

Figure S1

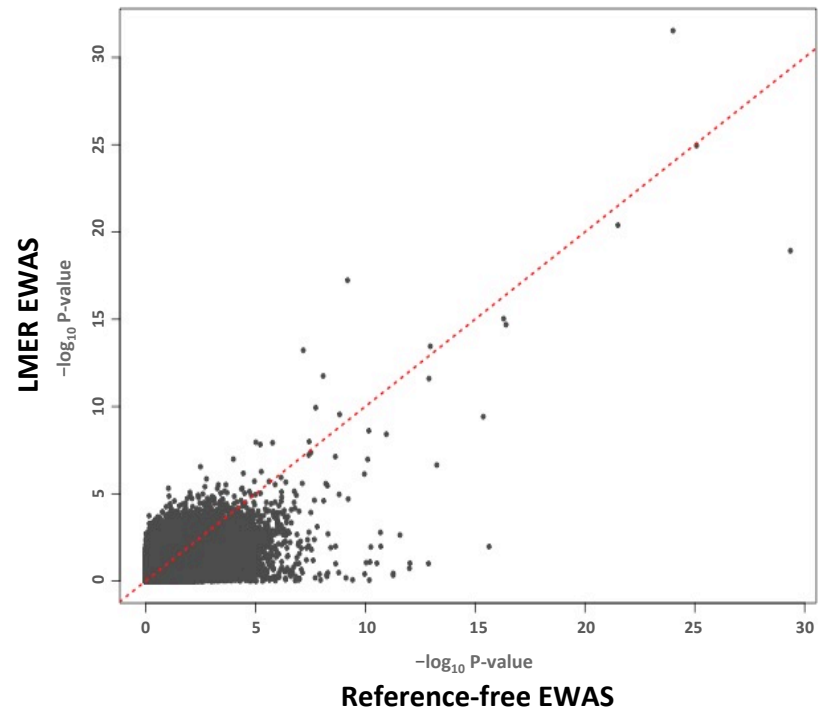
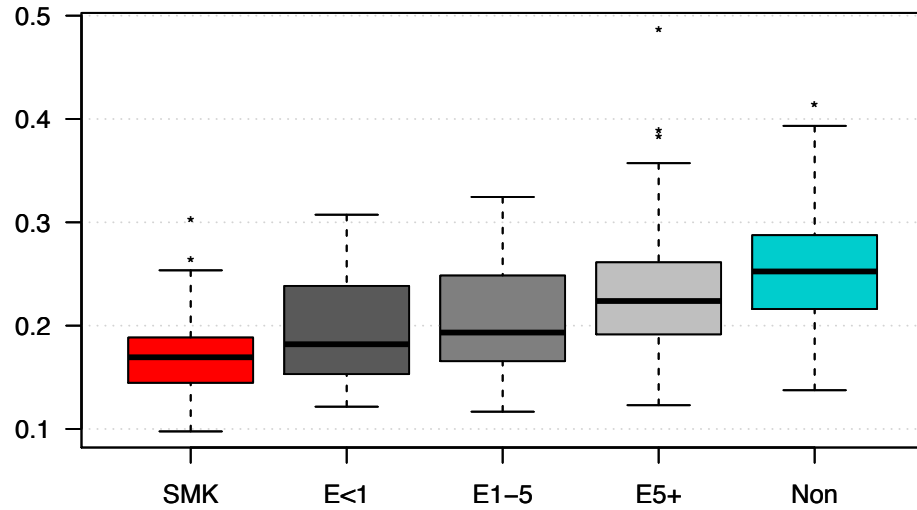
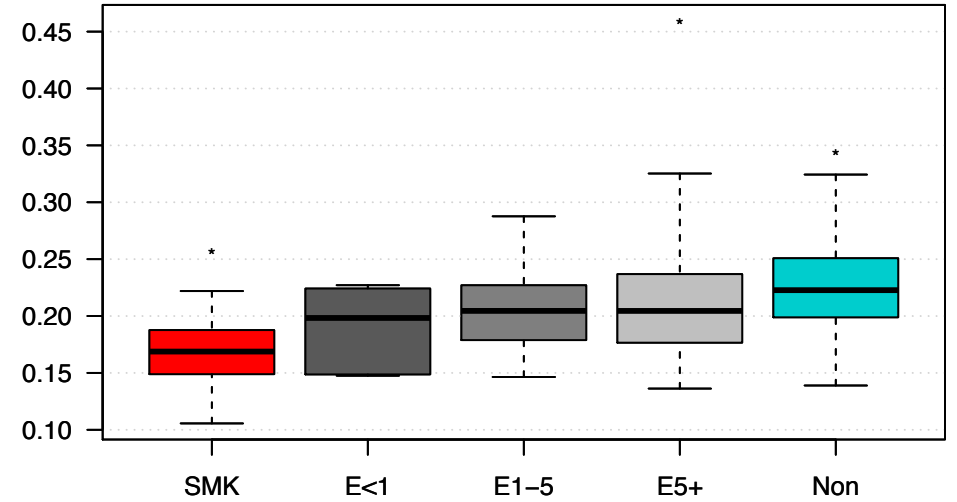


Figure S2

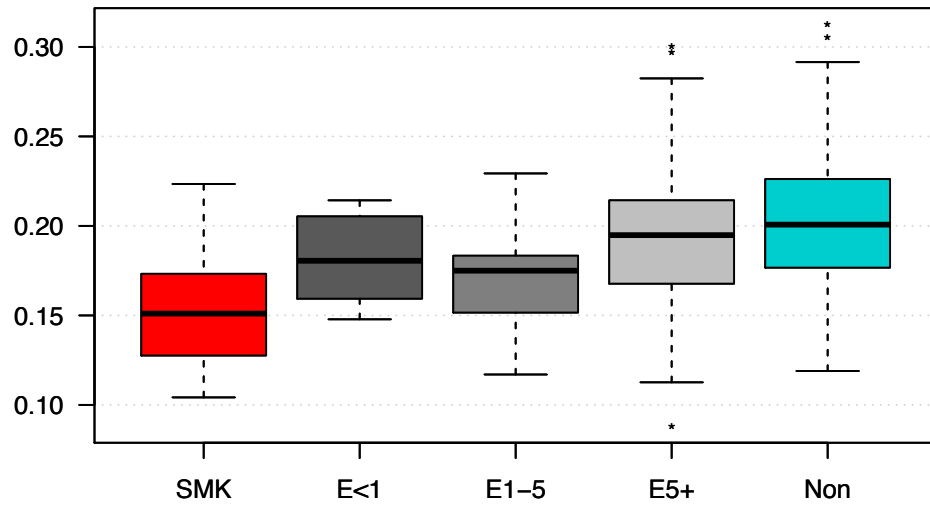
cg05951221_2q37.1
P-value = 1.28e-29



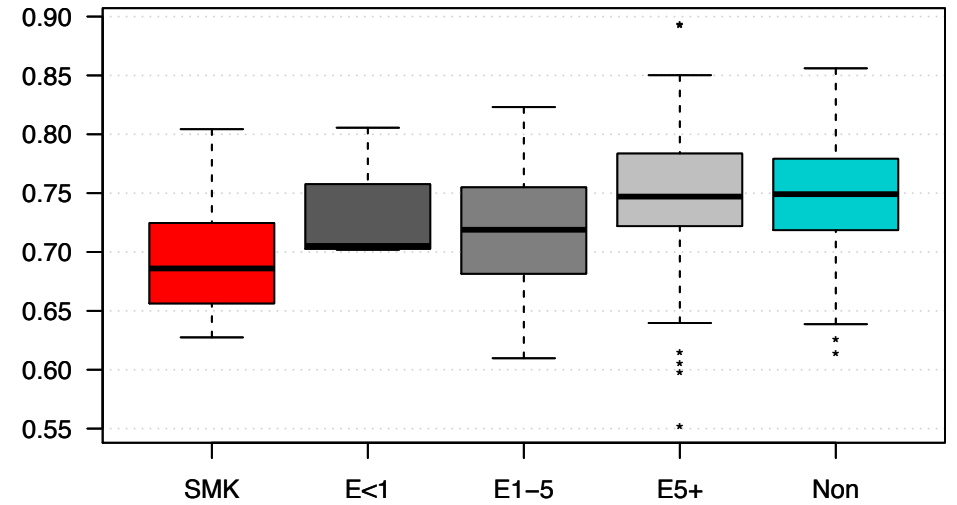
cg21566642_2q37.1
P-value = 1.87e-23



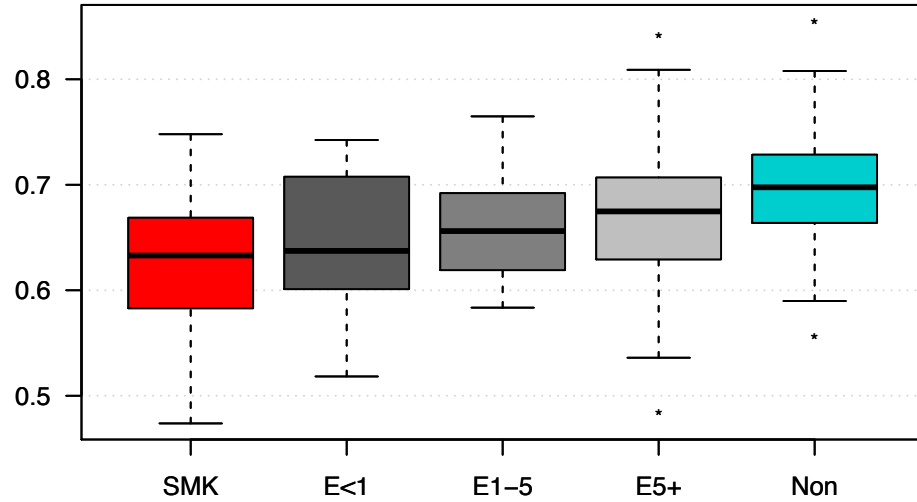
***cg23680900_CYP1A1**
P-value = 2.96e-21



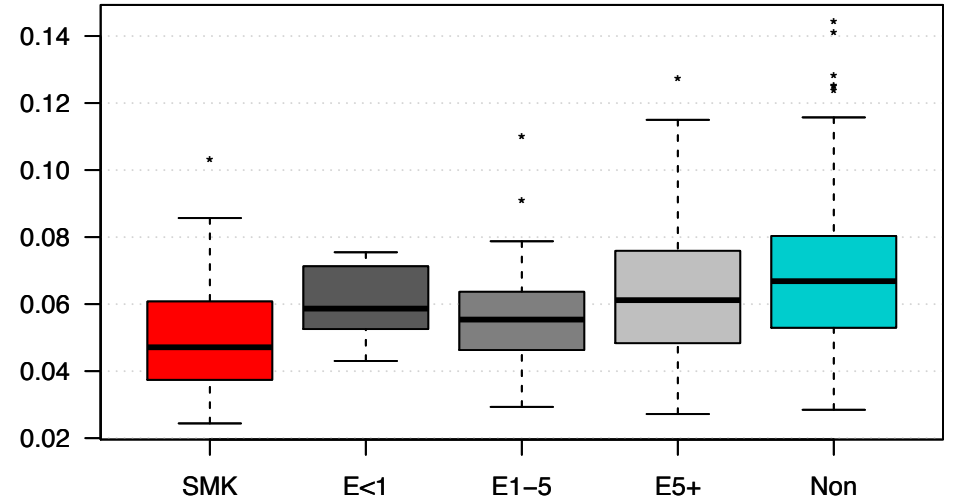
cg14120703_NOTCH1
P-value = 1.44e-20



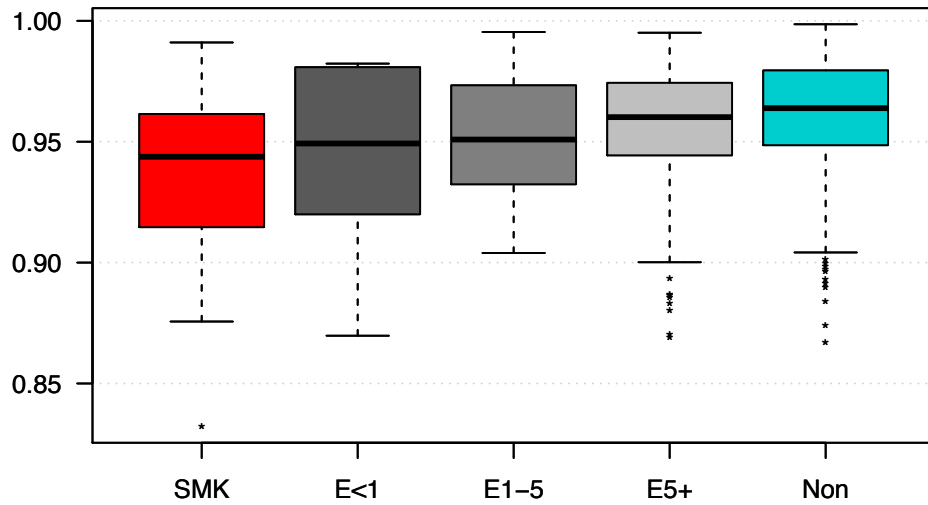
***cg26516004_CYP1A1**
P-value = 1.95e-20



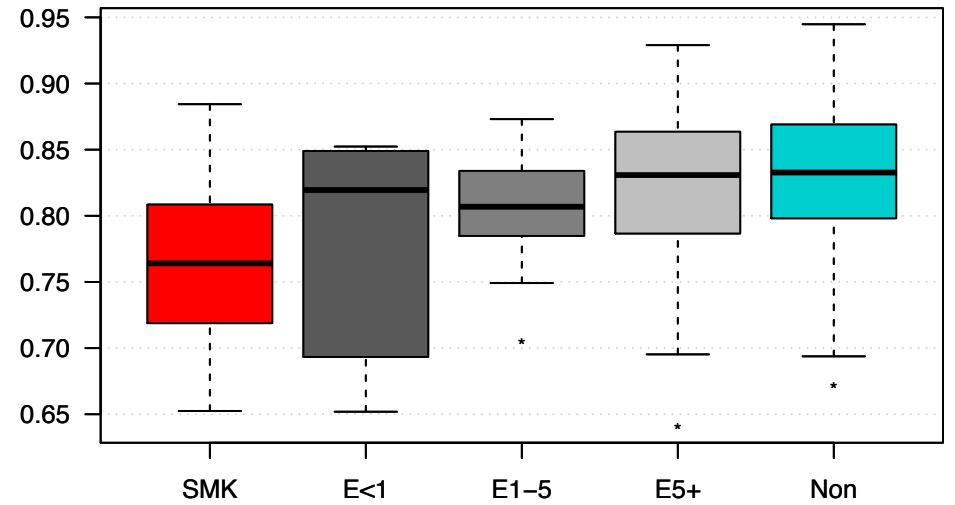
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P-value = 2.48e-17



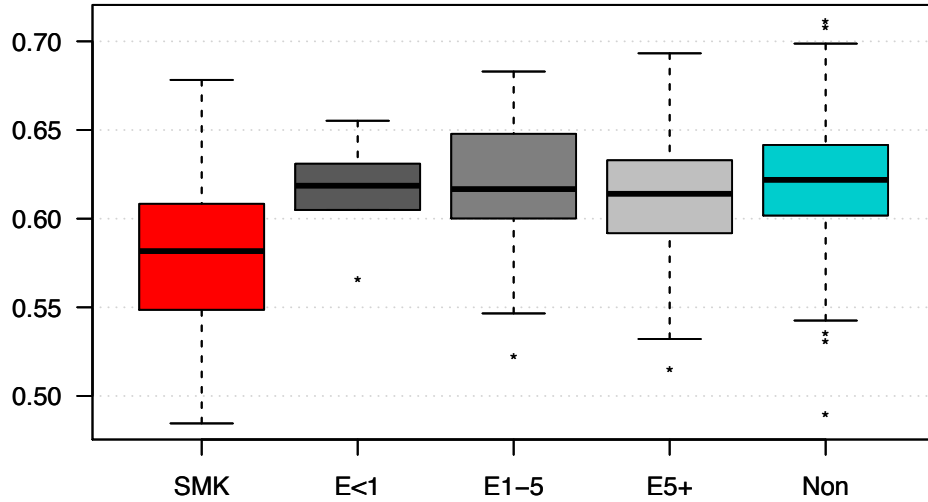
cg01985595_PDE7B
P-value = 1.09e-15



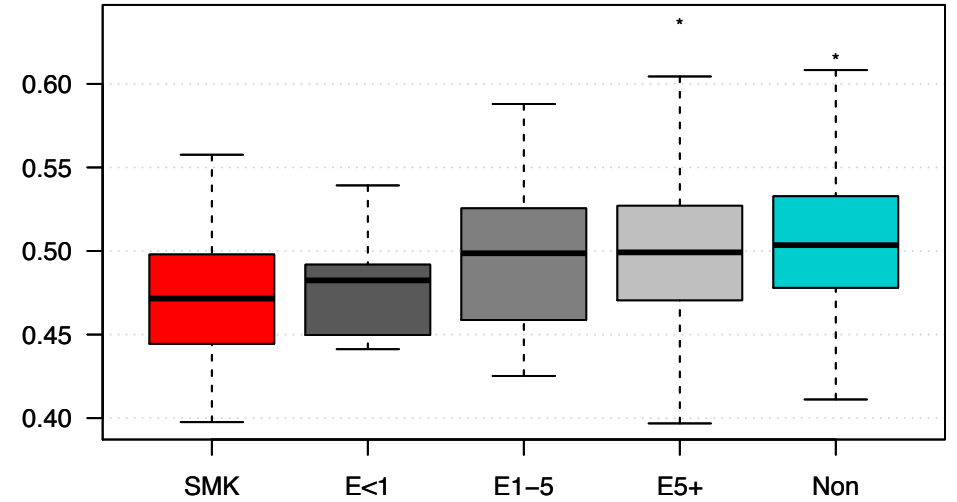
cg22418620_NEURL1B
P-value = 1.63e-15



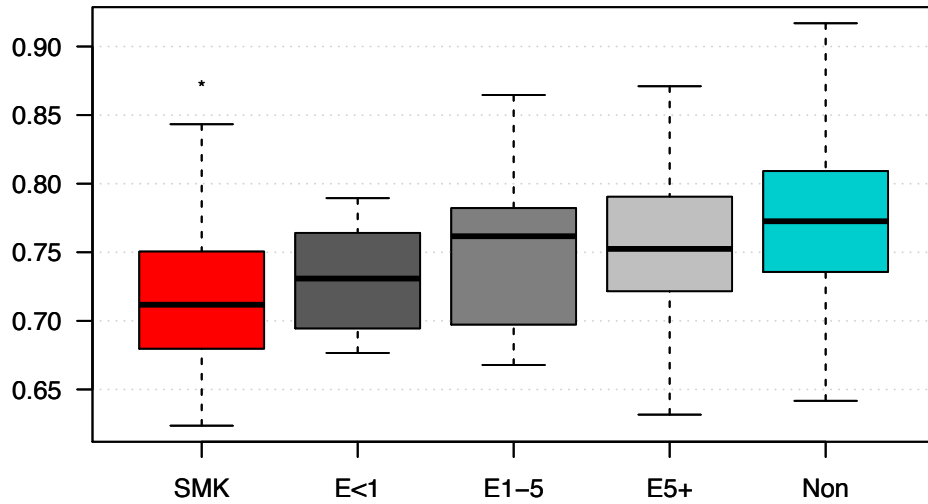
***cg23160522_CYP1A1**
P-value = 1.33e-14



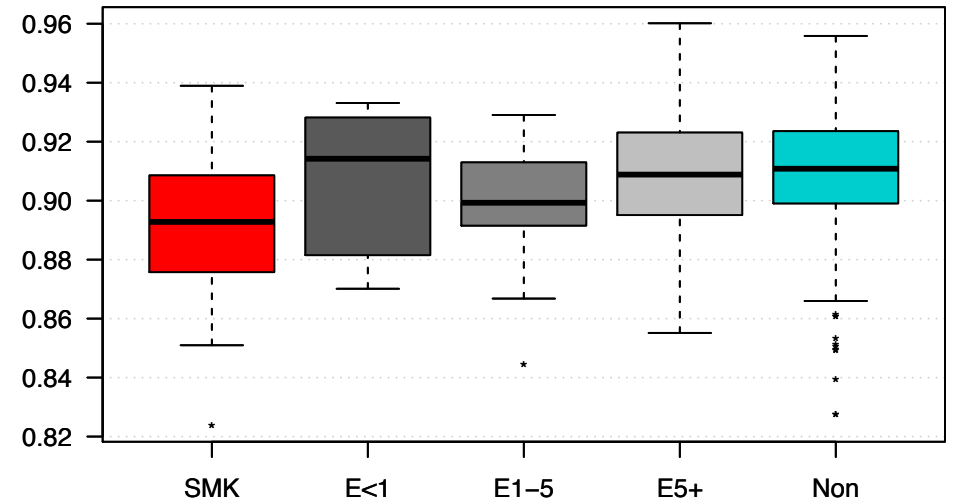
***cg03636183_F2RL3**
P-value = 1.80e-14



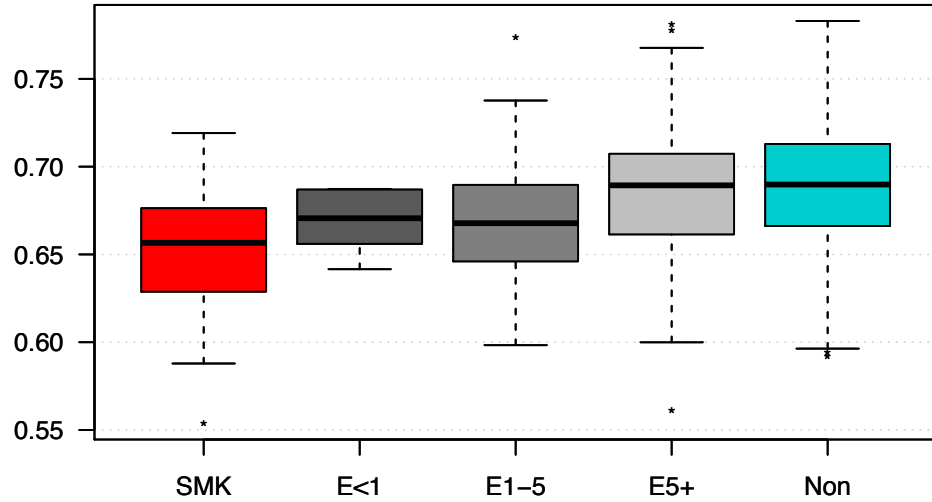
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P-value = 1.88e-13



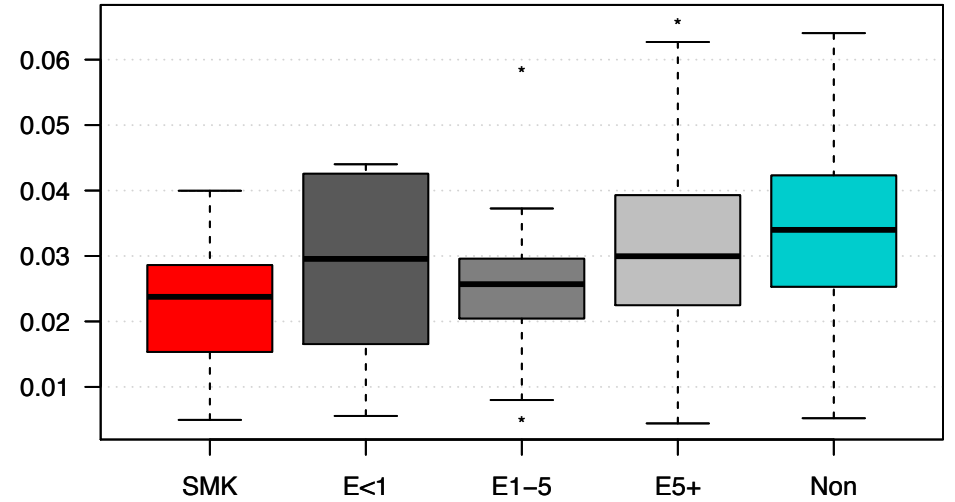
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P-value = 1.12e-11



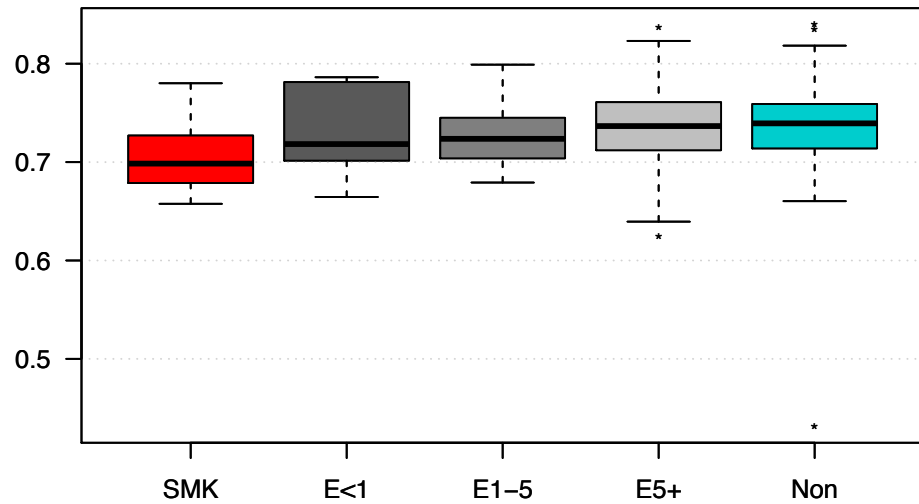
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P-value = 1.87e-10



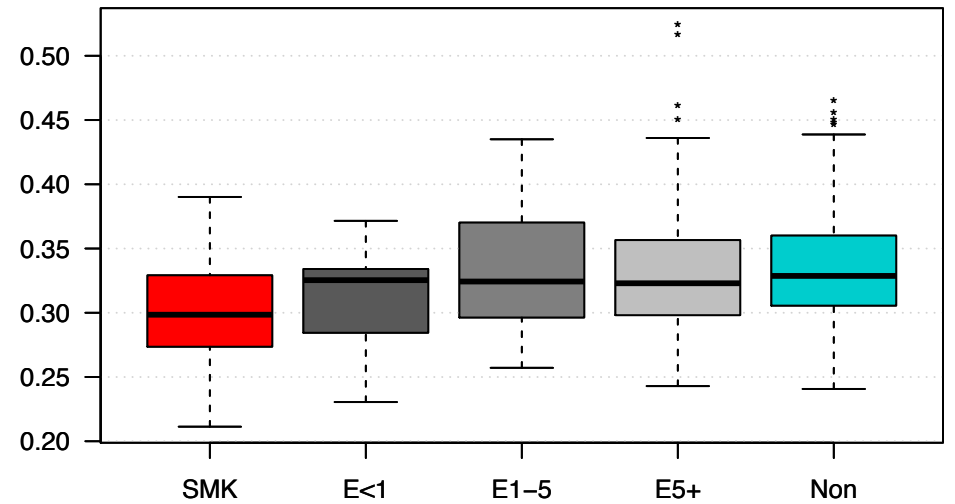
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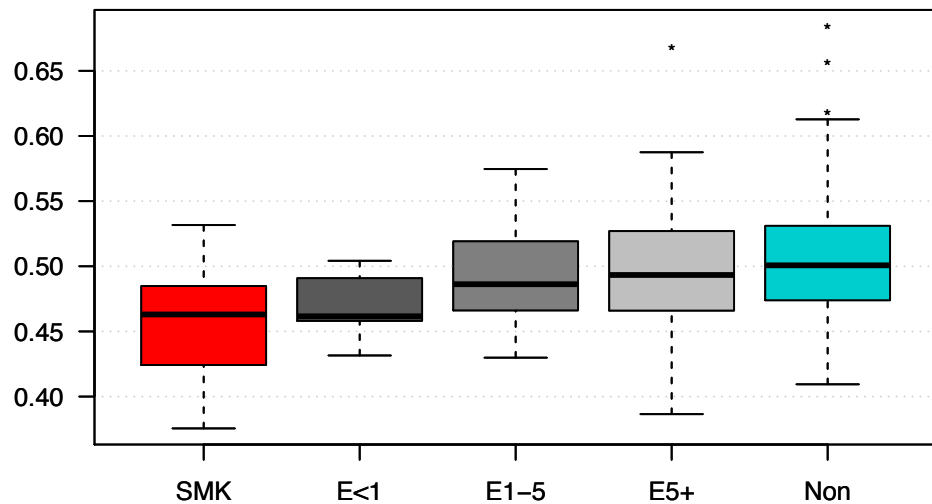
cg21124714_P2RY6
P-value = 5.15e-10



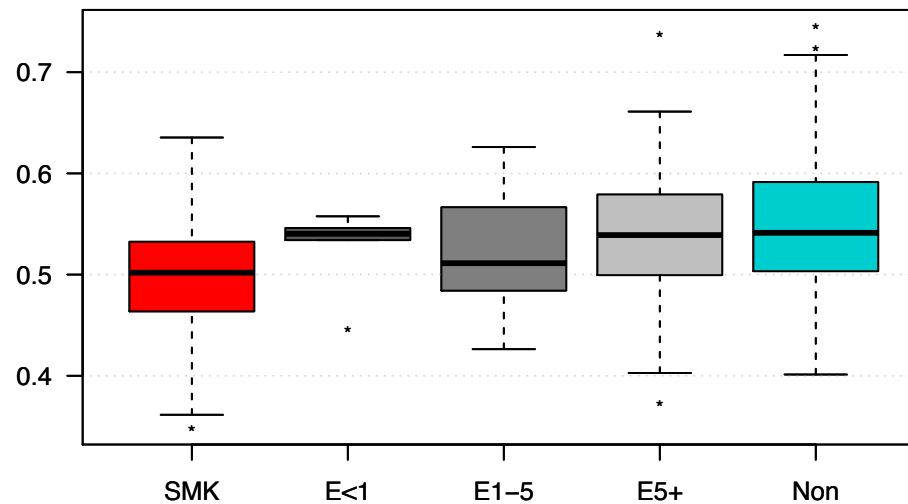
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P-value = 8.93e-10



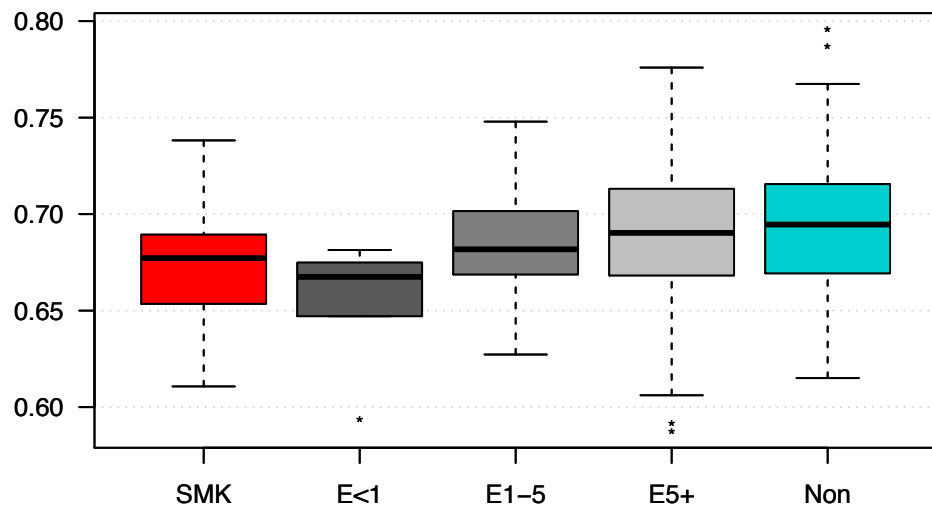
*** cg25648203_AHRR**
P-value = 1.30e-9



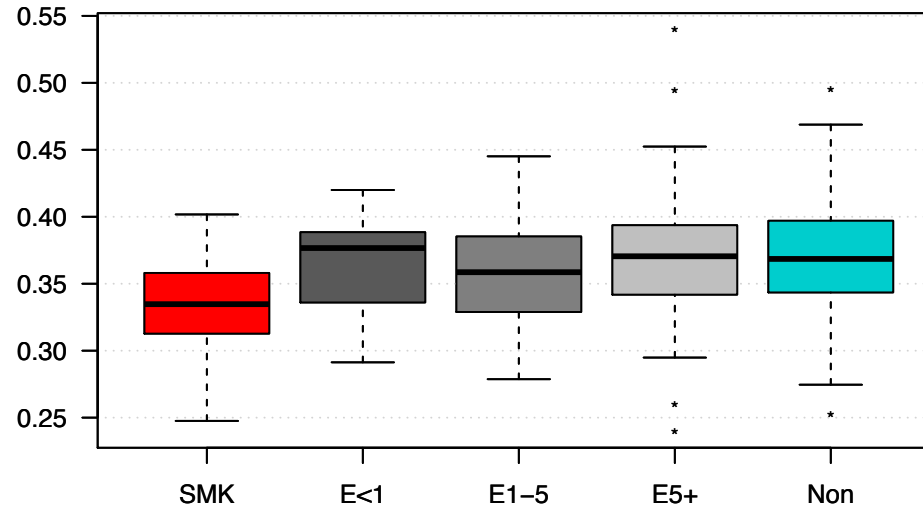
*** cg20408276_CYP1B1**
P-value = 1.61e-9



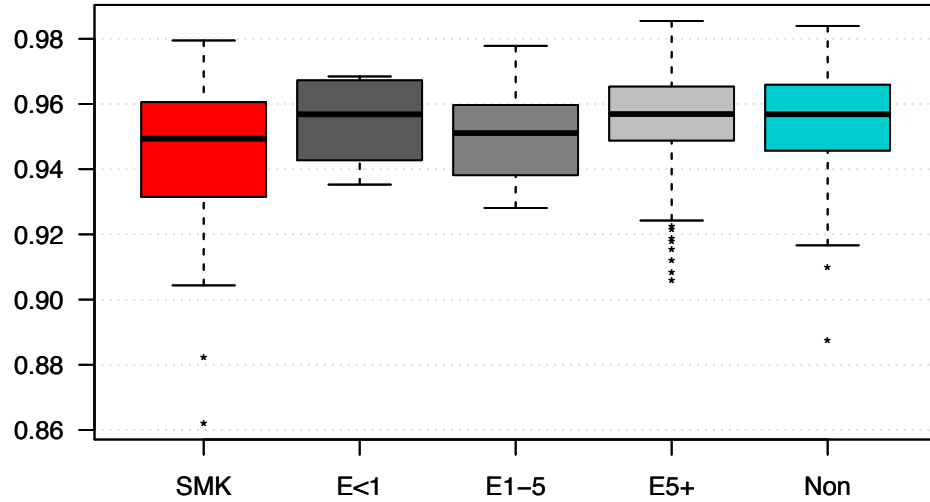
cg20131897_ACVRL1
P-value = 5.61e-9



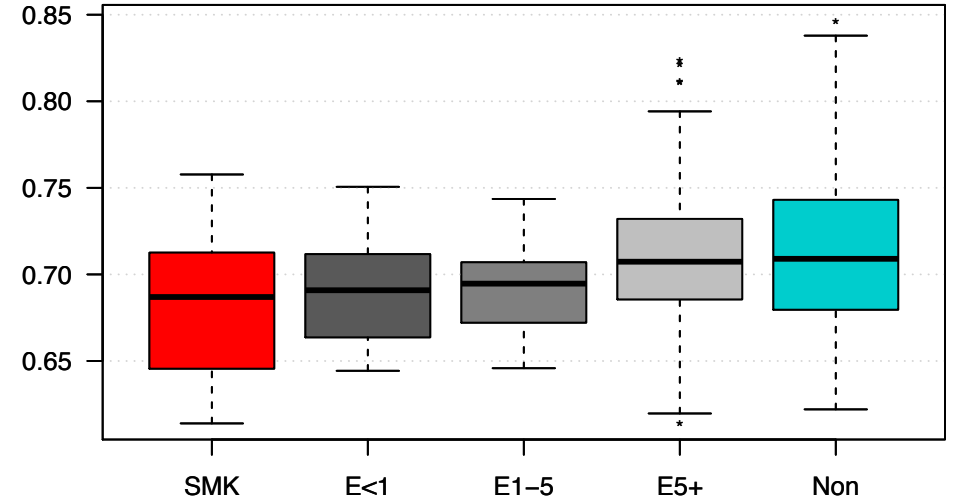
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P-value = 8.10e-9



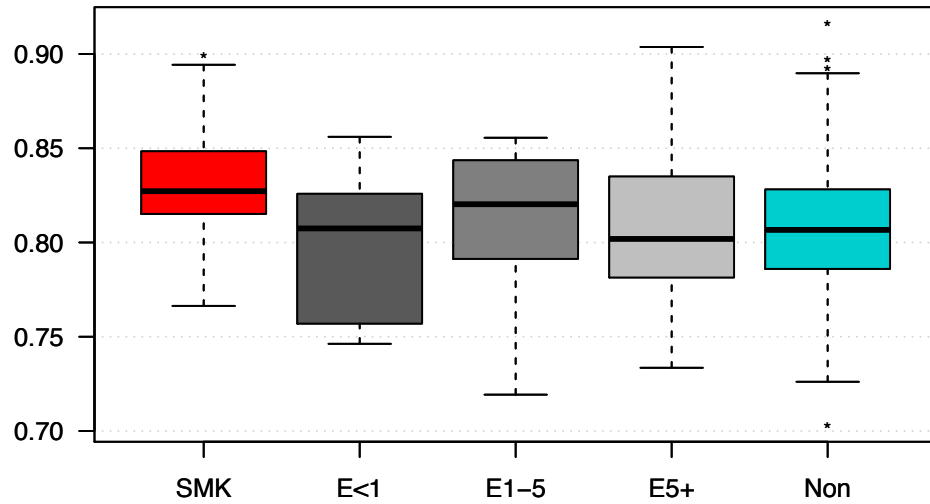
*** cg19405895_AHRR**
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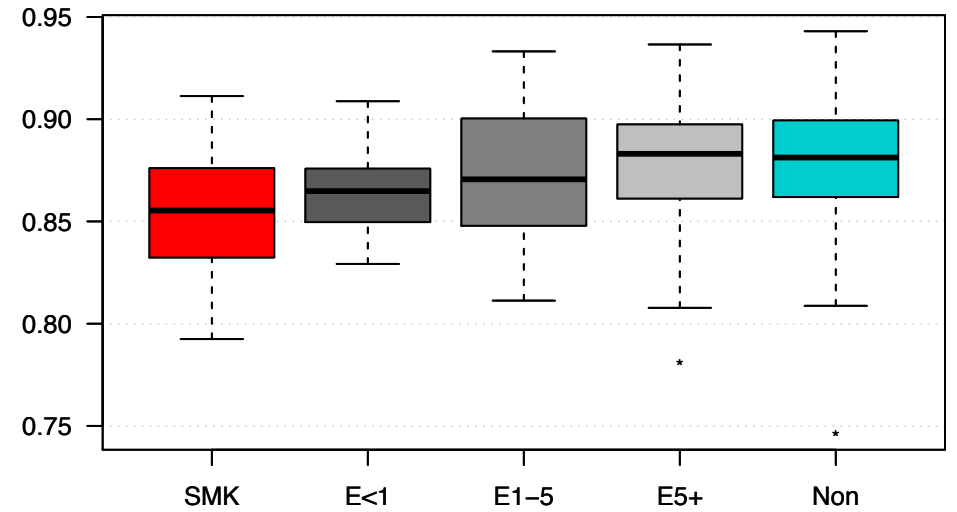
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P-value = 1.07e-8



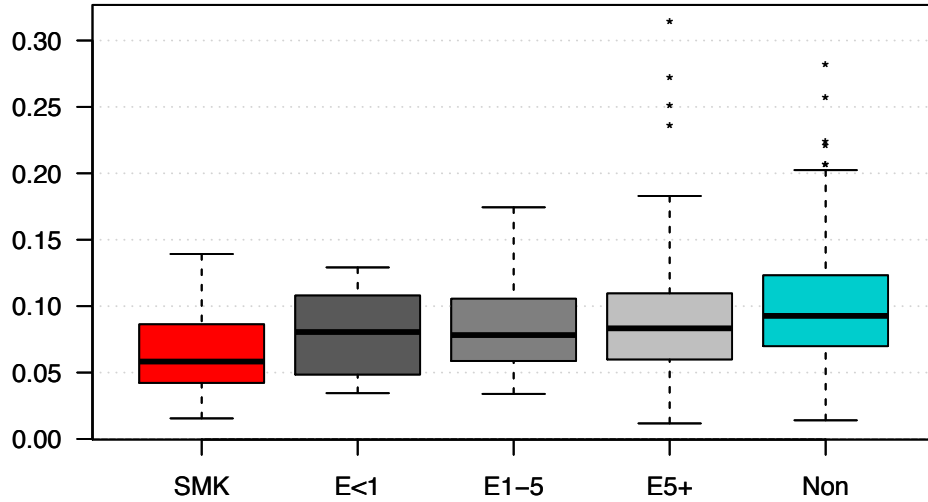
cg13531977_EPB41L4B
P-value = 1.14e-8



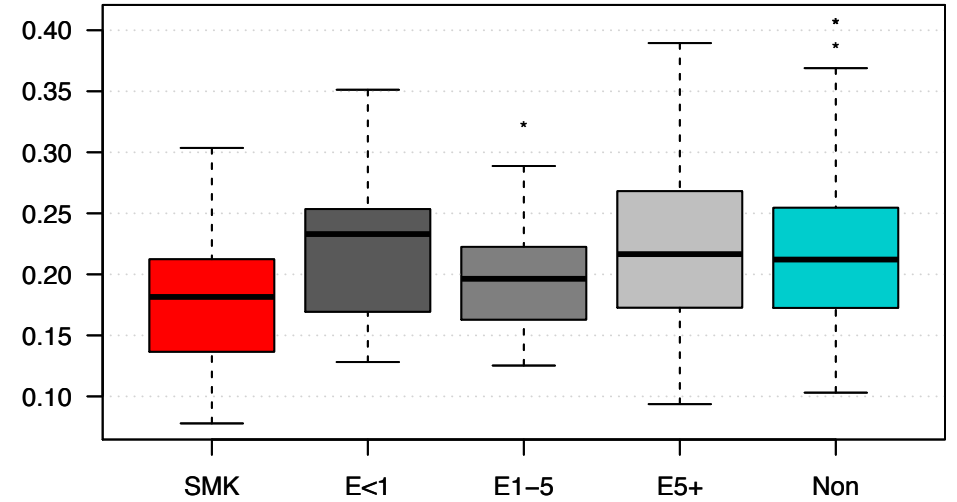
*** cg00512031_CYTL1**
P-value = 1.23e-8



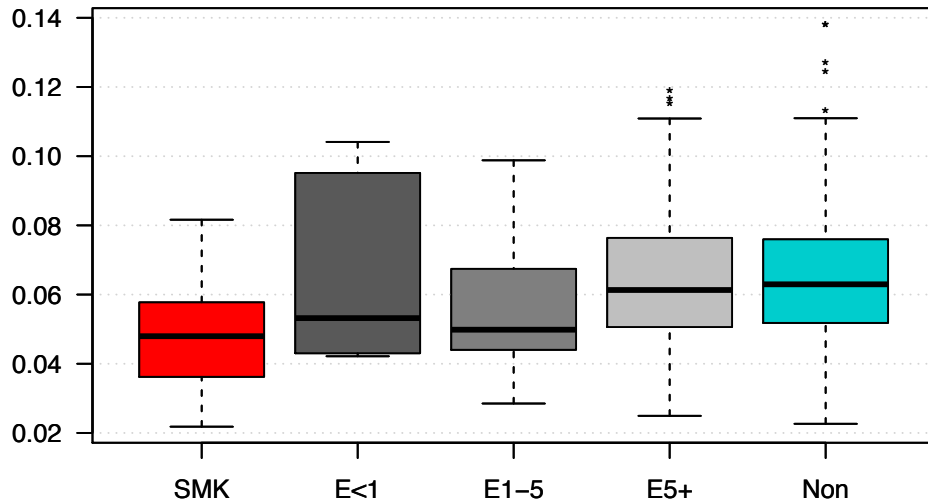
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P-value = 1.48e-8



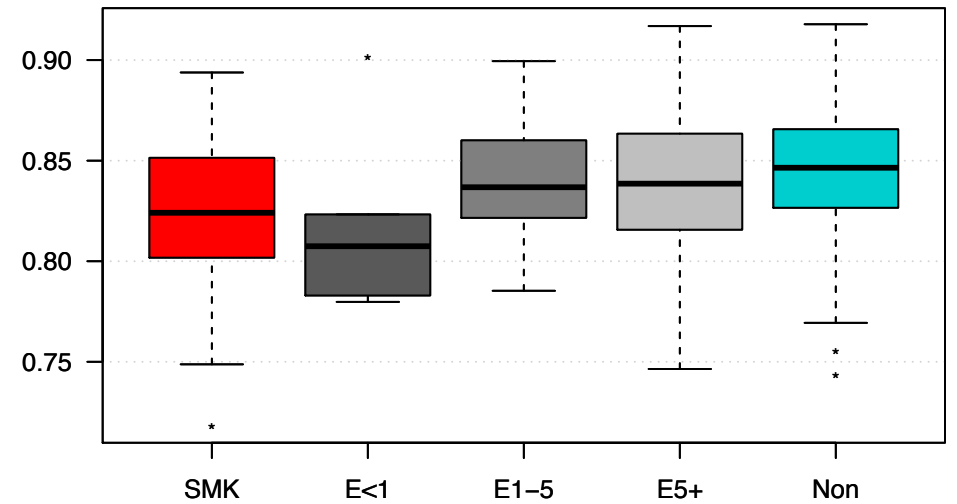
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P-value = 1.53e-8



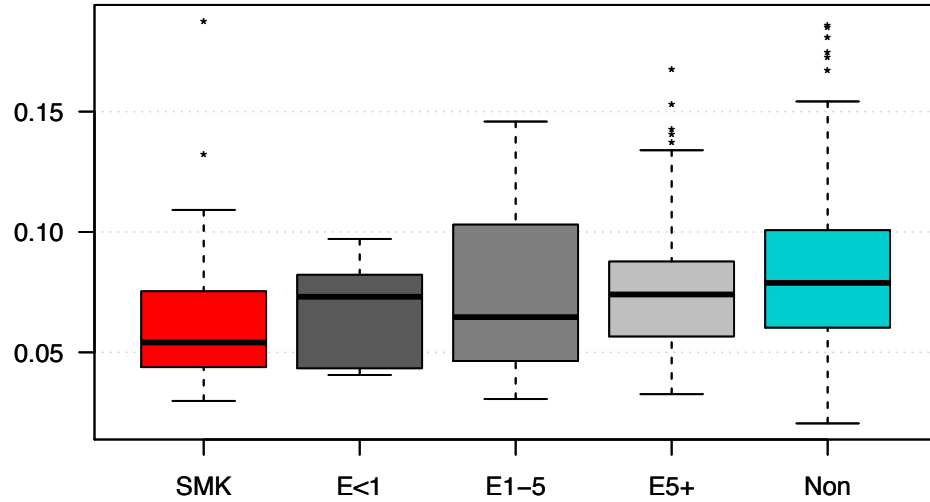
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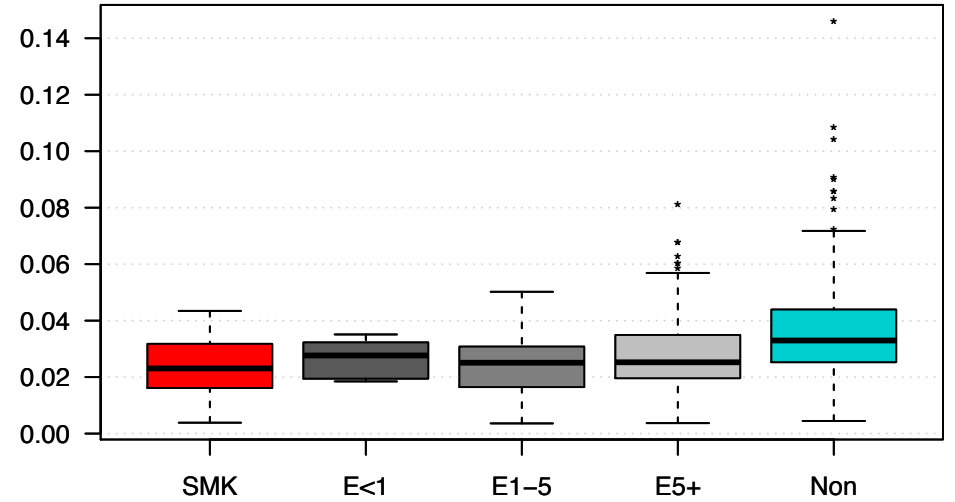
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P-value = 5.69e-8



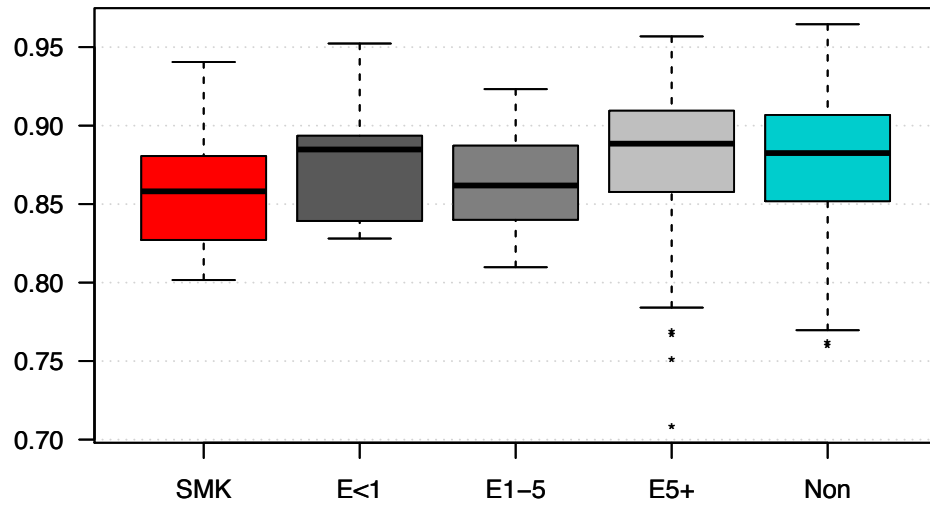
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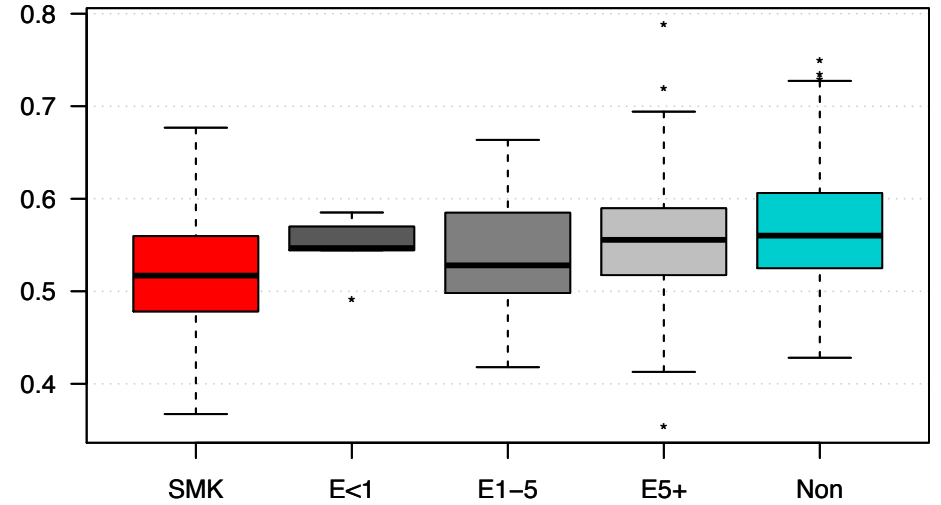
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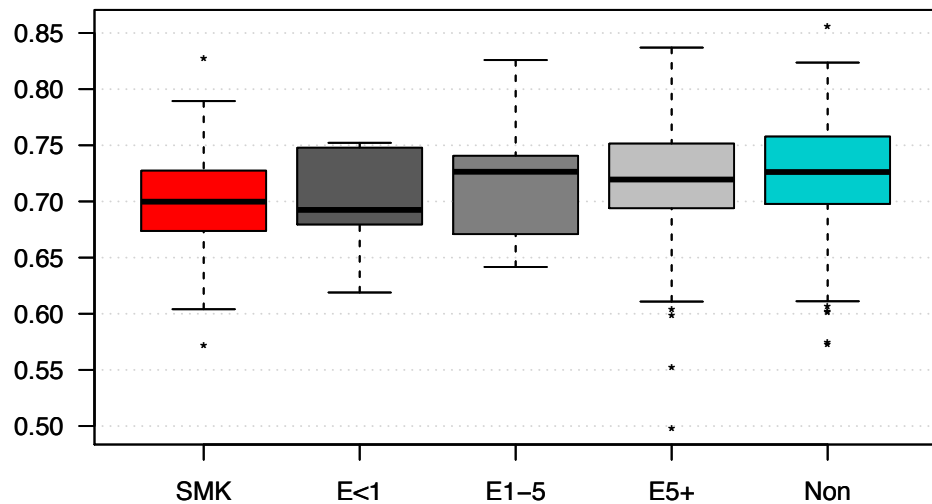
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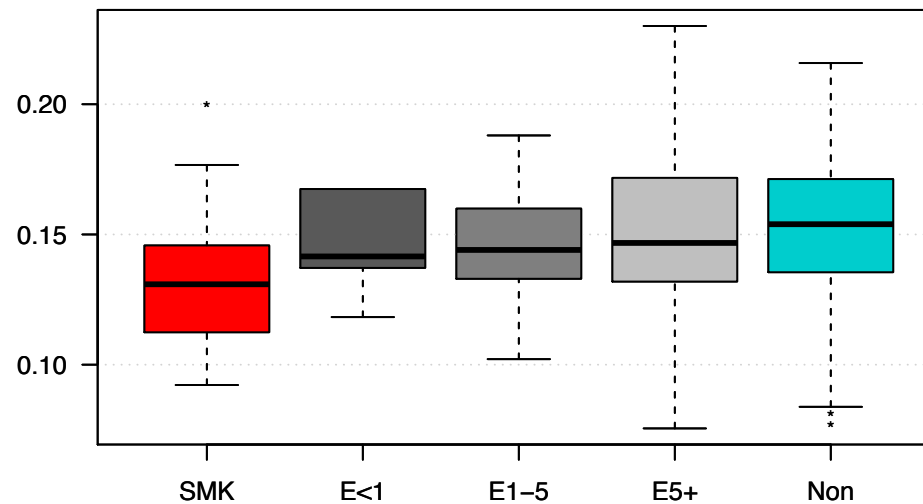
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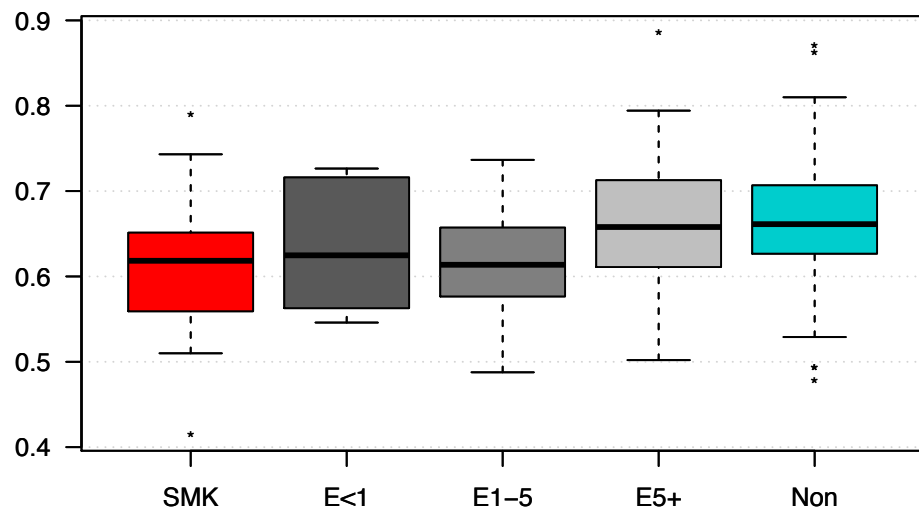
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P-value = 3.18e-7



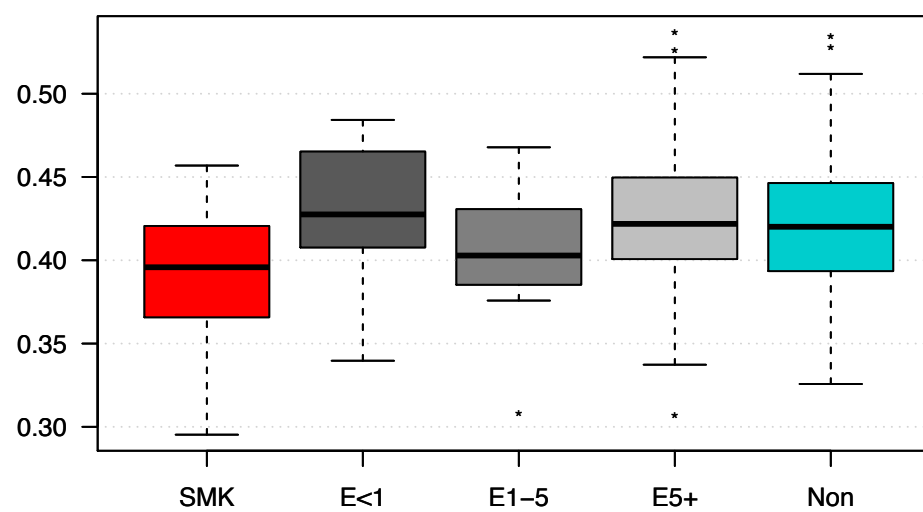
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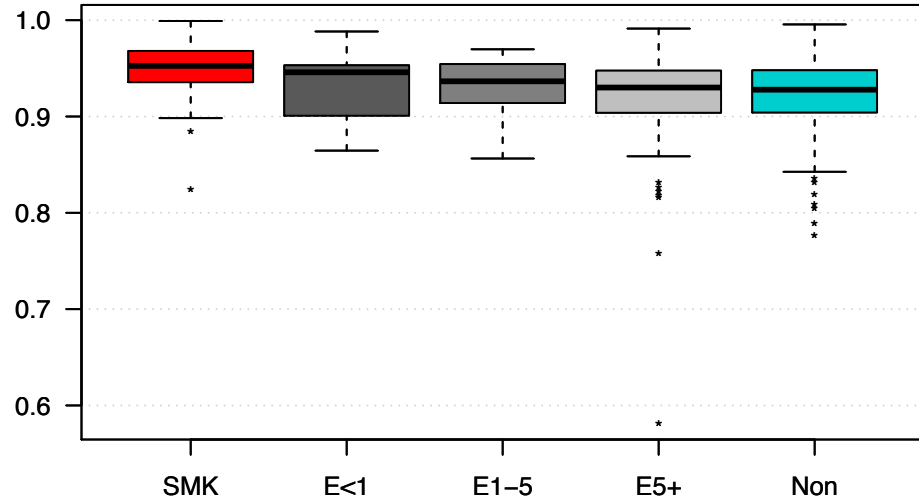
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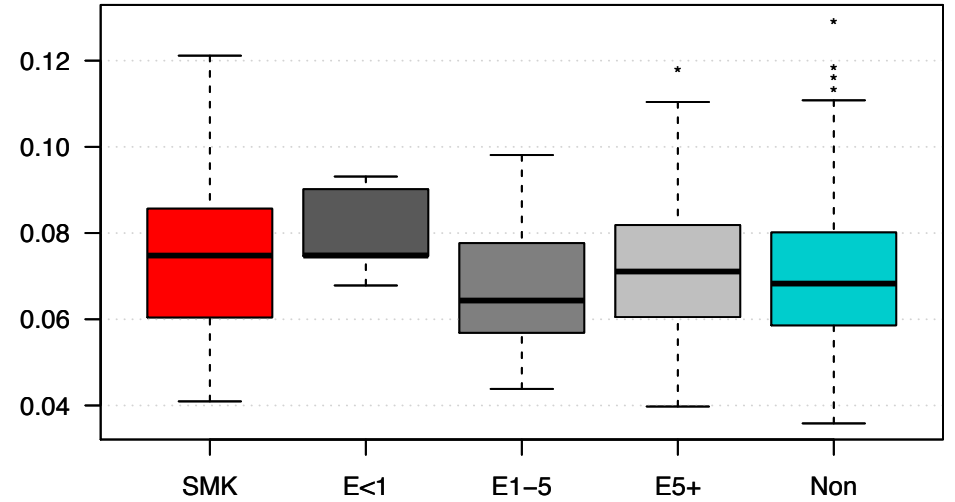
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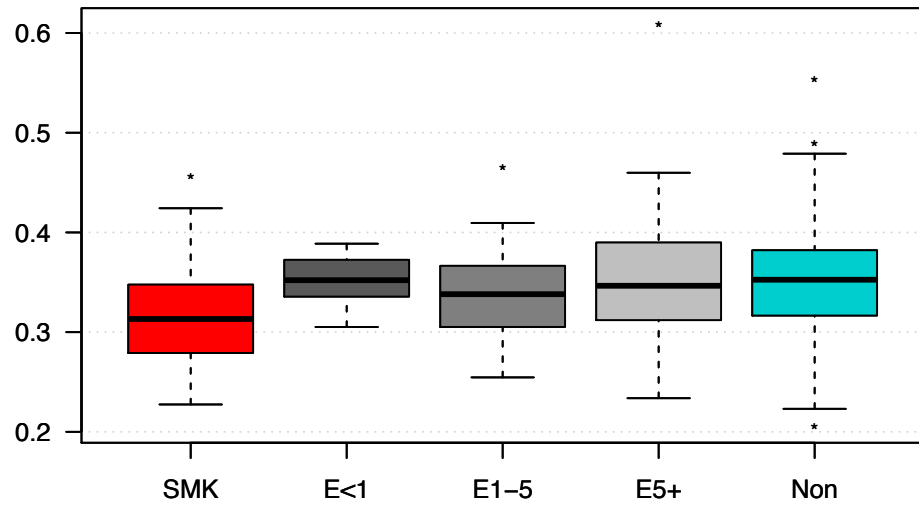
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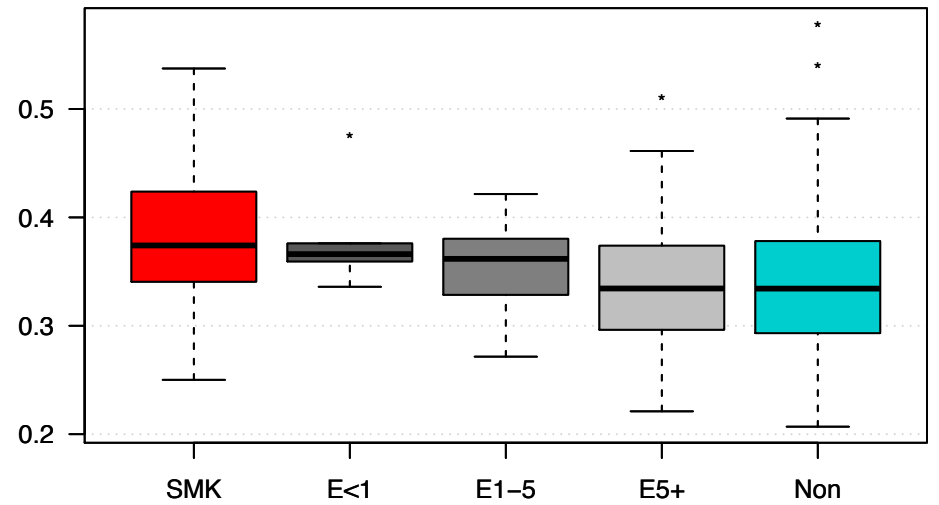
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P-value = 4.39e-7



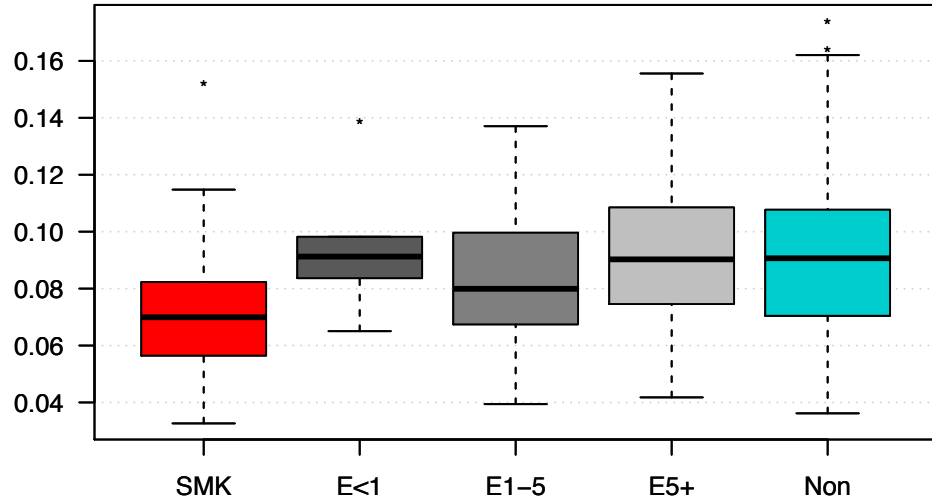
cg16320419_BHLHE40
P-value = 4.88e-7



***cg04135110_AHRR**
P-value = 5.34e-7



cg20109054_C6orf48;SNORD52
P-value = $7.85e-7$



cg16721845_MTL5
P-value = $8.37e-7$

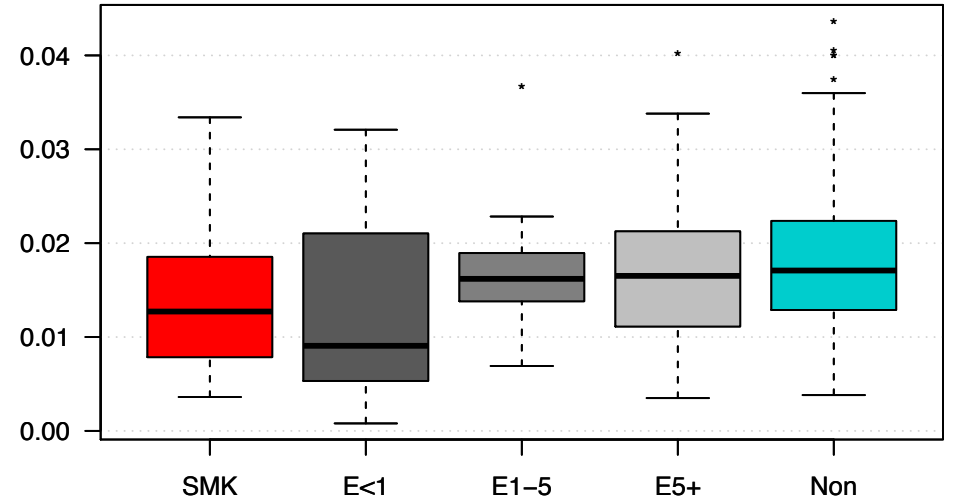
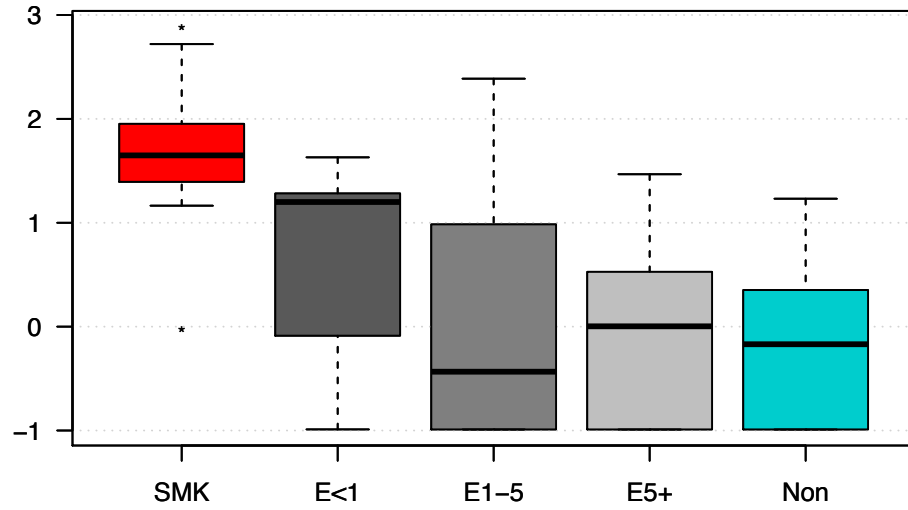
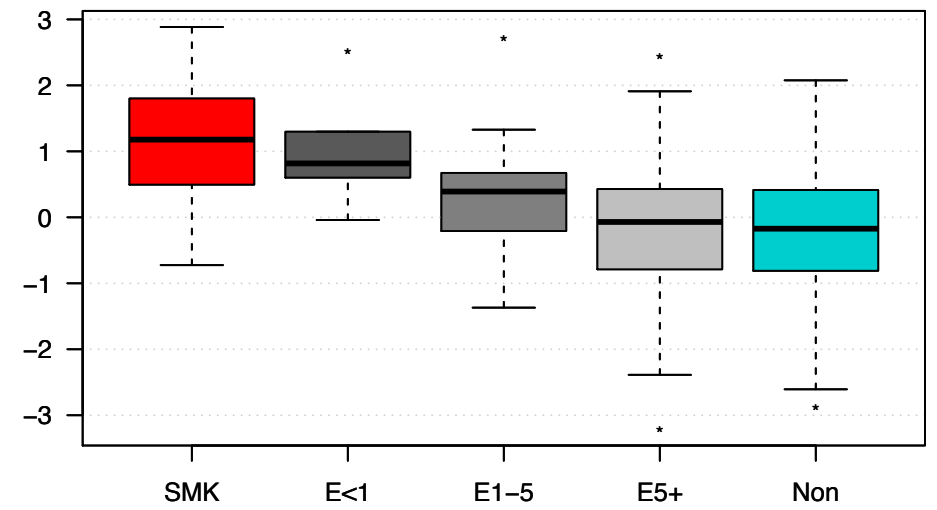


Figure S3

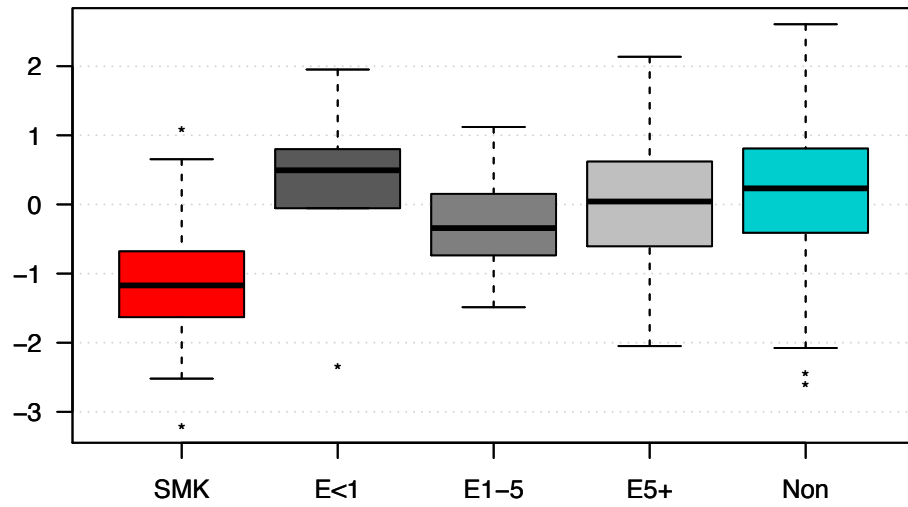
*** ENSG00000140465.7_CYP1A1**
P-value = 5.37e-51



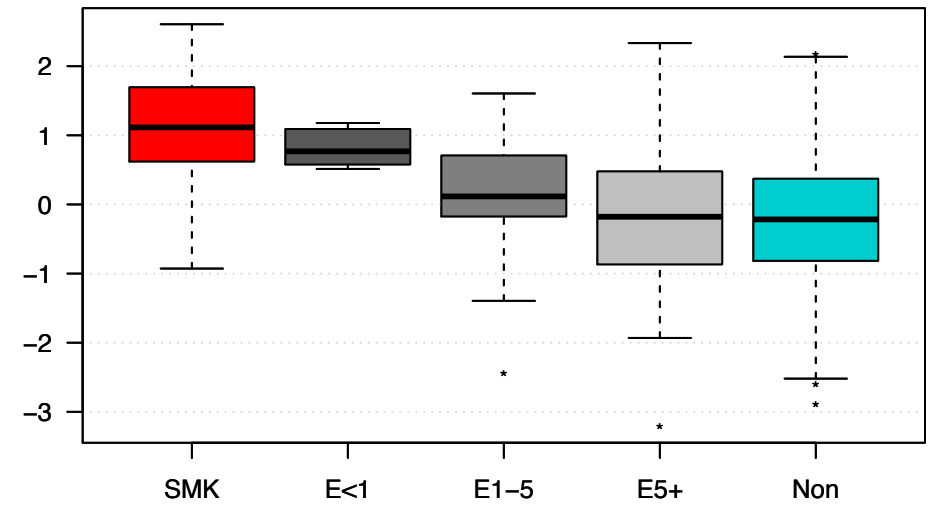
*** ENSG00000138061.7_CYP1B1**
P-value = 2.83e-21



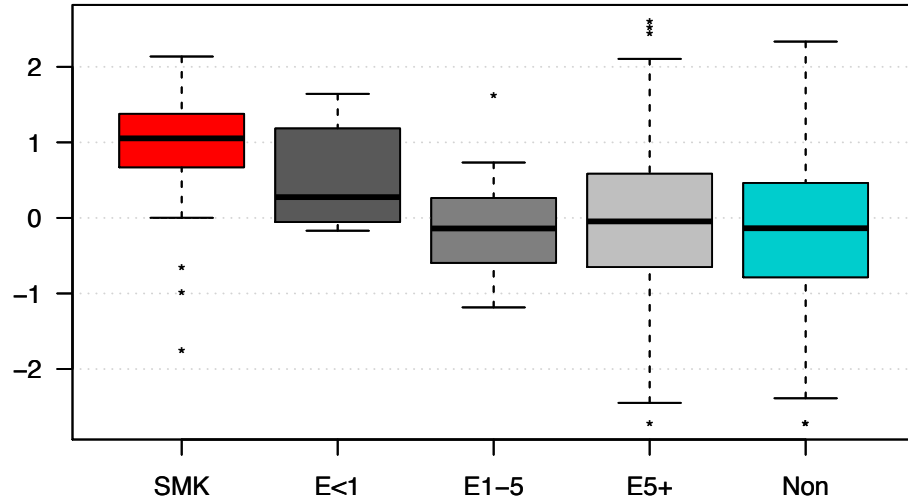
ENSG00000144331.14_ZNF385B
P-value = 1.53e-18



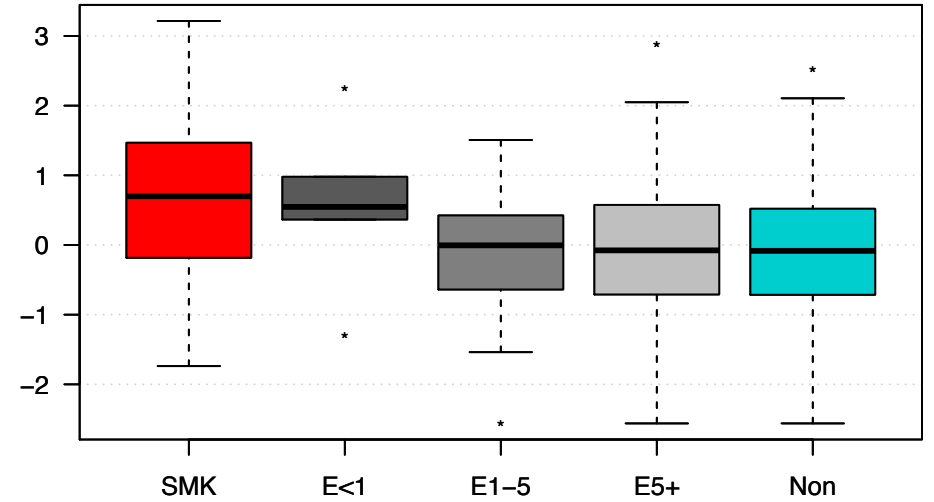
ENSG00000179151.6_EDC3
P-value = 3.10e-17



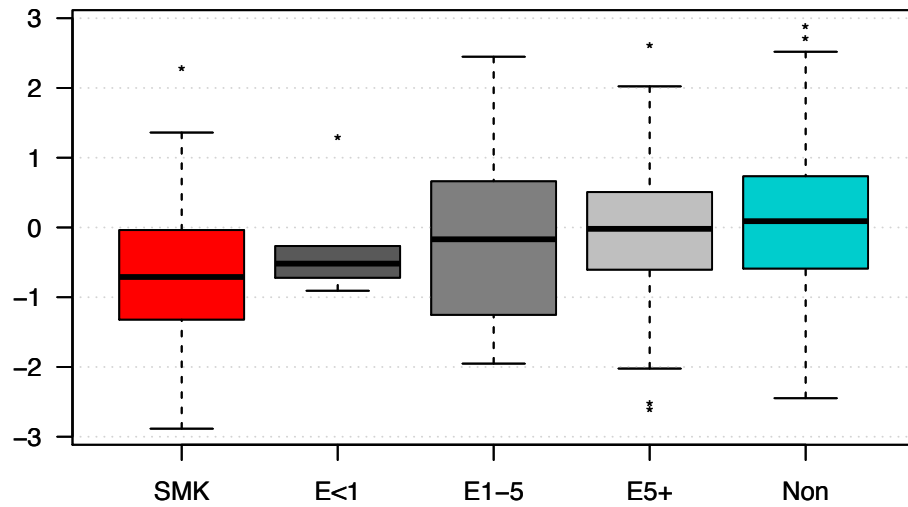
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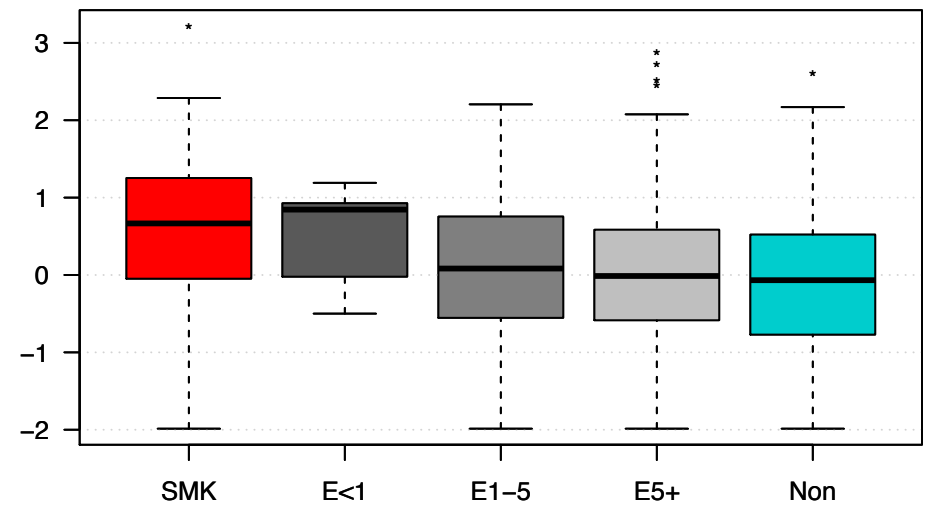
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P-value = 2.18e-10



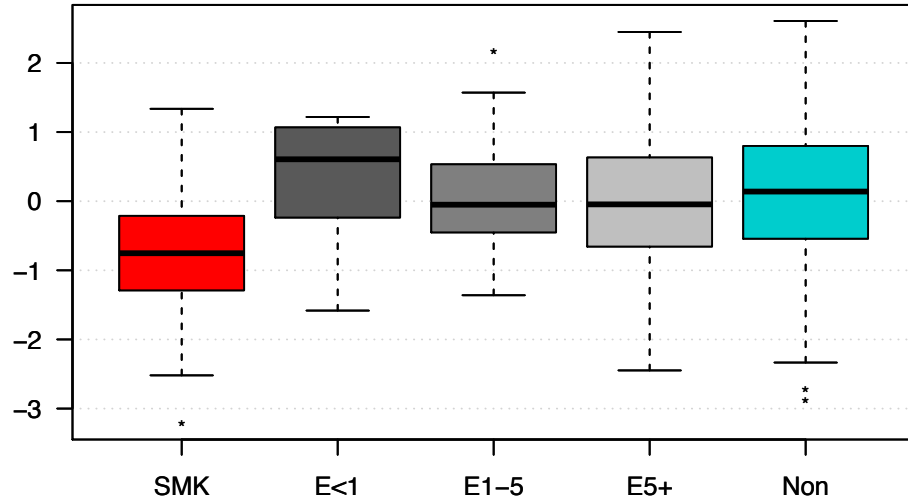
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P-value = 8.35e-09



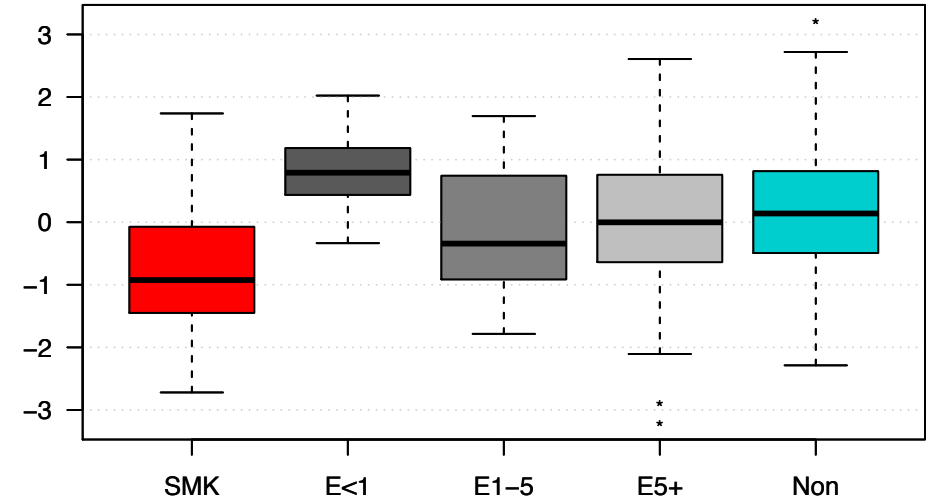
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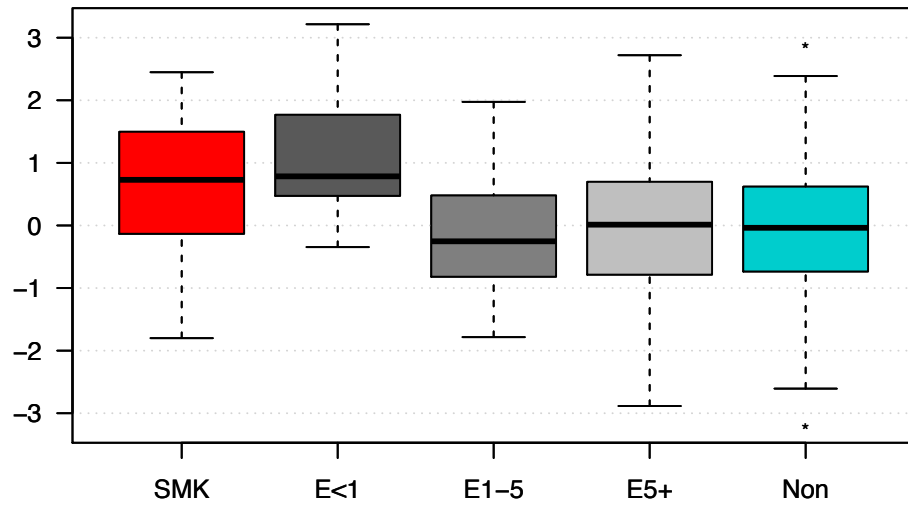
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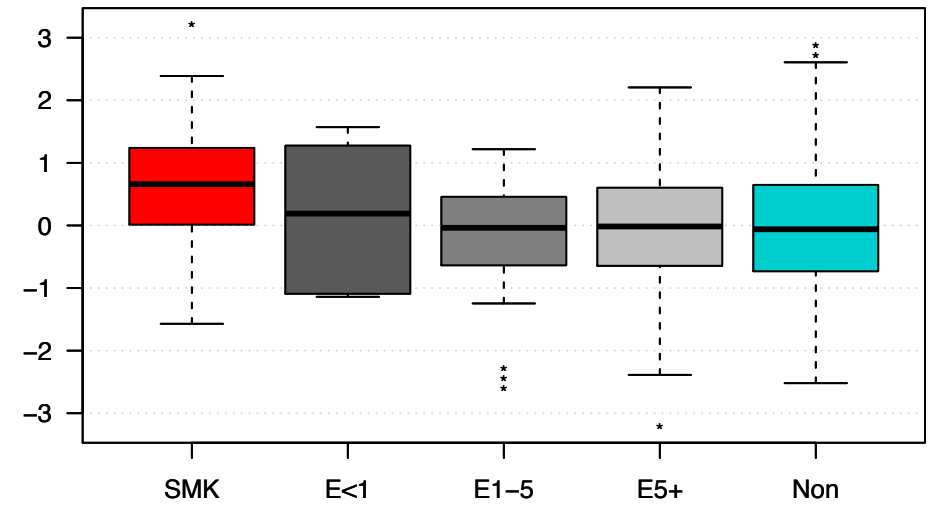
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P-value = 4.74e-08



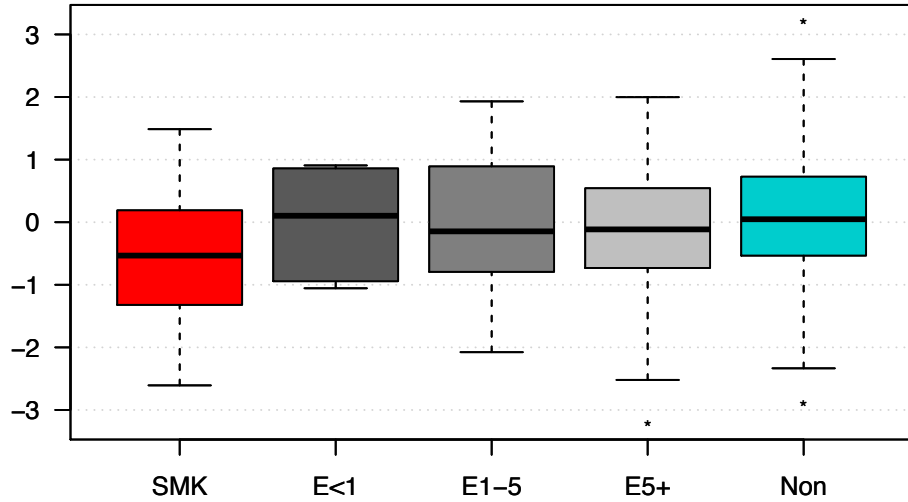
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P-value = 2.53e-07



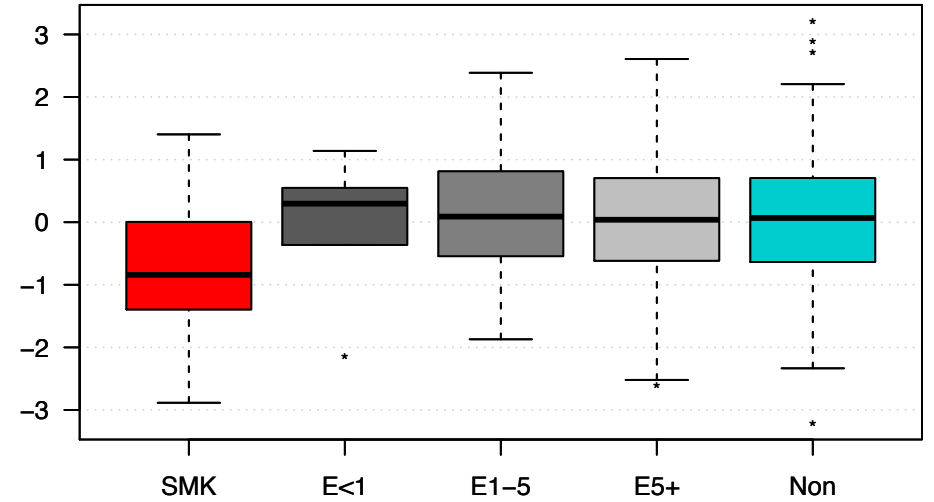
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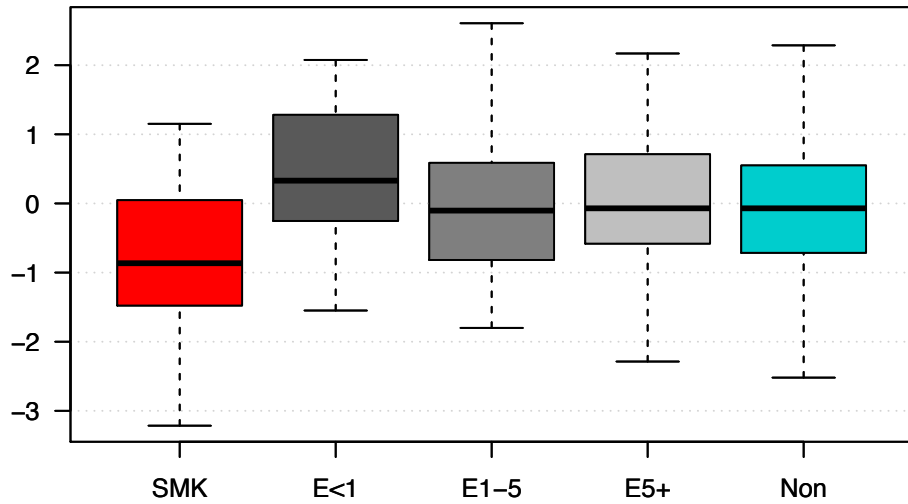
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P-value = 3.03e-07



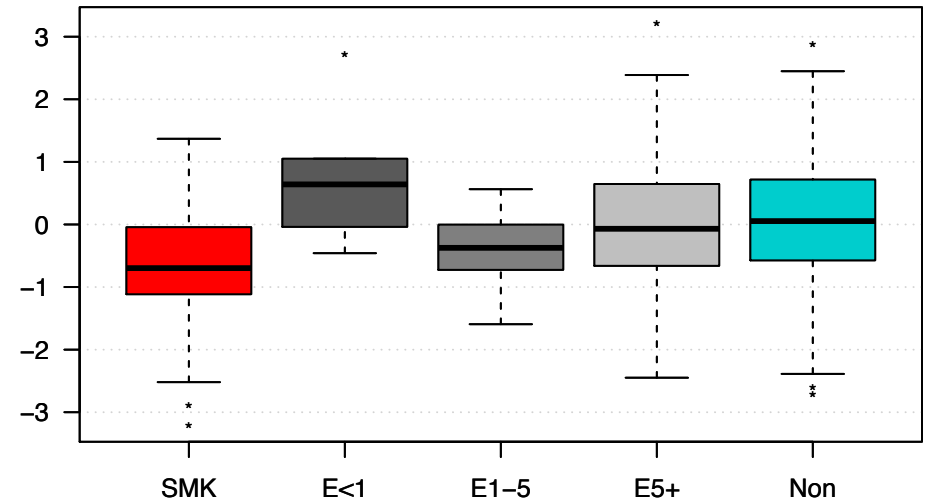
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P-value = 4.76e-07



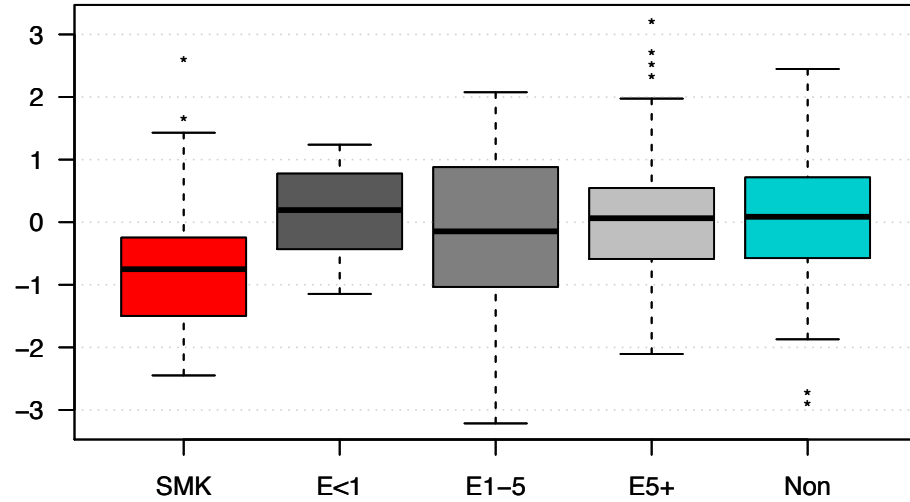
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P-value = 6.76e-07



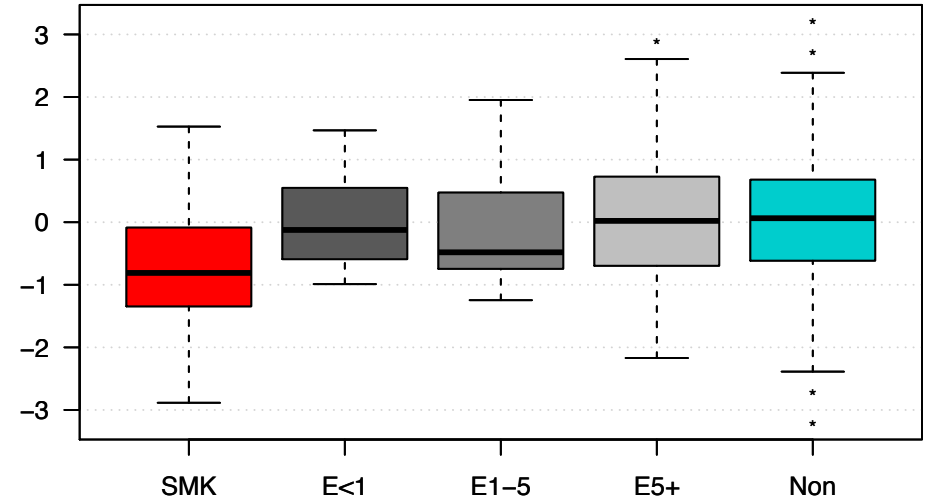
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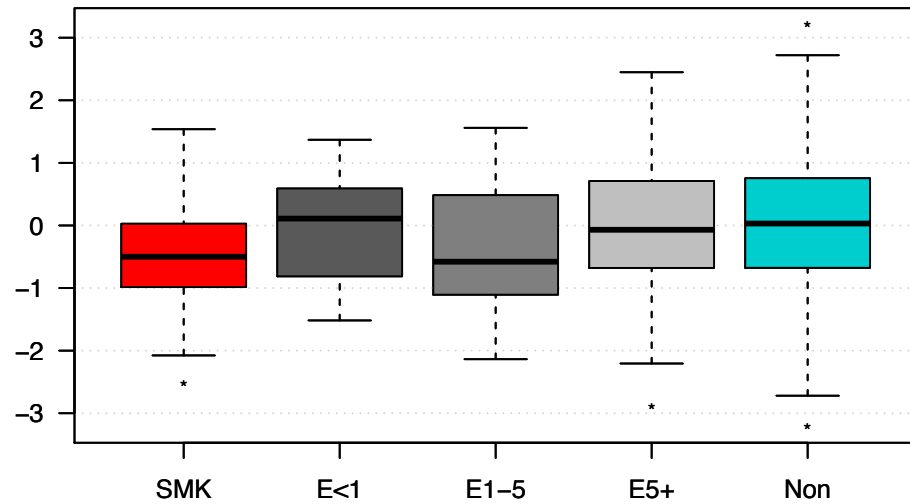
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P-value = 1.82e-06



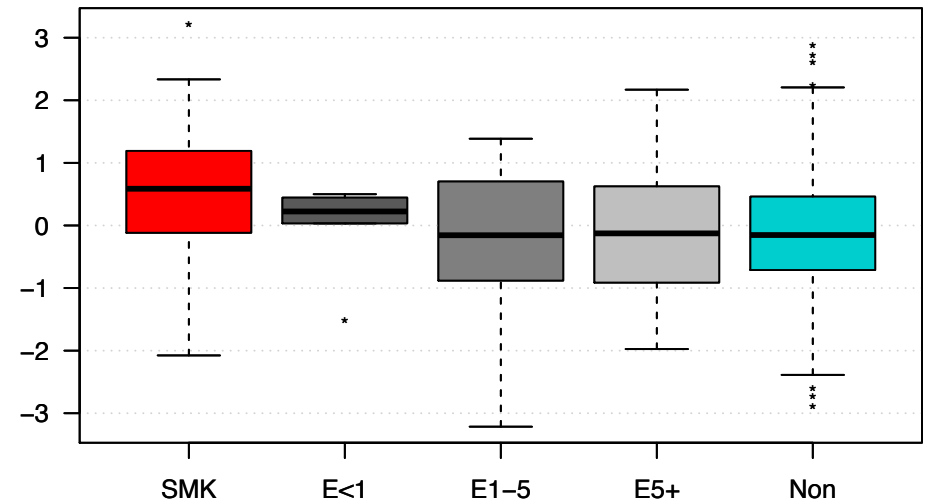
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P-value = 2.23e-06



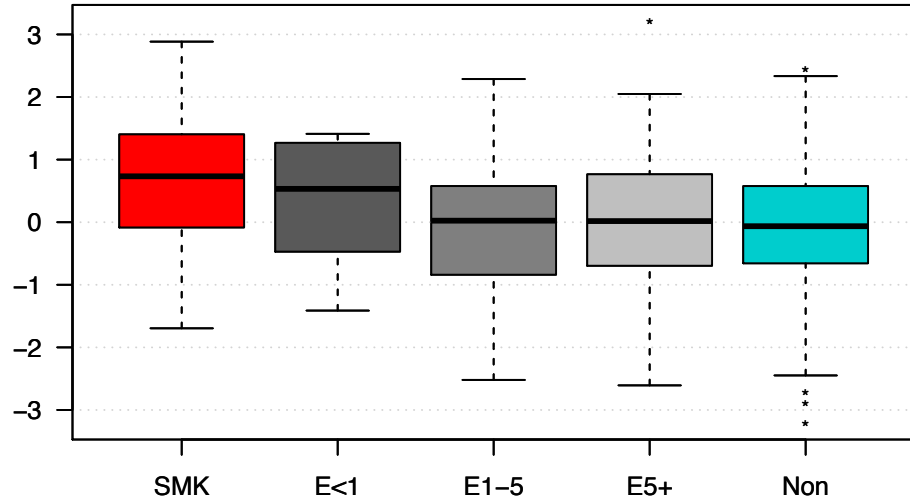
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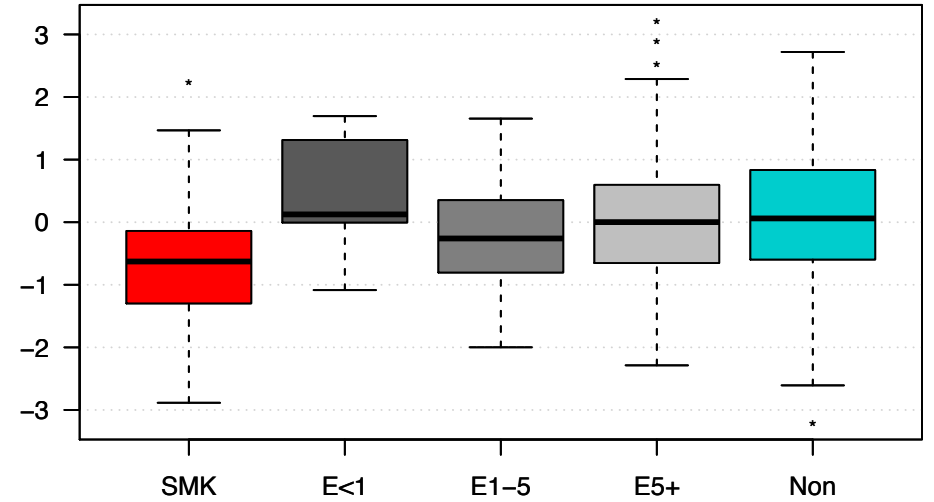
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P-value = 3.31e-06



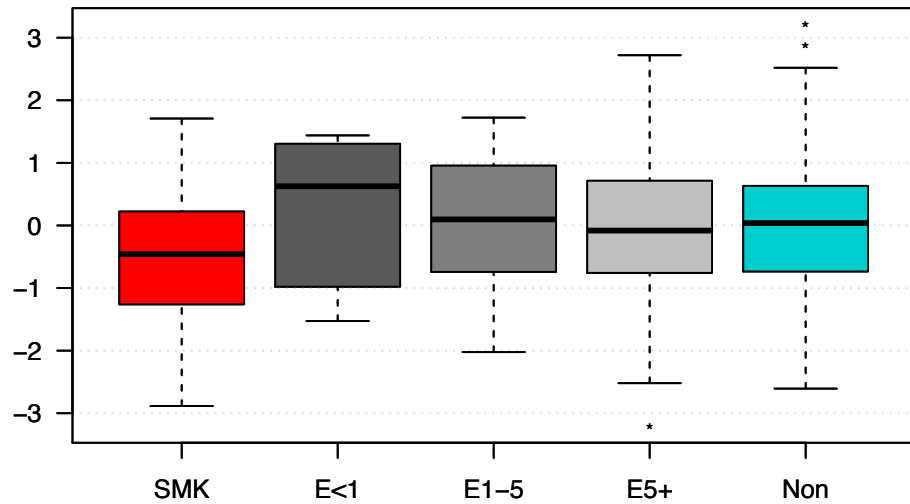
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P-value = 3.42e-06



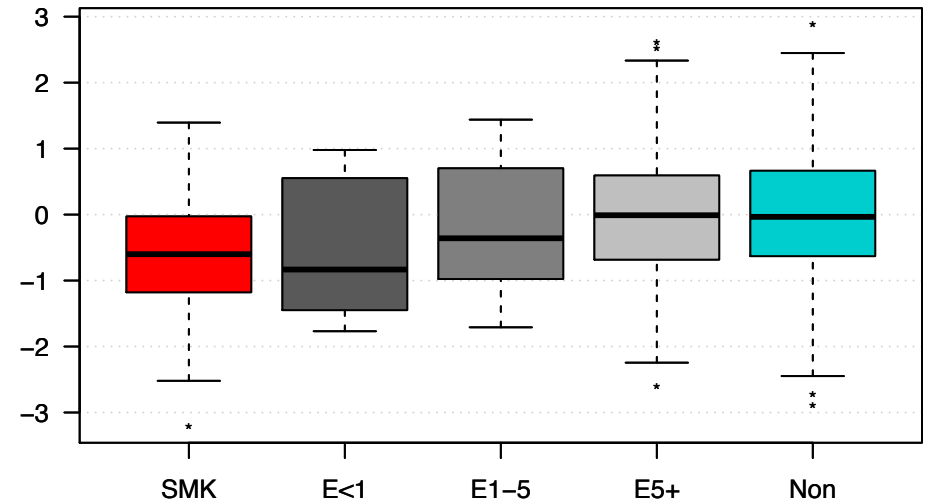
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P-value = 3.49e-06



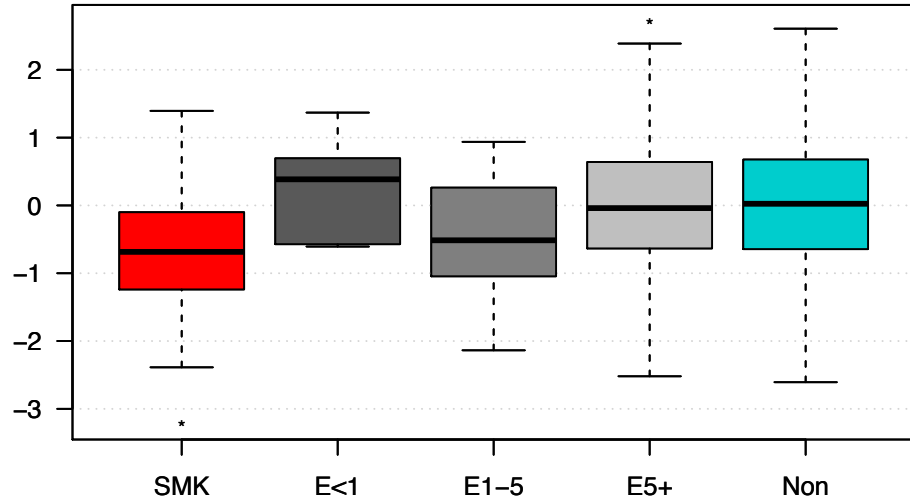
ENSG00000176907.3_C8orf4
P-value = 3.56e-06



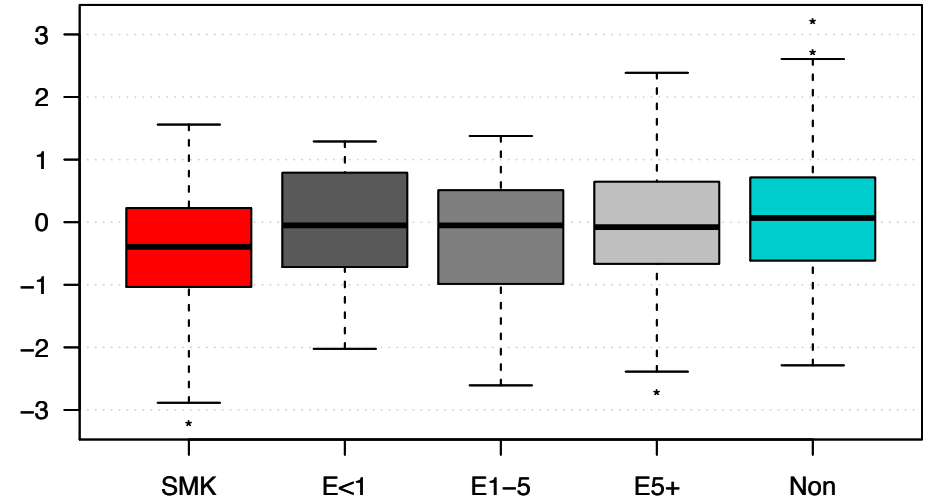
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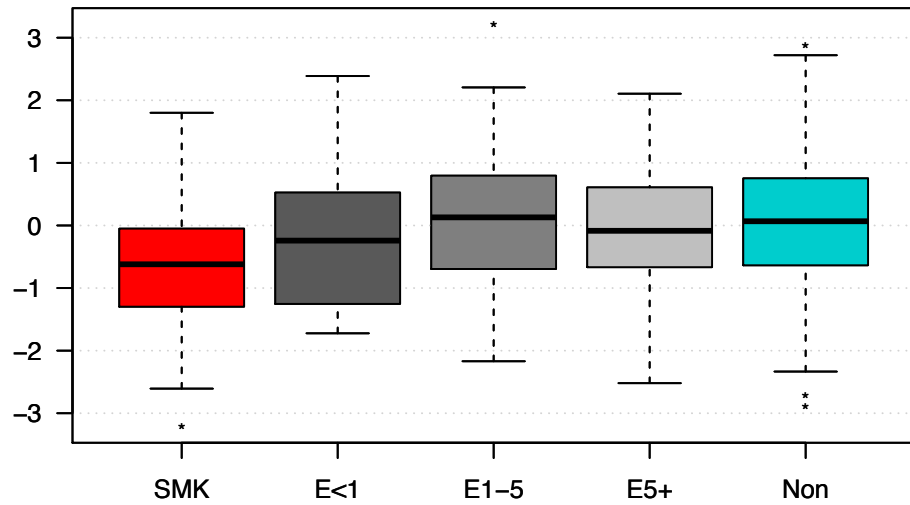
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P-value = 4.17e-06



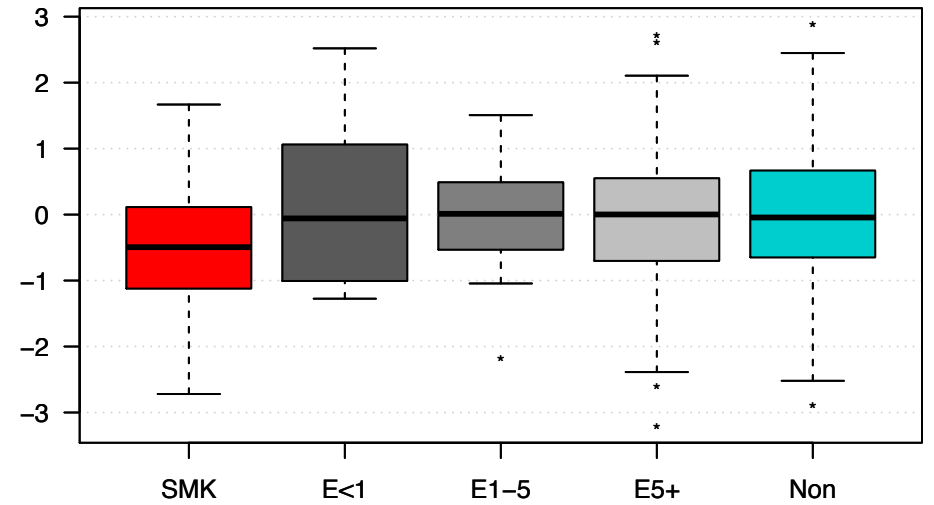
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P-value = 6.82e-06



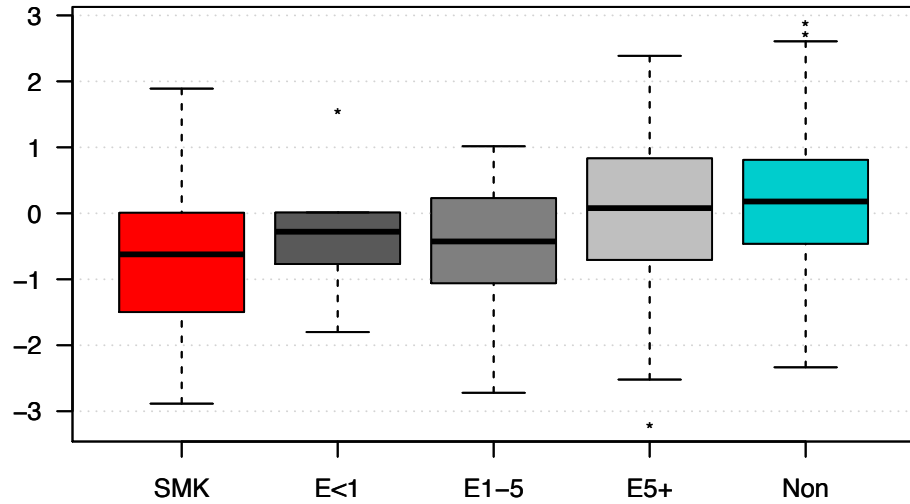
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P-value = 9.50e-06



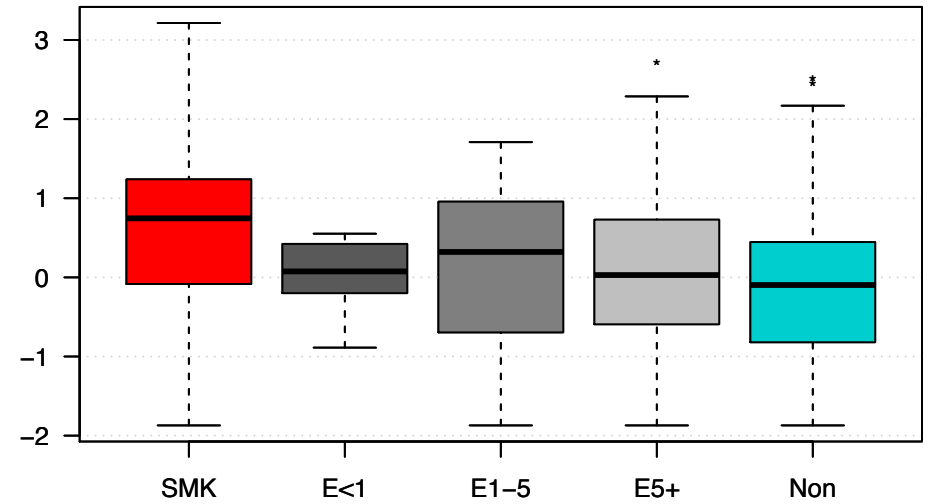
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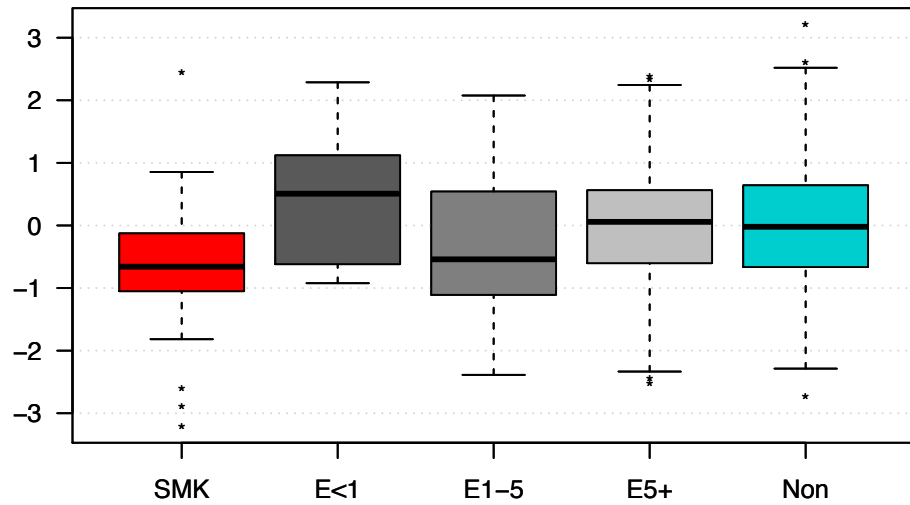
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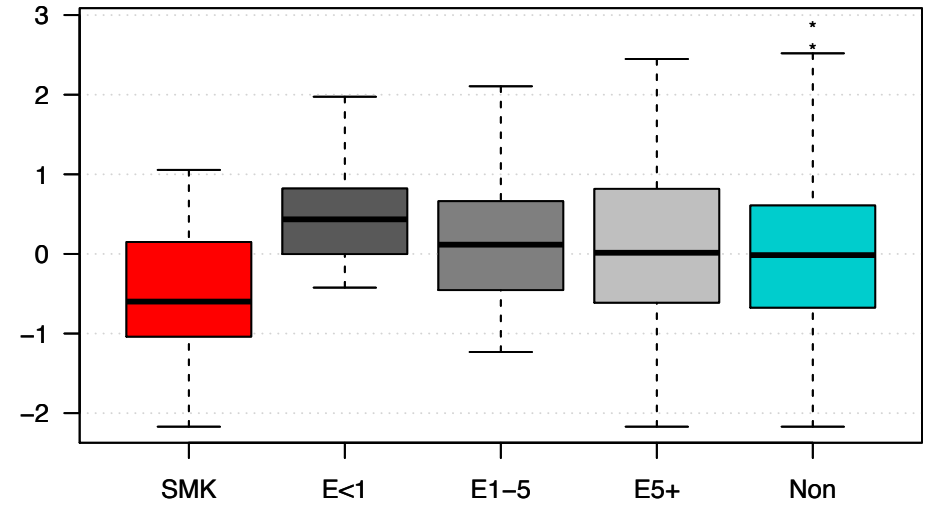
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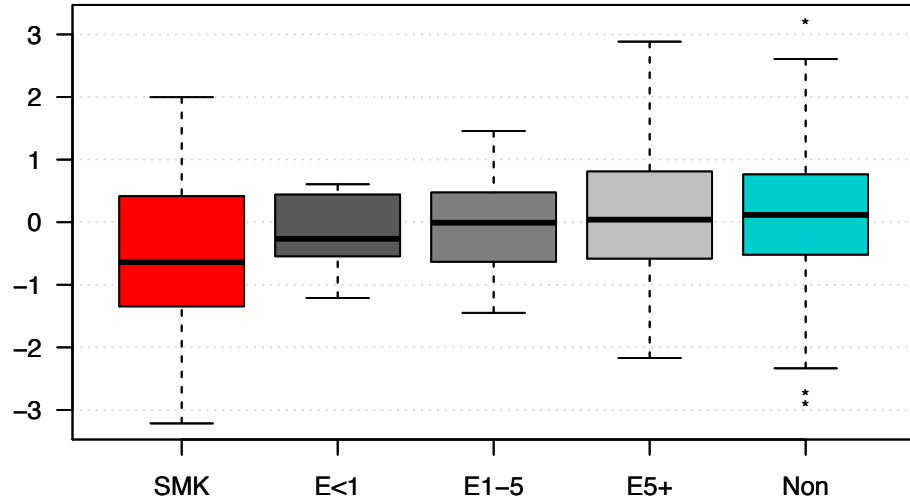
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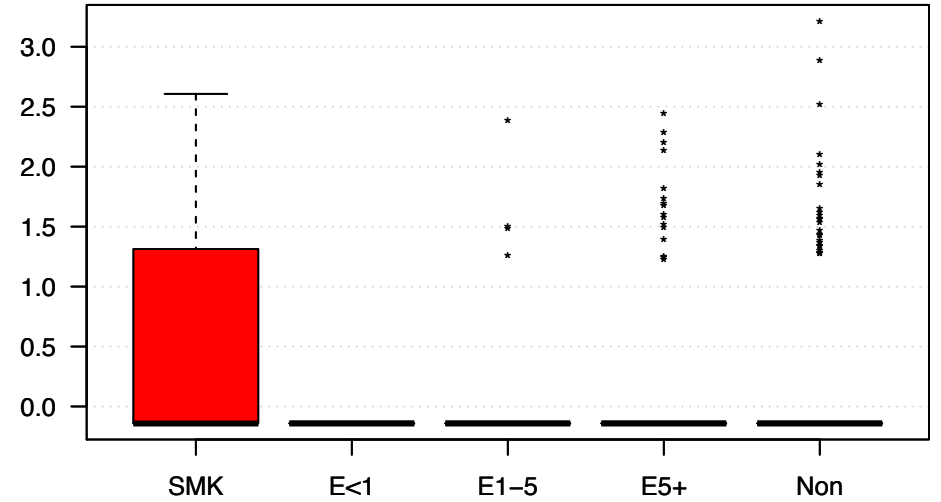
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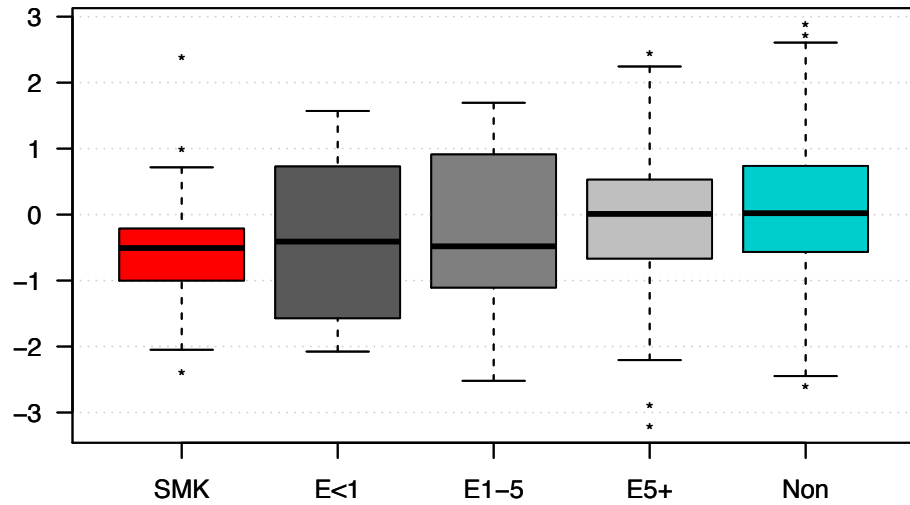
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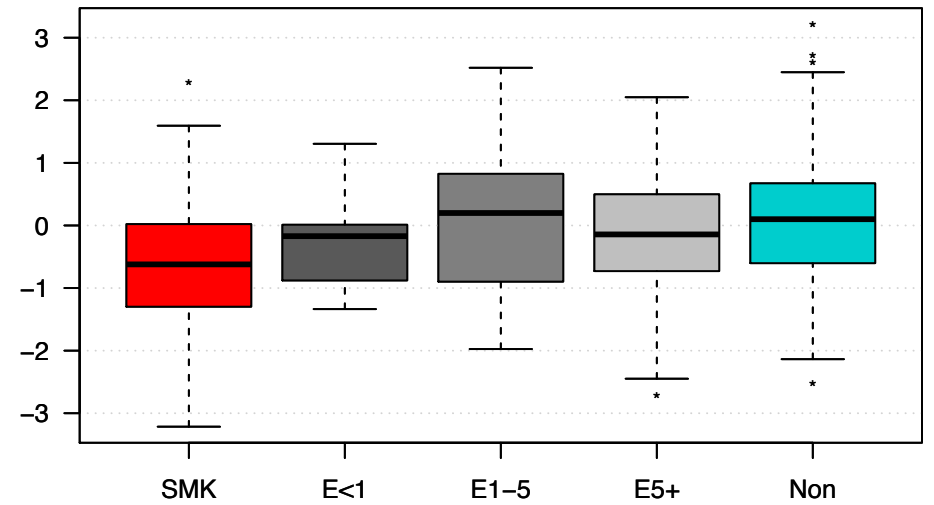
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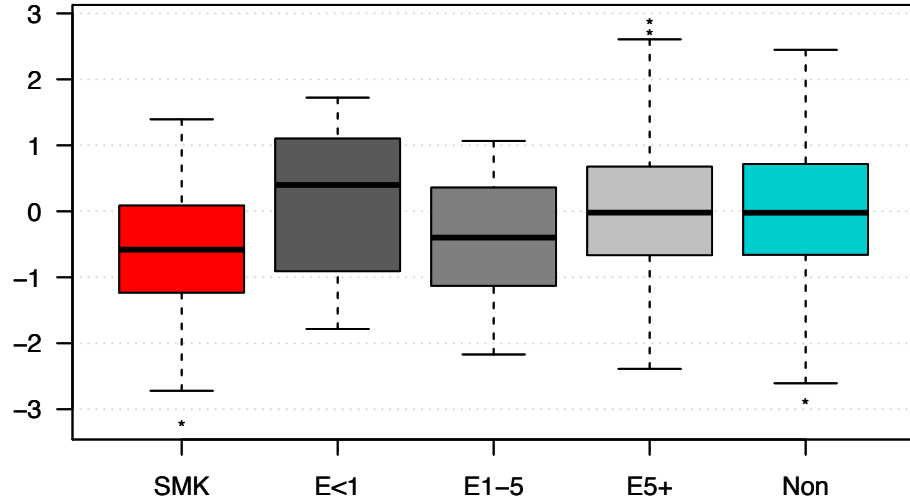
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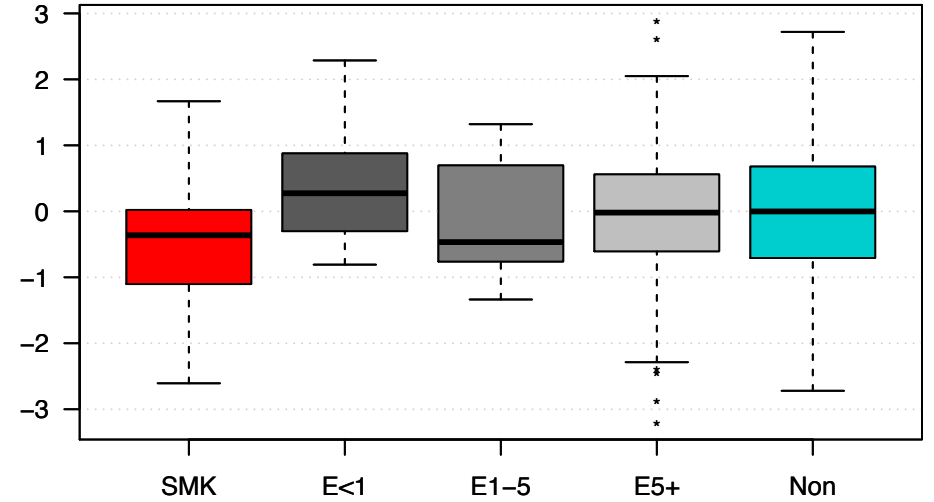
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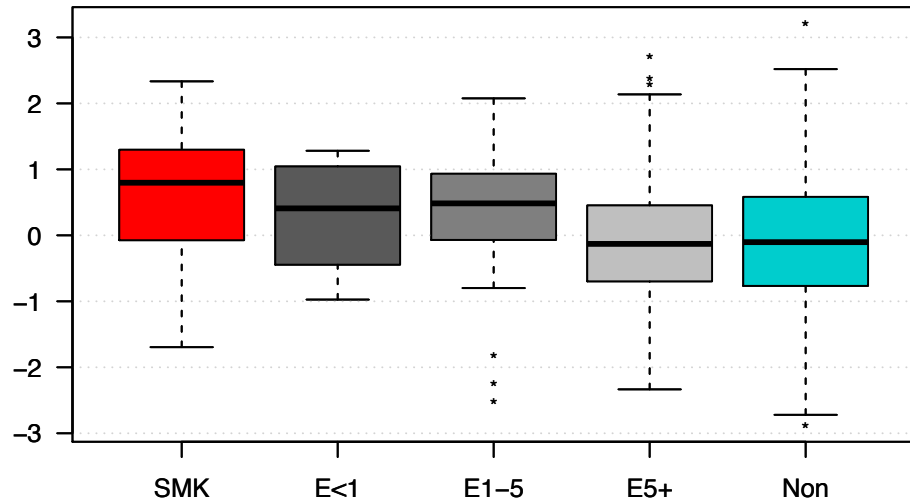
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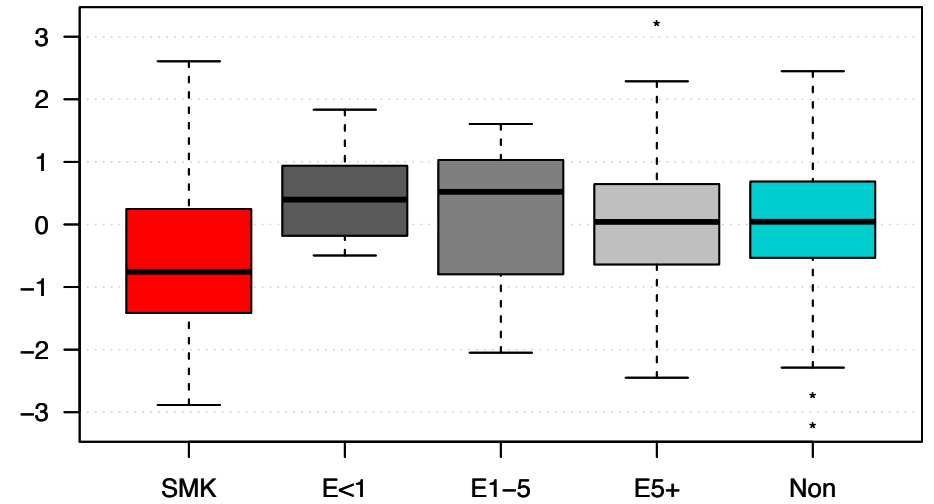
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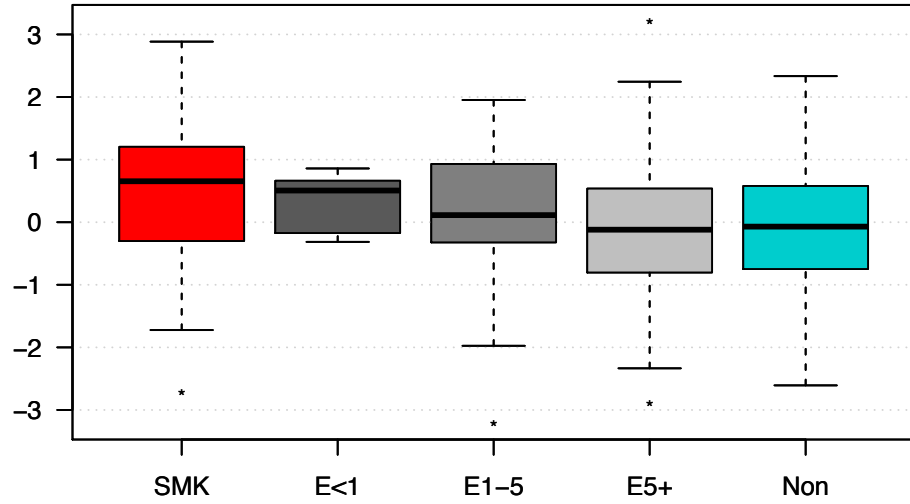
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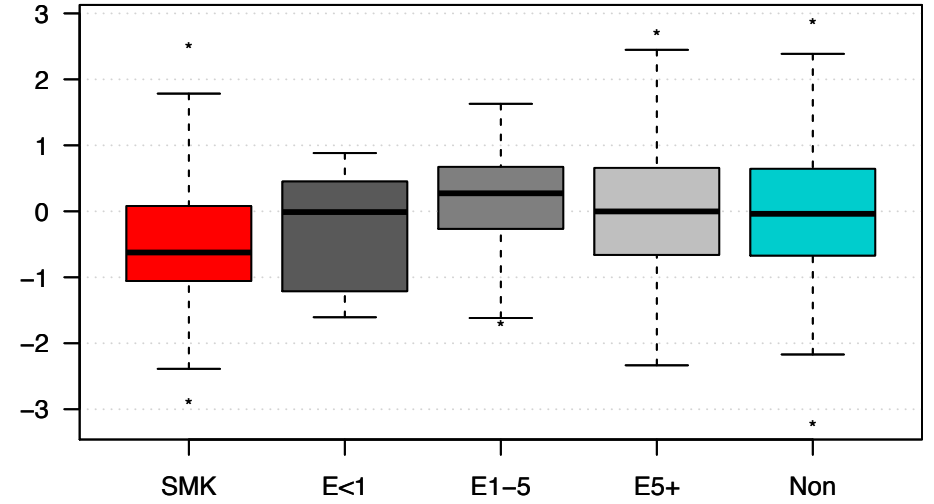
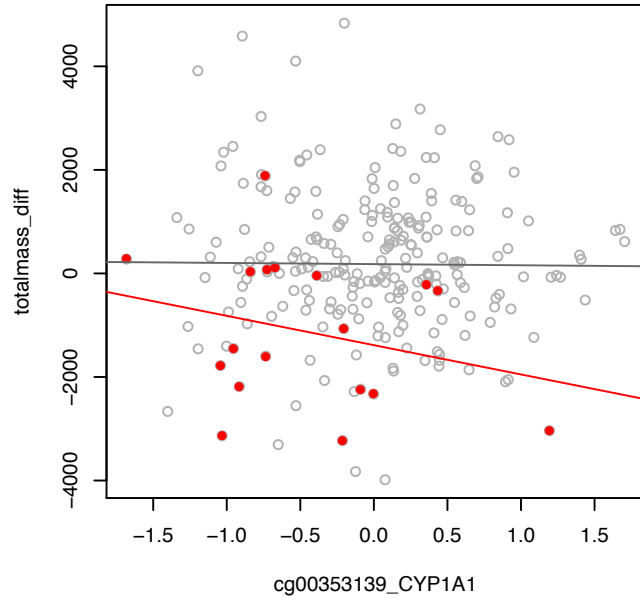
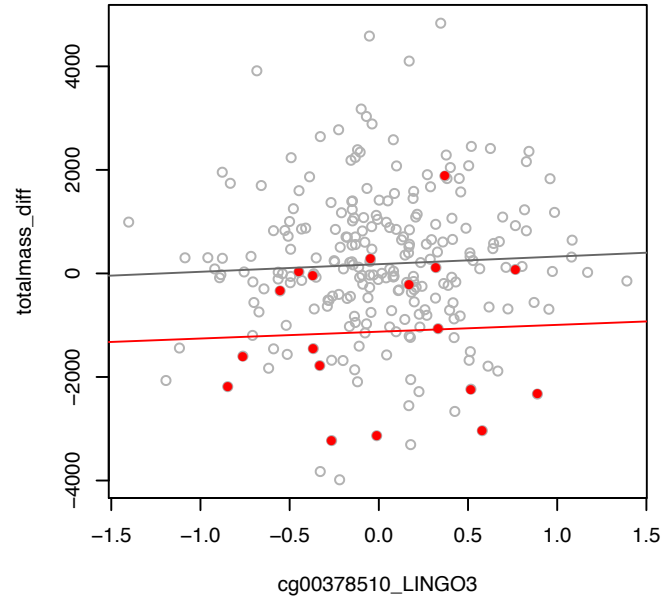


Figure S4

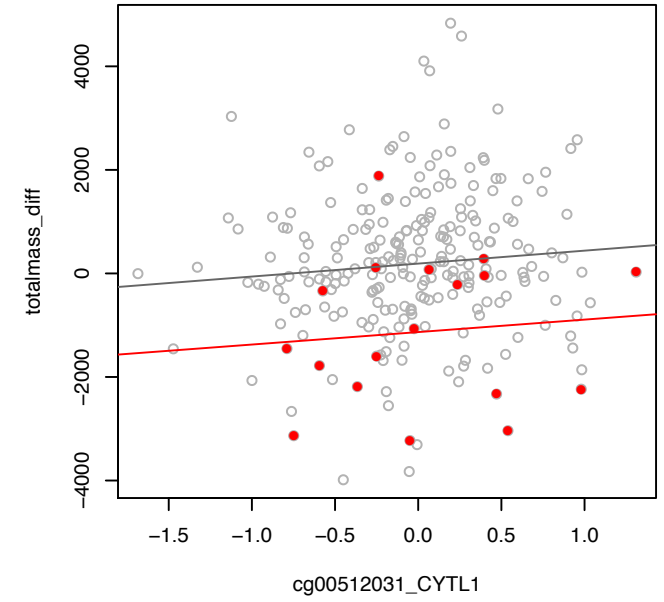
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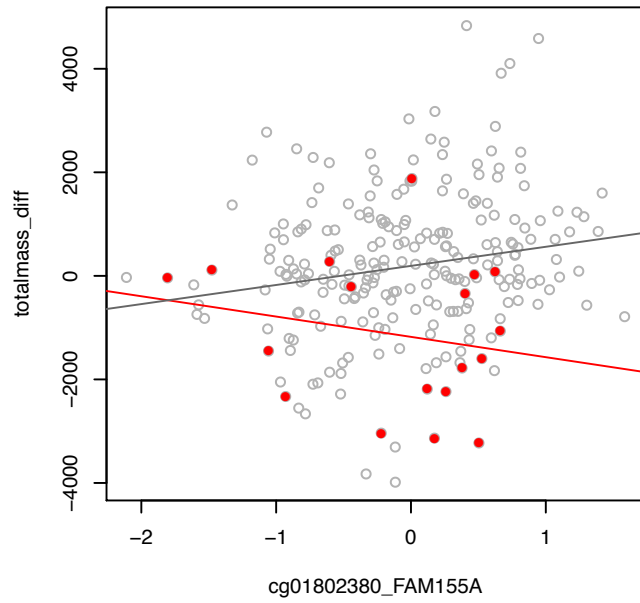
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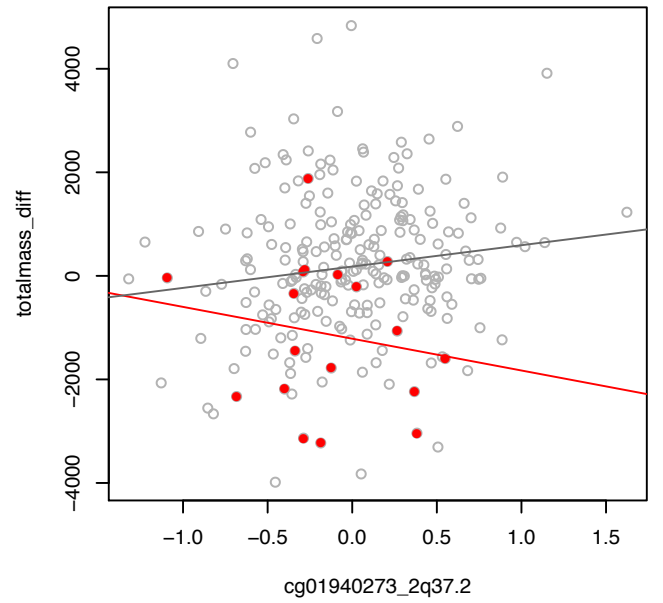
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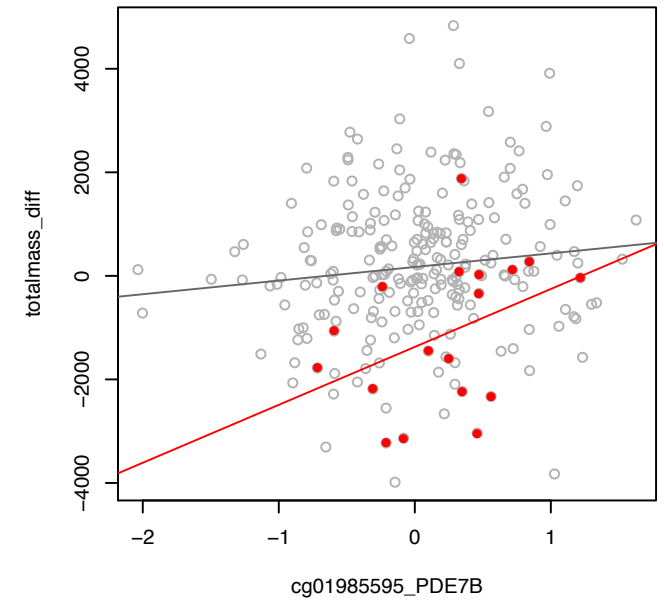
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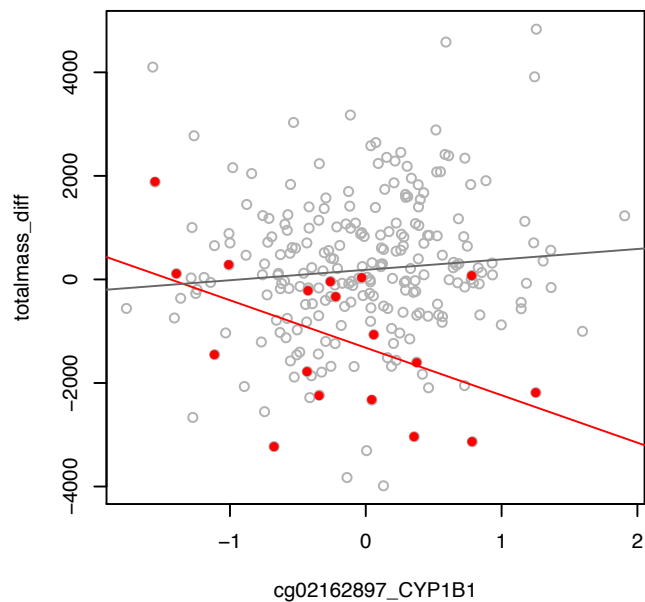
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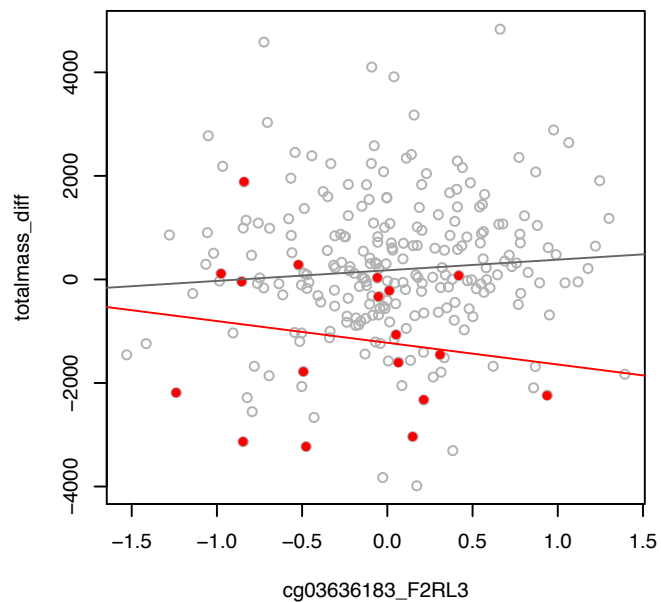
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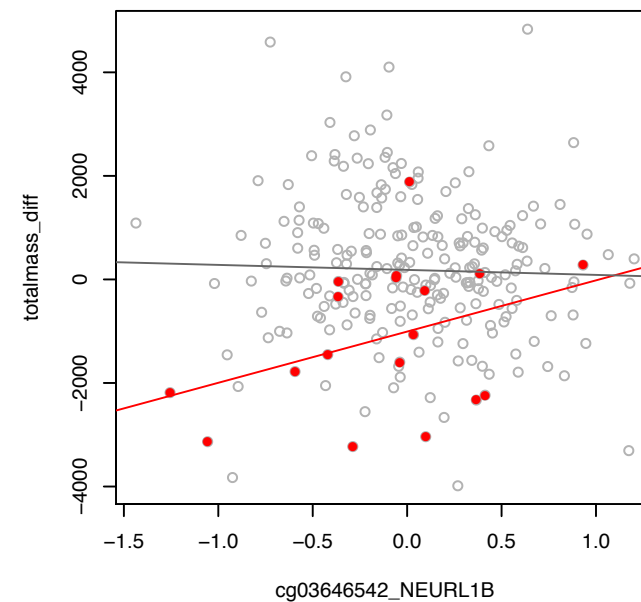
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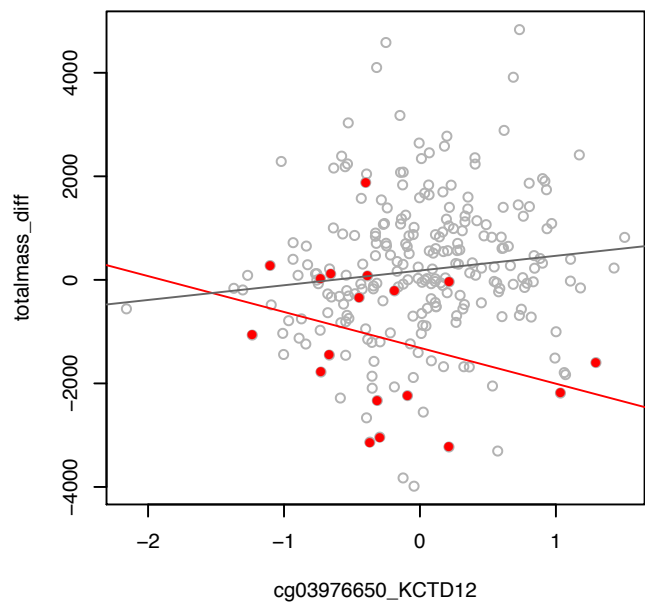
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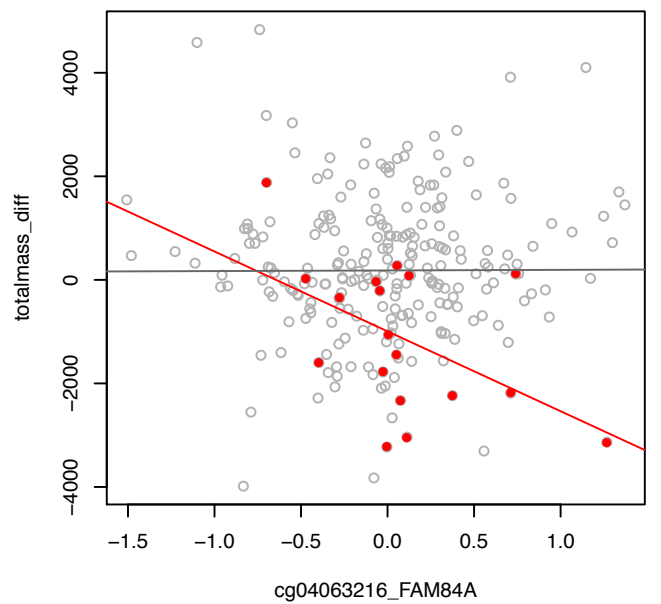
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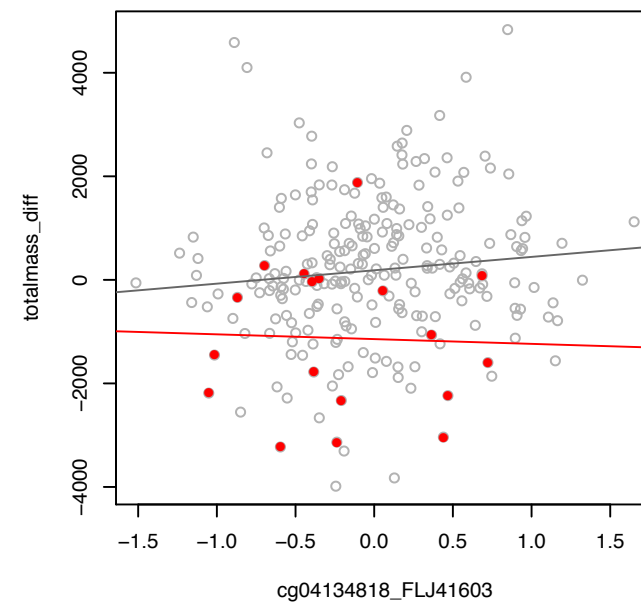
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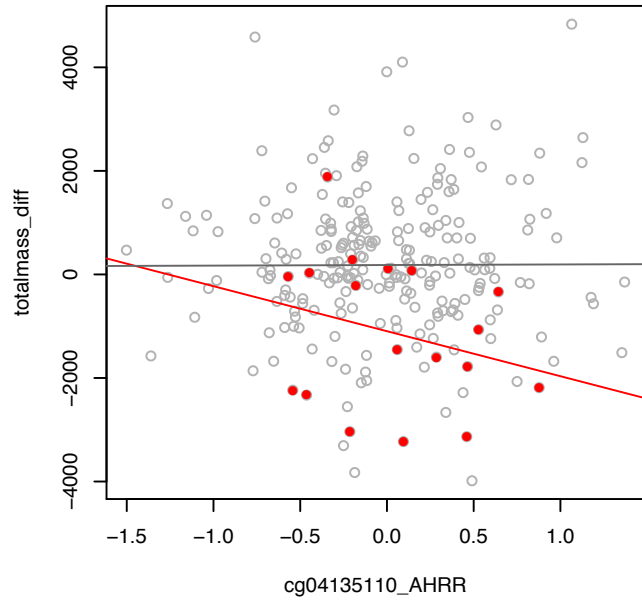
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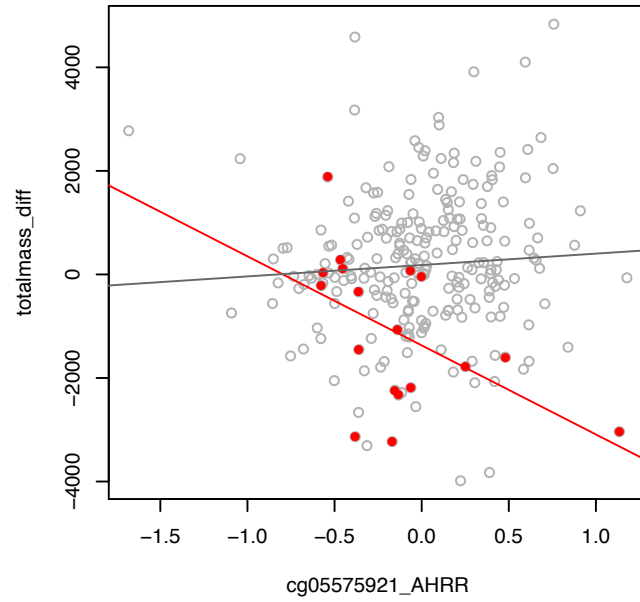
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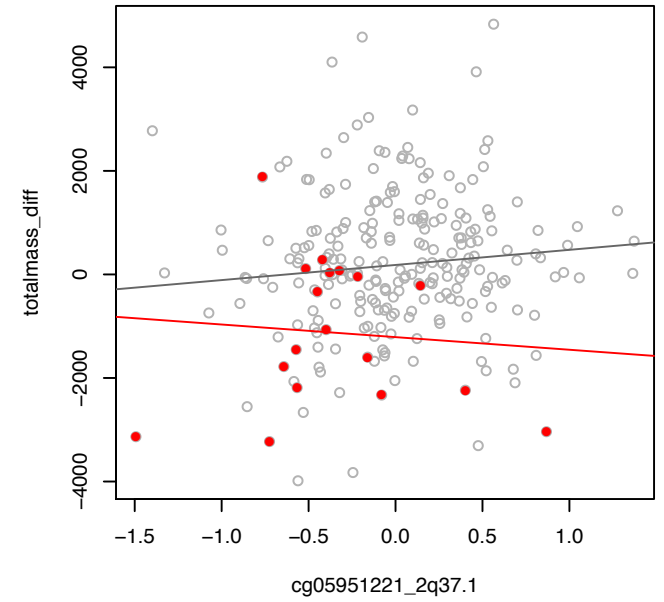
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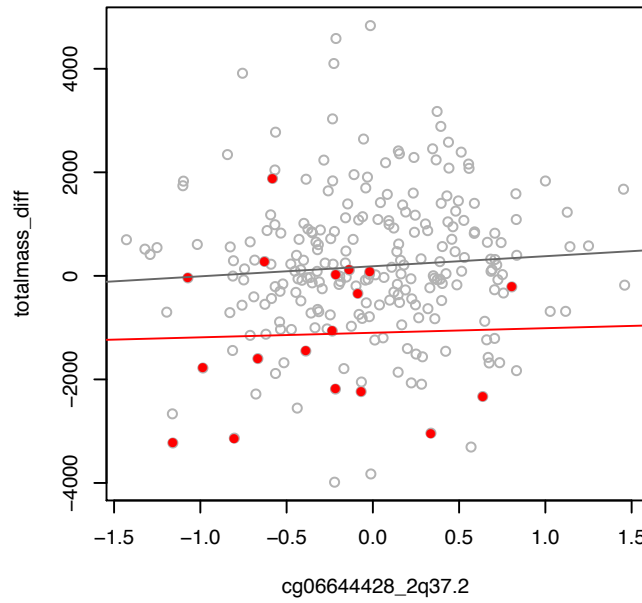
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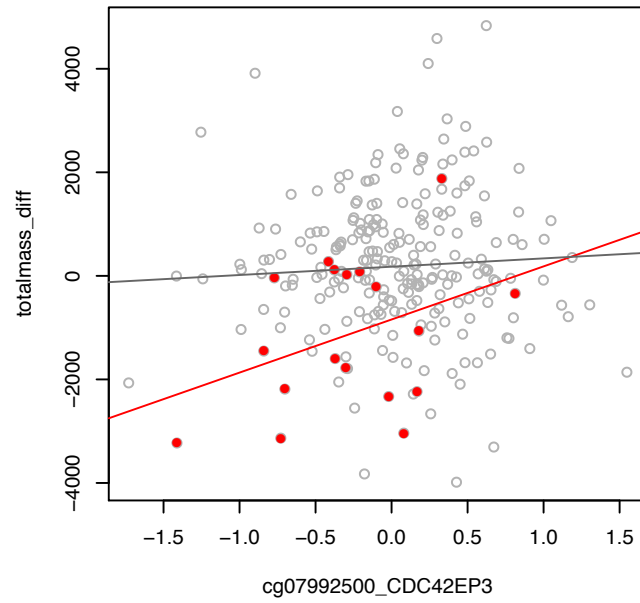
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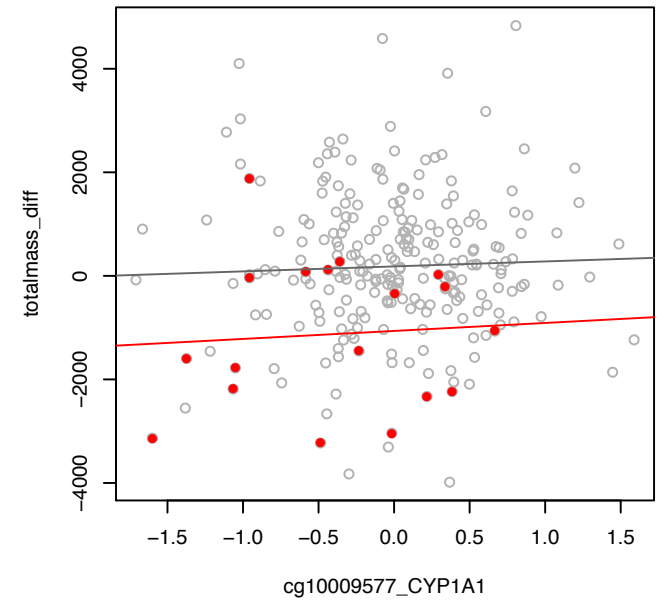
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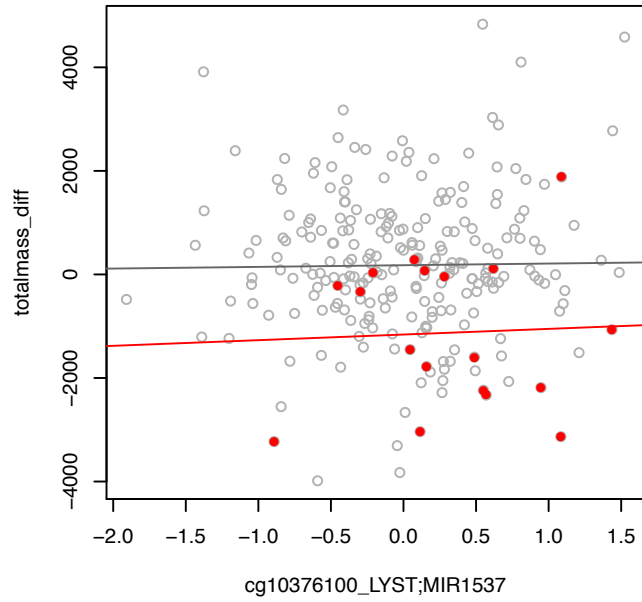
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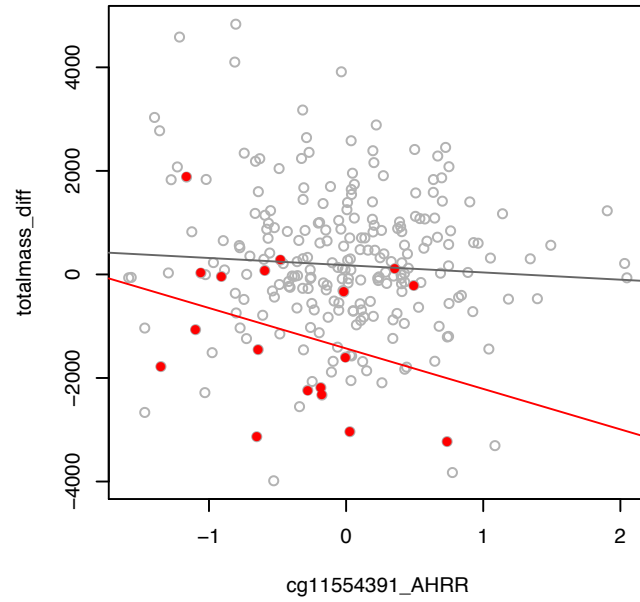
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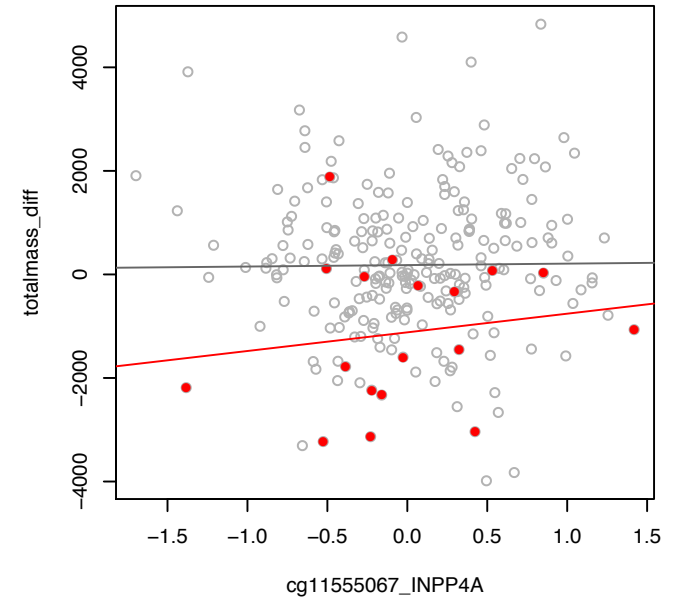
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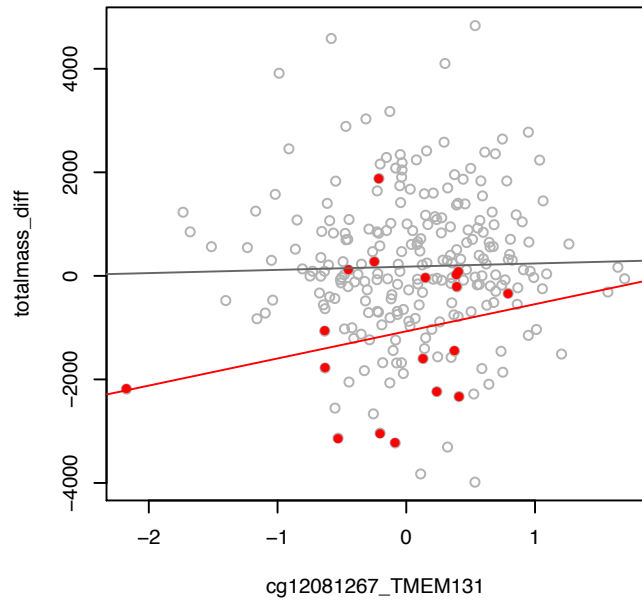
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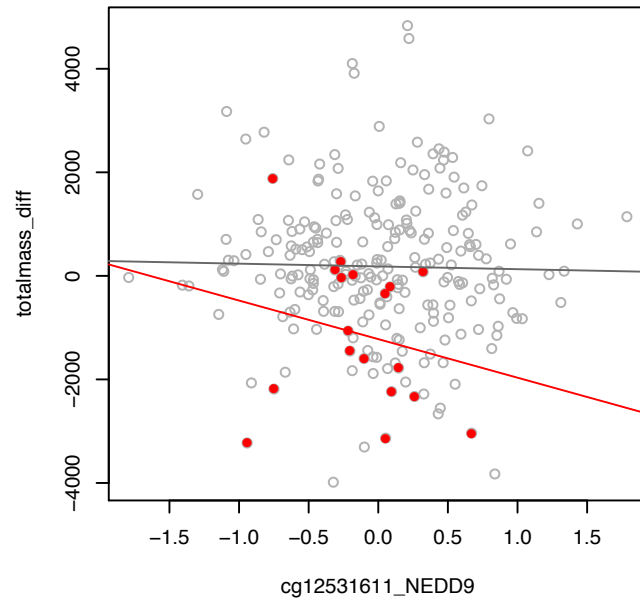
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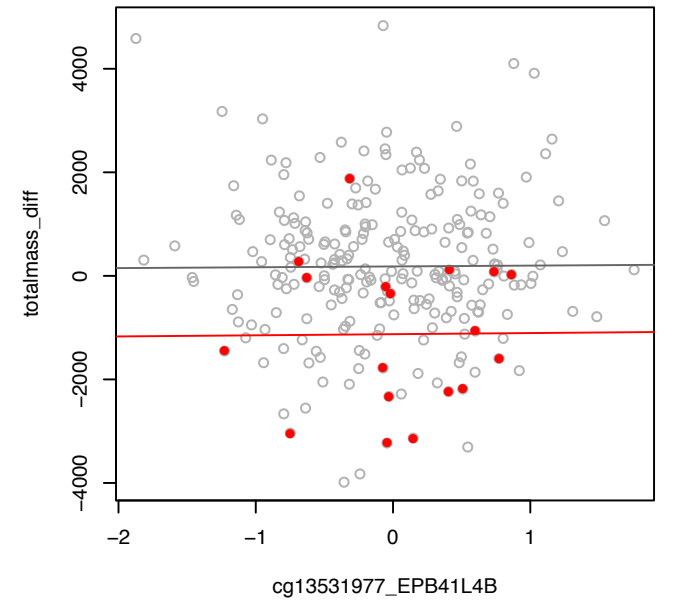
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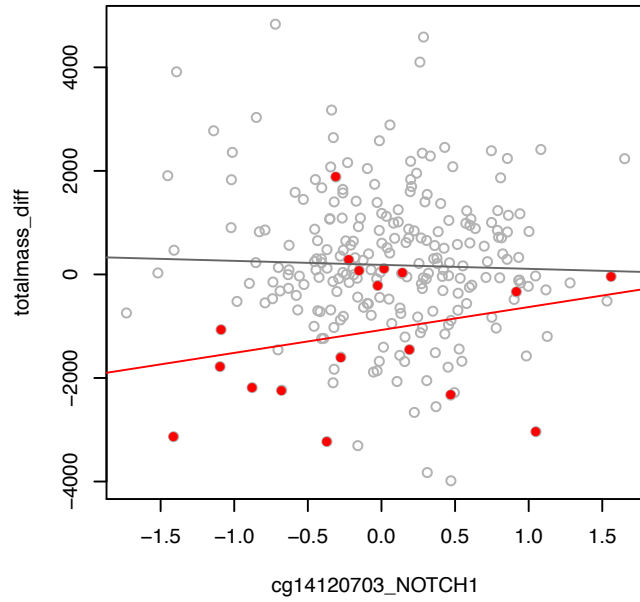
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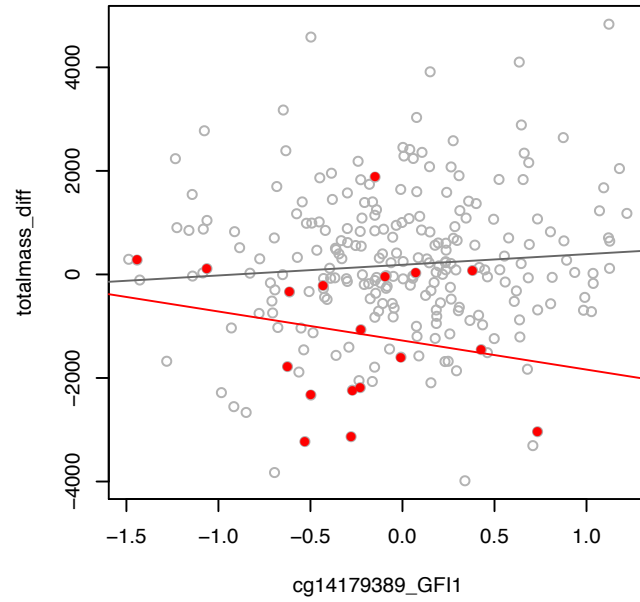
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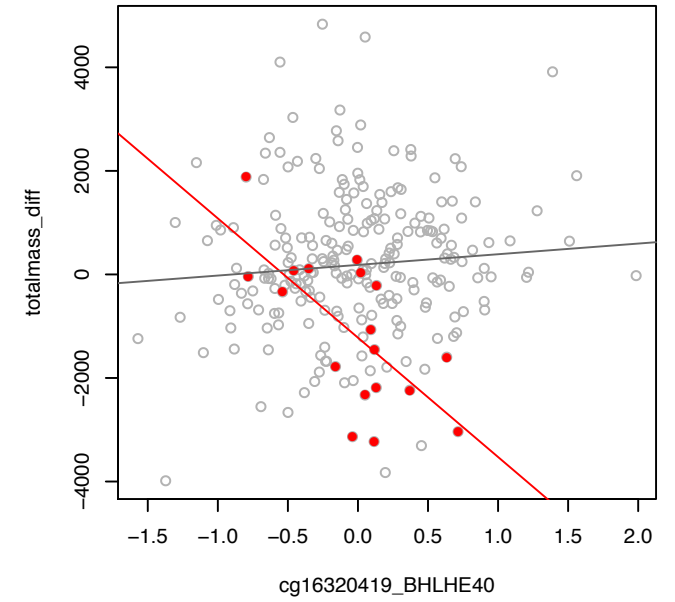
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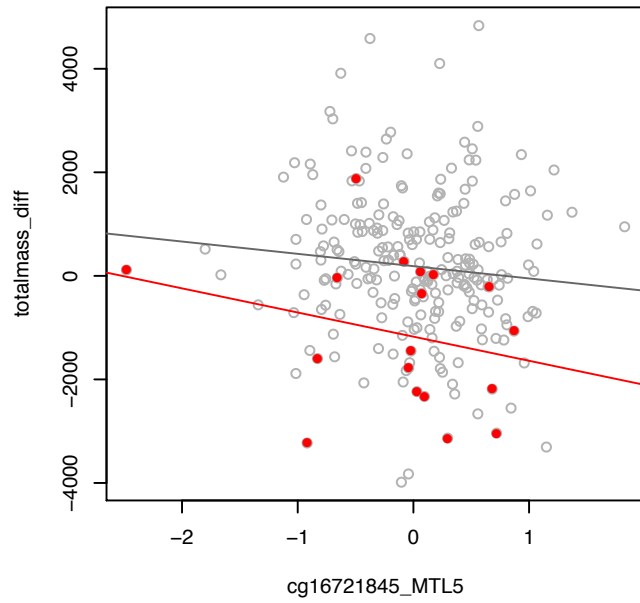
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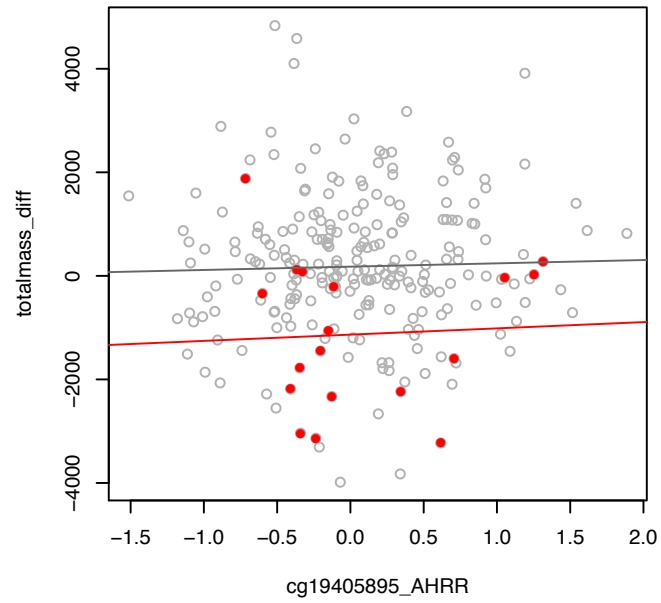
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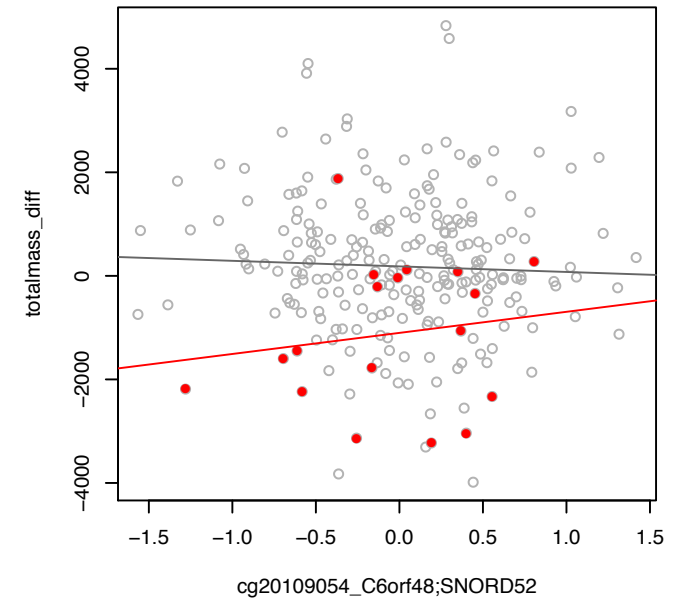
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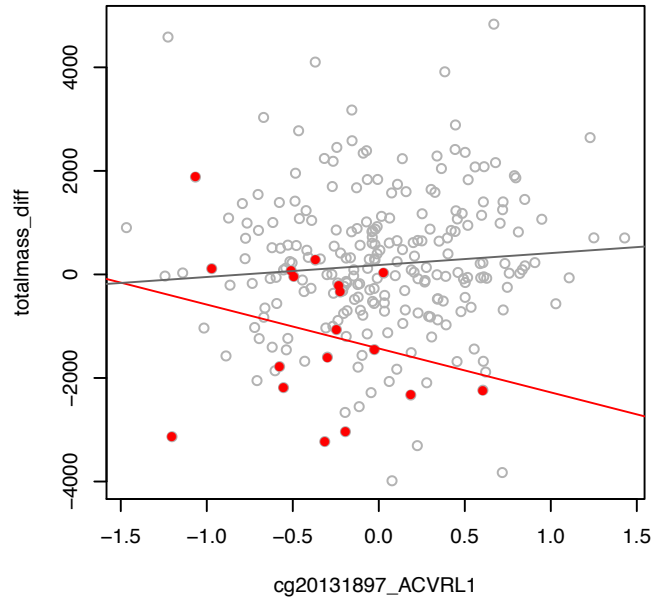
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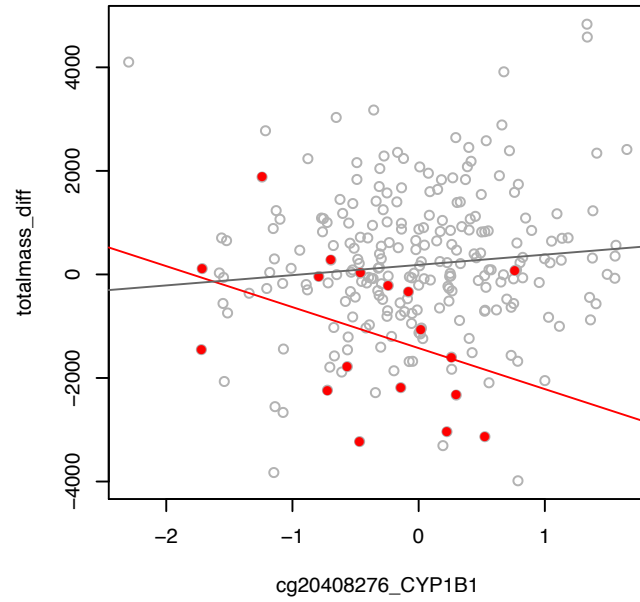
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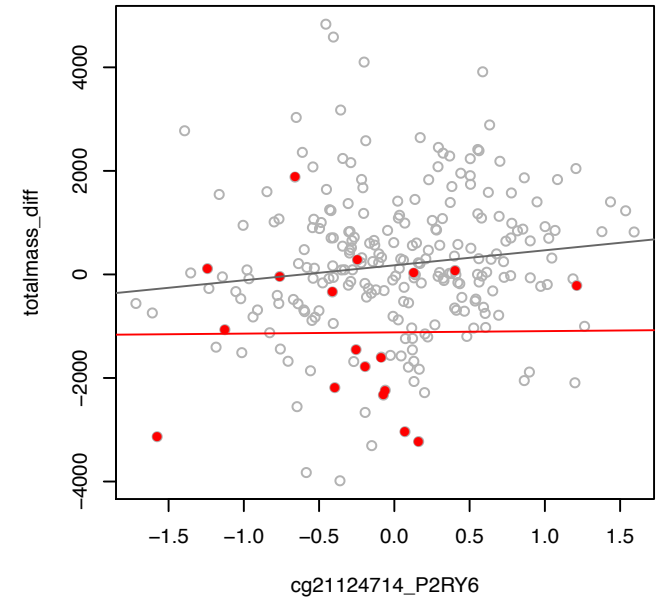
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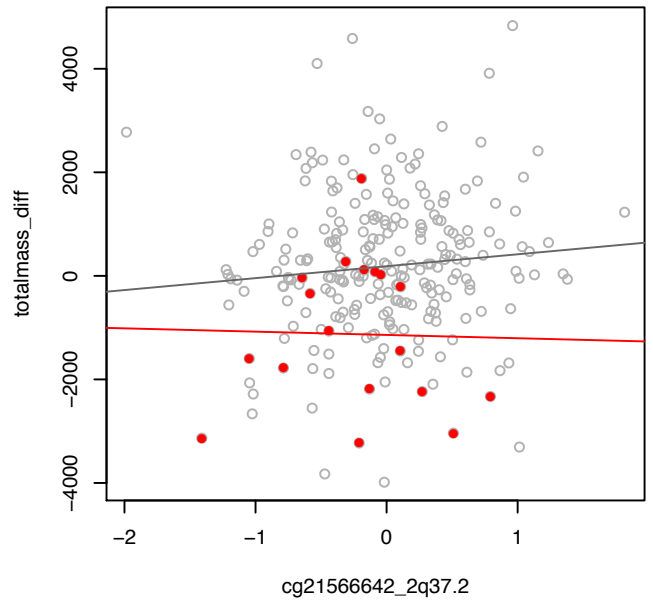
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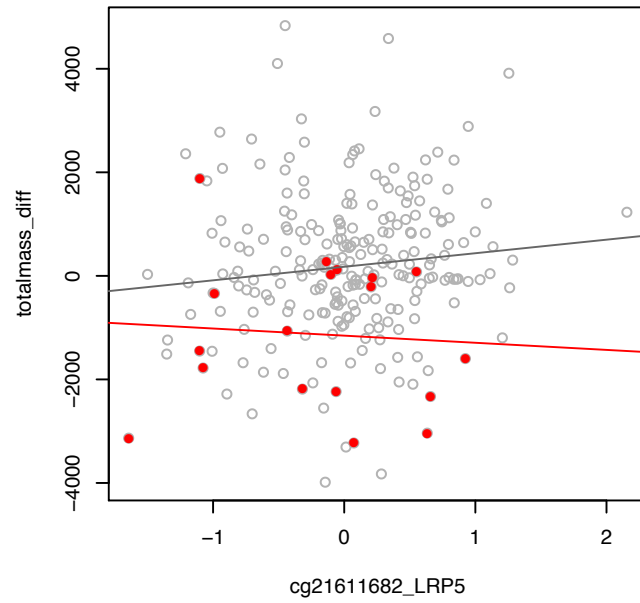
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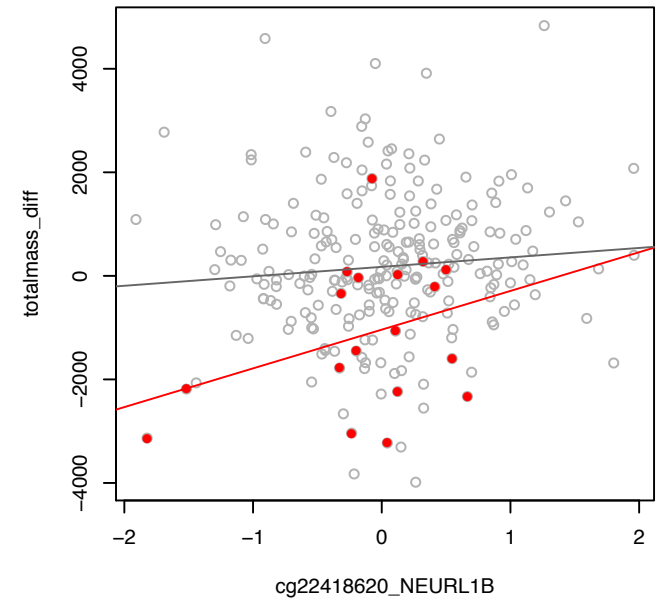
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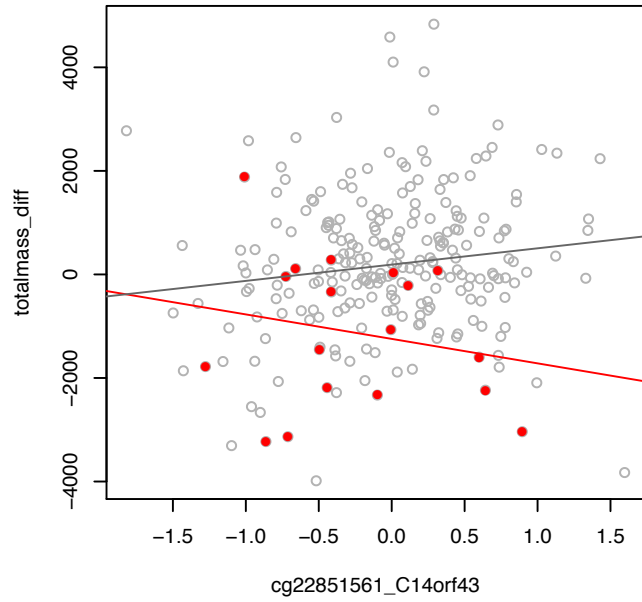
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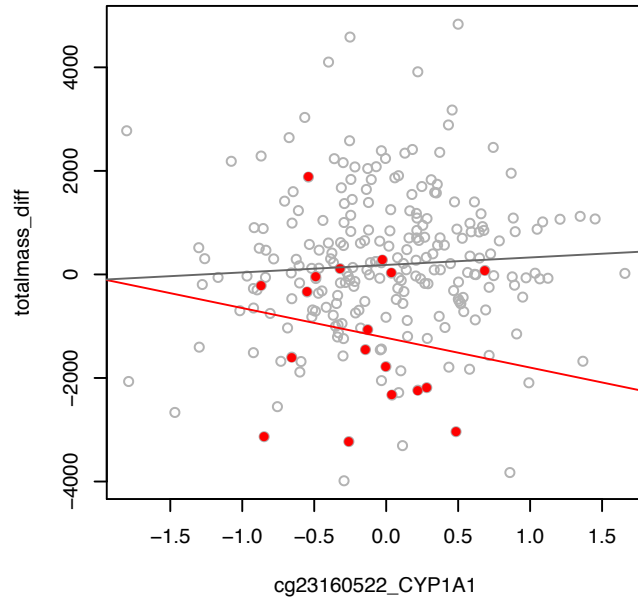
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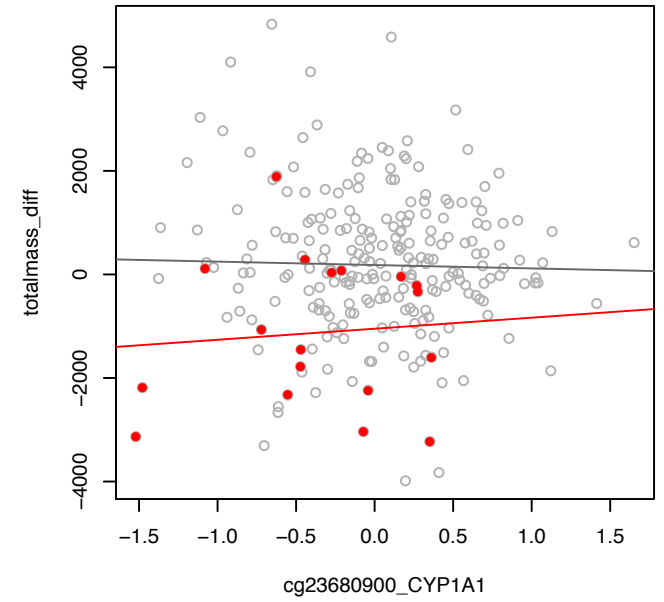
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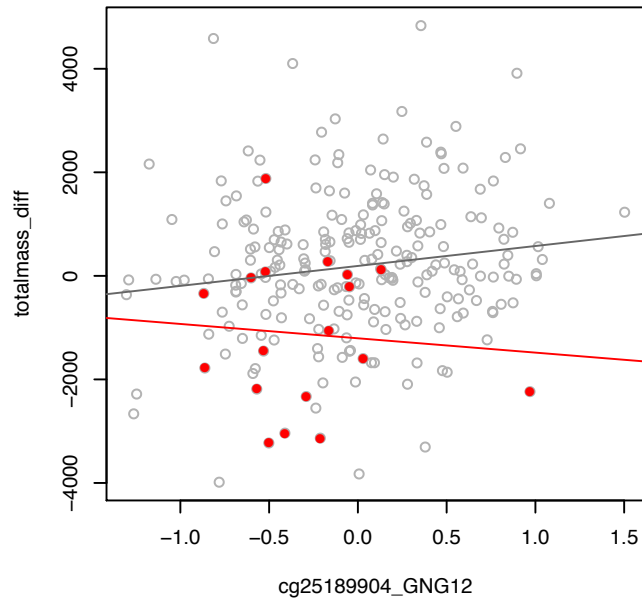
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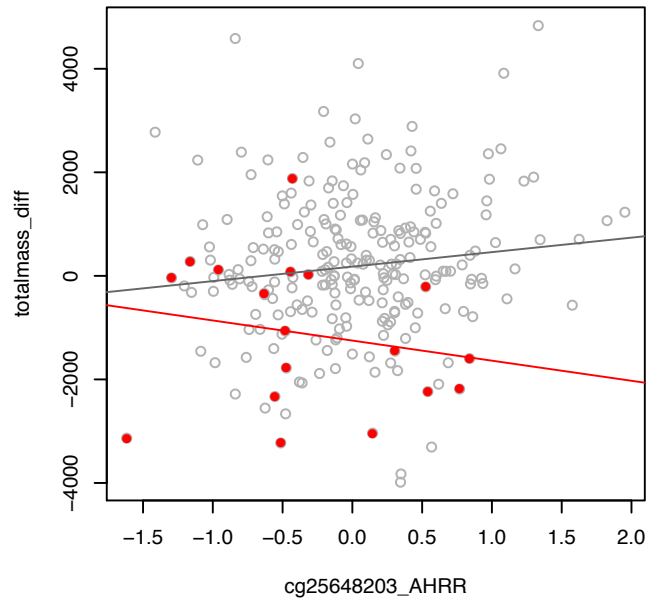
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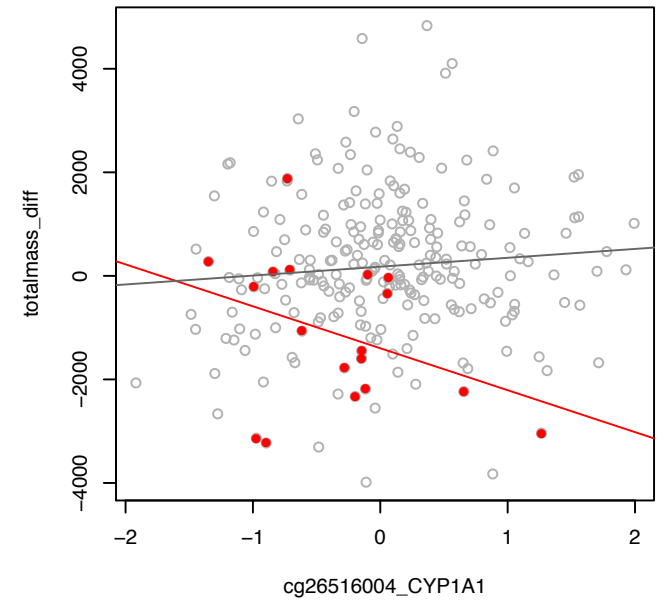
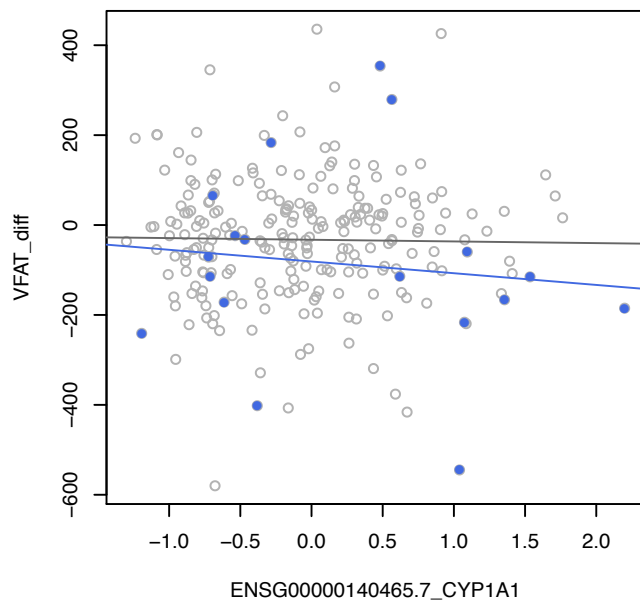
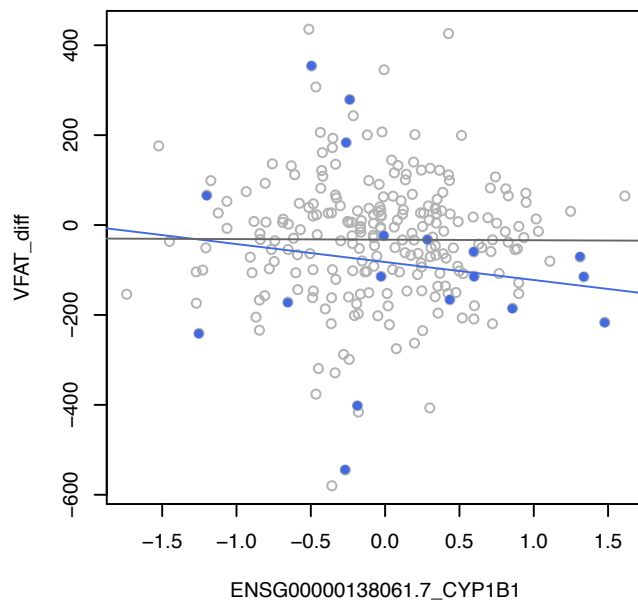


Figure S5

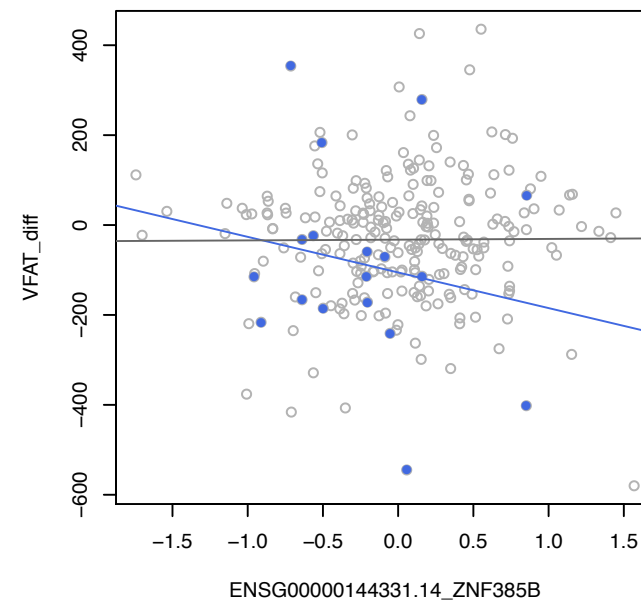
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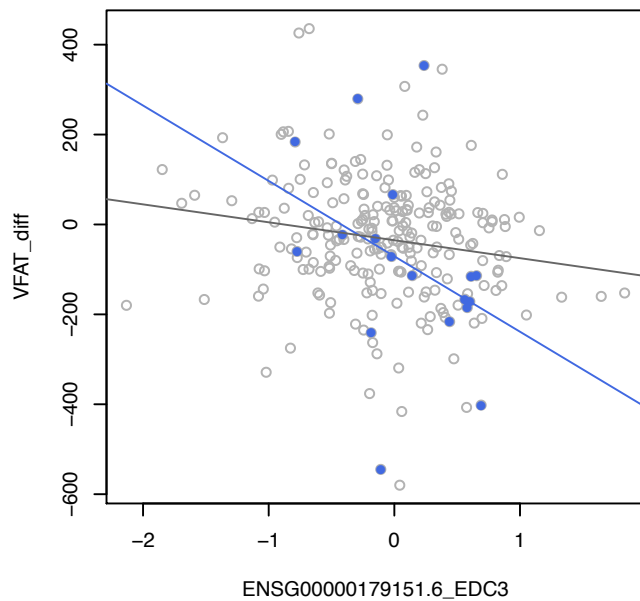
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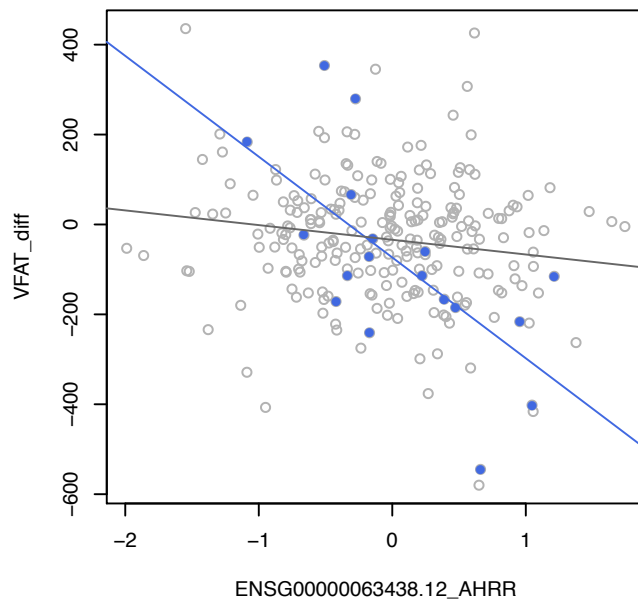
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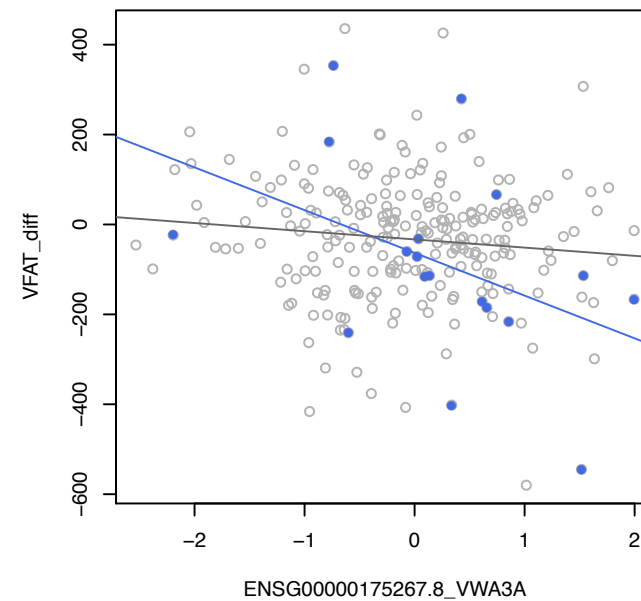
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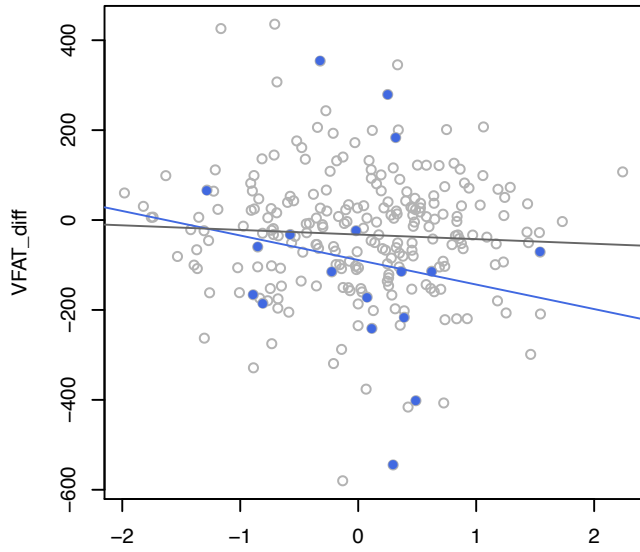
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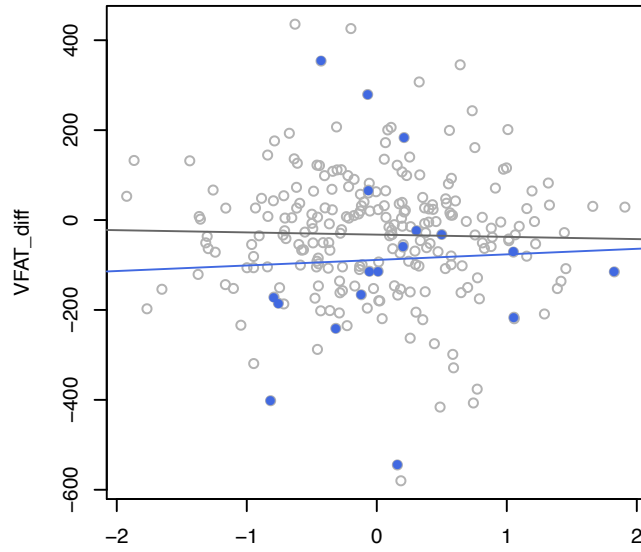


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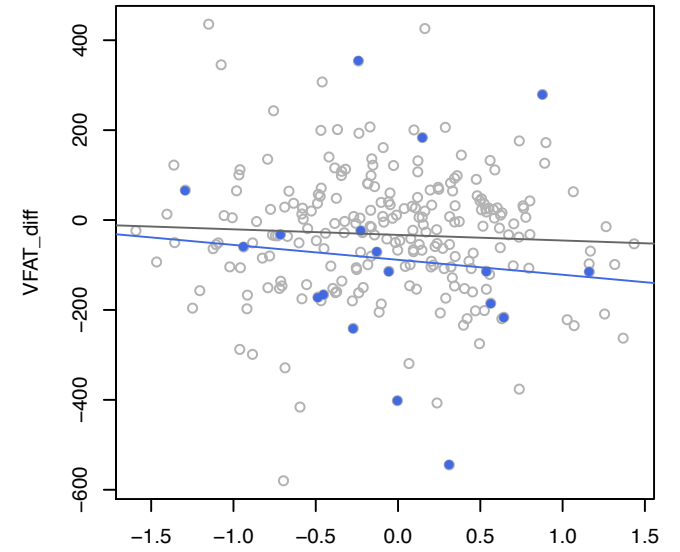
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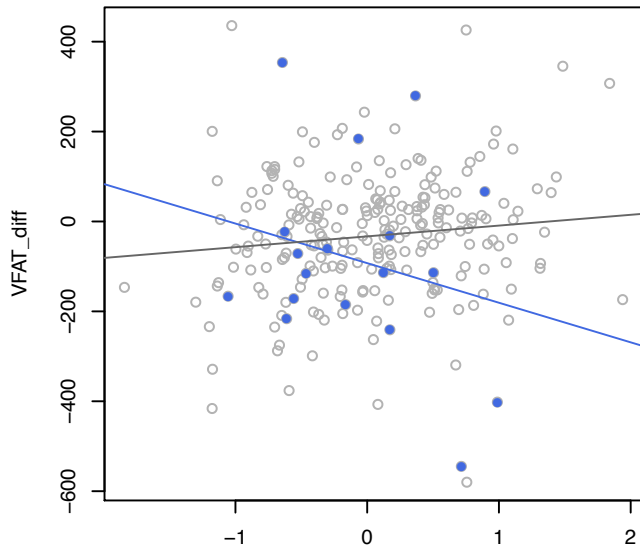
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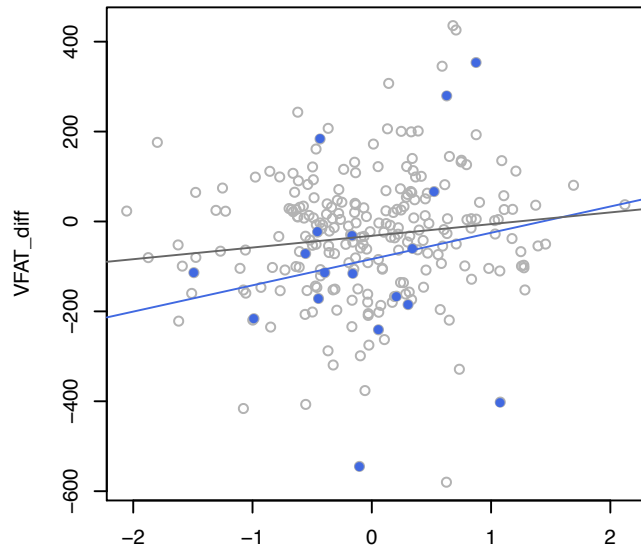
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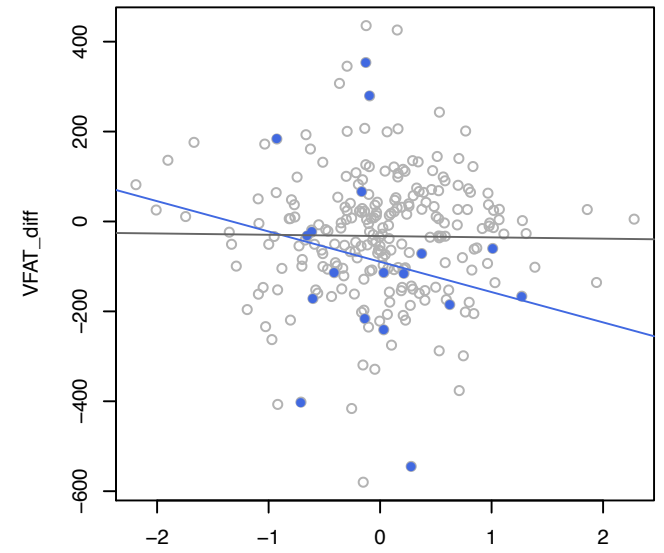
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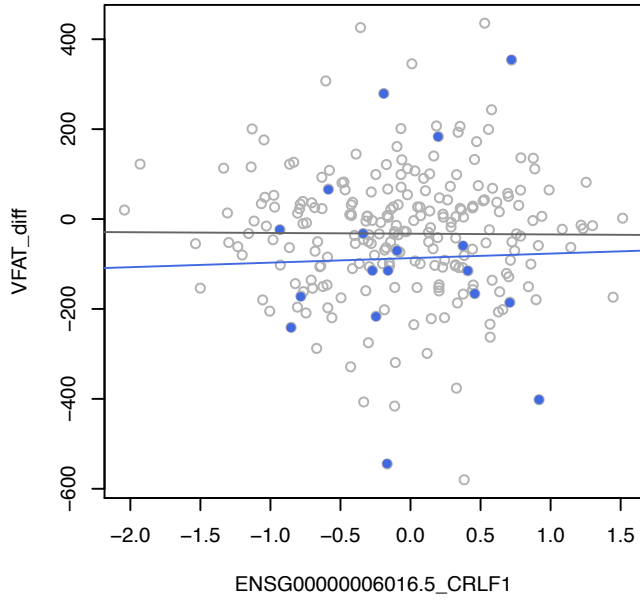
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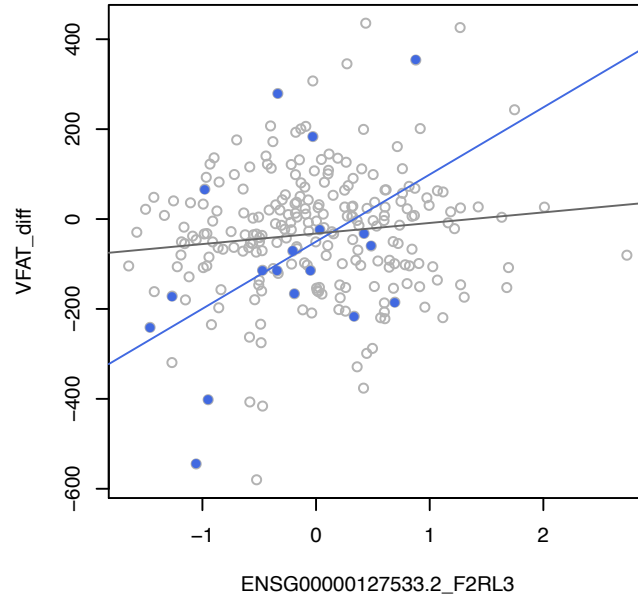


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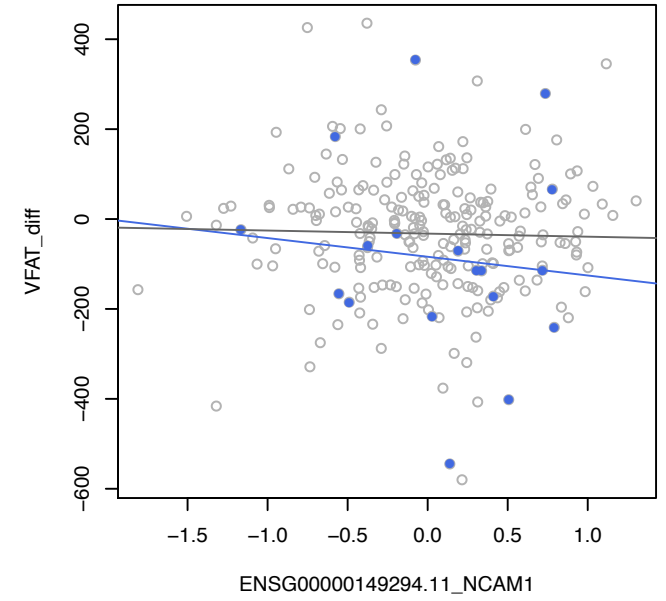
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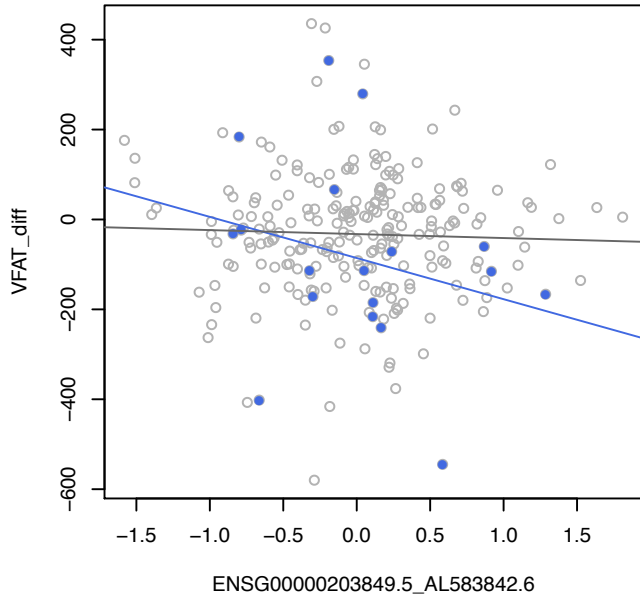
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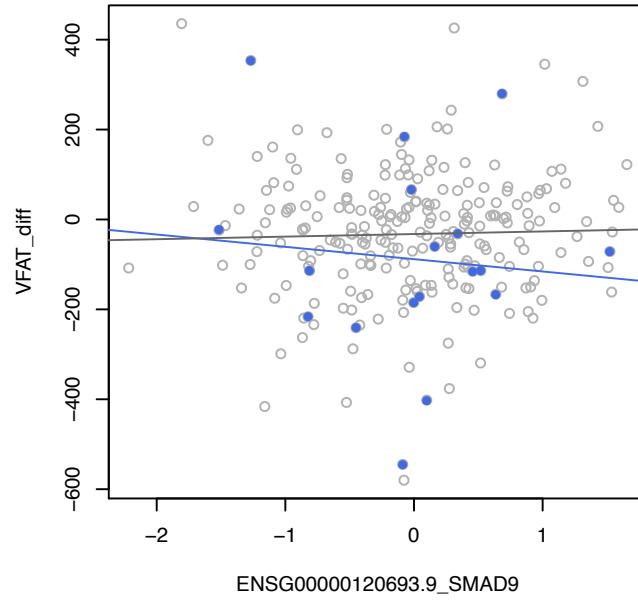
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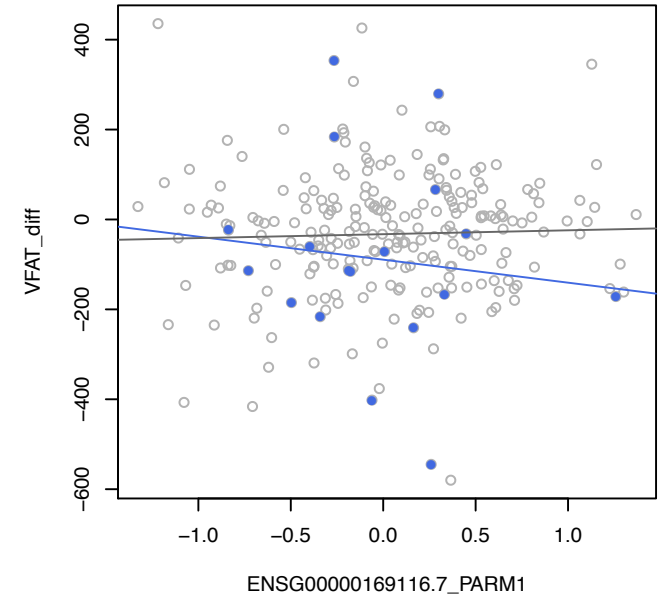
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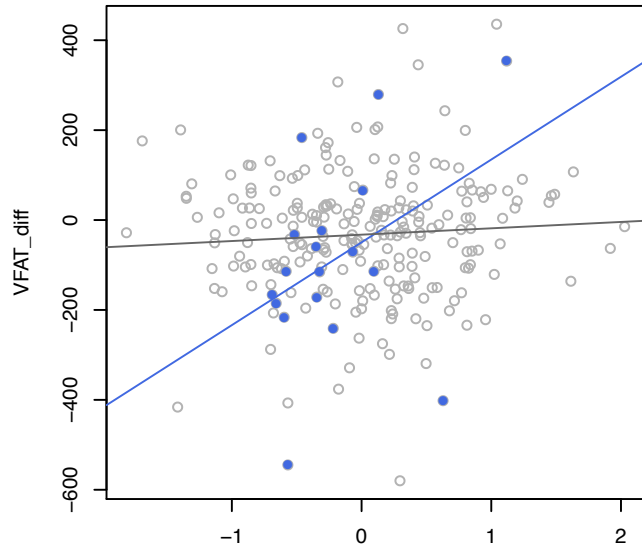
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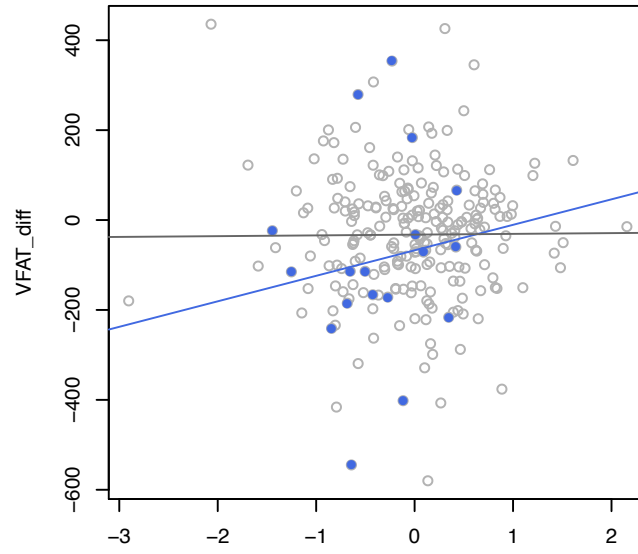


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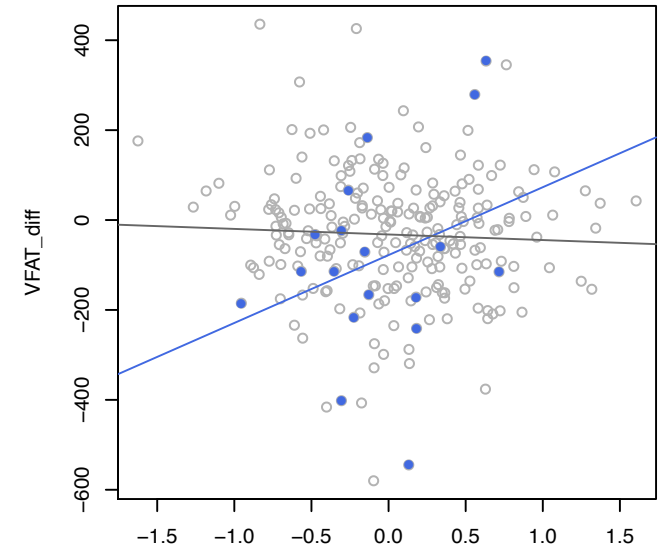
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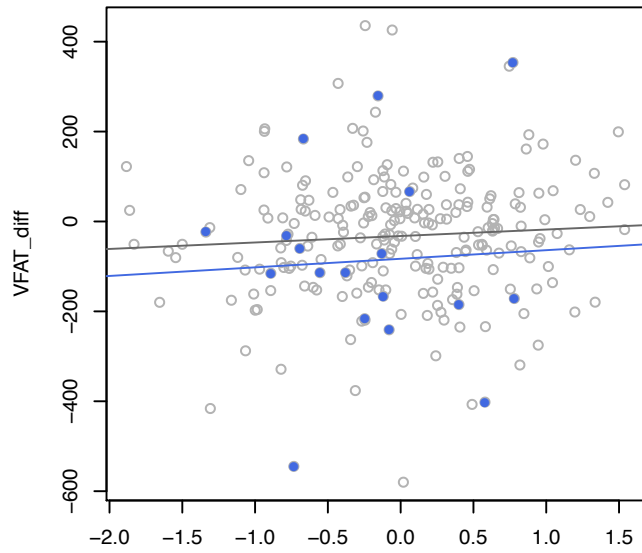
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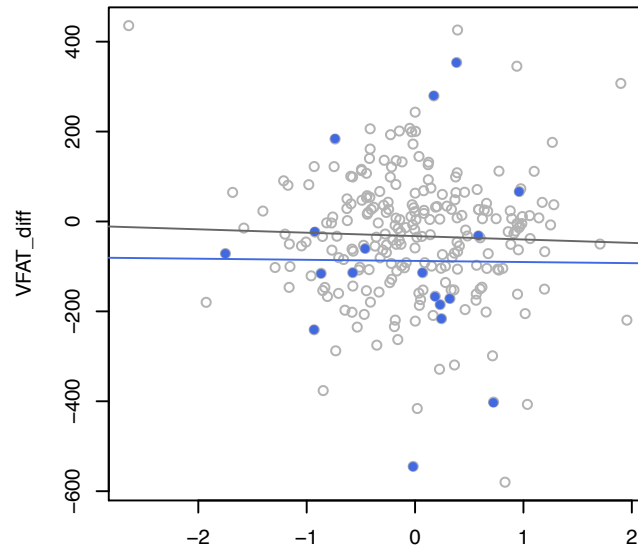
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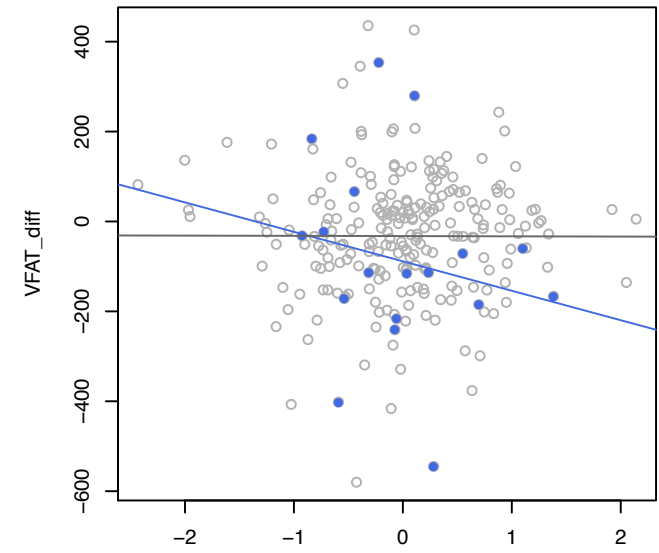
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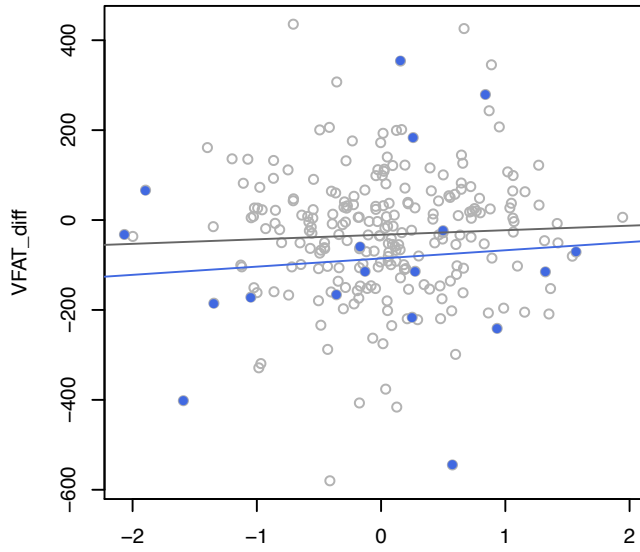
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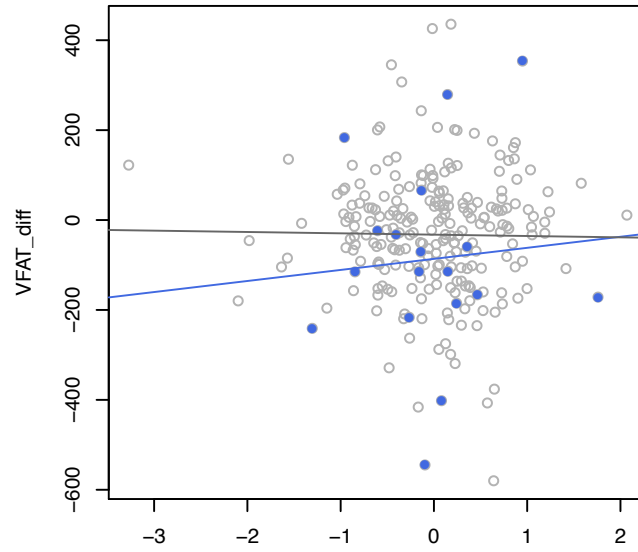
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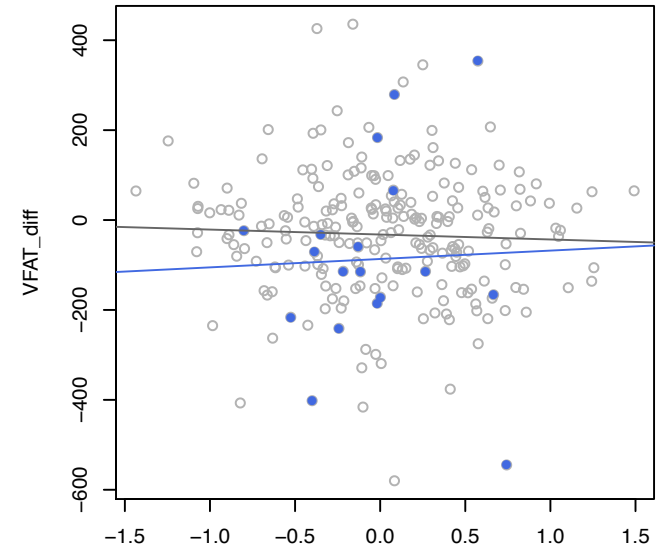
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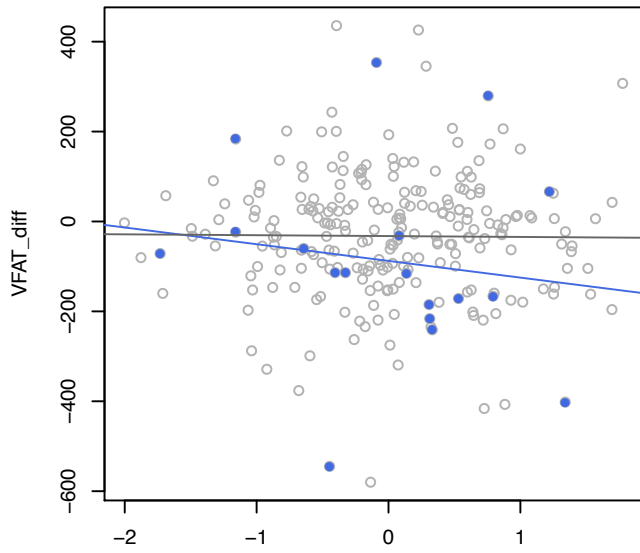
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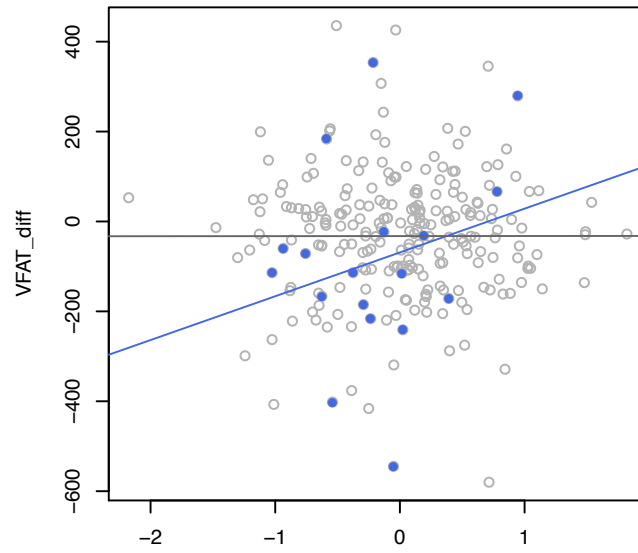
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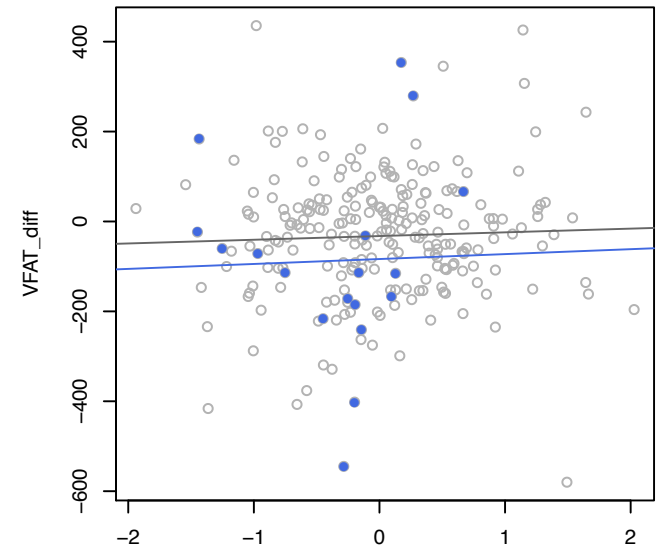
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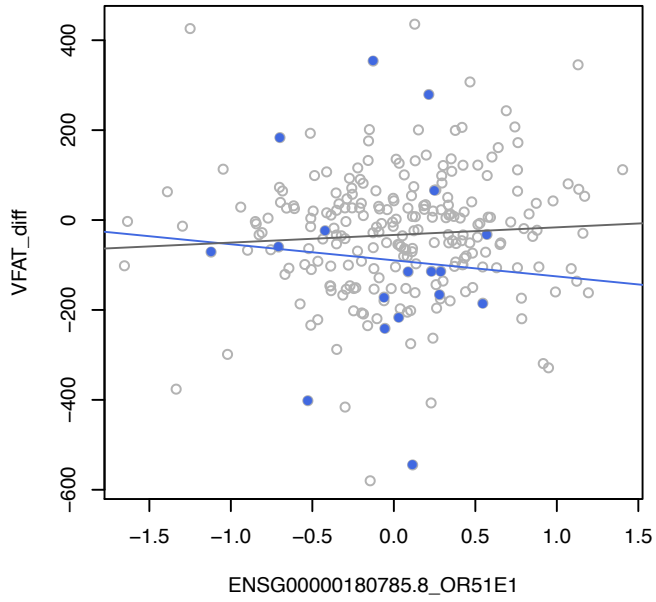
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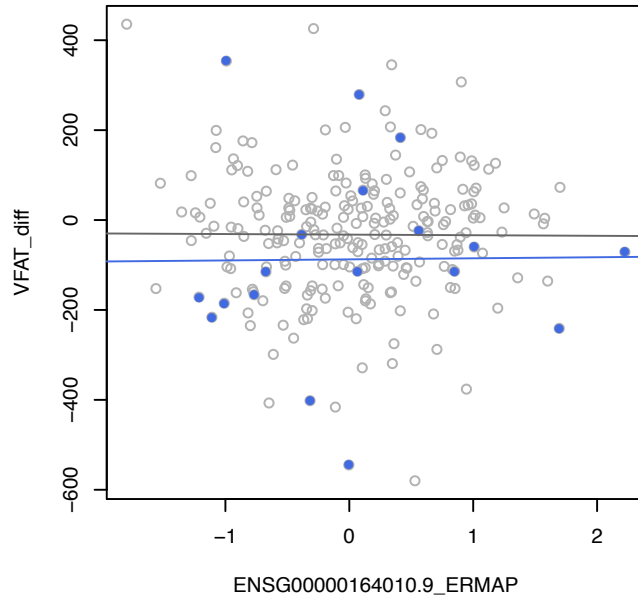


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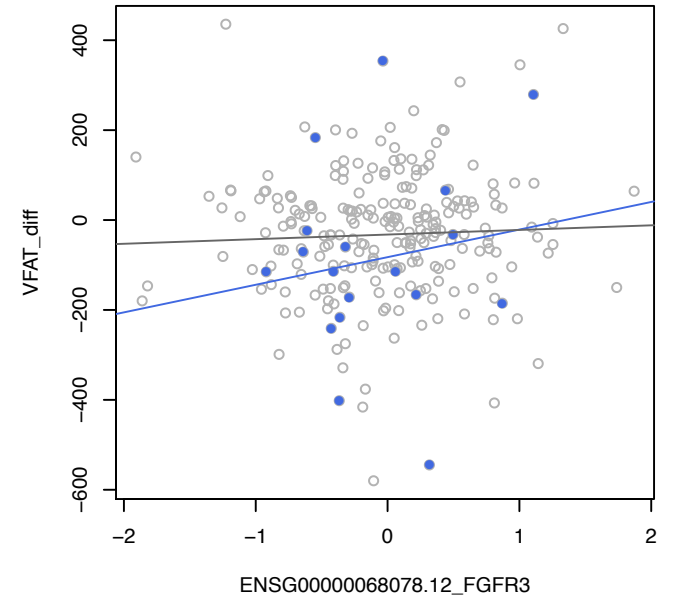
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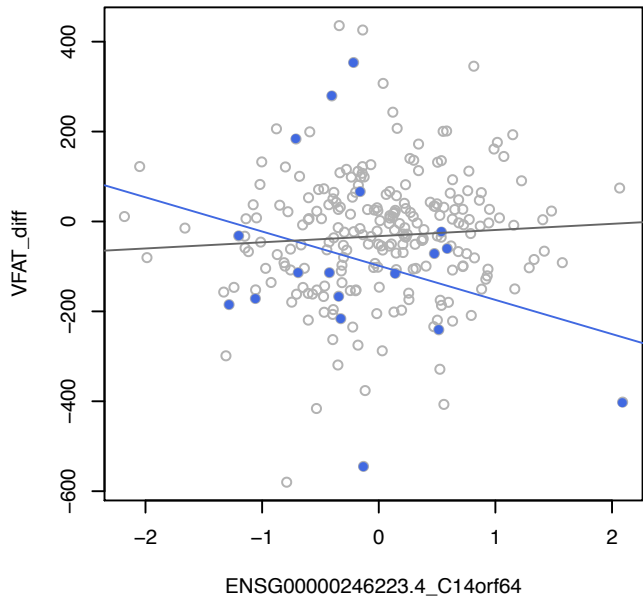
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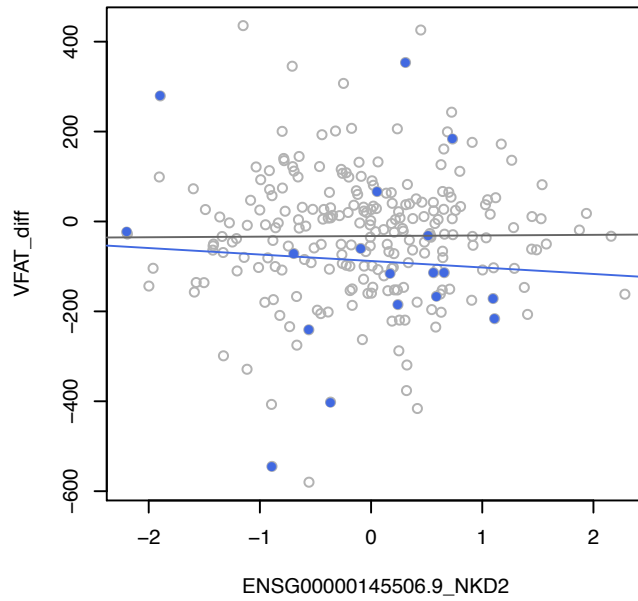
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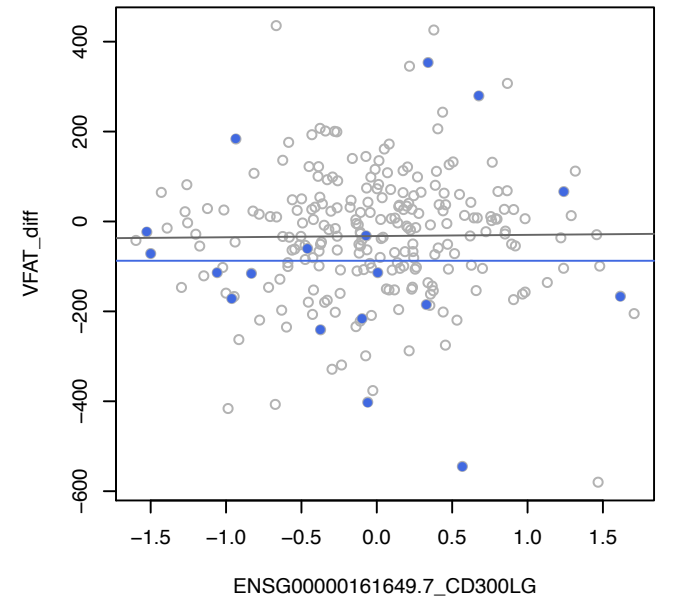
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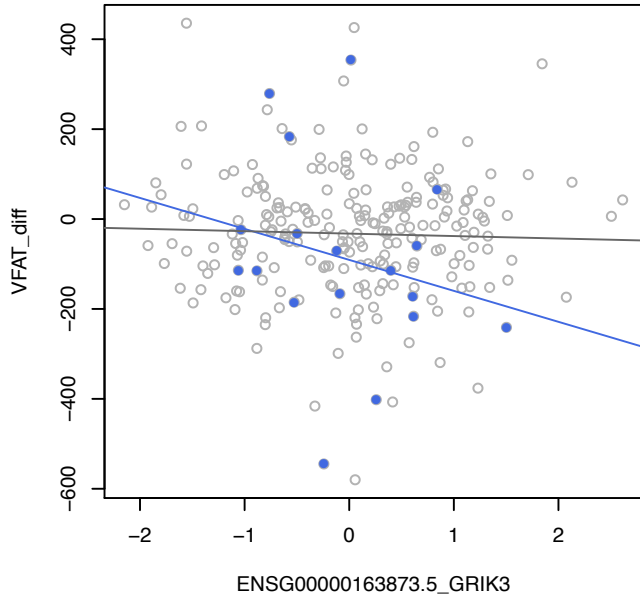
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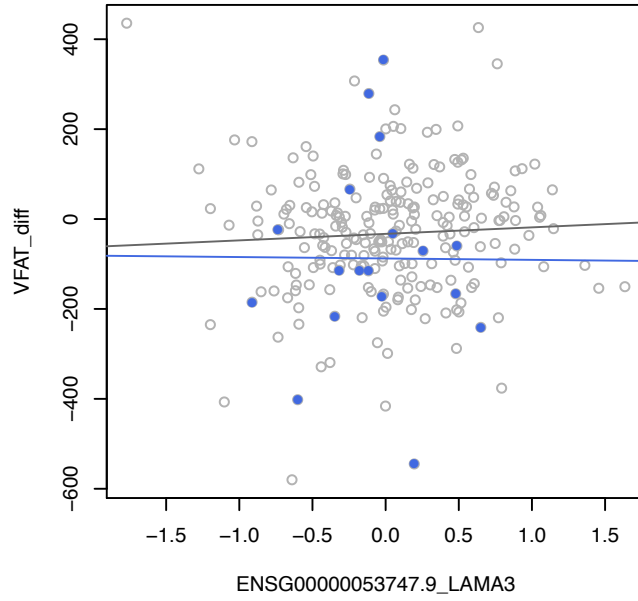
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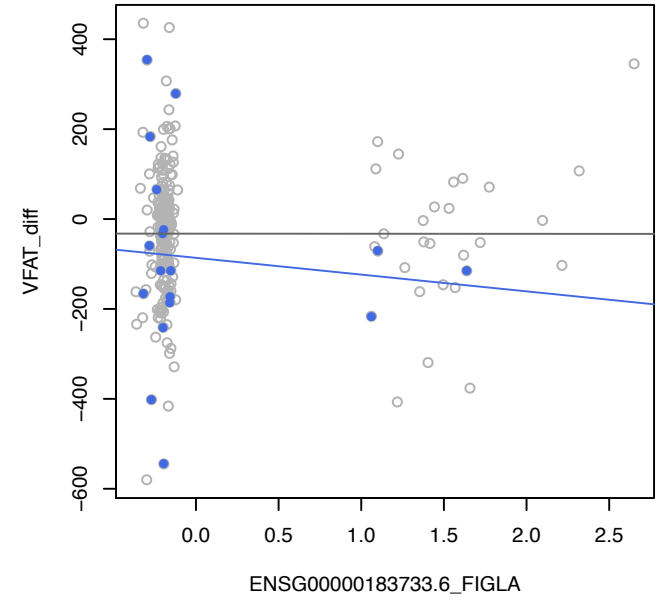
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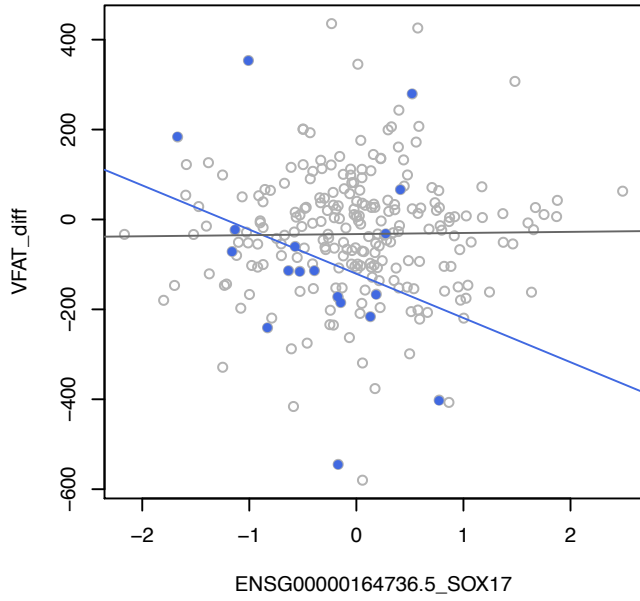
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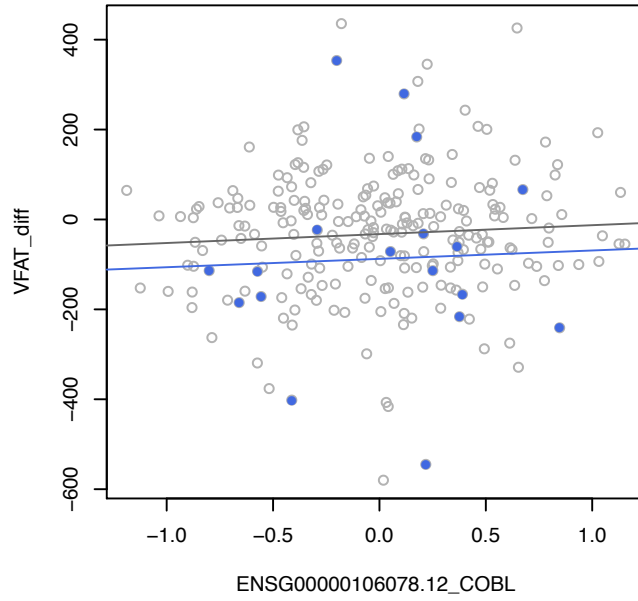
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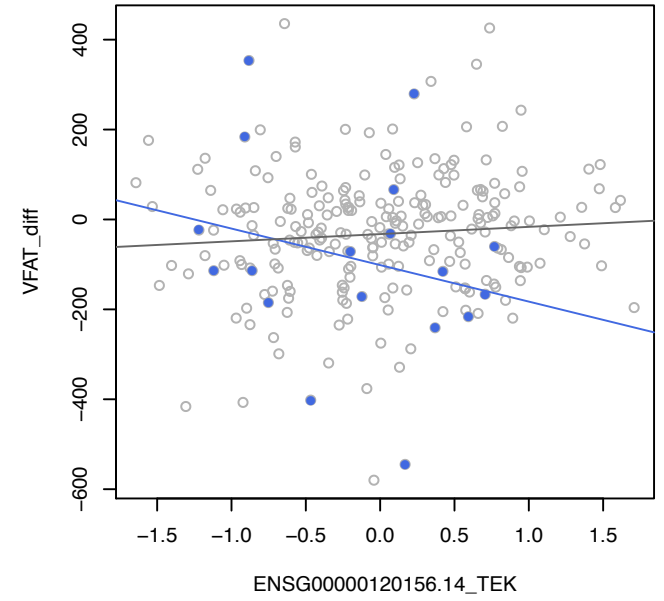
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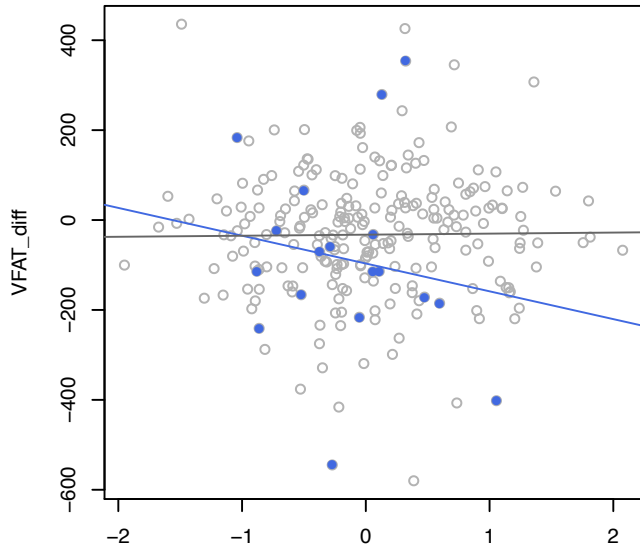
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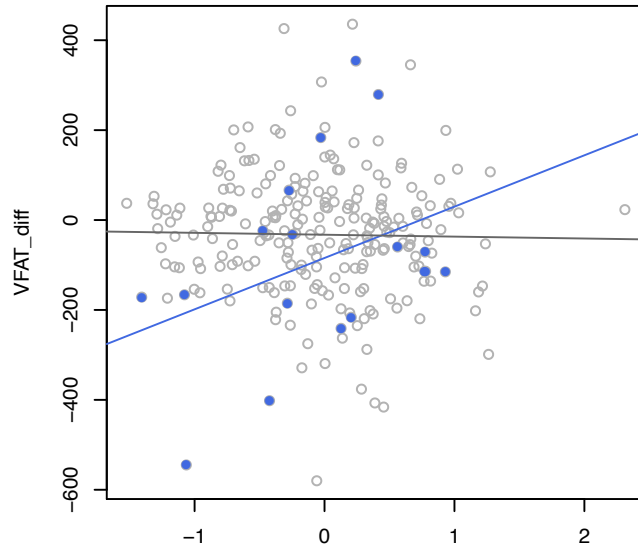


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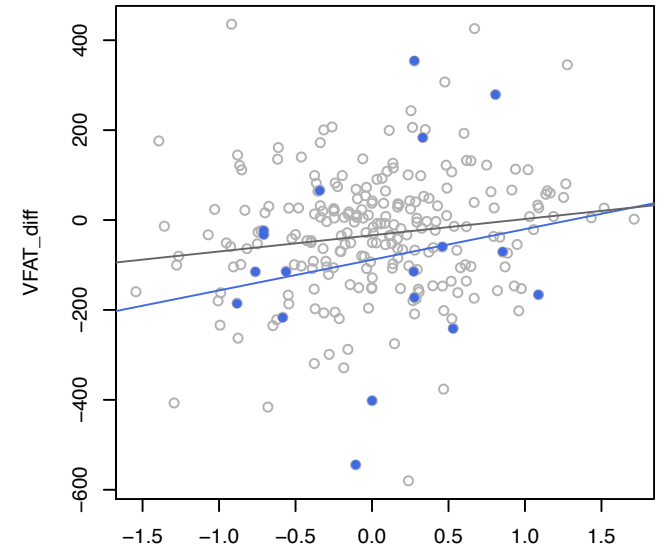
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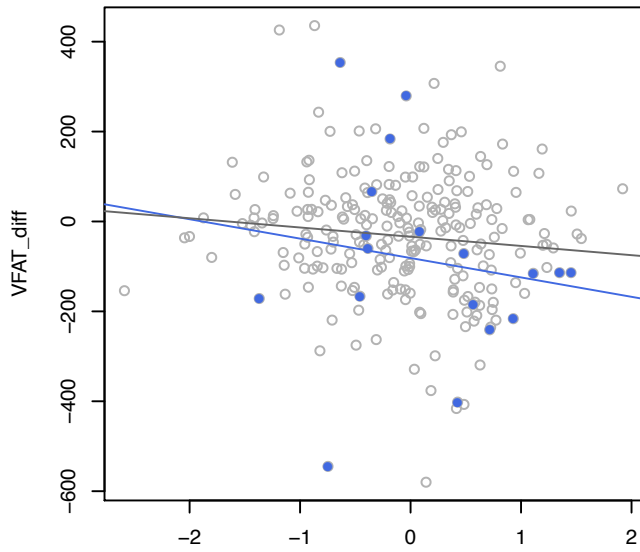
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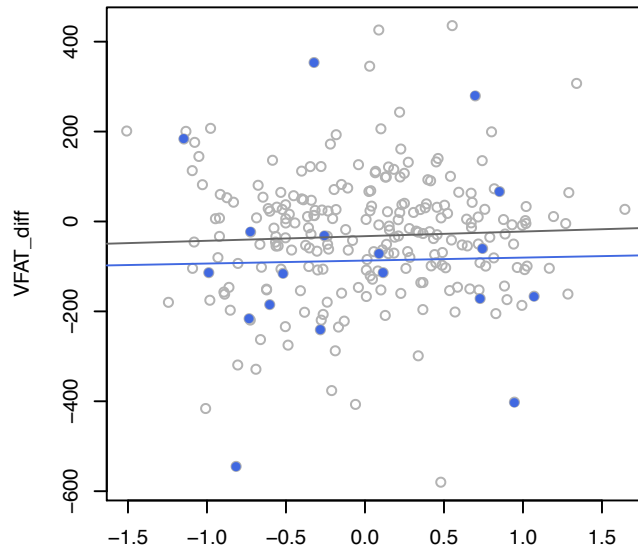
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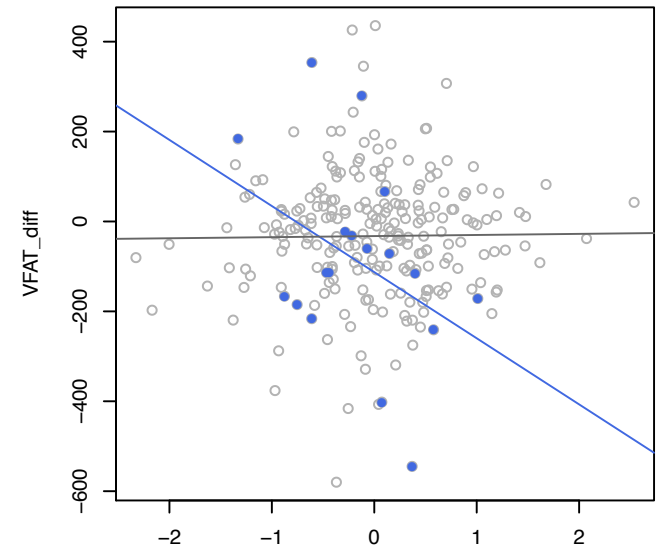
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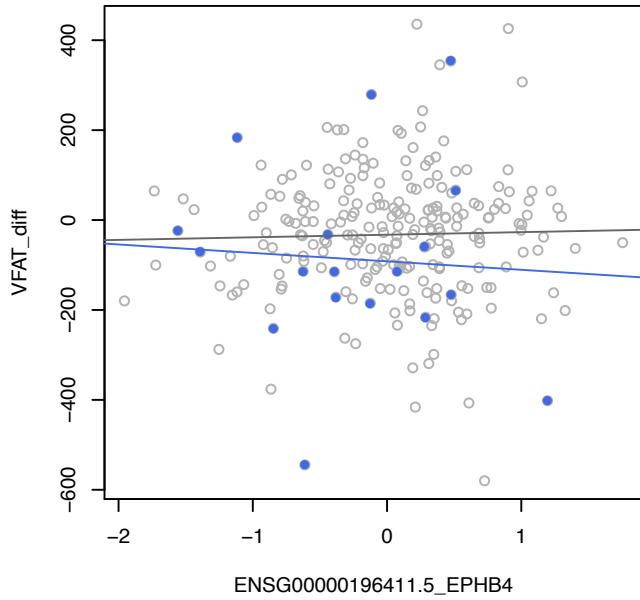
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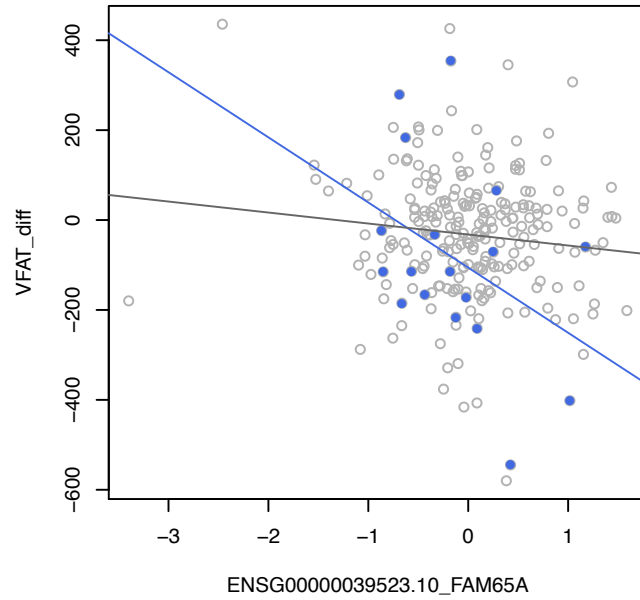


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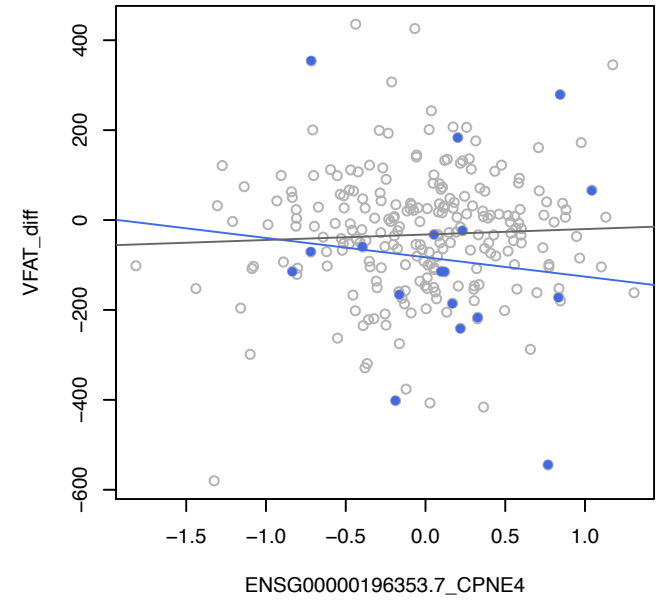
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