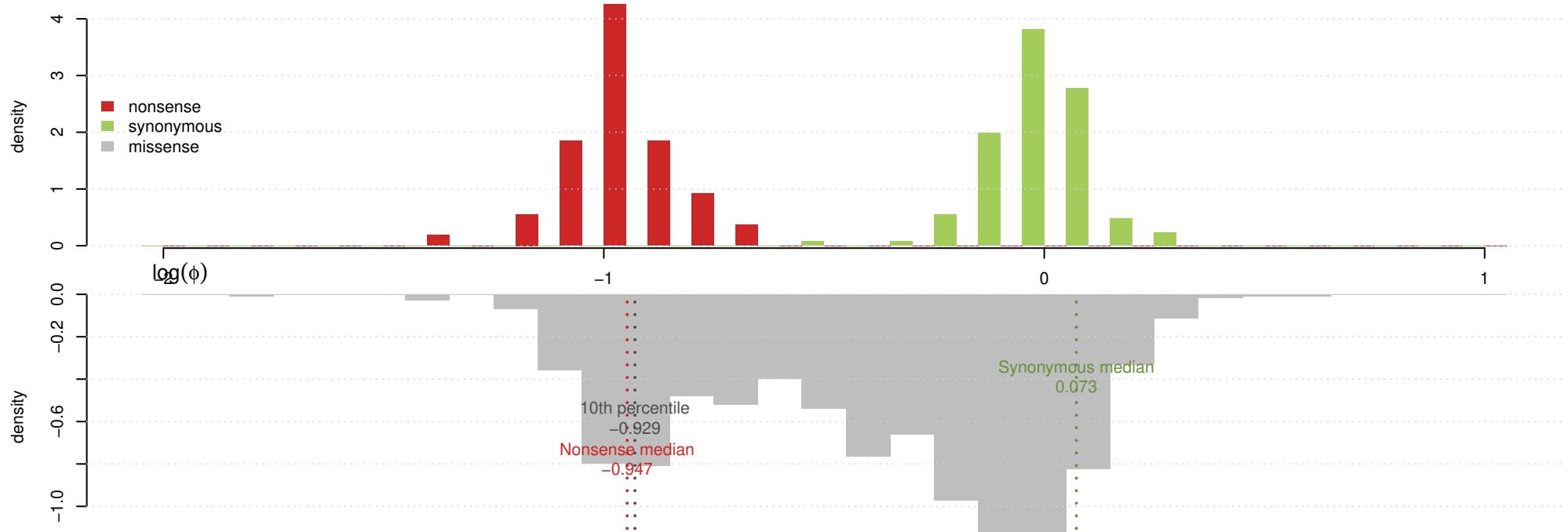


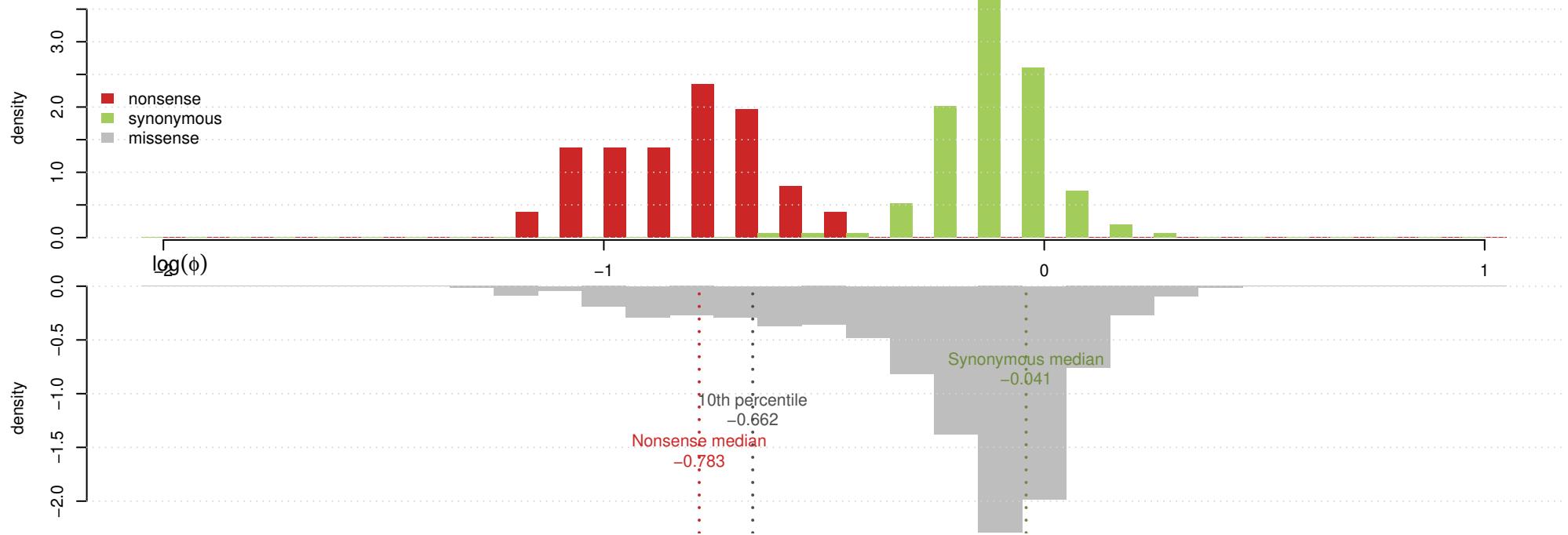
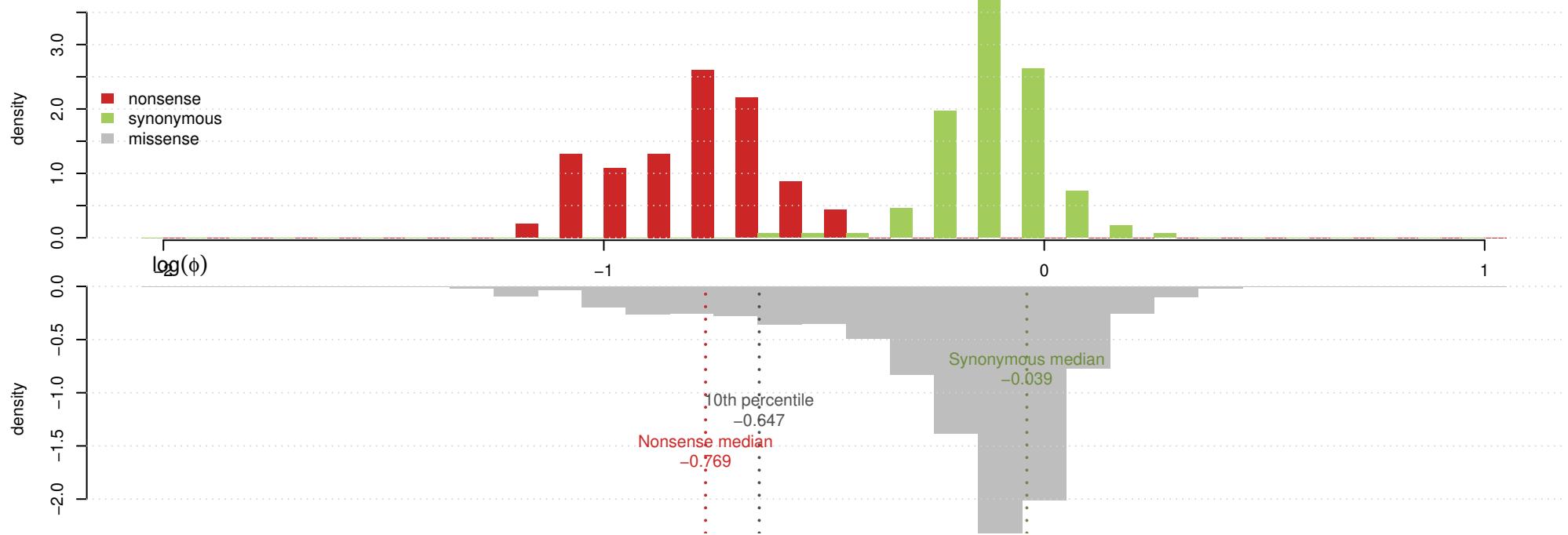


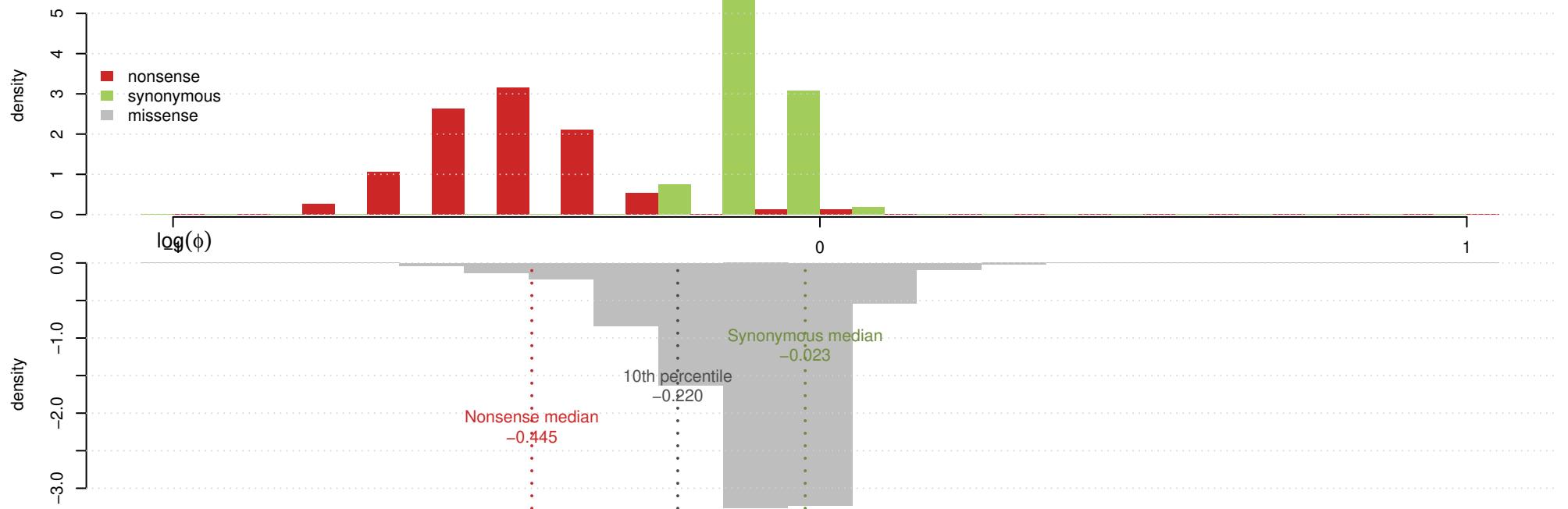
tileseqPro v1.2.4|MTHFR with WT background (MTHFR): MTHFR\_WT\_joint\_2023-09-01-13-41-16 ; selection condition: f25WT

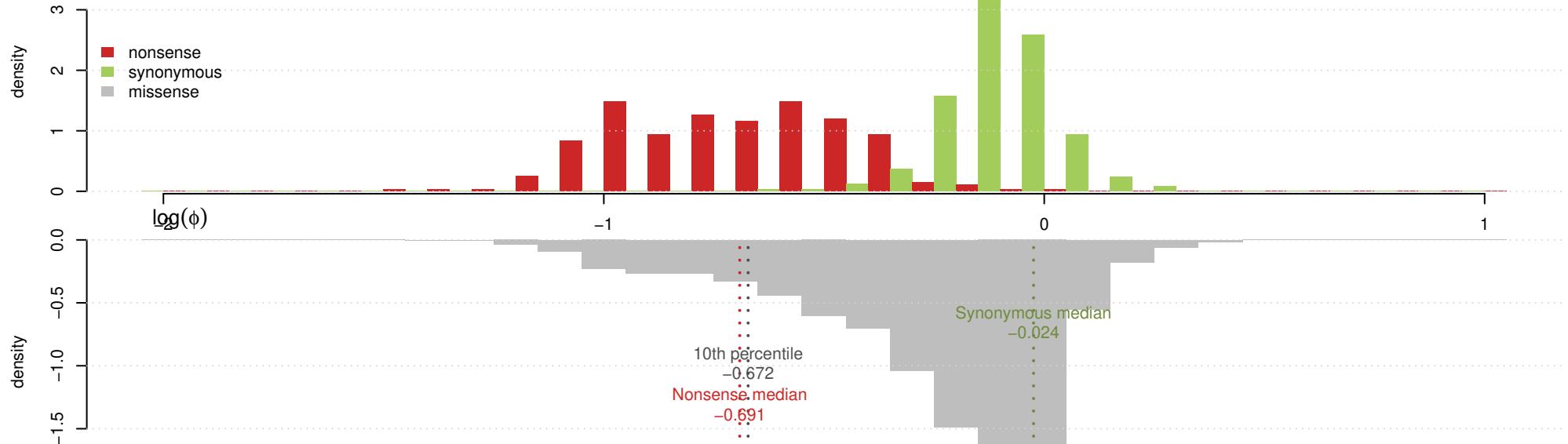
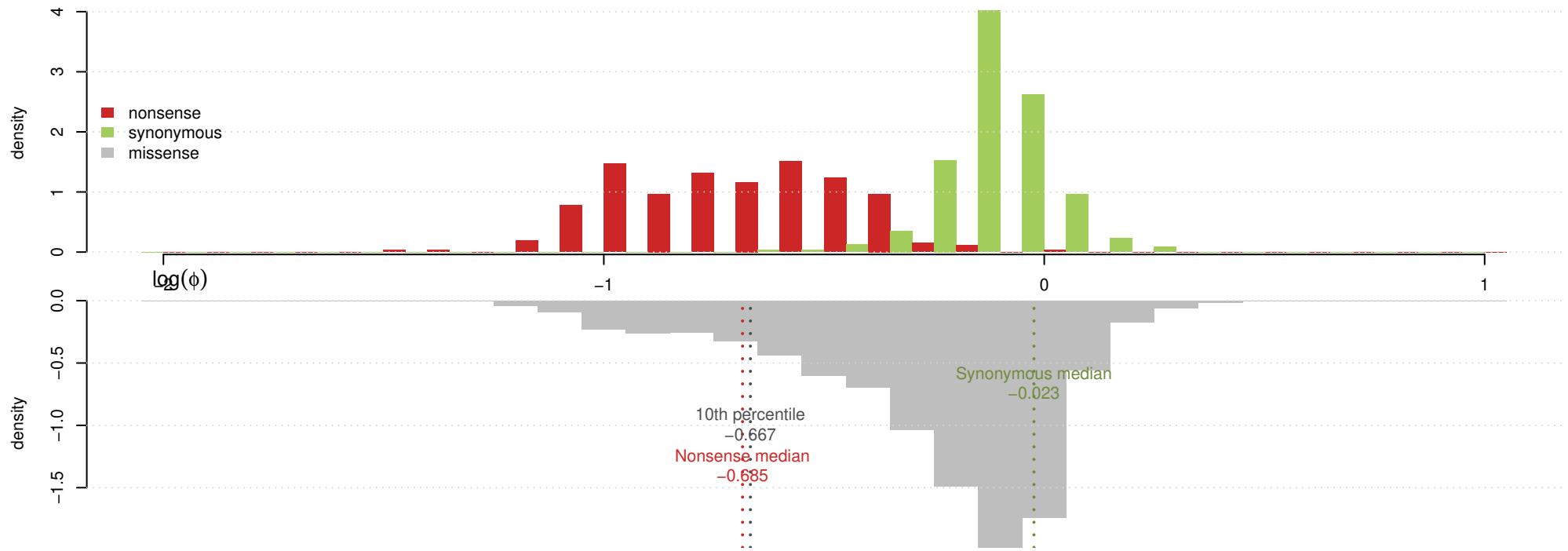


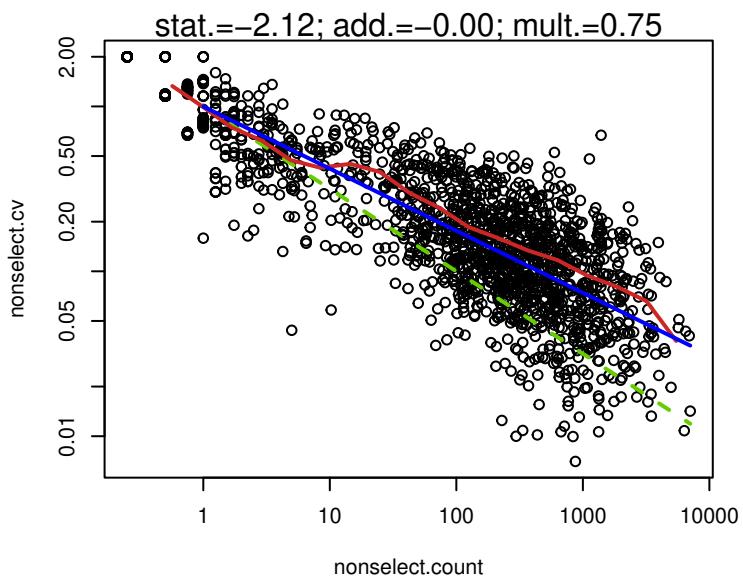
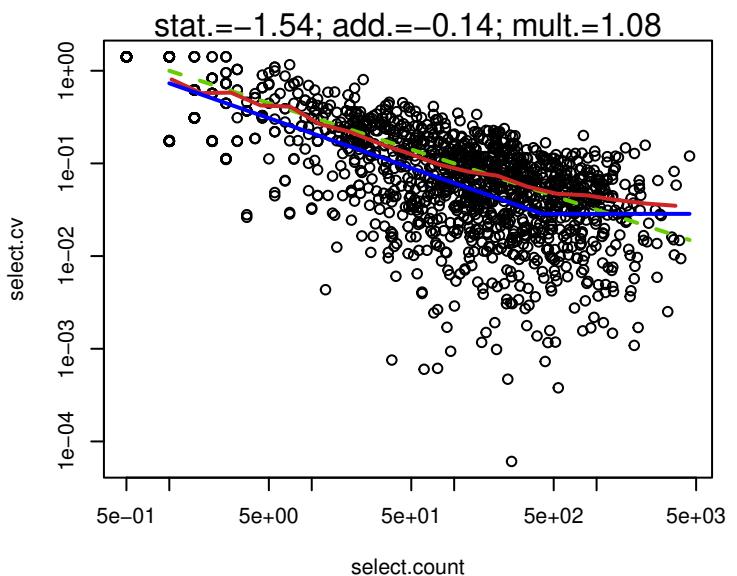
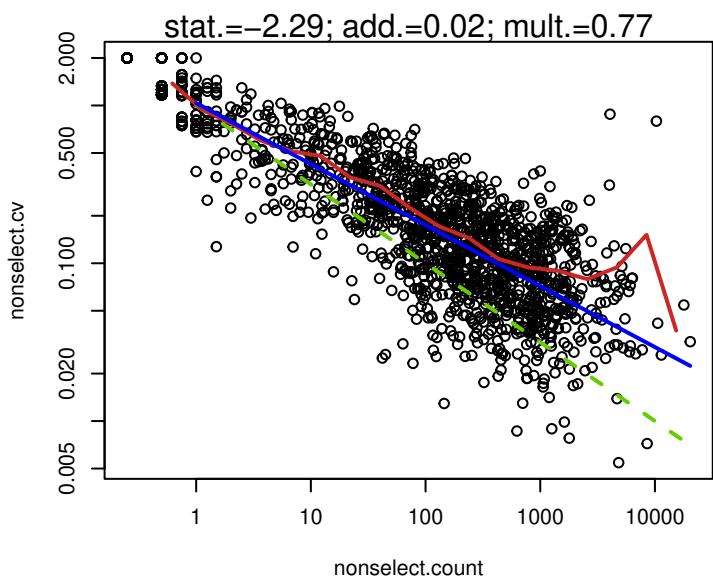
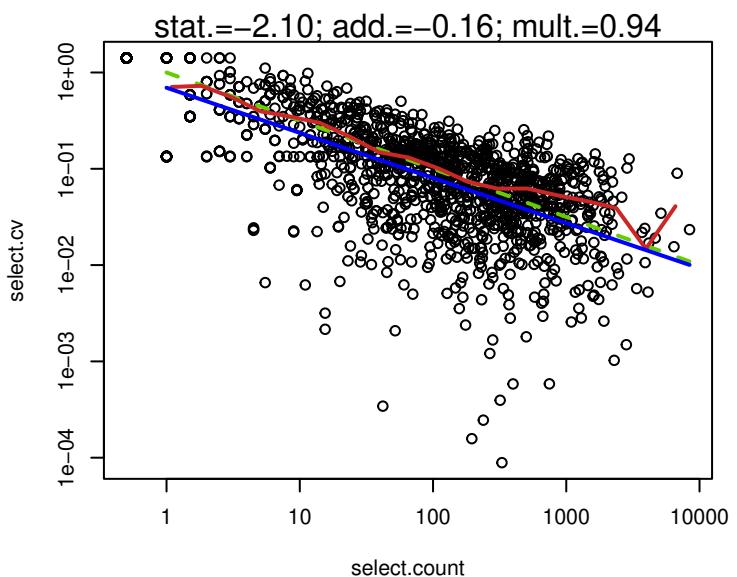
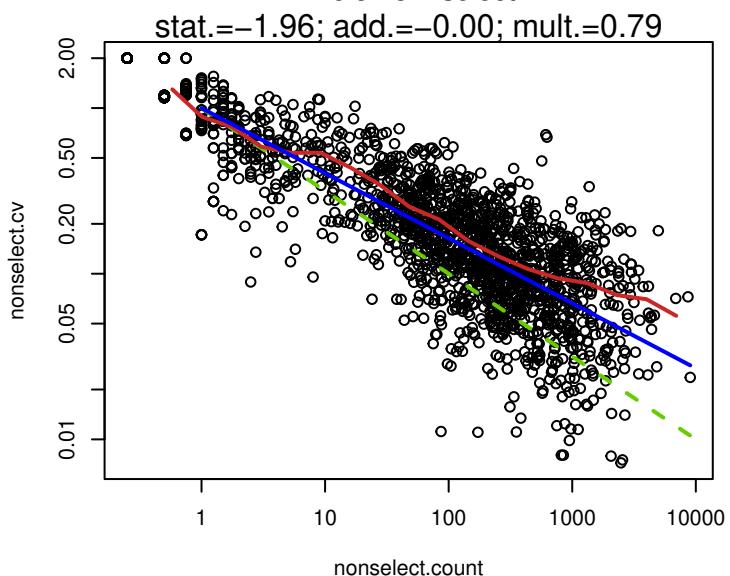
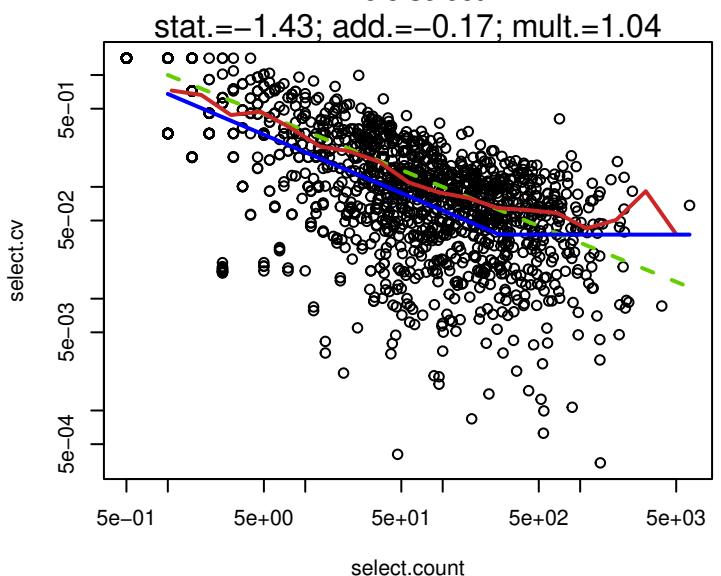
Region 1 ; Any  $\sigma$ Region 1 ;  $\sigma < 0.3$ 

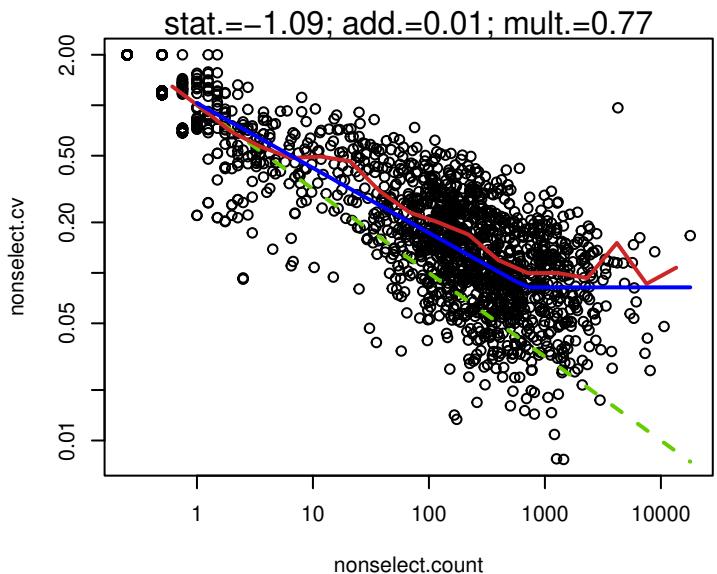
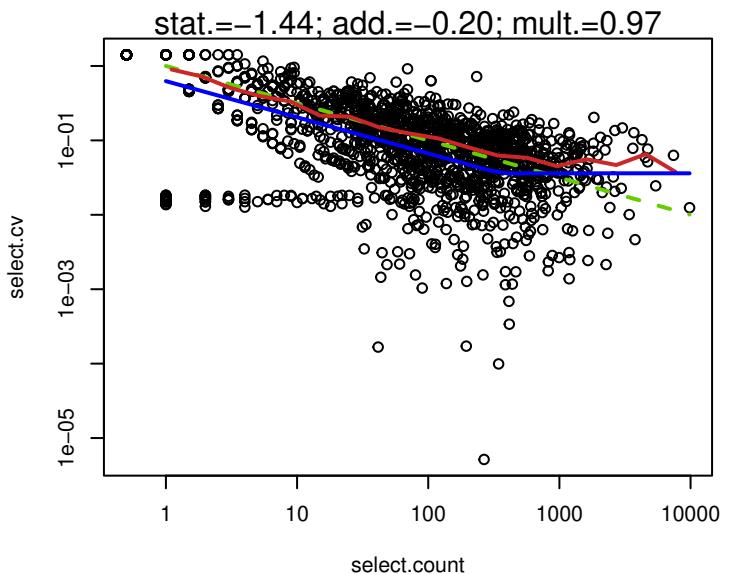
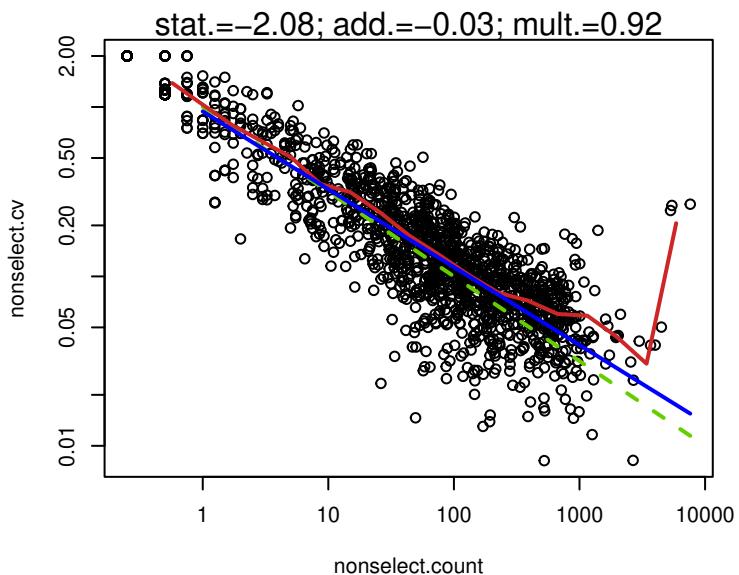
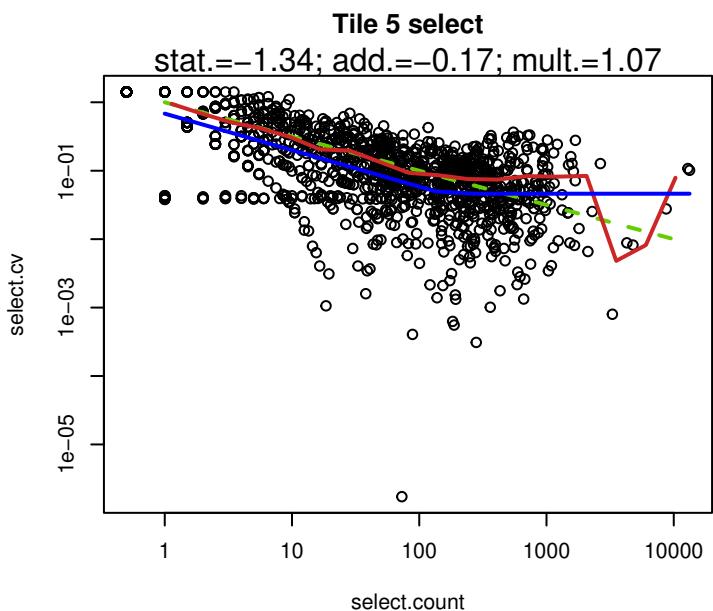
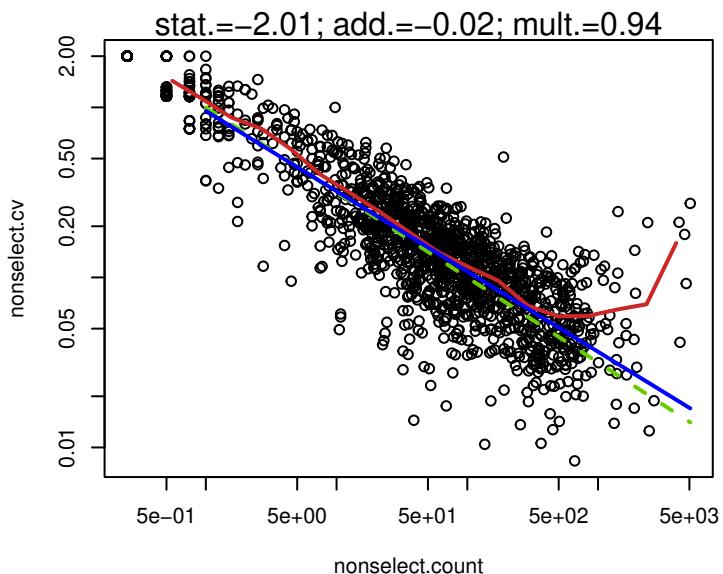
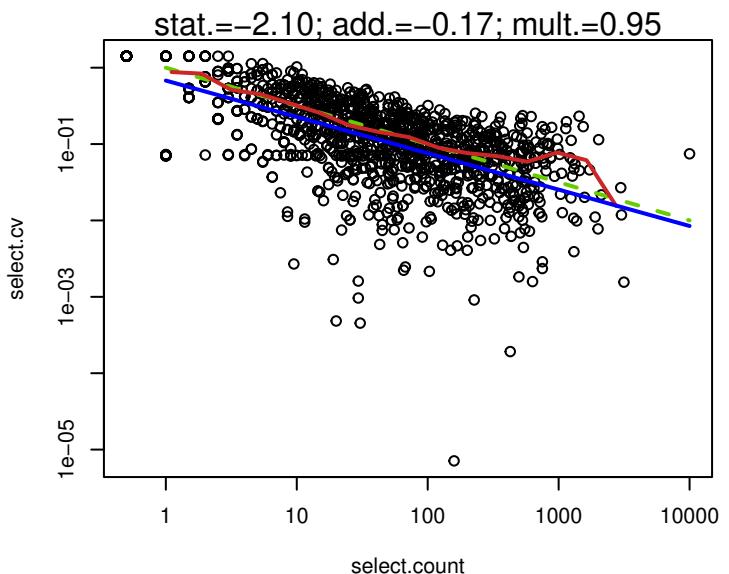
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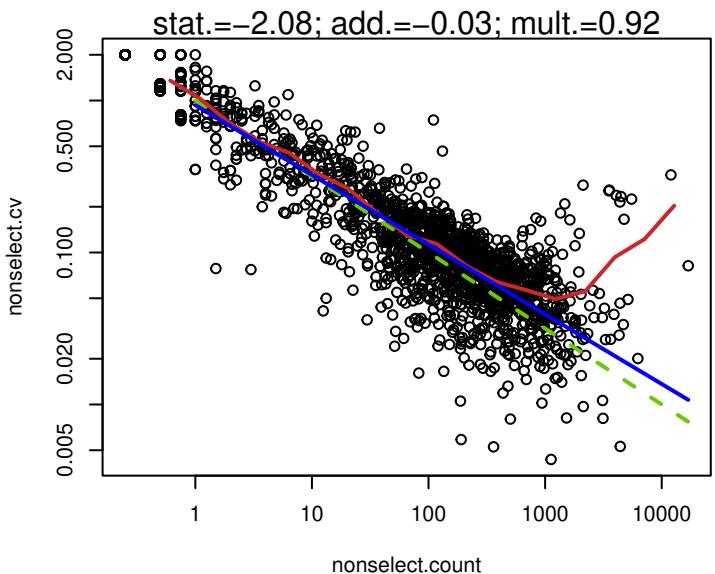
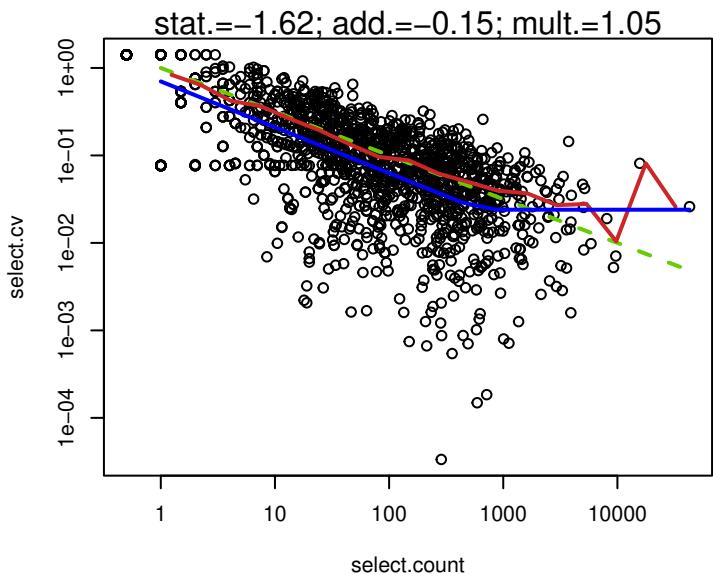
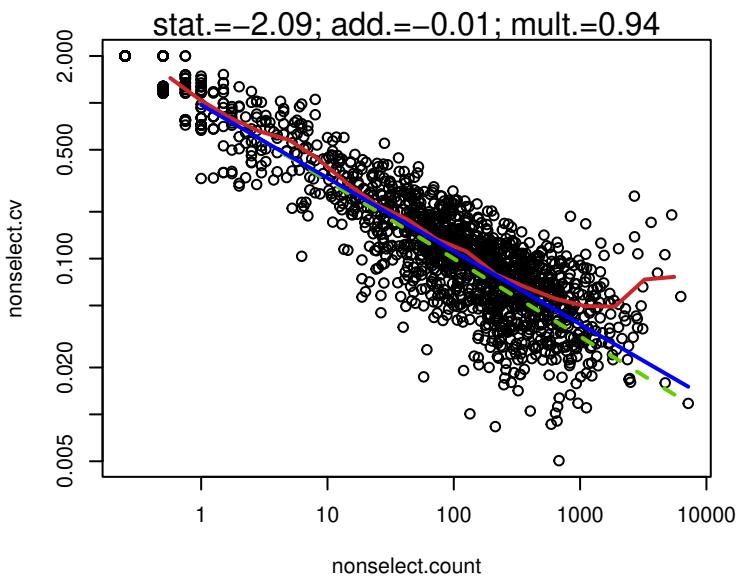
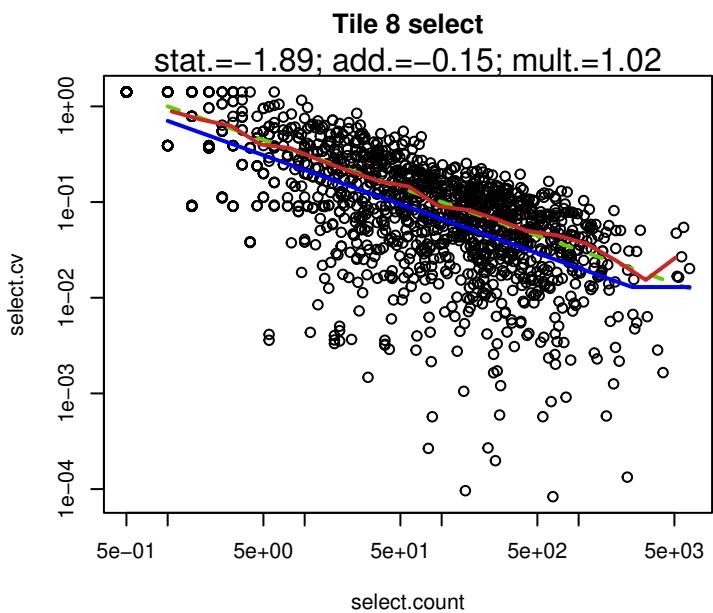
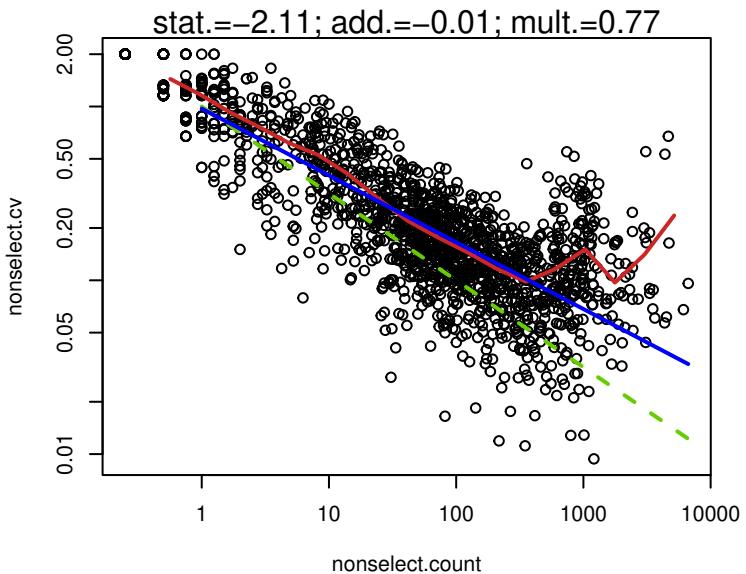
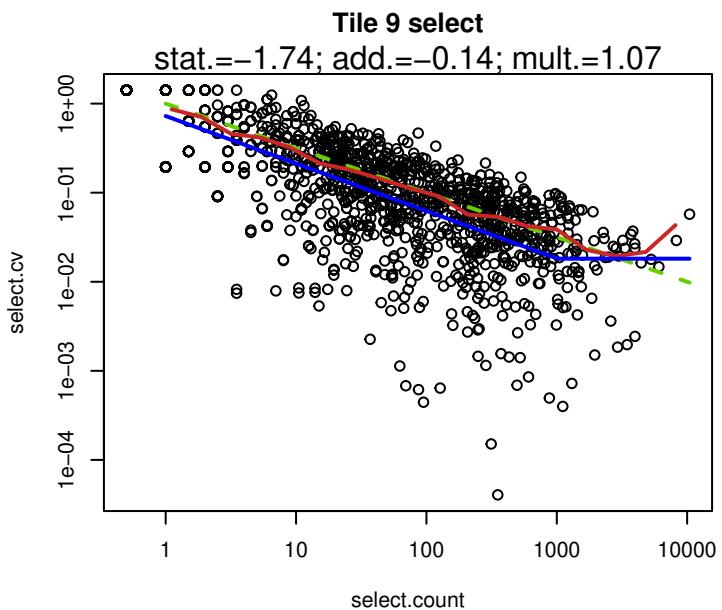
Region 3 ; Any  $\sigma$ Region 3 ;  $\sigma < 0.3$ 

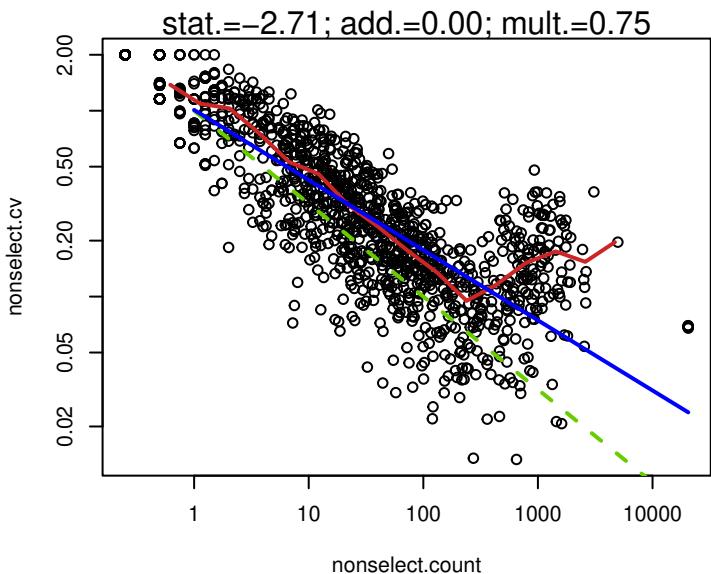
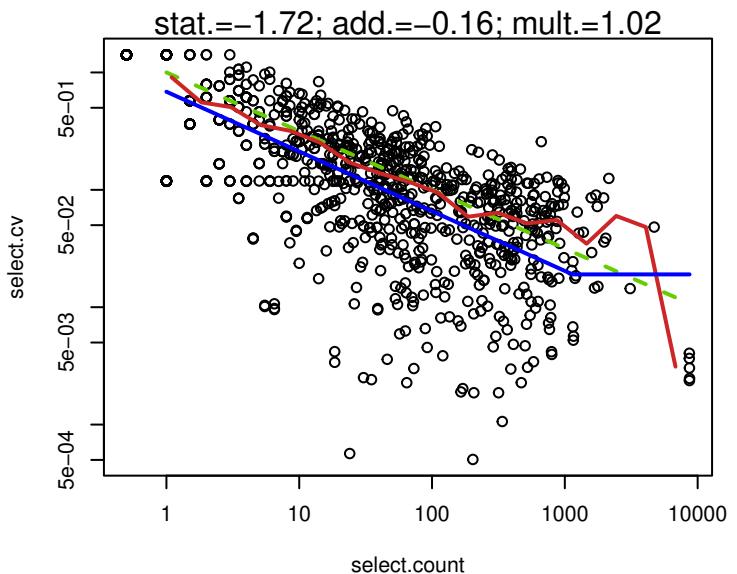
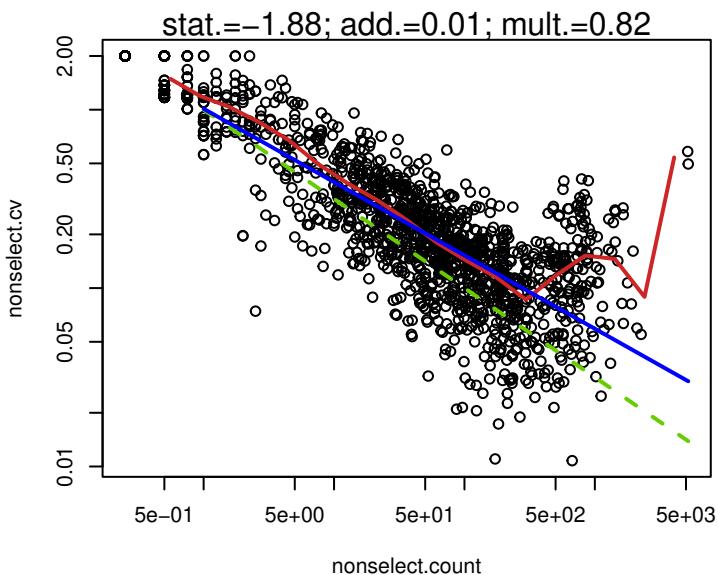
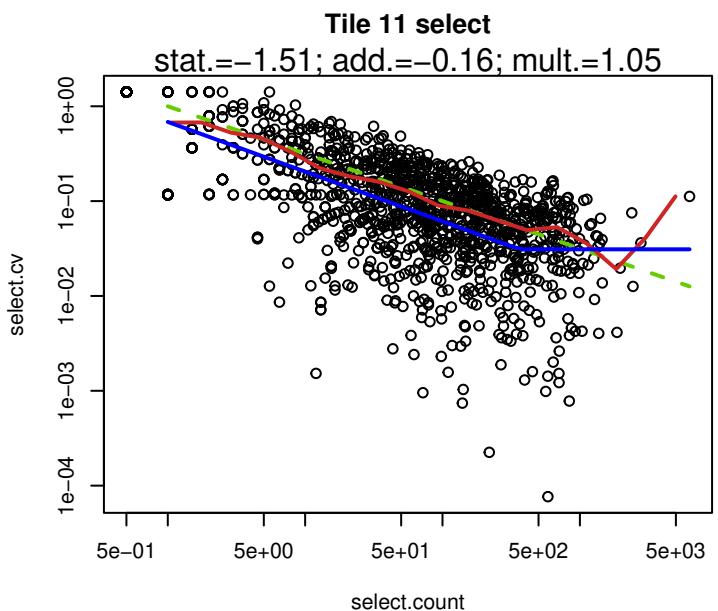
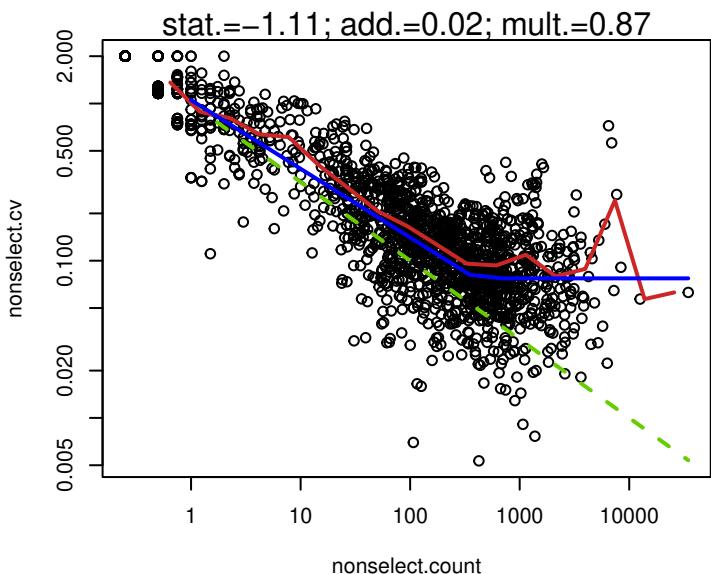
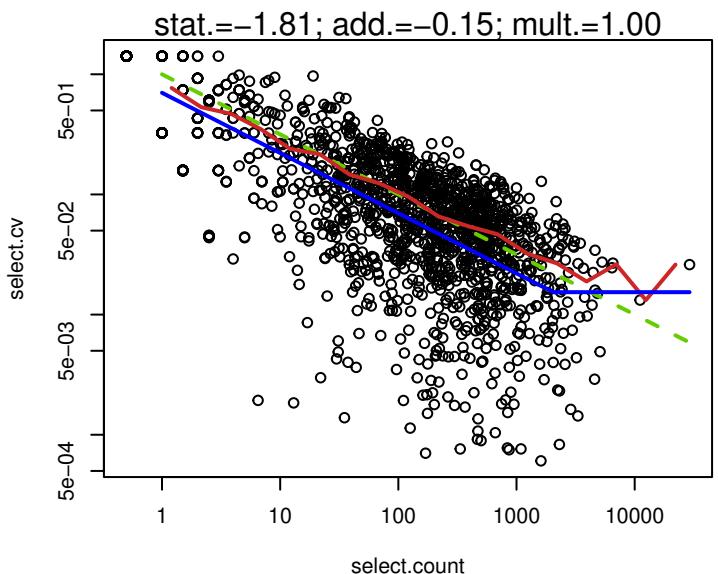
Region 4 ; Any  $\sigma$ Region 4 ;  $\sigma < 0.3$

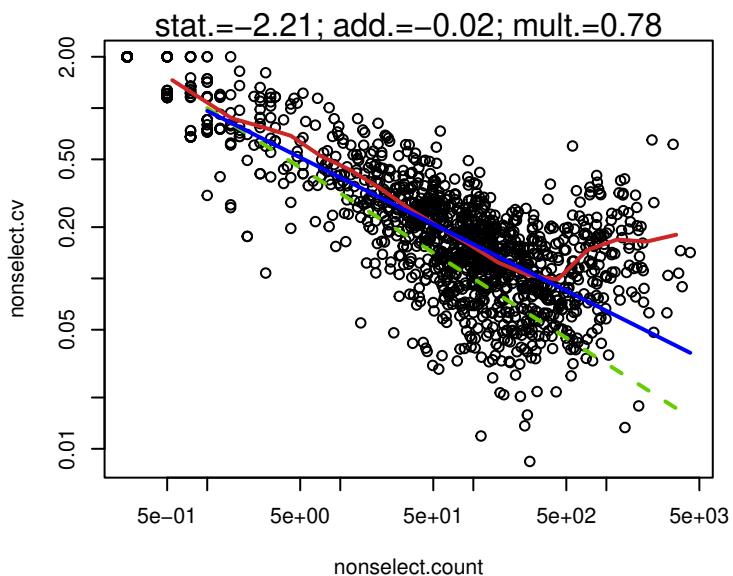
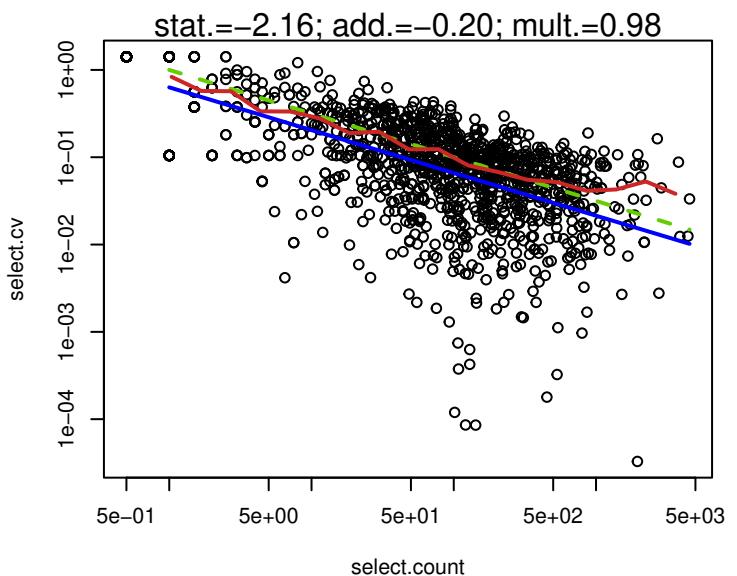
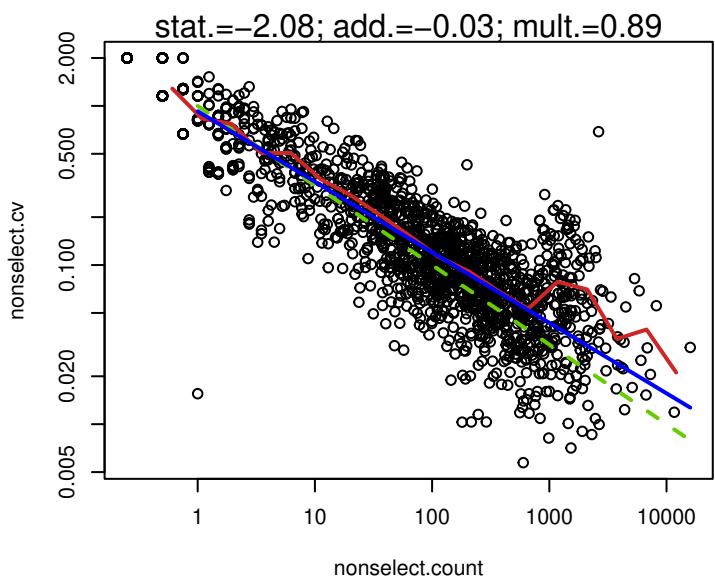
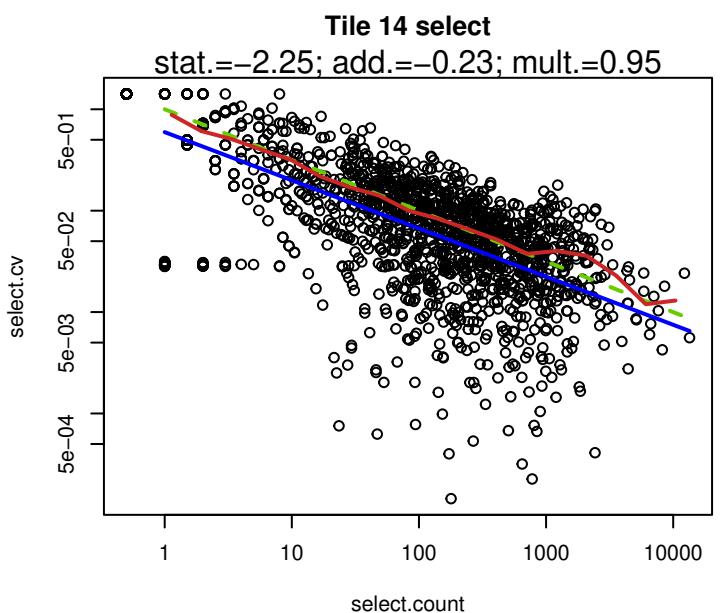
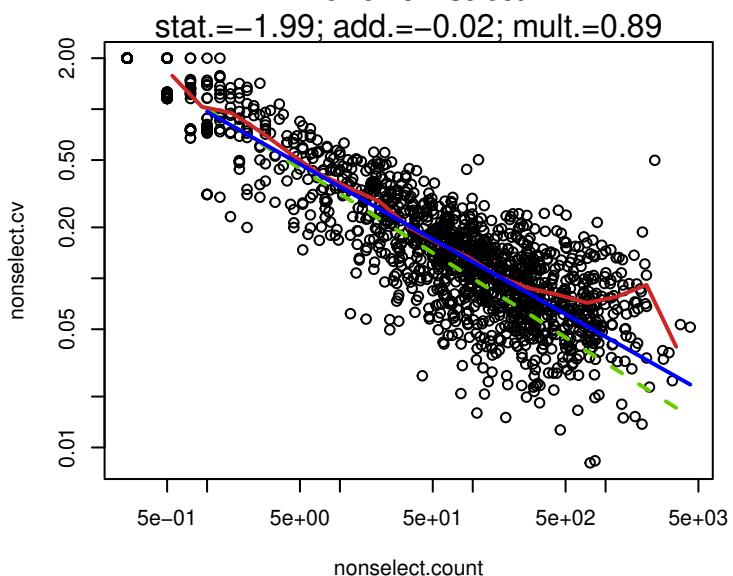
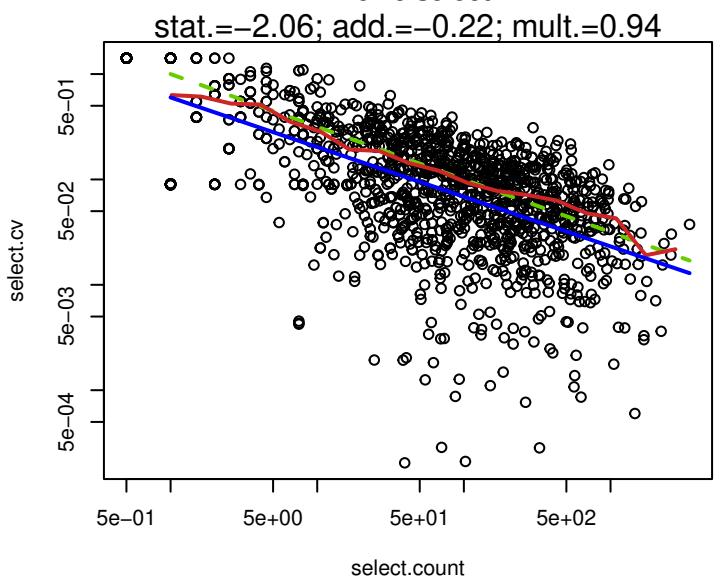
Region all ; Any  $\sigma$ Region all ;  $\sigma < 0.3$ 

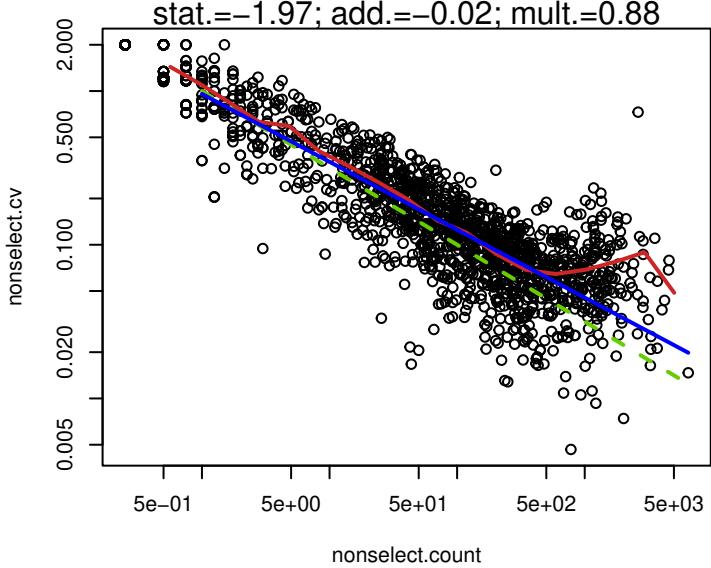
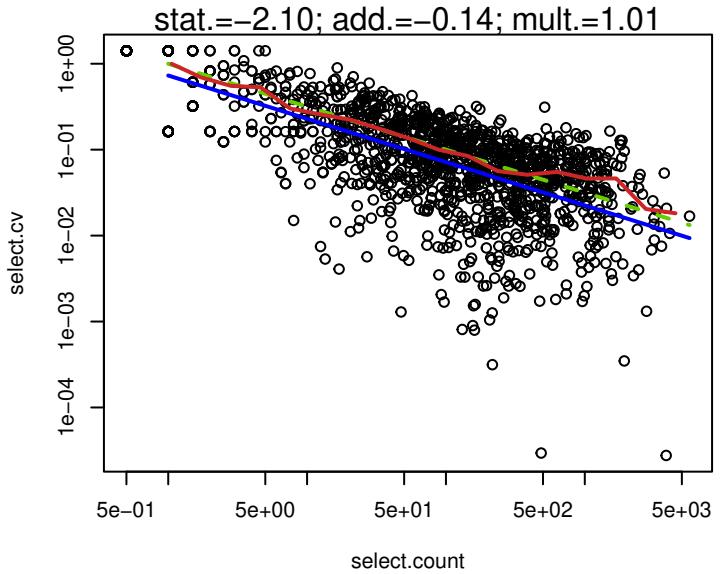
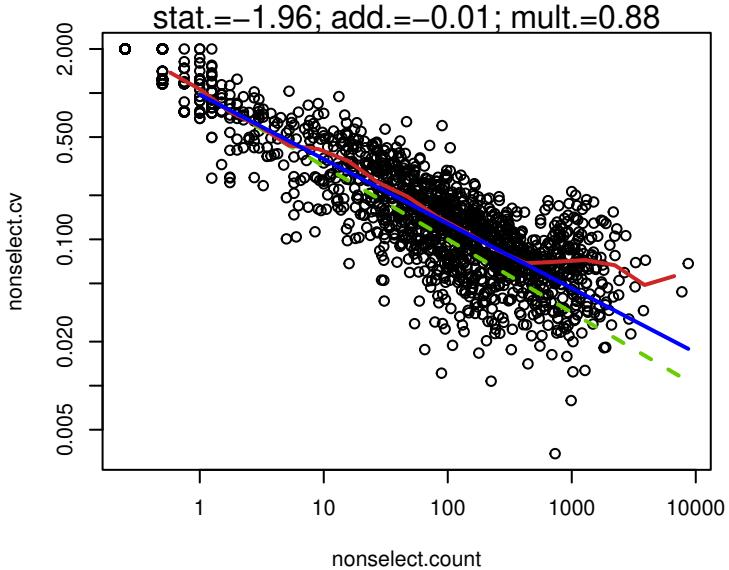
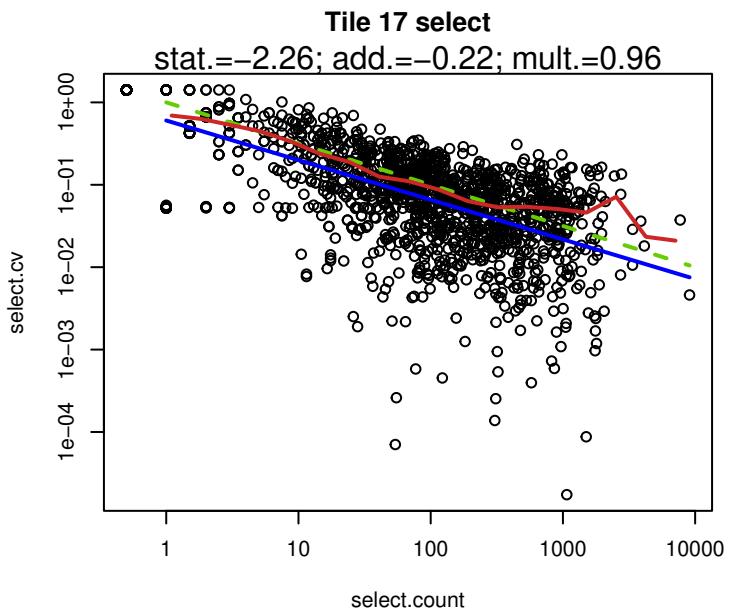
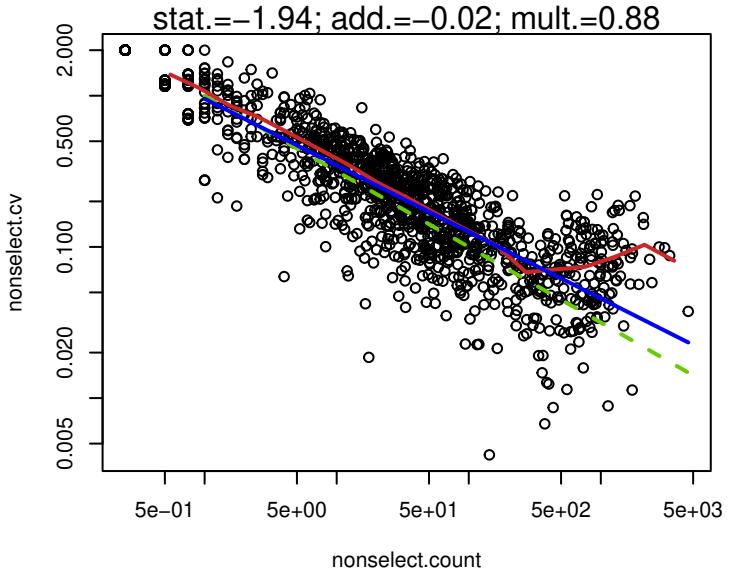
**Tile 1 non-select****Tile 1 select****Tile 2 non-select****Tile 2 select****Tile 3 non-select****Tile 3 select**

**Tile 4 non-select****Tile 4 select****Tile 5 non-select****Tile 5 select****Tile 6 non-select****Tile 6 select**

**Tile 7 non-select****Tile 7 select****Tile 8 non-select****Tile 8 select****Tile 9 non-select****Tile 9 select**

**Tile 10 non-select****Tile 10 select****Tile 11 non-select****Tile 11 select****Tile 12 non-select****Tile 12 select**

**Tile 13 non-select****Tile 13 select****Tile 14 non-select****Tile 14 select****Tile 15 non-select****Tile 15 select**

**Tile 16 non-select****Tile 16 select****Tile 17 non-select****Tile 17 select****Tile 18 non-select****Tile 18 select**