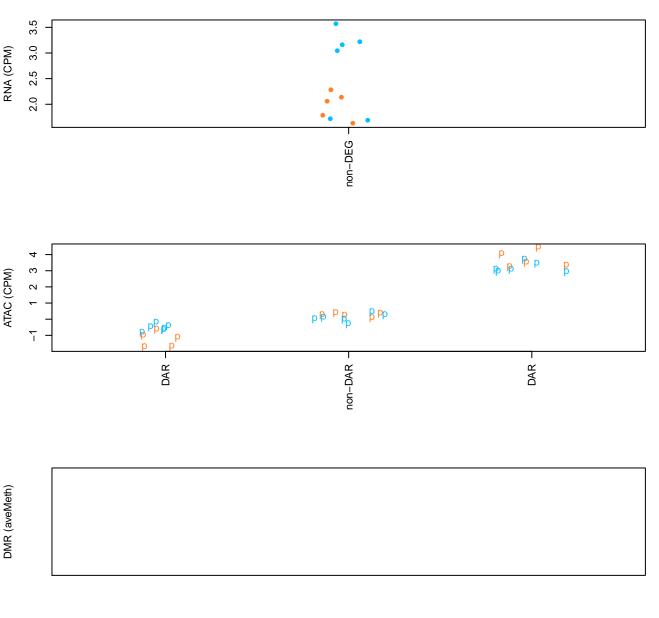
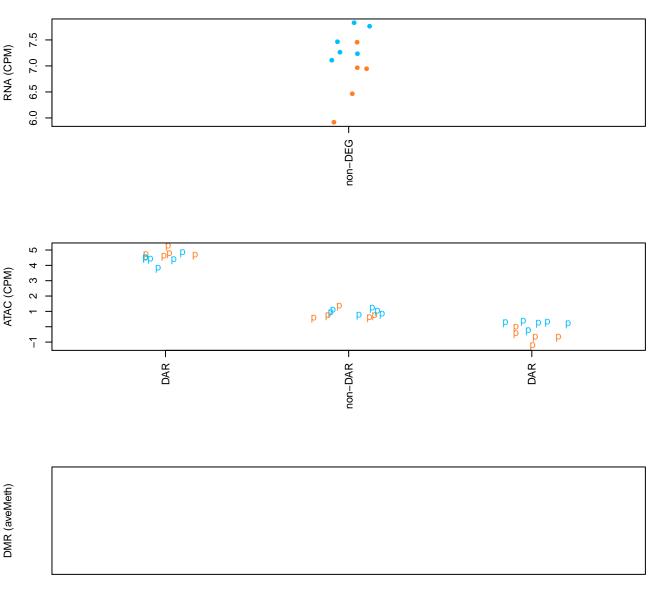
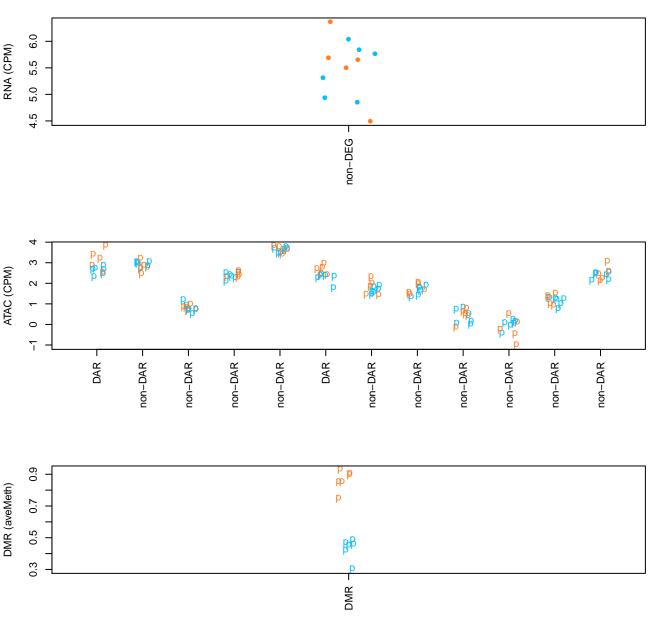
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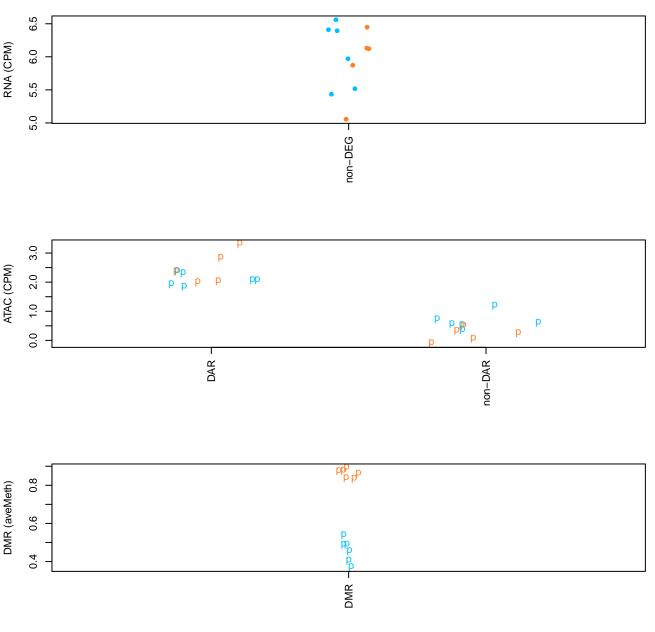
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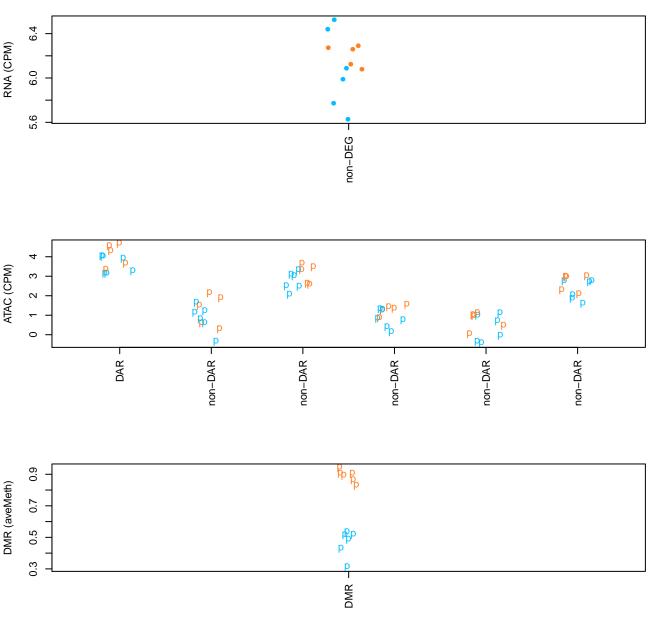
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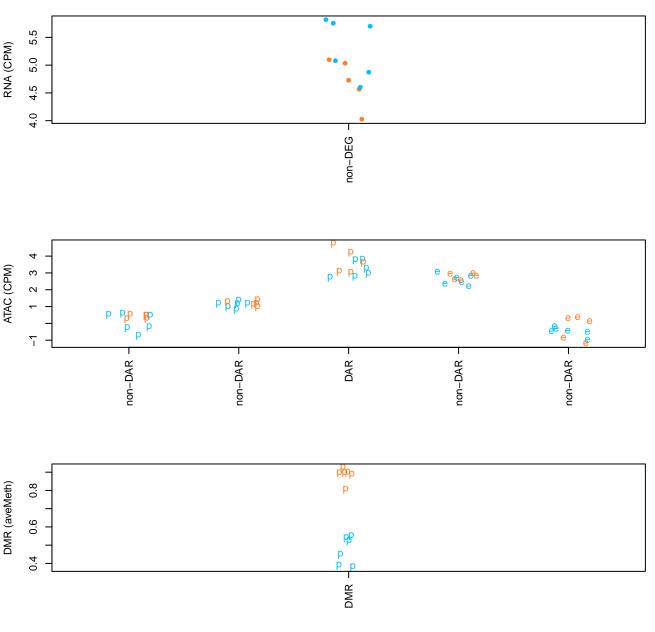
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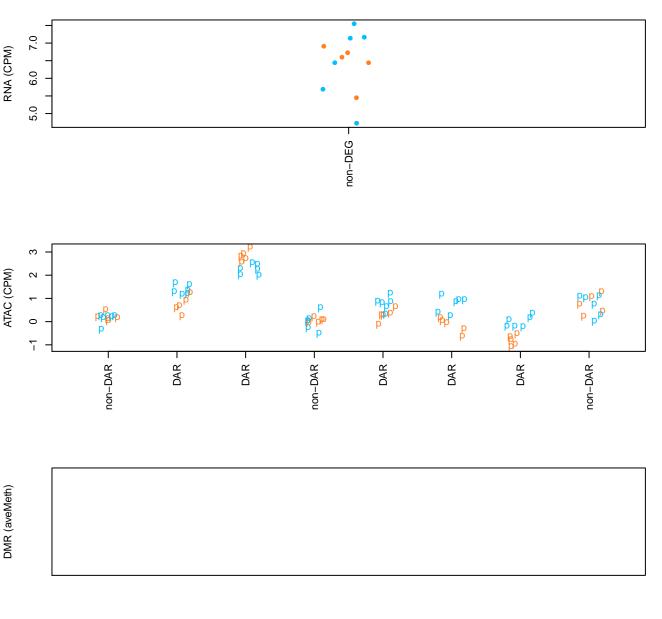
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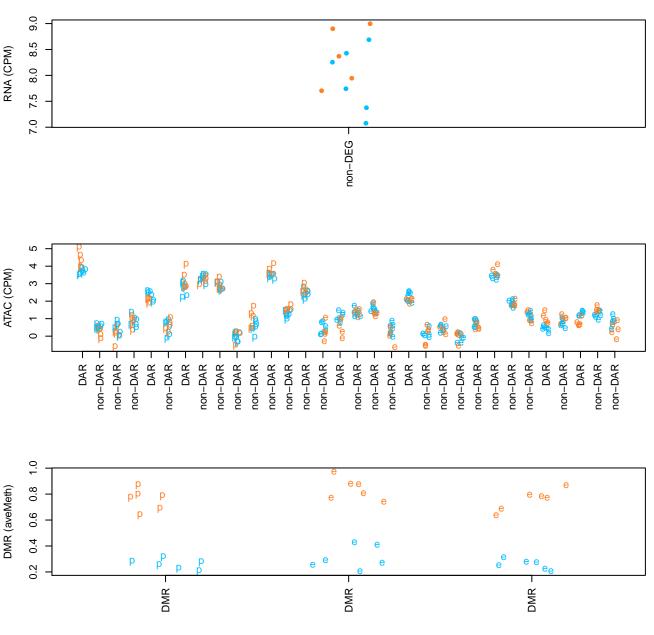
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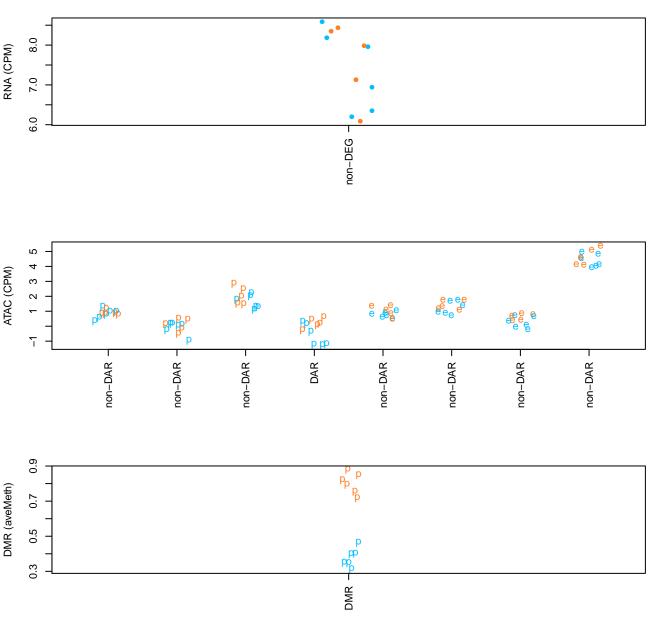
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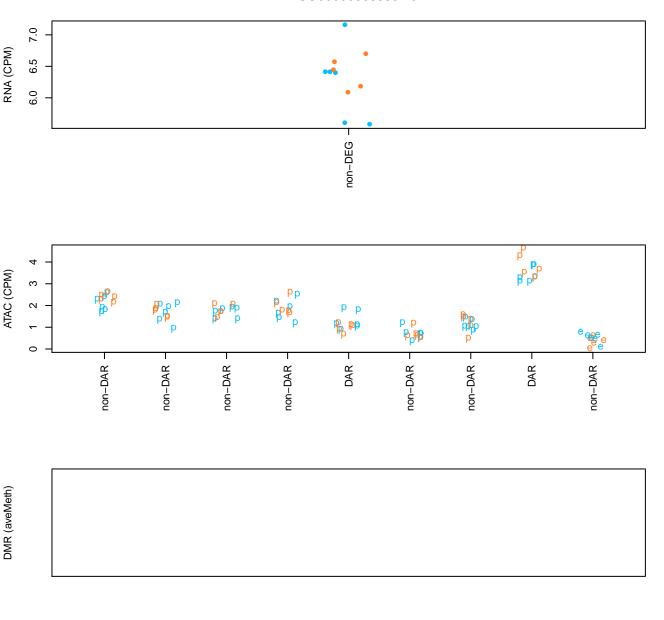
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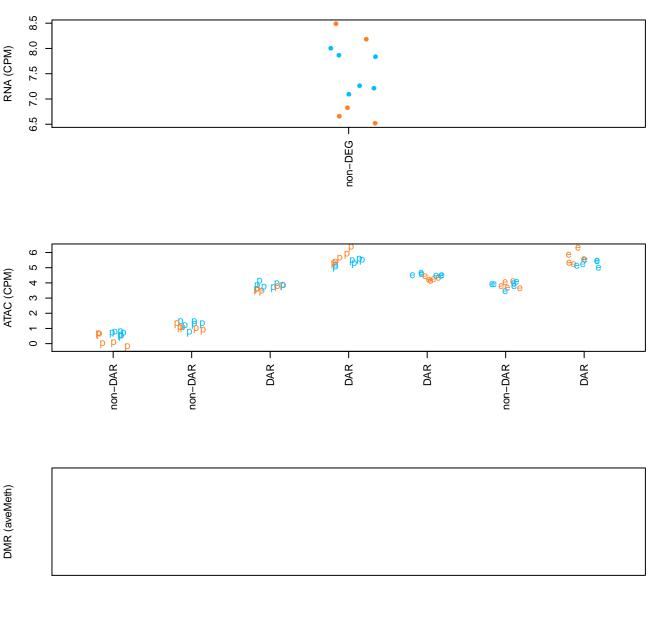
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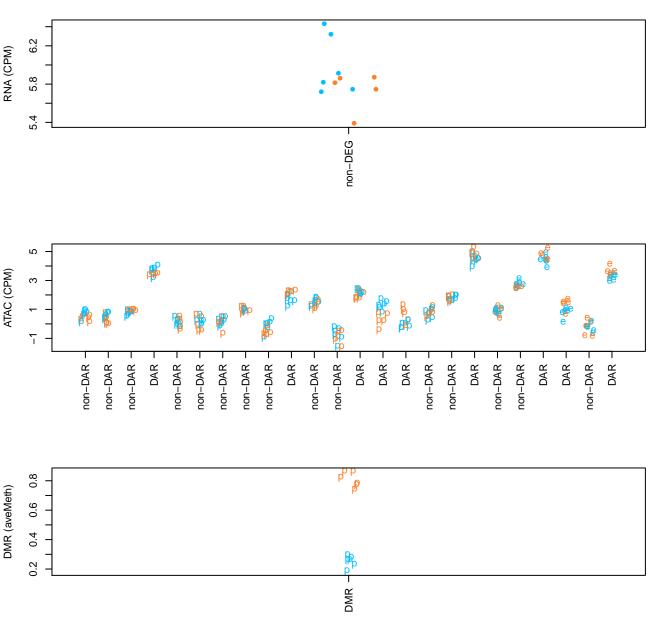
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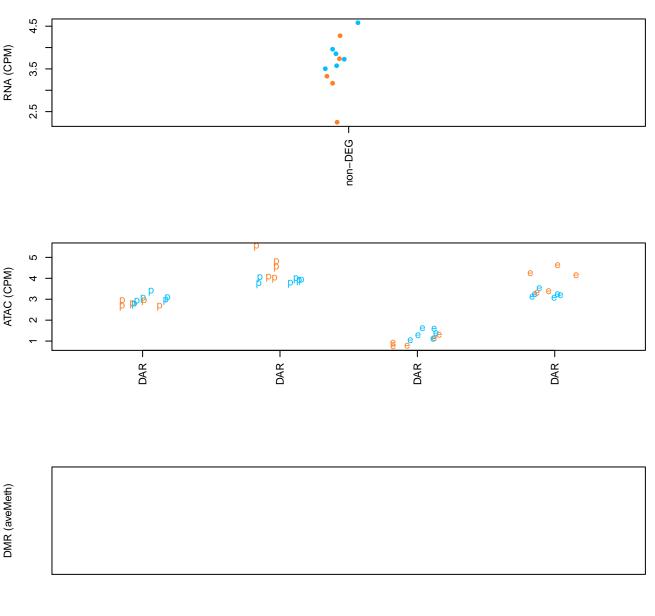
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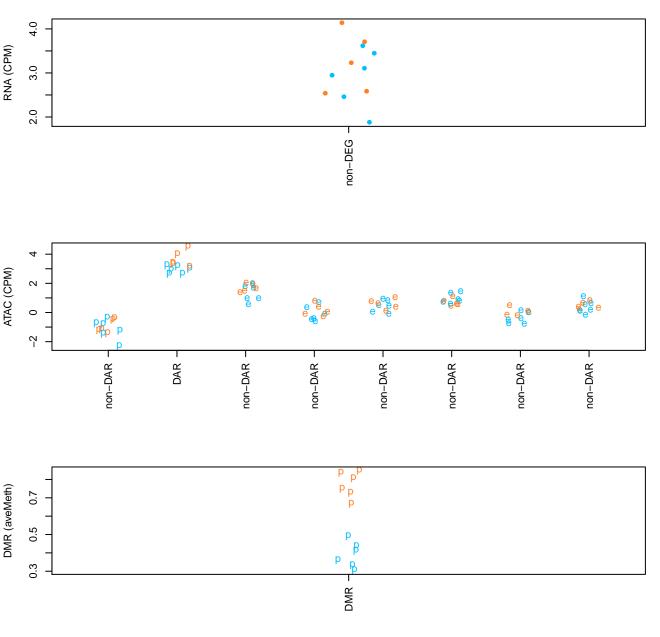
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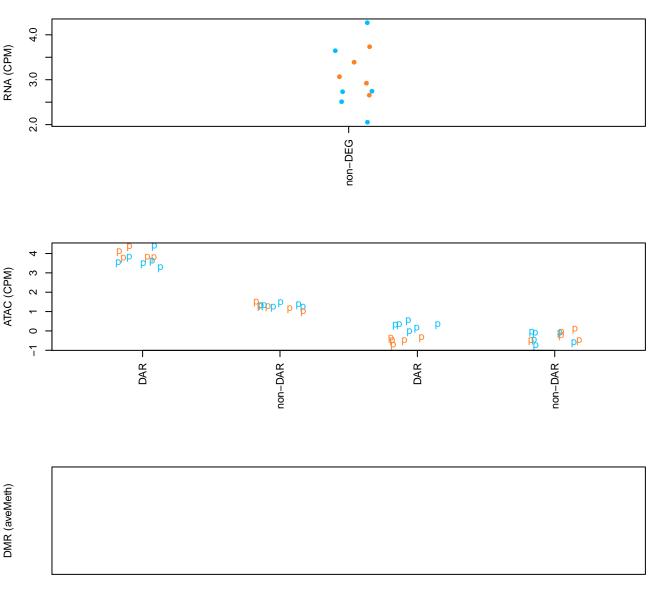
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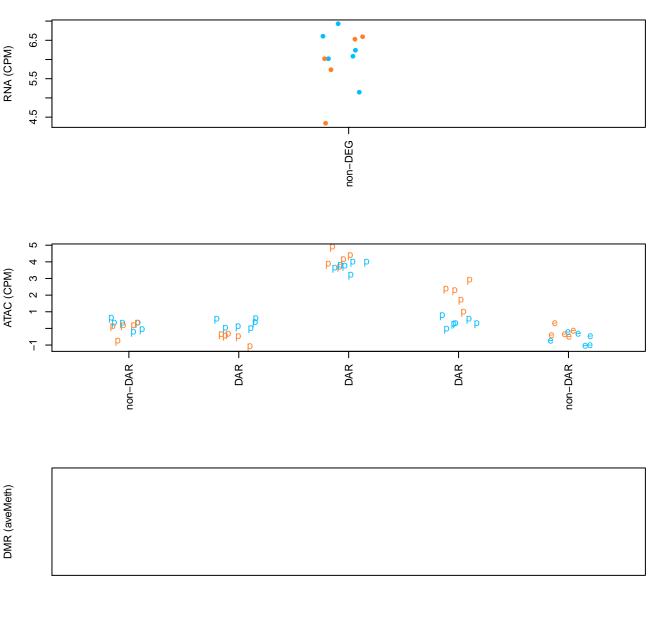
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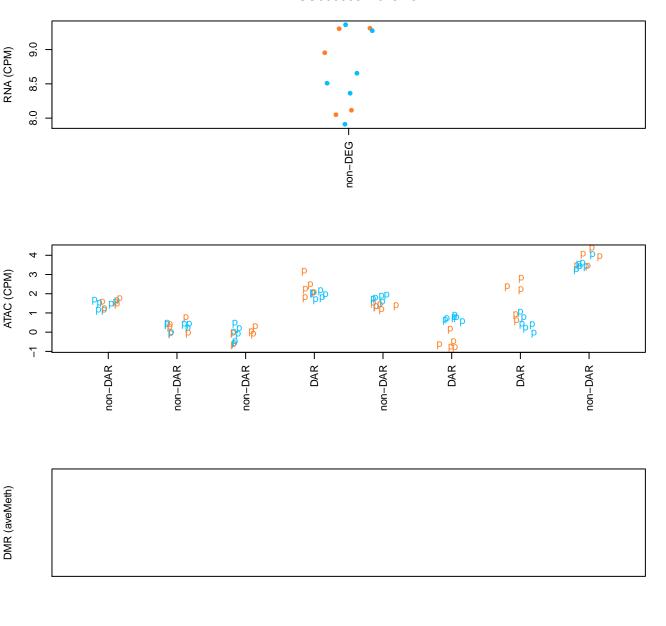
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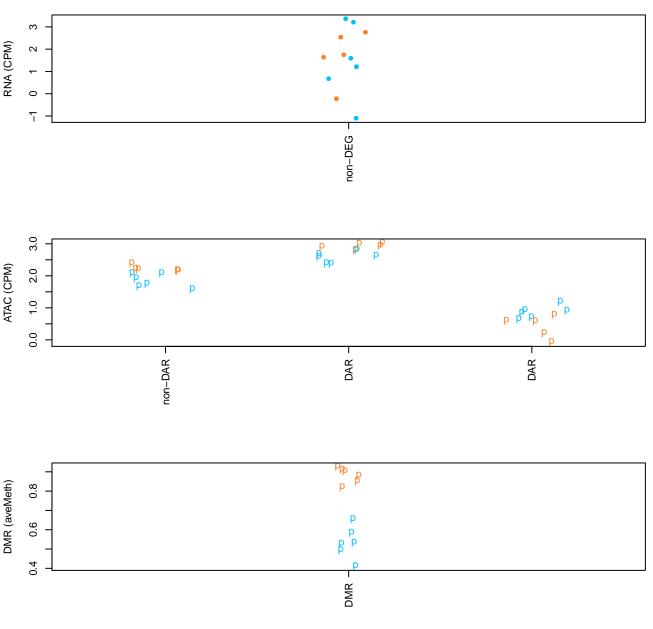
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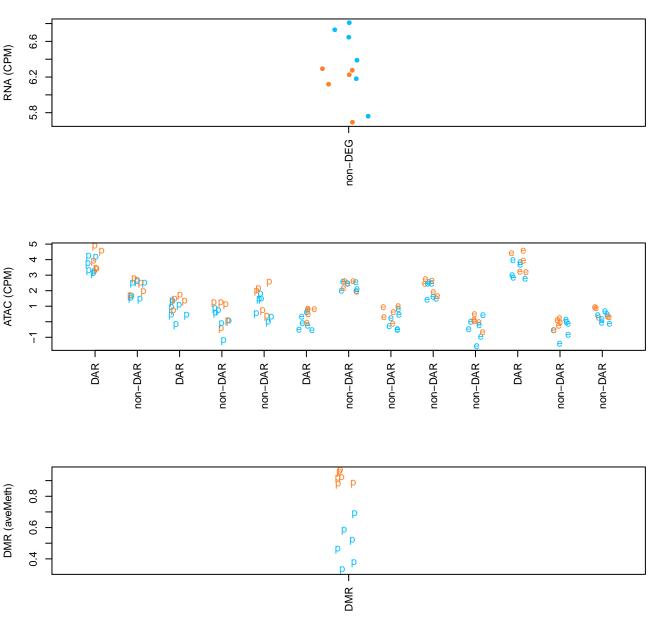
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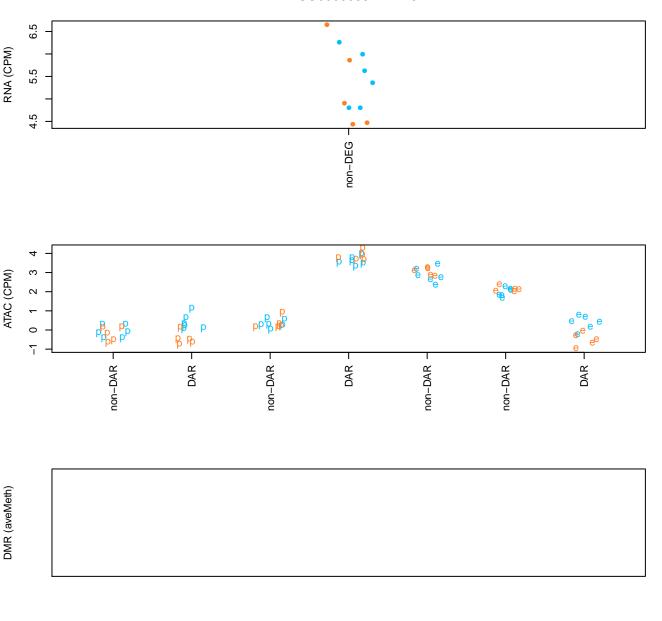
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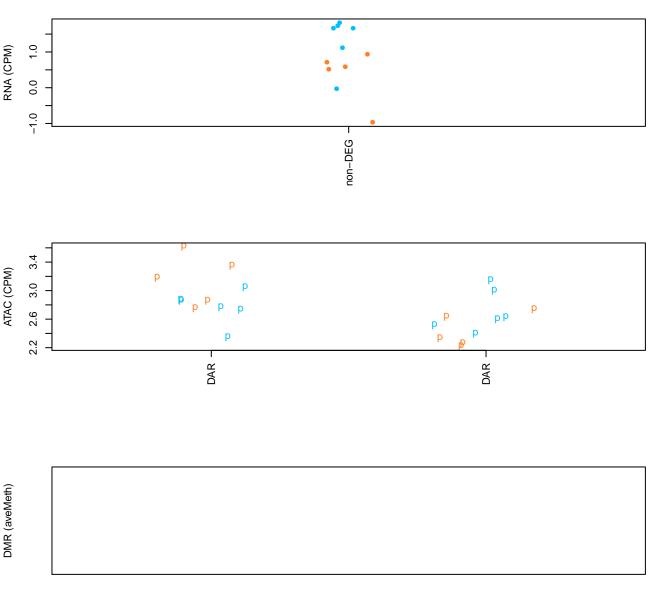
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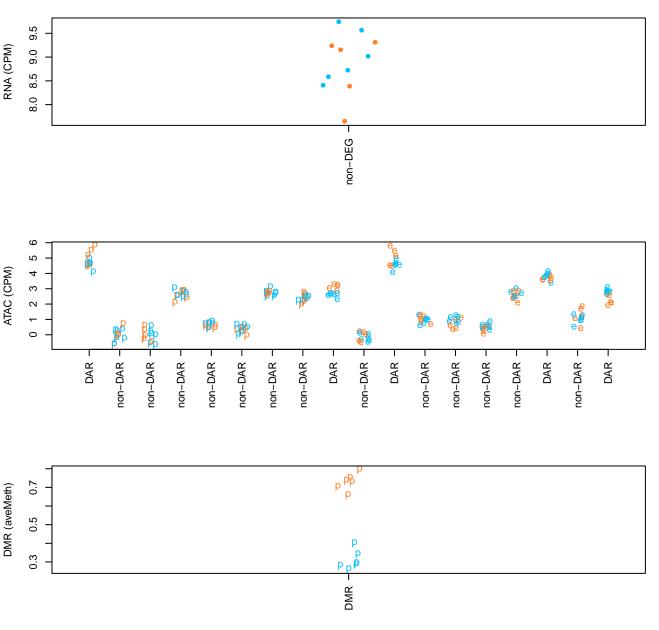
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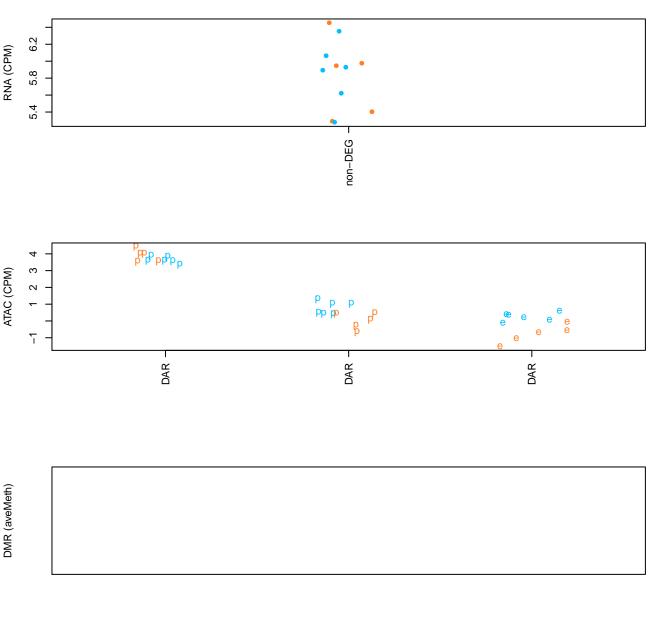
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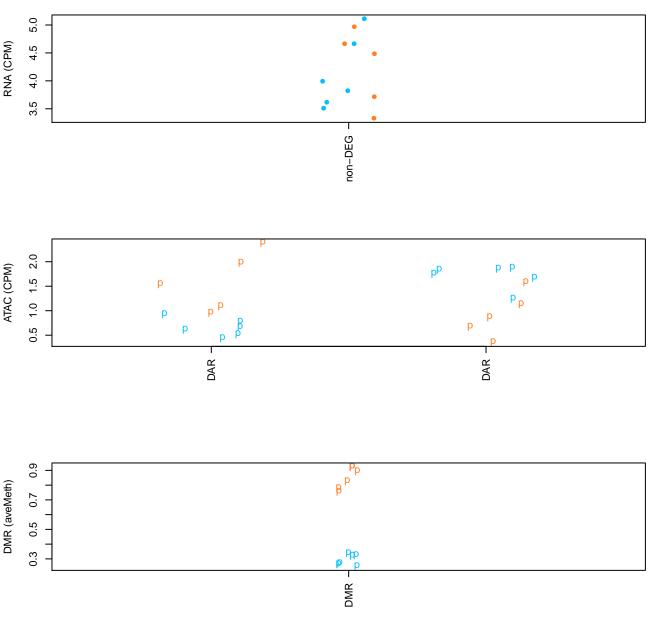
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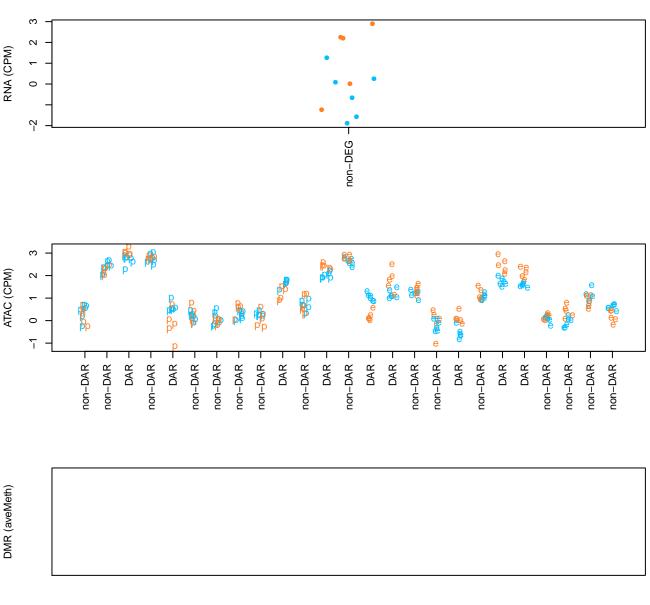
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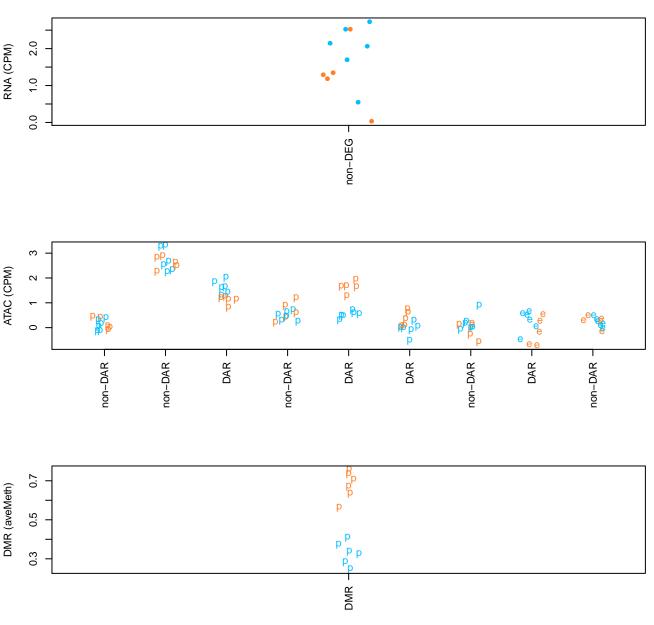
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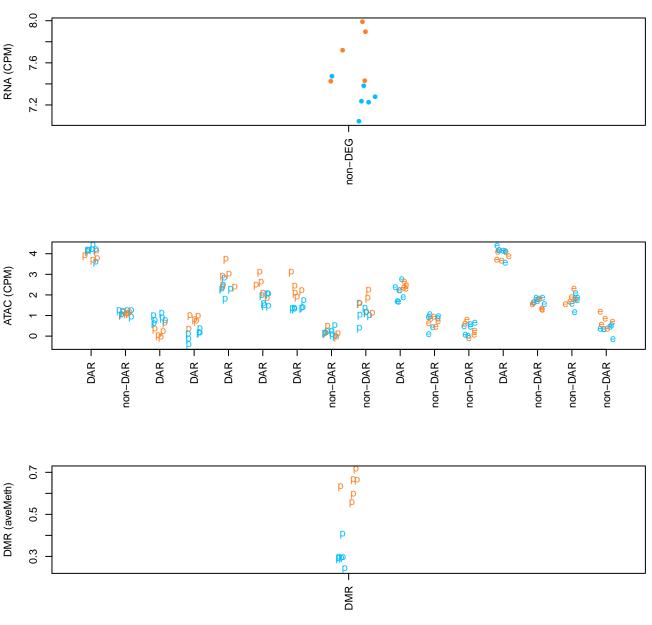
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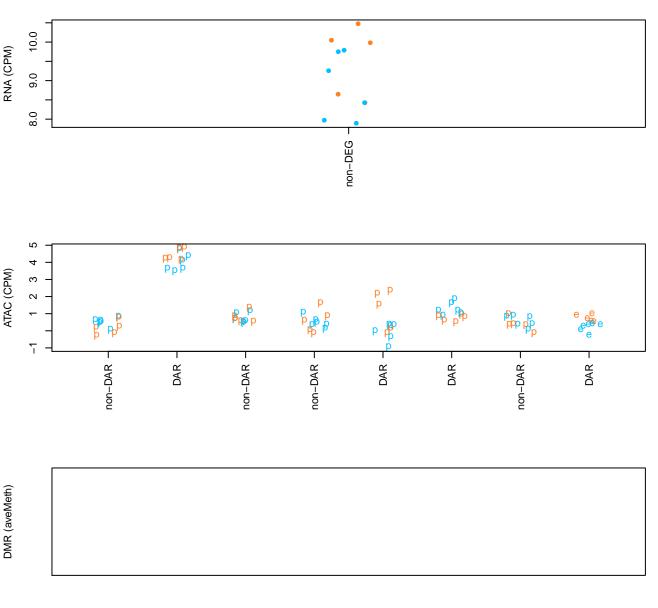
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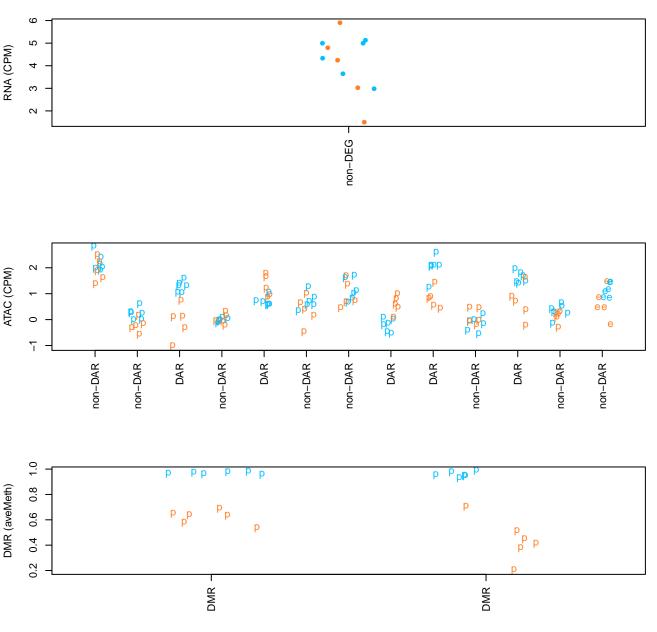
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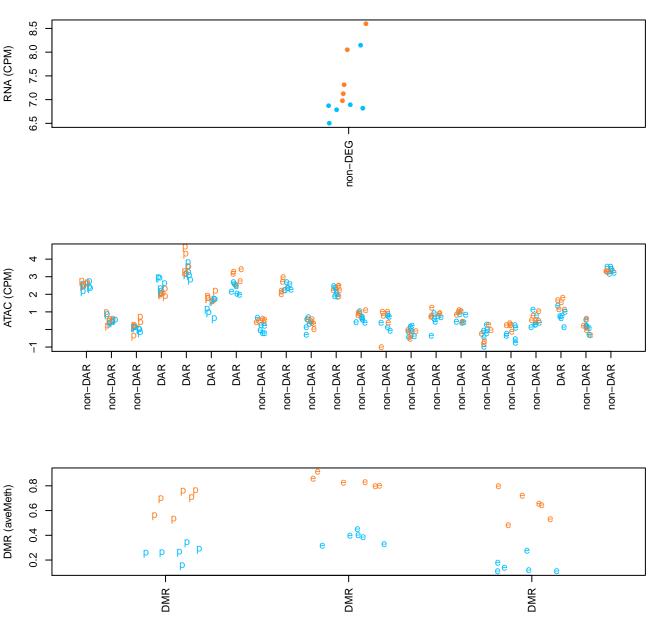
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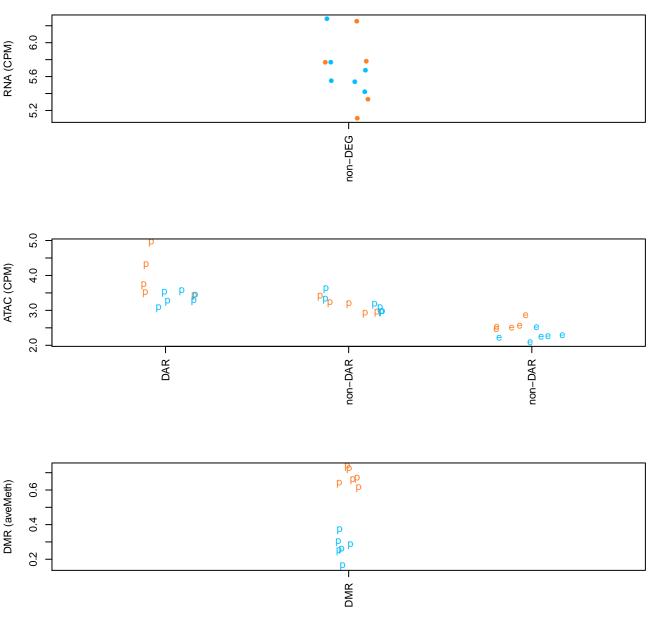
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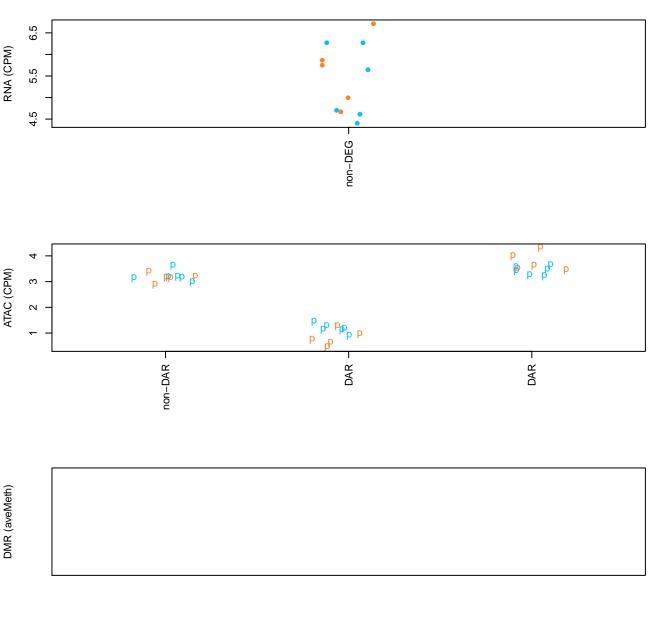
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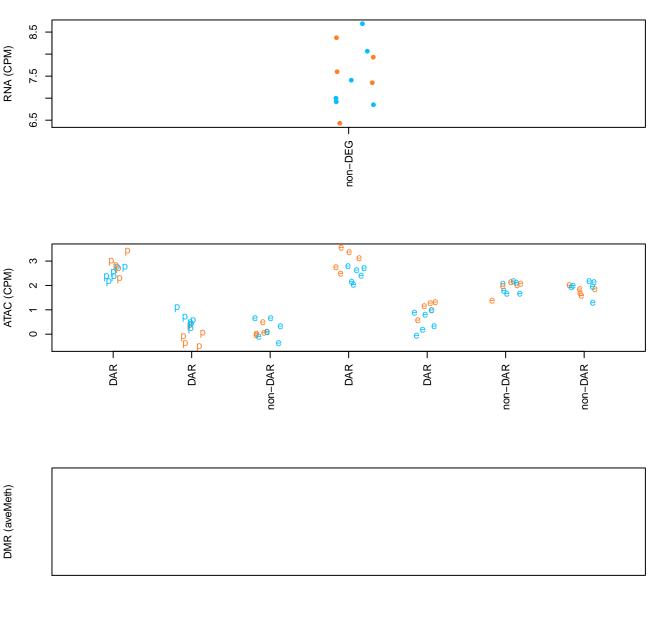
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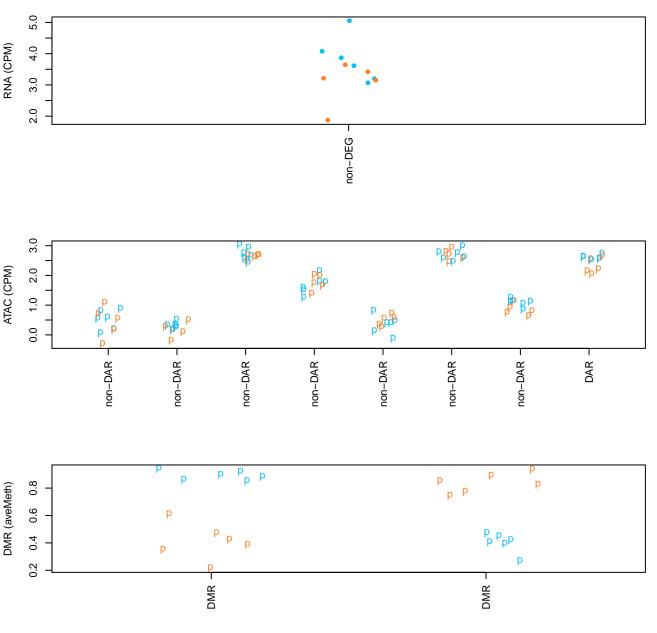
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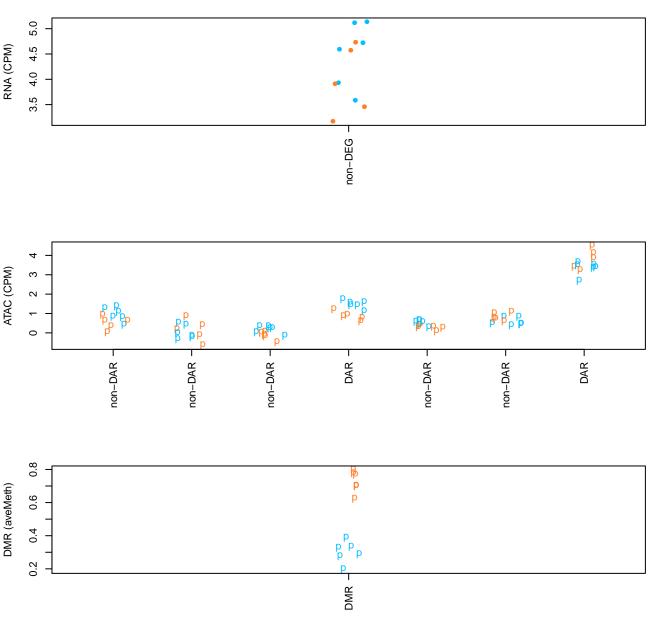
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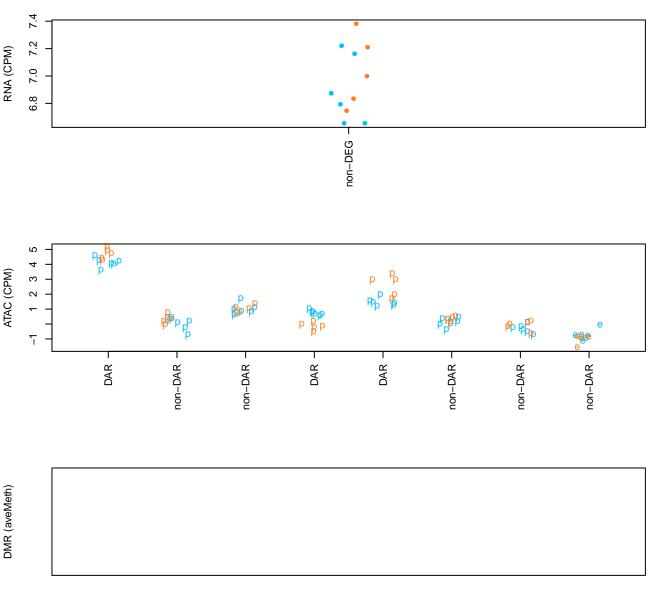
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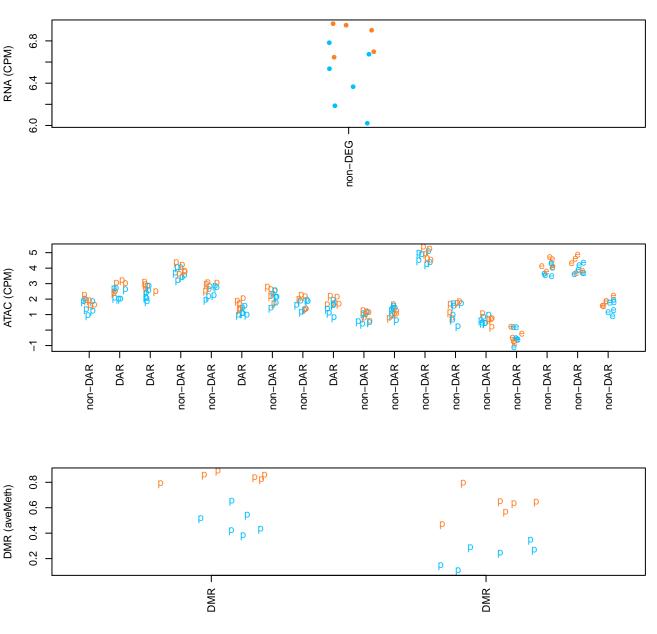
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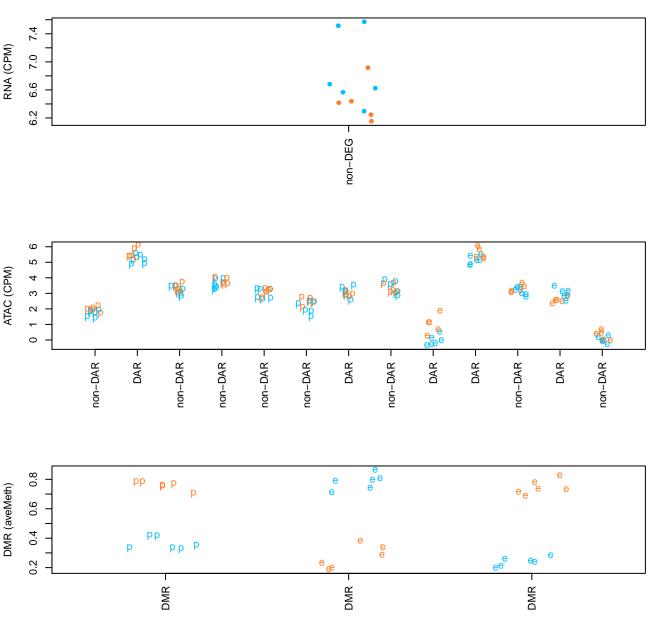
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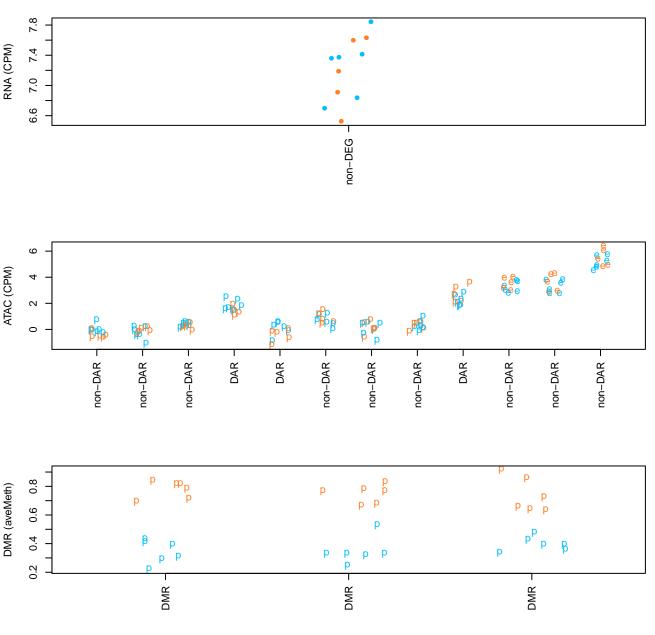
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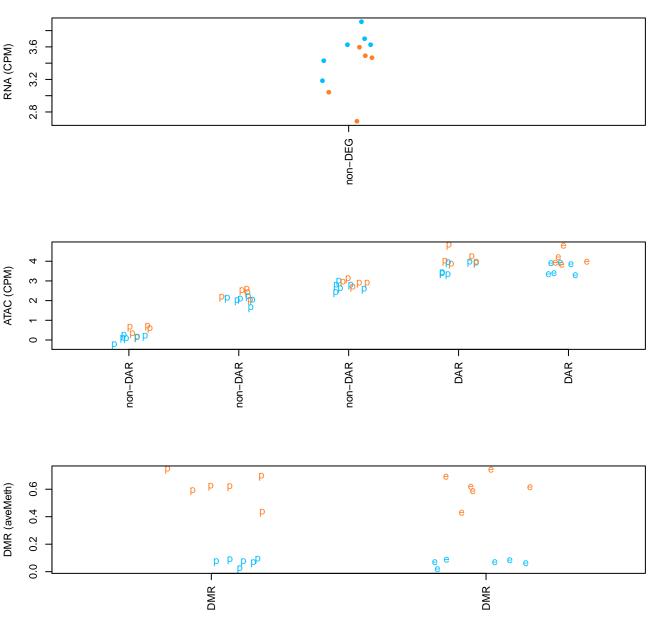
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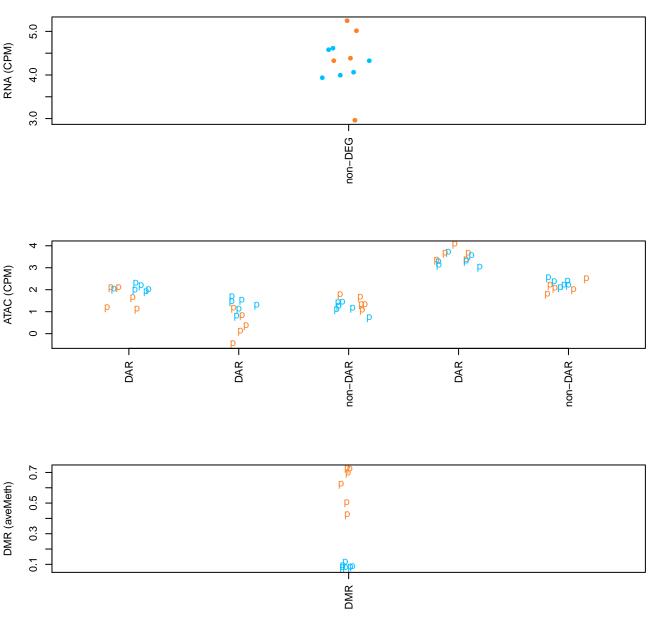
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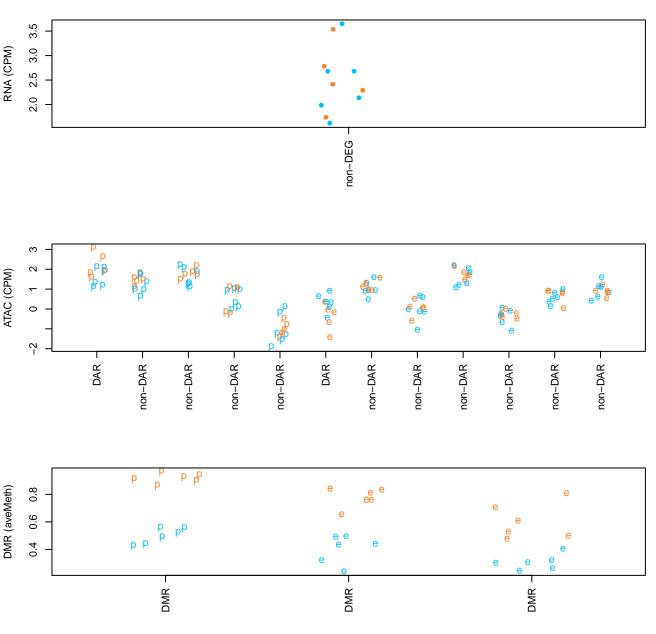
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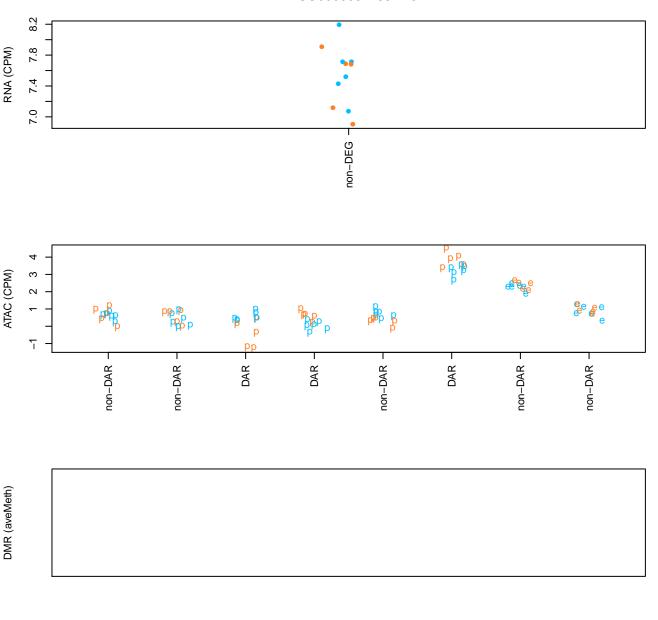
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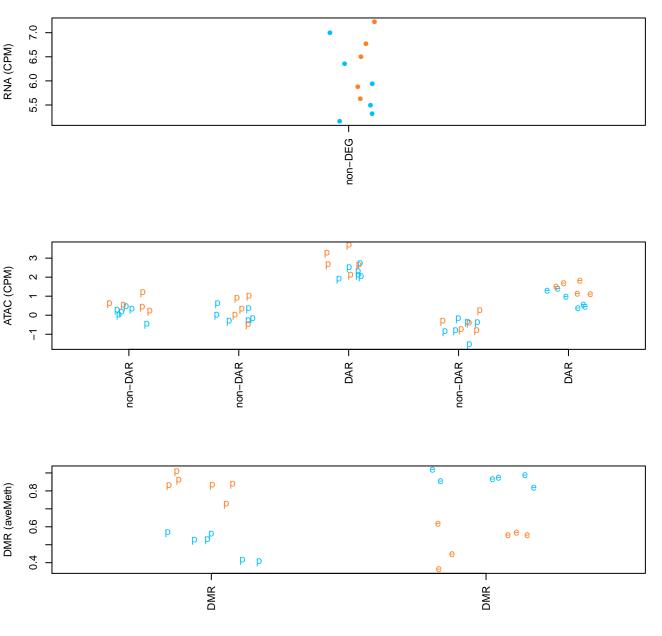
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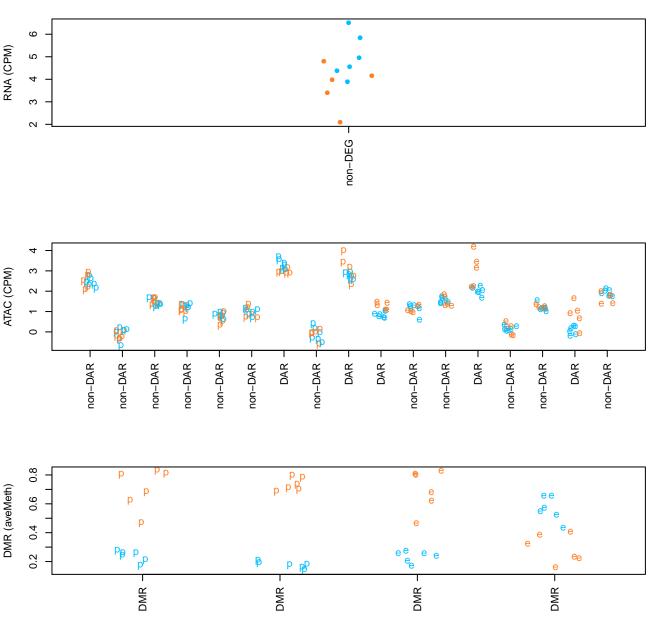
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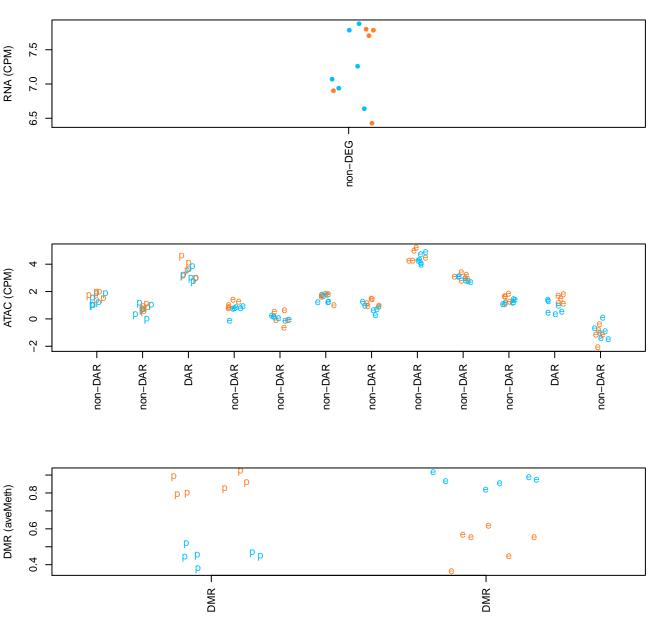
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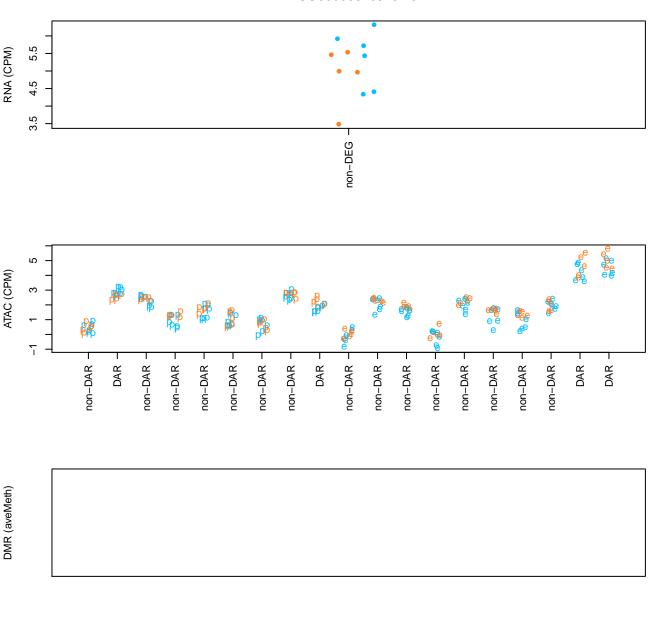
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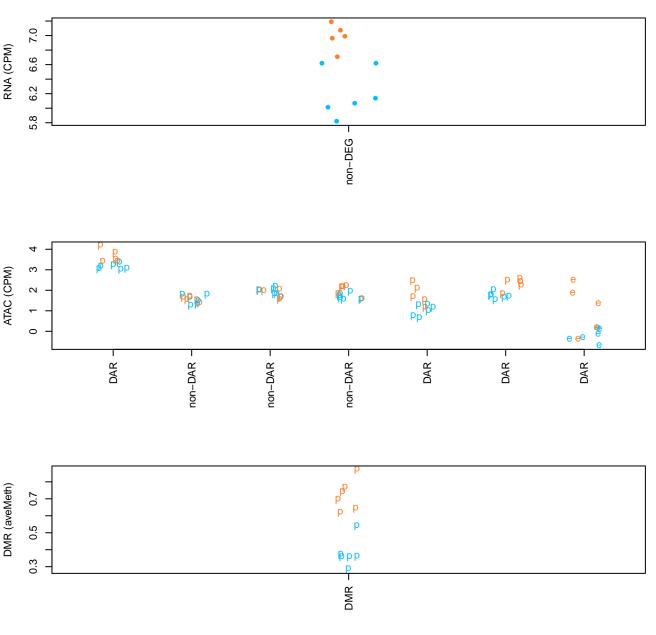
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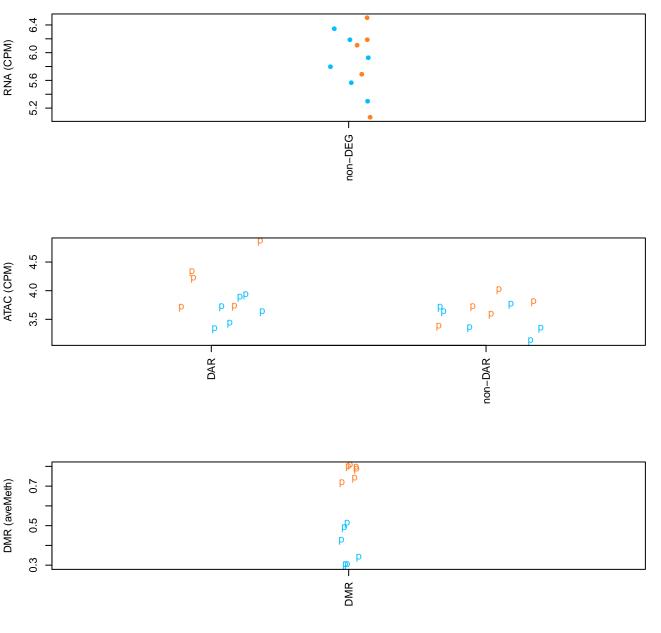
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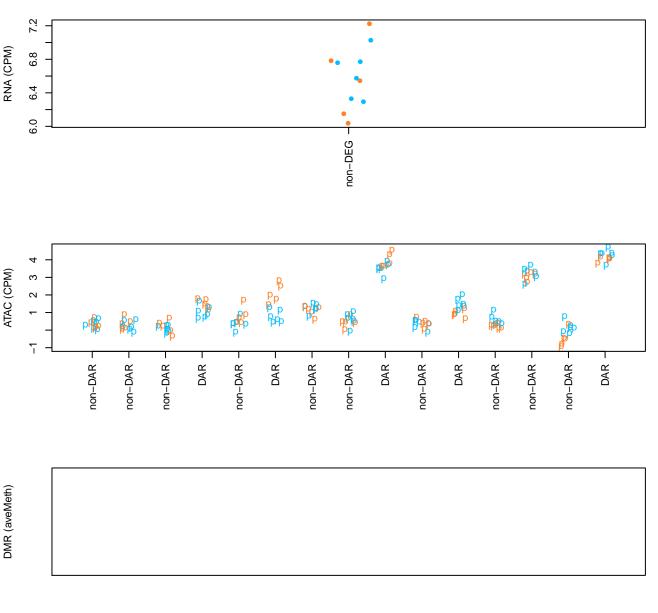
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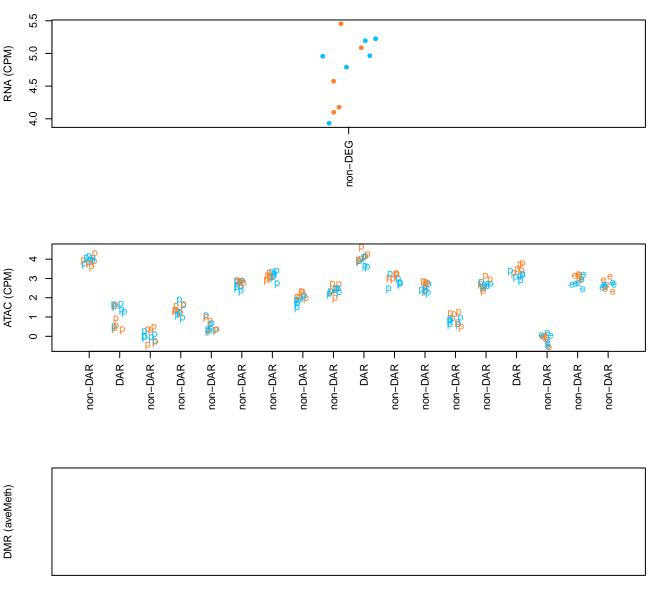
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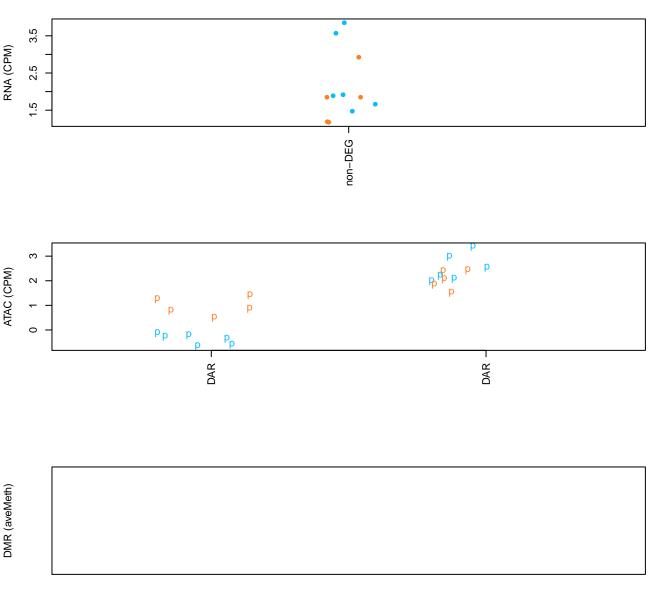
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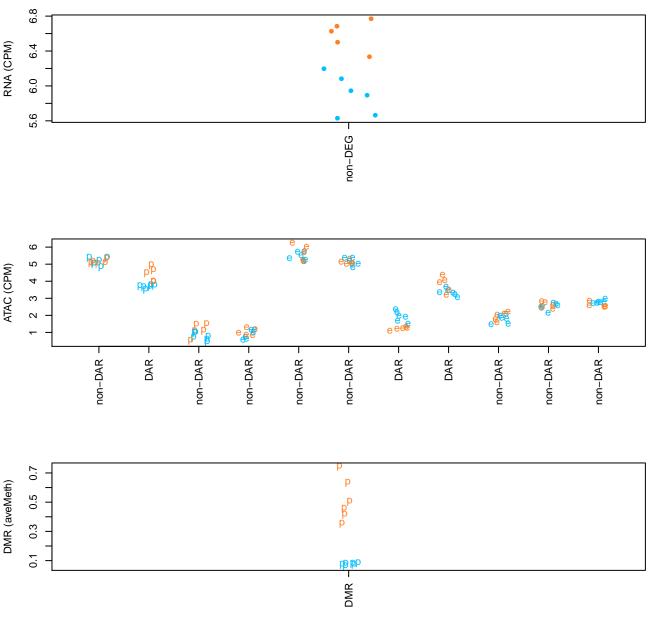
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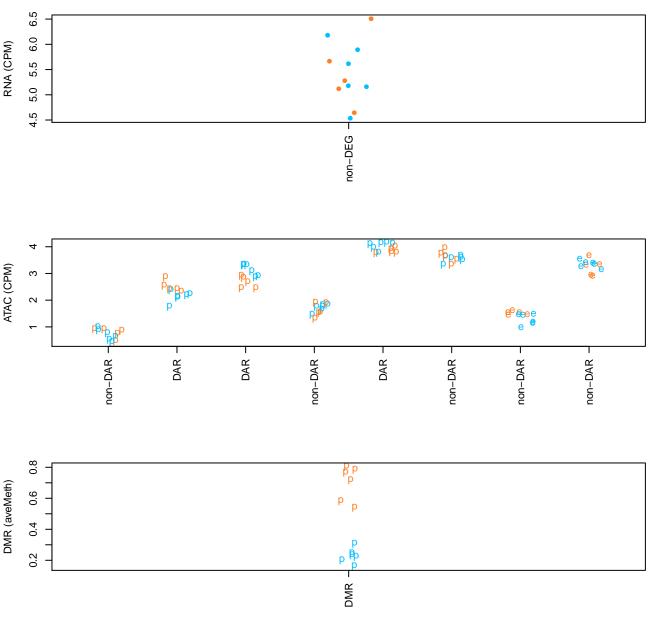
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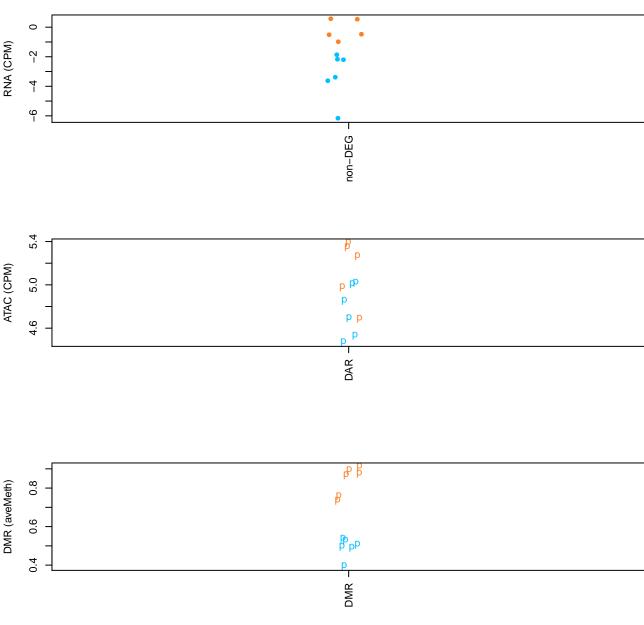
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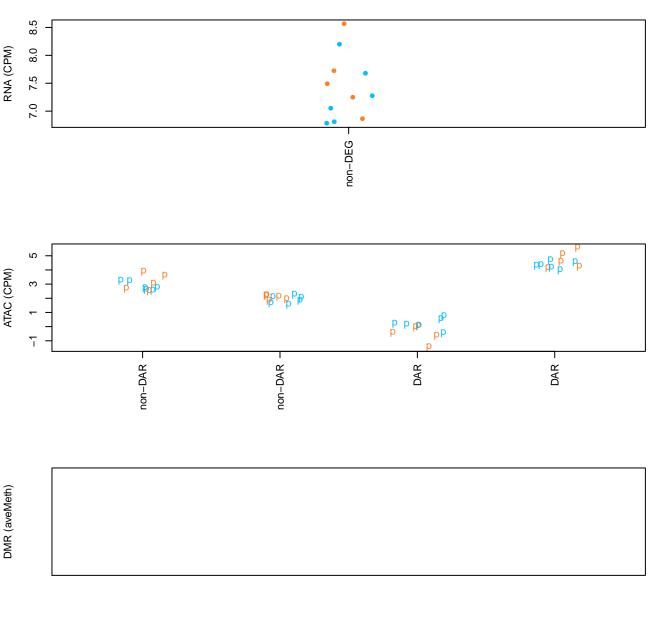
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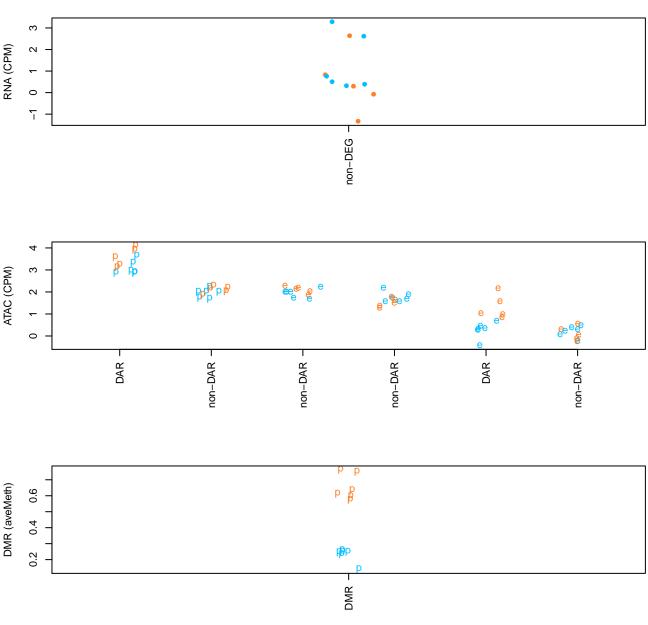
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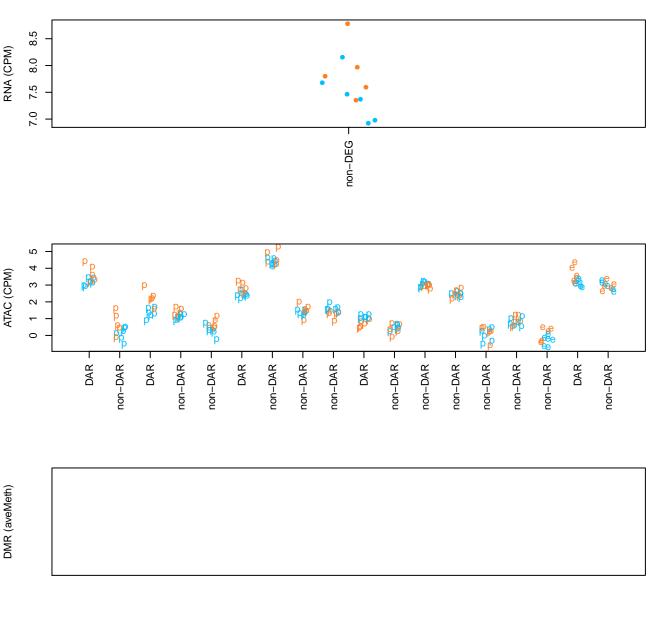
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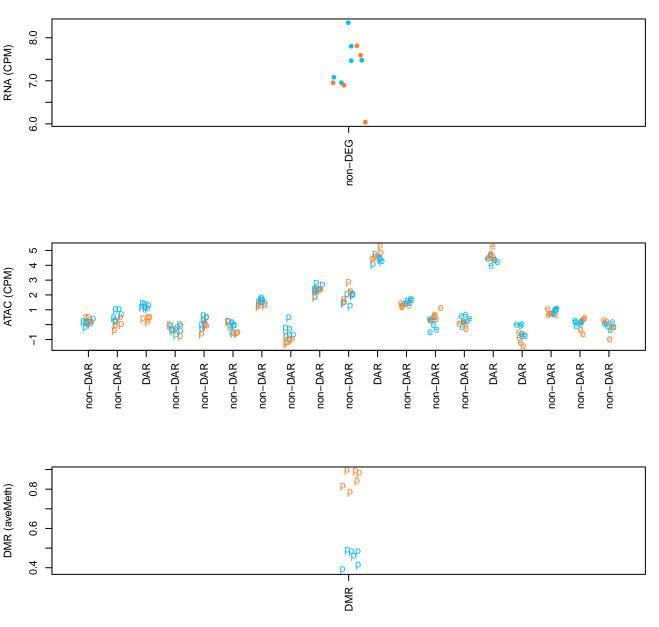
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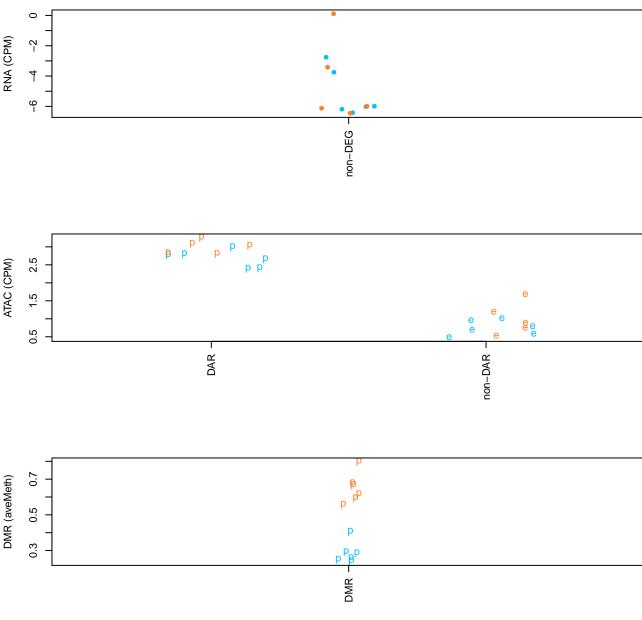
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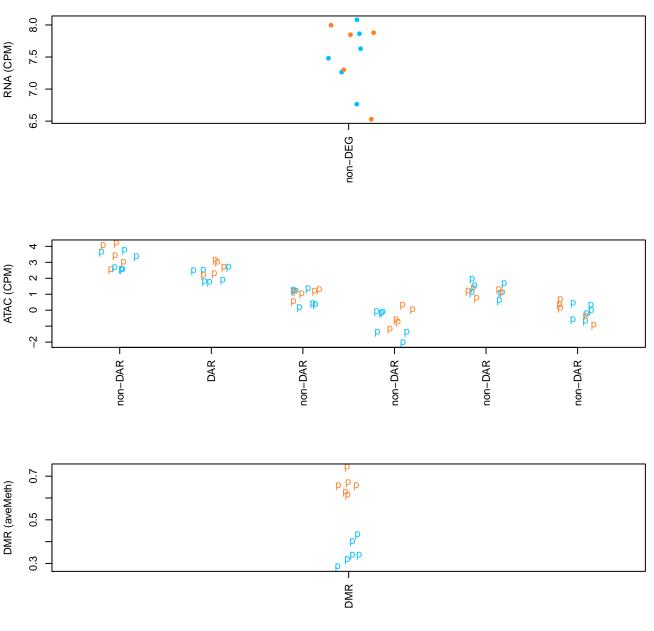


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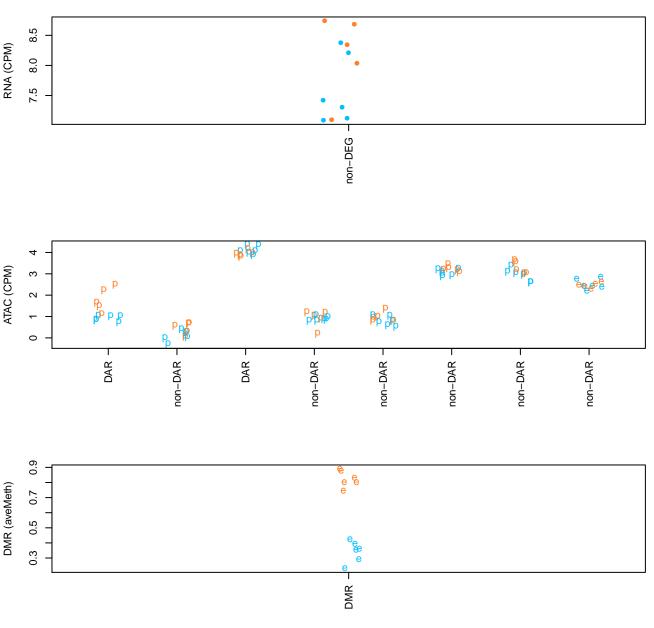


ENSG00000089060.7 5.0 4.5 RNA (CPM) 4.0 3.5 non-DEG ATAC (CPM) 0 PP PP non-DAR - 0 non-DAR -0 DAR non-DAR non-DAR non-DAR non-DAR non-DAR -DAR non-DAR non-DAR non-DAR -DAR non-DAR non-DAR non-DAR е е DMR (aveMeth) е 0.8 е е 9.0 е p p p ee Pp æ 0.4 DMR -DMR

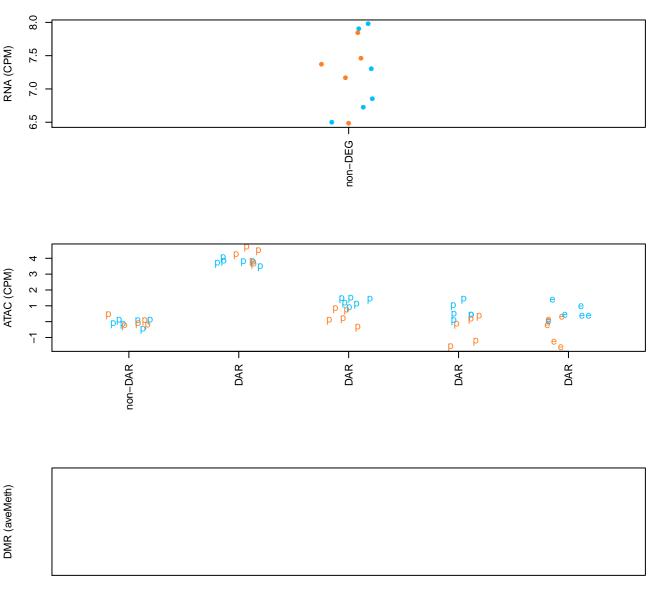
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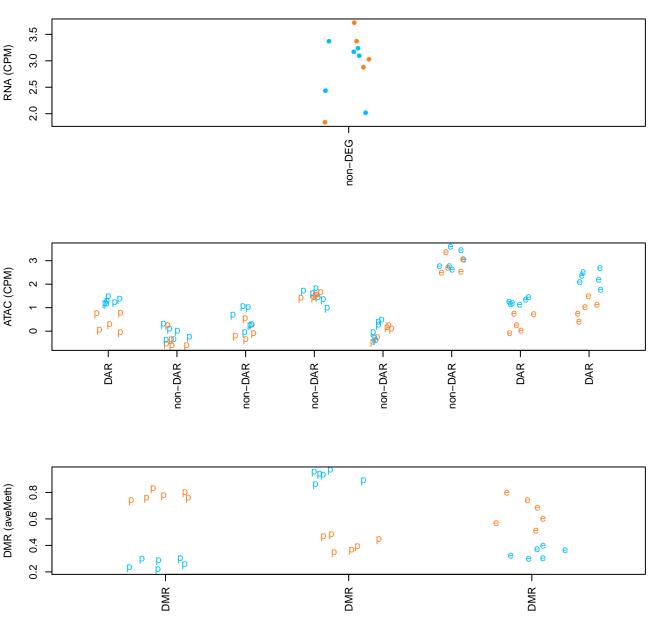
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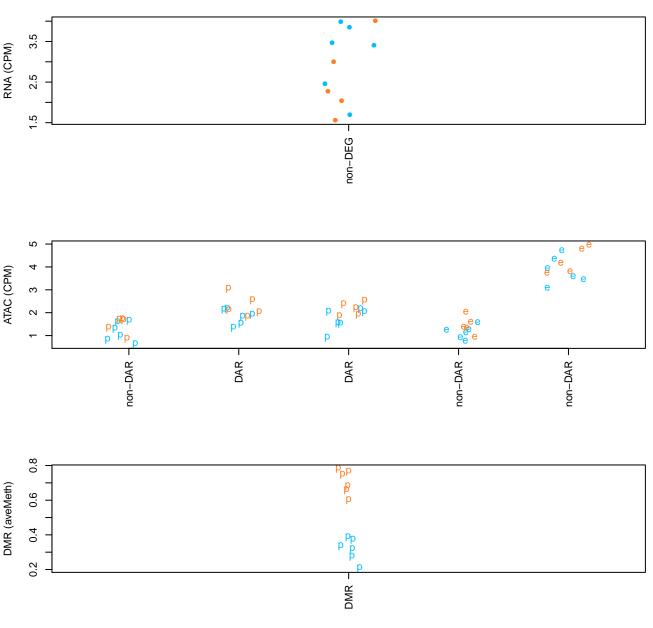
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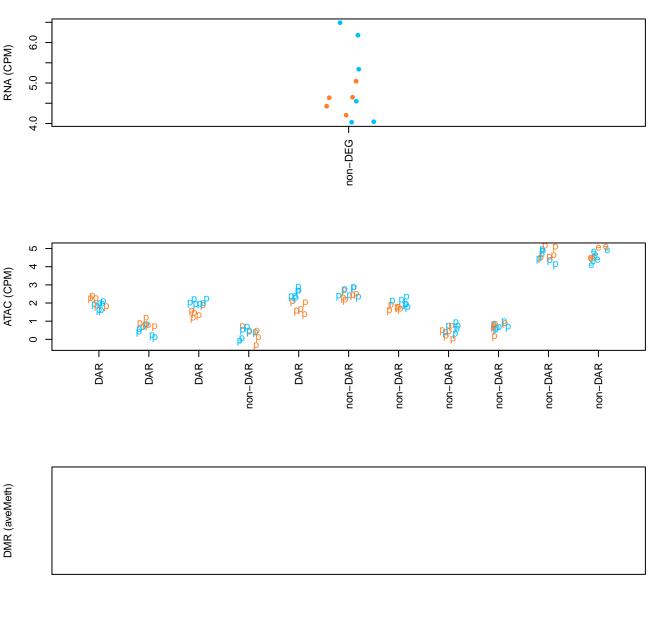
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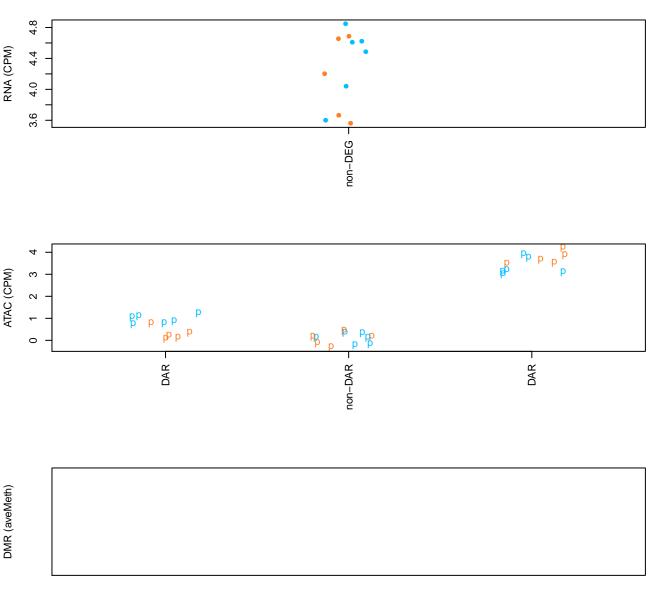
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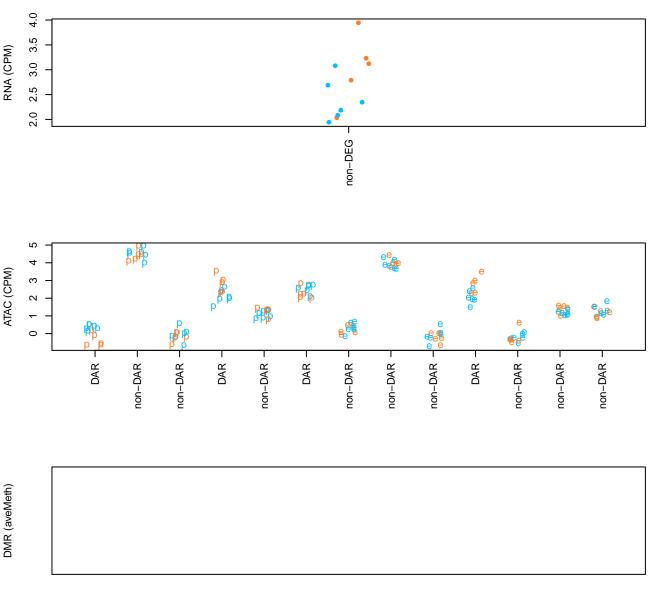
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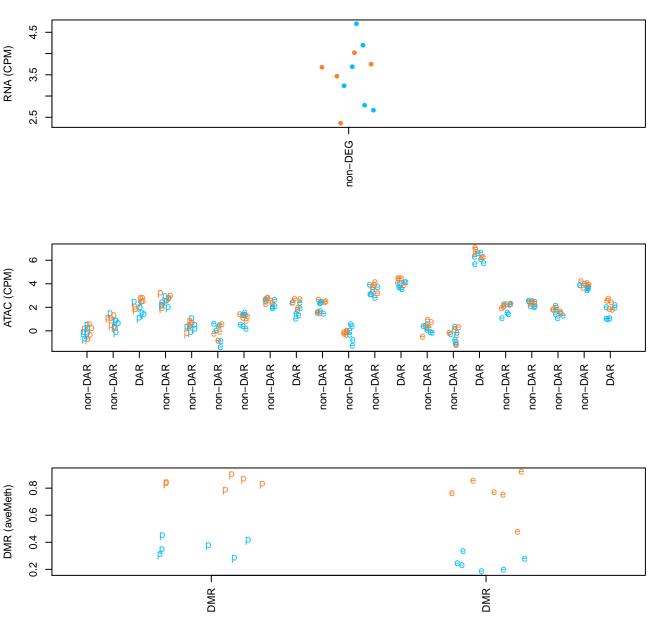
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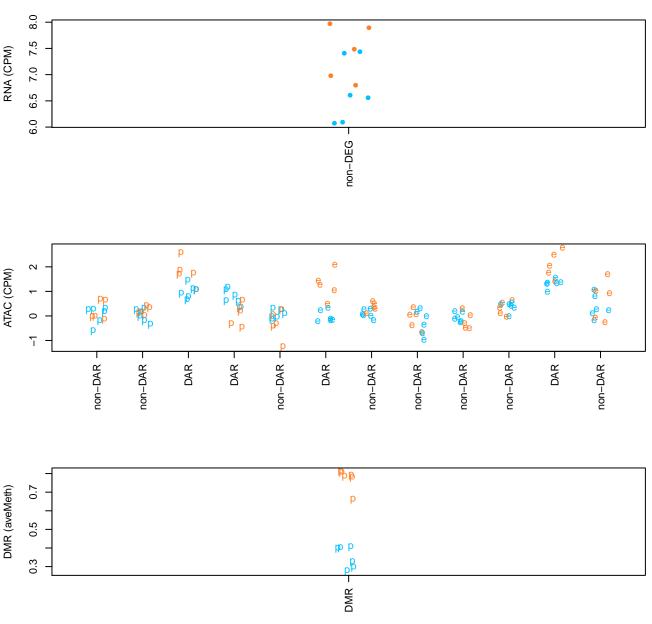
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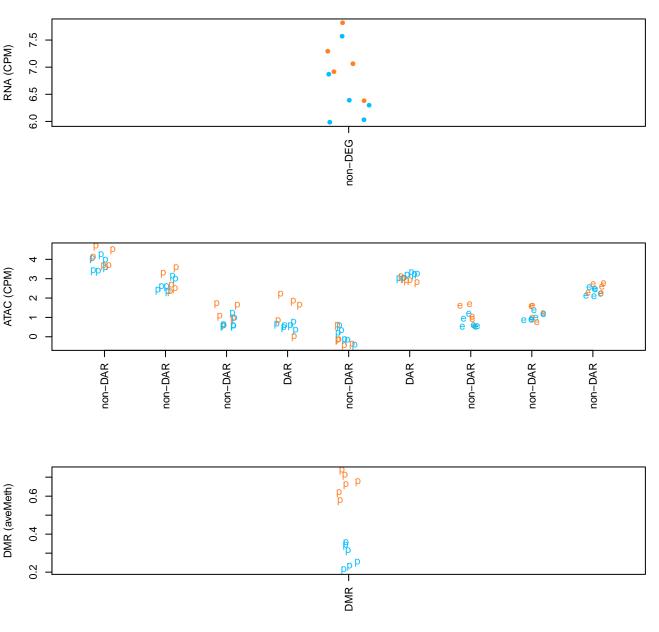
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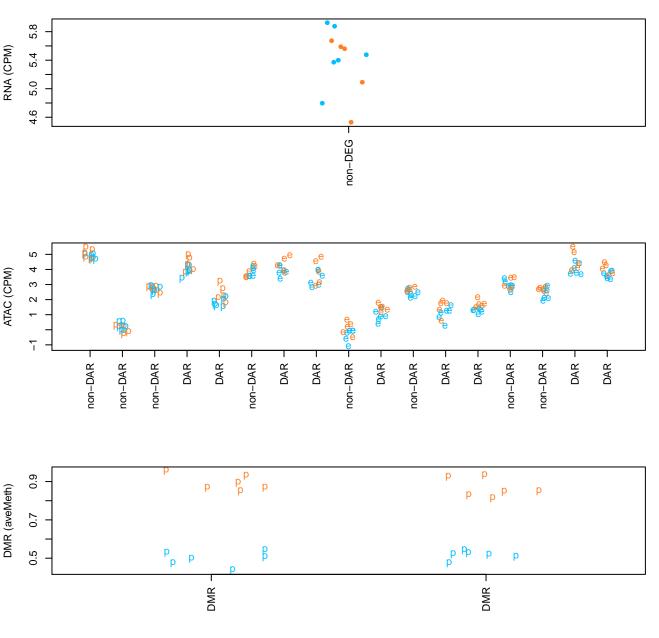


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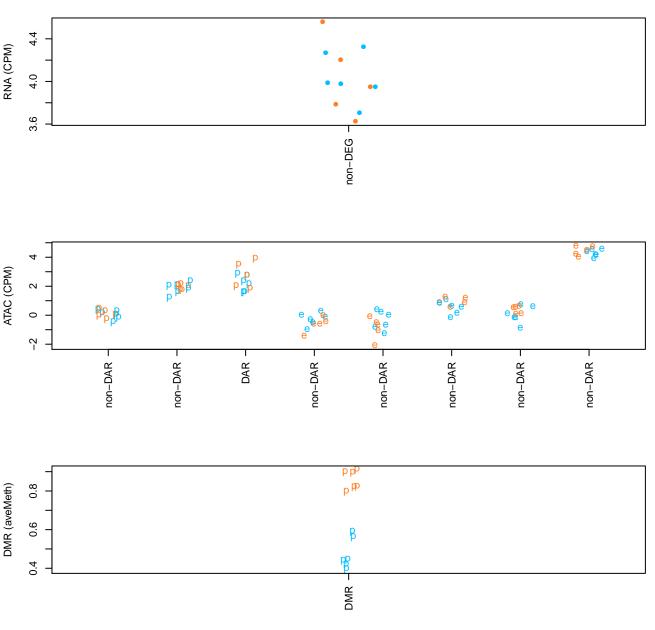


ENSG00000100099.16 6.0 RNA (CPM) 5.5 5.0 non-DEG က e e e e e e e ATAC (CPM) 0 Pp pp non-DAR -DAR DAR DMR (aveMeth) 0.5 0.3 p p p DMR -

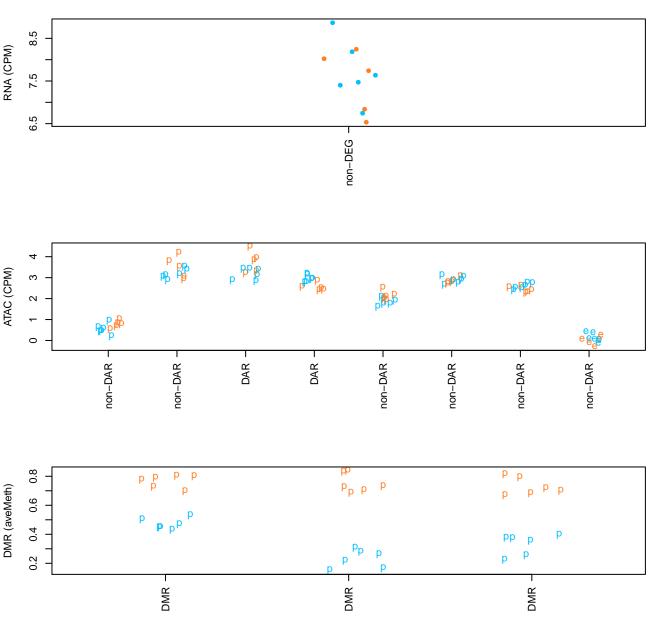
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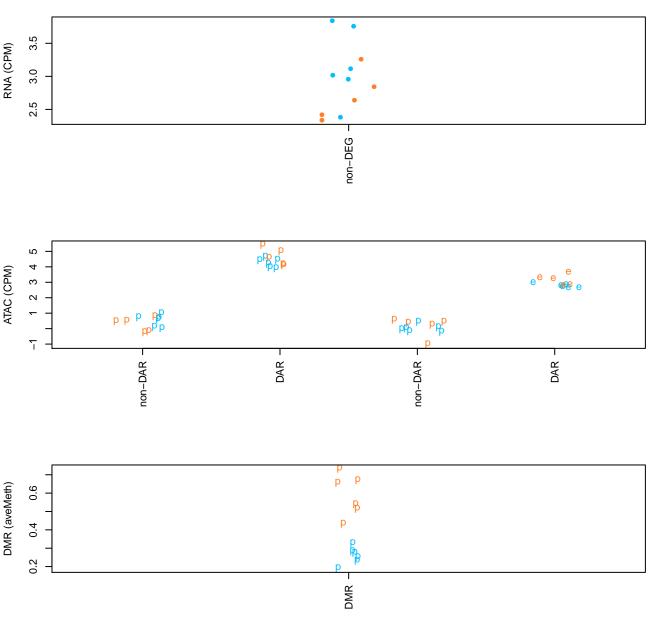
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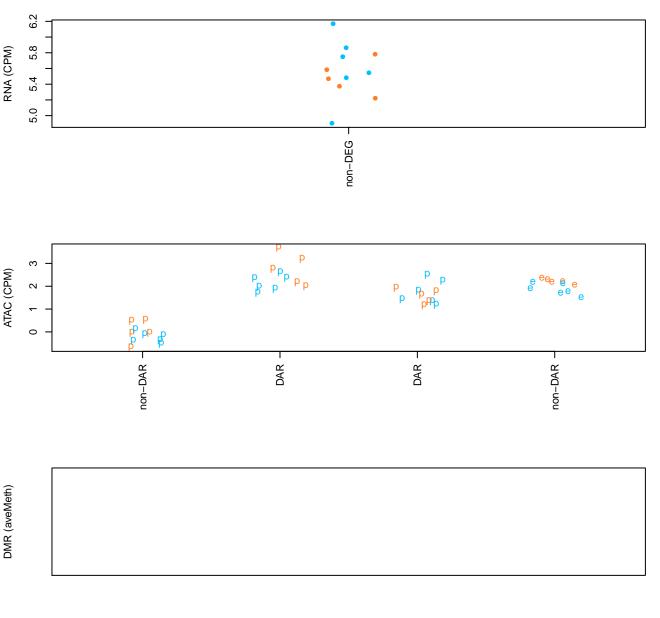
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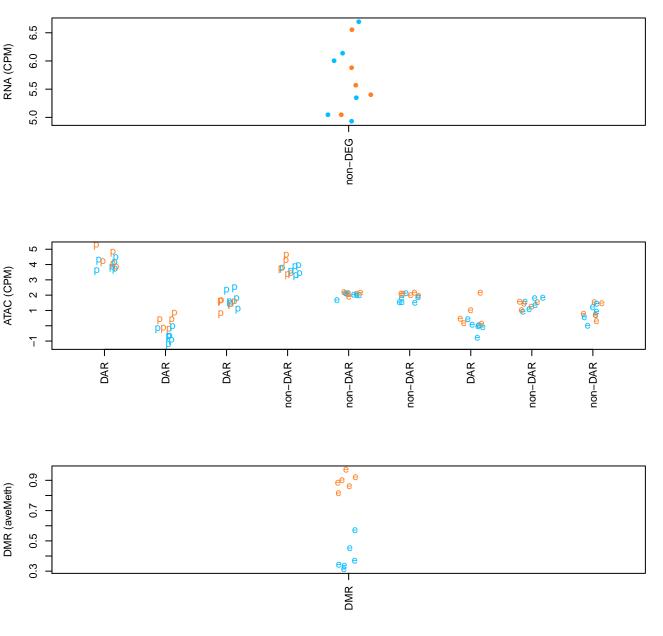
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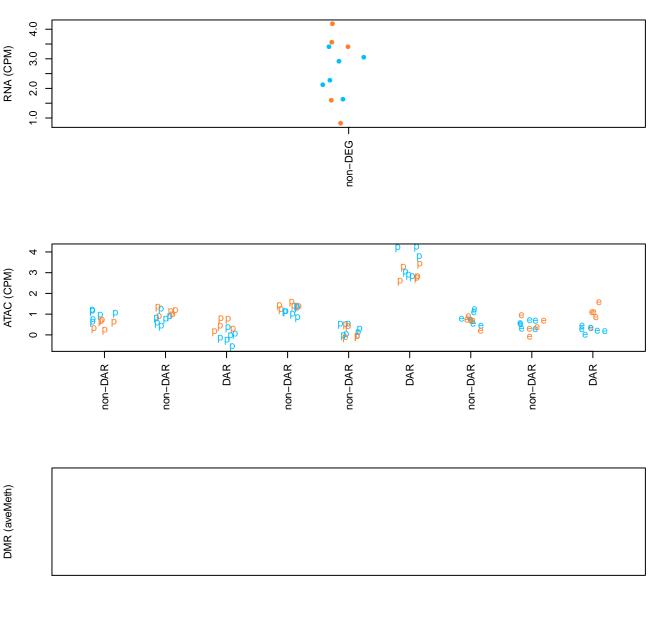
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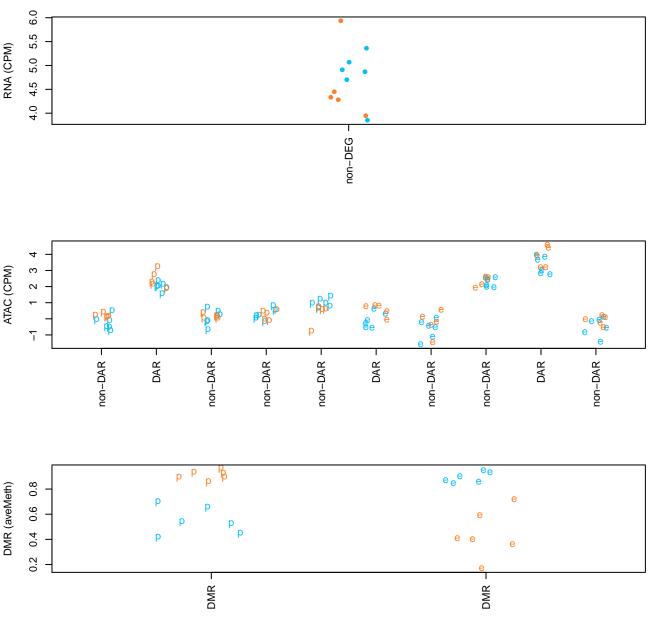
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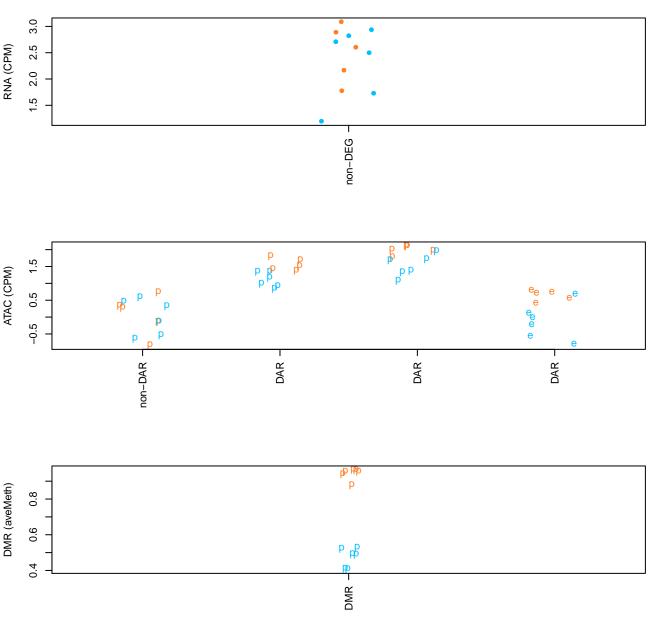
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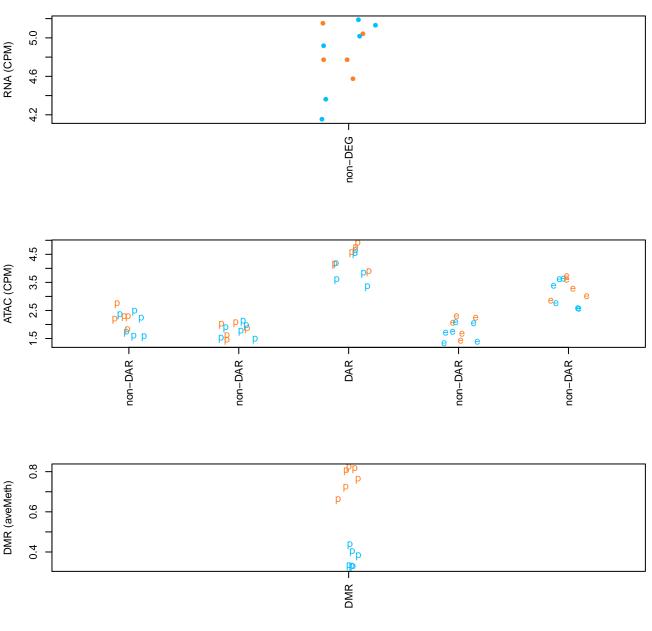
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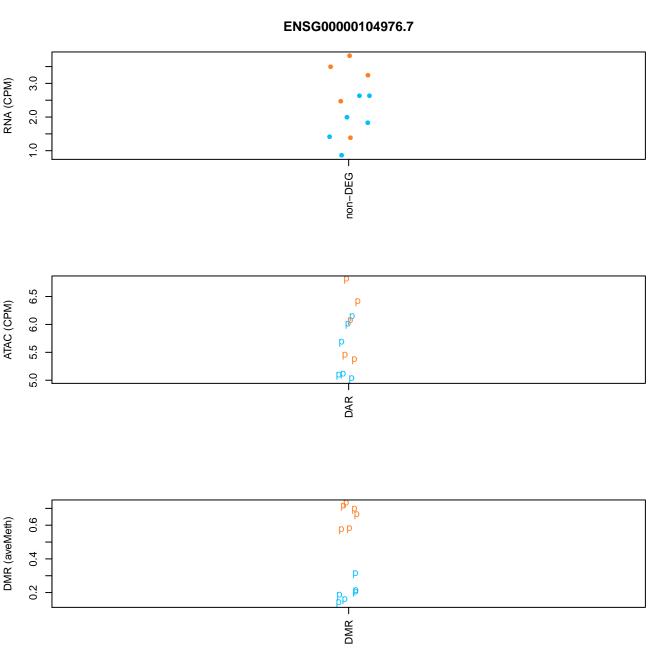


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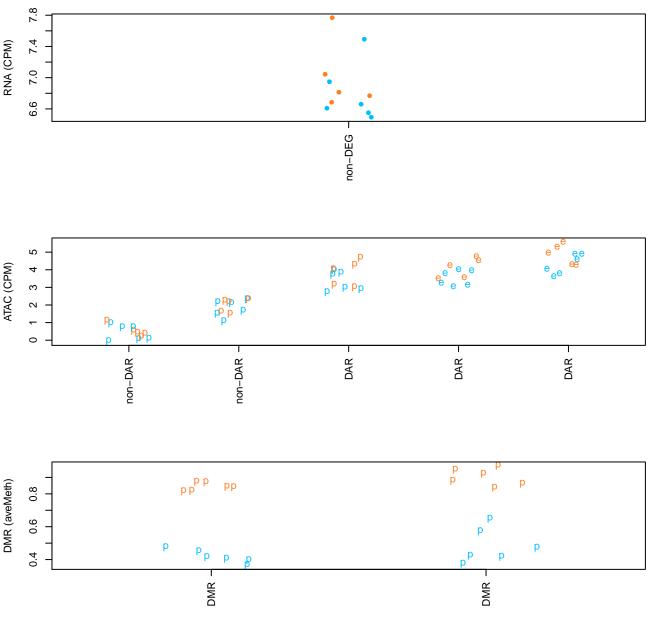


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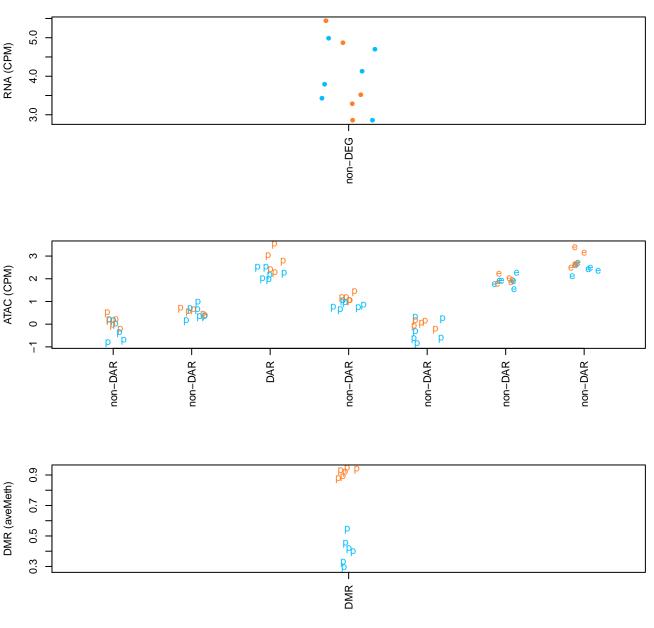




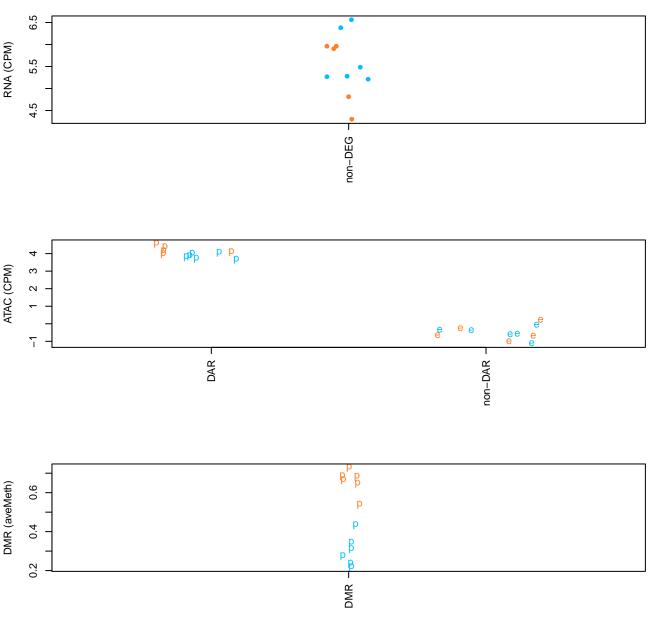
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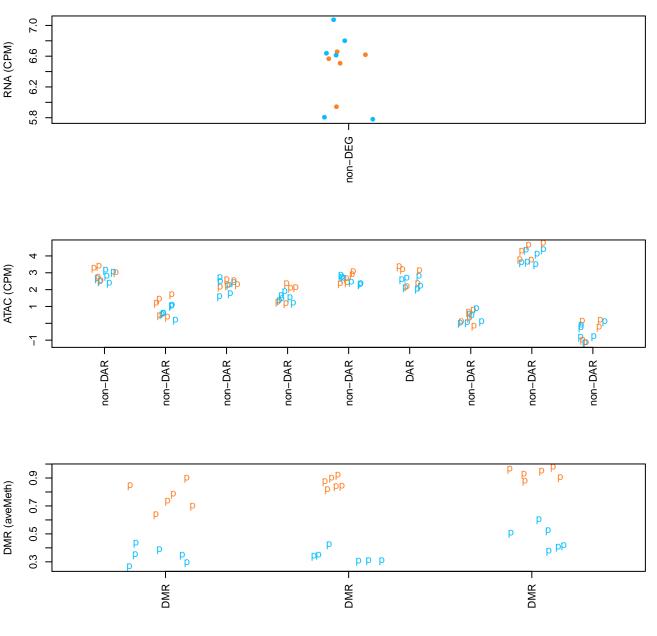
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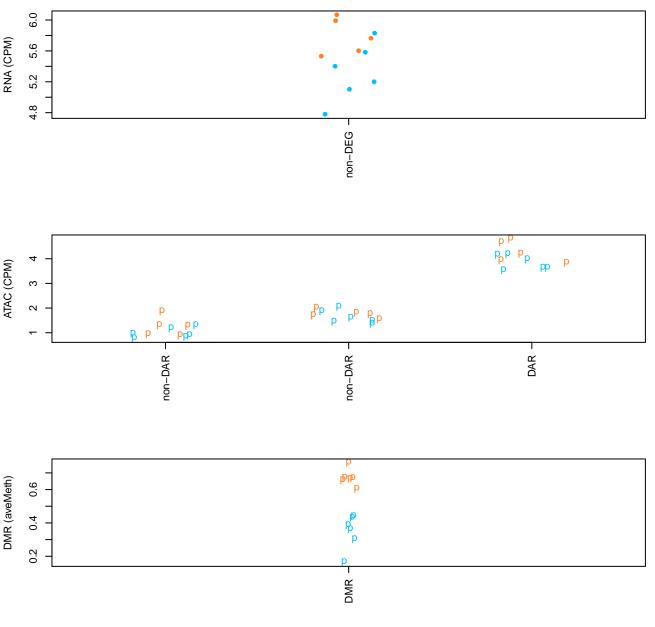
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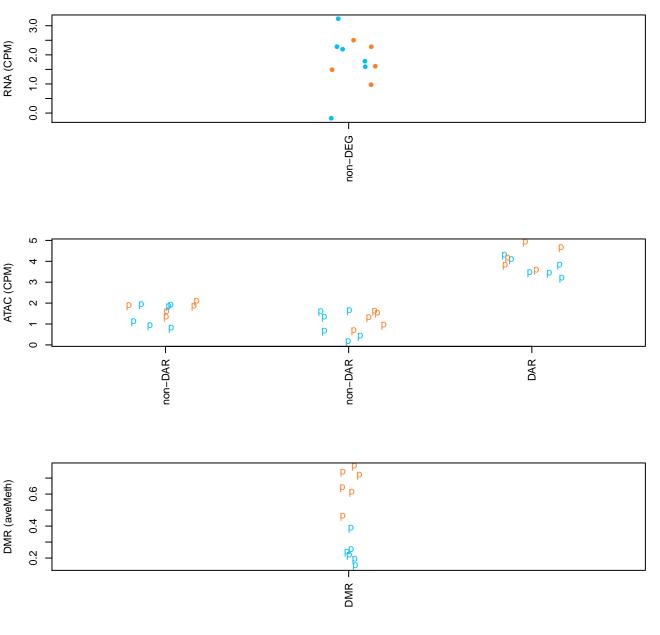
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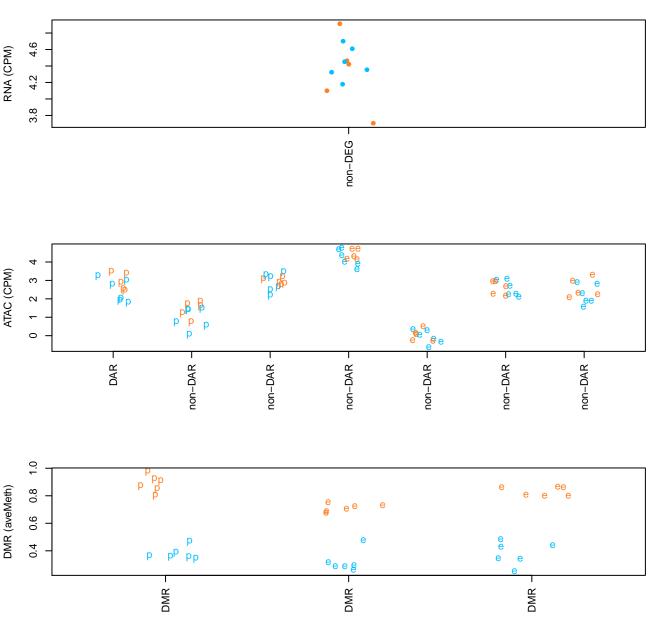
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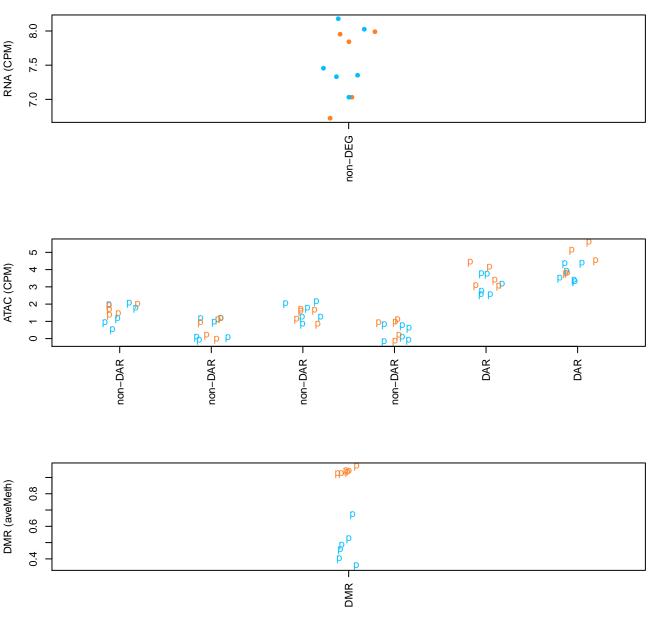
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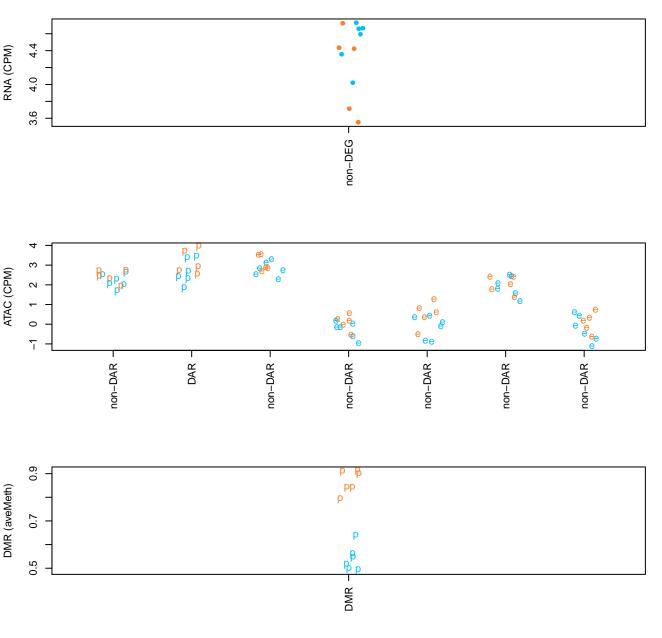
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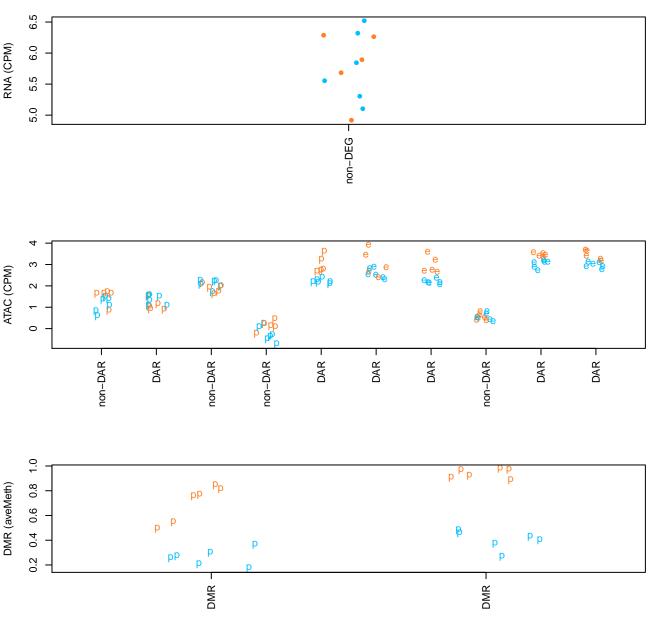
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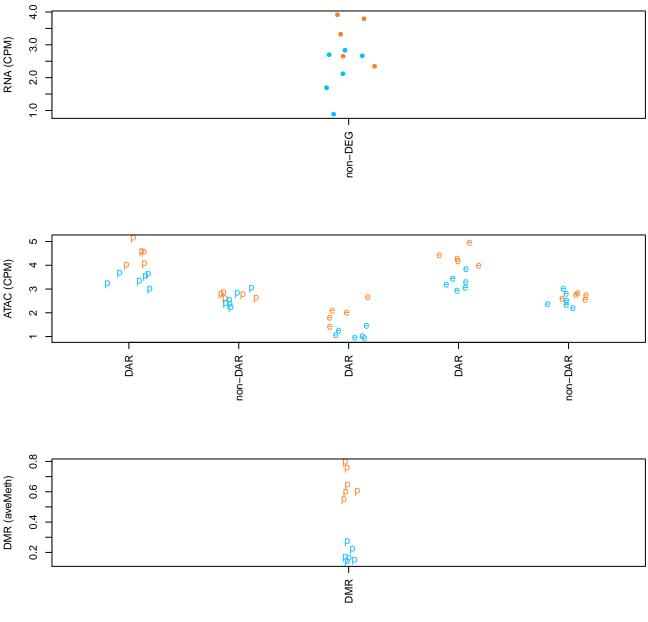
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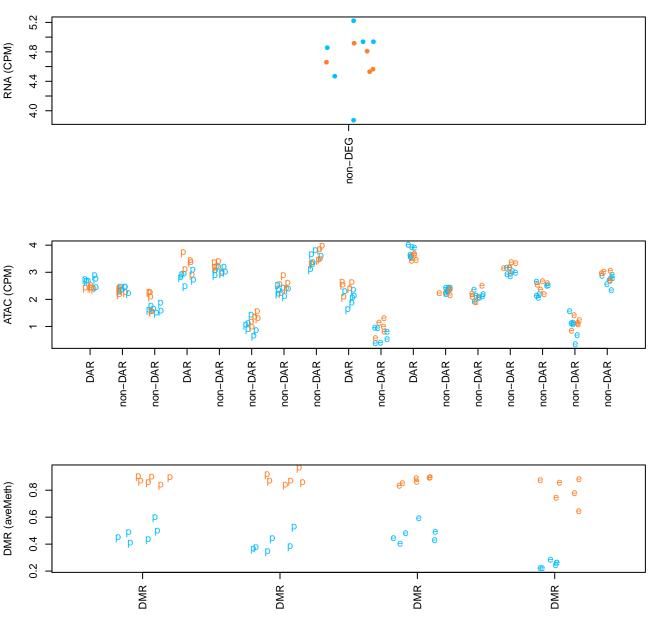
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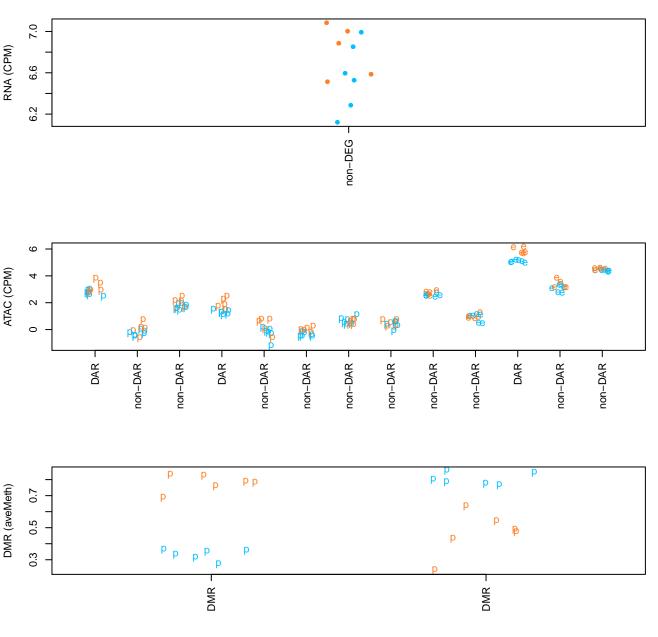
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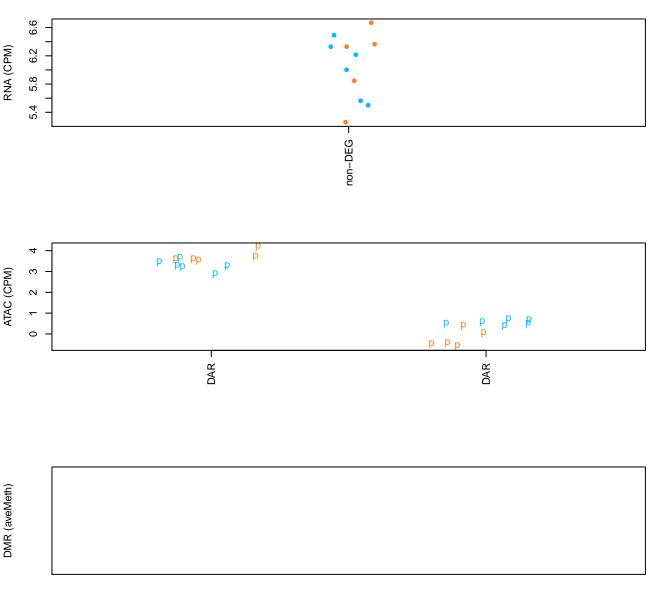
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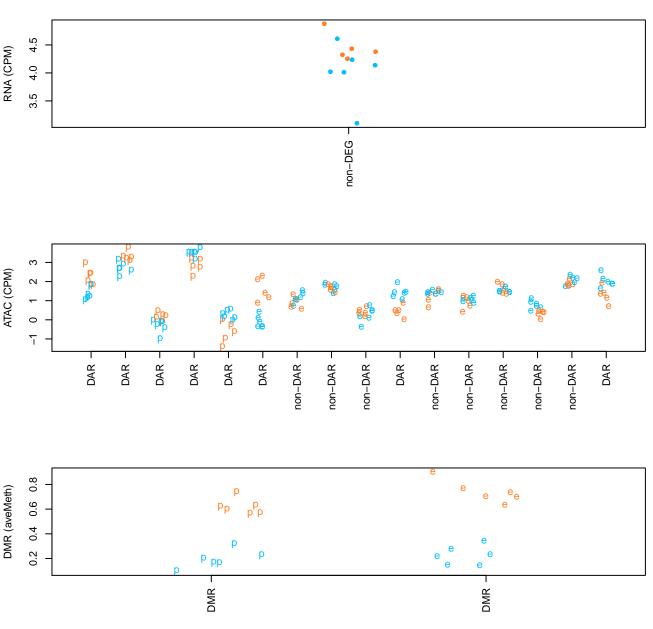
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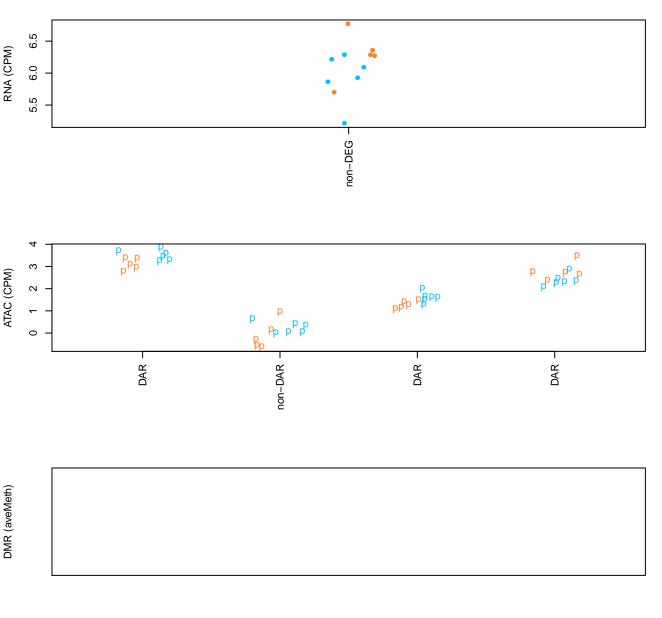
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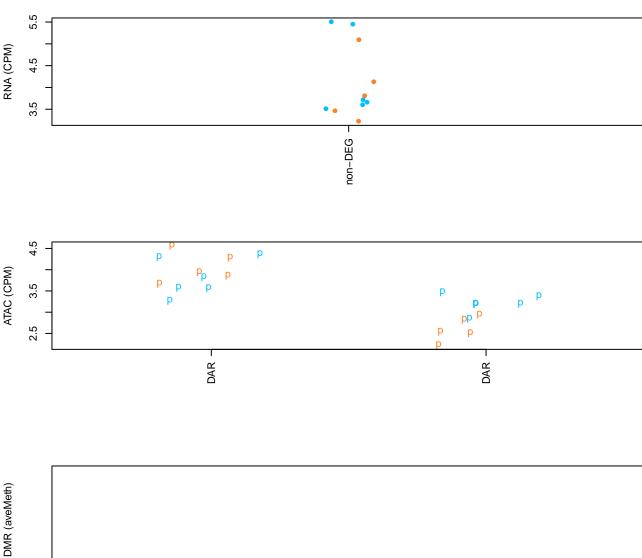
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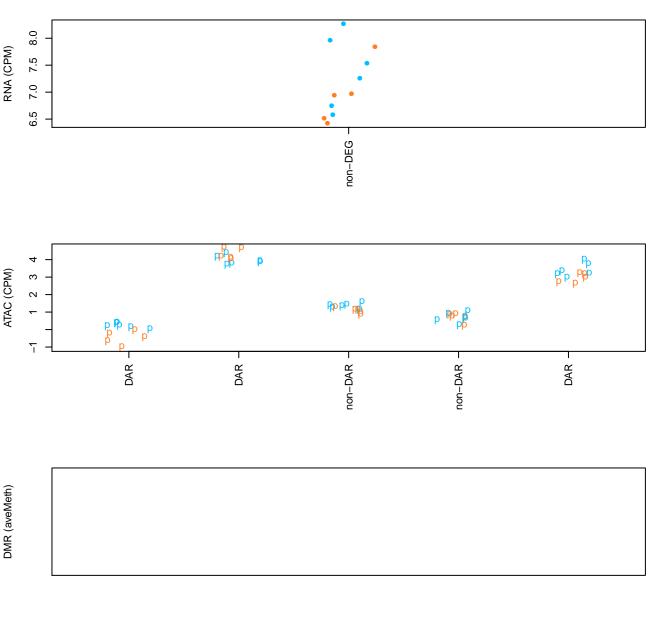
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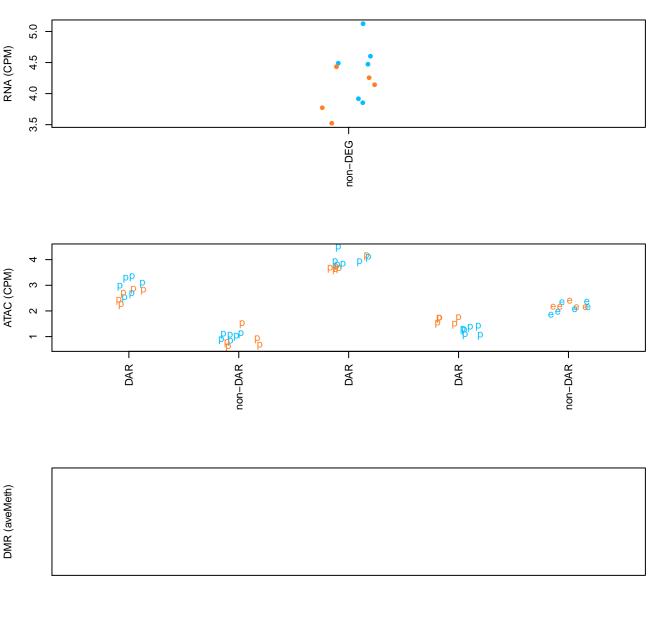
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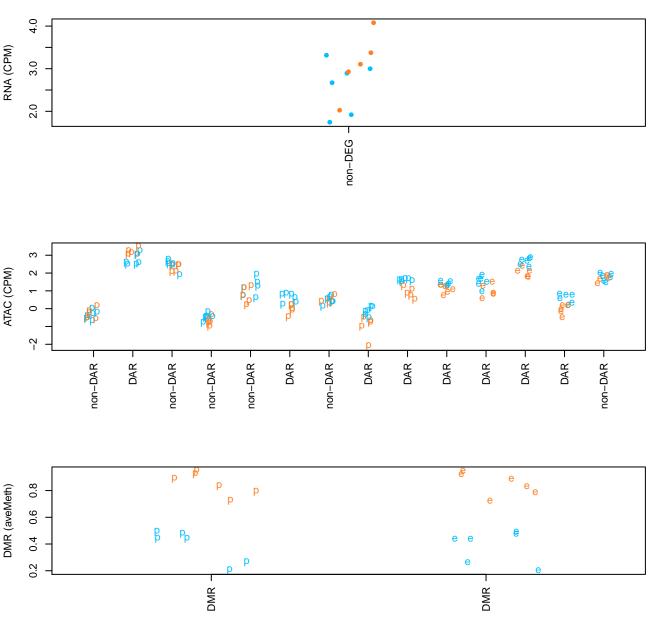
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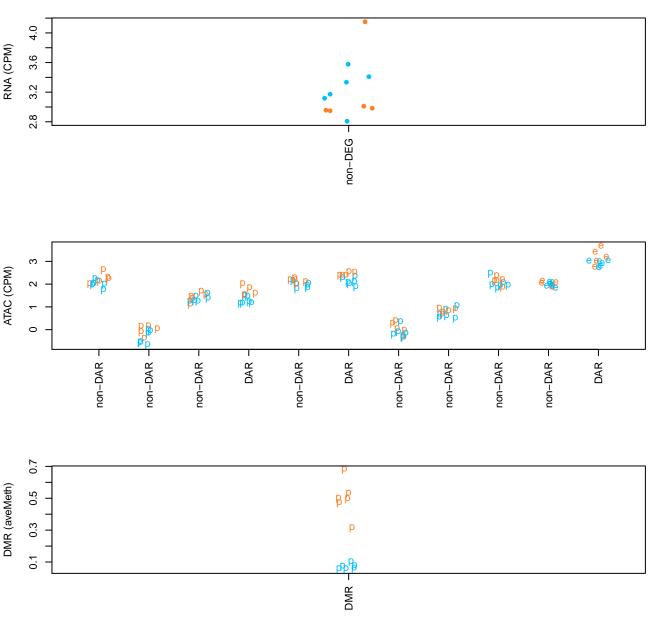
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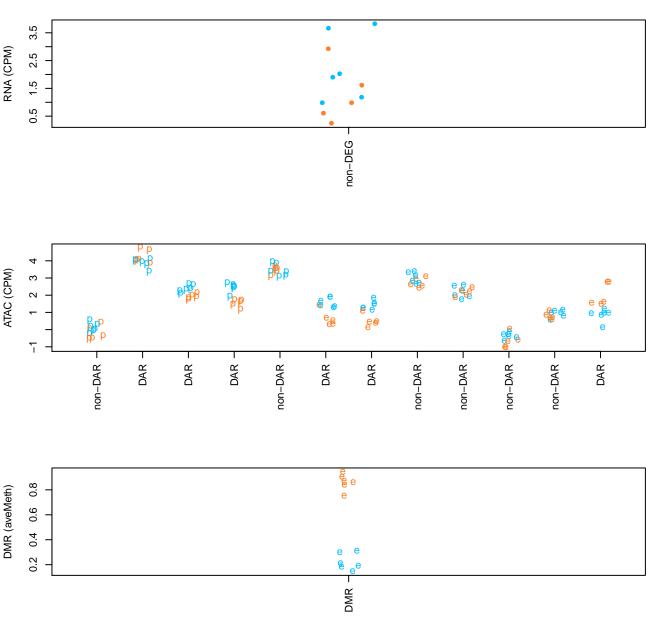
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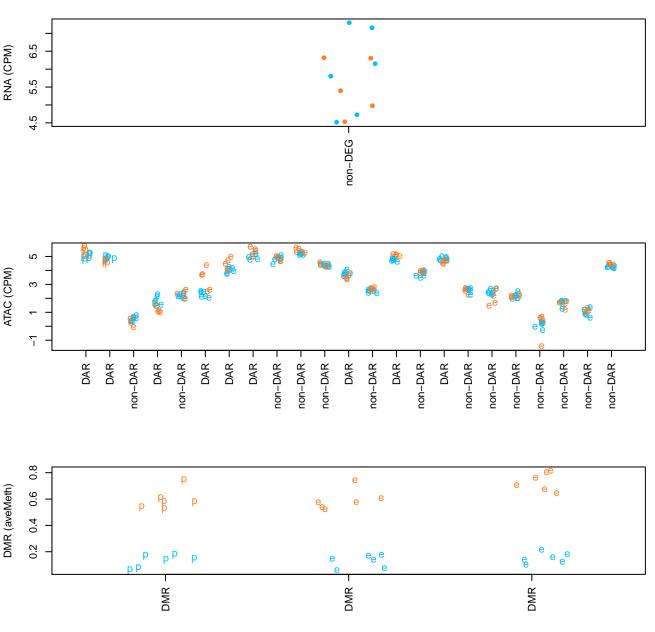


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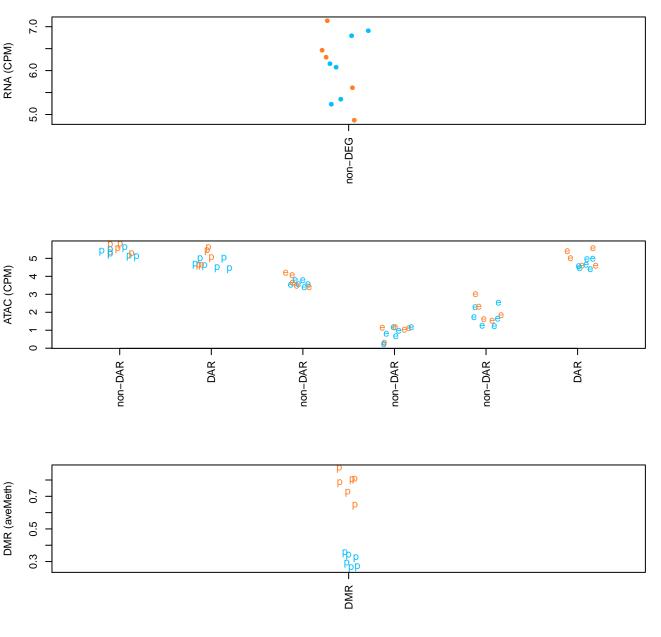


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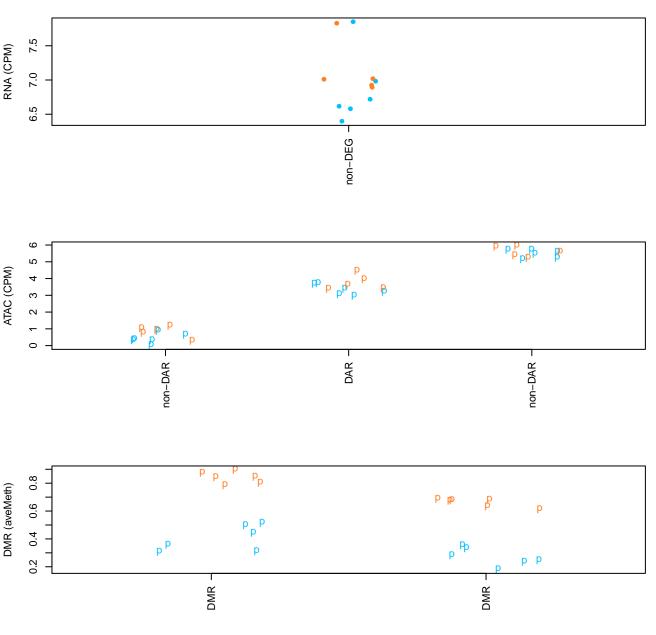


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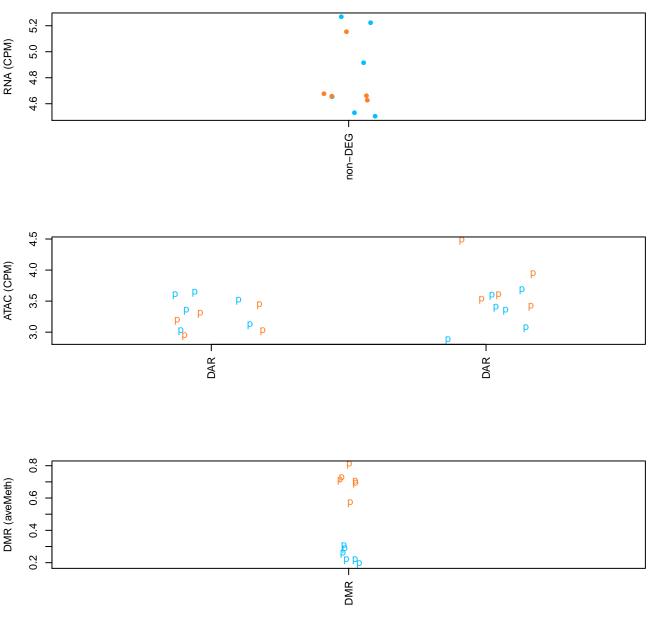


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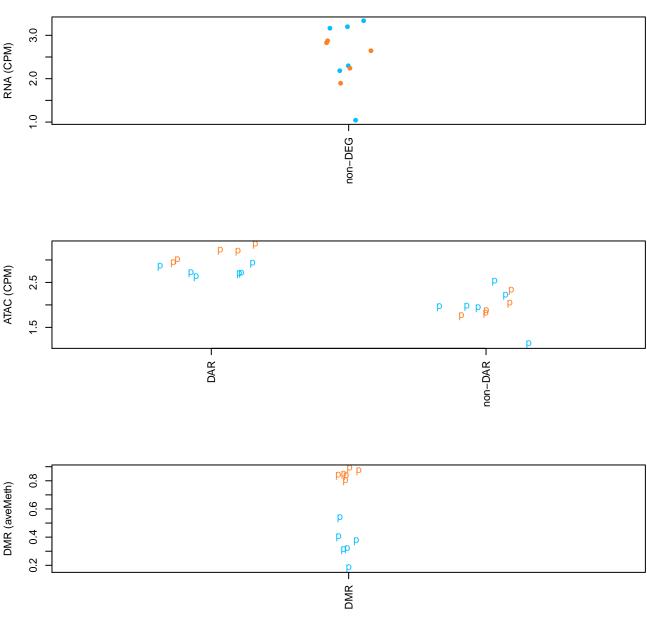
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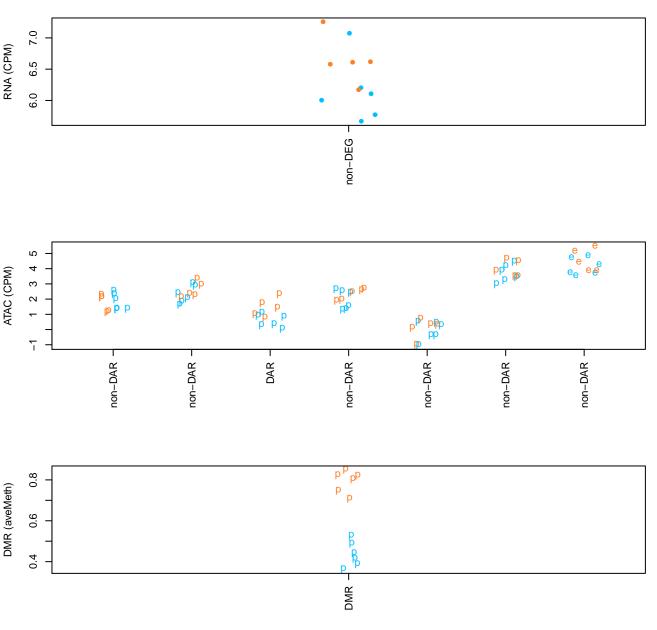
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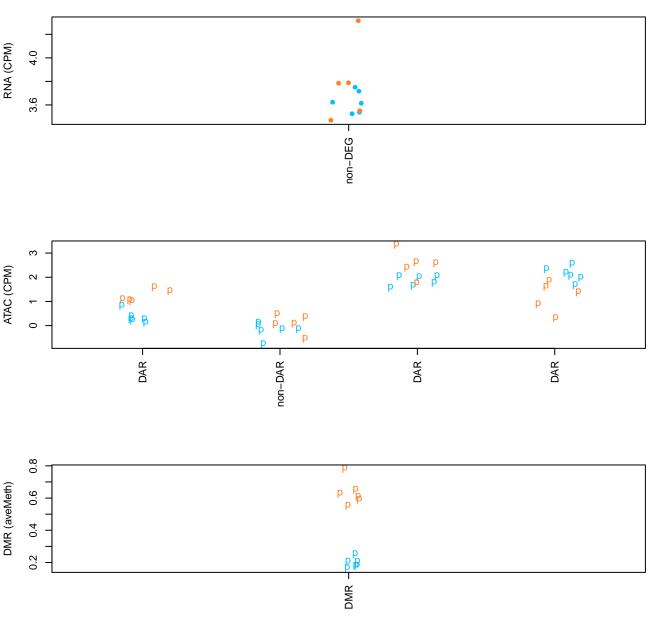
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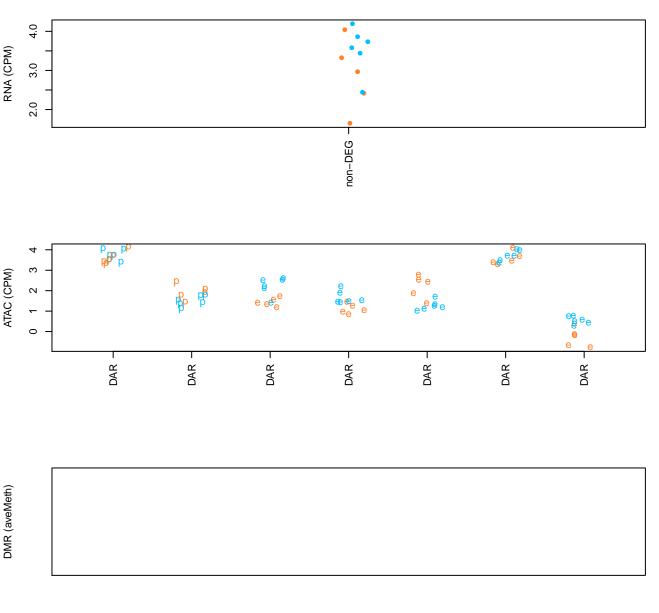
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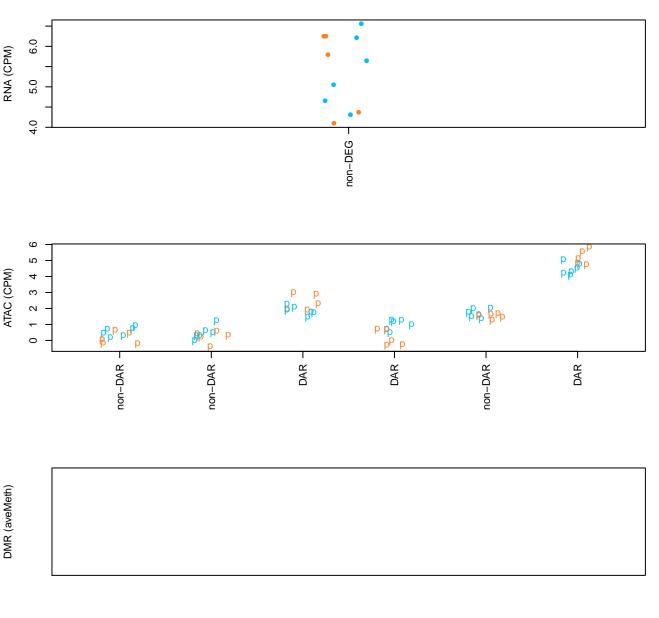
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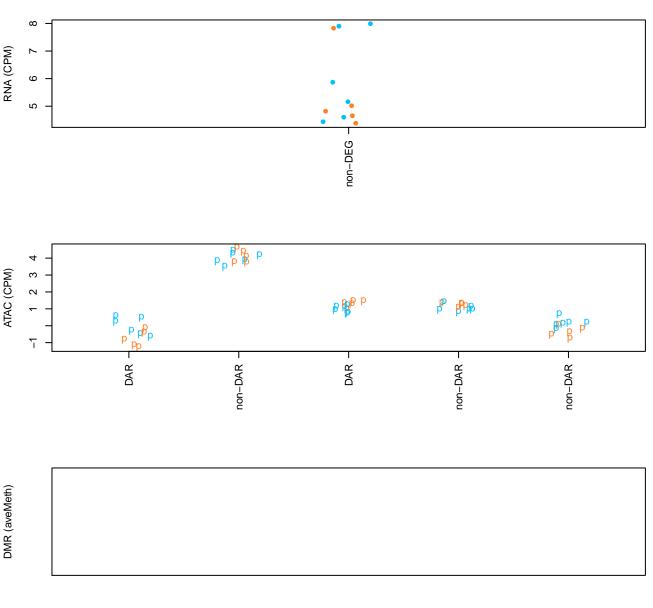
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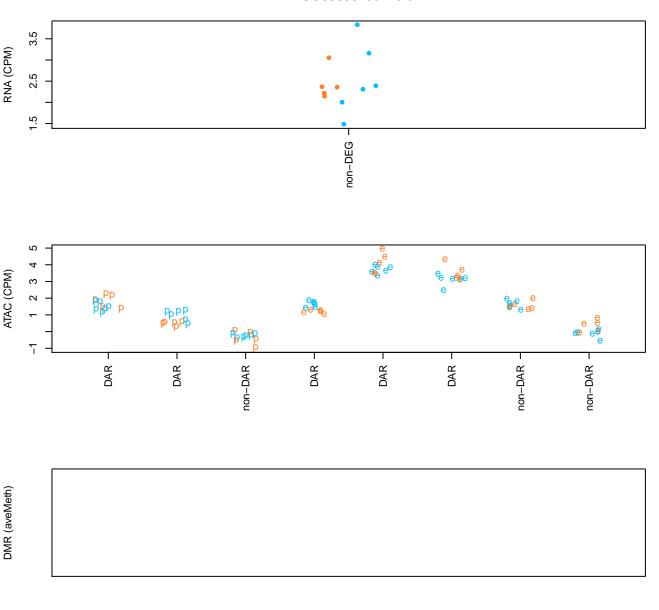


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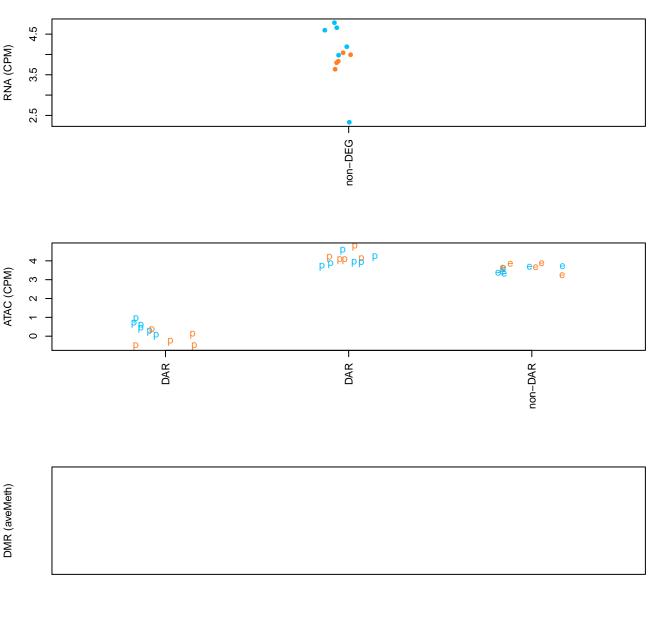


ENSG00000109618.7 3.5 RNA (CPM) 2.5 3.0 2.0 non-DEG 3.6 ATAC (CPM) 3.2 p p 2.8 2.4 DAR 0.8 0.9 DMR (aveMeth) 0.7 DMR -

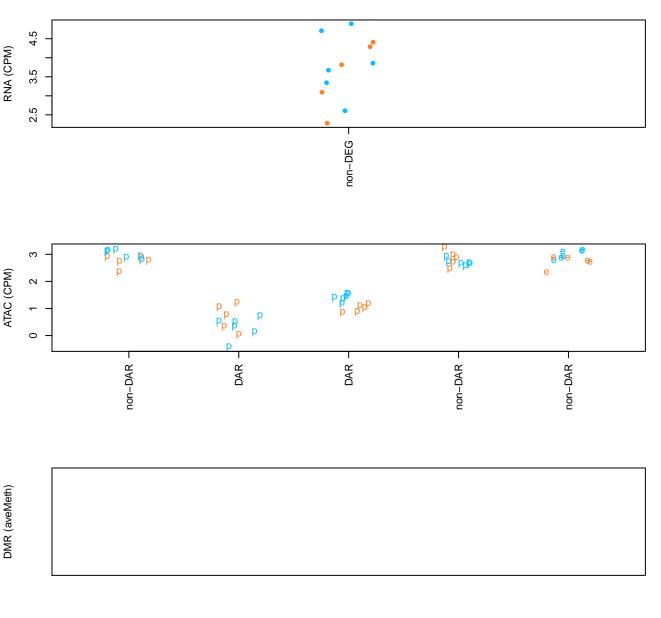
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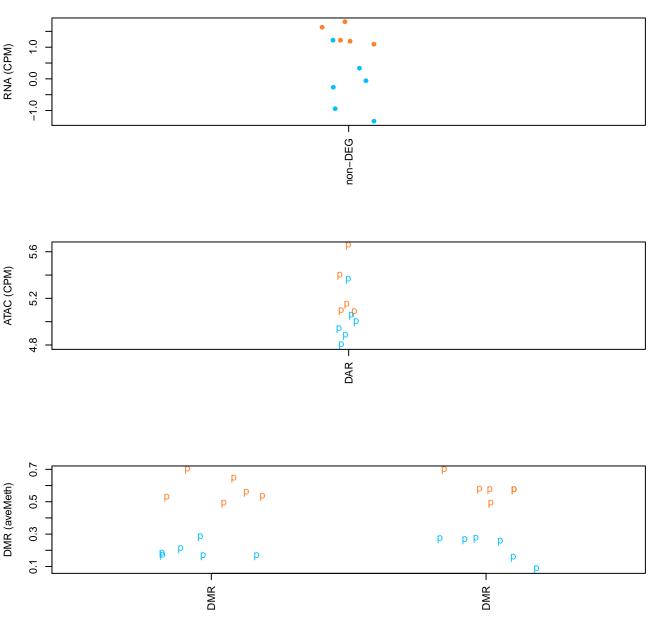
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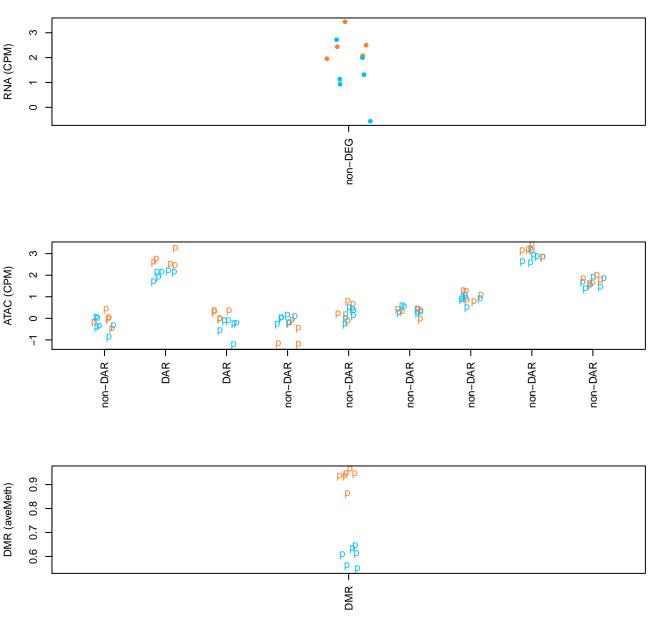
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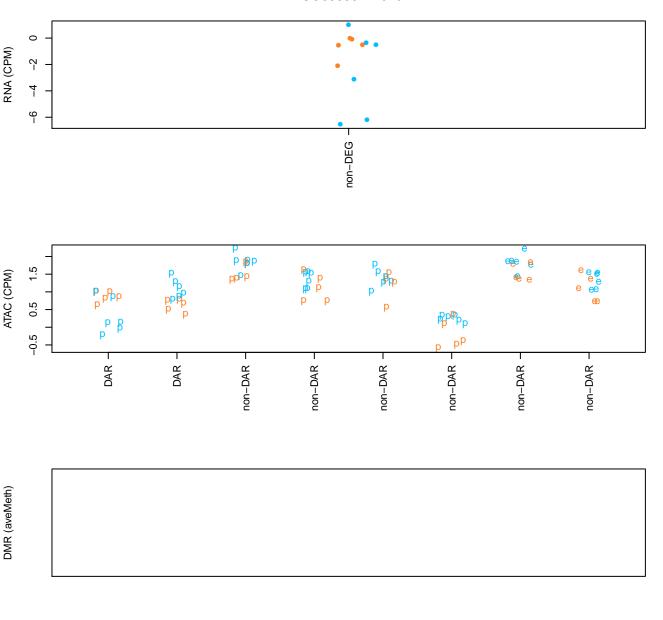
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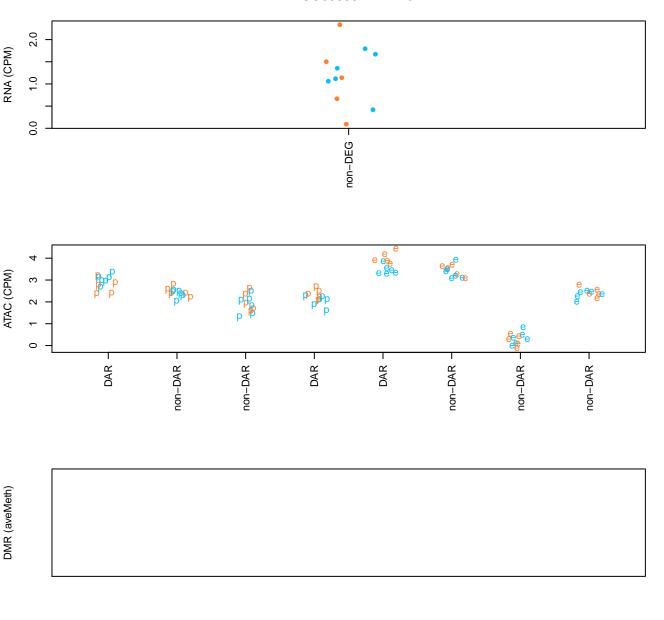
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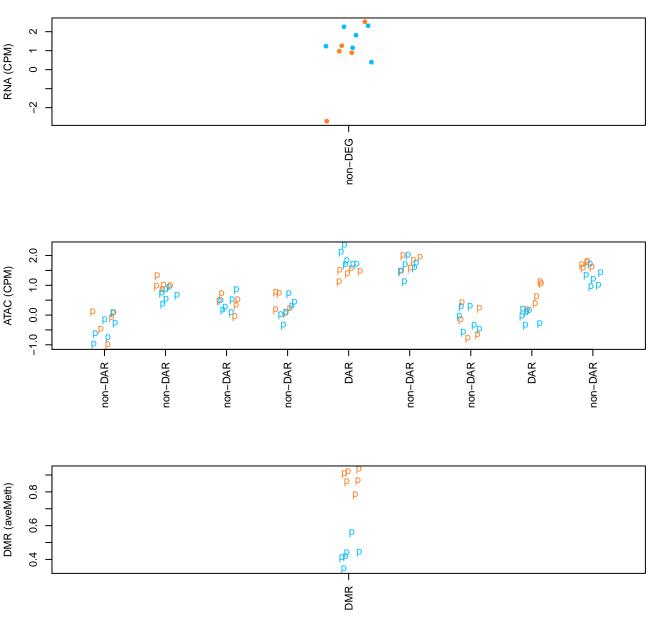
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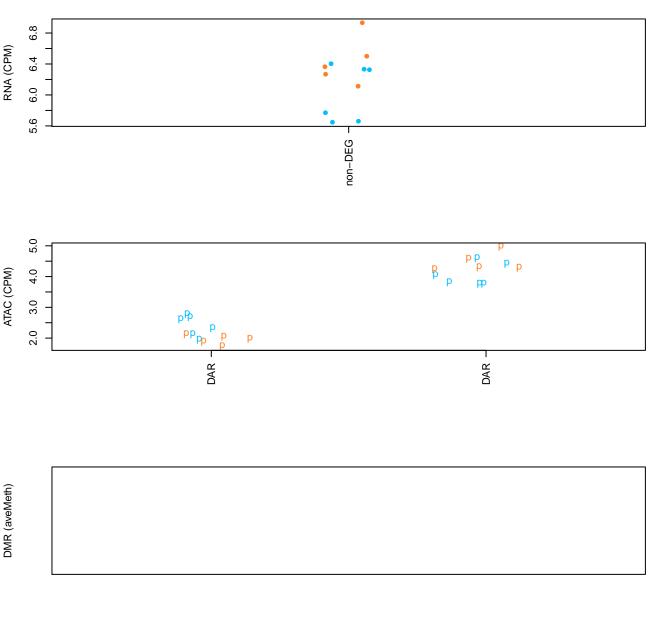
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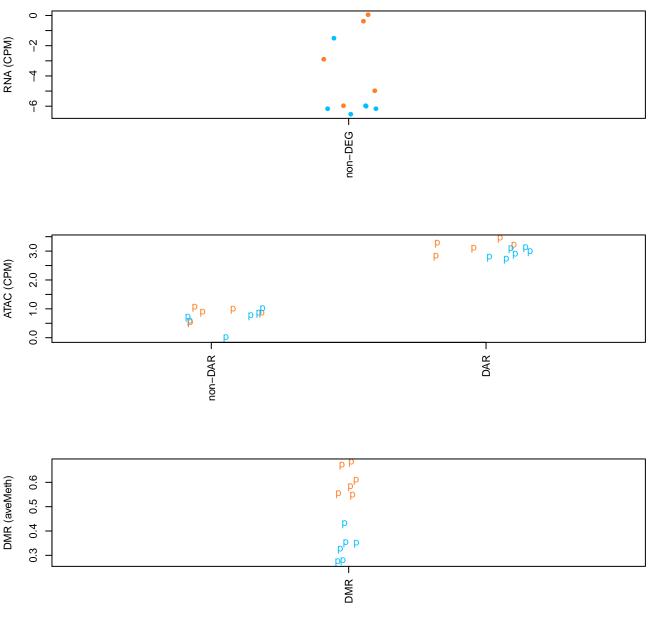


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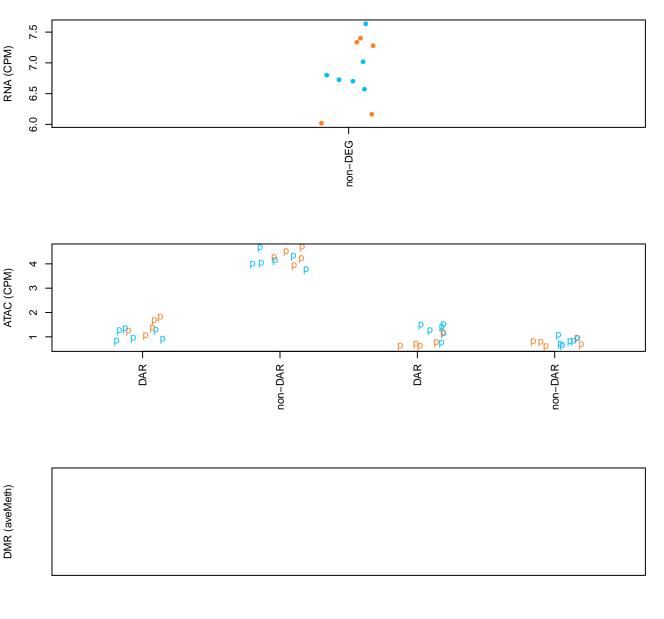


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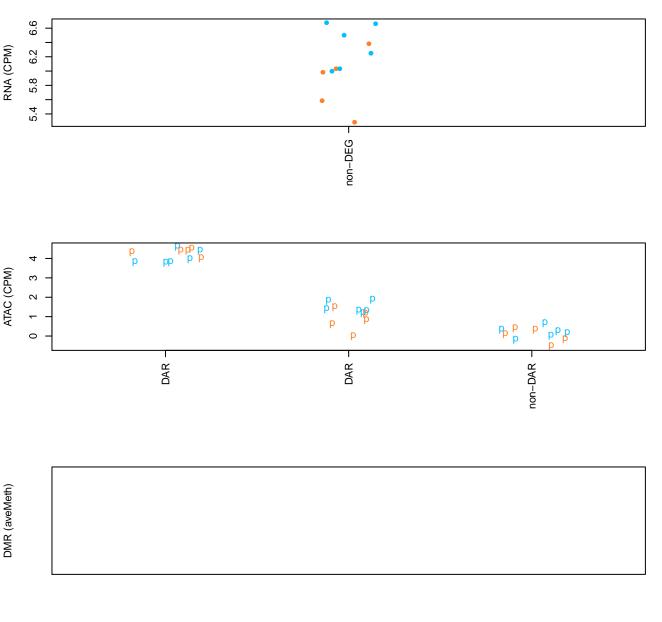
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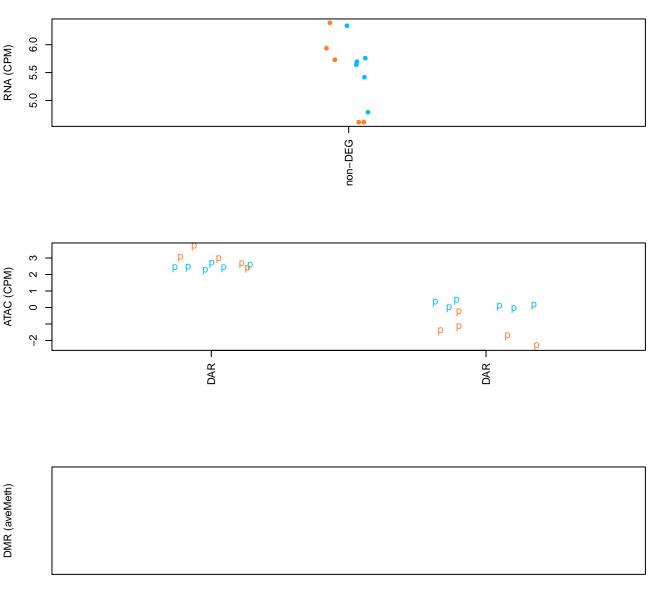
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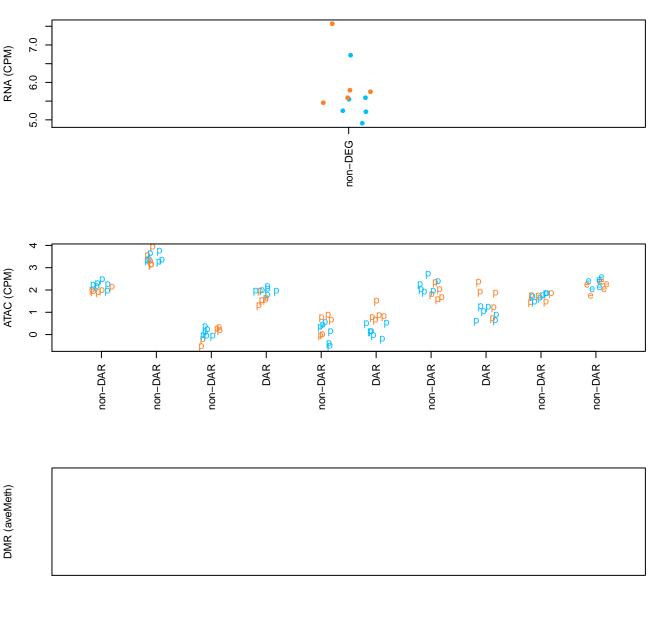


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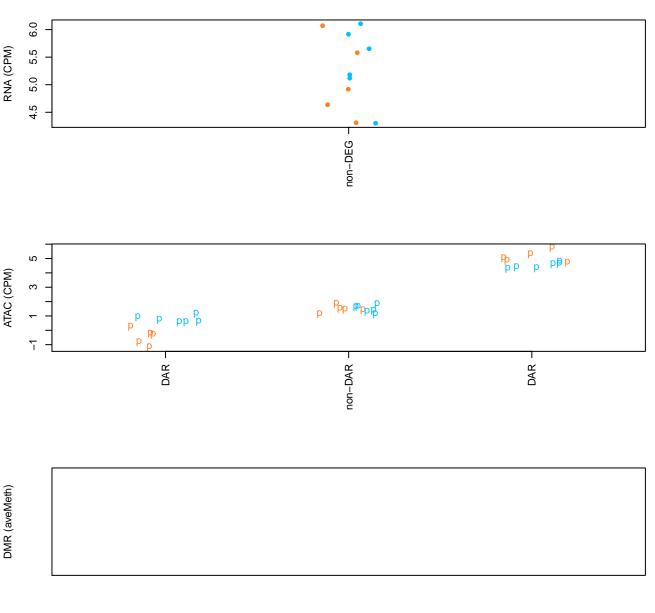


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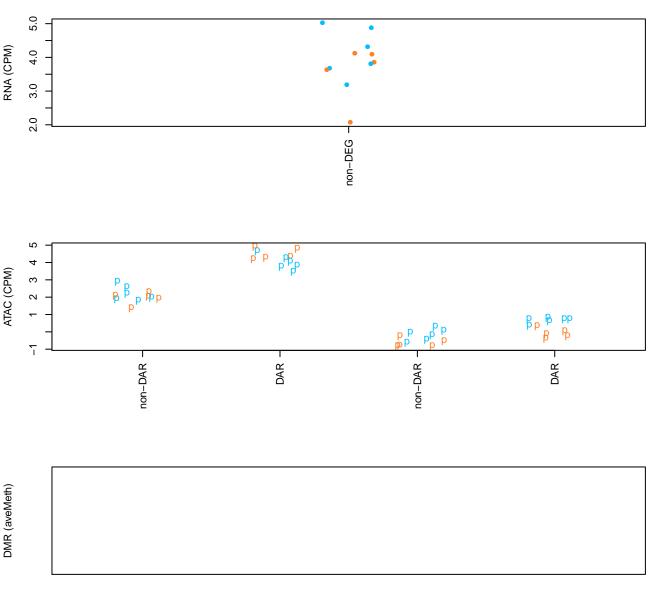
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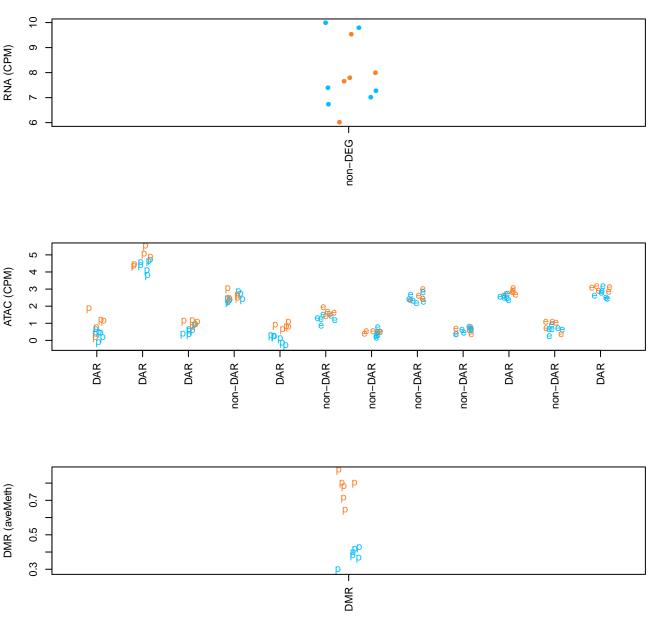
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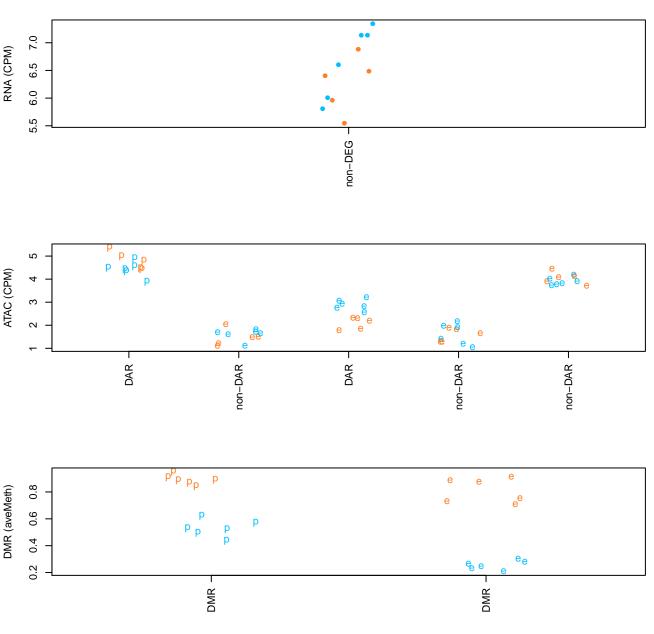
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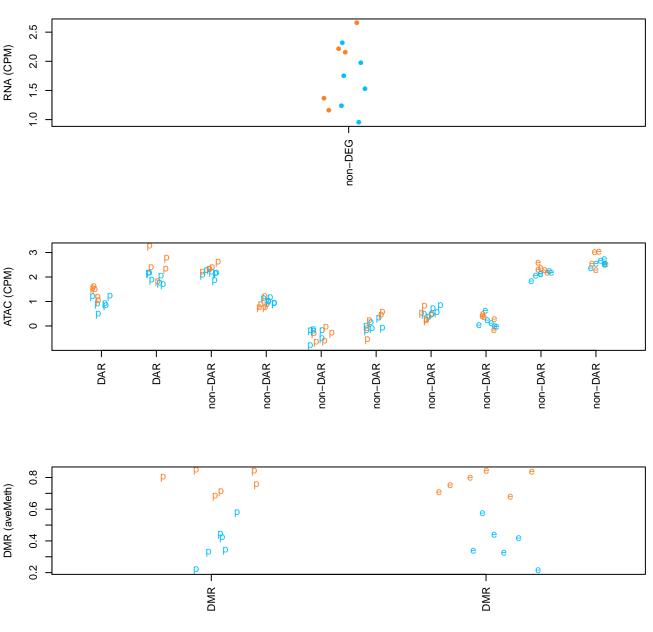
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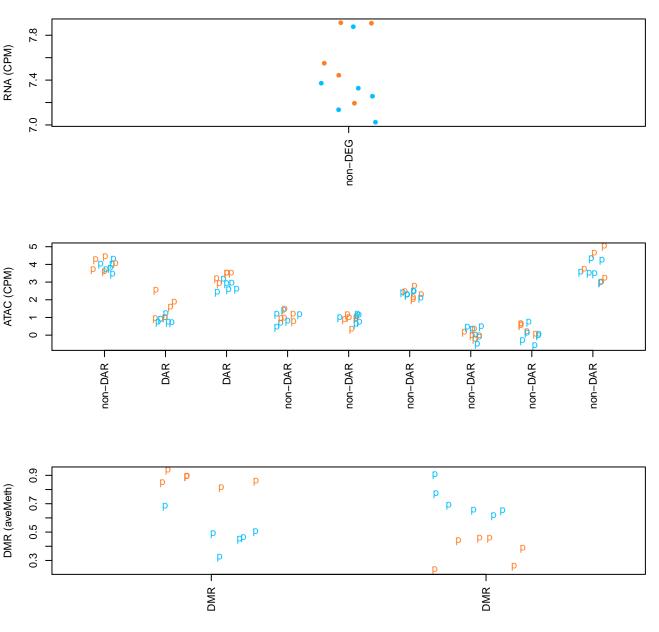
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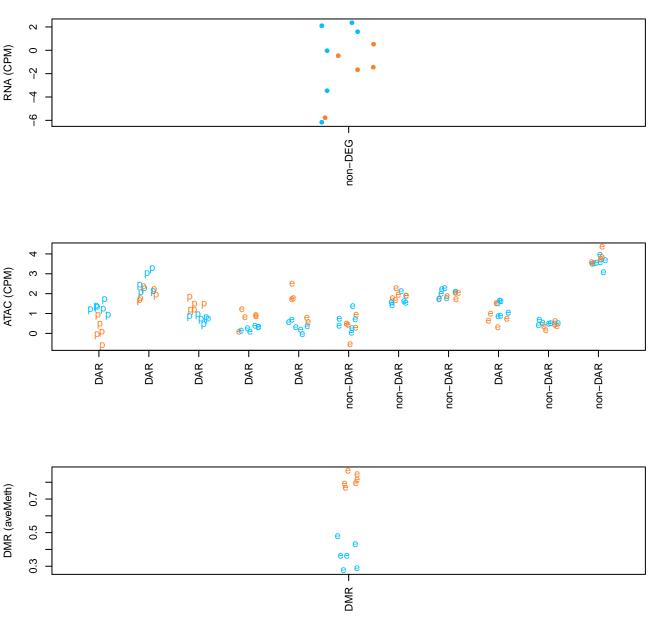
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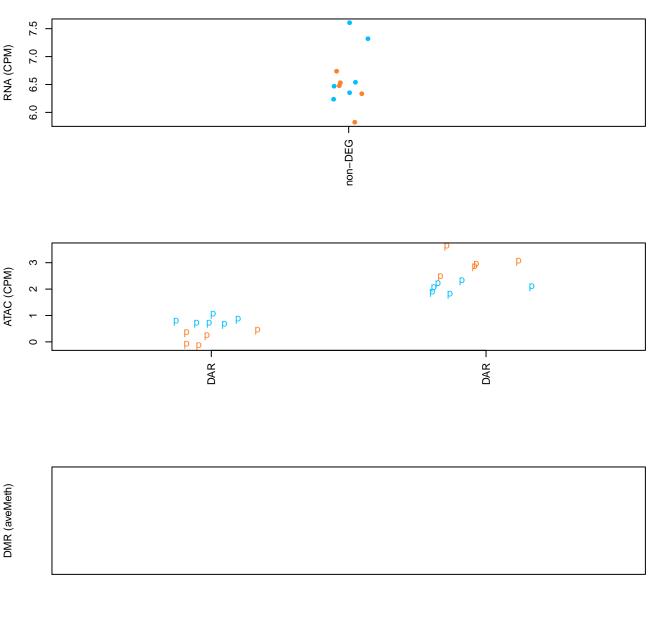
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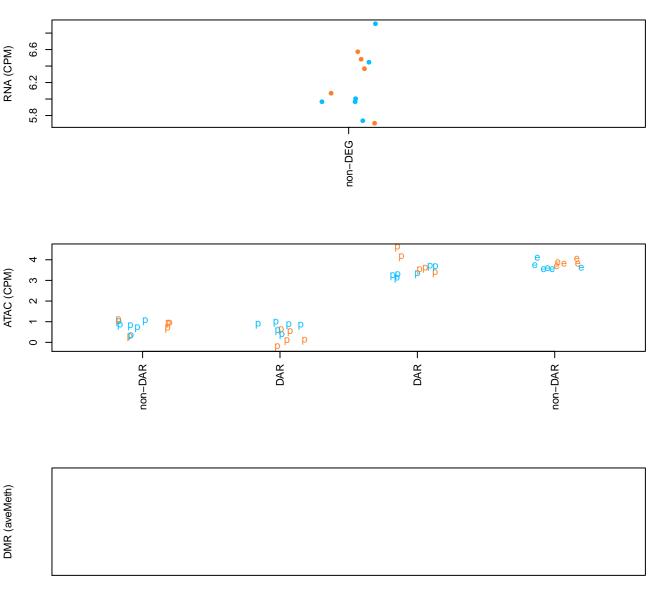
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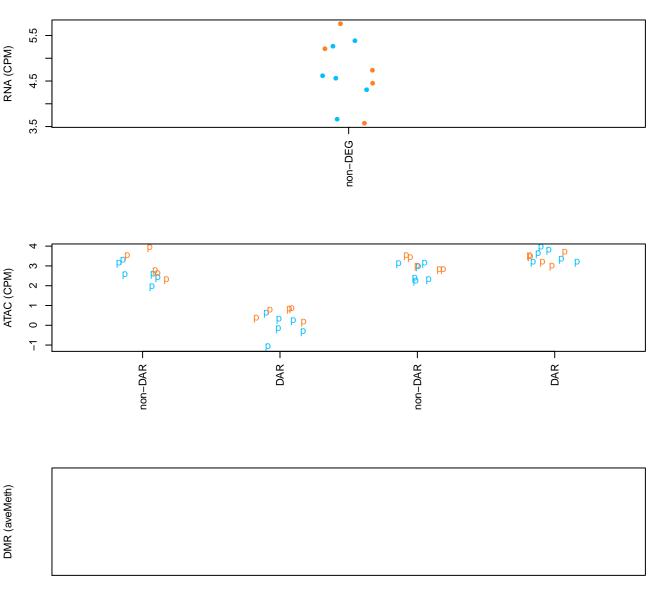
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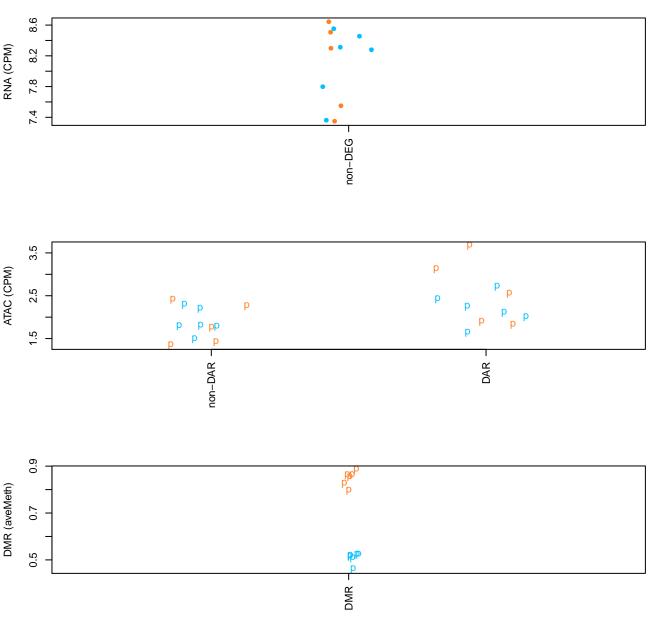
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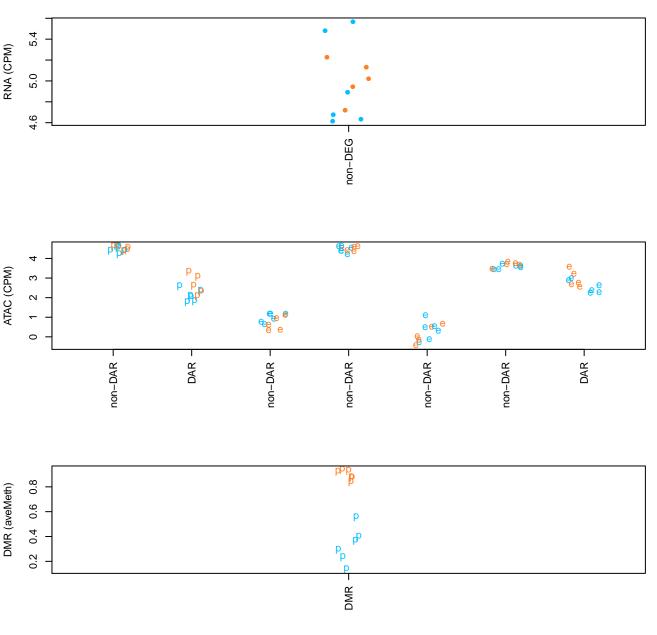
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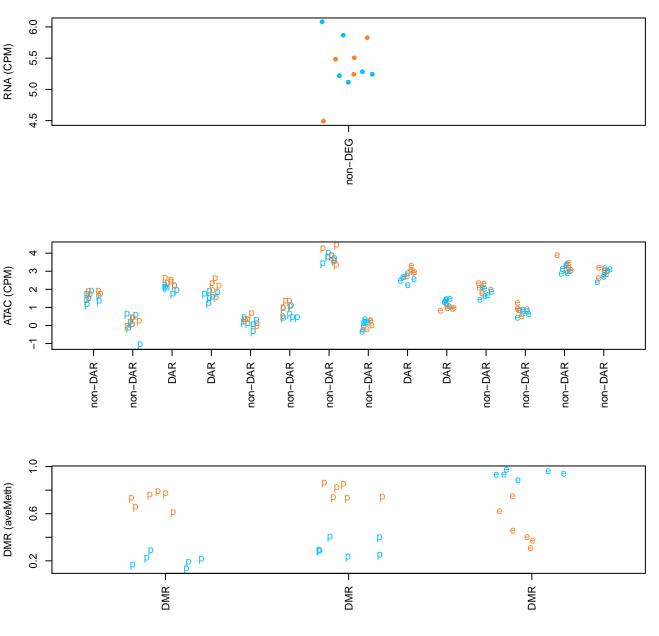
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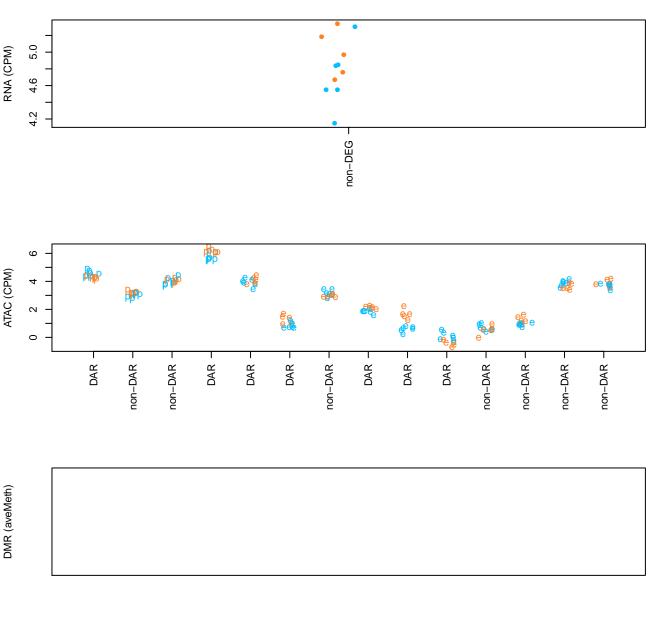
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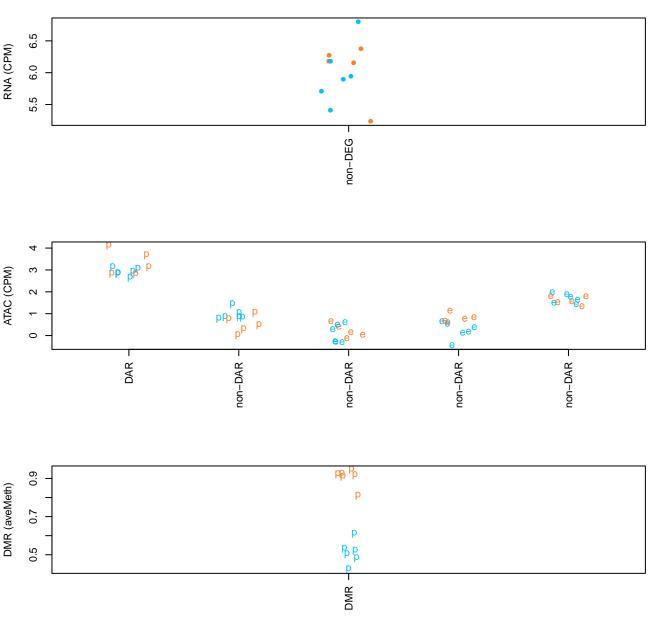
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ENSG00000120088.10 5.0 4.5 RNA (CPM) 3.5 4.0 3.0 non-DEG p p ββ Ppppp ATAC (CPM) က ₽ p 0 0 0 0 0 0 0 N 0 DAR non-DAR -DAR non-DAR non-DAR non-DAR non-DAR non-DAR e_e e_e рβ p DMR (aveMeth) 9.0 0.4

р р p

DMR

0.2

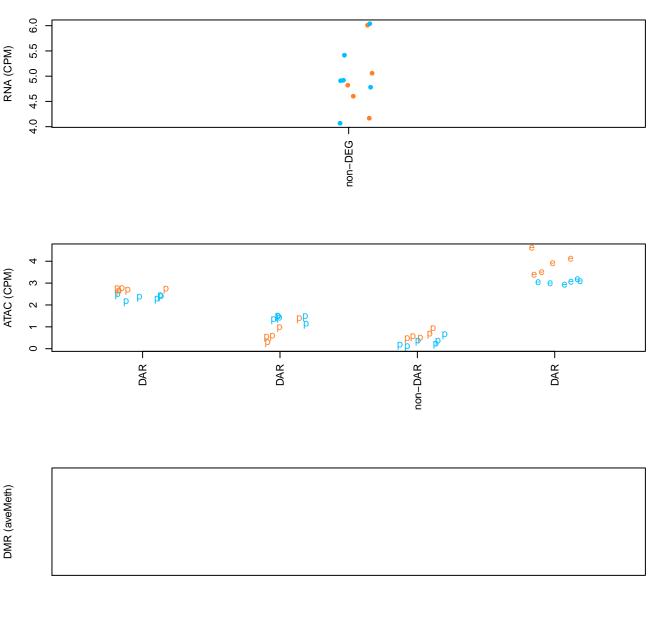
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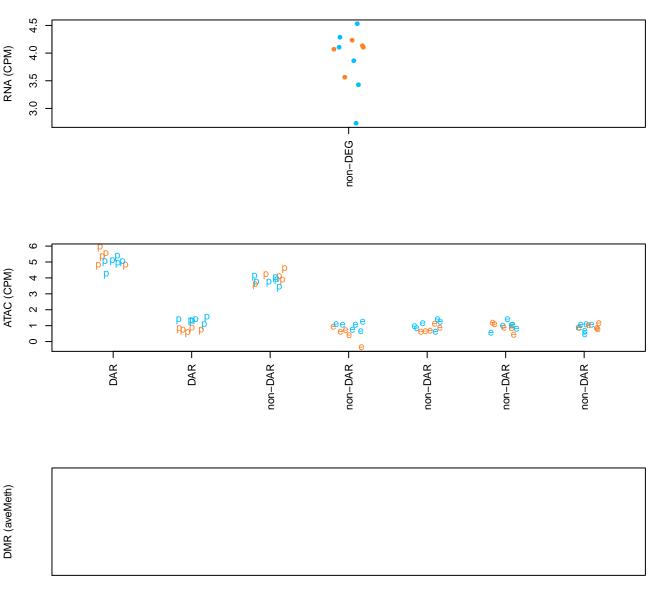
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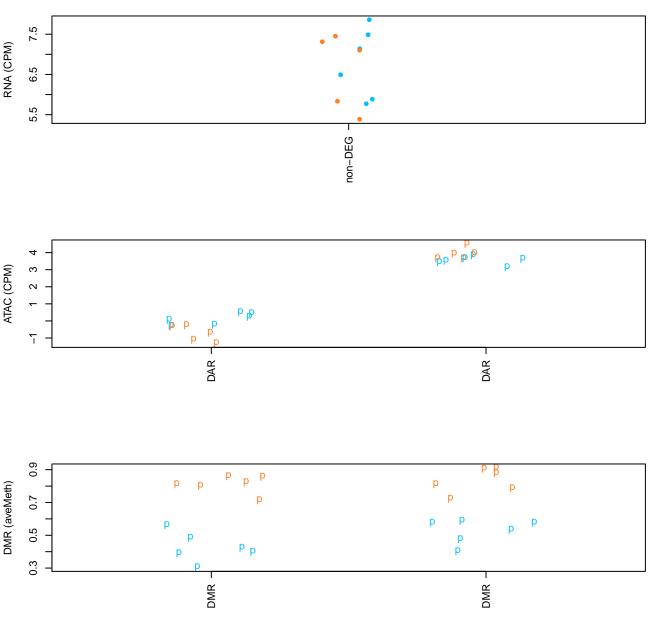
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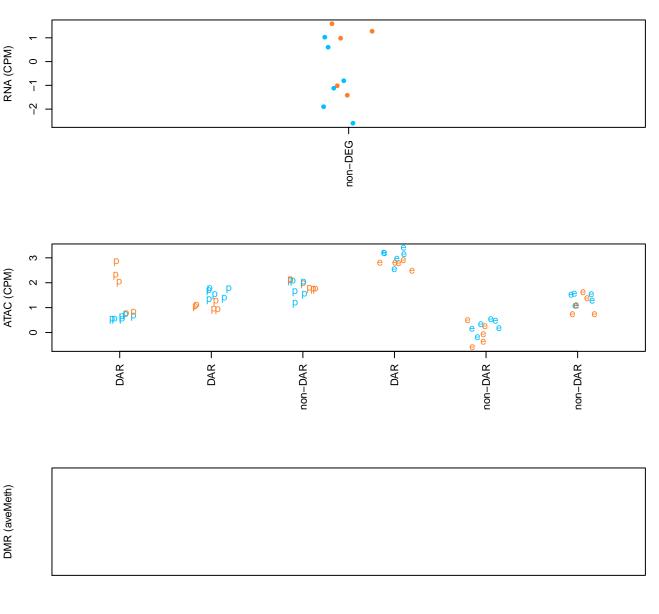
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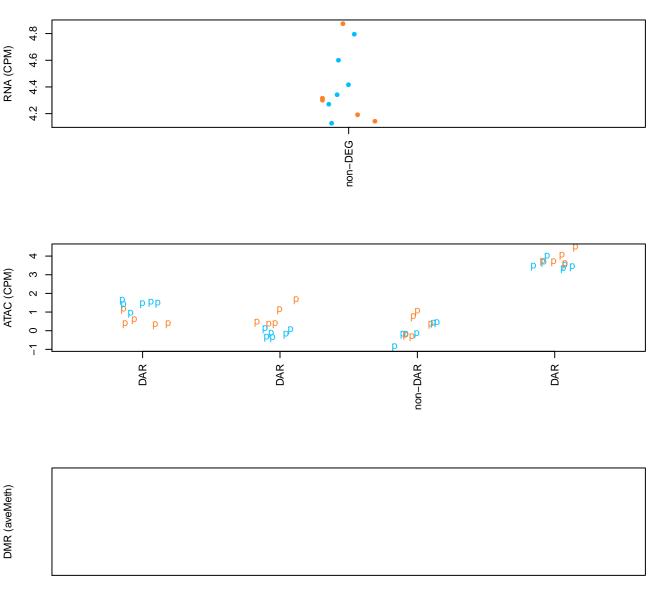
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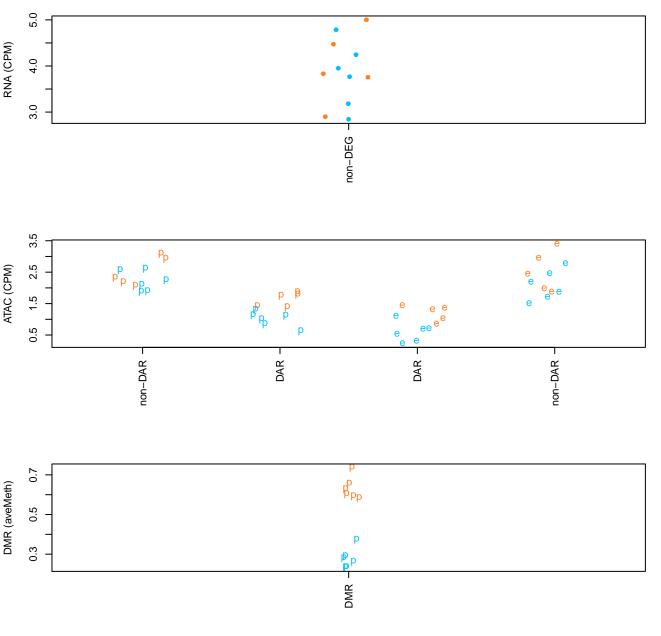
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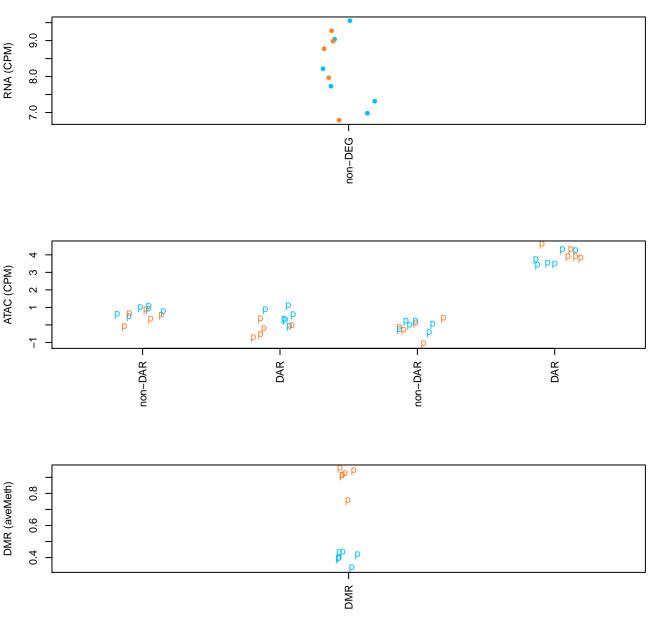
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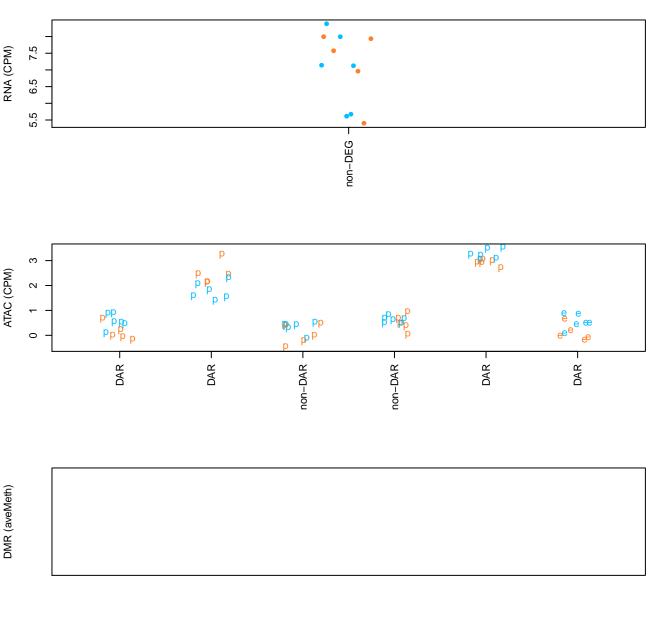
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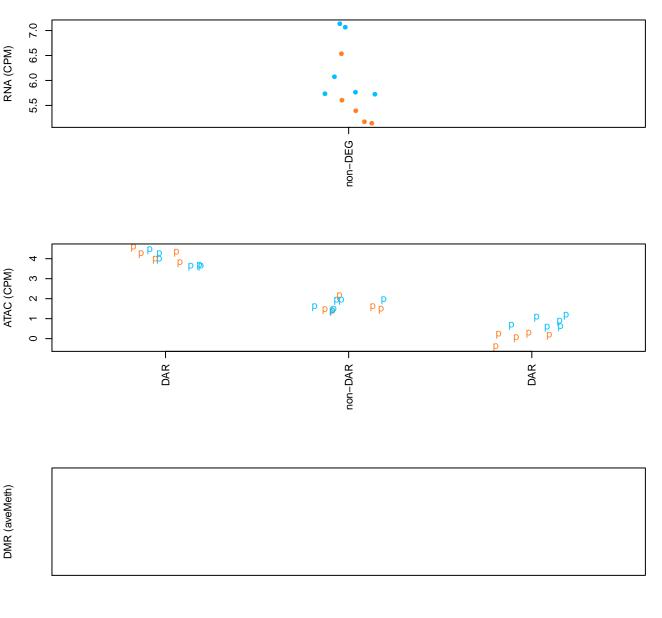
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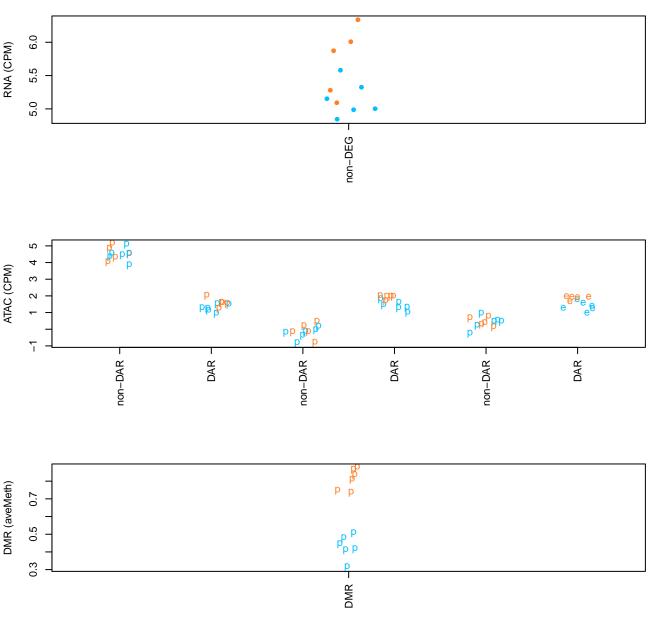
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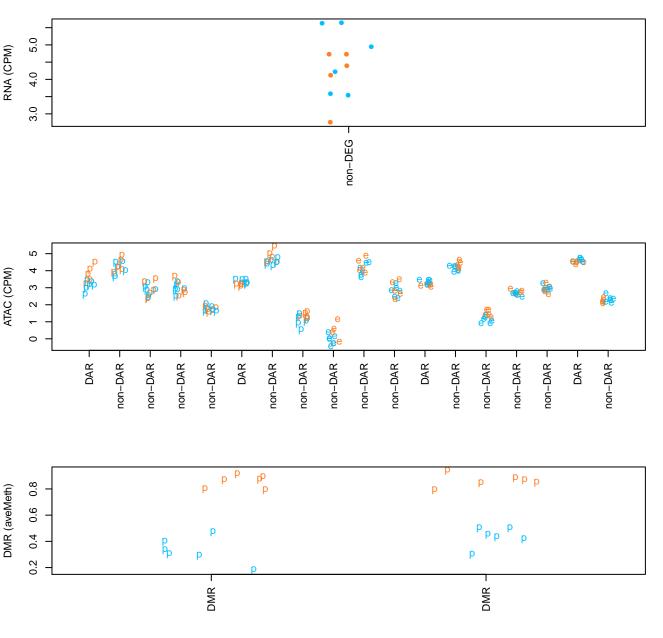
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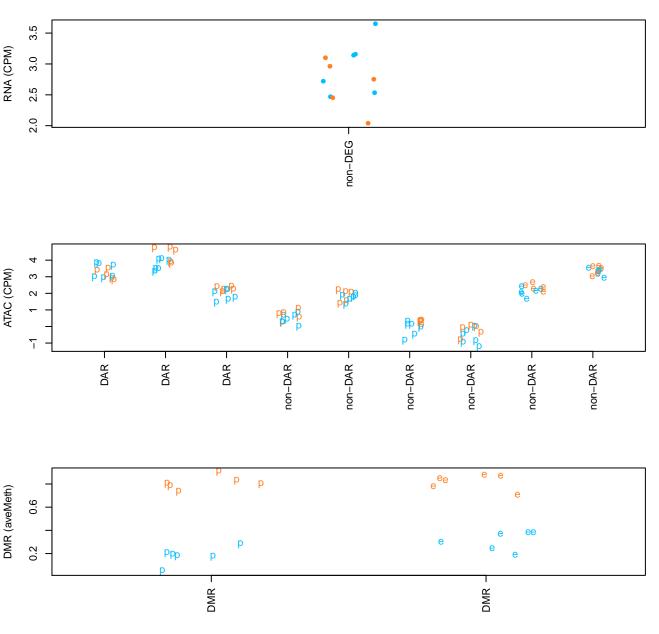
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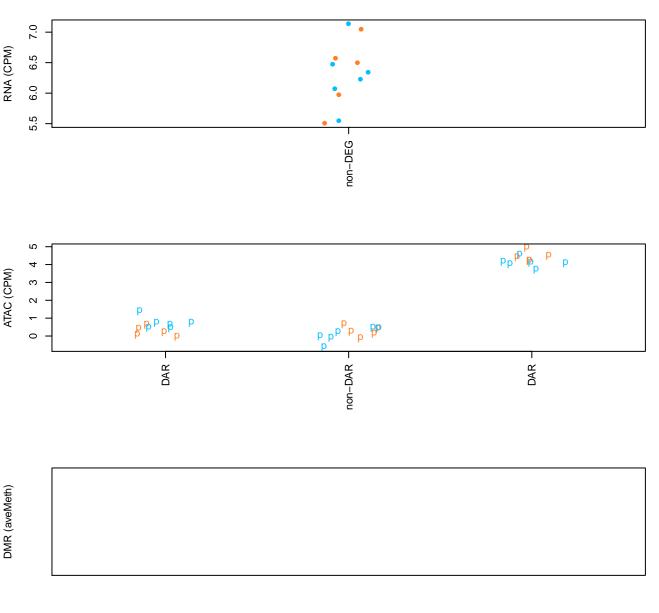
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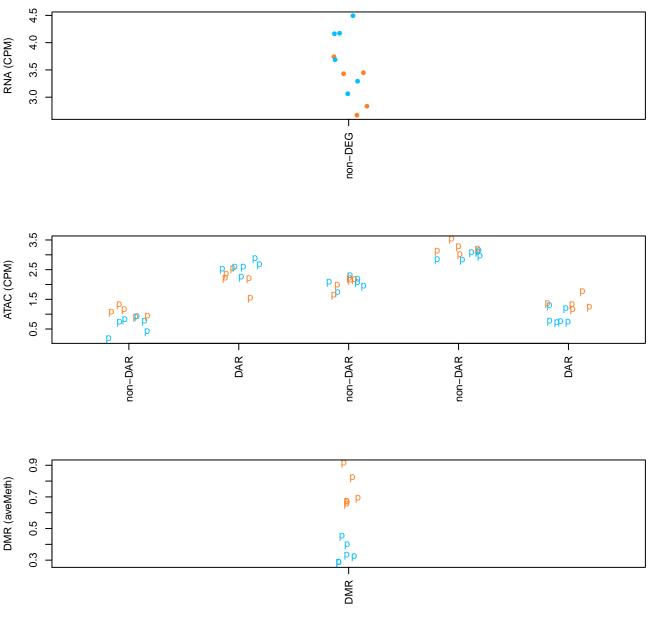
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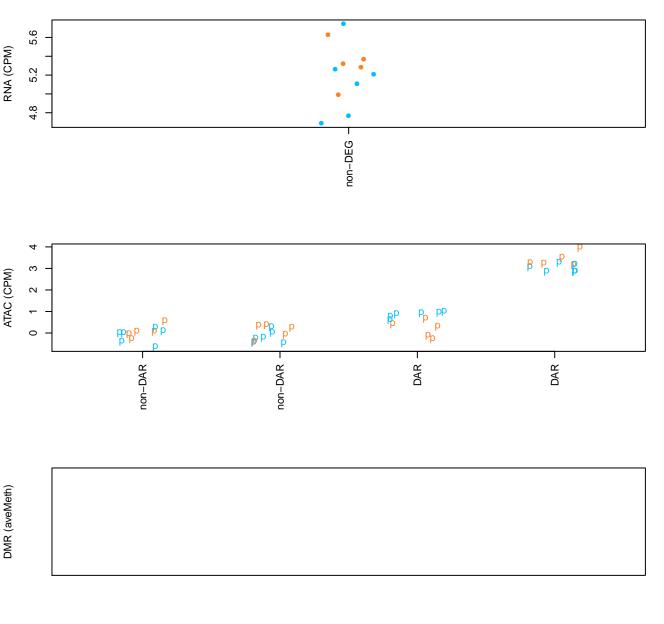
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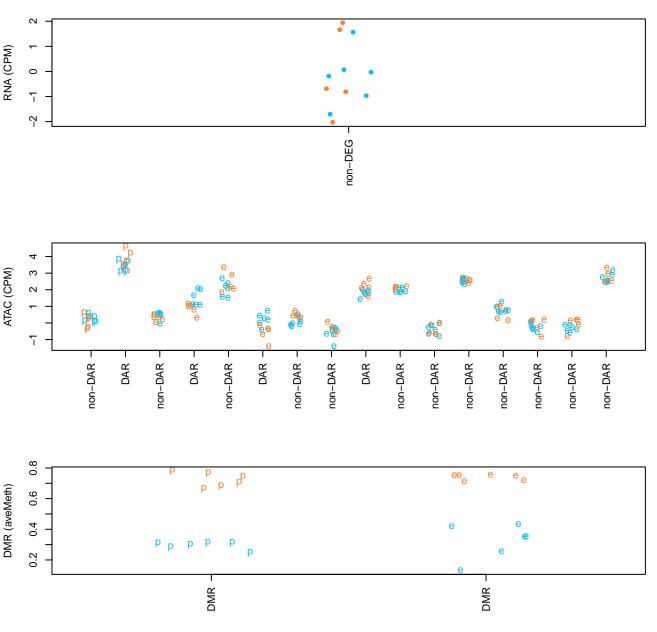
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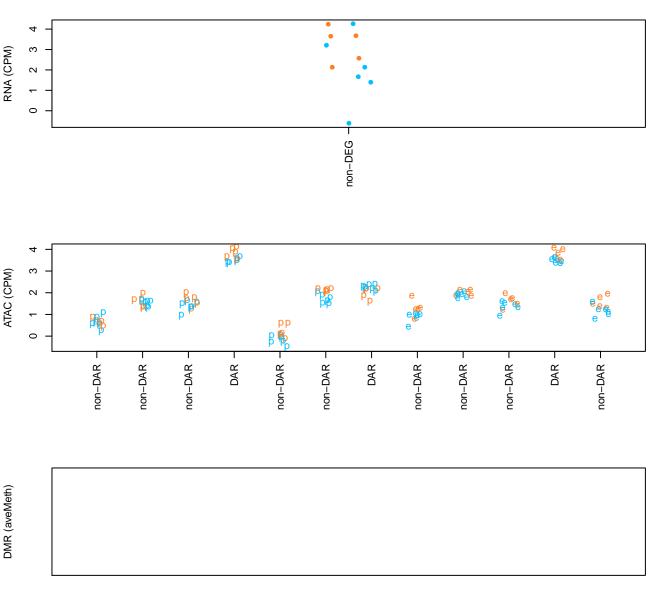
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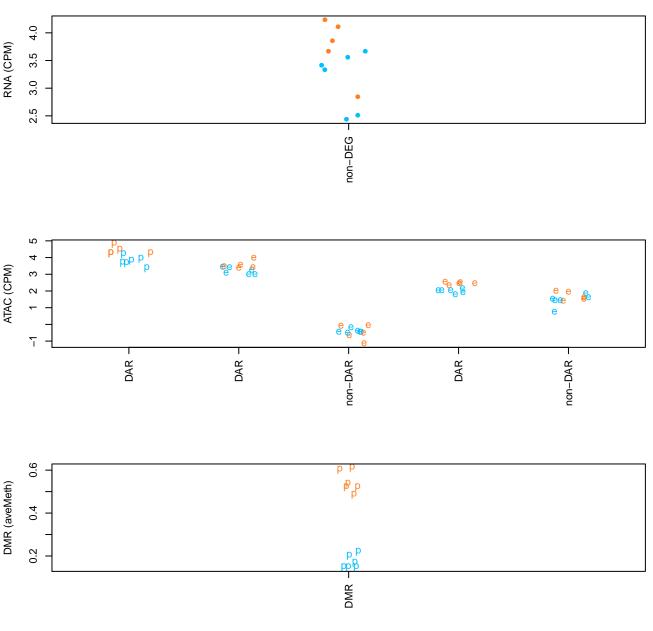
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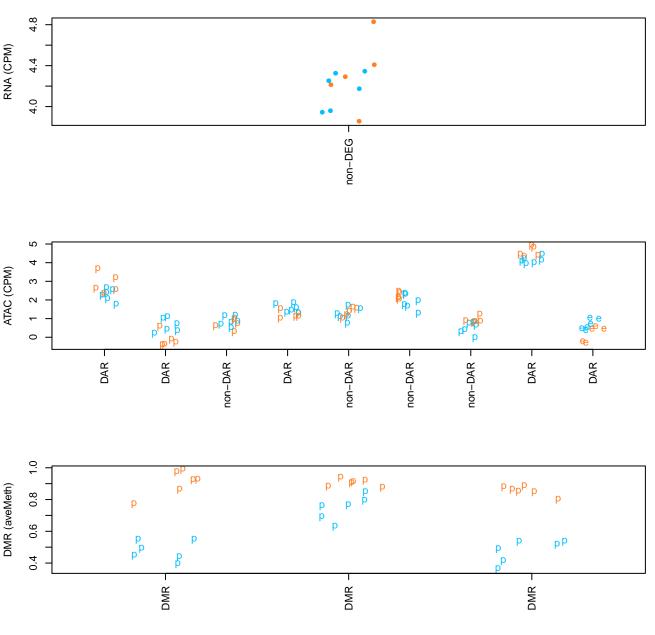
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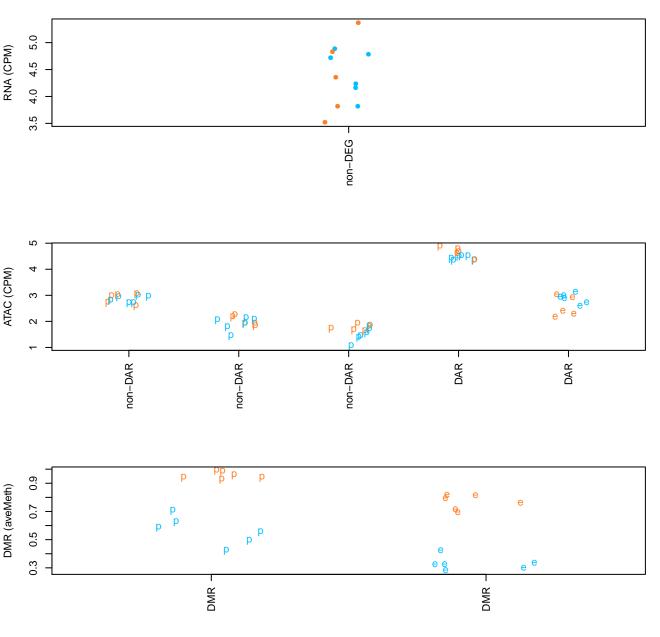
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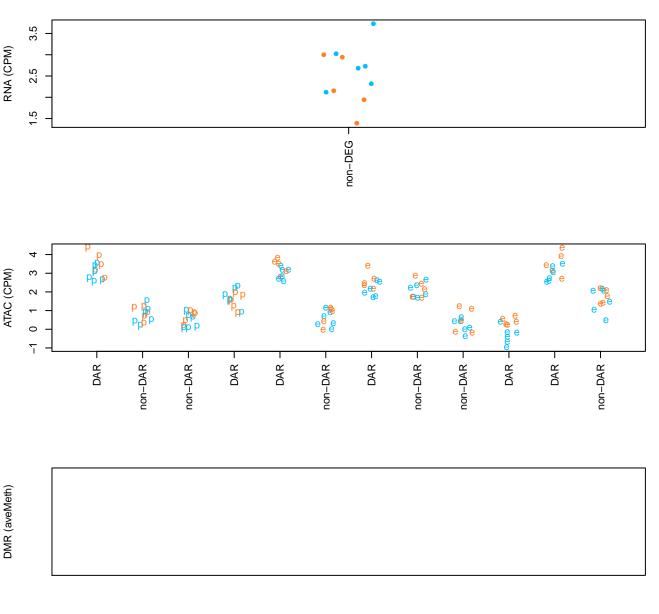
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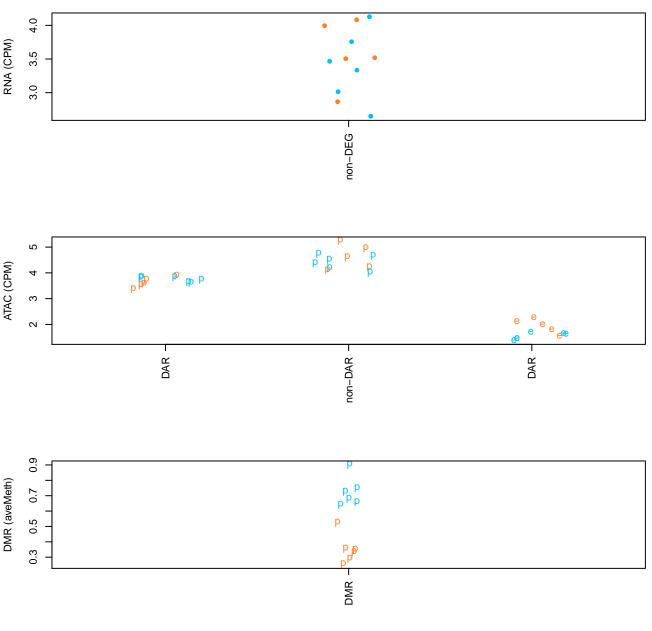
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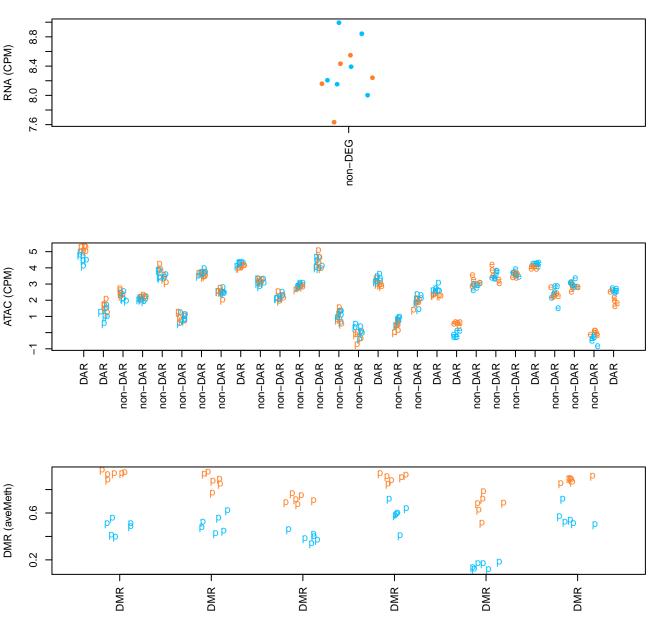
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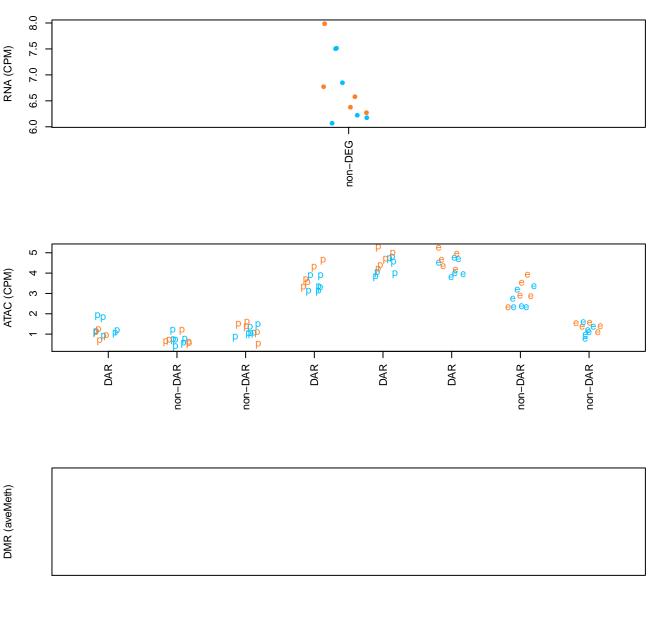
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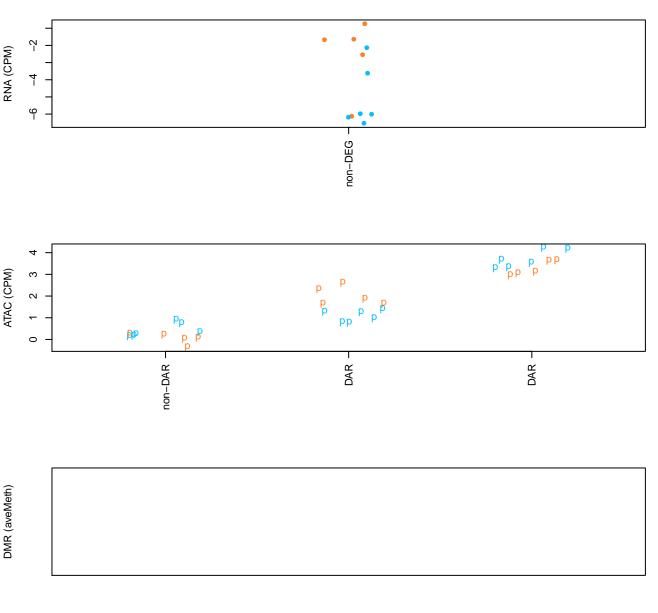
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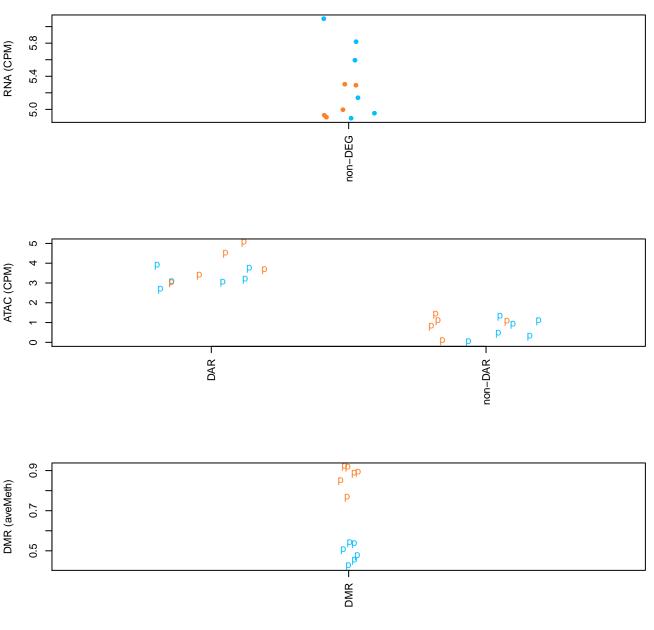
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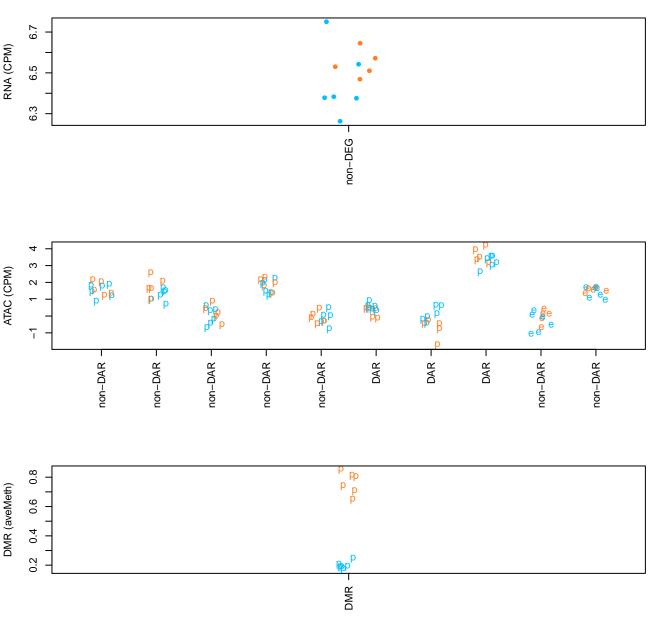
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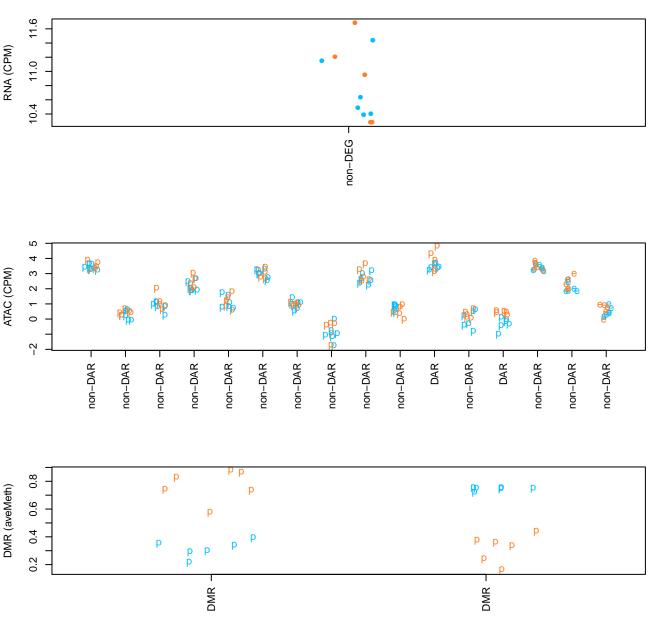
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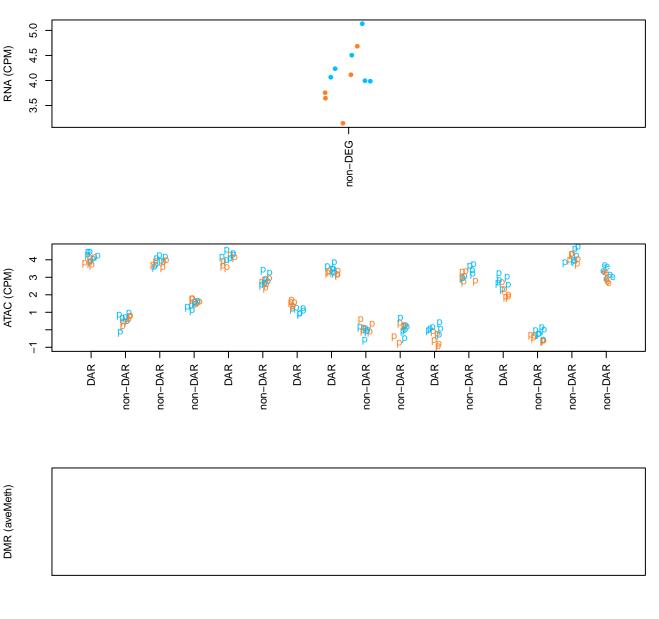
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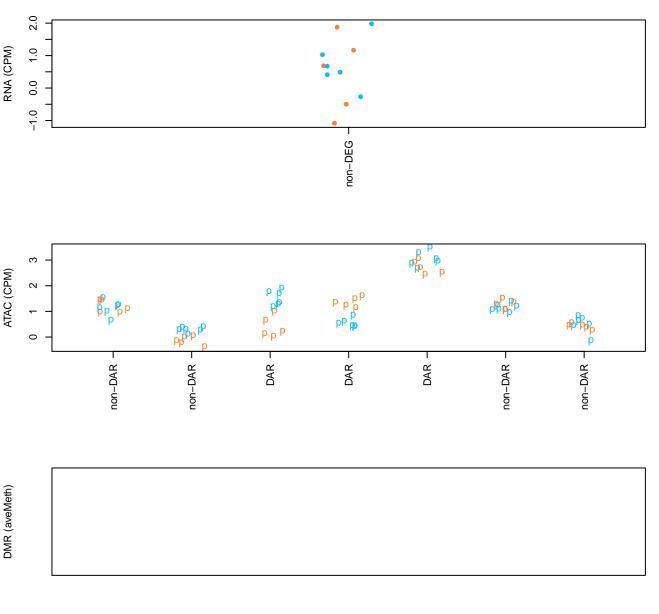
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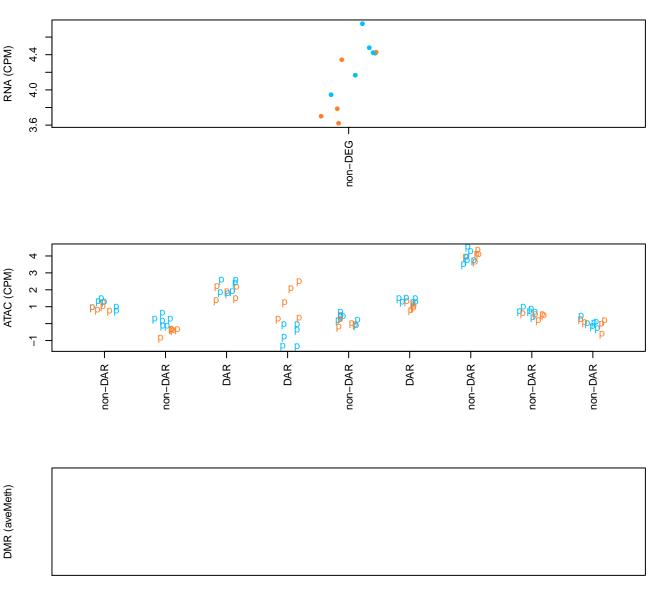
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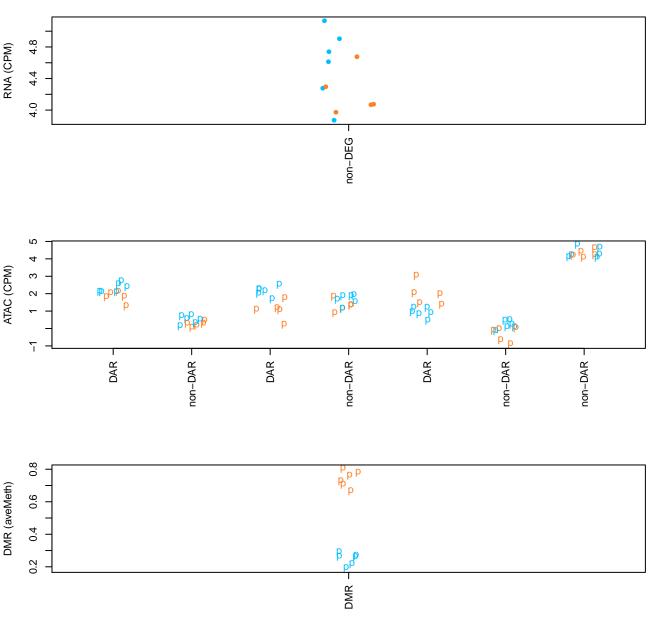
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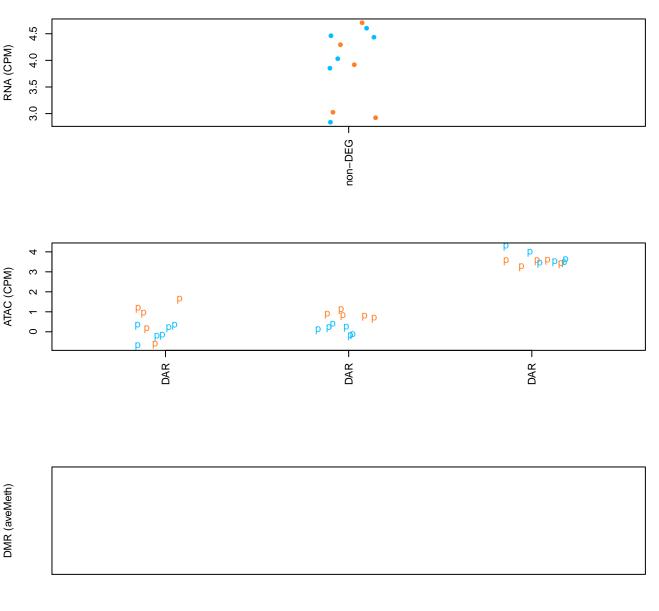
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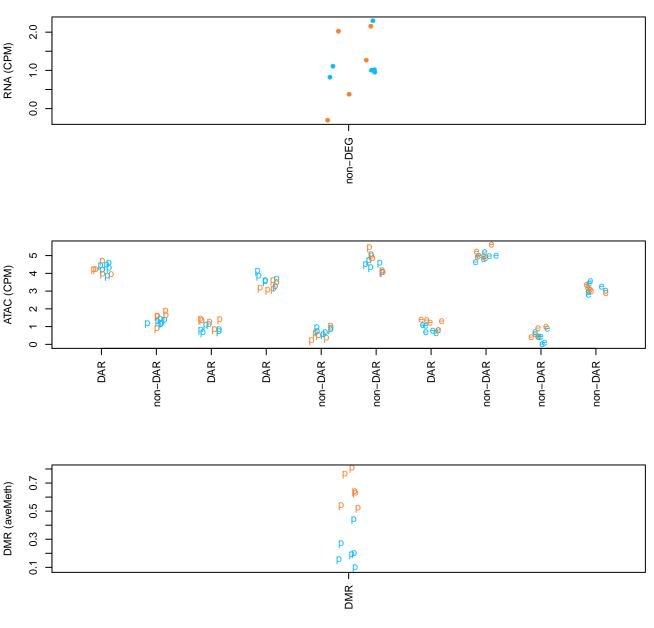
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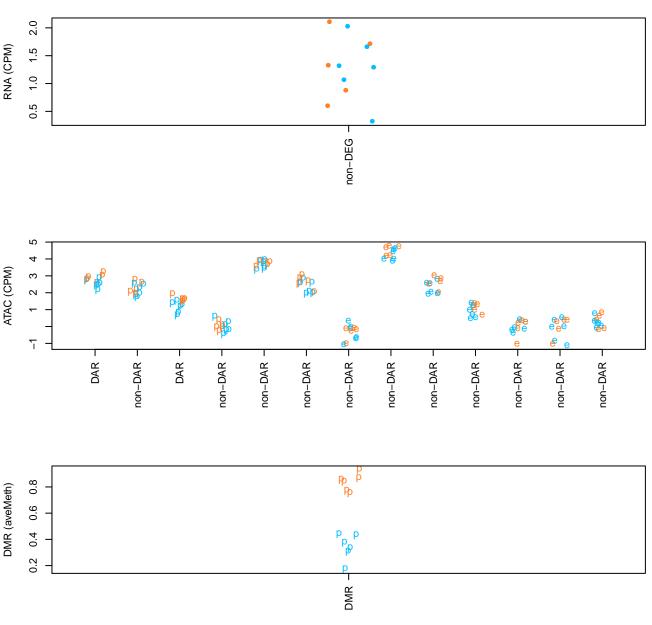
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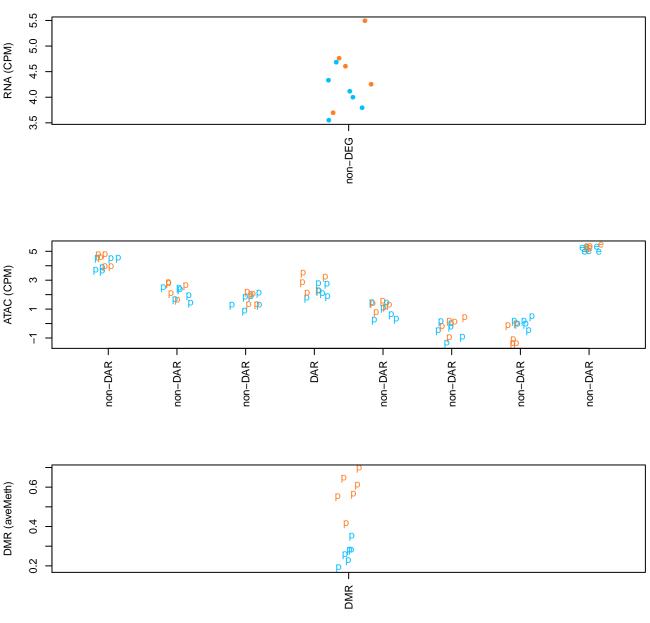
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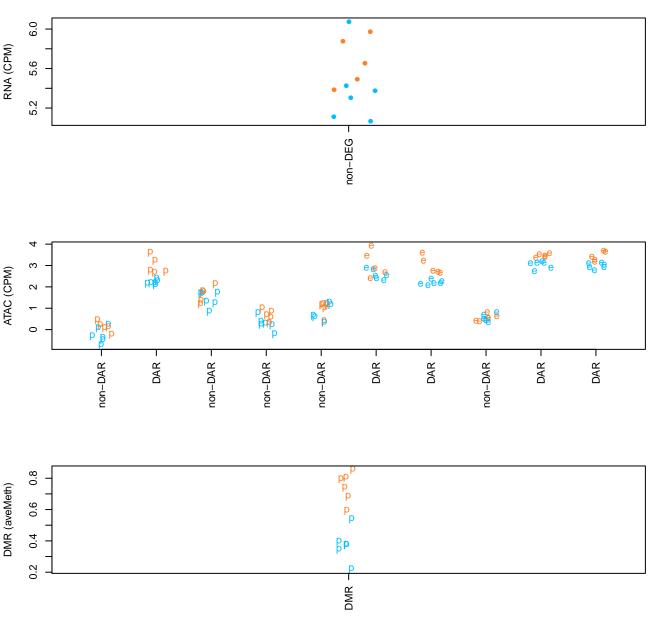
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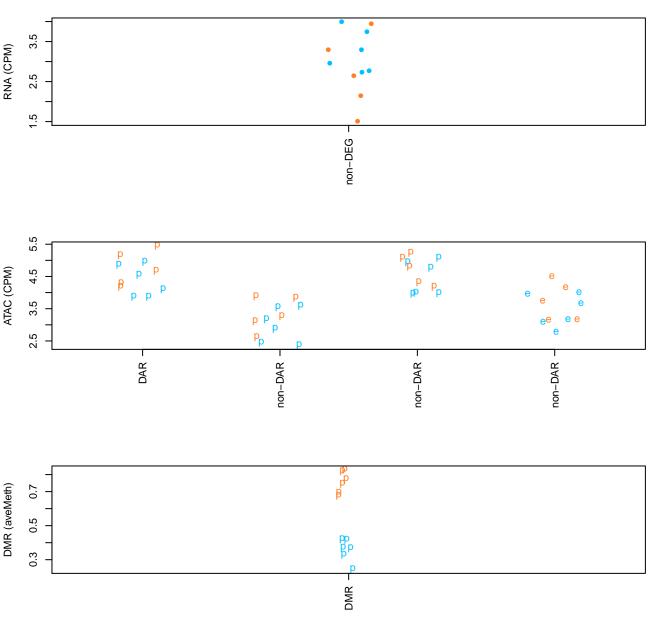
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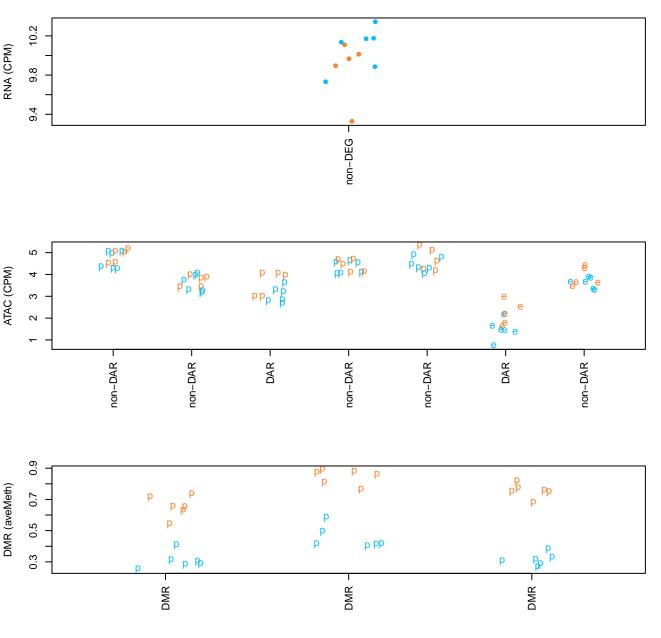
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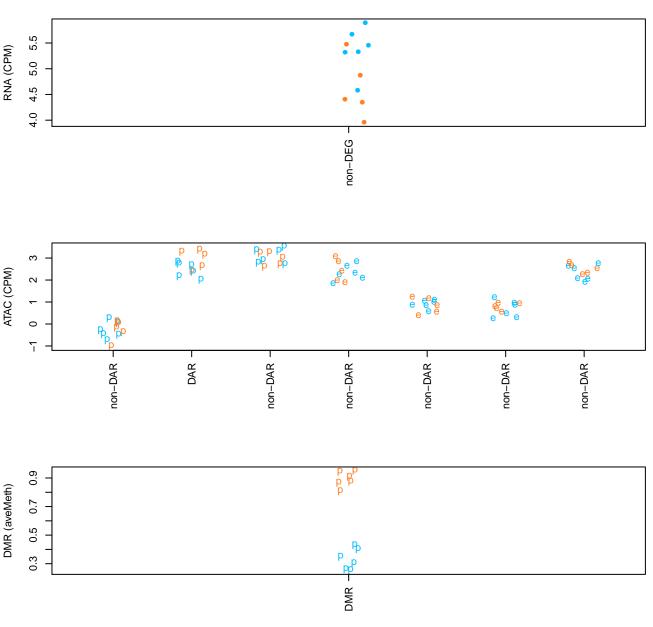
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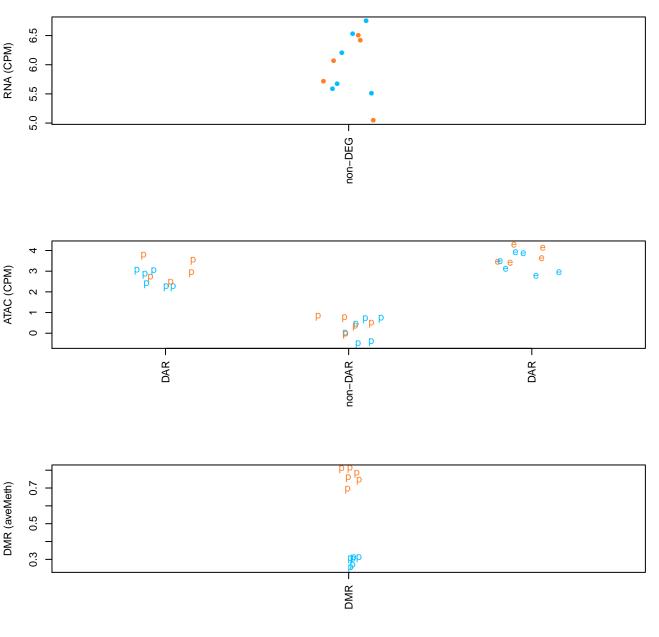
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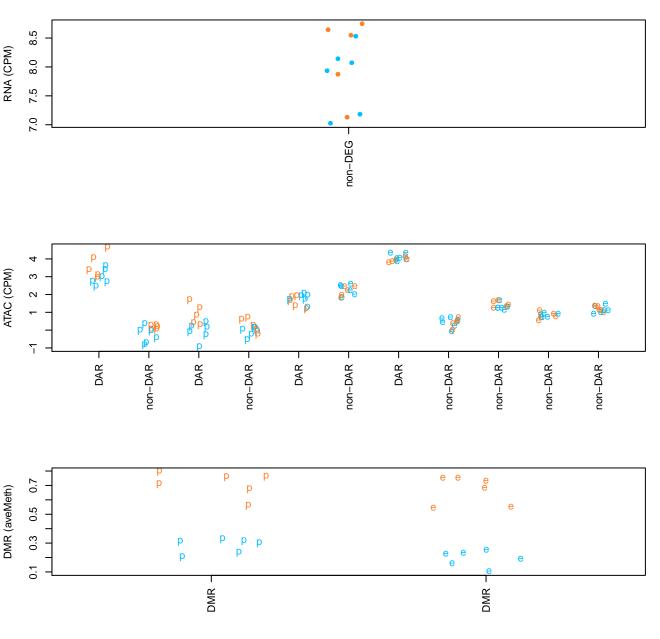
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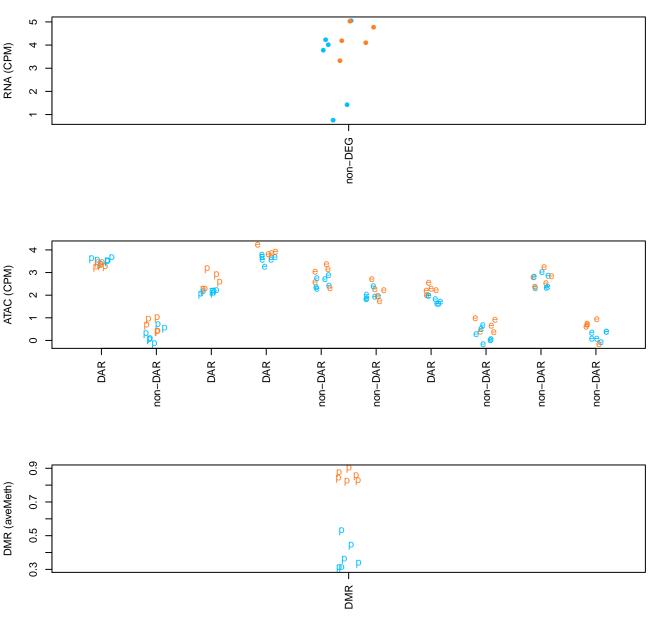
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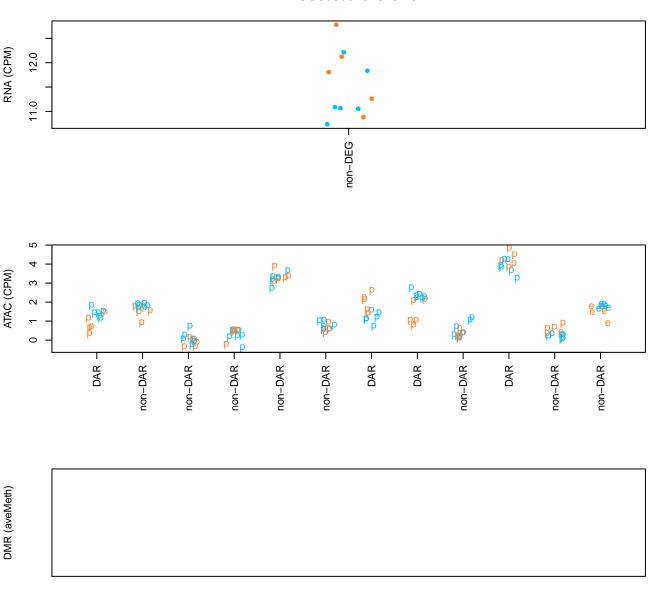
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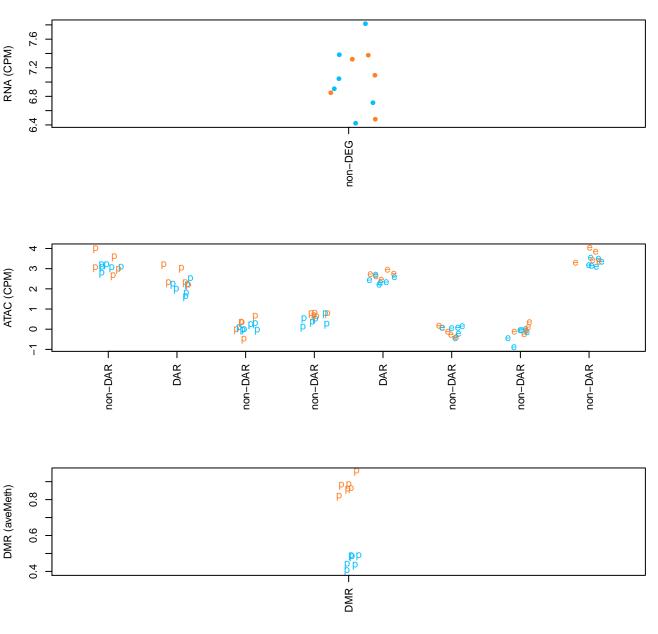
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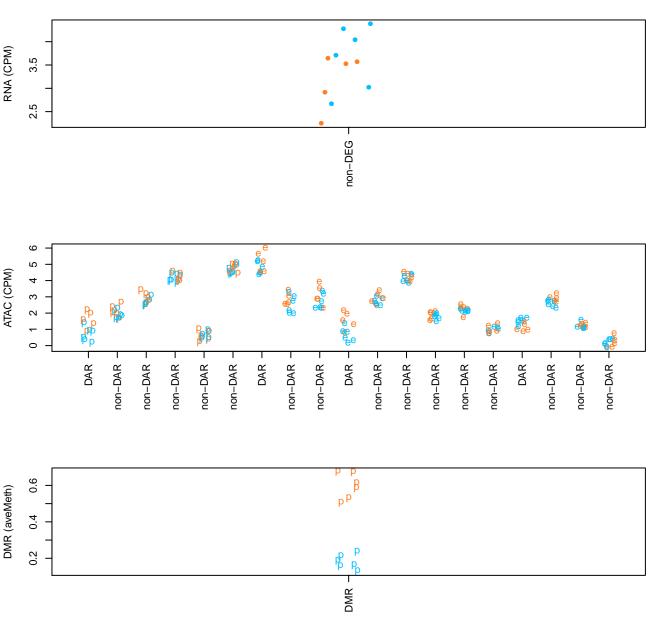
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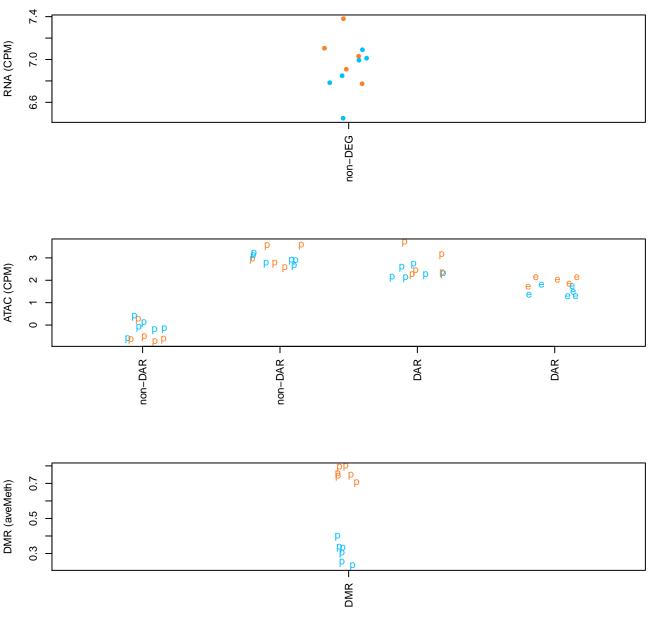
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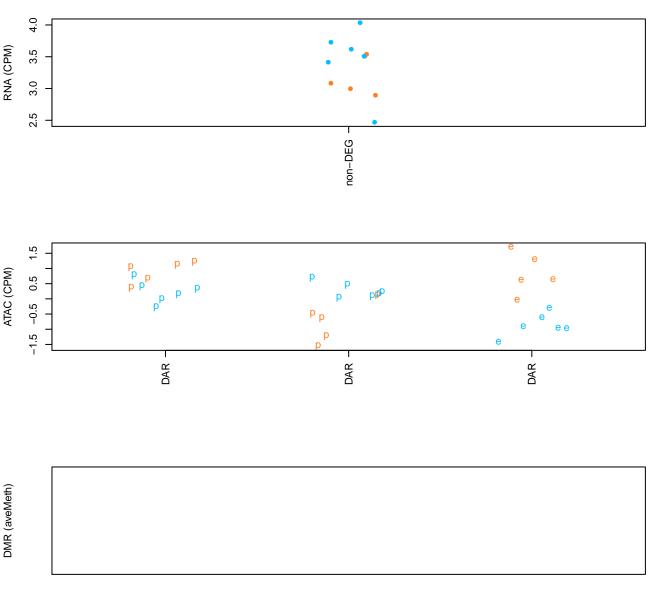
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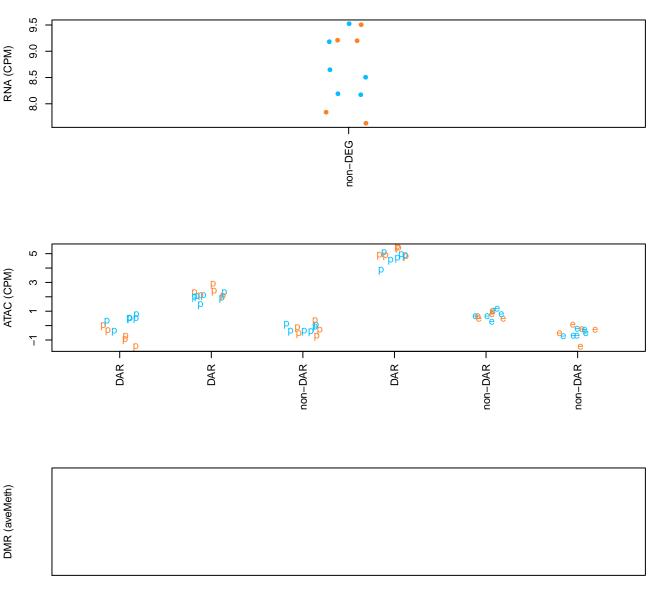
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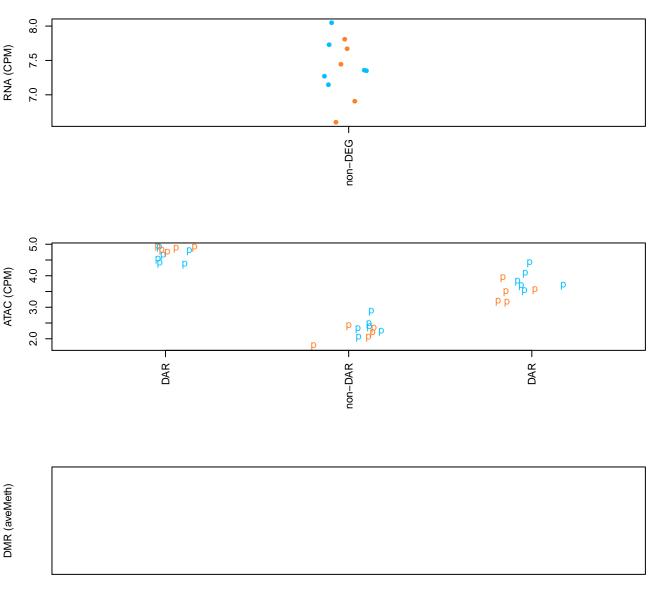
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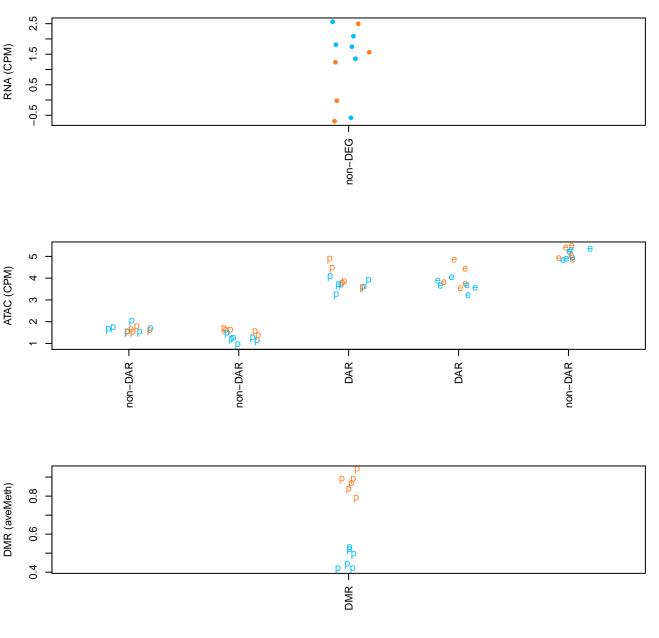
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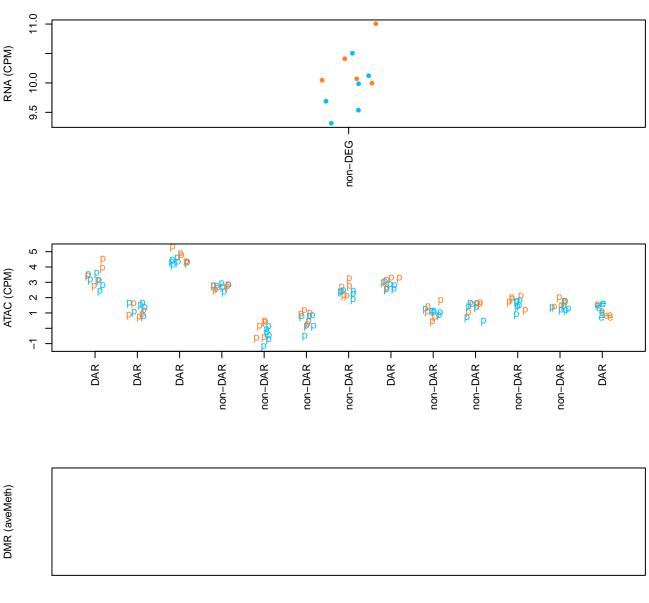
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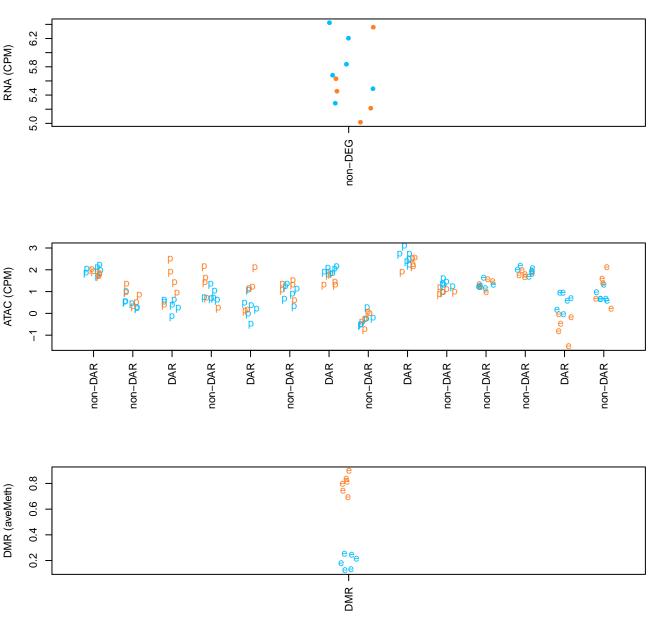
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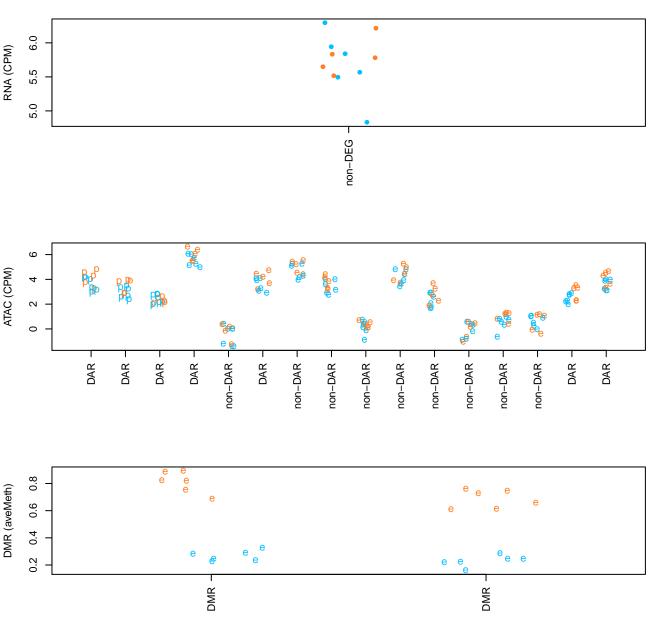
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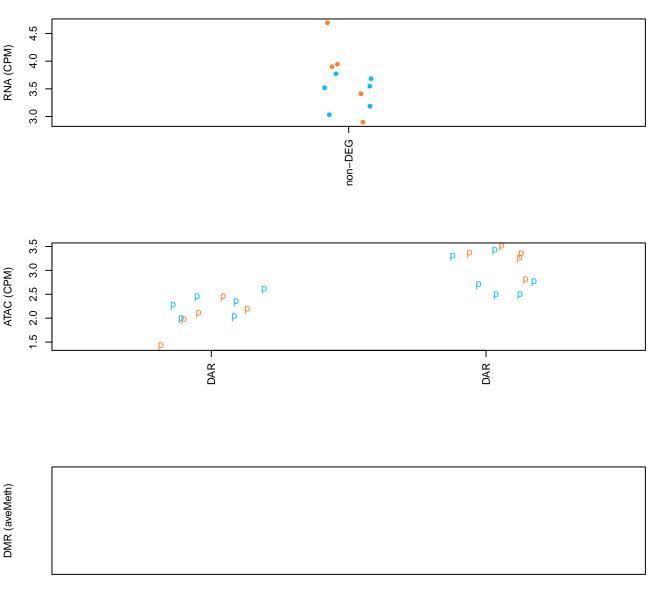
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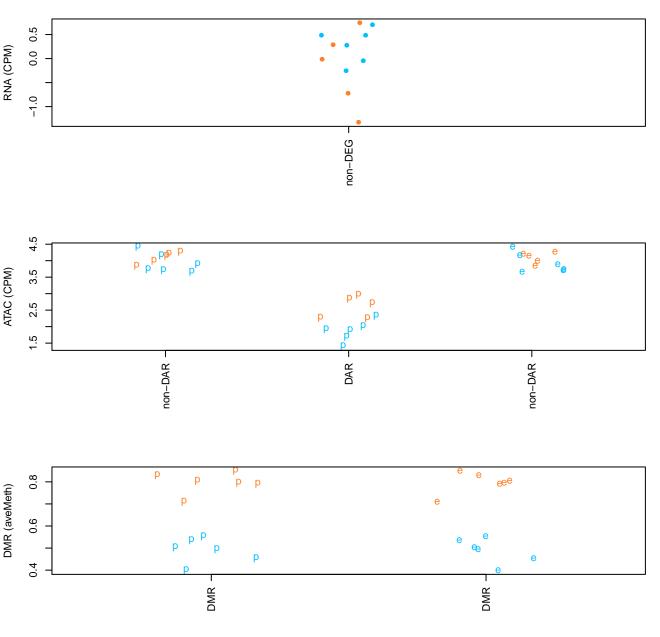
ENSG00000133606.6 6.4 RNA (CPM) 6.0 non-DEG ATAC (CPM) 3.6 4.0 p pp 3.2 DAR -DMR (aveMeth) 0.8 9.0 р р р 0.4 DMR -

ENSG00000133661.11 3.0 2.5 RNA (CPM) 1.5 2.0 non-DEG b h ATAC (CPM) N 0 ī DAR non-DAR non-DAR non-DAR non-DAR non-DAR -0.7 DMR (aveMeth) 0.5 p P 0.3 DMR -

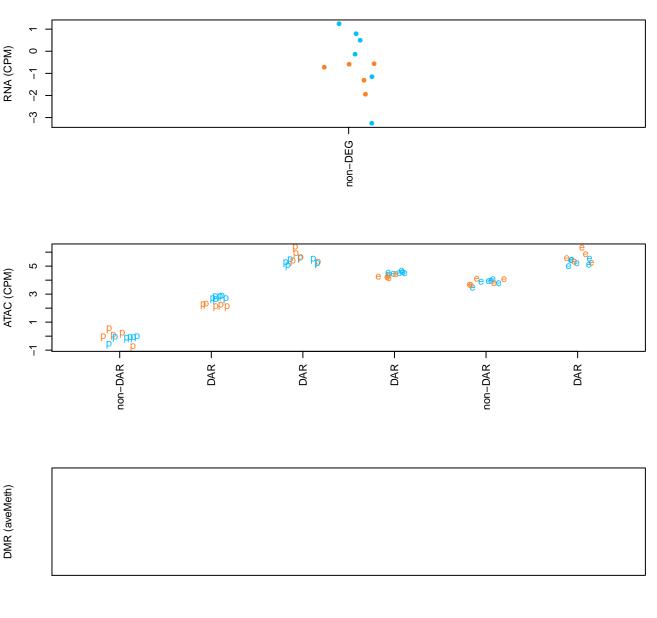
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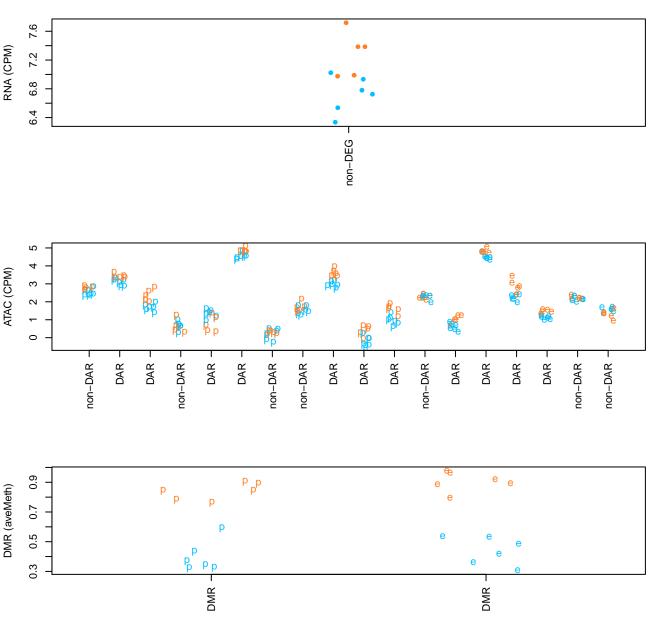
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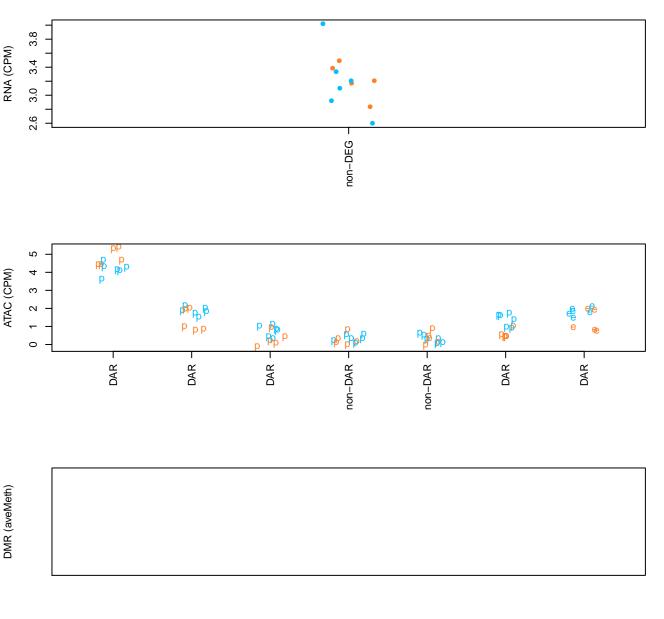


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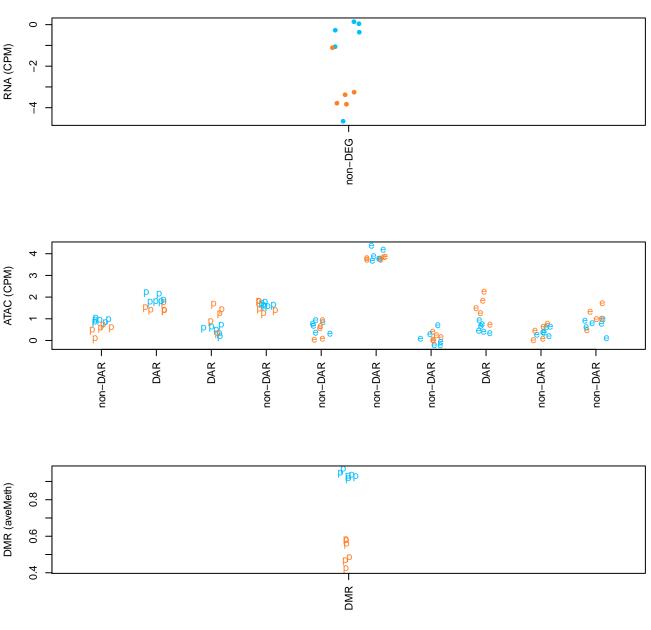


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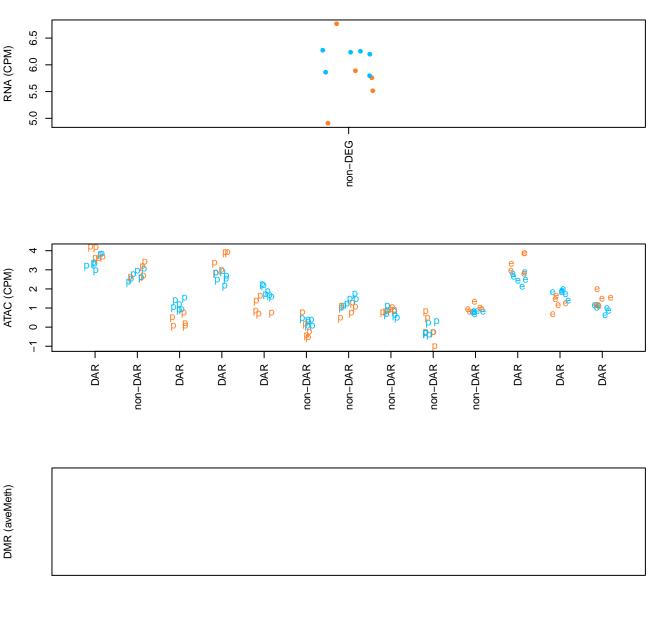
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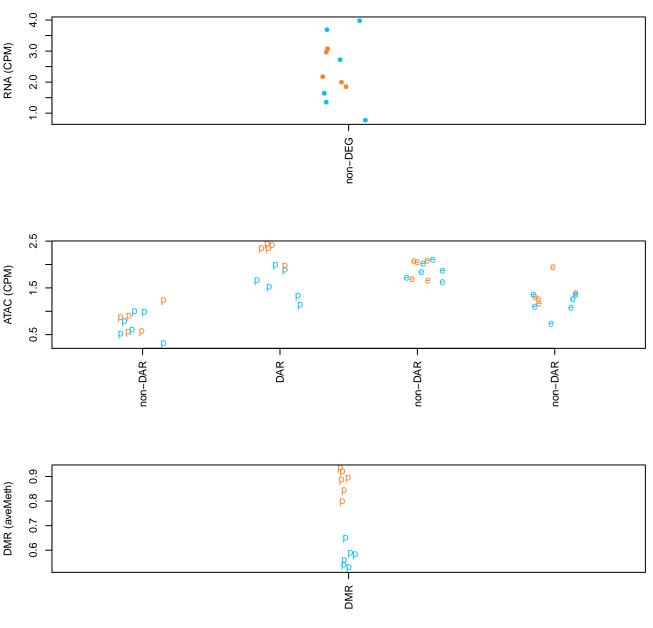
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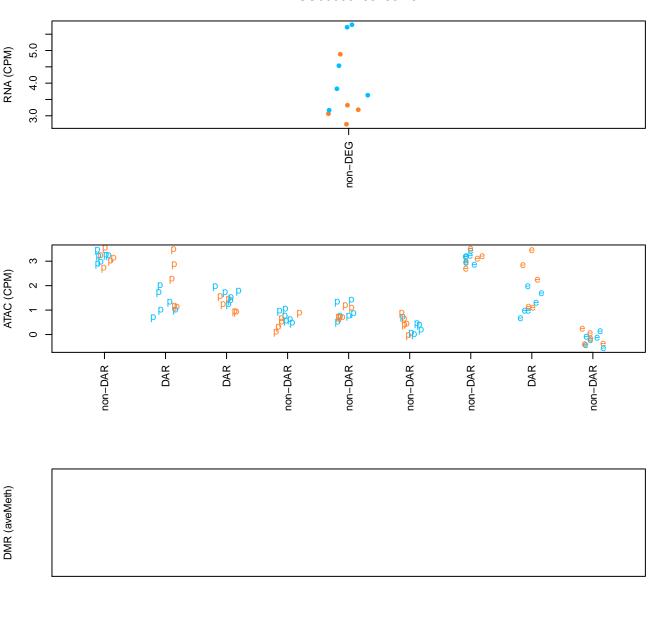
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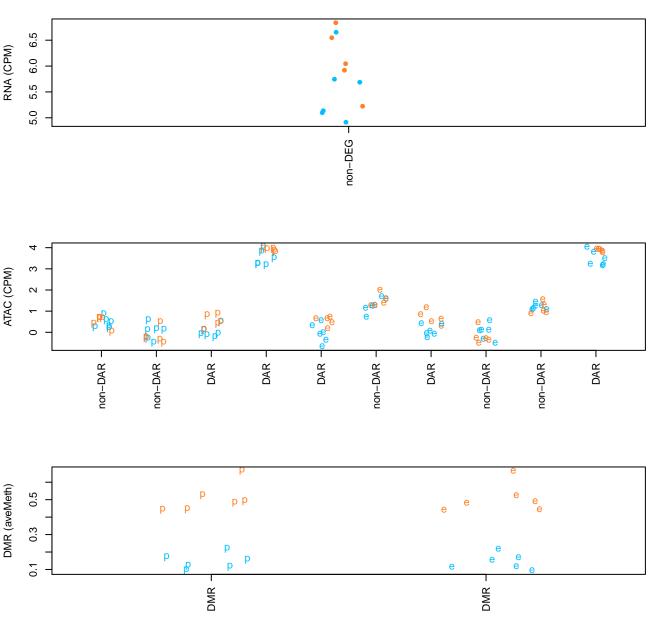
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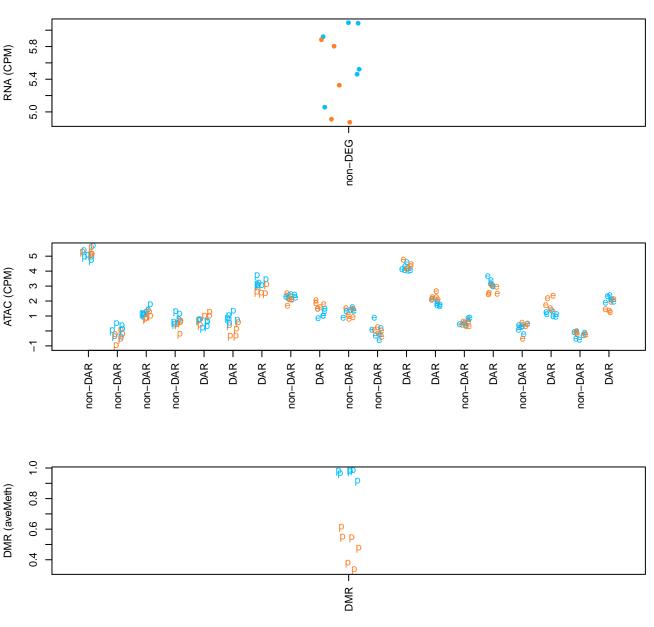
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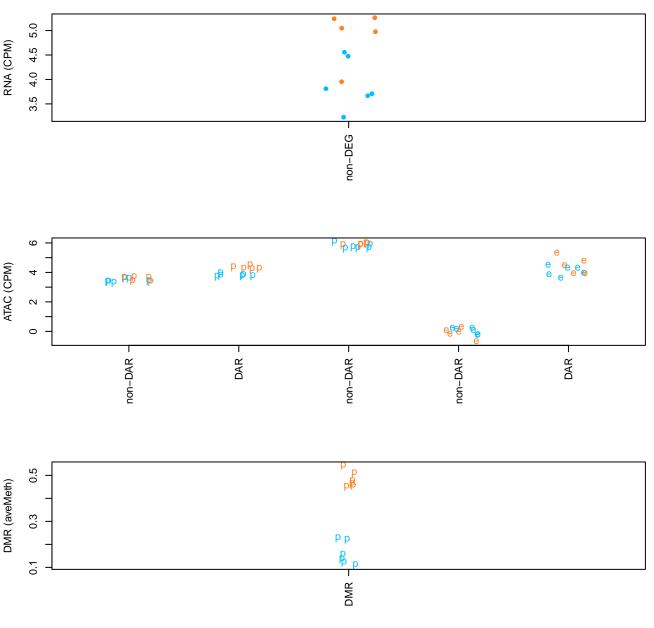
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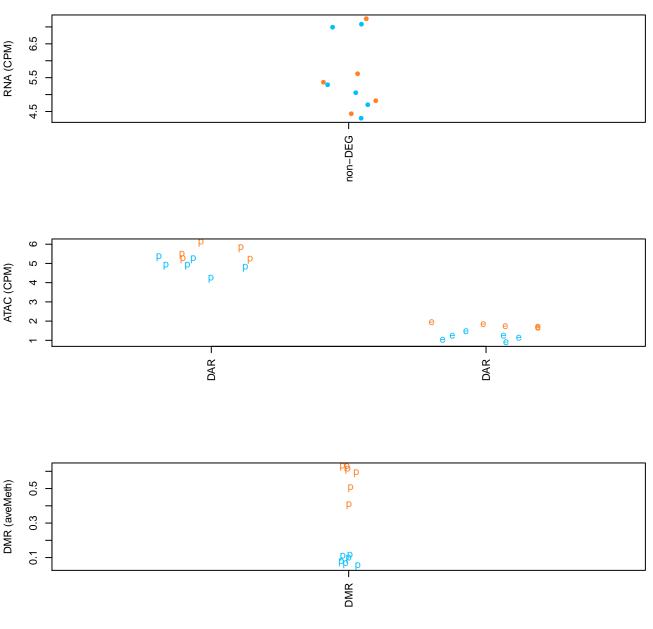
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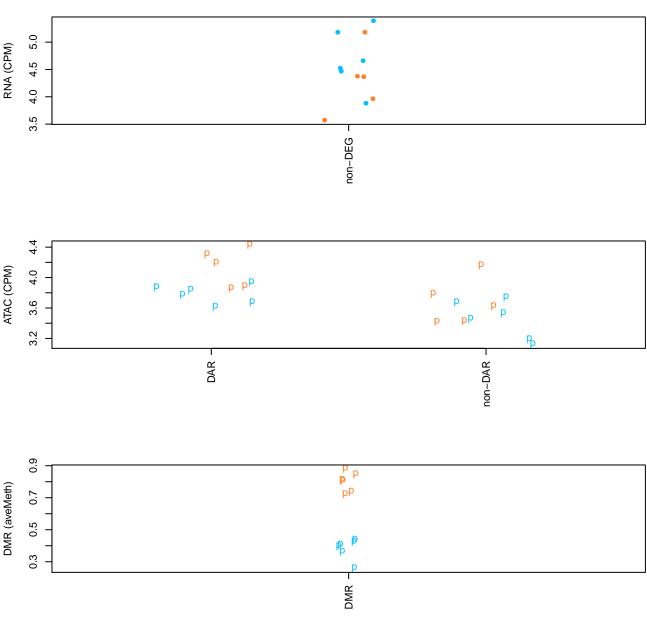
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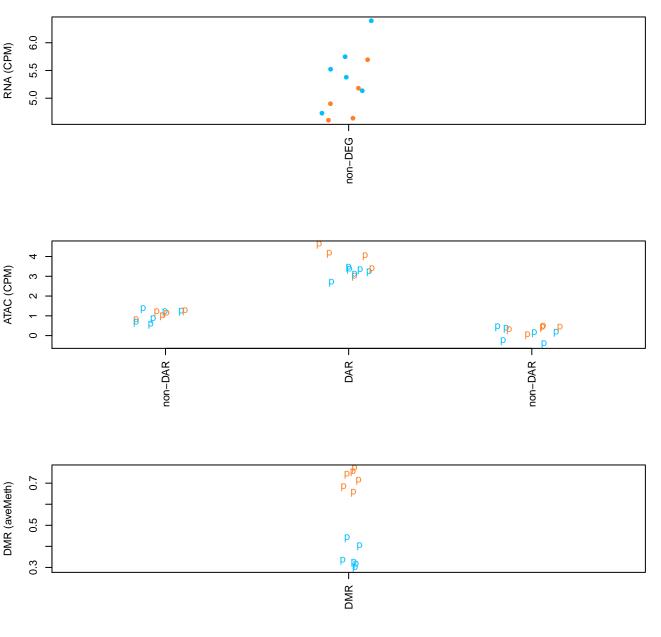
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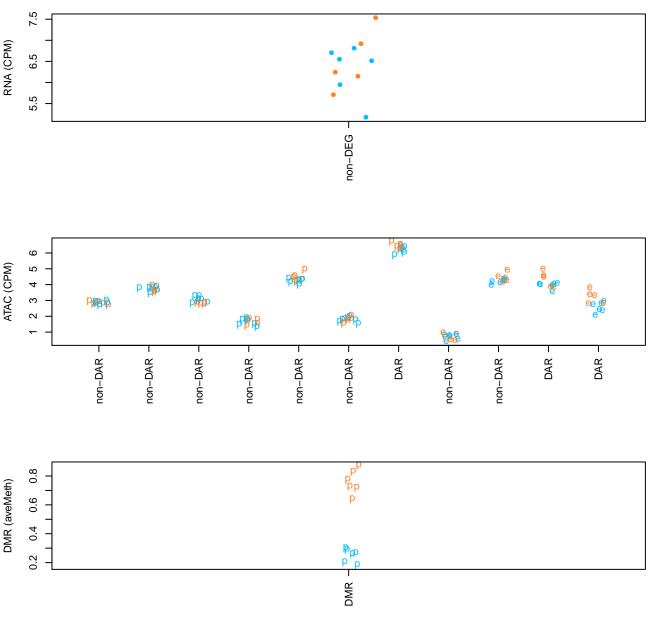
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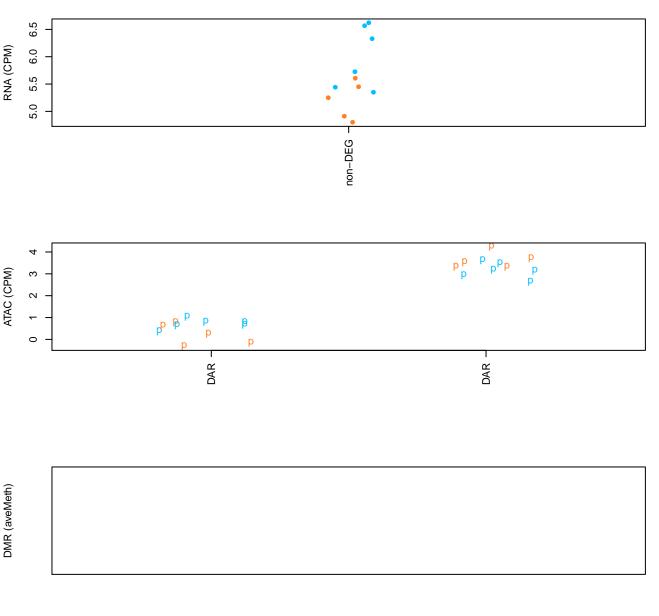
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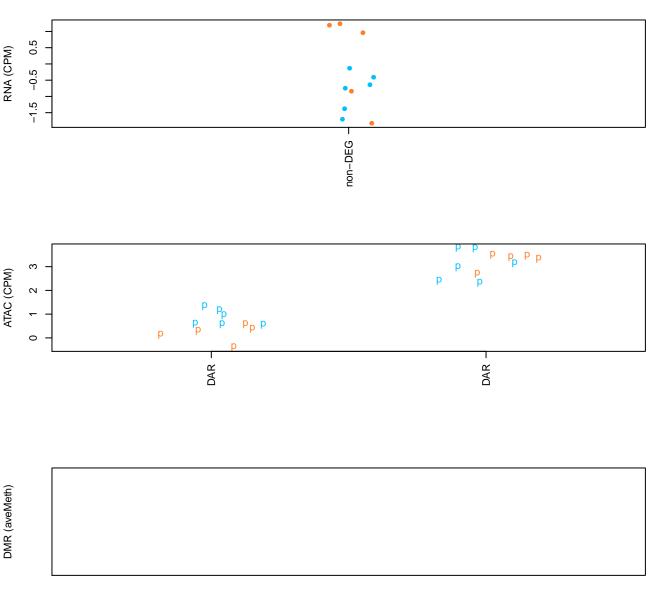
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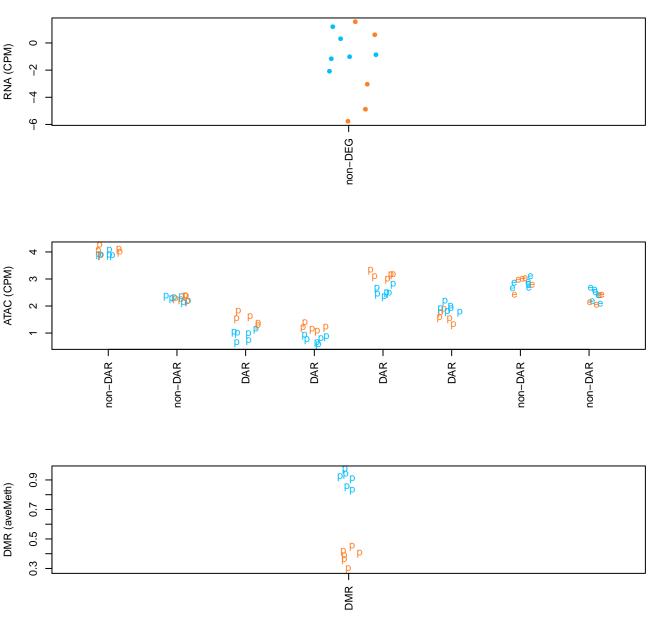
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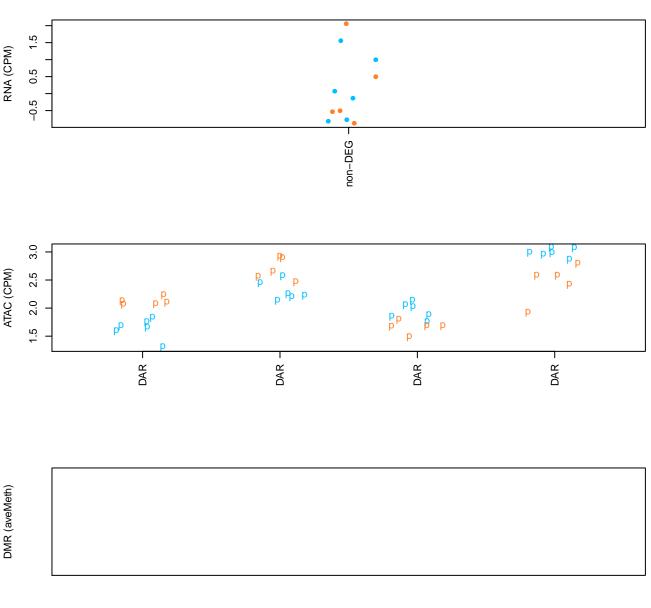
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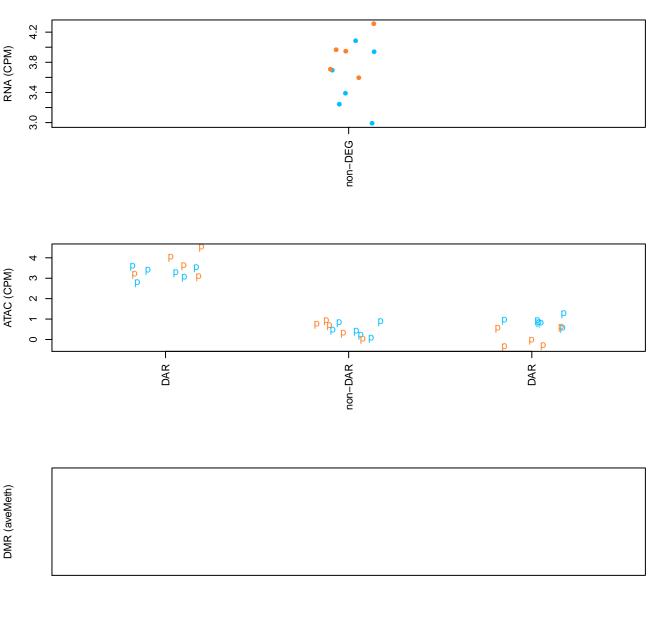
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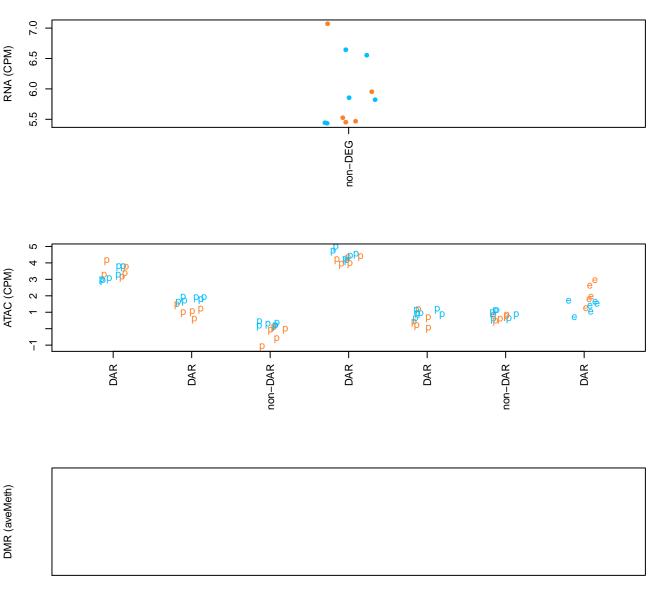
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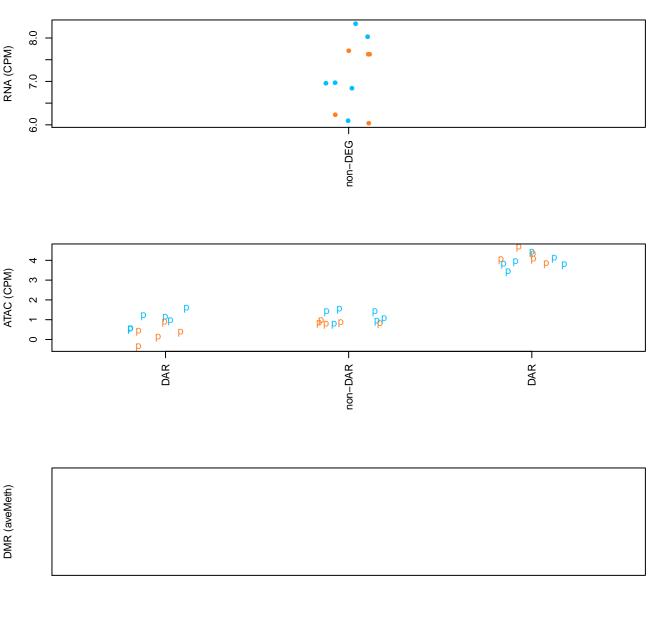
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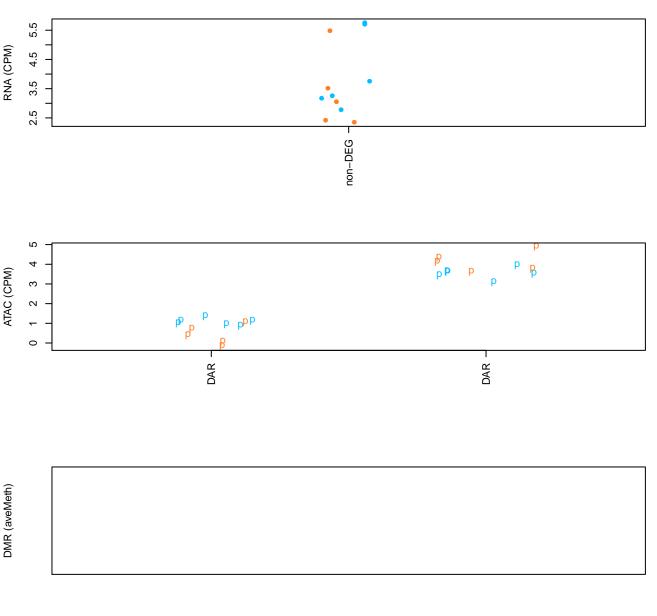
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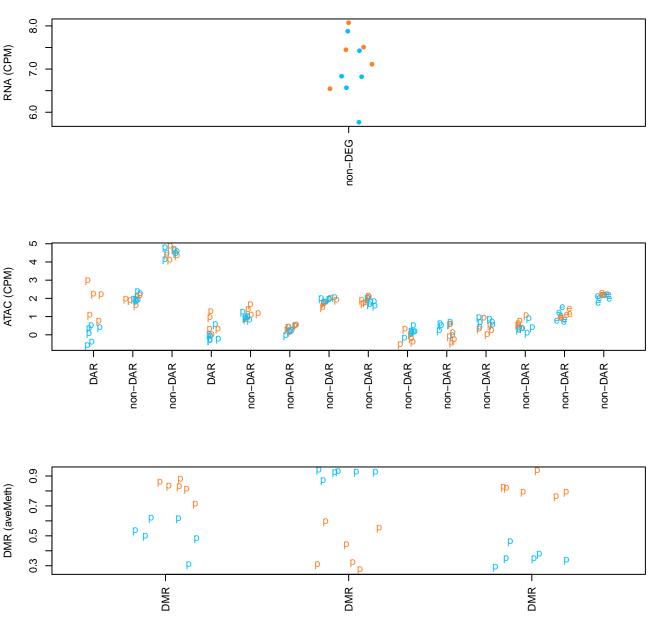
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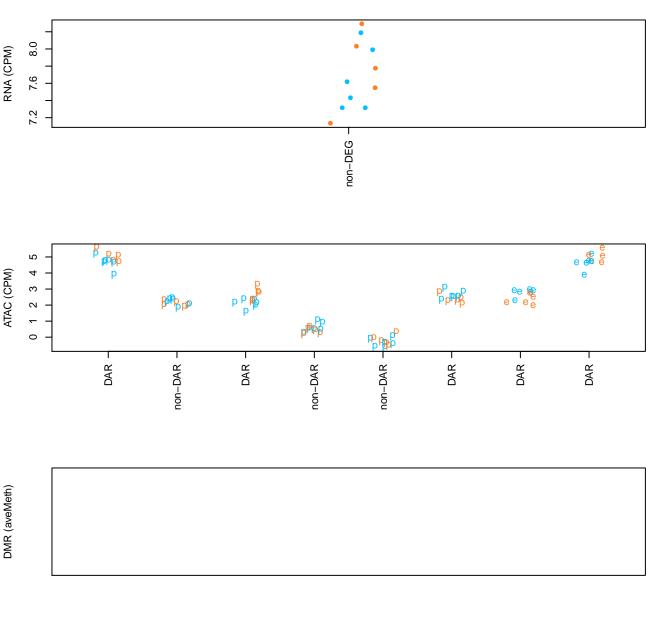
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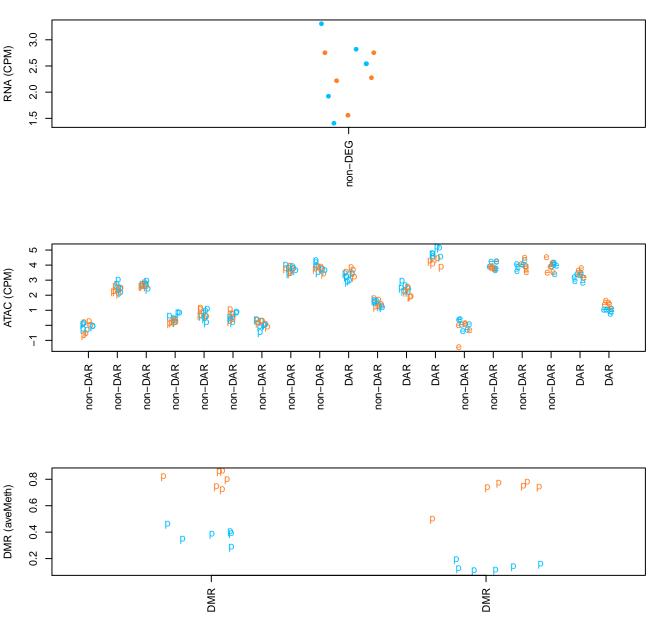
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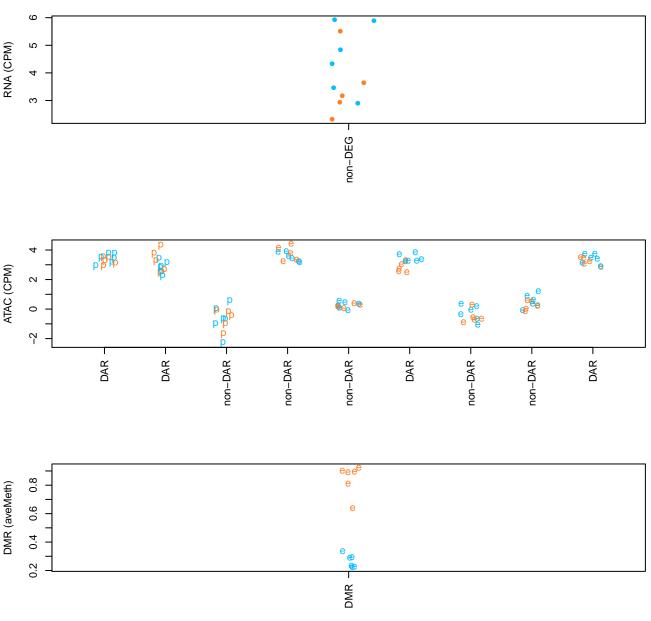
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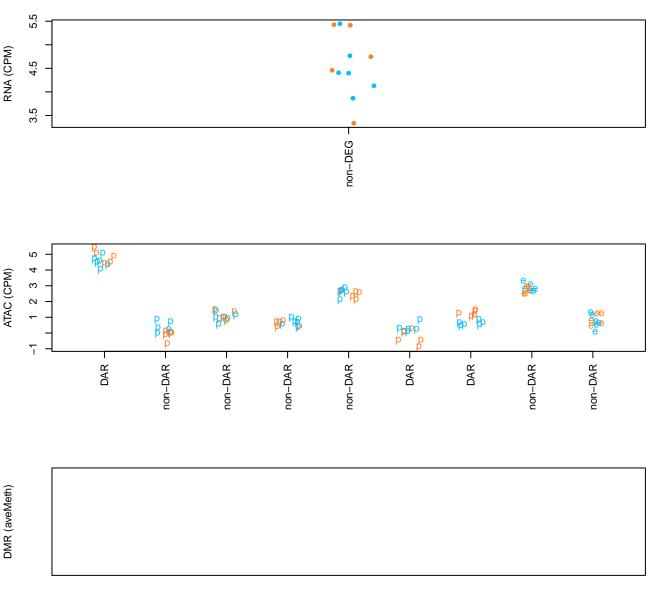
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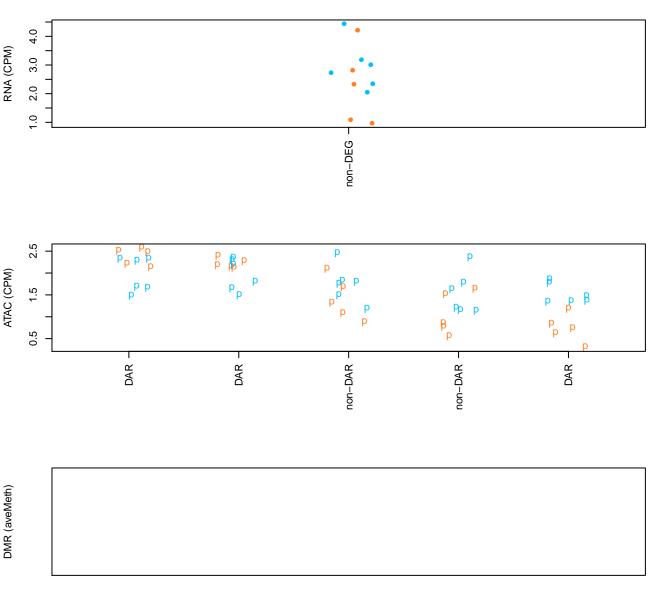
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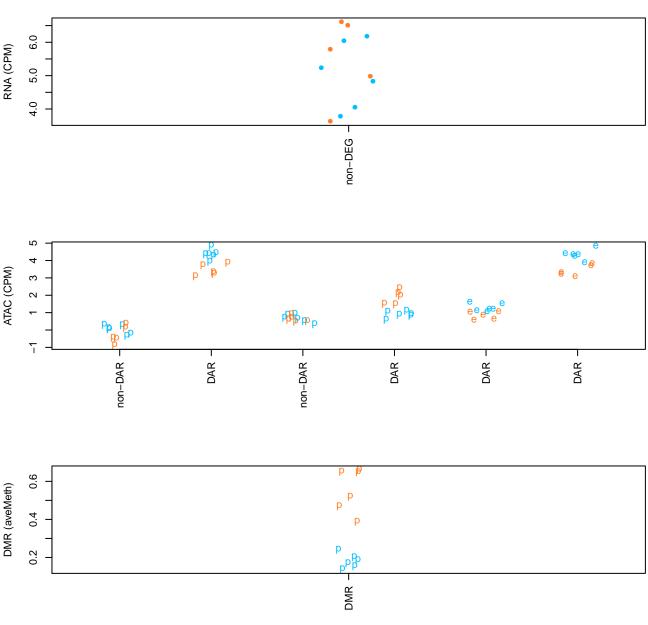
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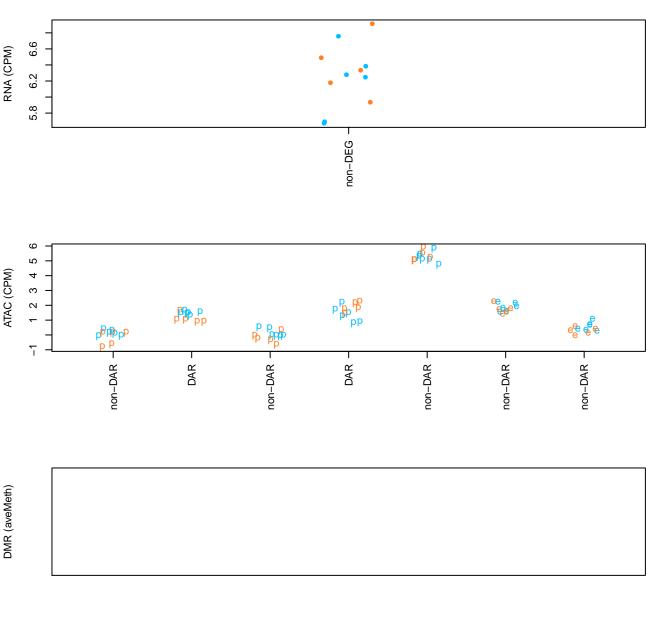
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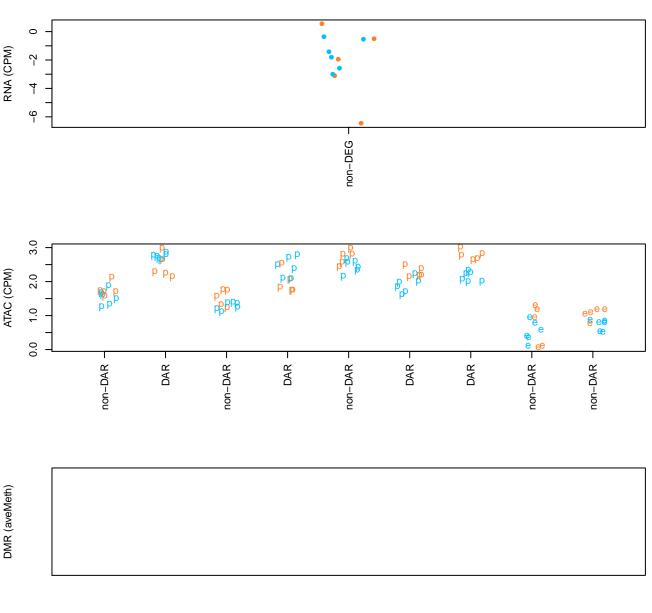
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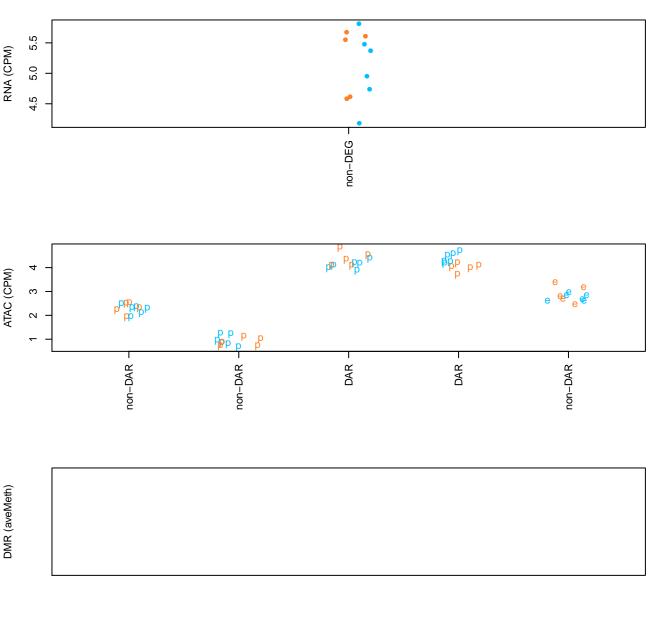
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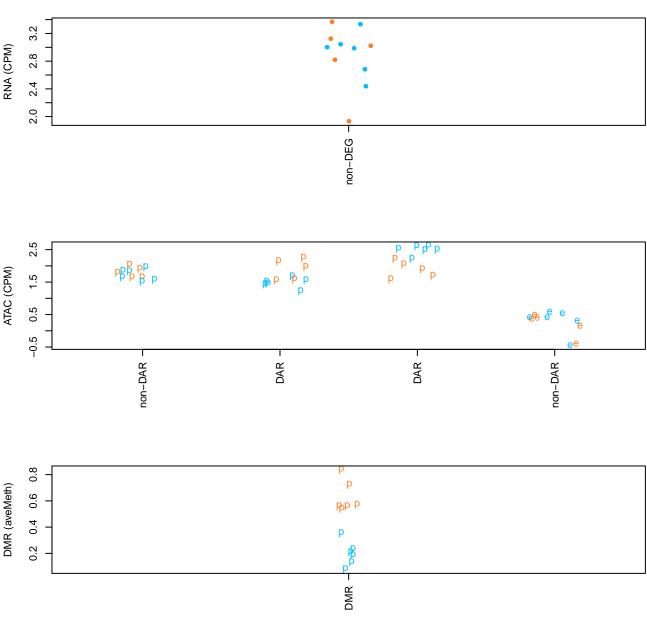
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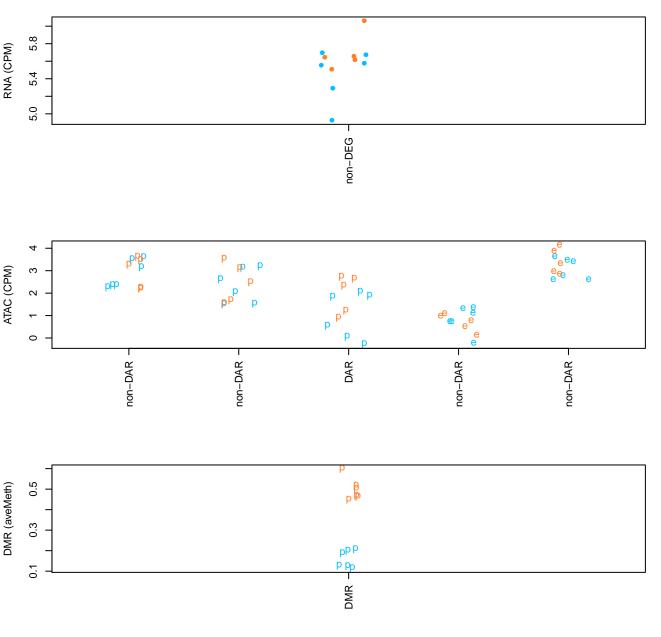
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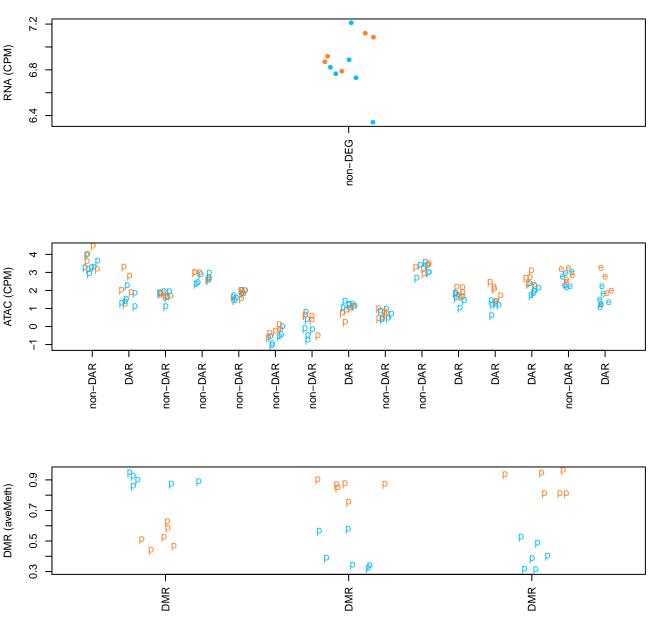
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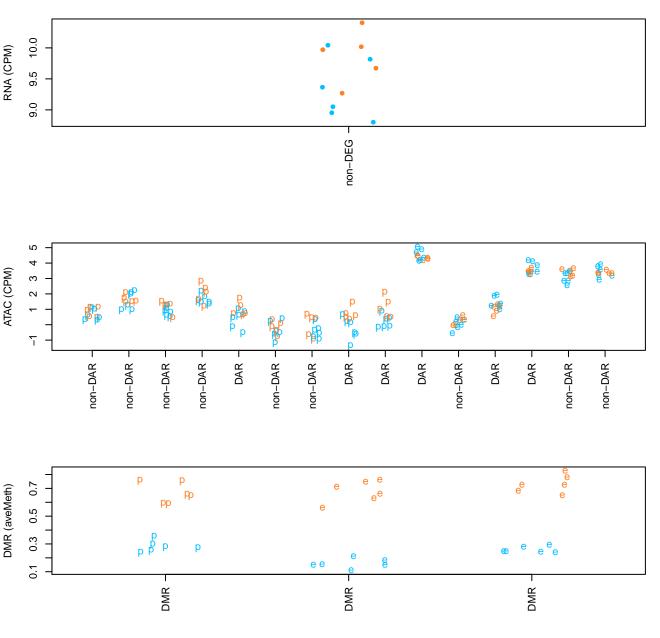
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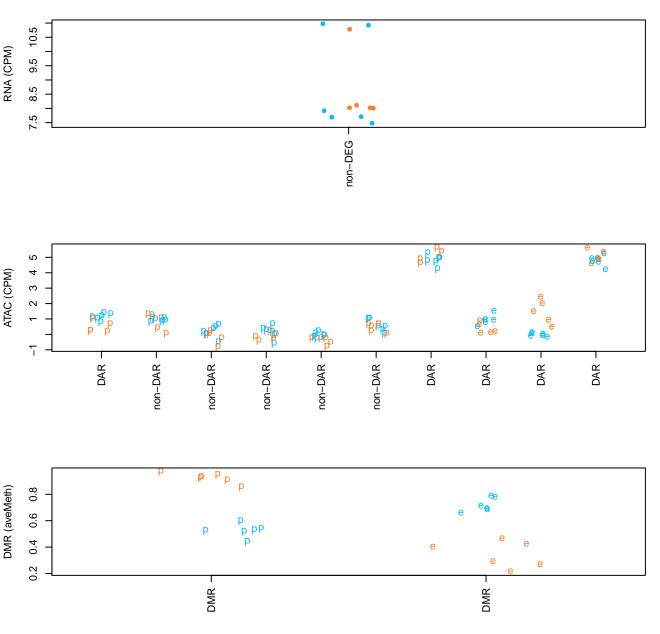
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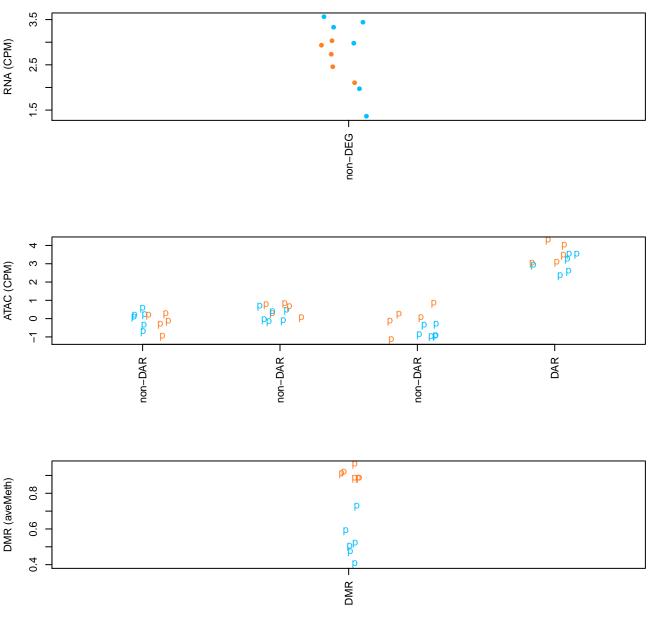
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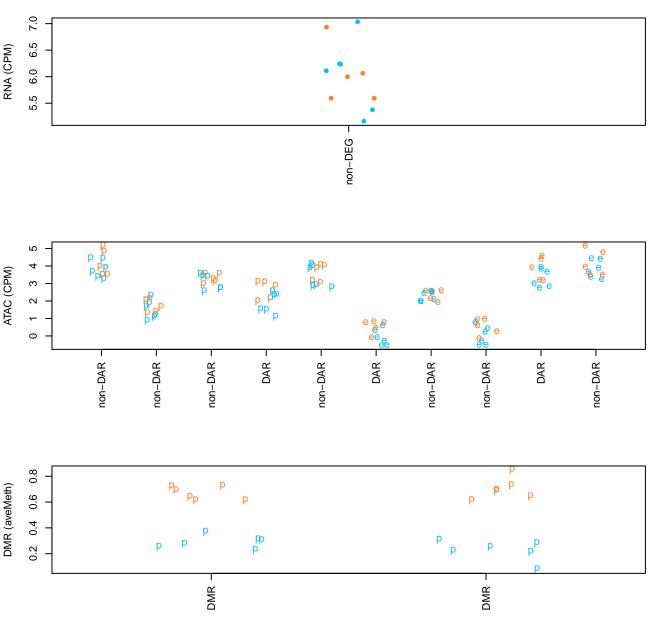
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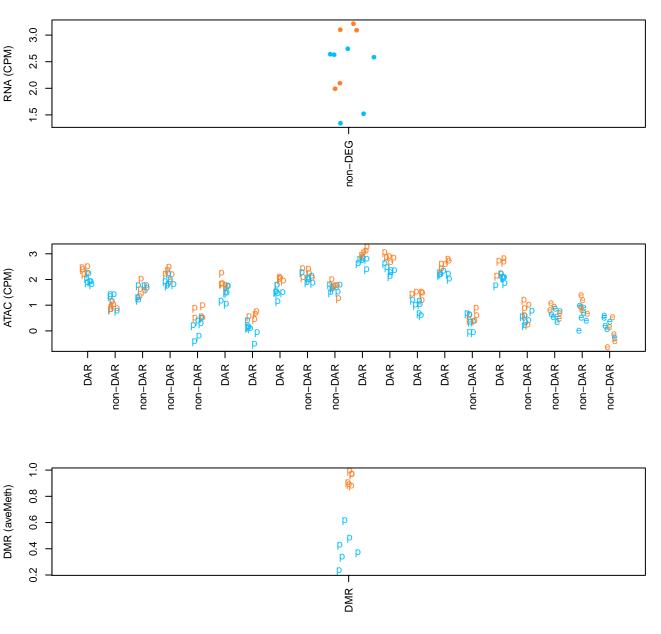
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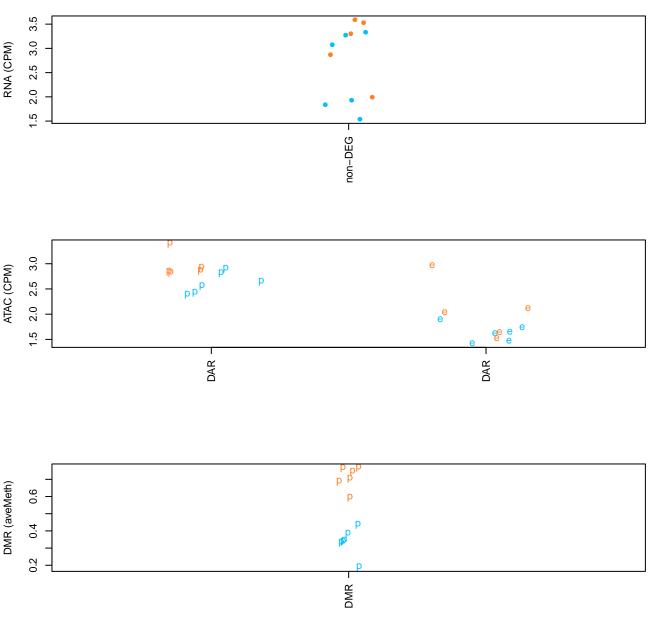
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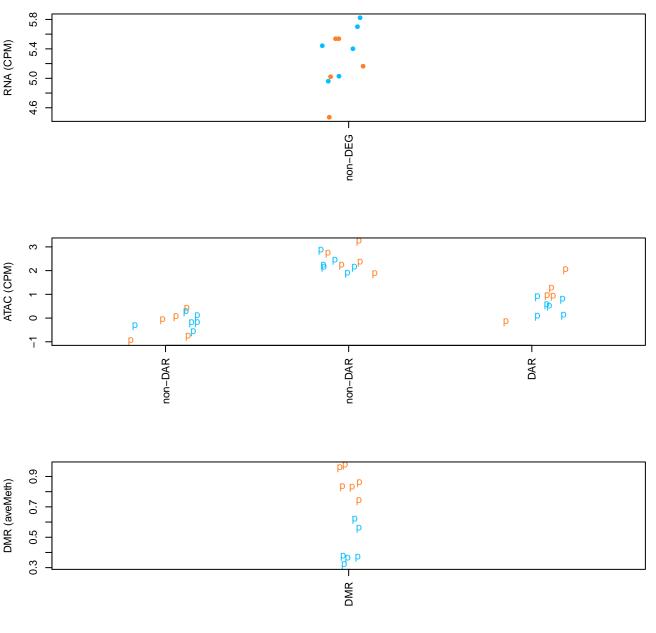
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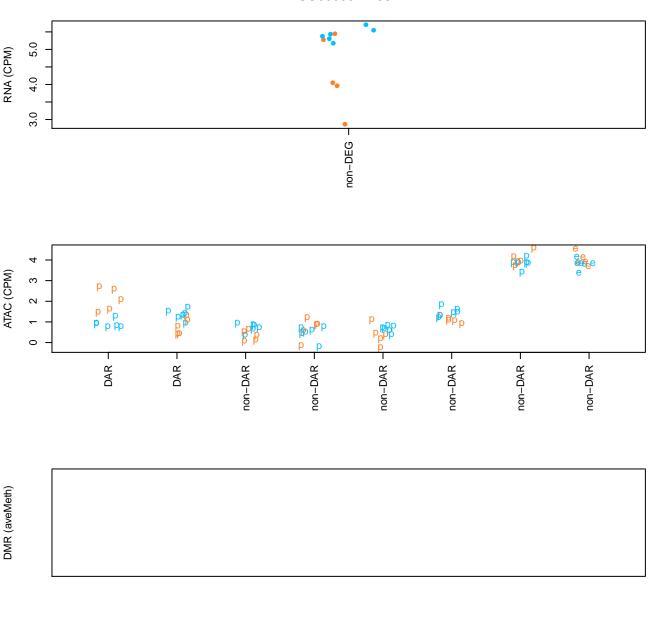


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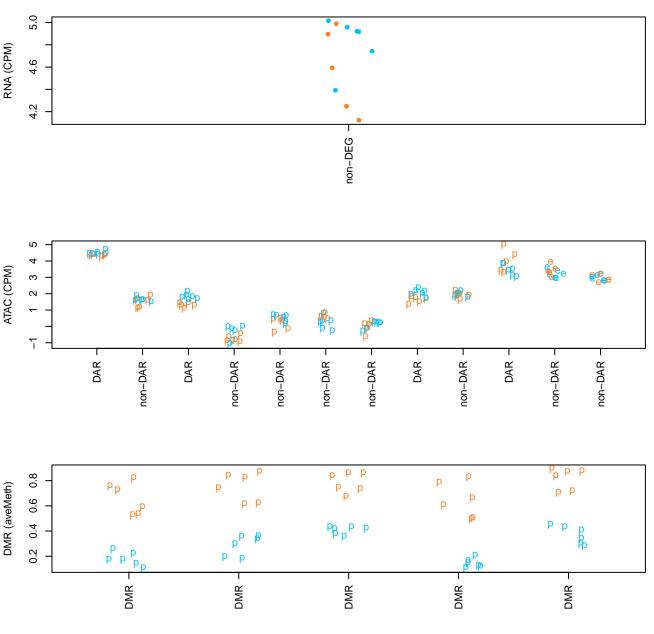


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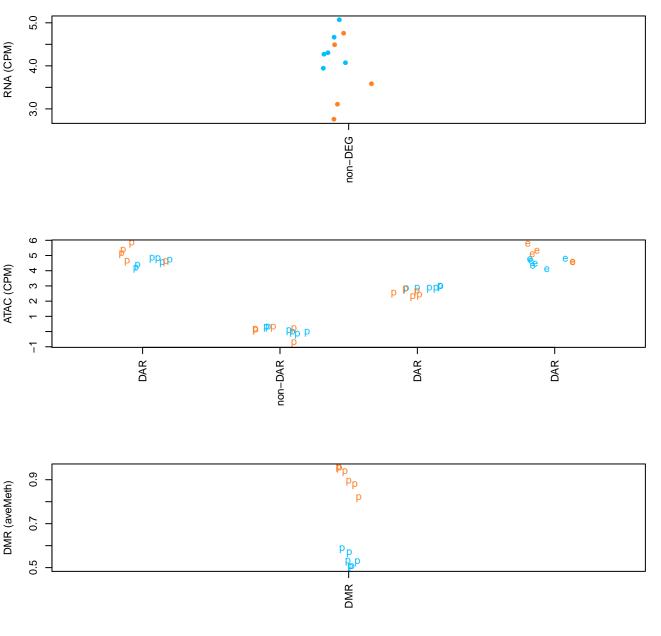
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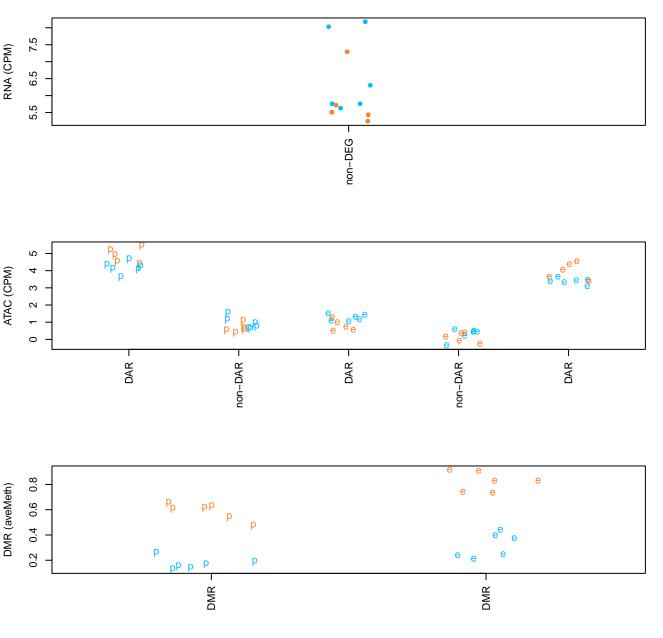
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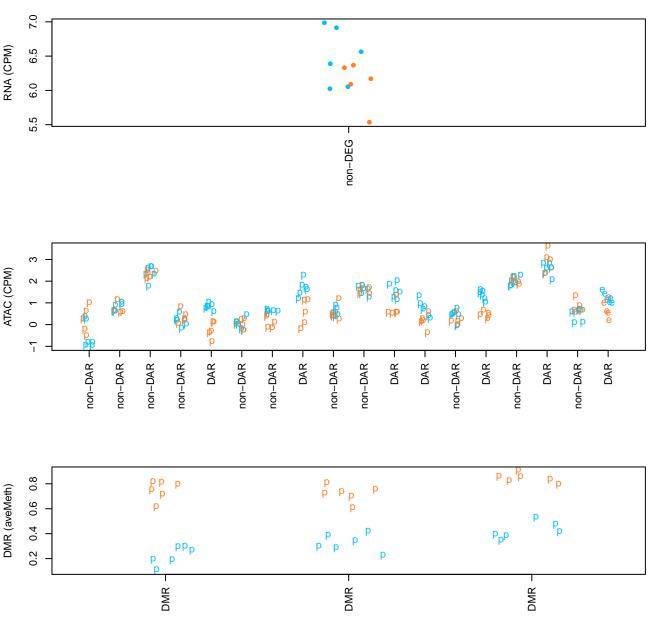


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DMR -

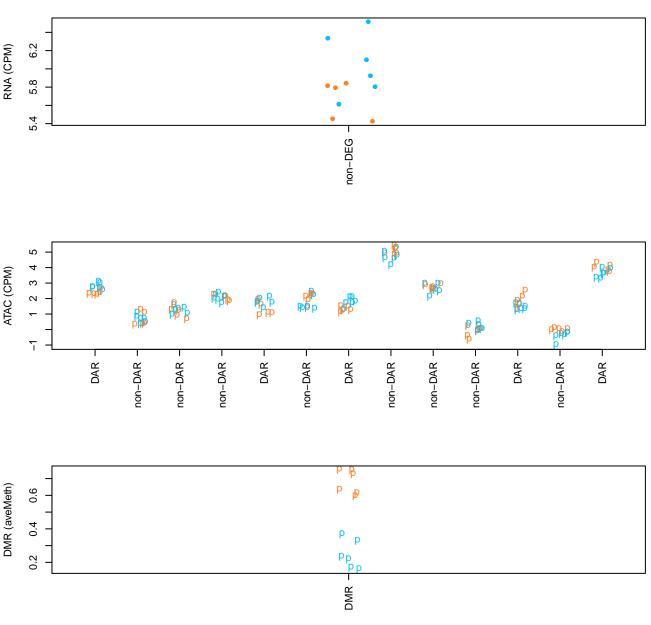
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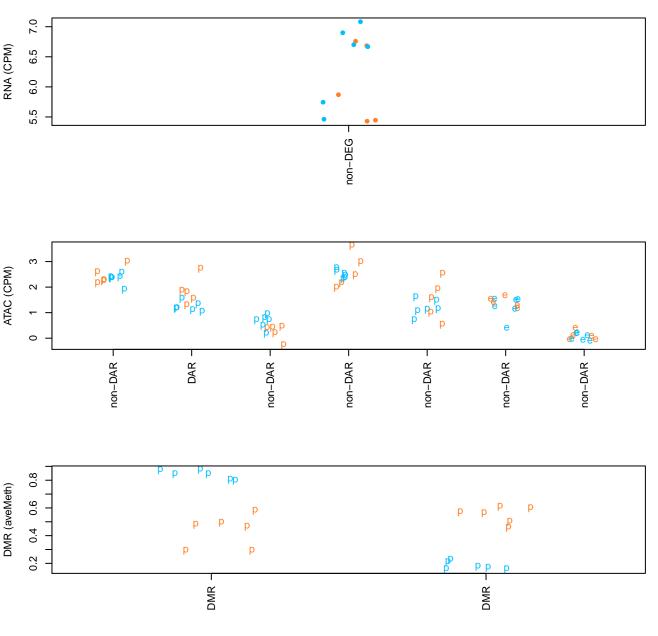


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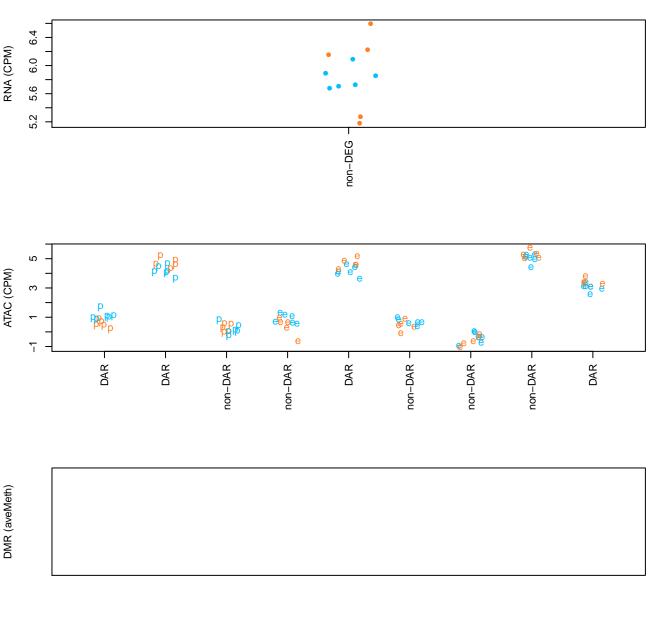
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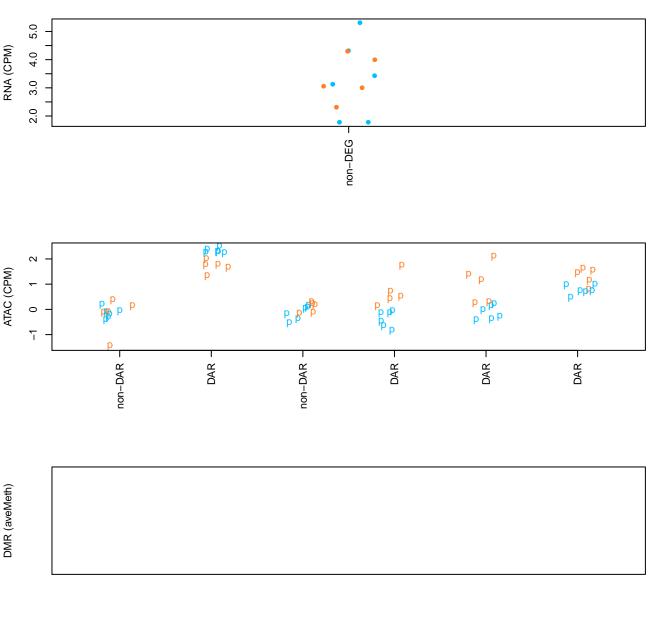
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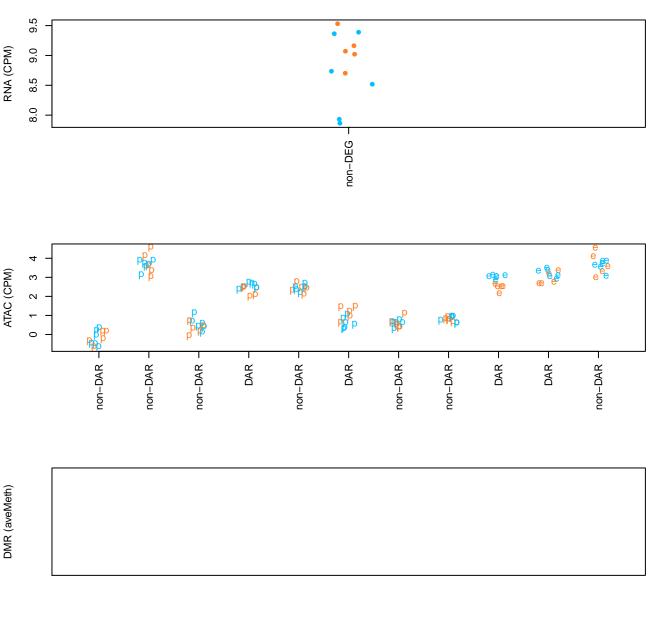
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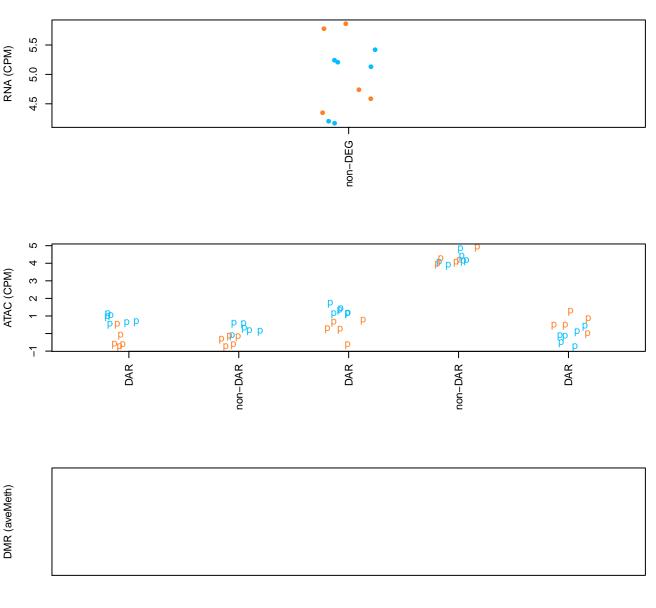
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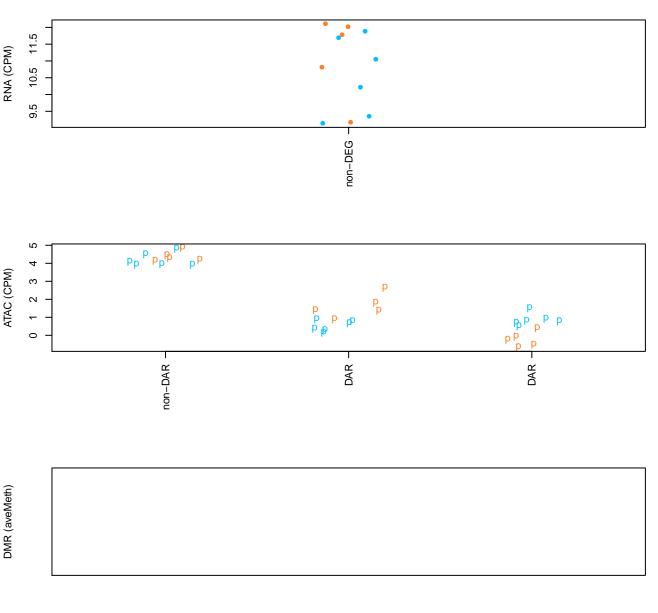
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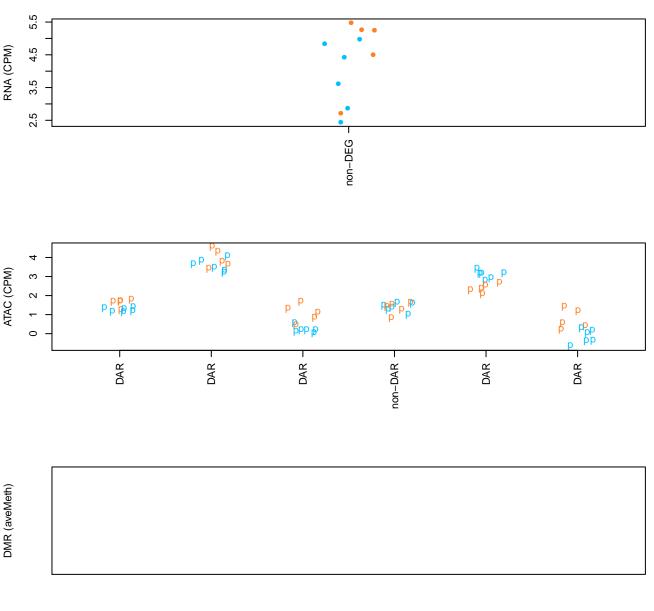
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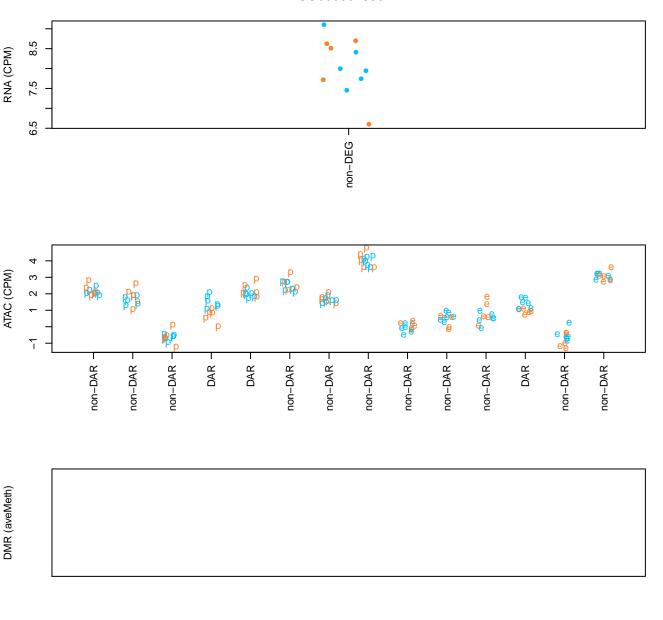
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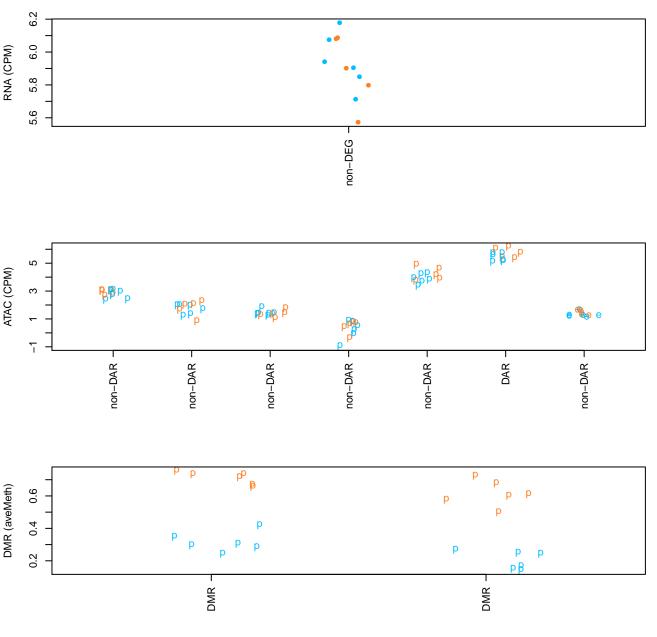
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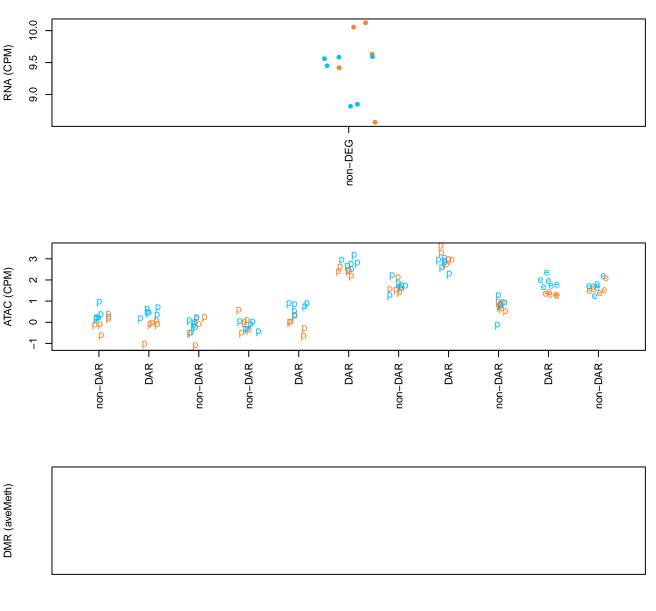
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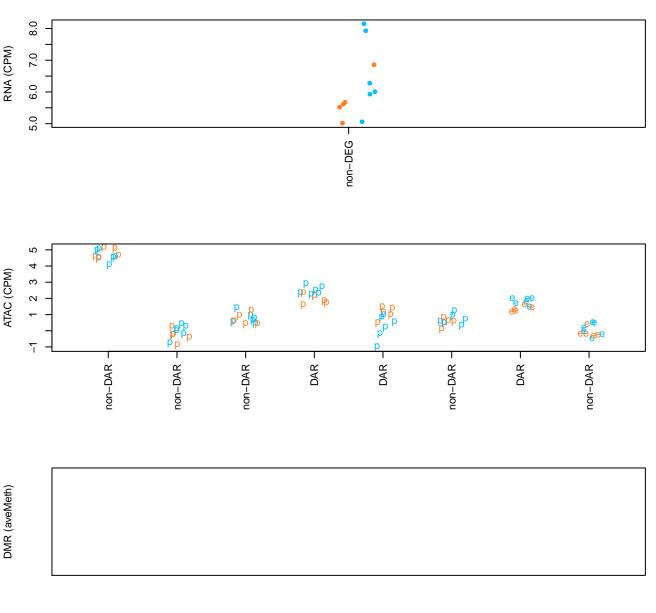
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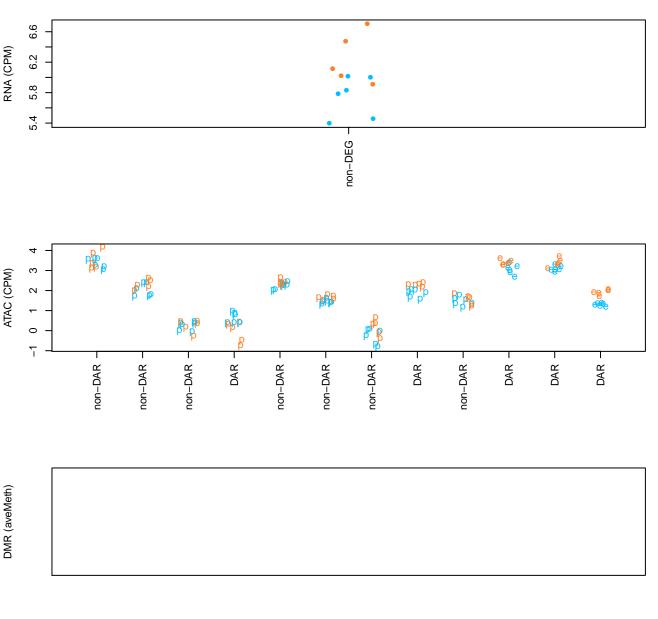
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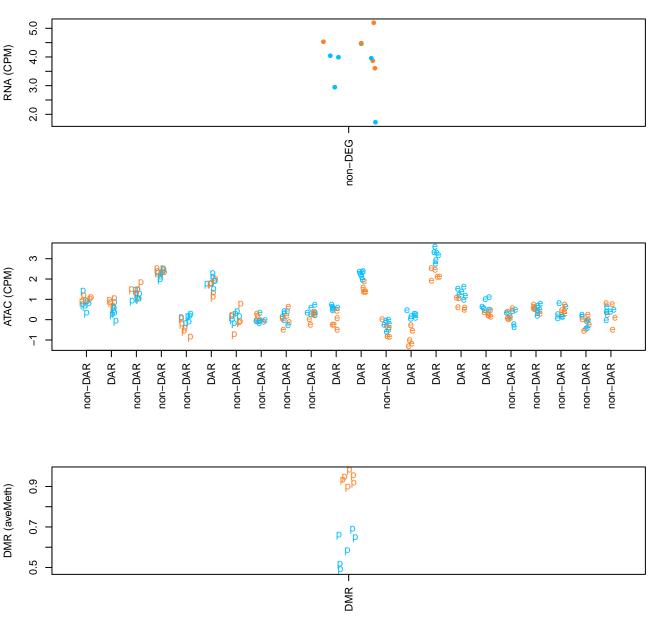
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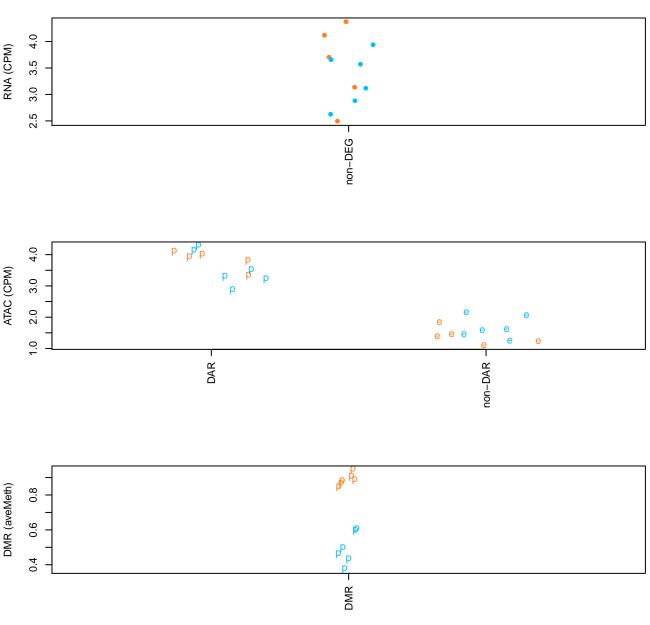
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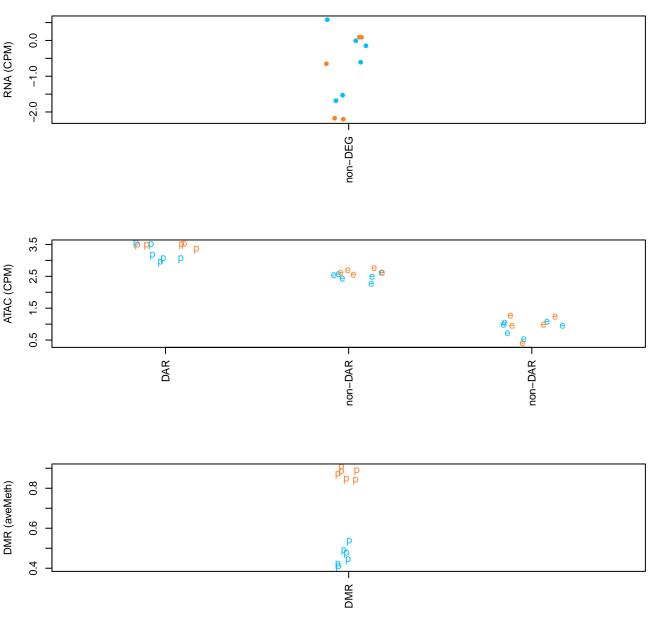
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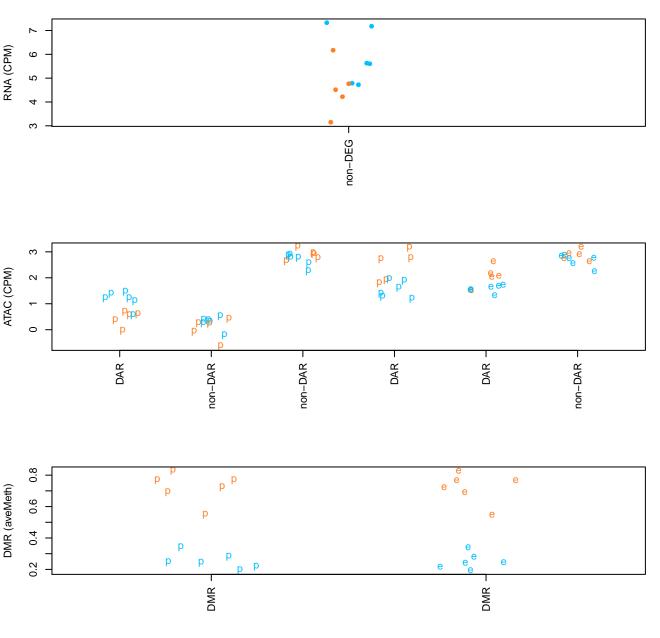
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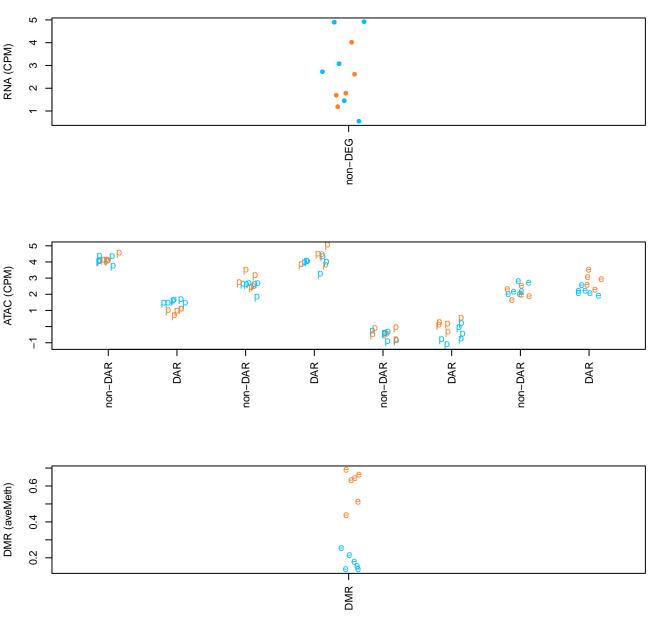
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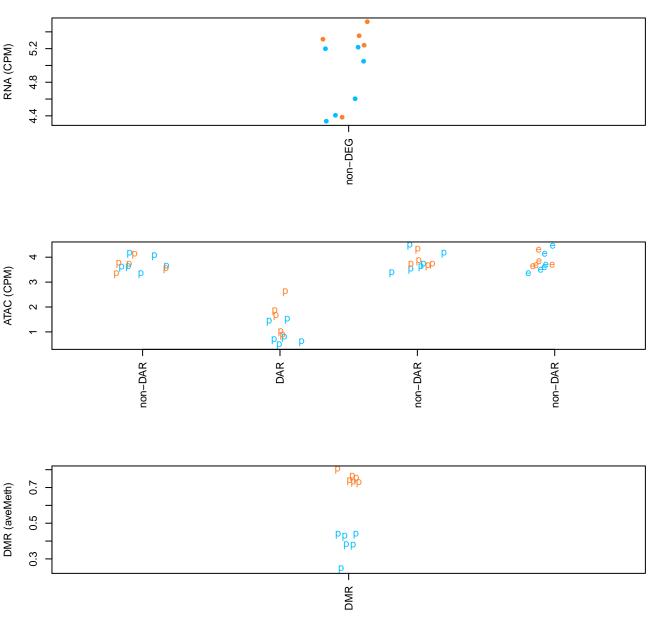
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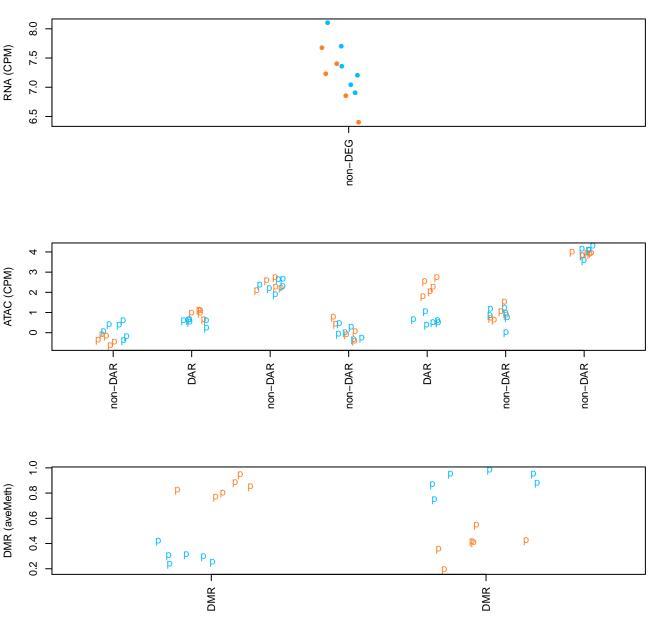
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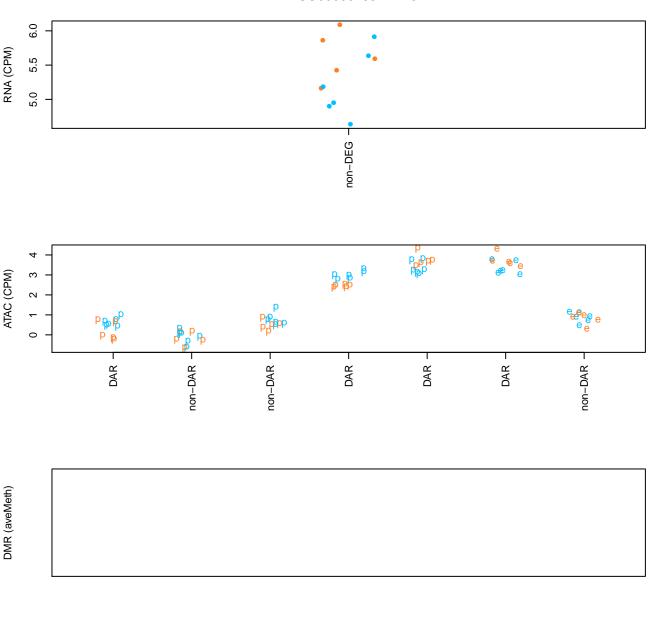
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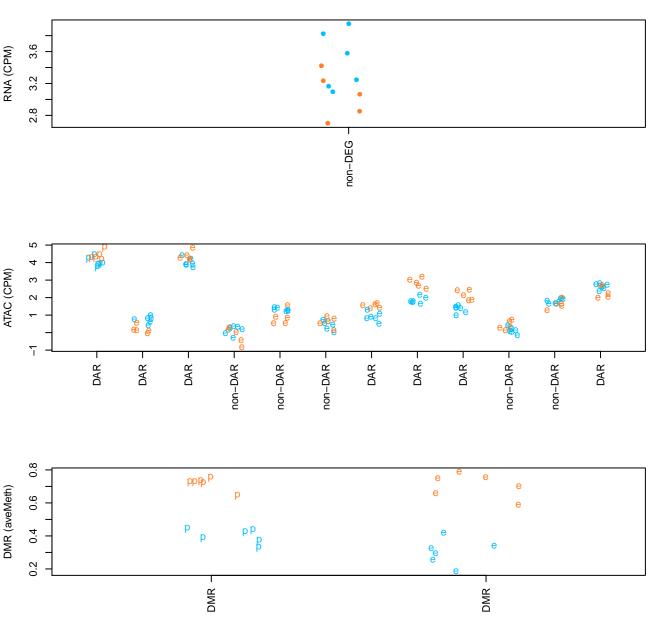
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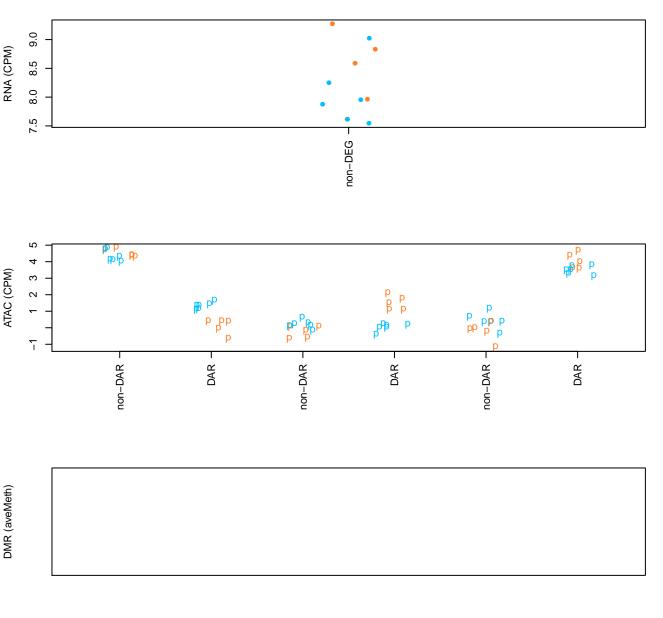
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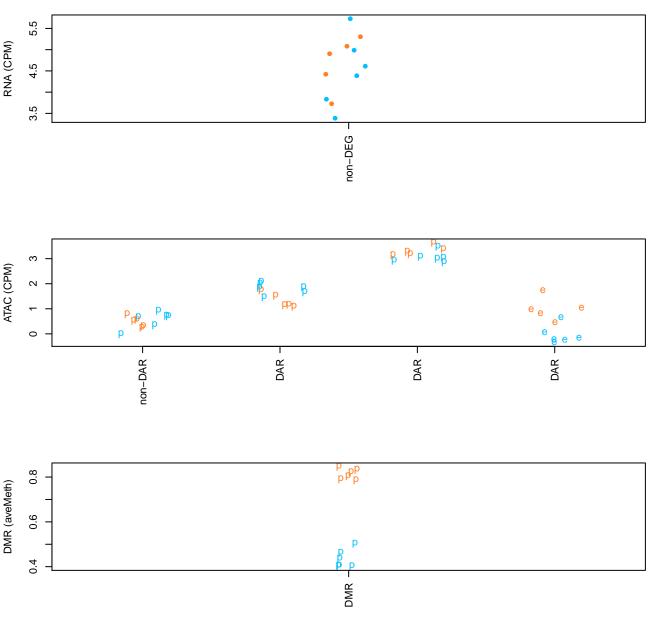
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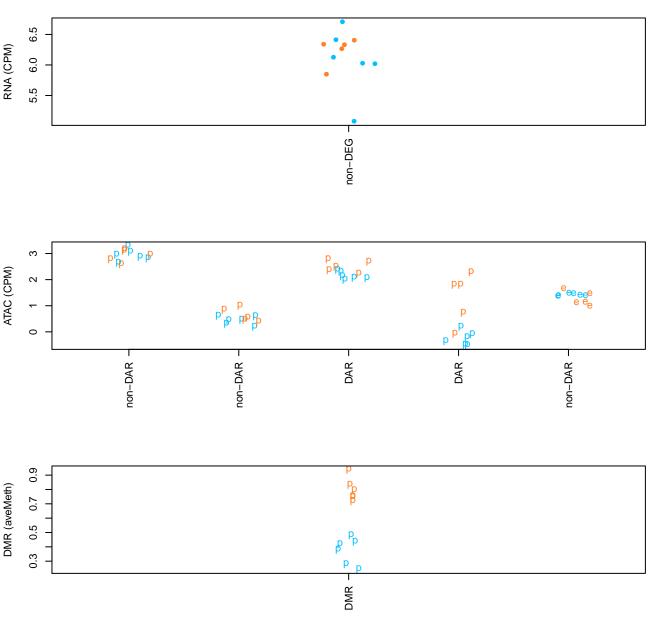
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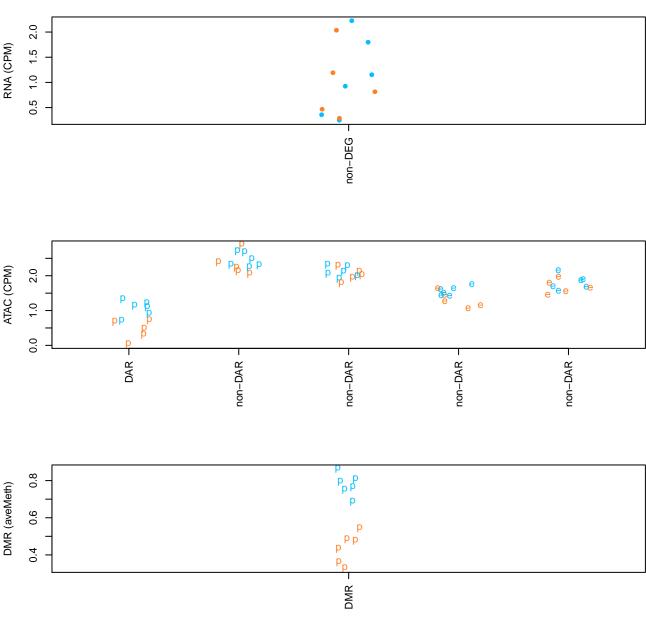
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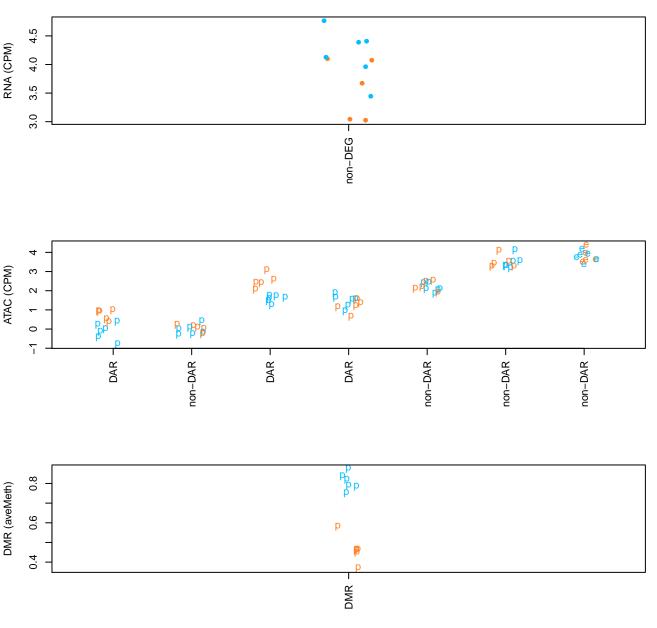
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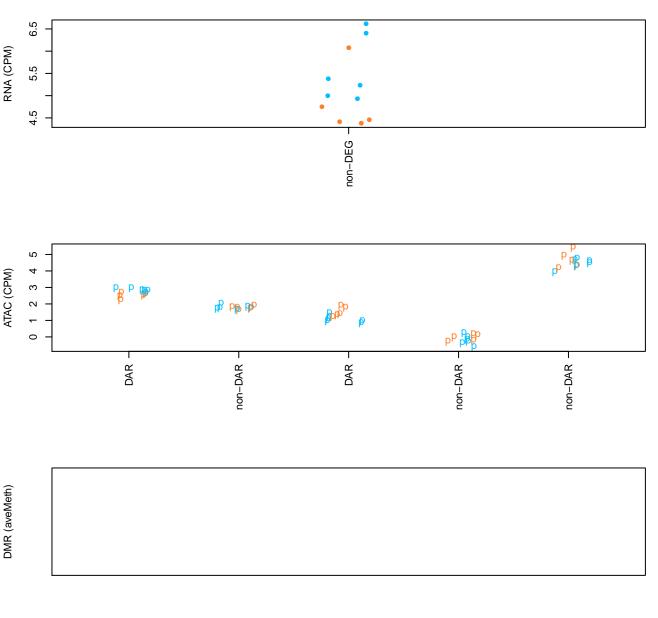
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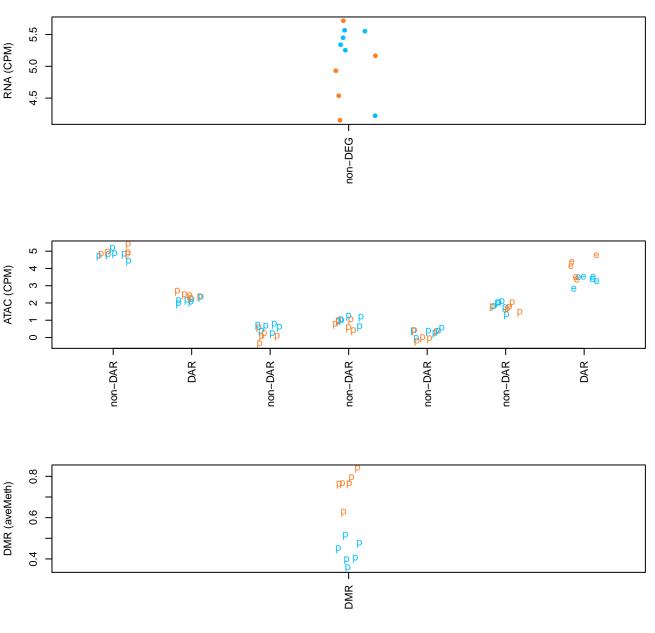
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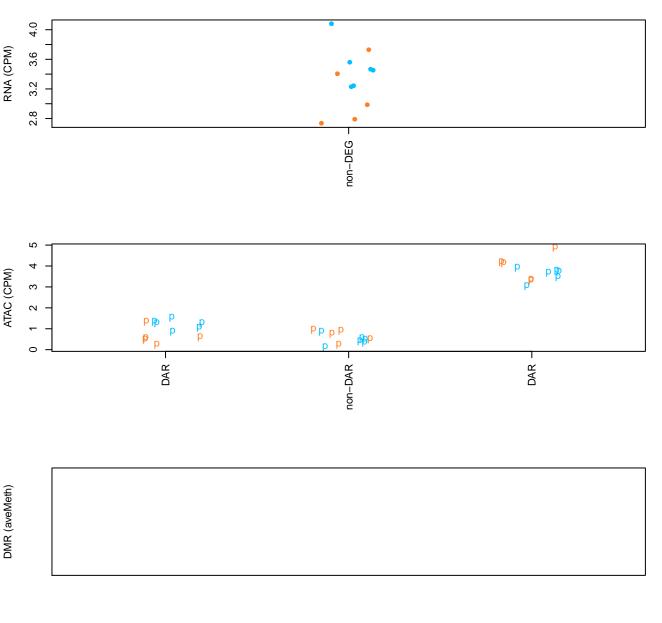
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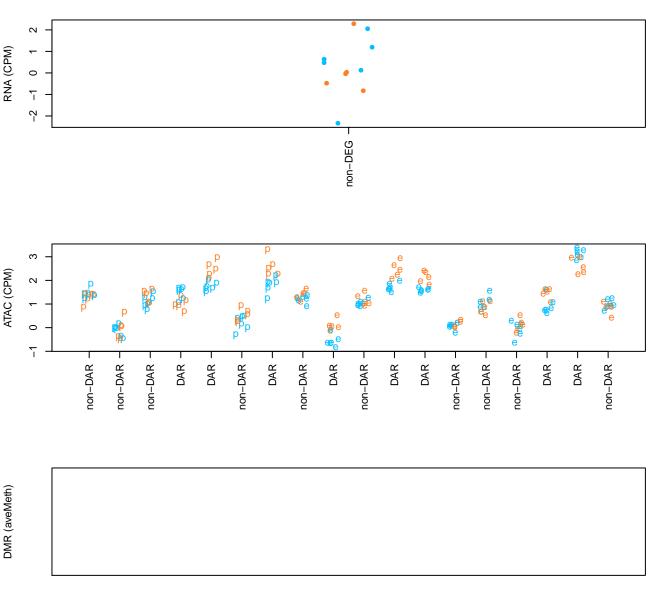
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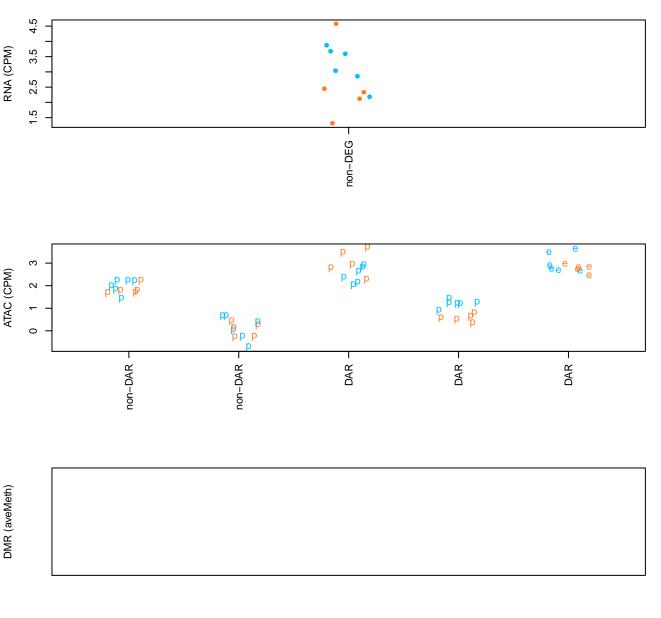
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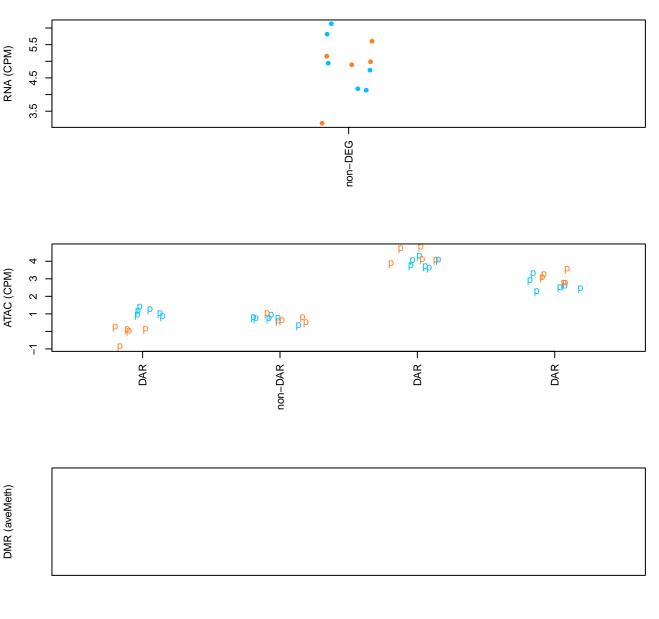
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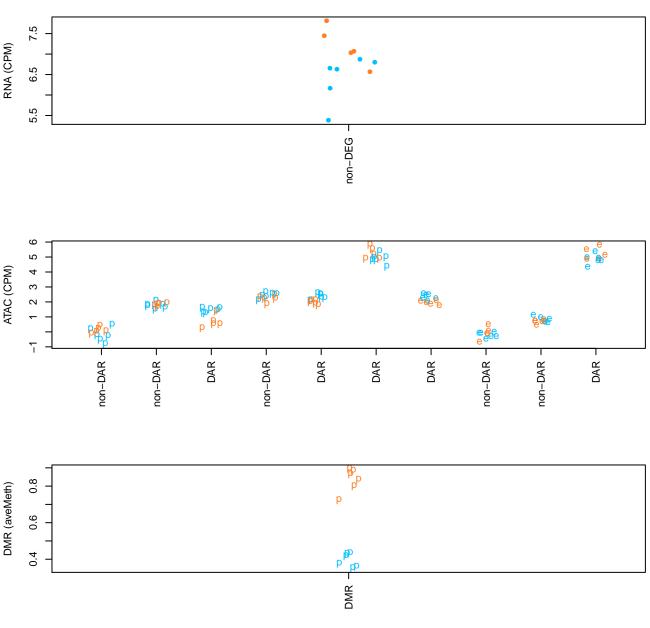
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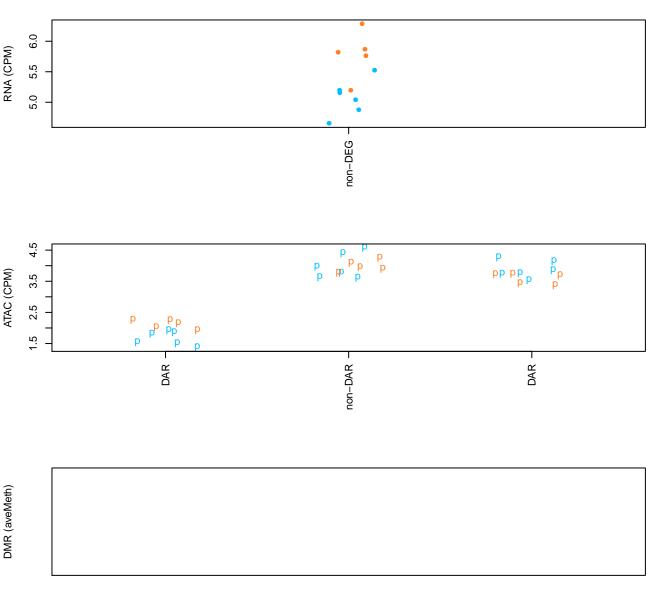
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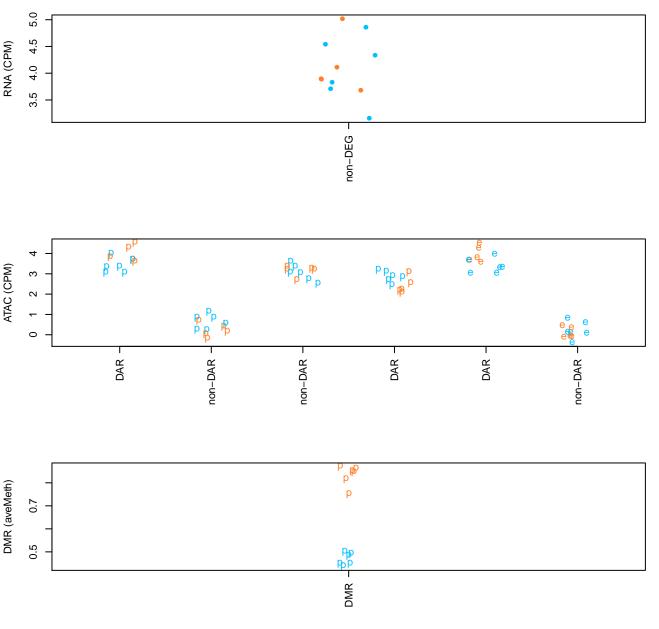
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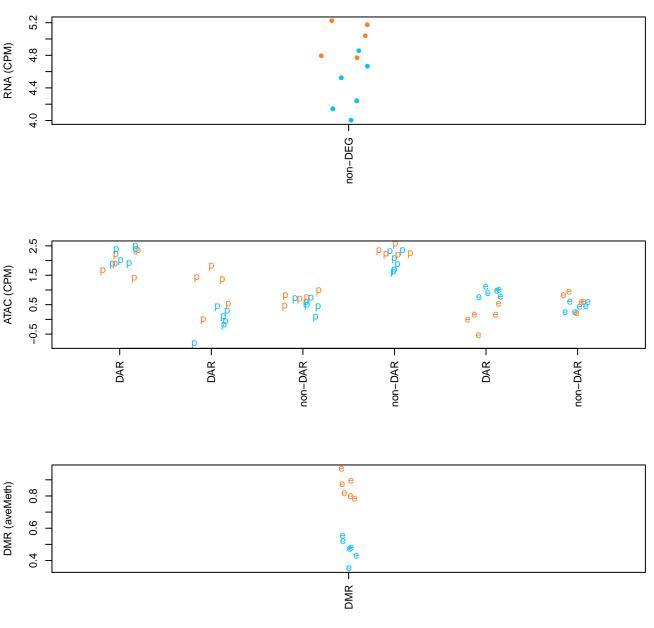
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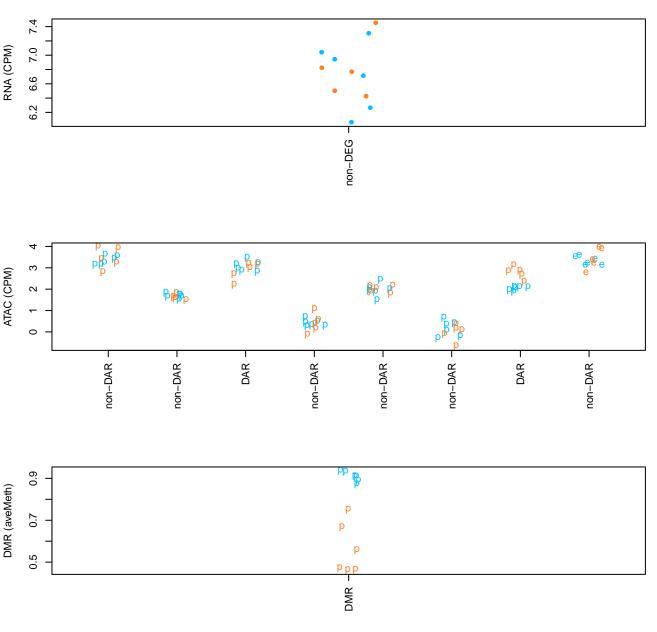
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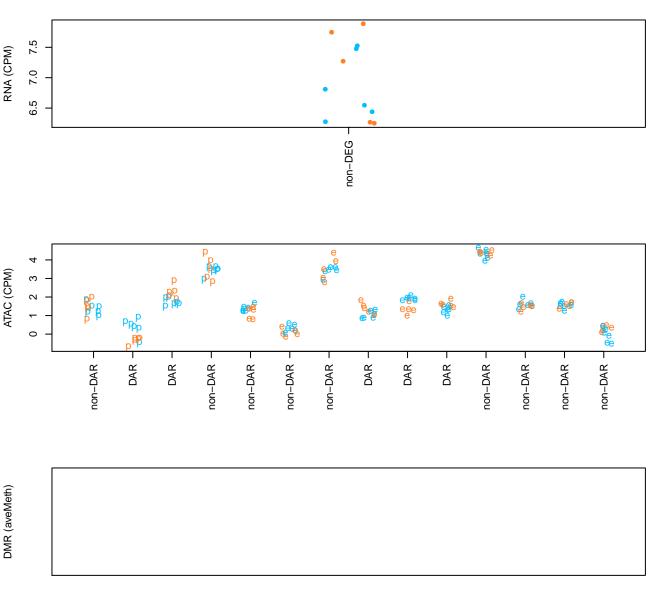
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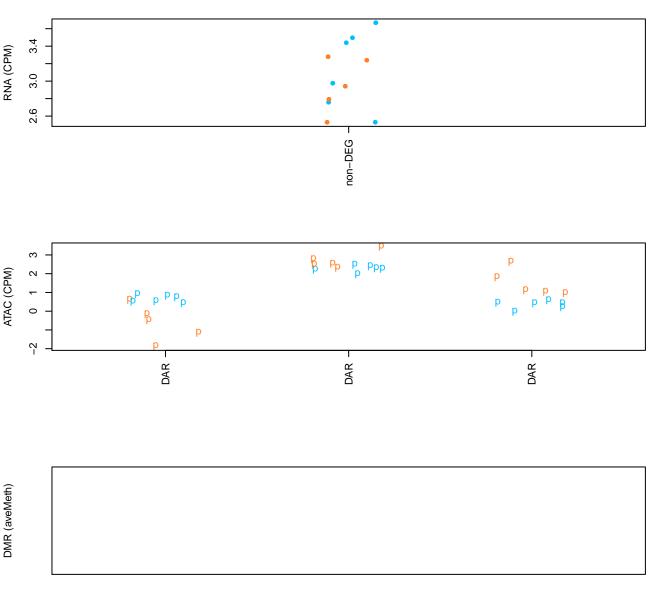
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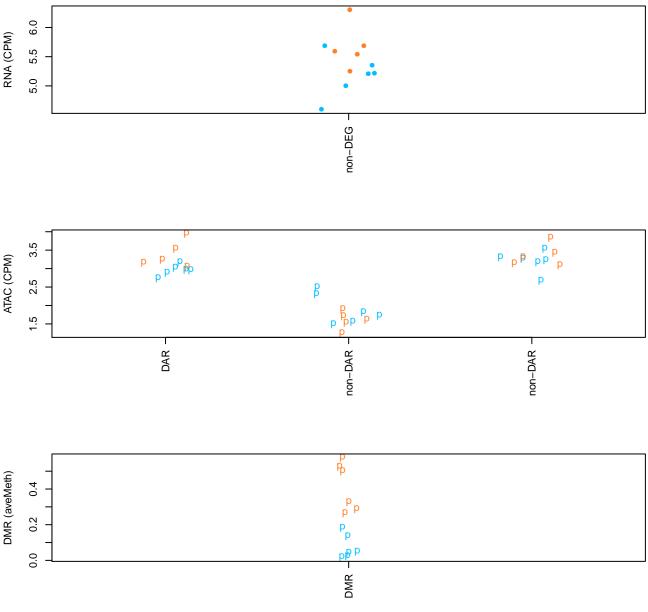
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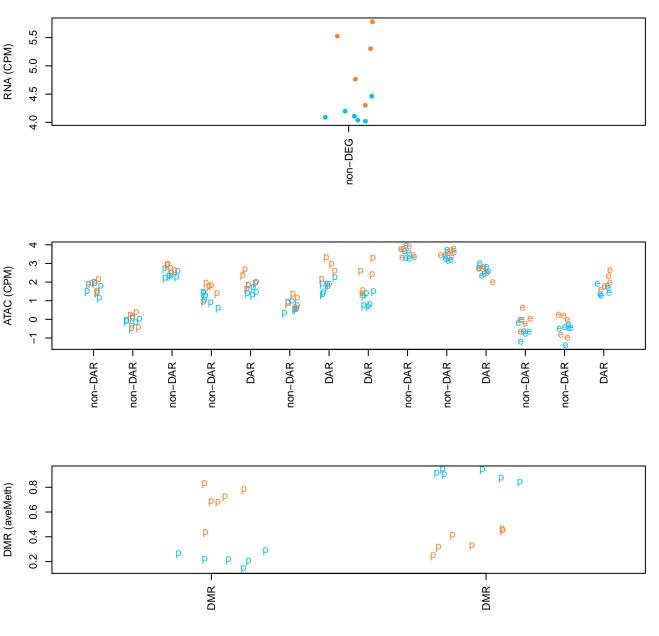
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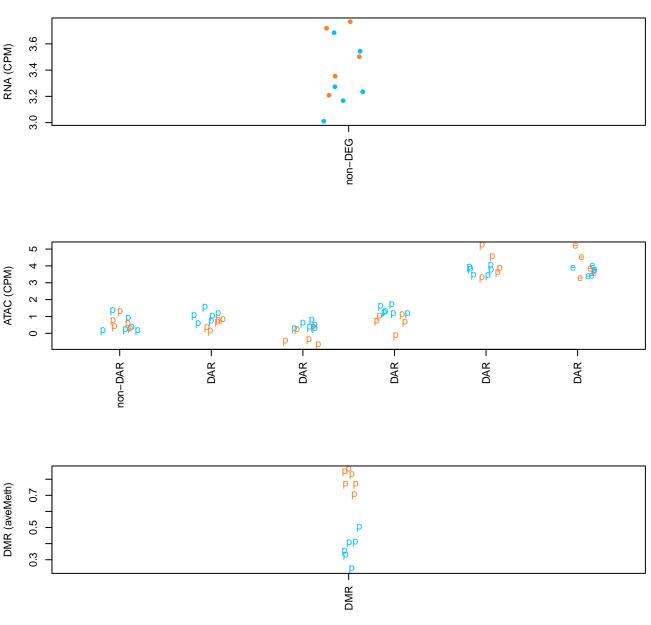
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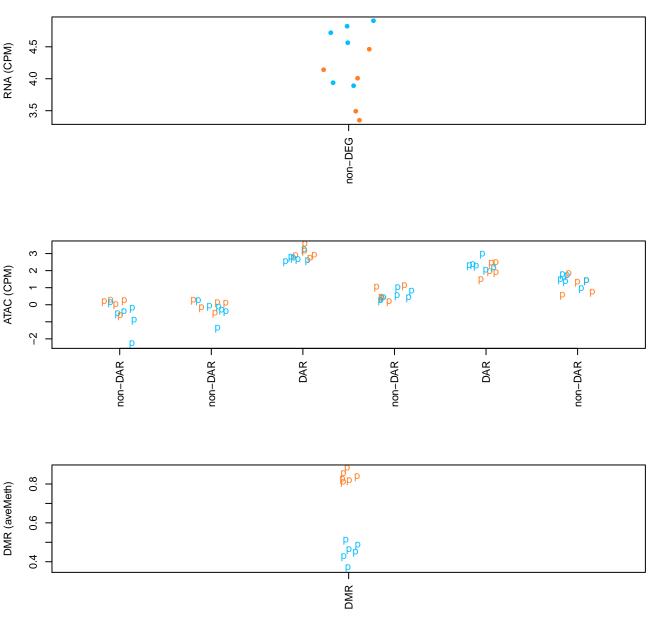
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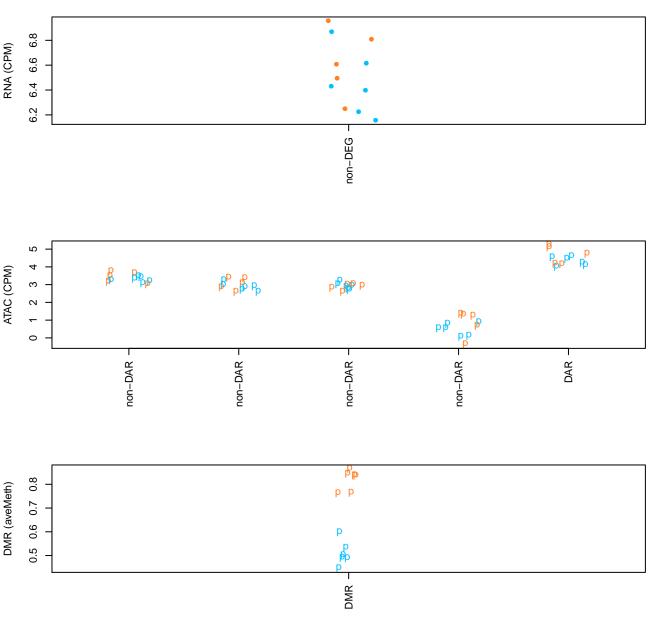
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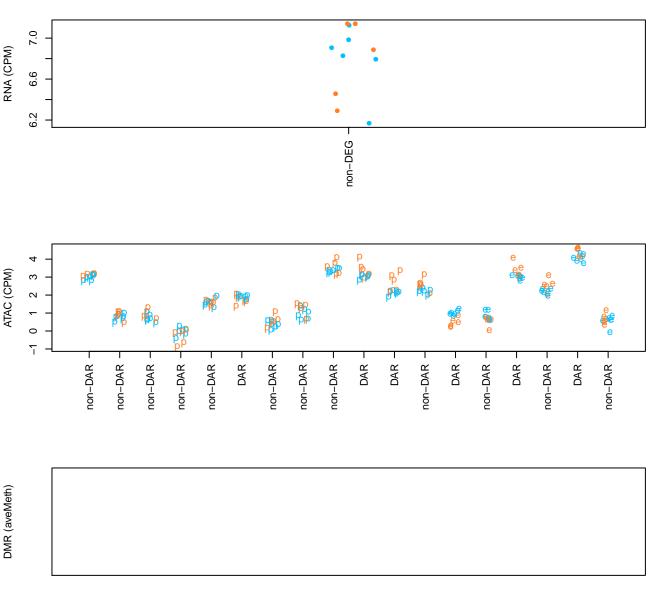
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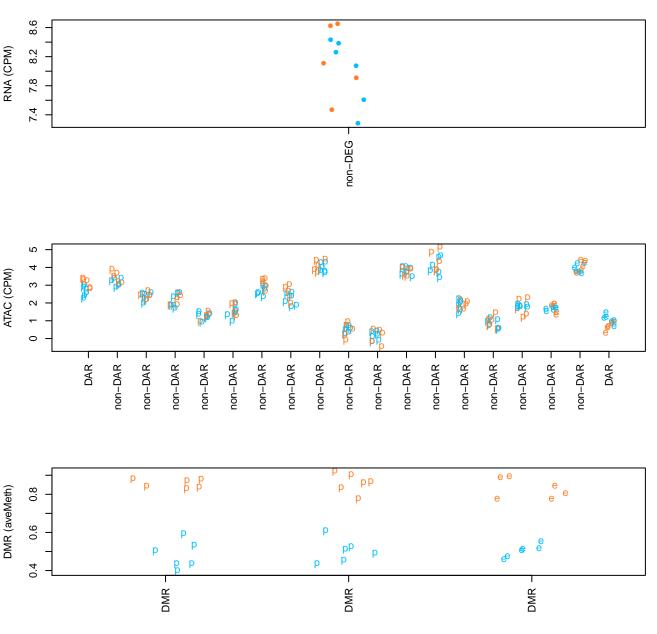
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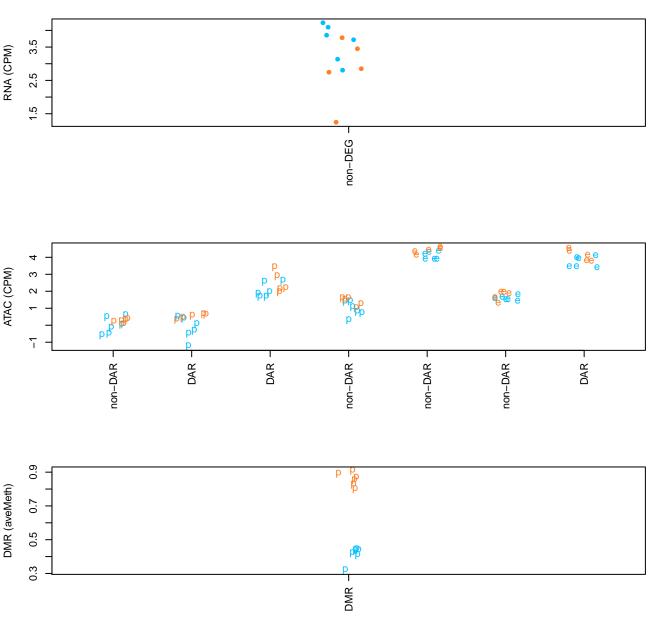
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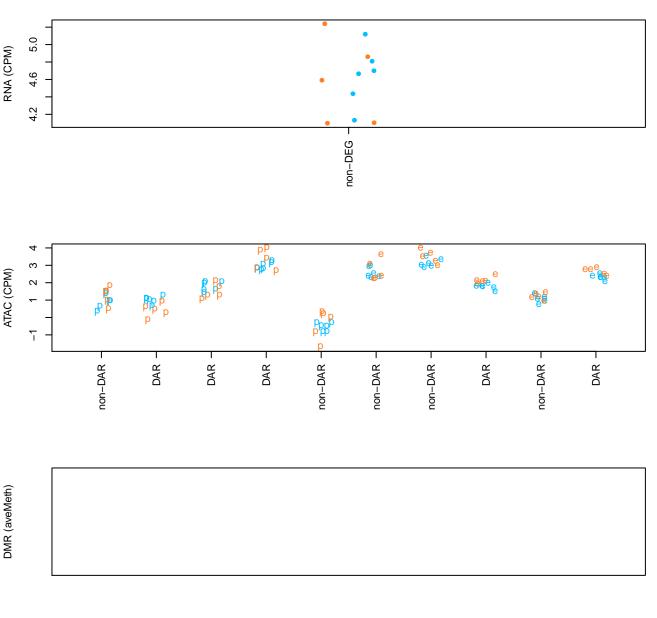
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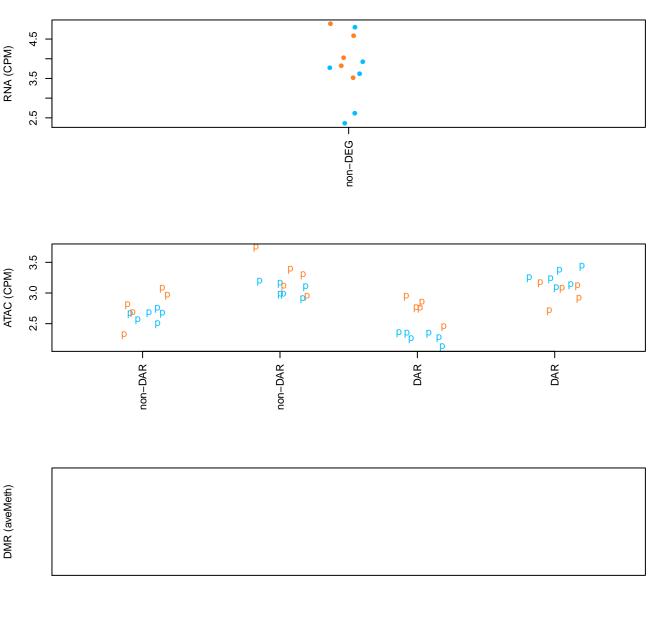
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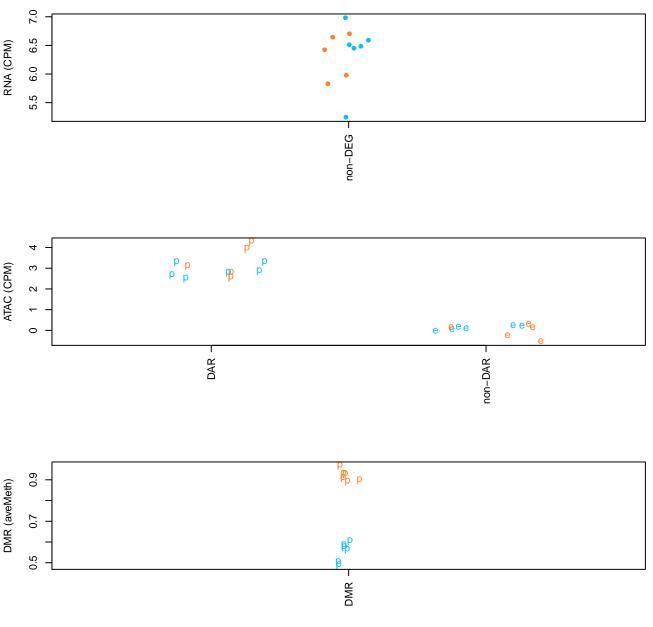
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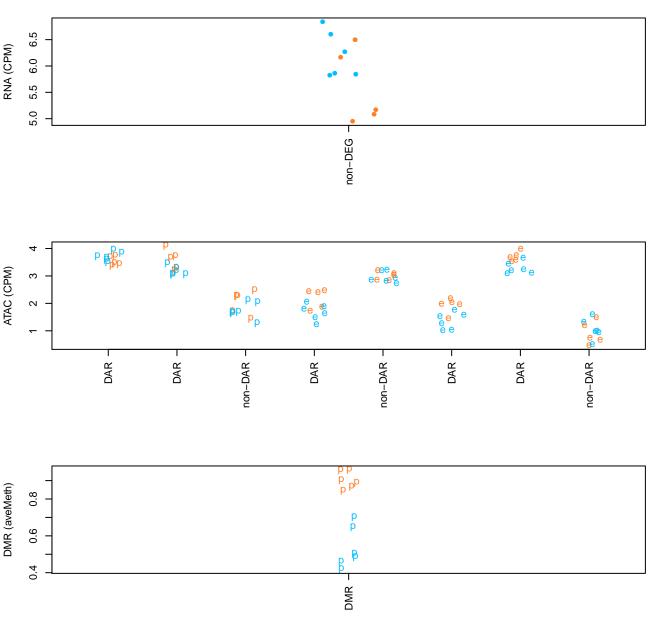


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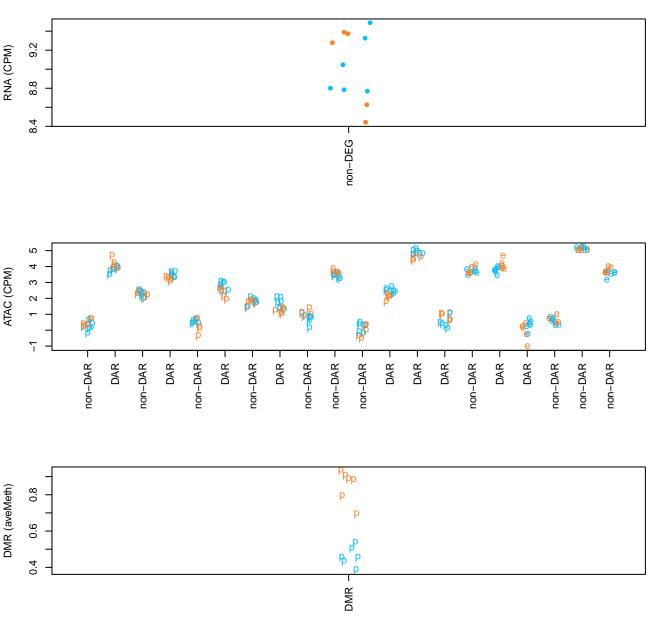


ENSG00000162642.9 5.0 3.0 3.5 4.0 4.5 RNA (CPM) non-DEG p p p p ATAC (CPM) က N ee ee e eee e **€ €** e e 0 DAR DAR non-DAR non-DAR non-DAR Вр Вр 0.8 DMR (aveMeth) 9.0 0.4 0.2 DMR -

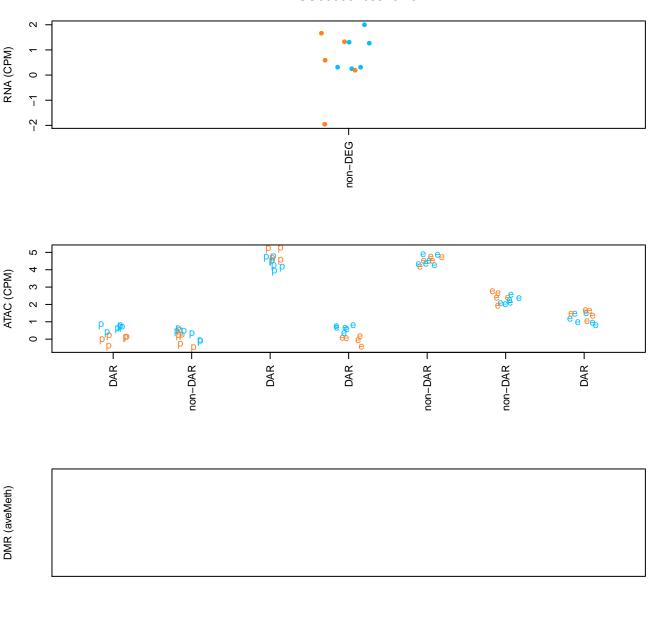
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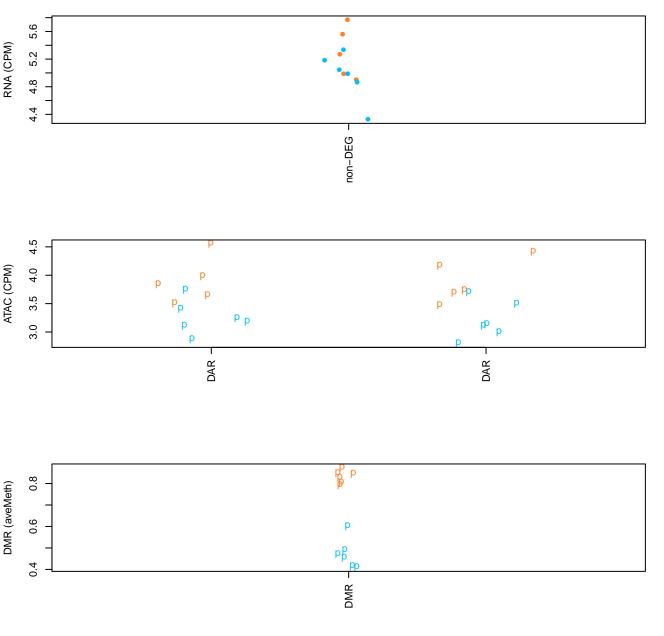
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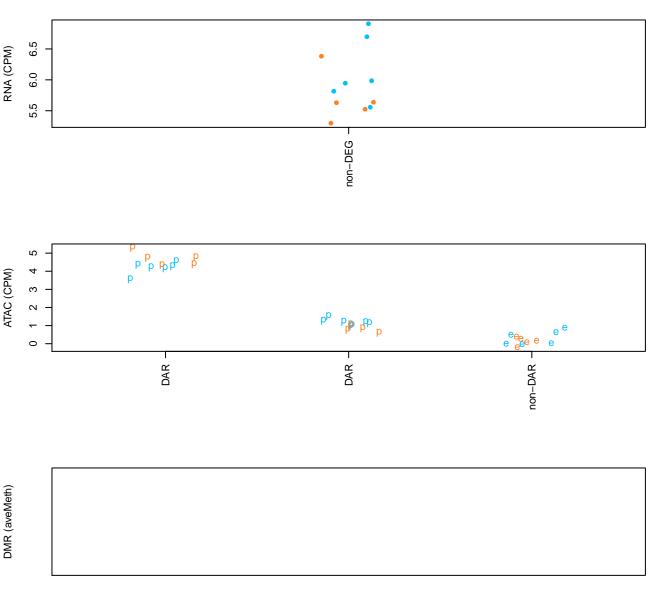
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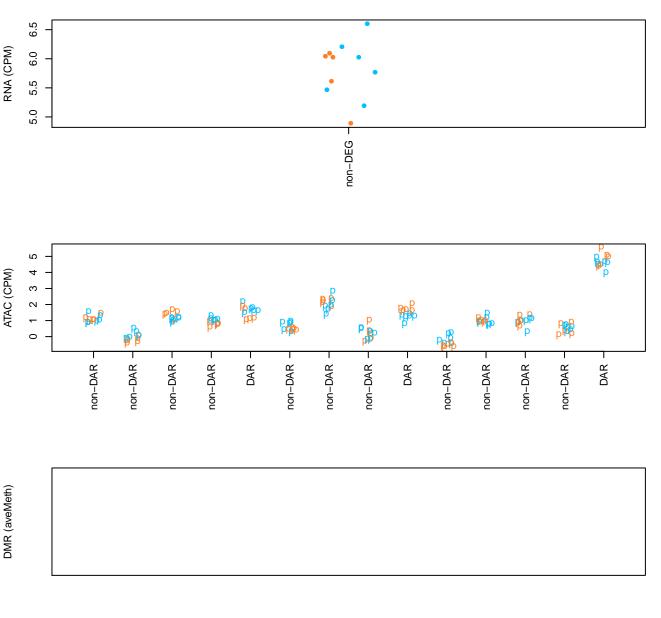
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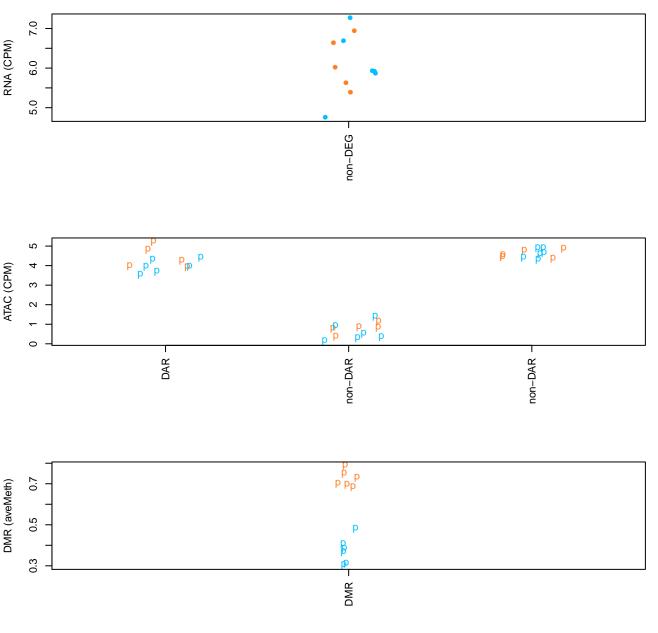
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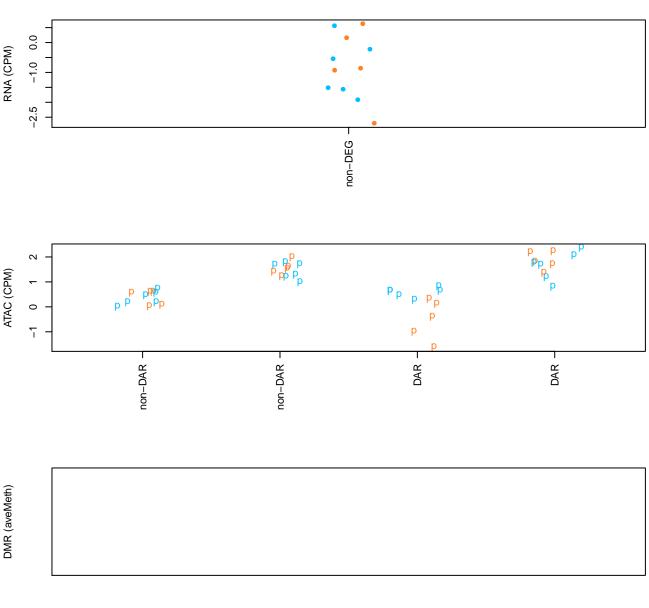
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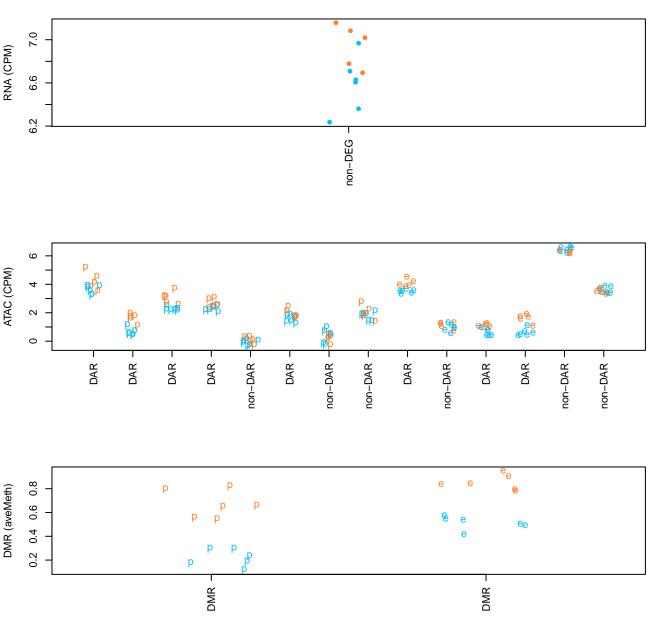
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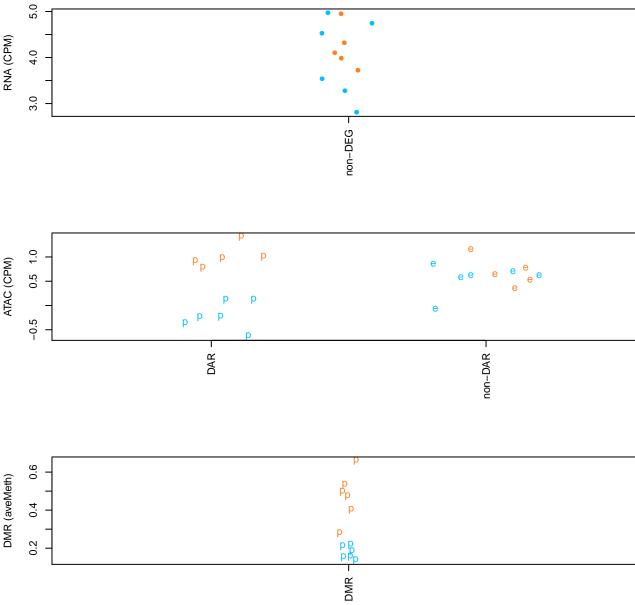
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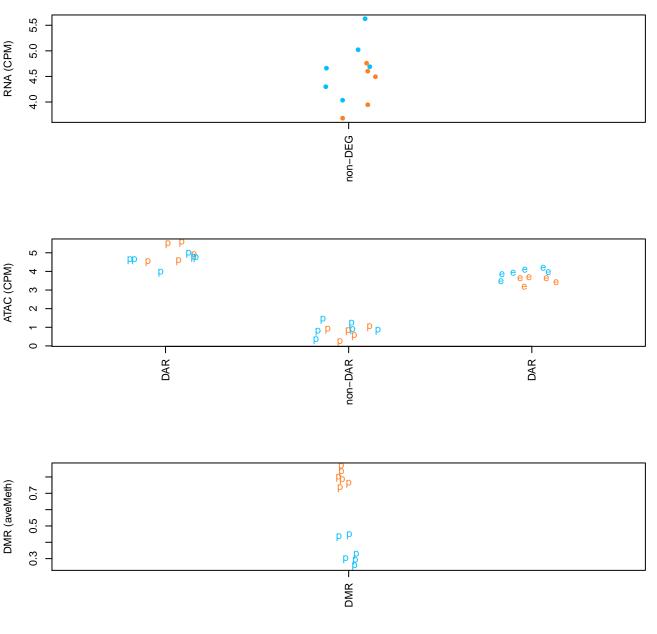
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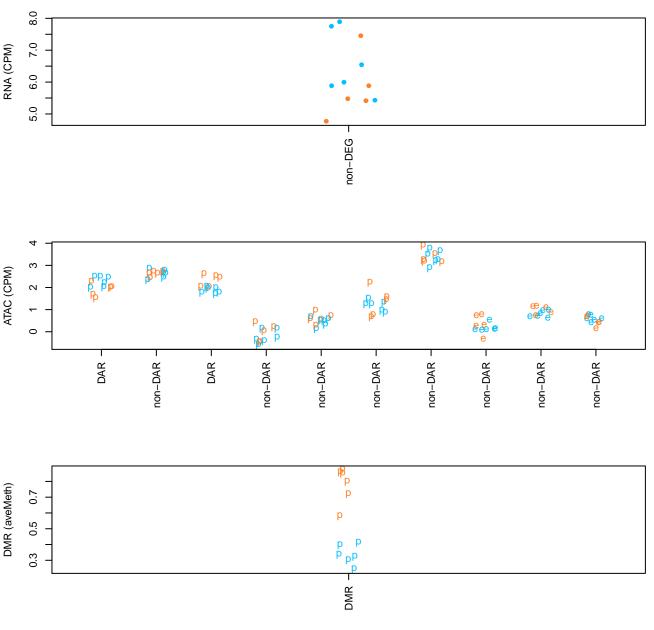


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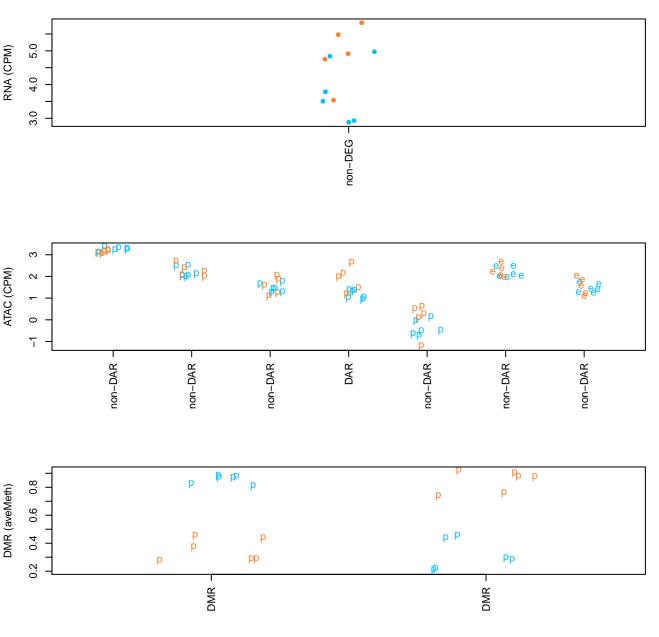


ENSG00000164440.10 5.0 RNA (CPM) 4.0 3.0 non-DEG Po p p 2.5 ATAC (CPM) 1.5 pp p p -0.5 0.5 p DAR -DAR non-DAR -DMR (aveMeth)

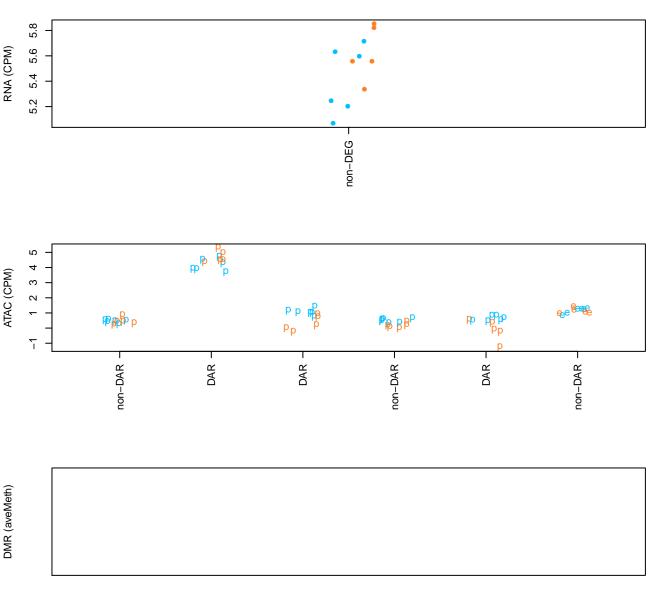
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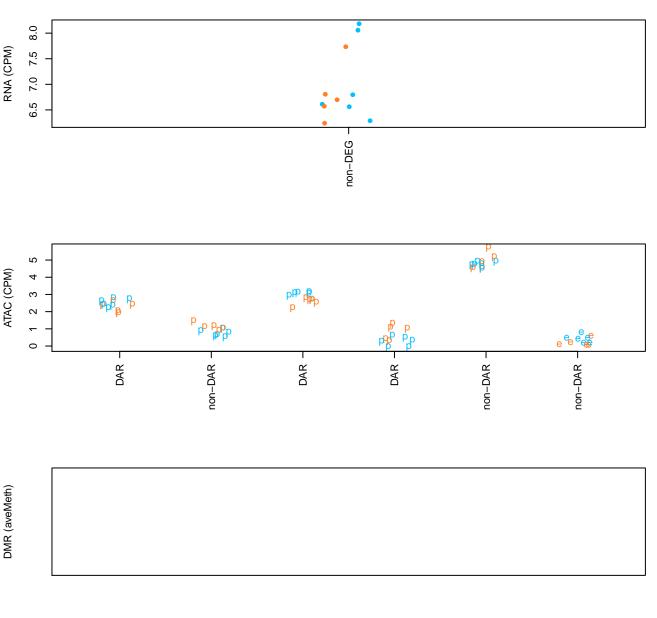
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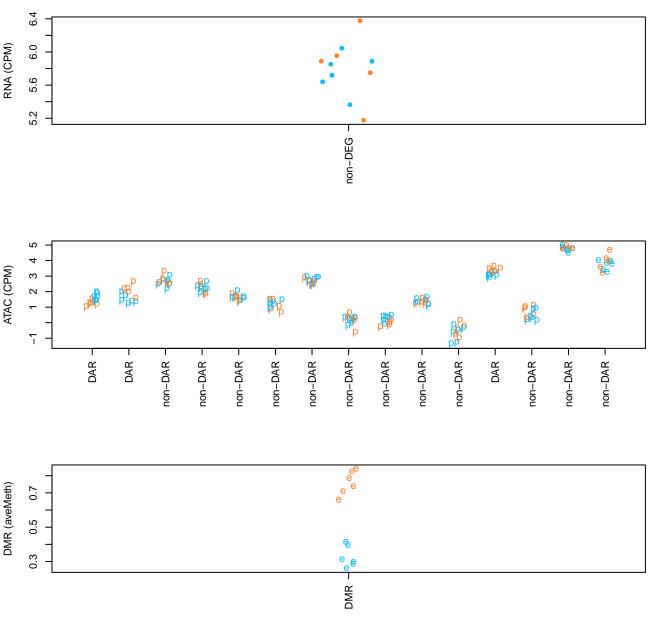
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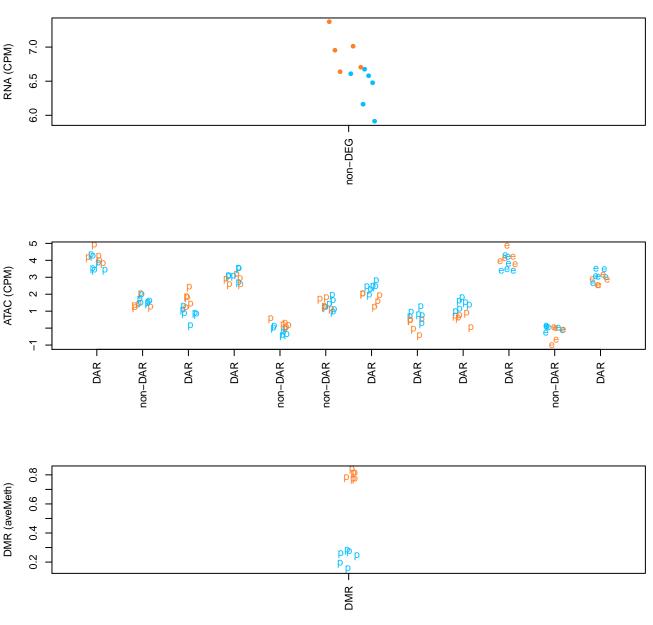
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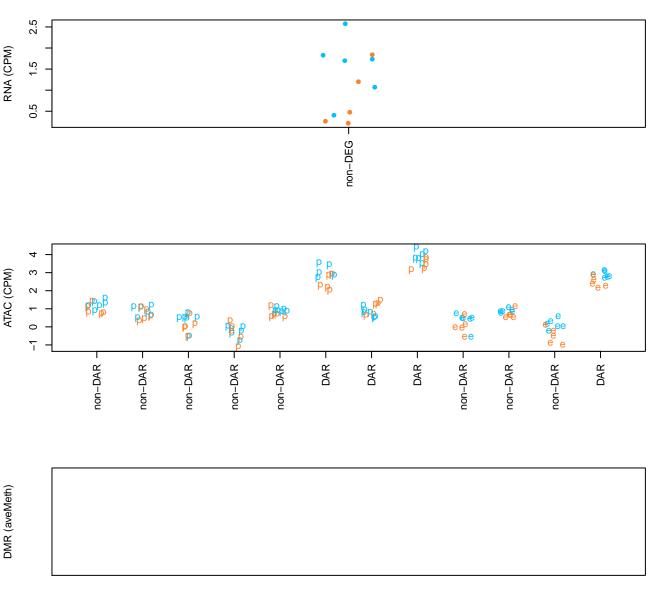
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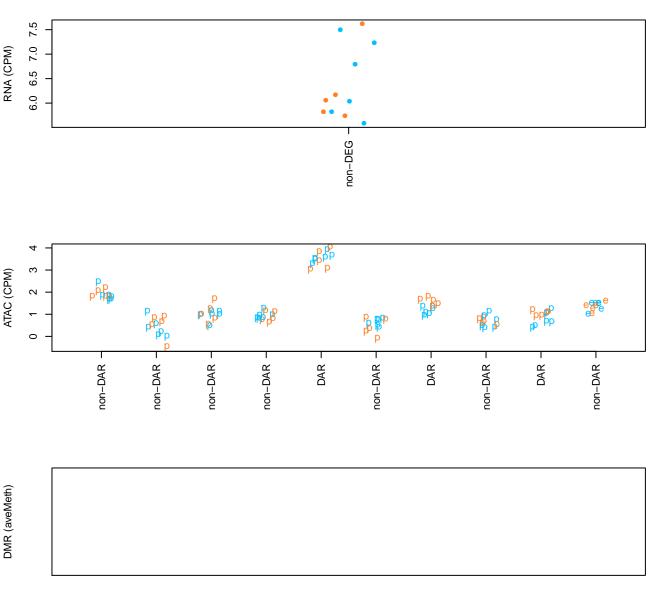
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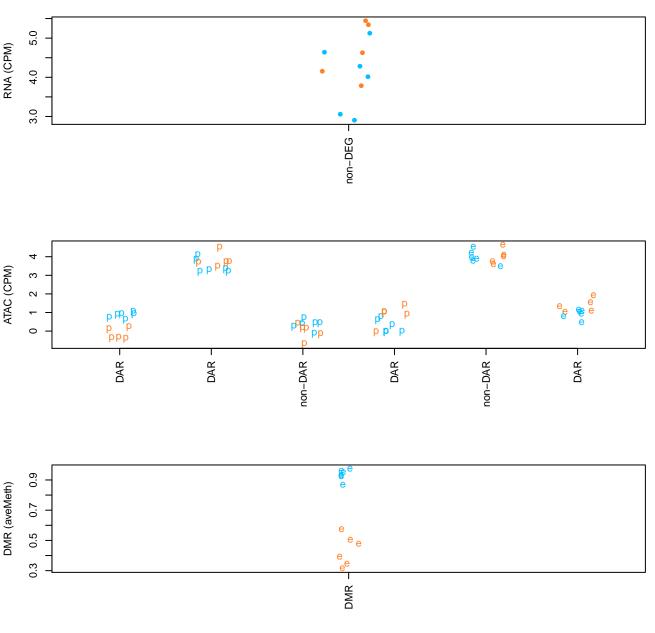
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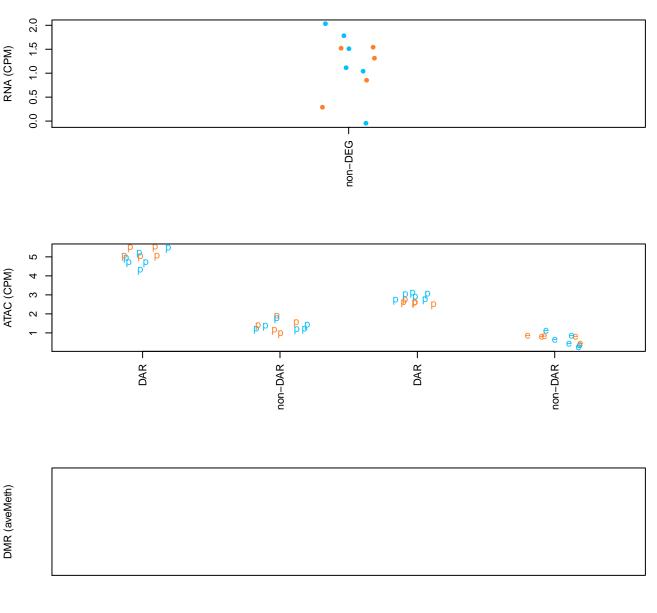
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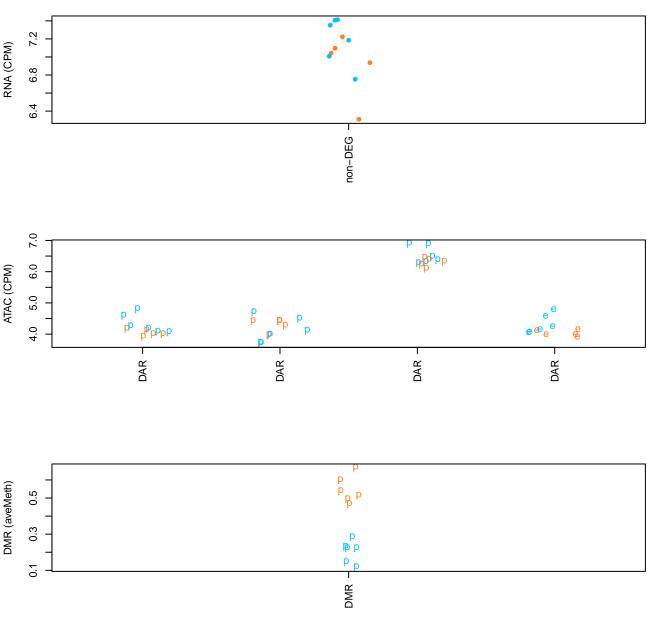
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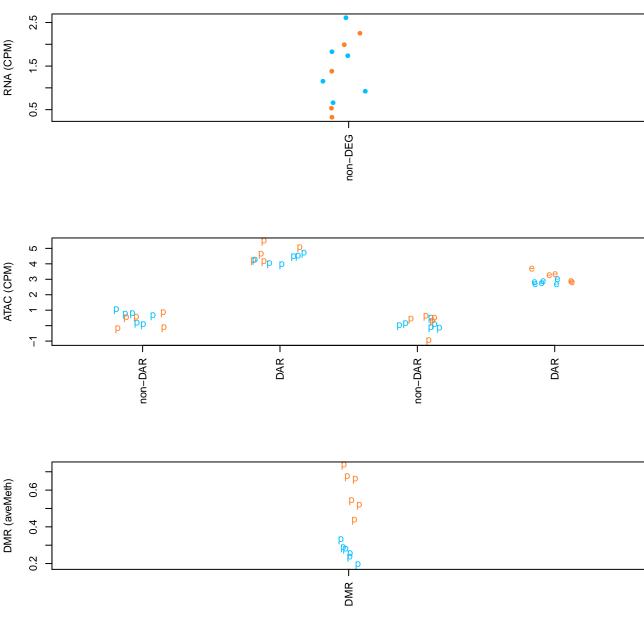
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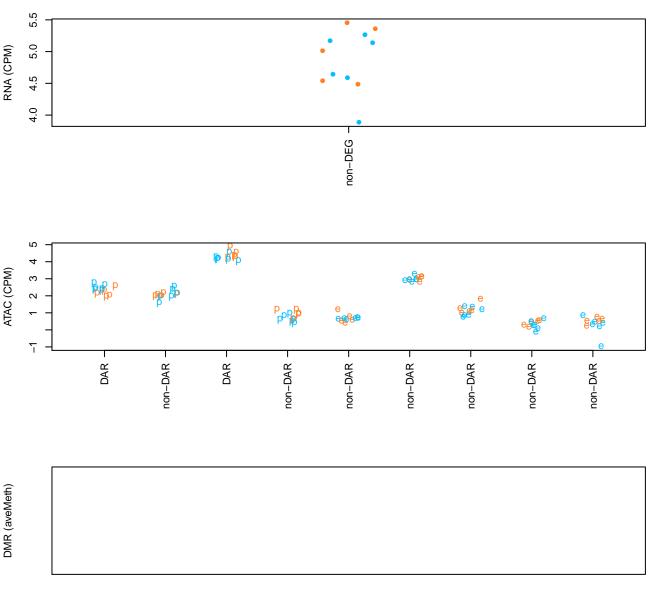
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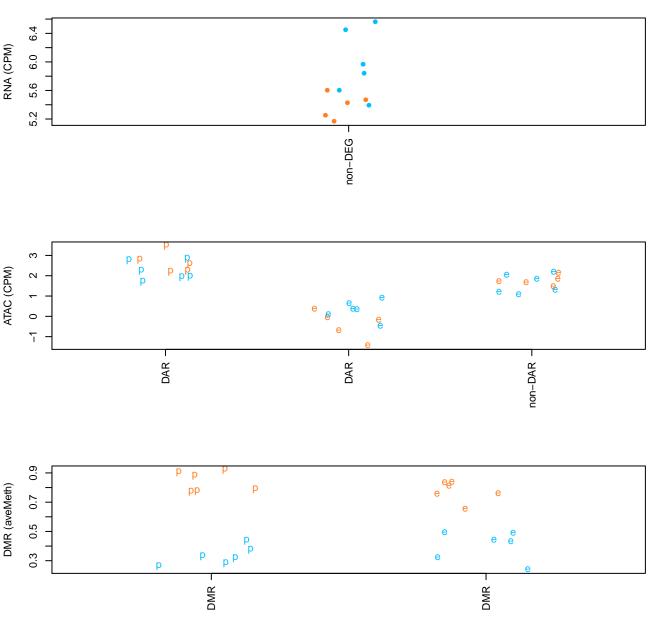


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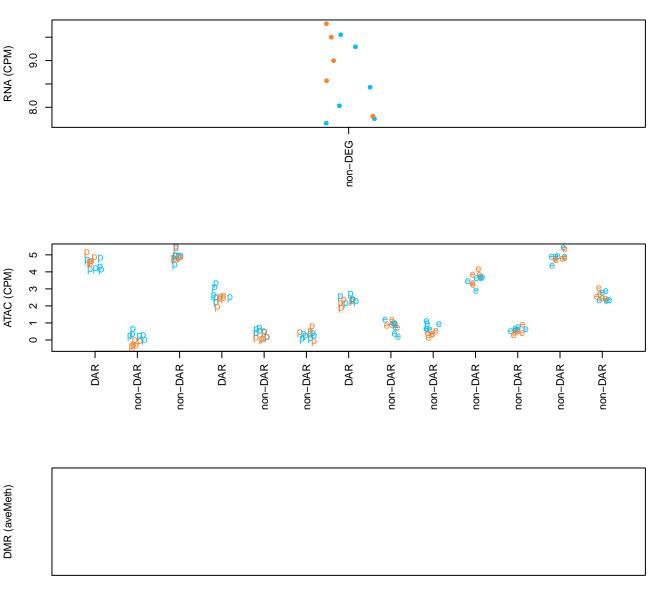


ENSG00000166685.7 8.0 6.5 7.0 7.5 RNA (CPM) non-DEG ATAC (CPM) က 0 b bbb bb b b b b bbb 0 DAR non-DAR non-DAR non-DAR p p 0.8 DMR (aveMeth) 0.5 0.6 0.7 DMR

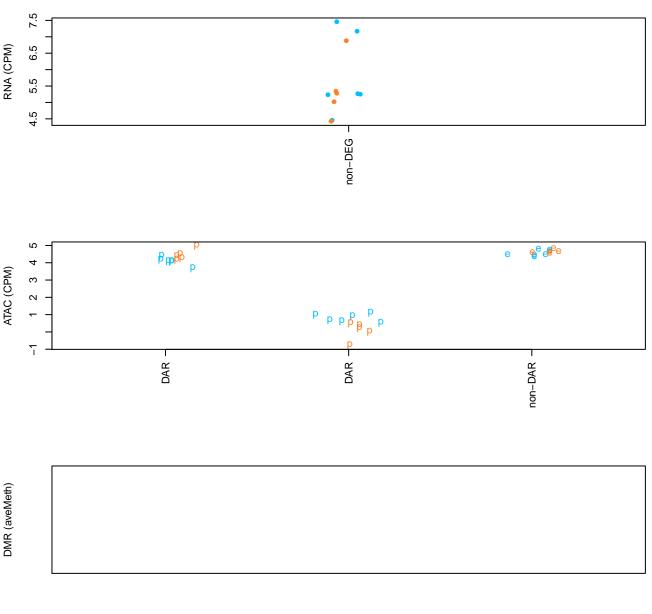
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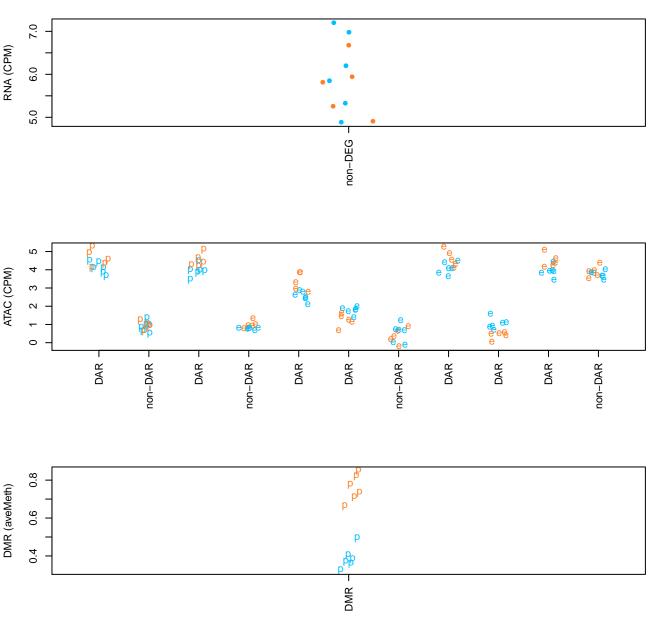
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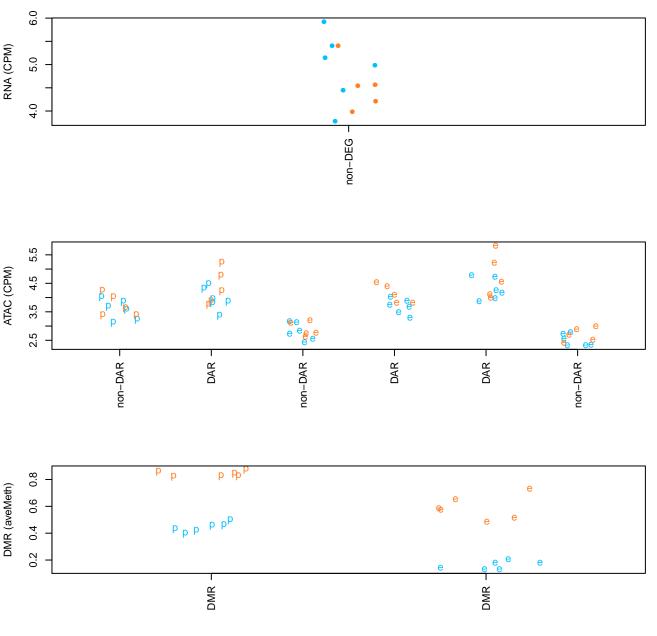
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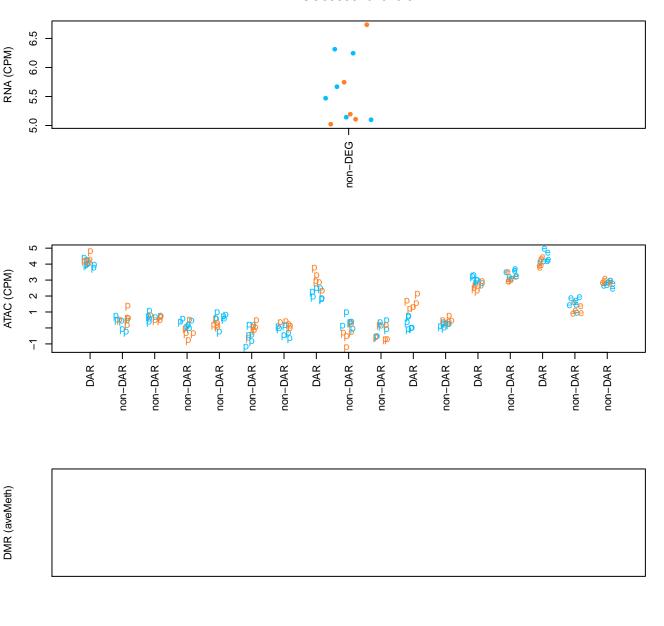
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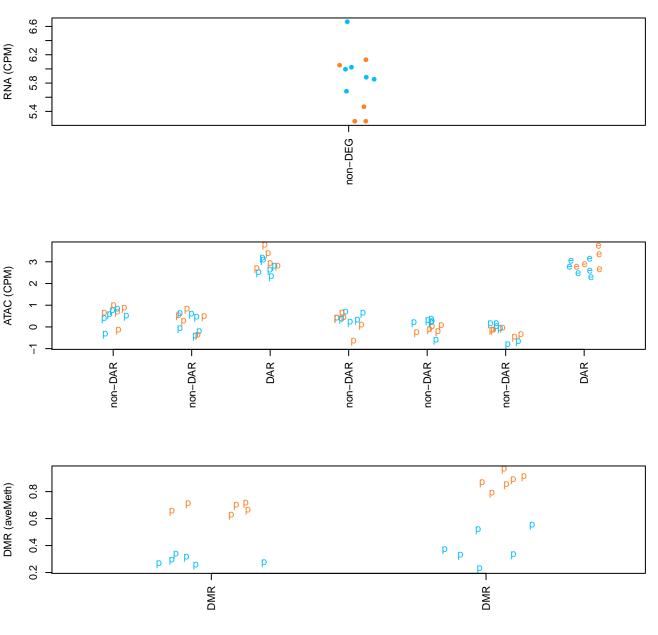
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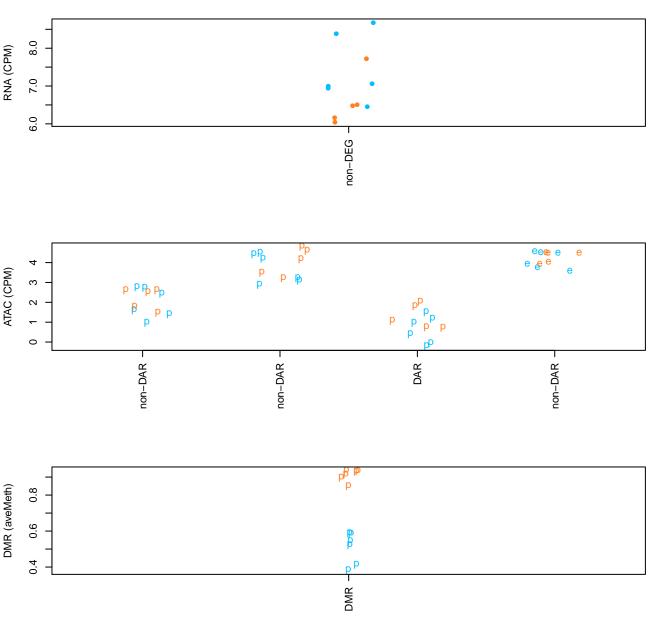
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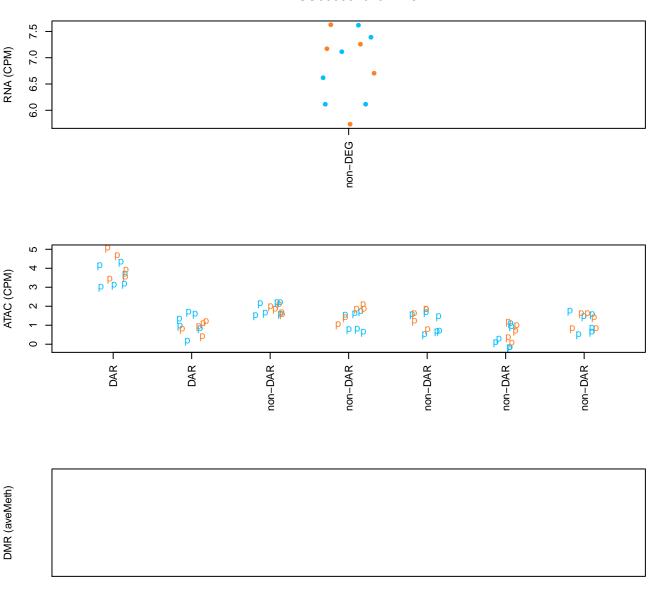
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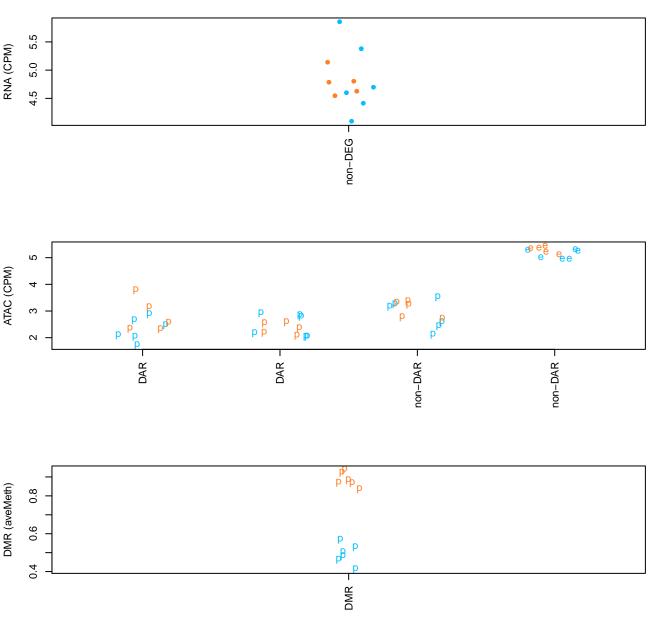
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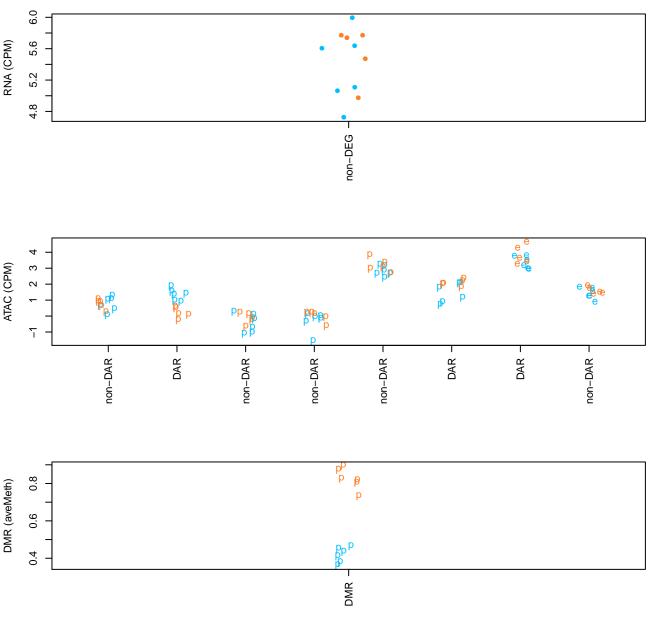
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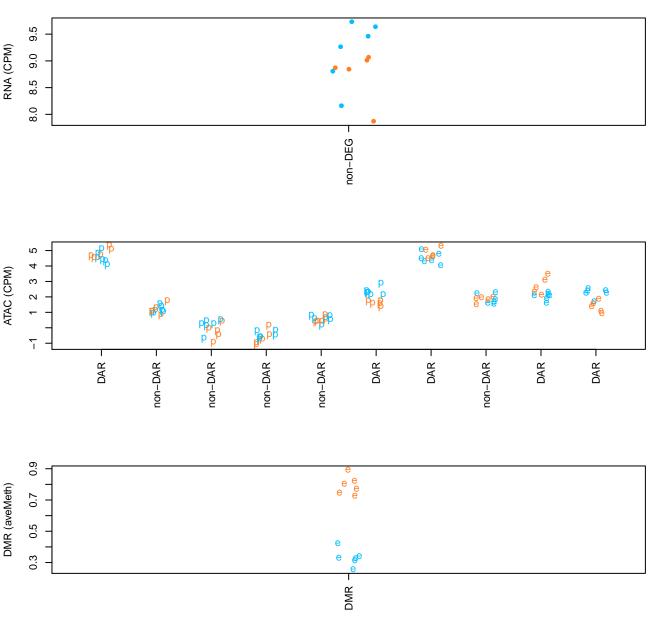
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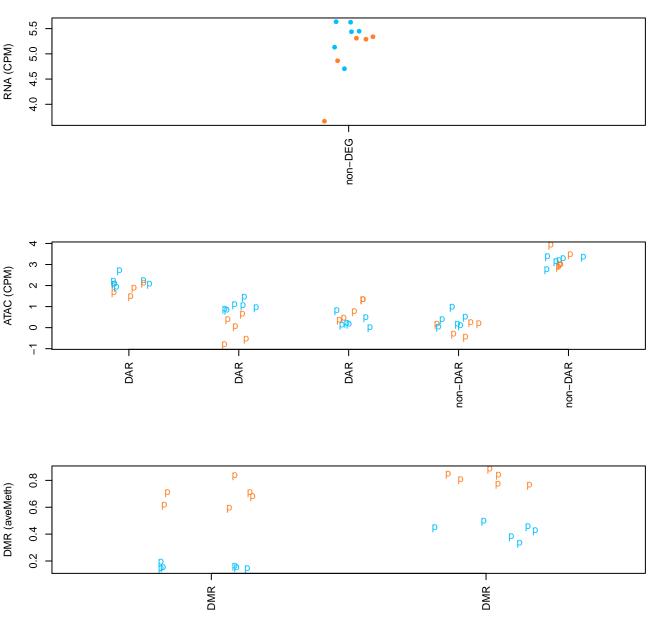
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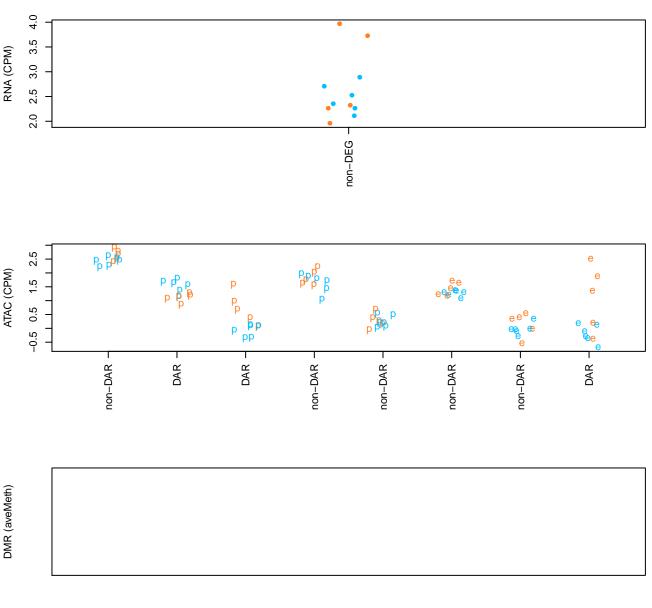
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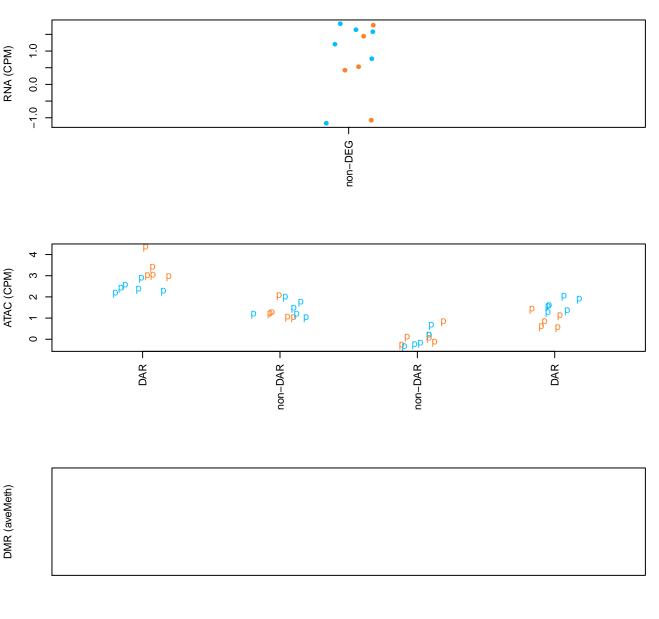
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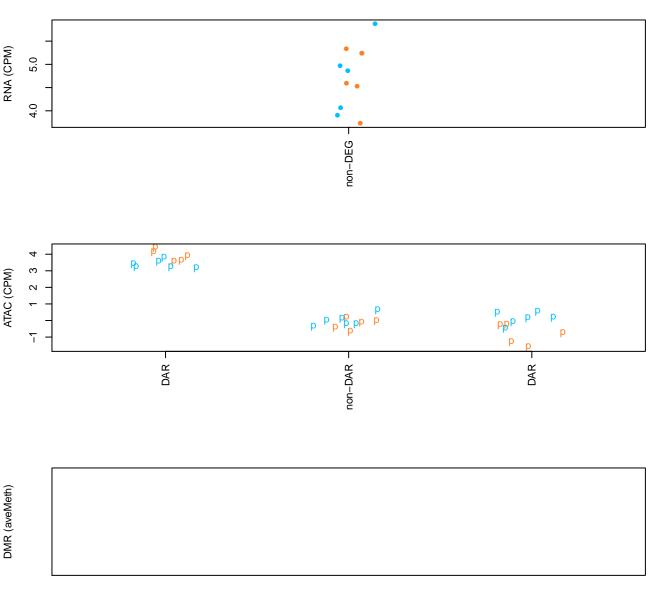
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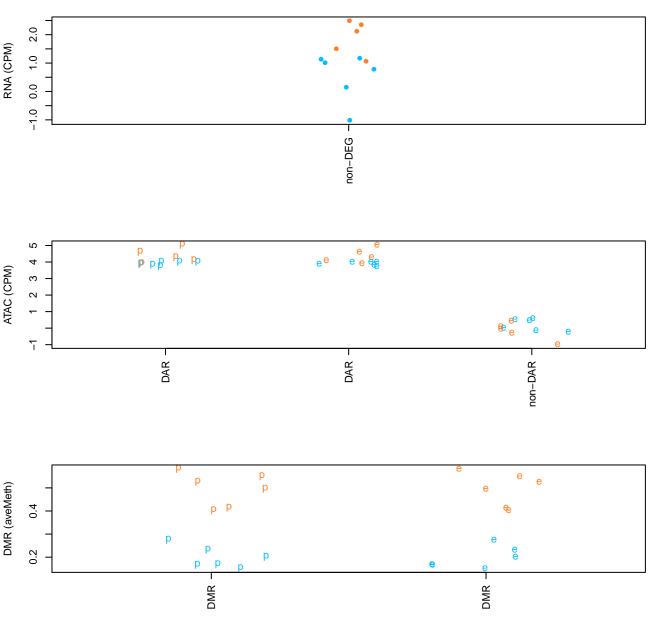
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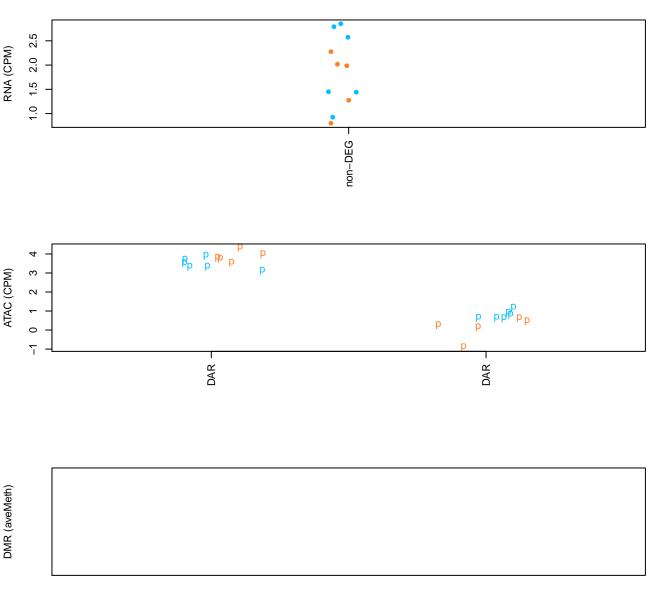
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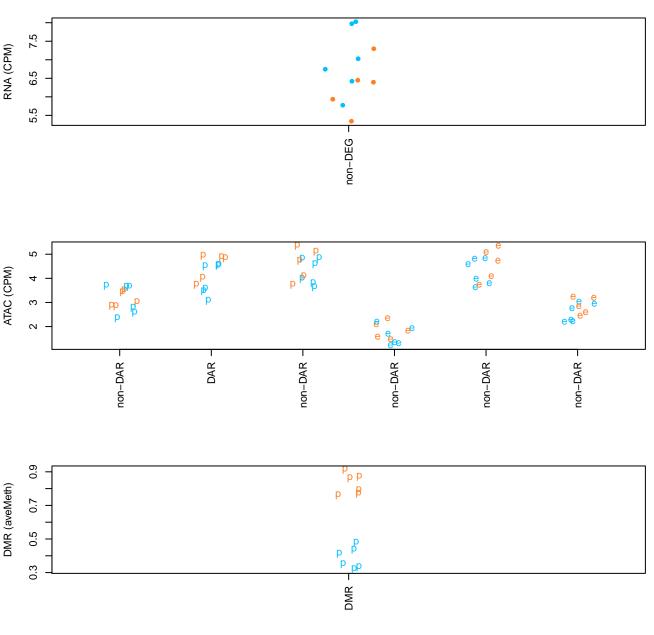


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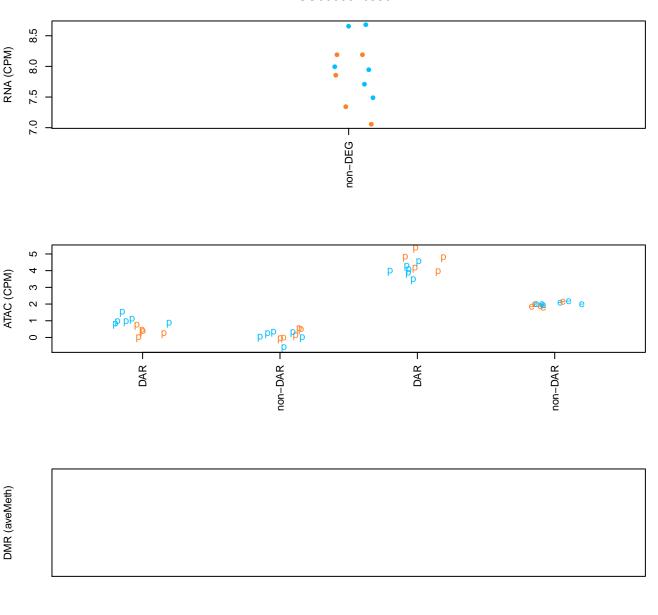


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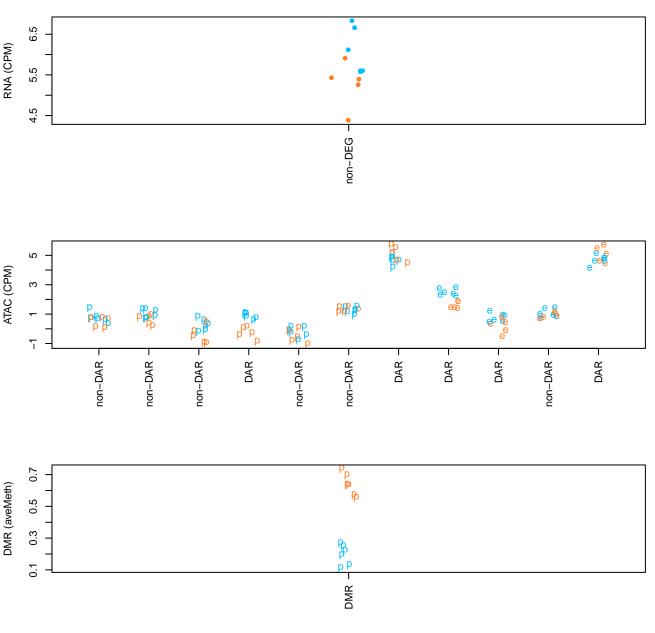
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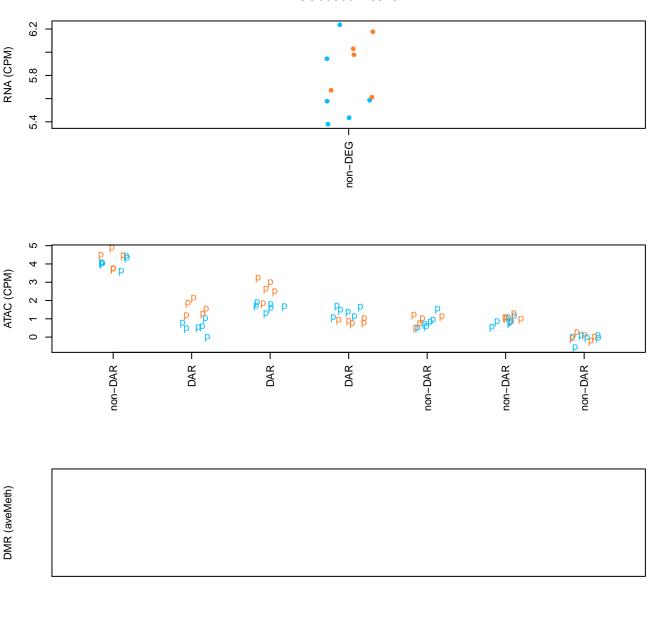
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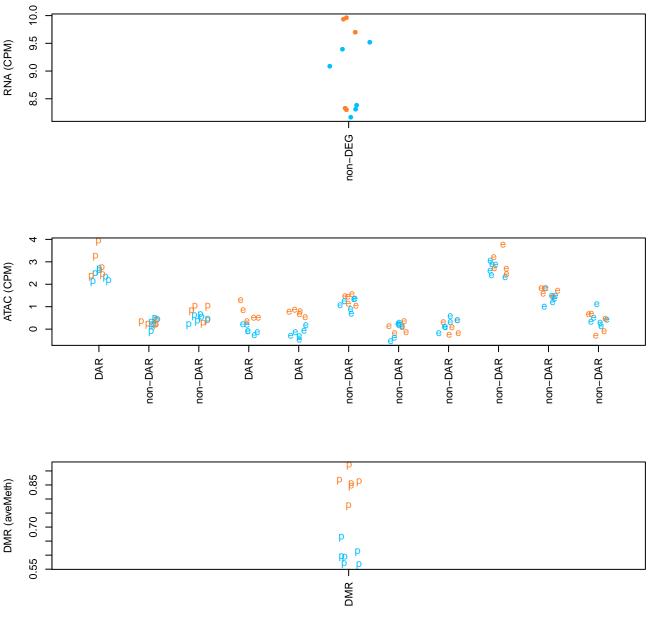
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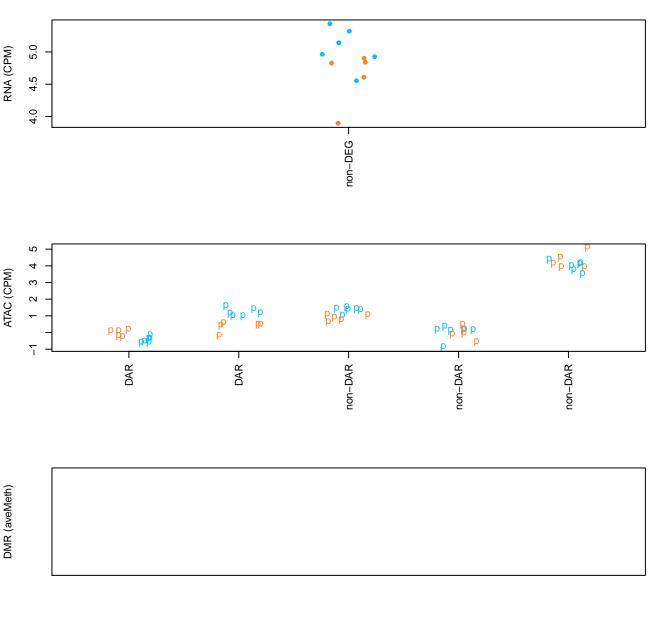
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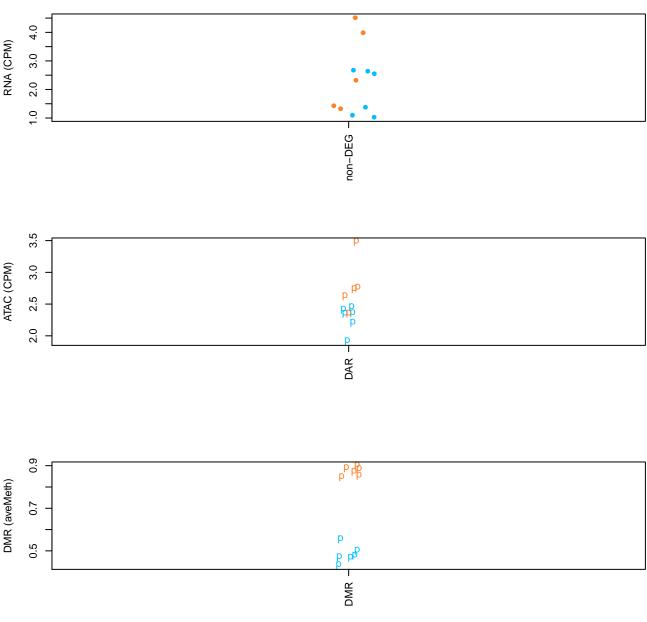
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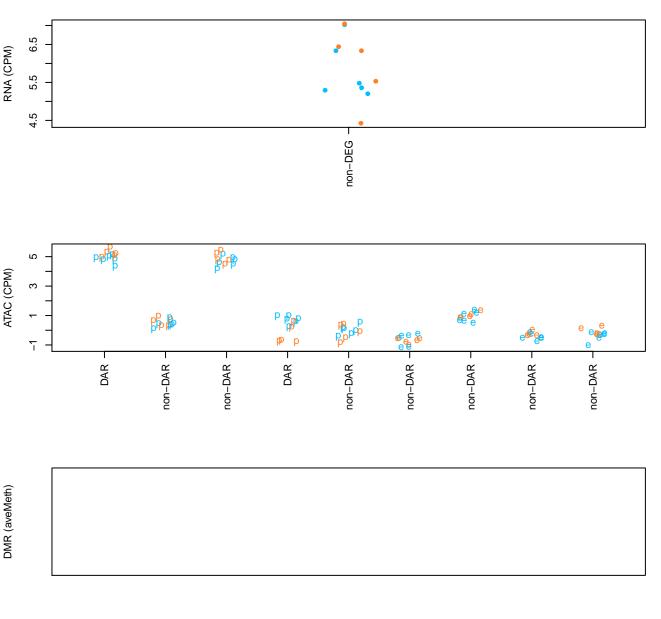
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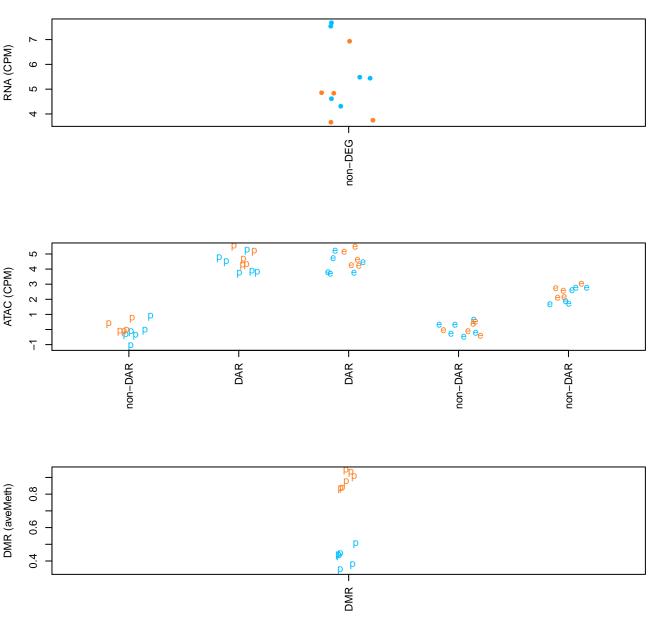
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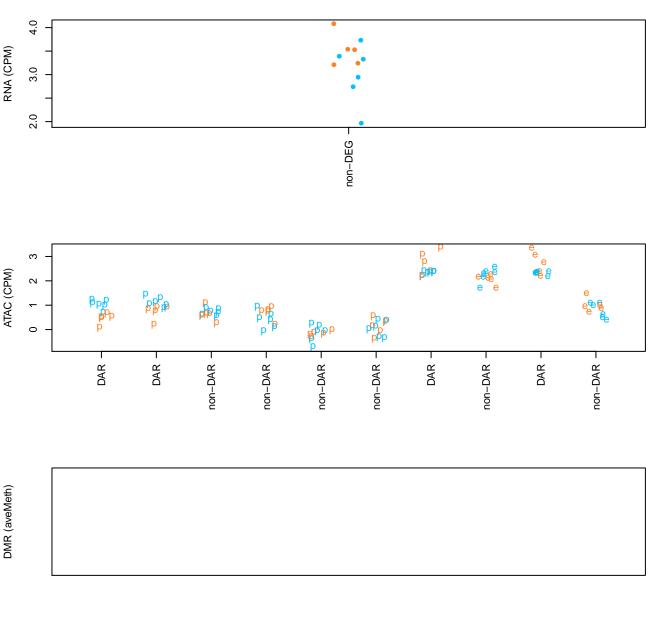
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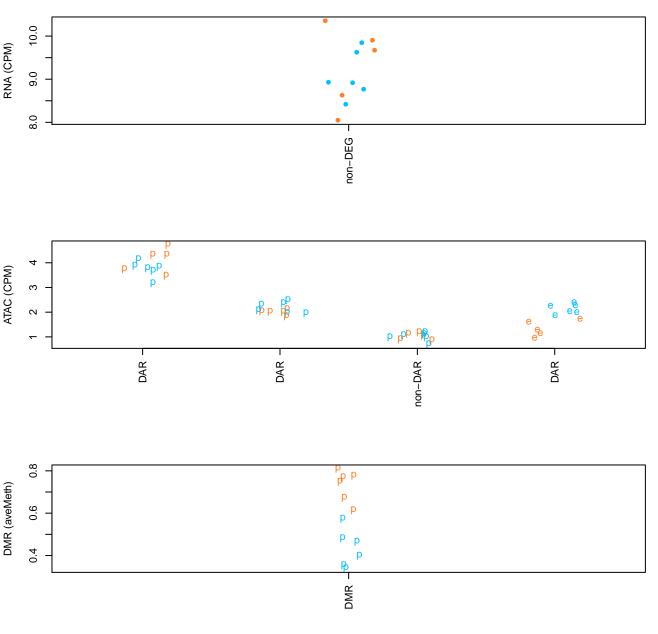
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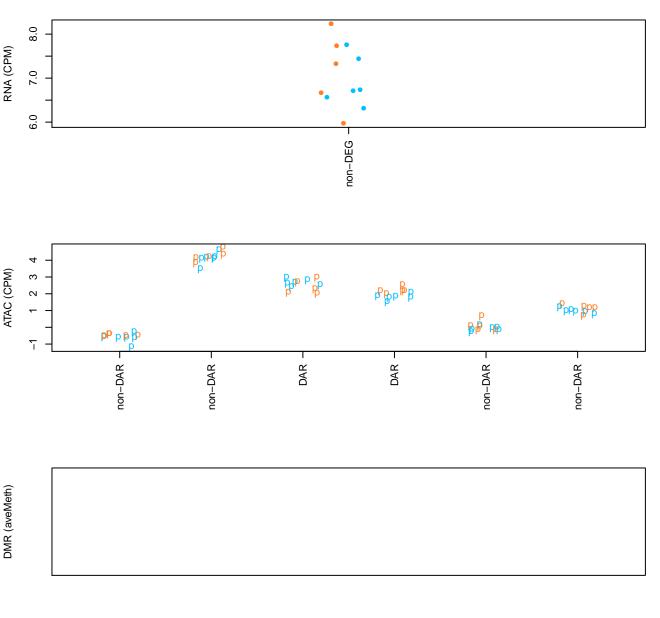
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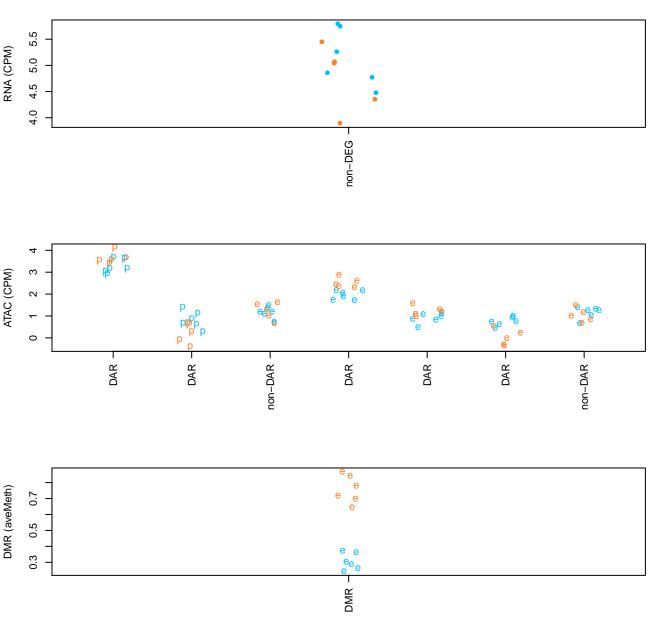
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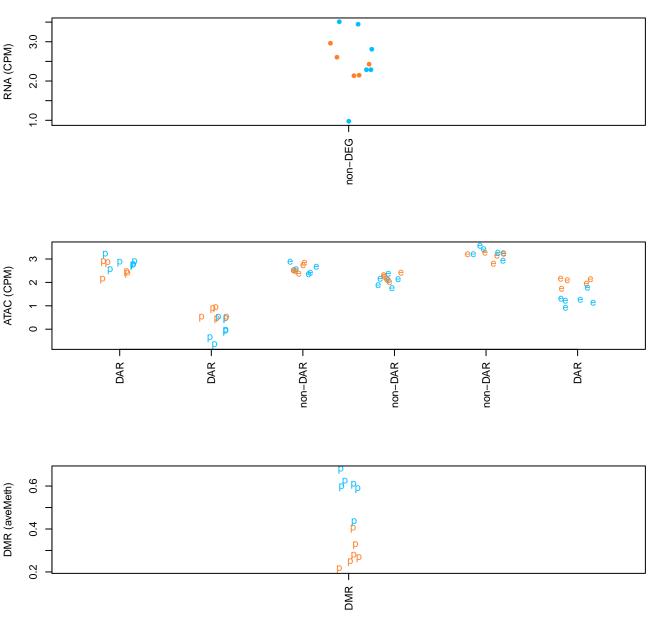
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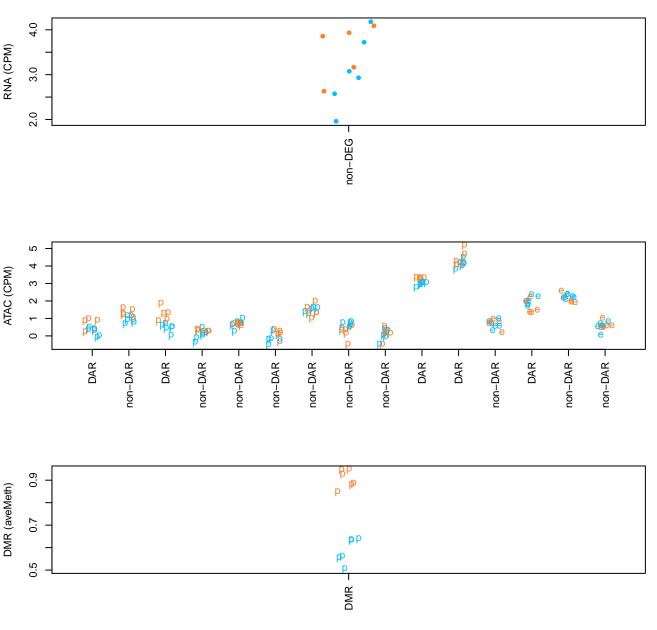
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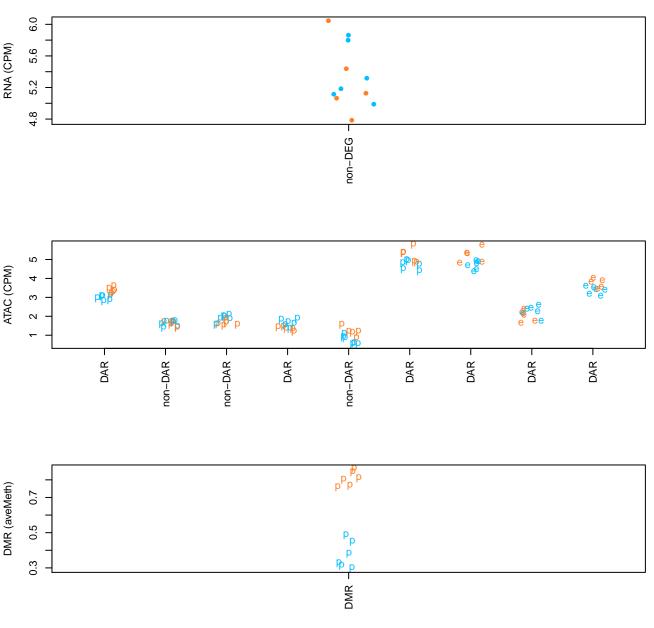
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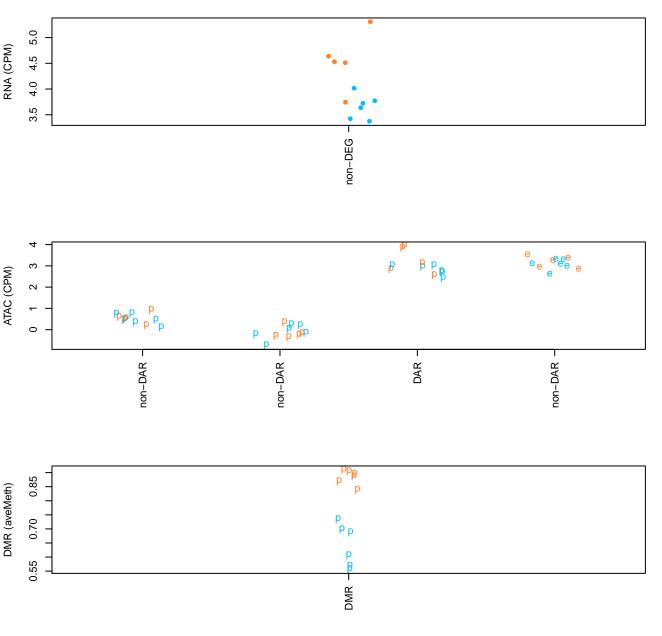
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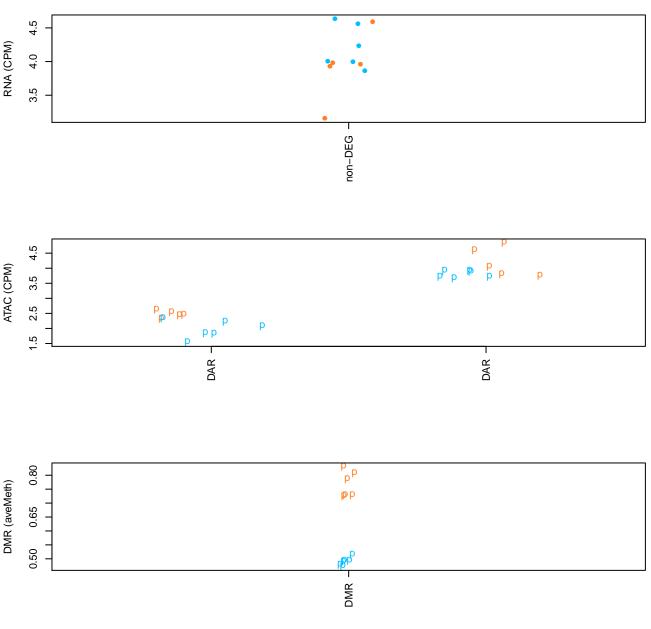
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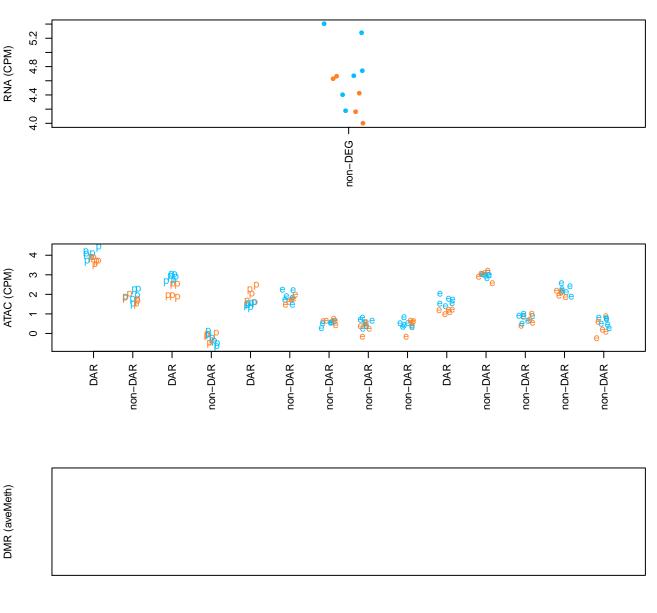
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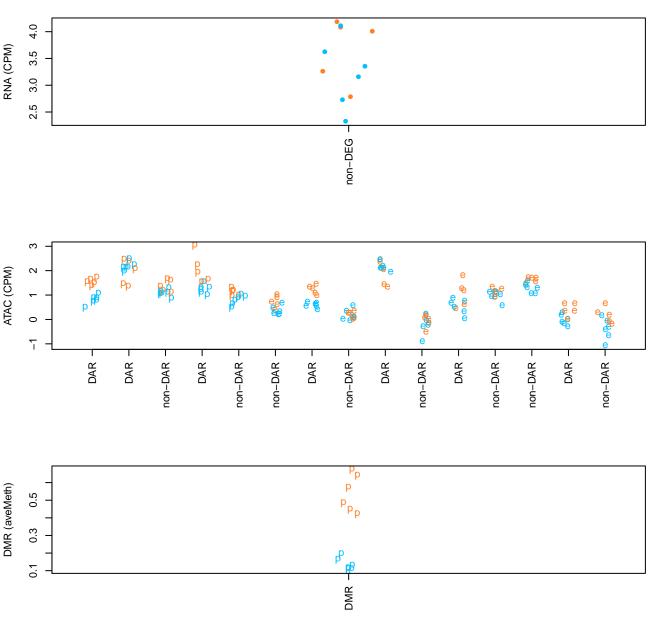
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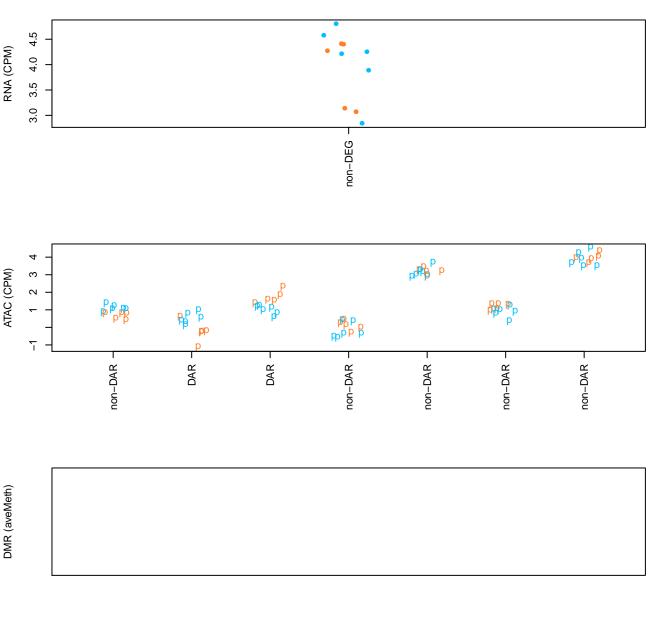
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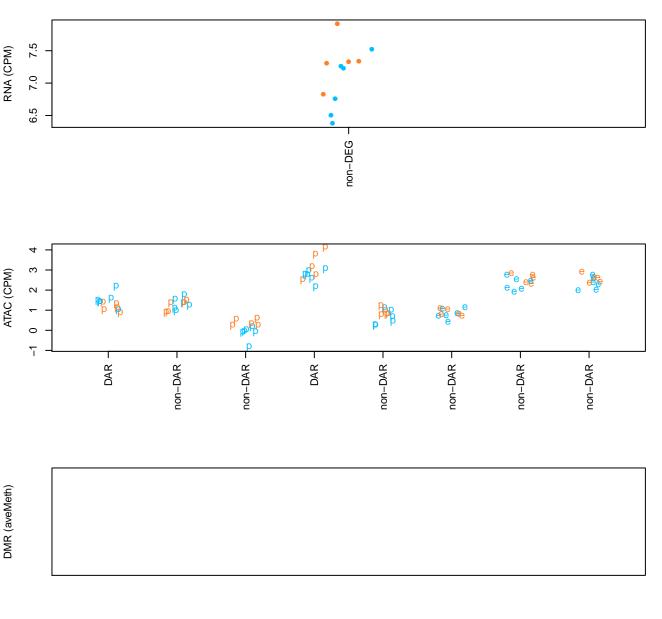
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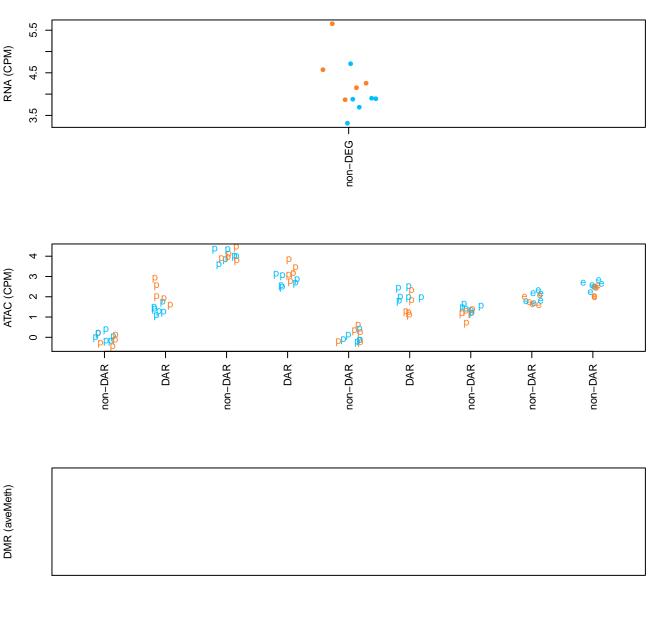
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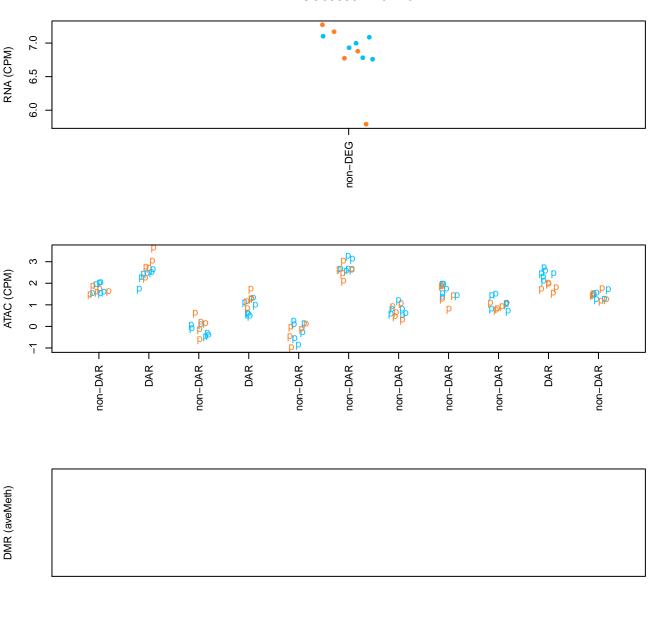
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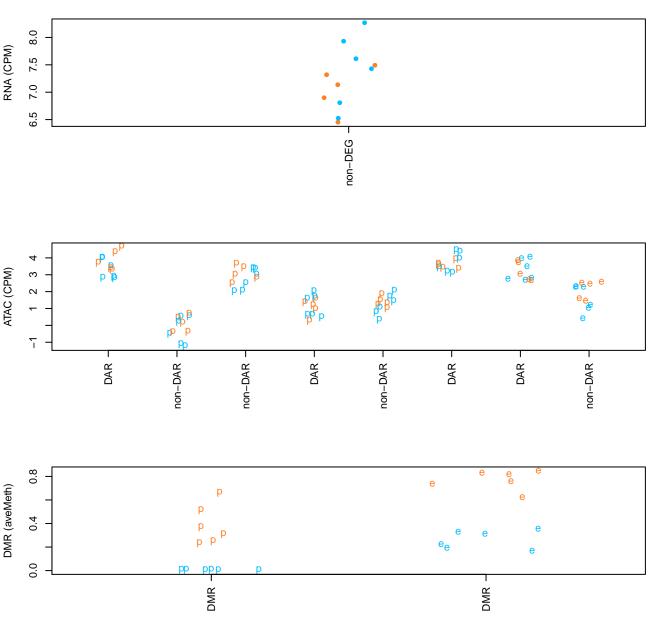
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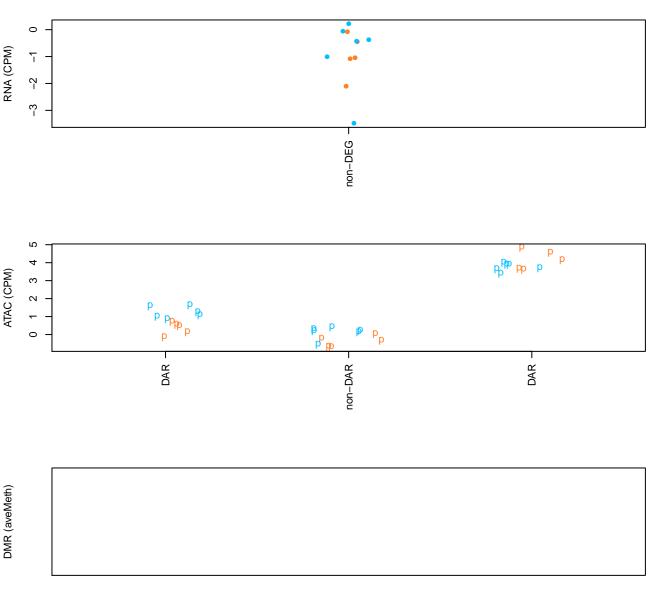
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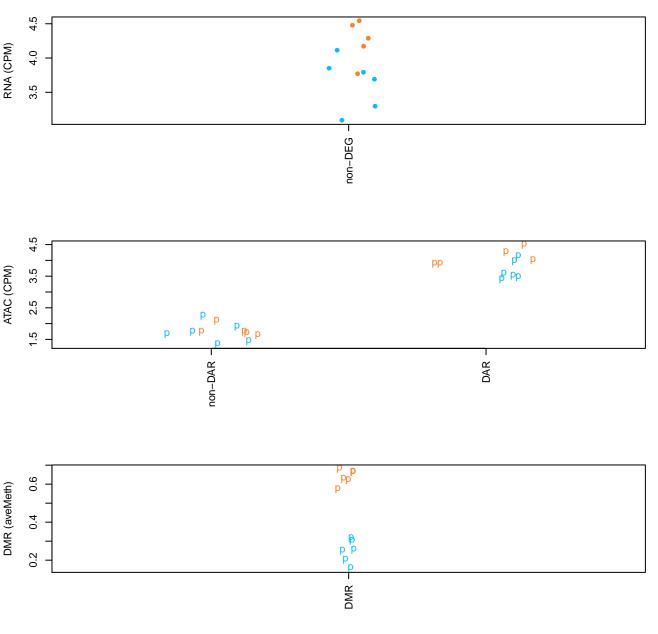
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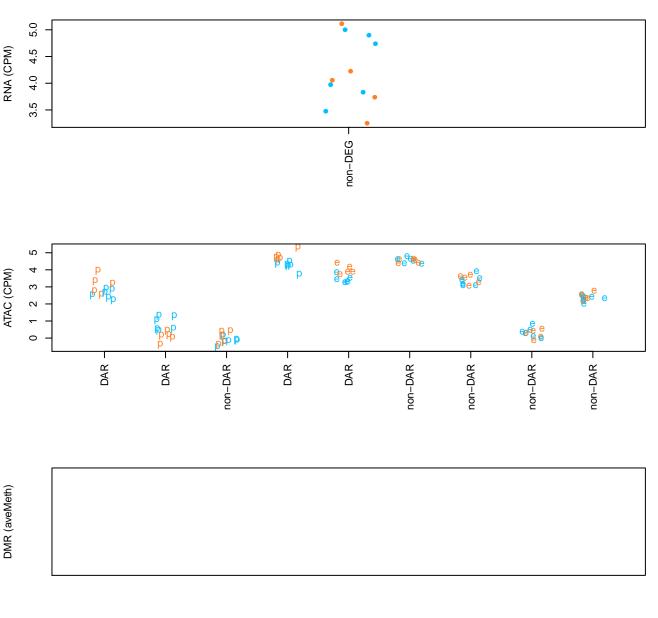
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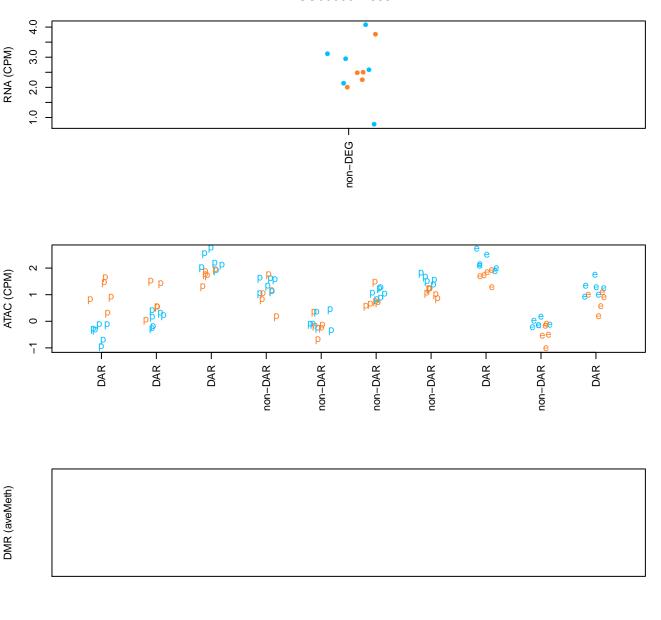
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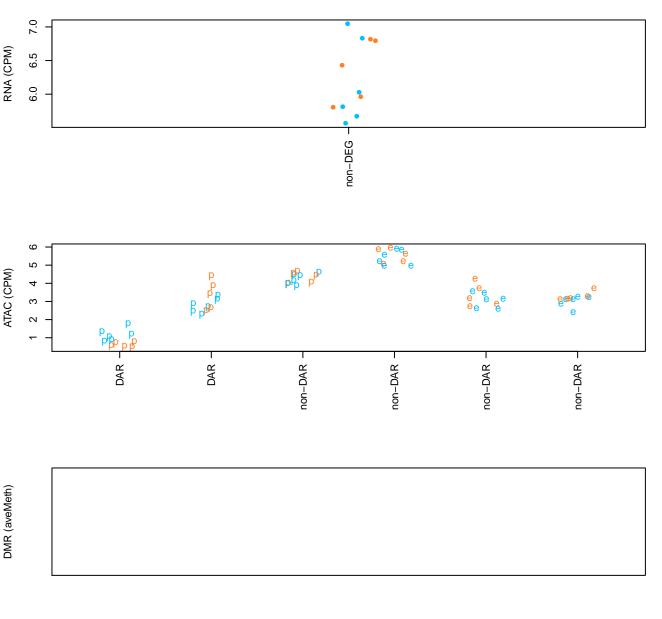
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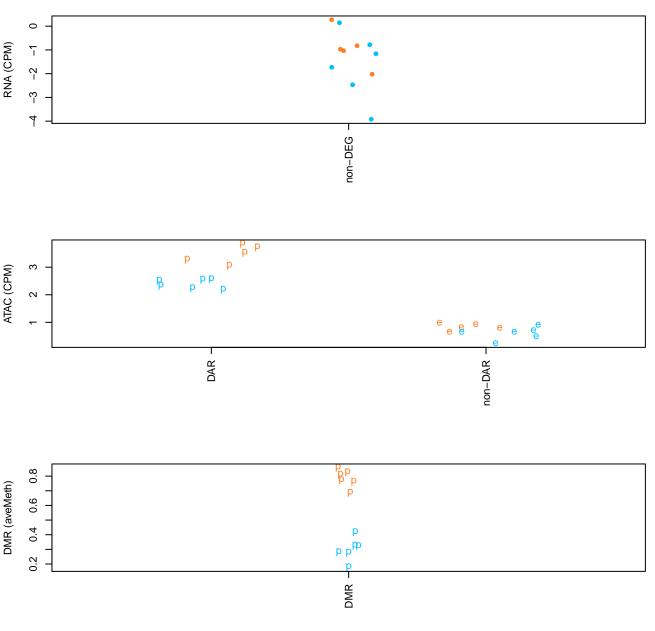
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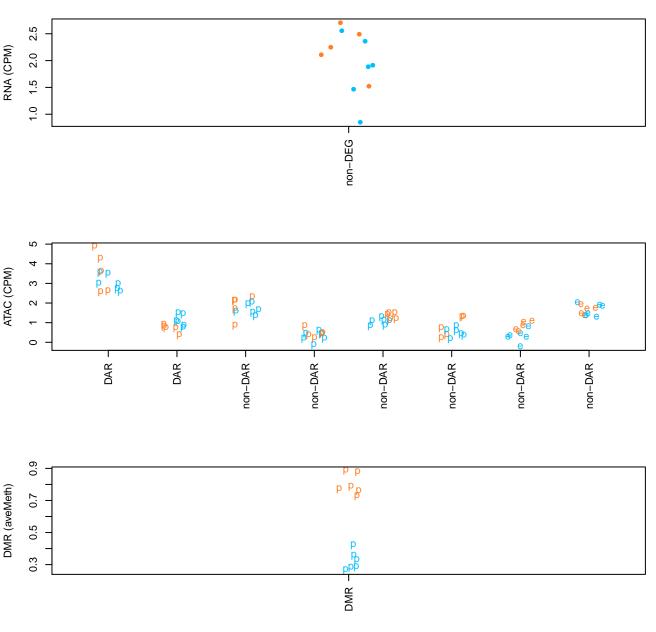
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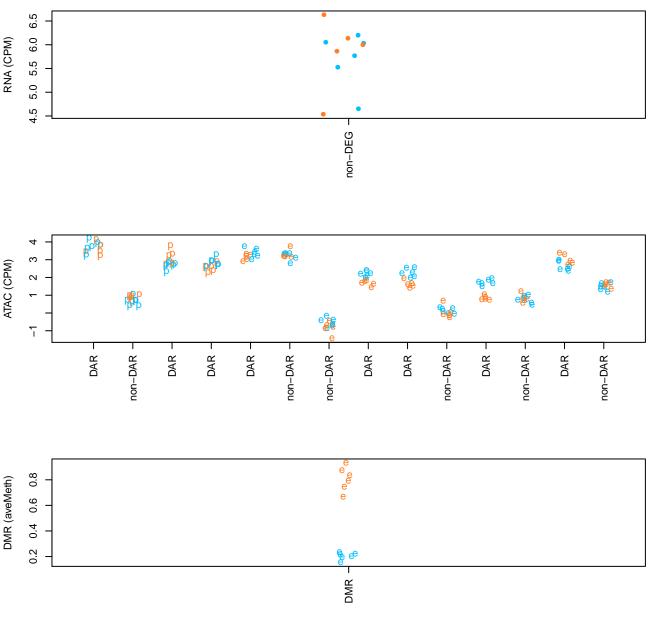
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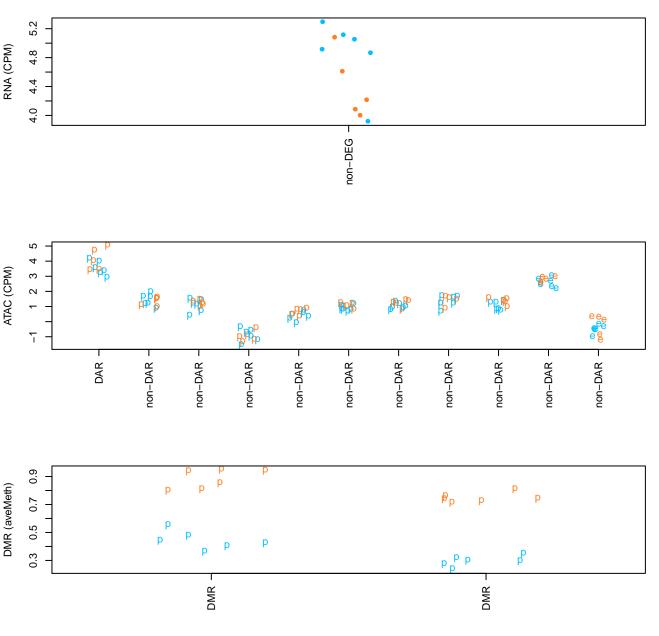
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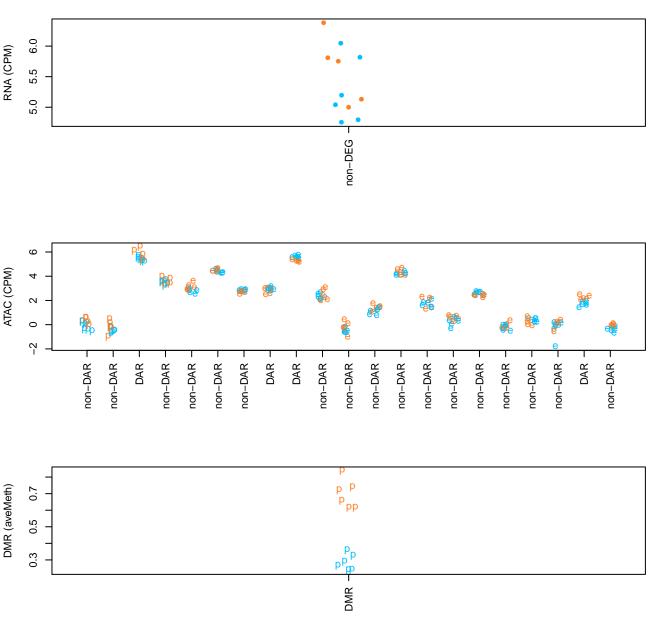
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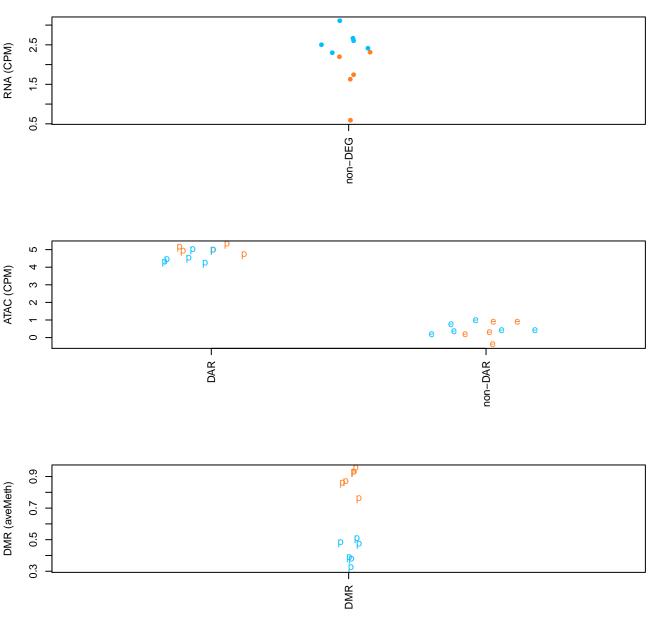
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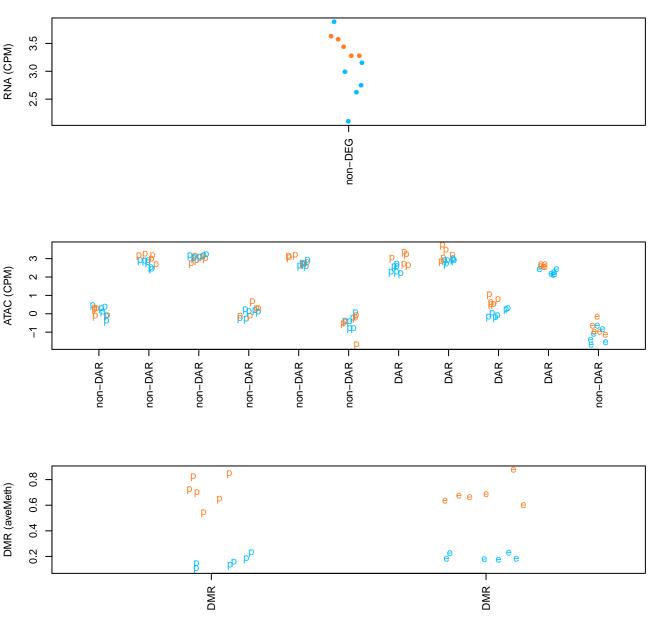
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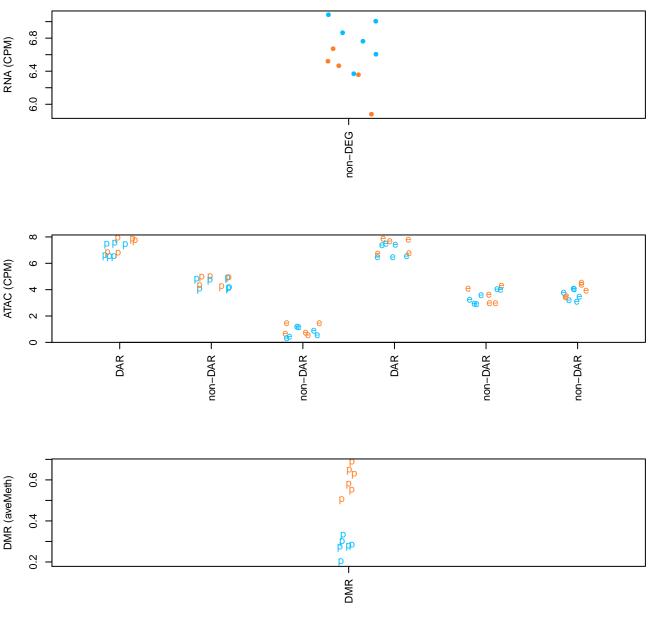
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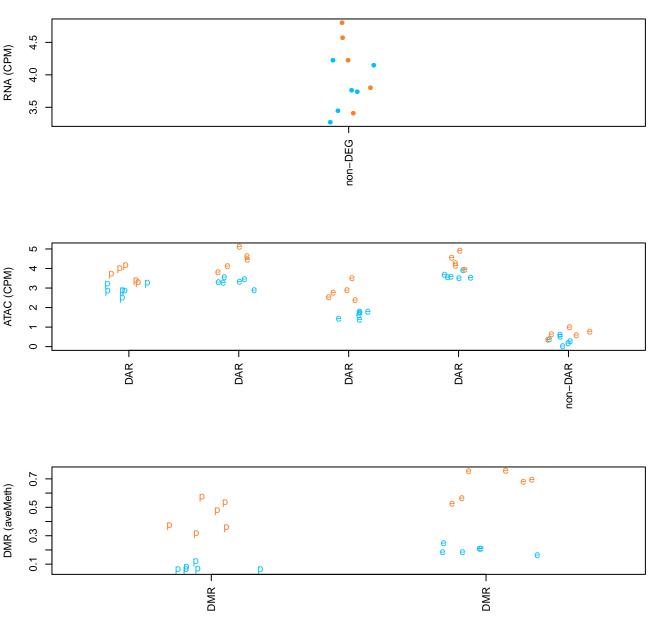
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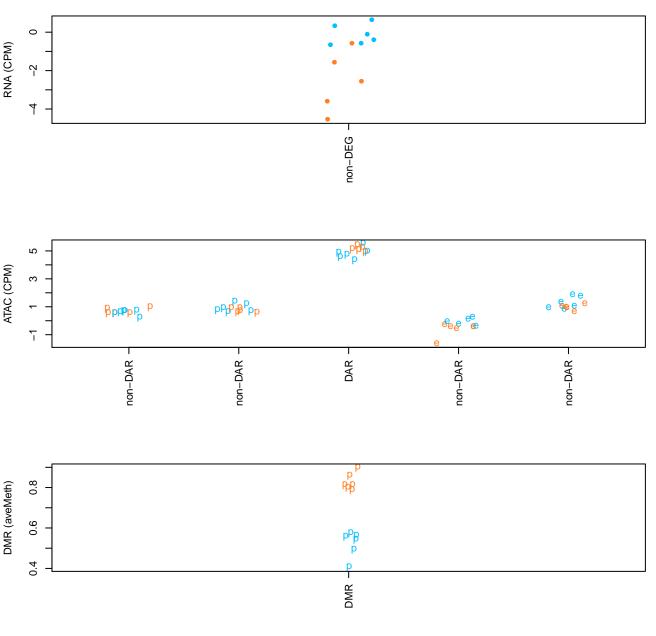
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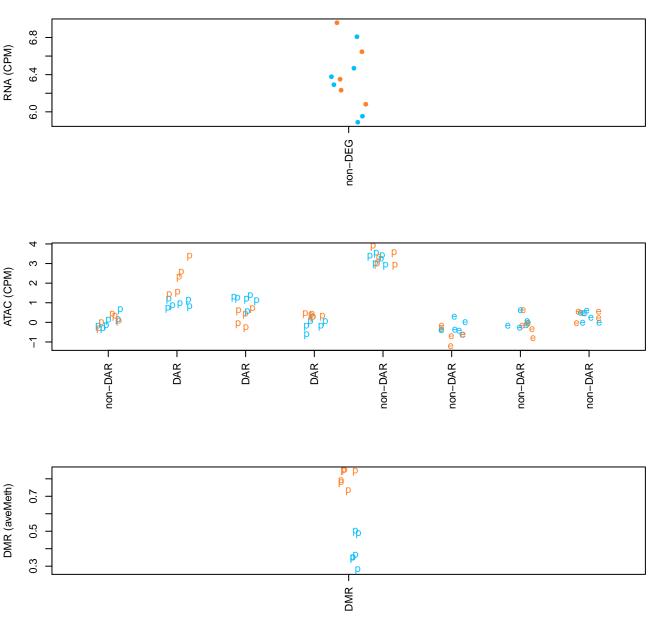


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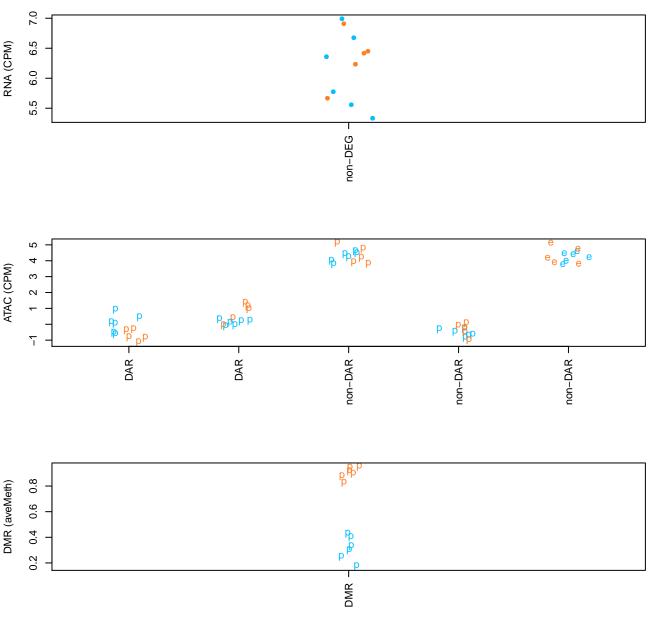


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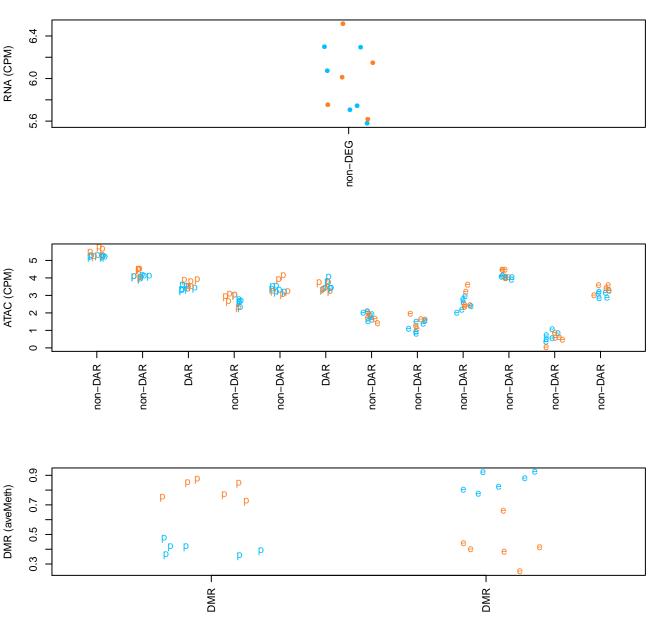


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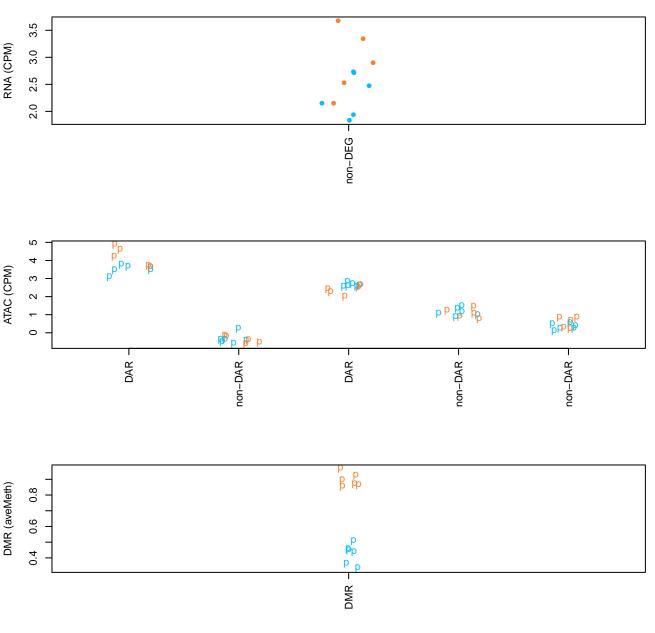


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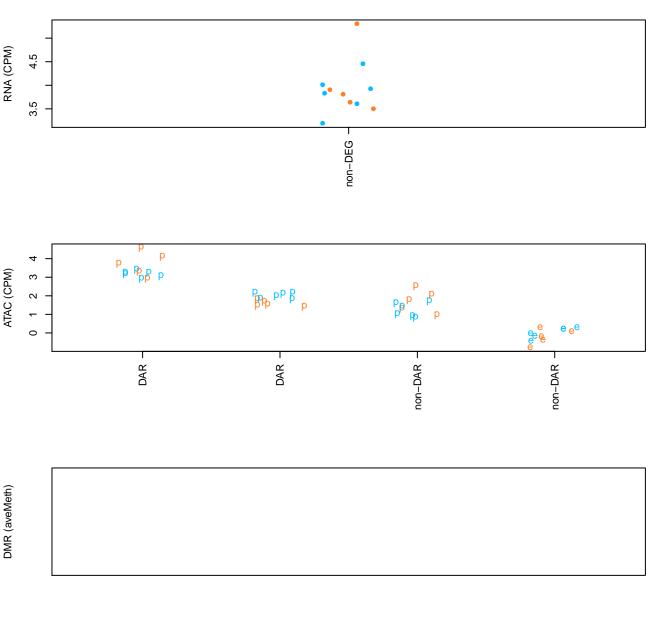
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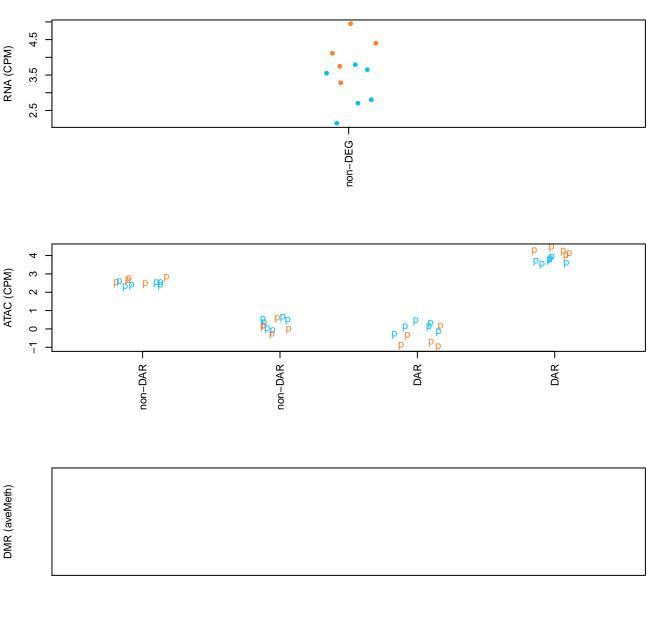
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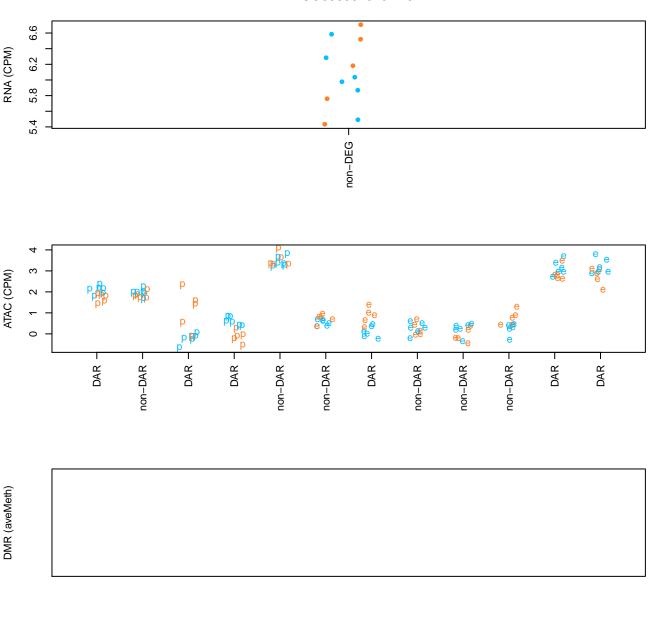
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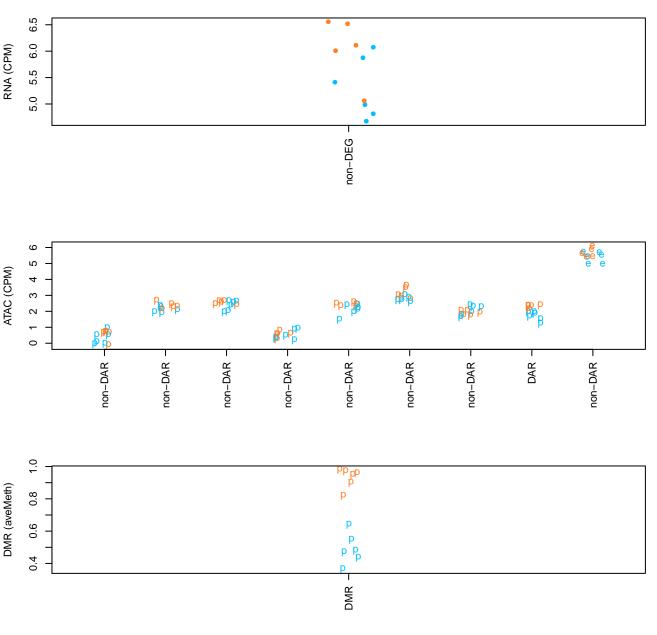
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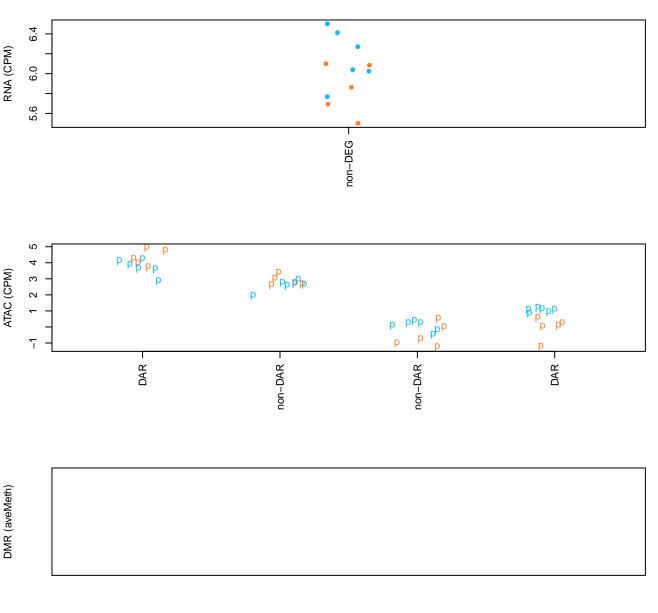
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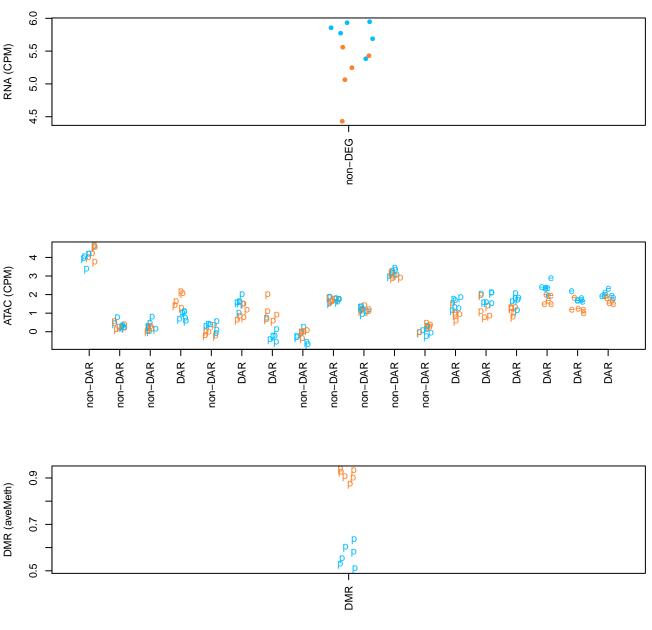
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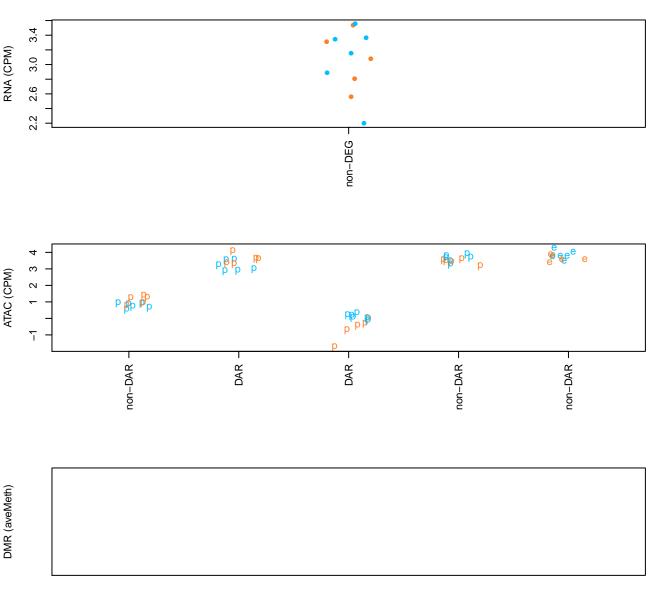
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ENSG00000185049.8 5.8 RNA (CPM) 5.4 2.0 non-DEG PBB 2 ATAC (CPM) ppppp က P P PP 0 ppp Pppppp 0 DAR non-DAR DAR non-DAR non-DAR non-DAR p p b p 0.2 0.4 0.6 0.8 DMR (aveMeth) DMR -

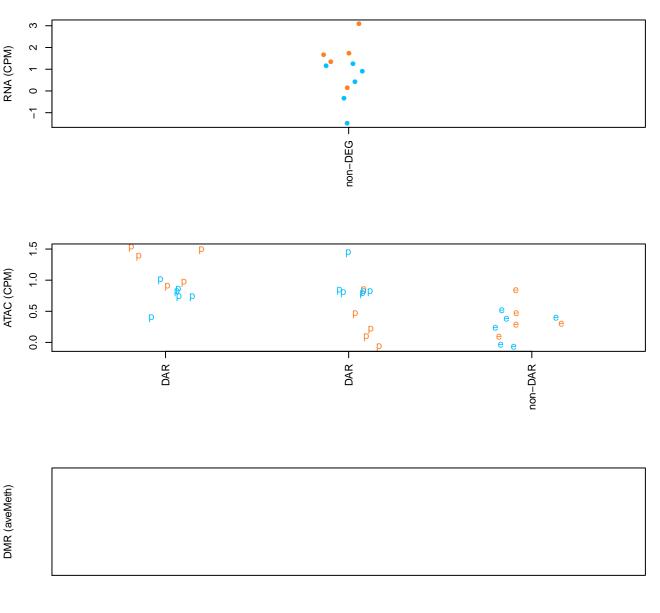
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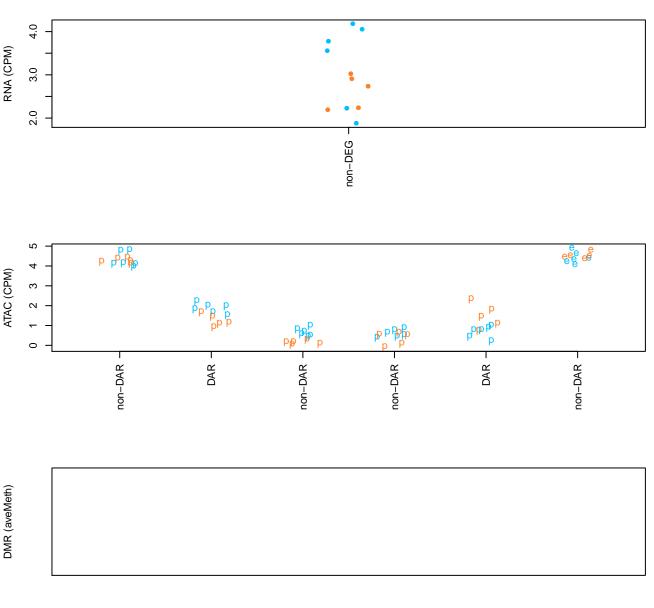
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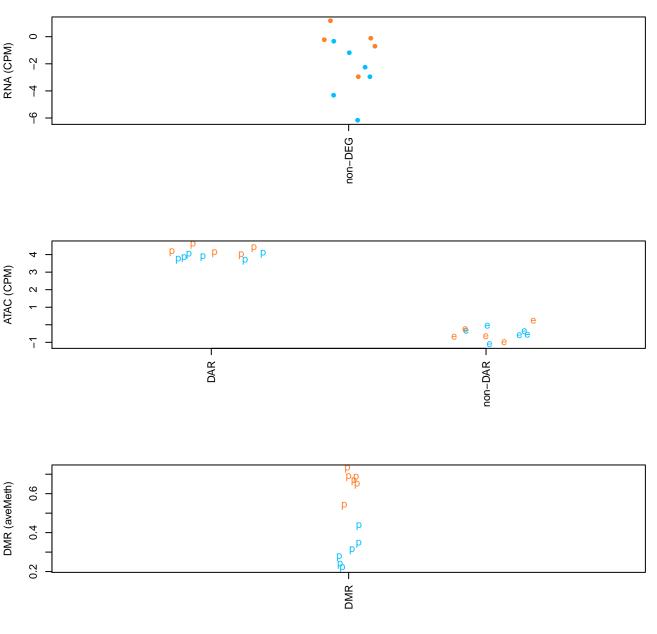
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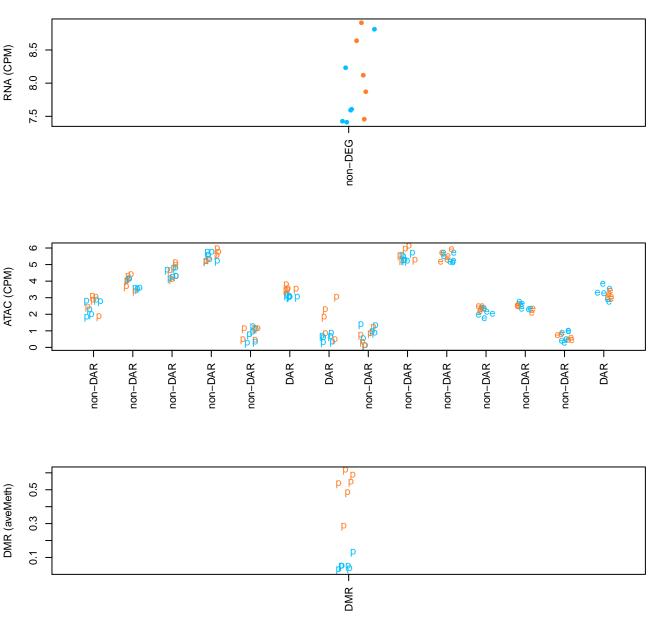
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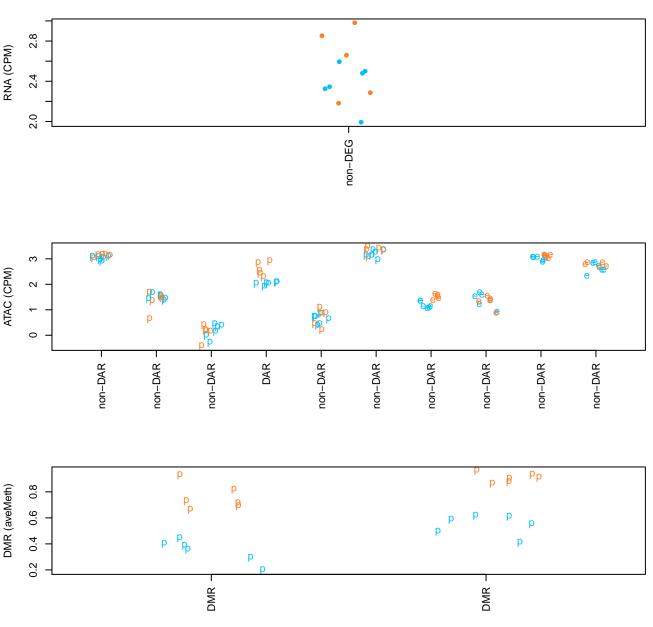
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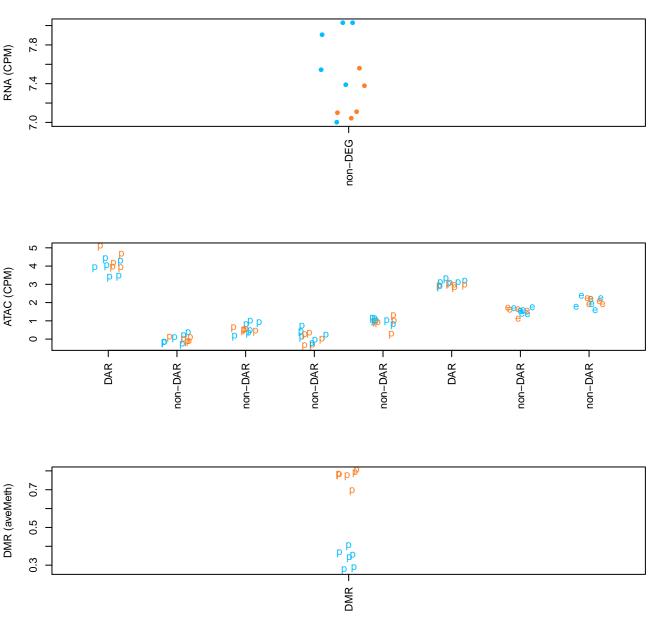


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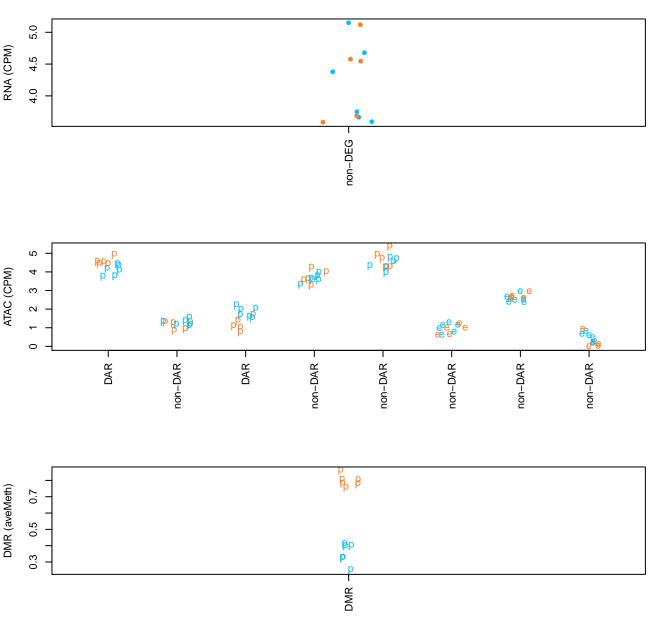


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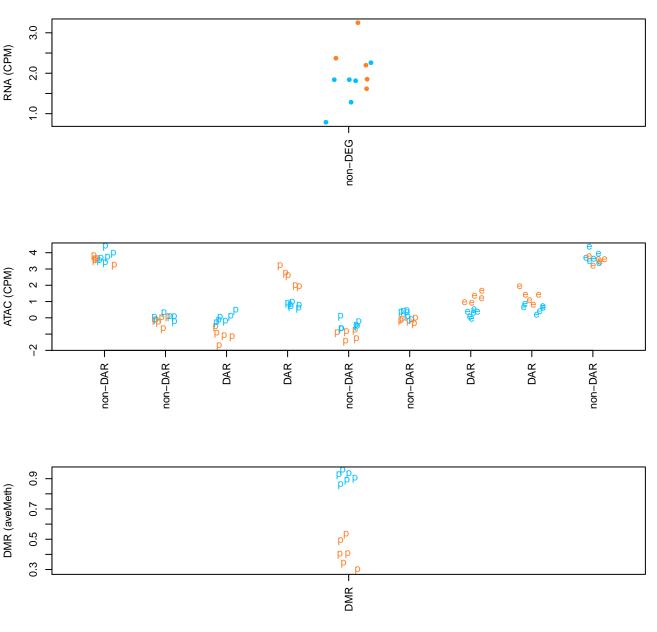
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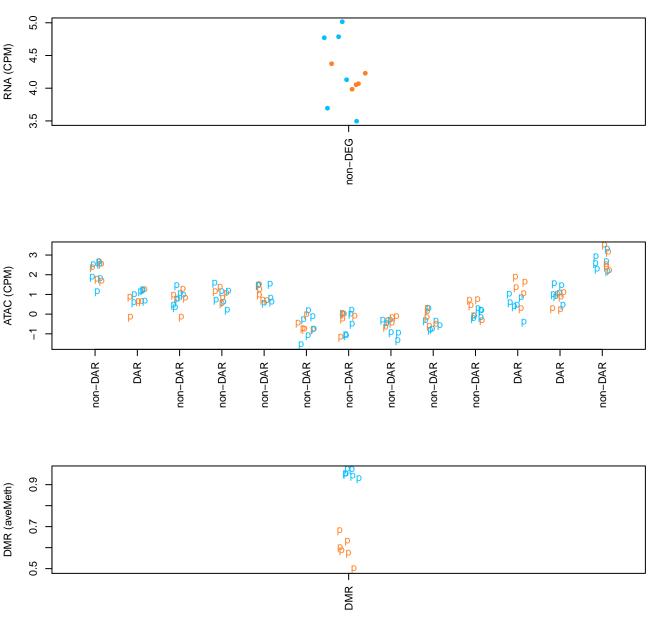
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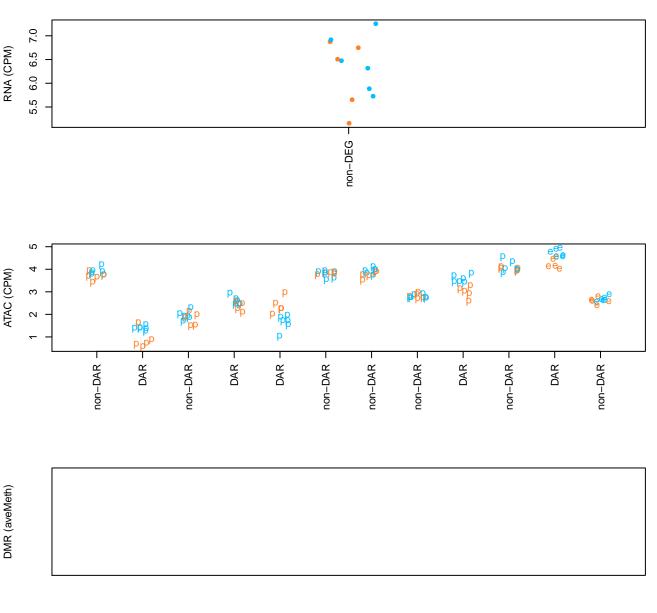
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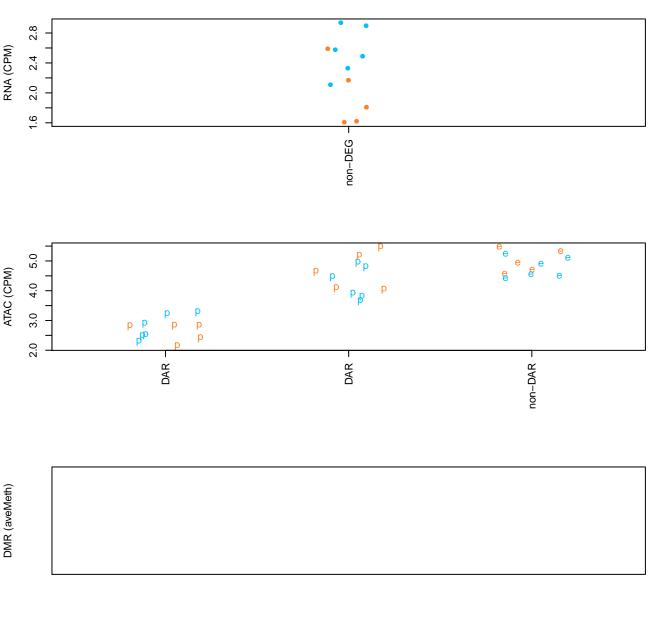
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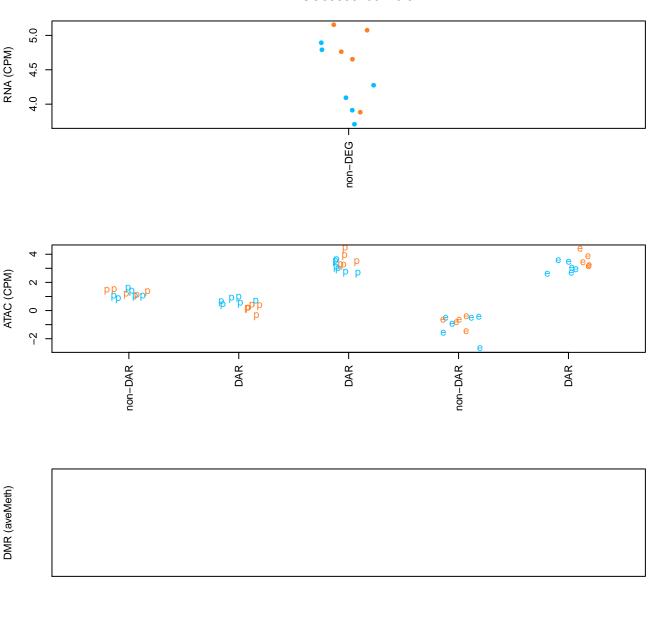
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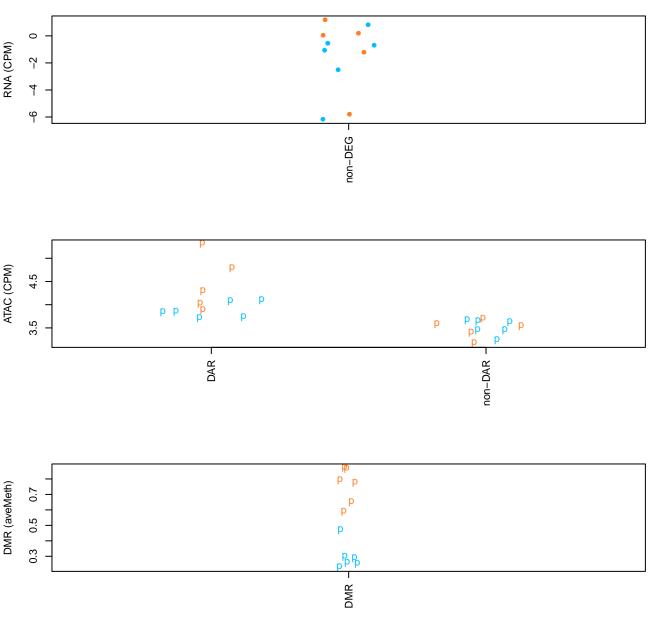
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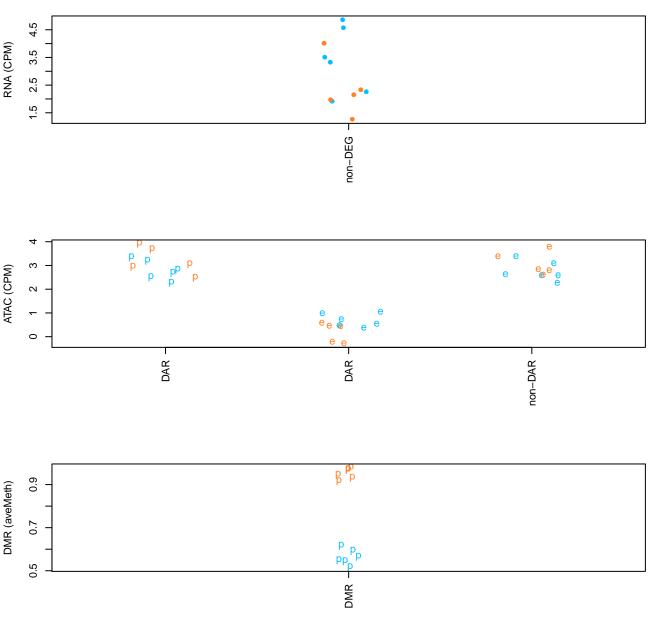
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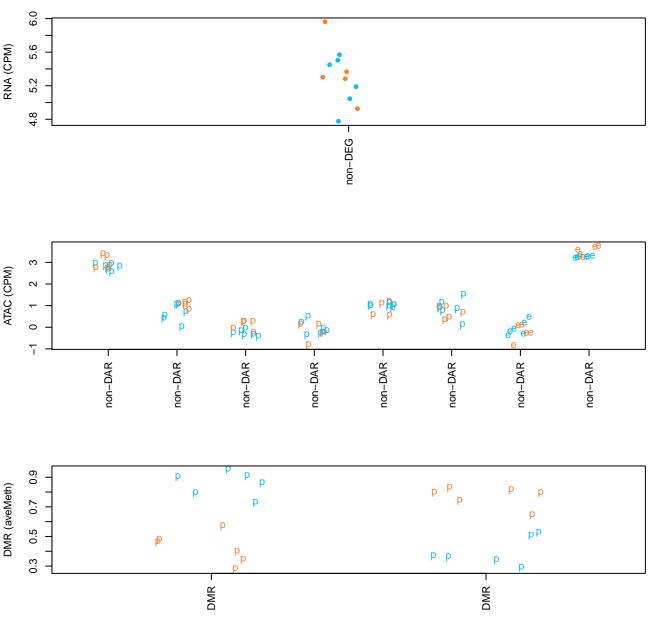
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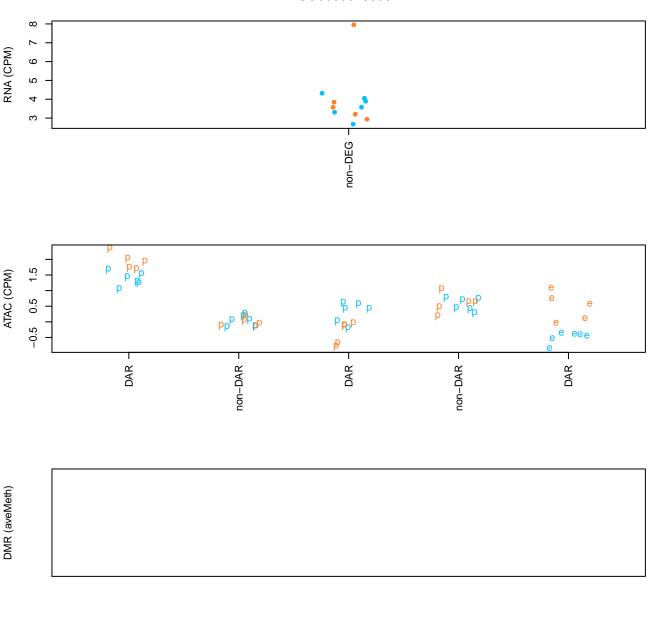
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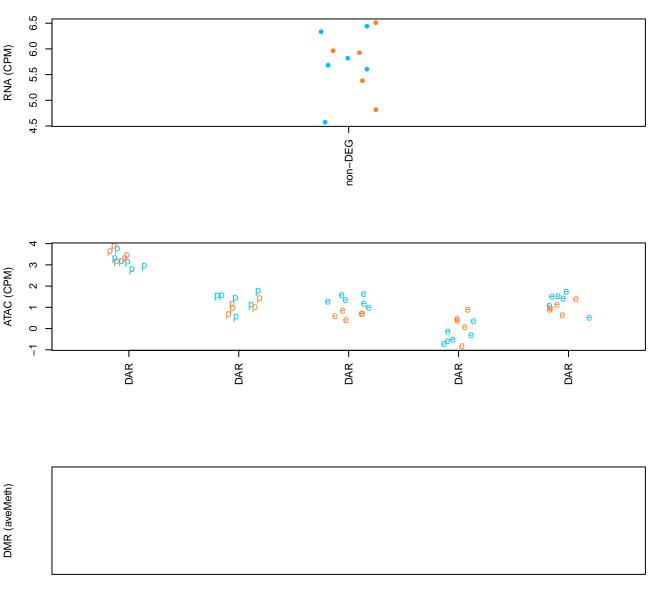
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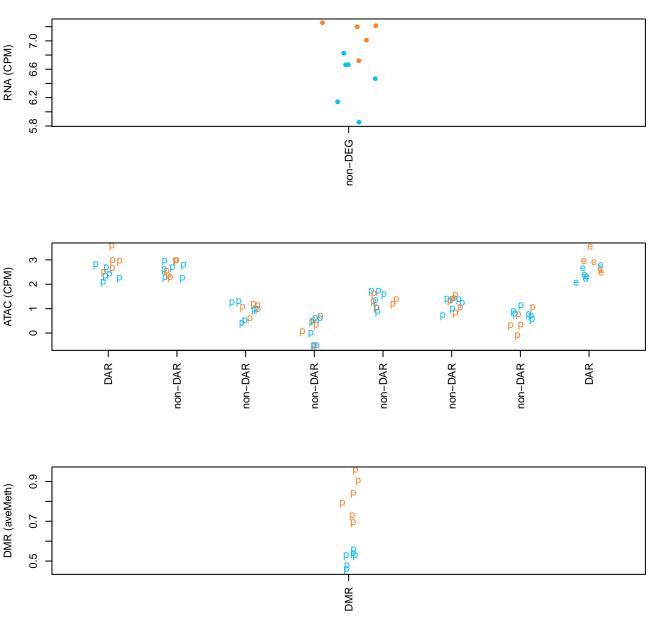
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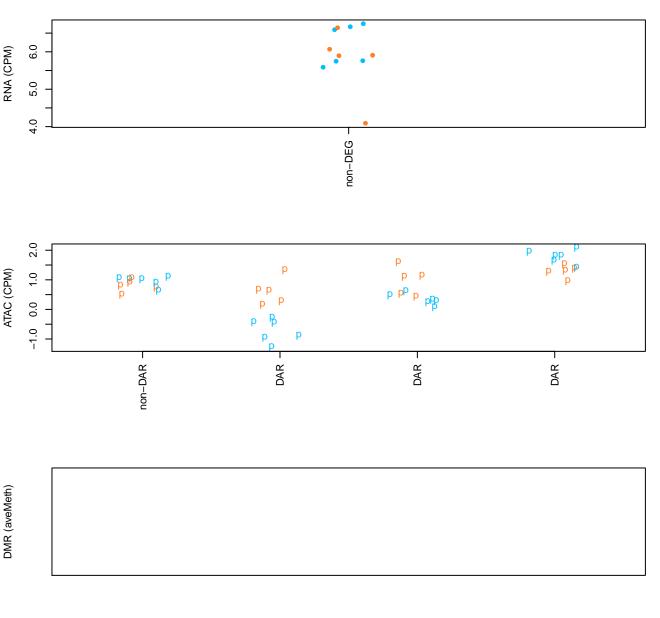
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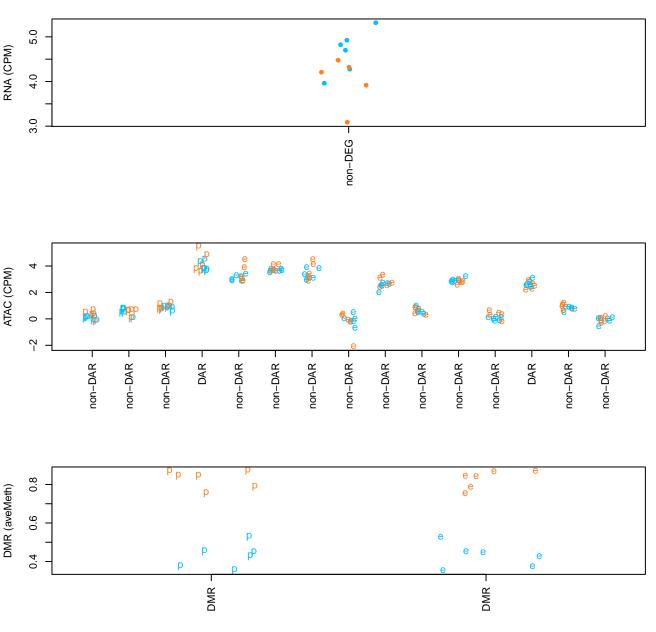
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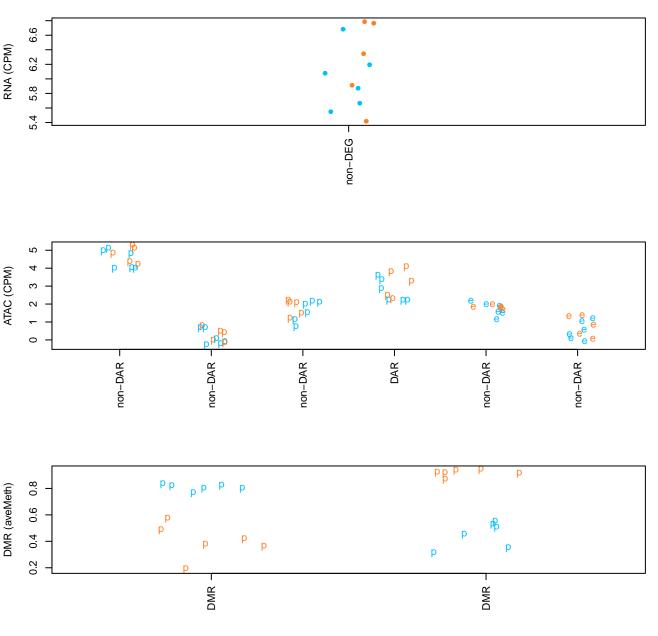
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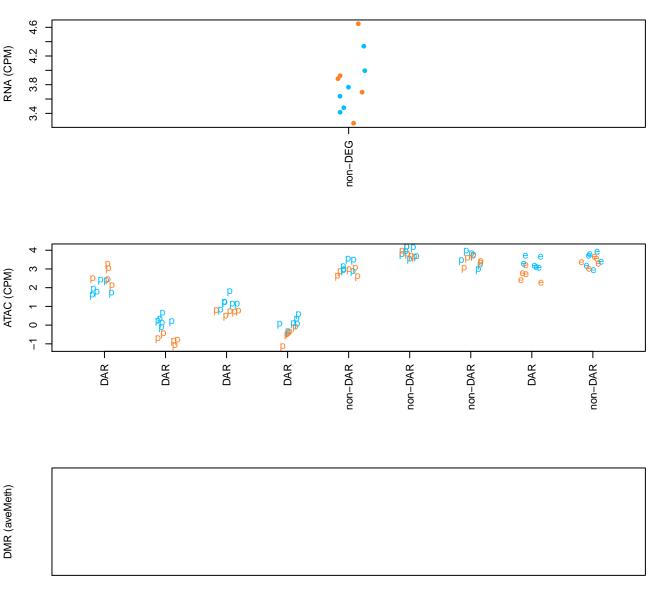
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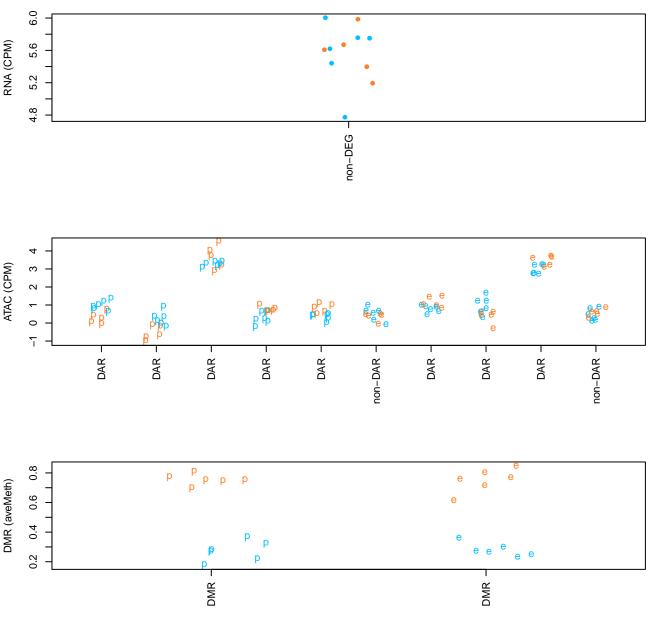
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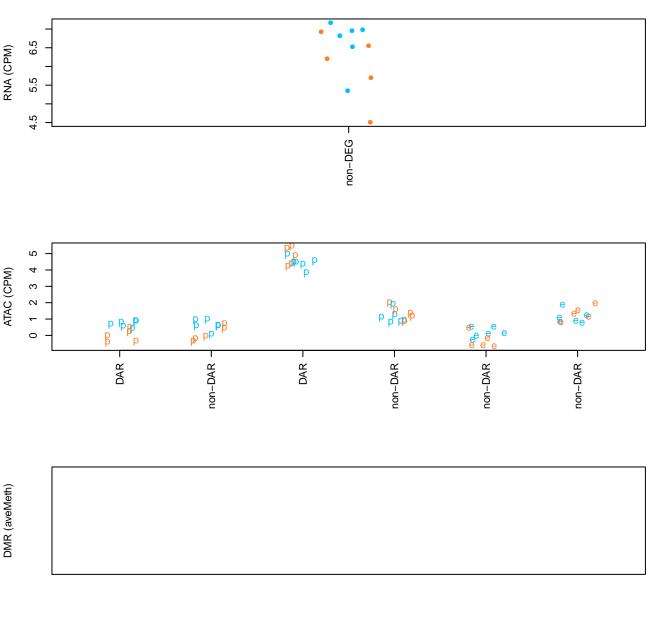


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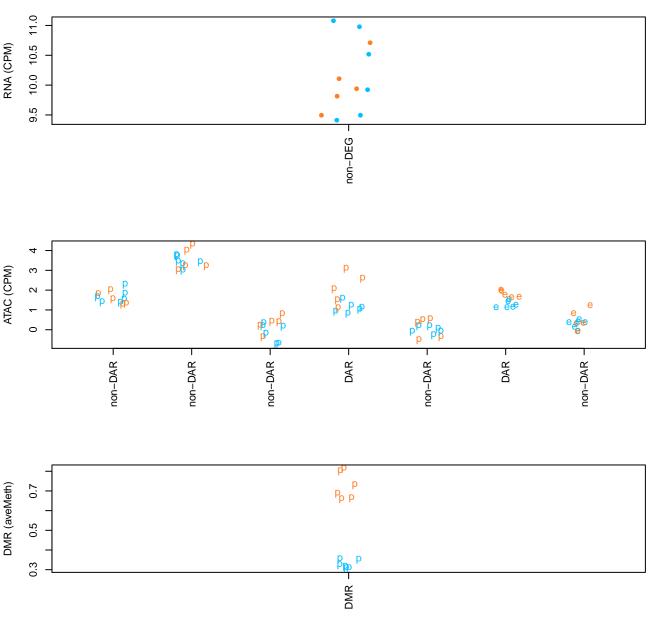


ENSG00000196704.7 6.5 RNA (CPM) 5.5 4.5 non-DEG p p p p ATAC (CPM) е e <mark>ee</mark>e e e e e e က е 0 ee eee non-DAR non-DAR -0.9 DMR (aveMeth) 0.7 p p p p 0.5 DMR -

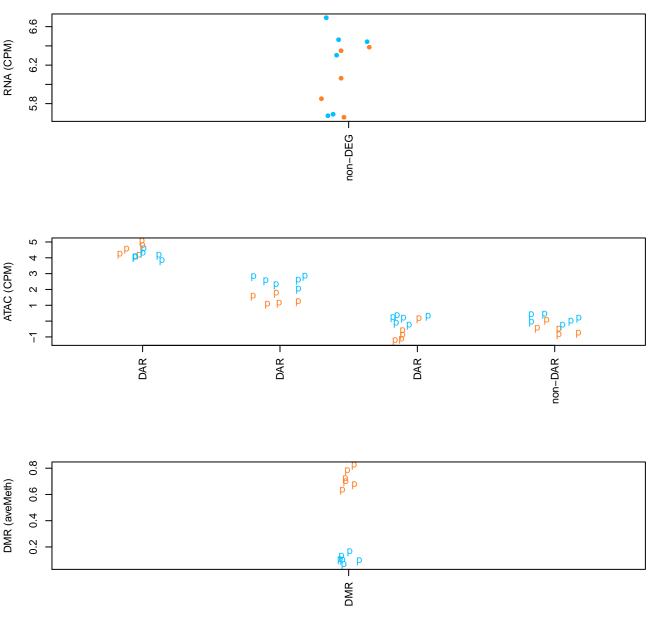
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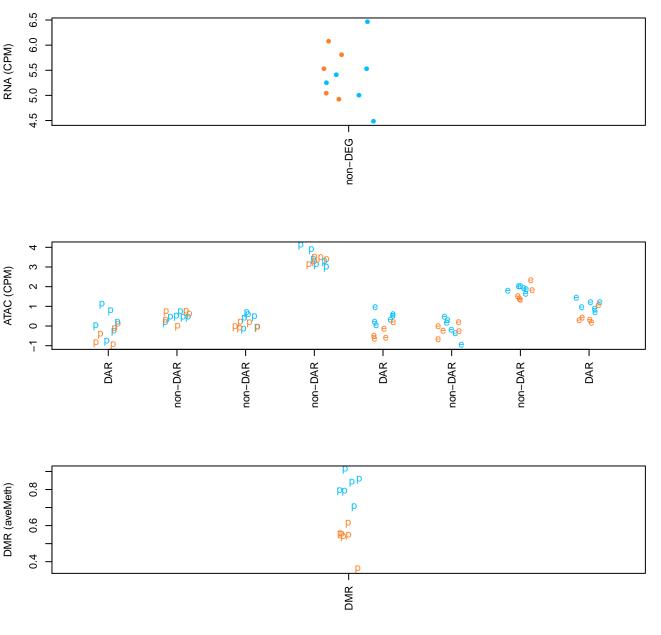
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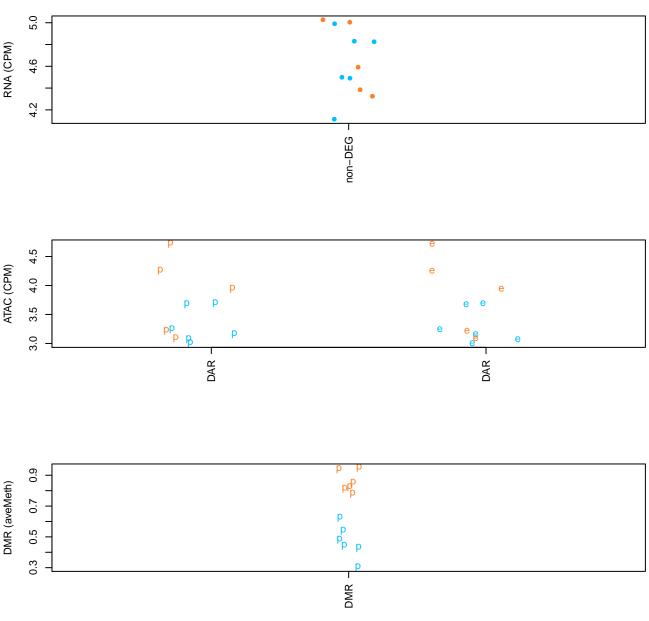
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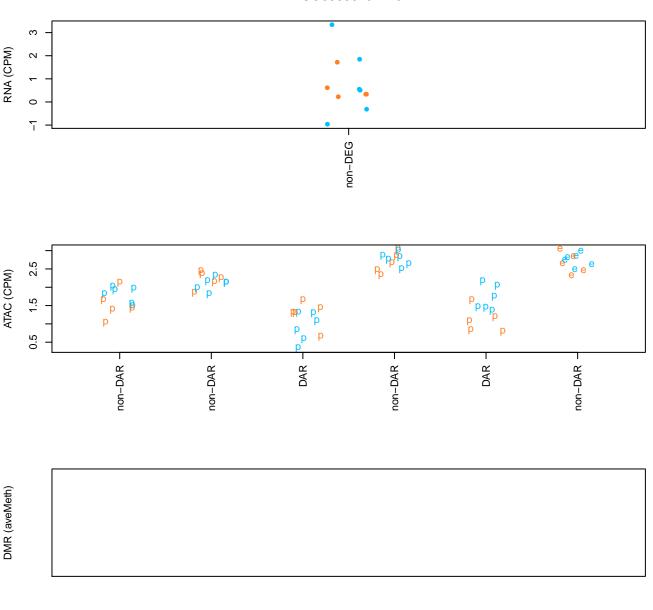
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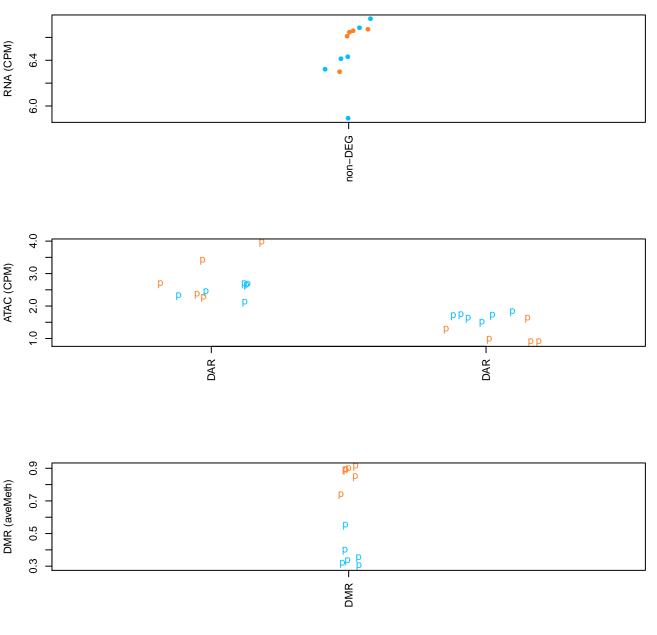
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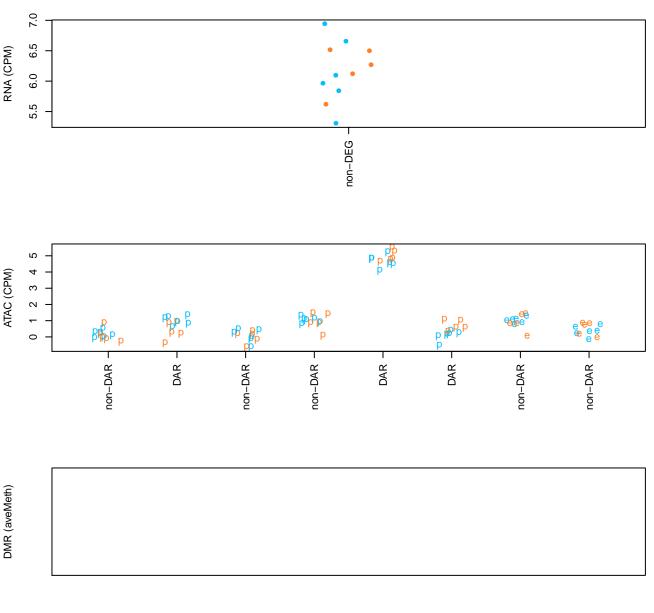
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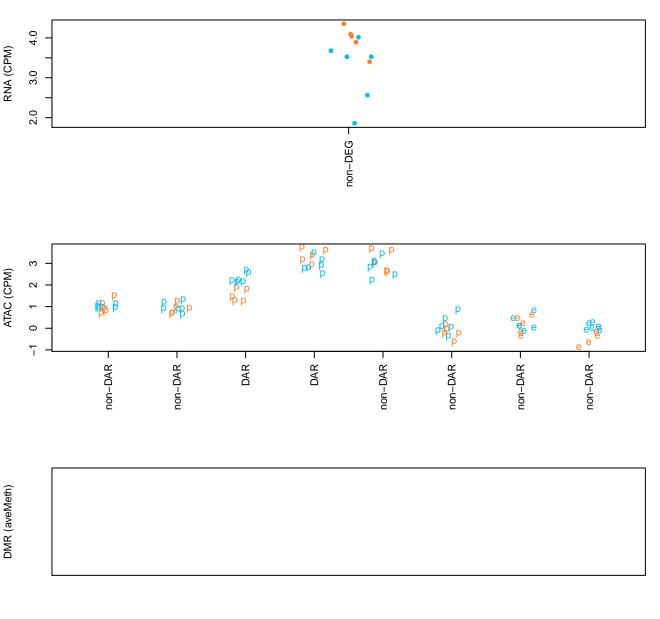
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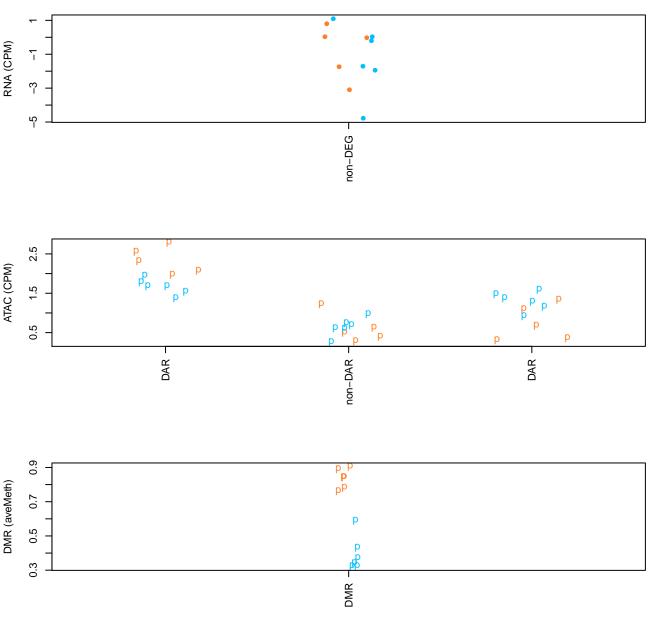
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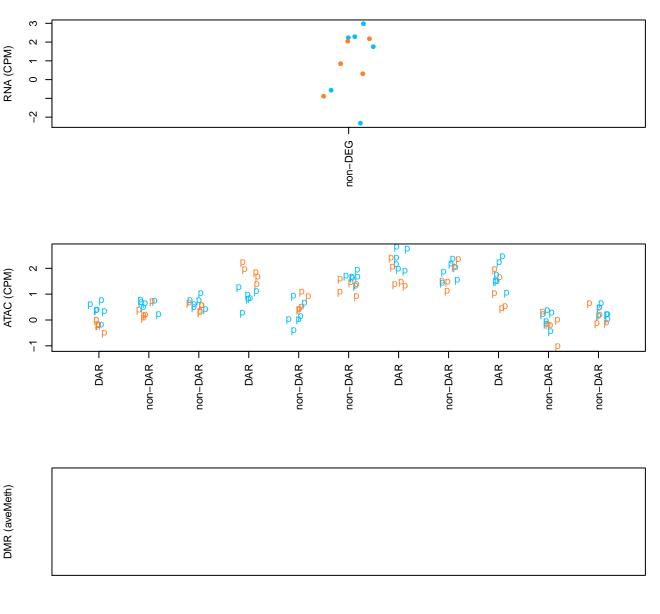
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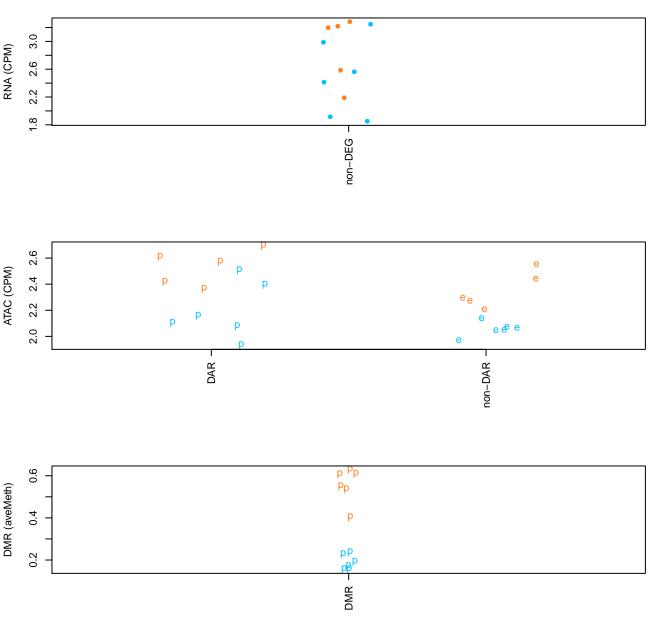
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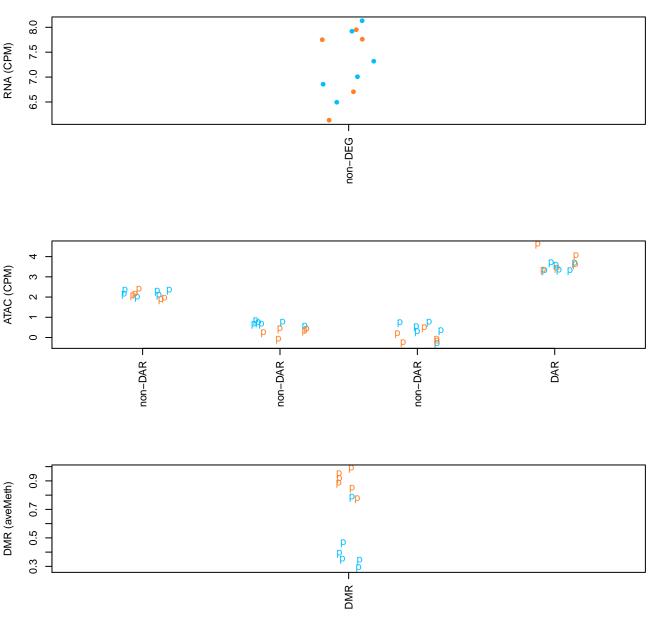
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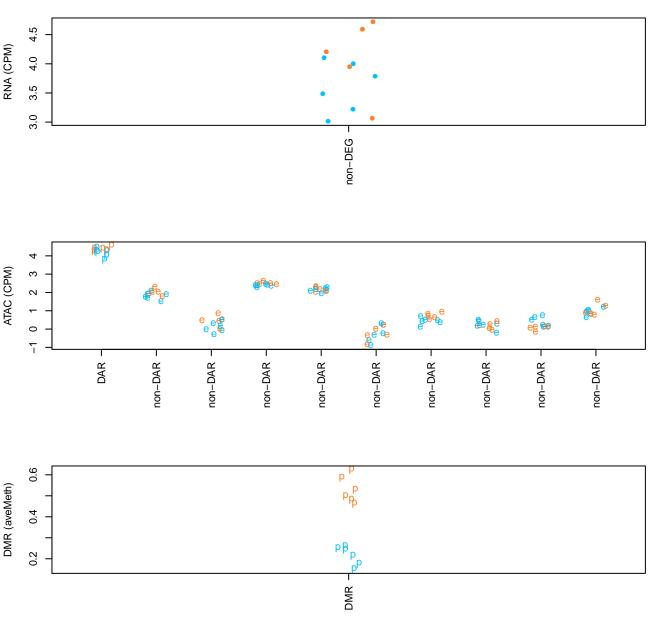
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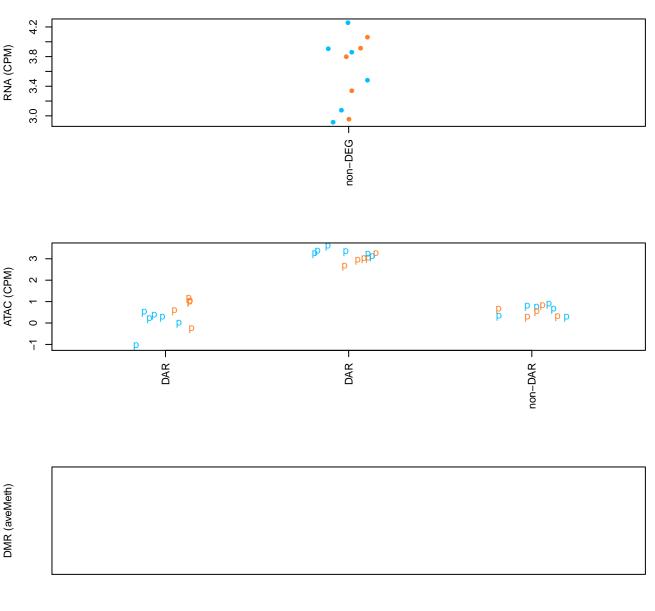
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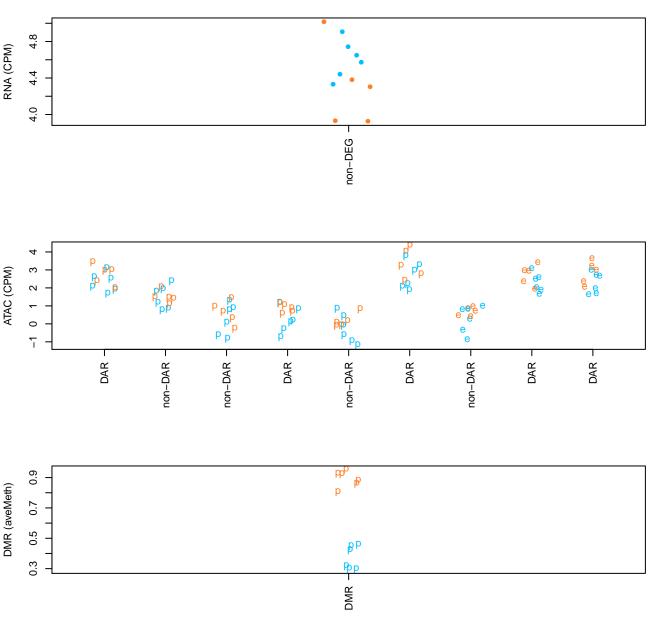
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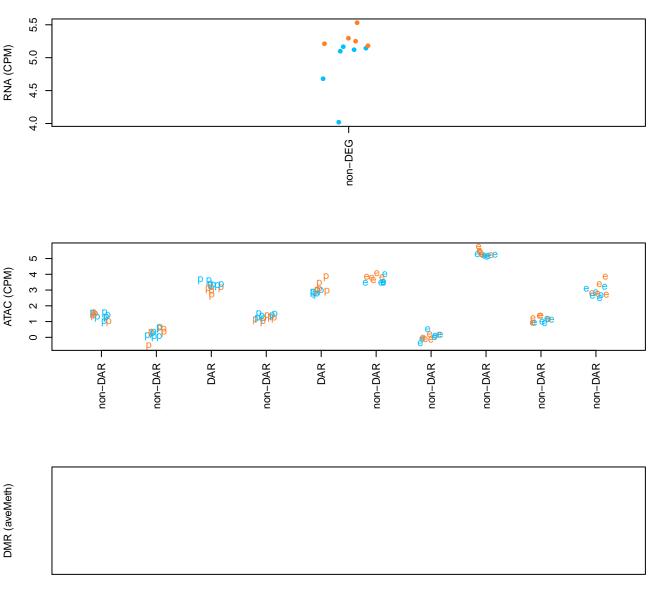
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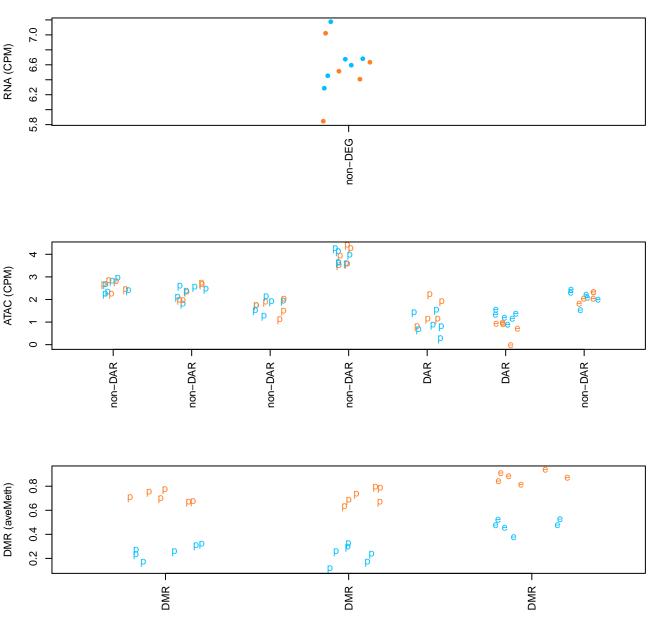
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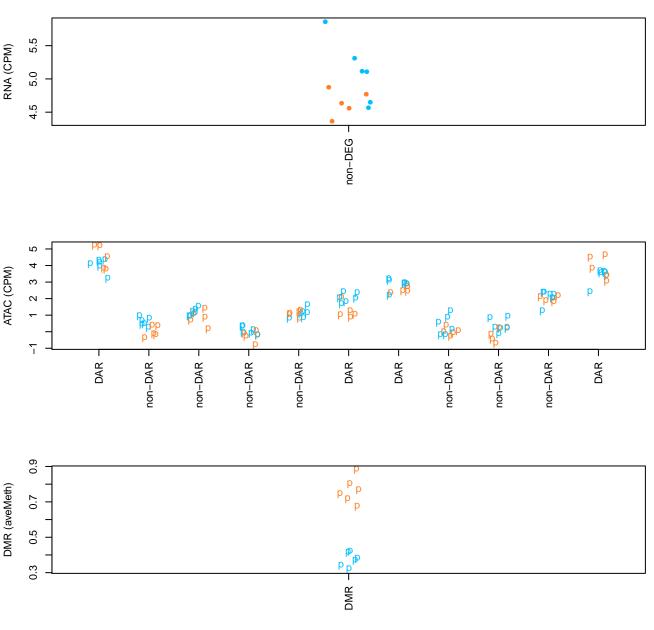
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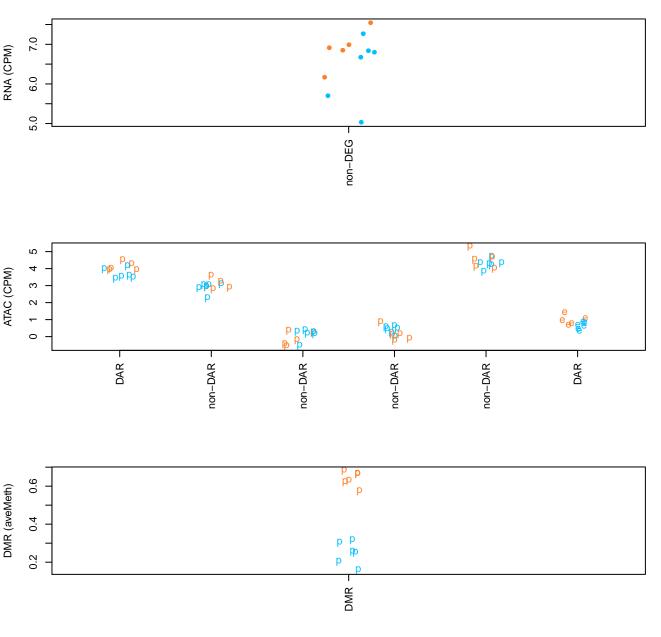
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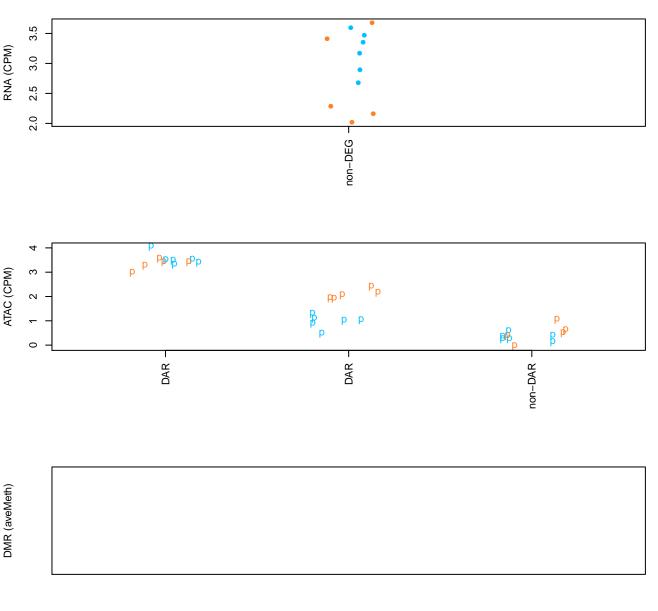
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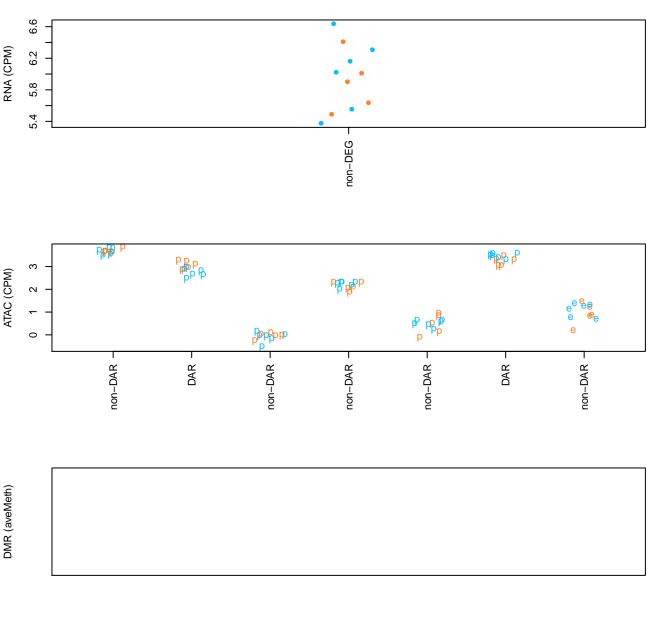
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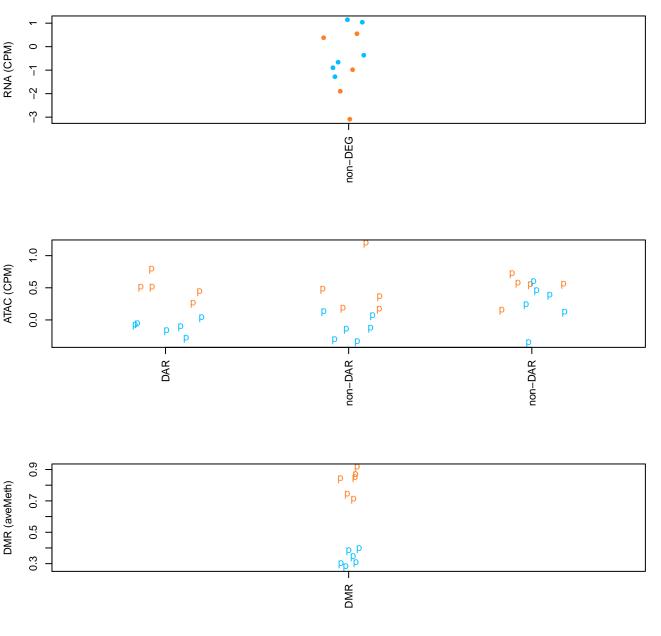


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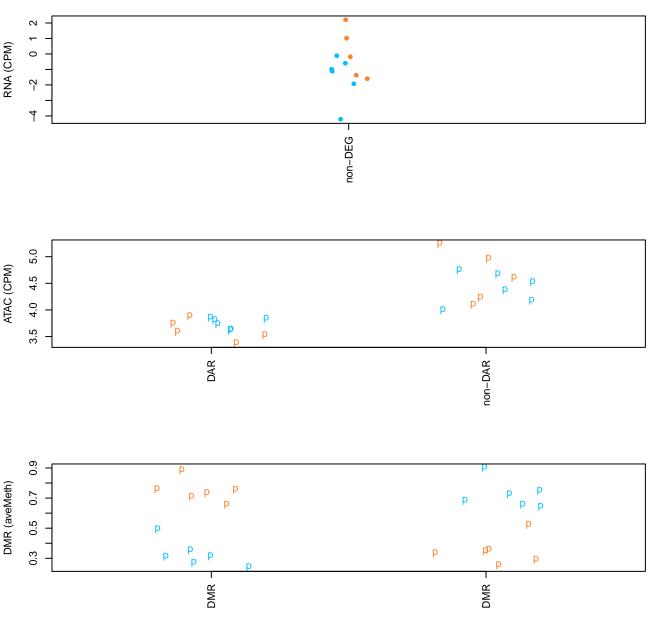
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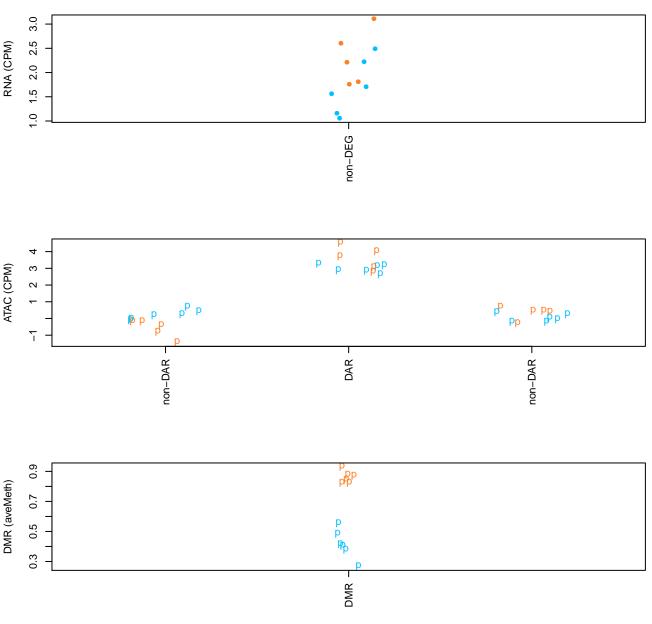
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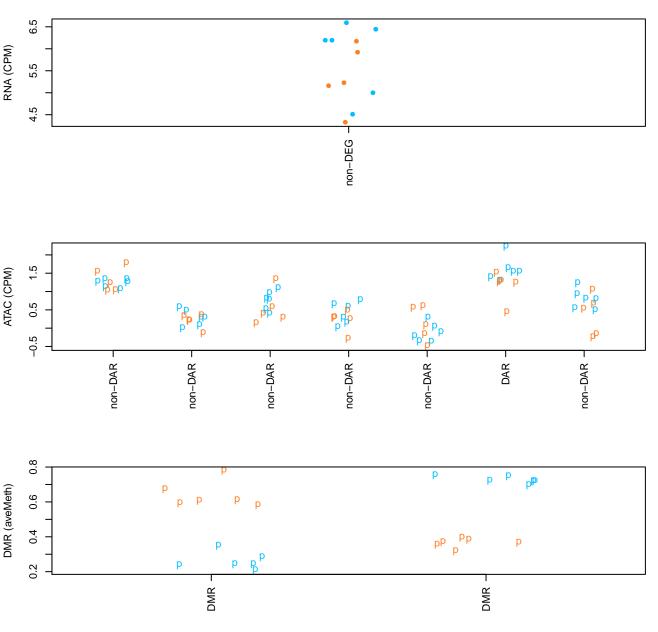


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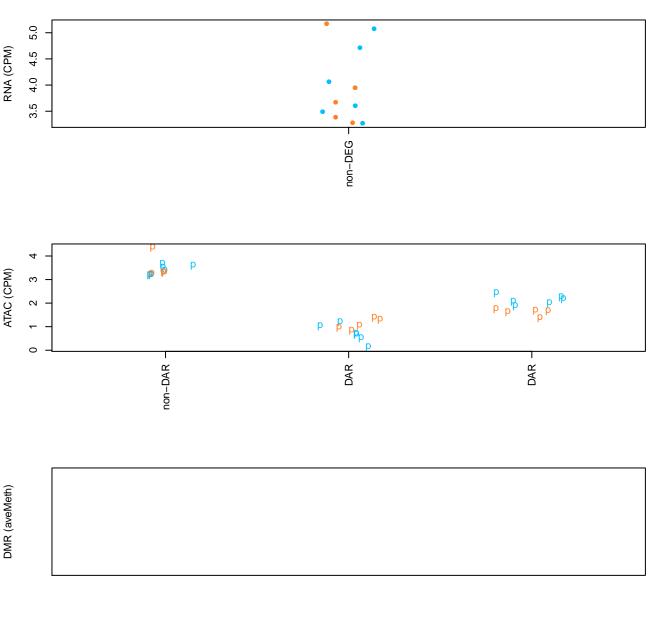
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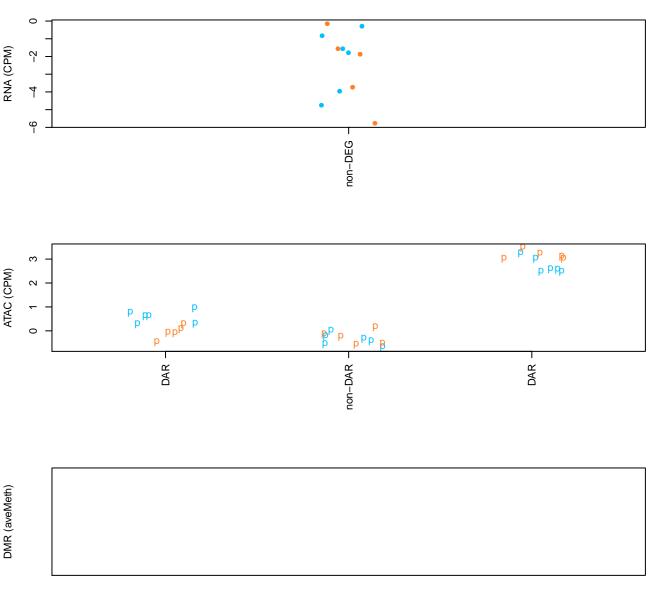
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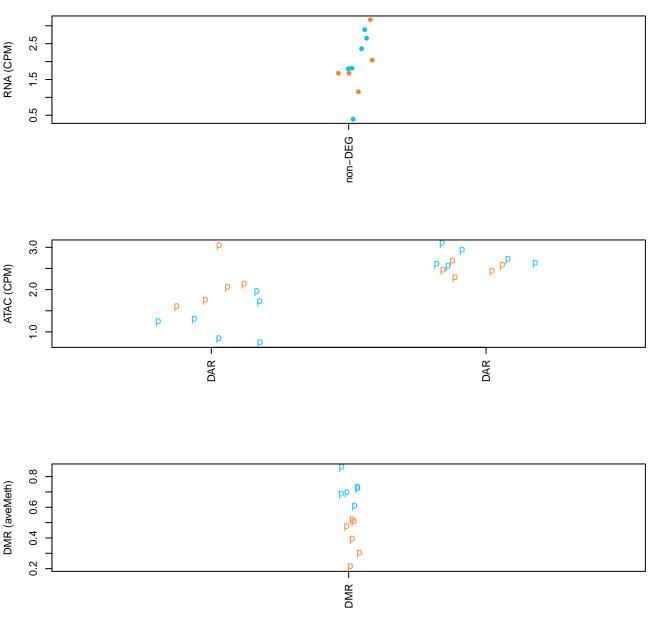


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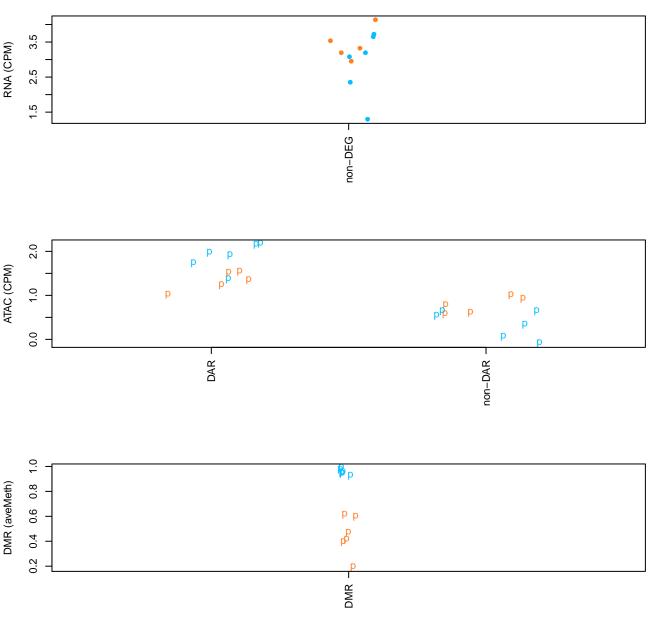


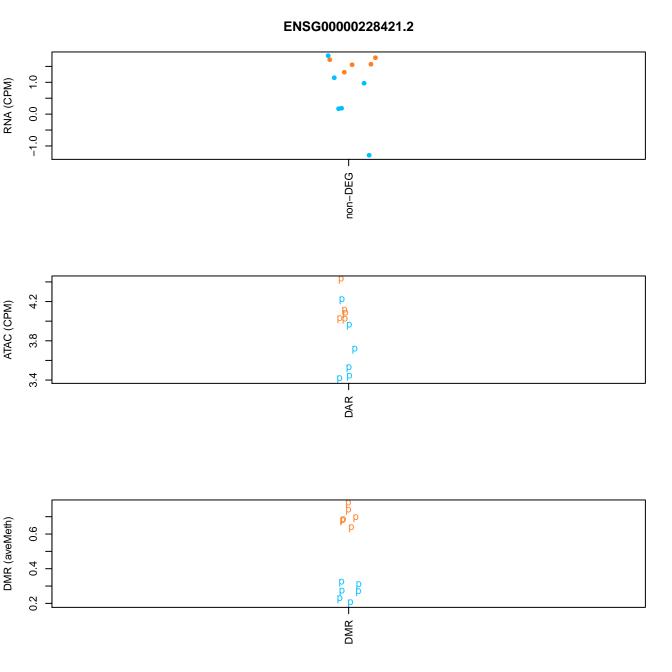
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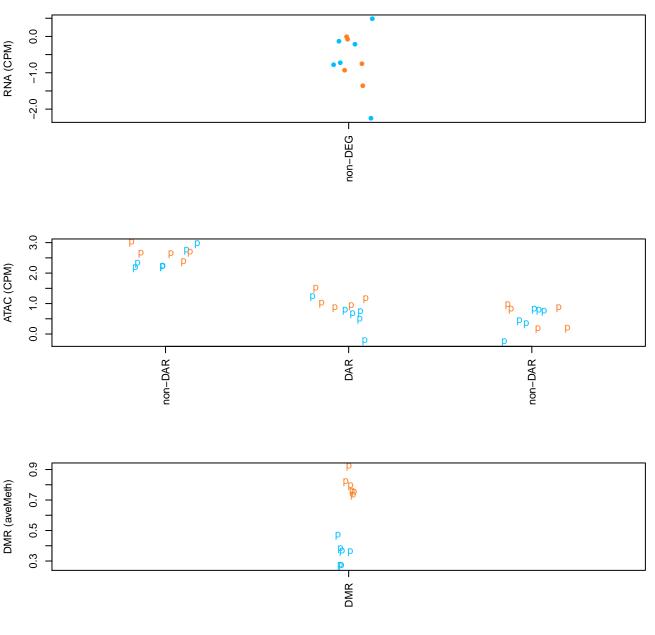


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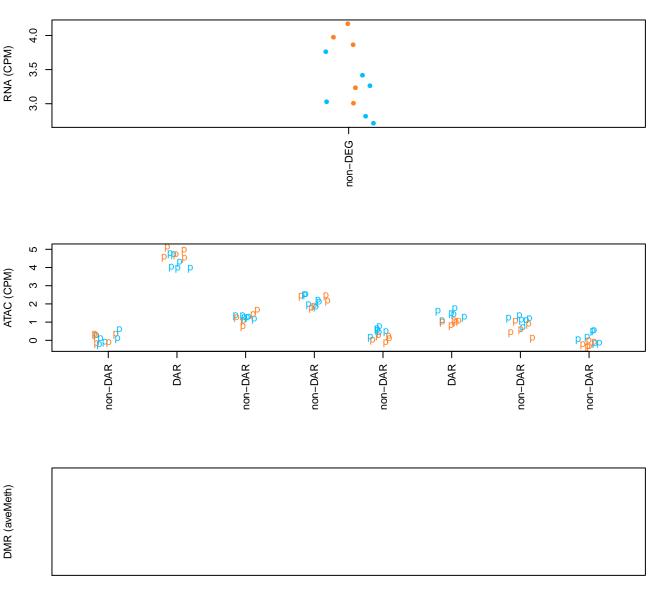




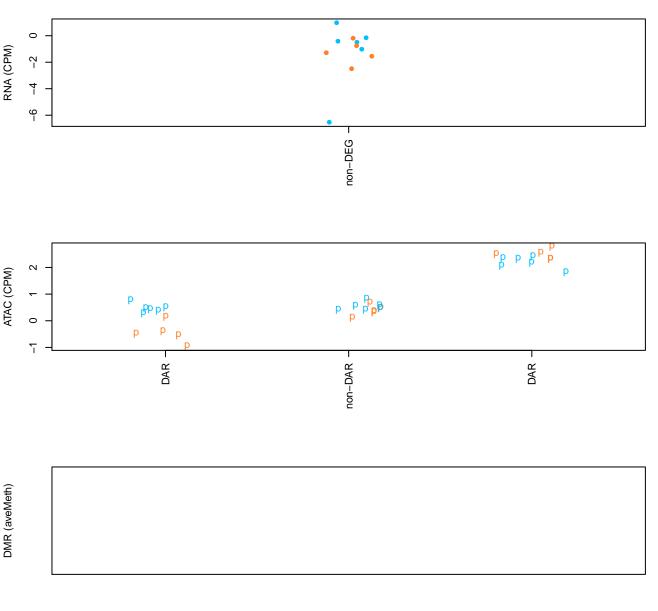
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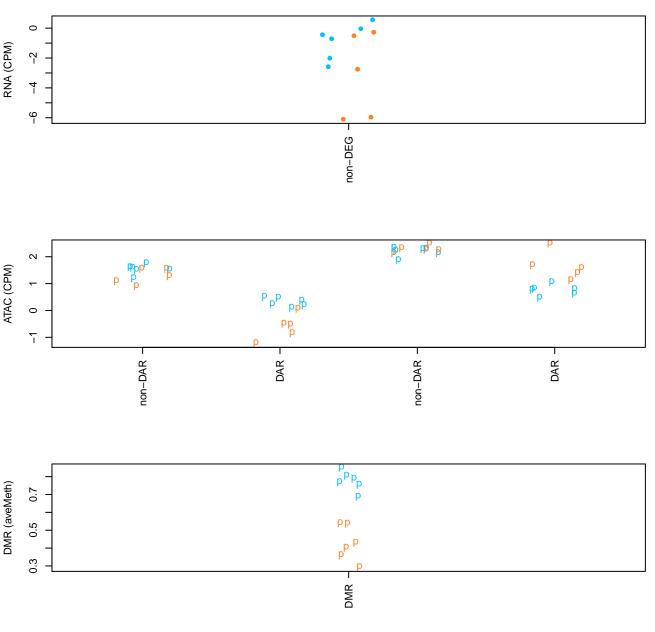
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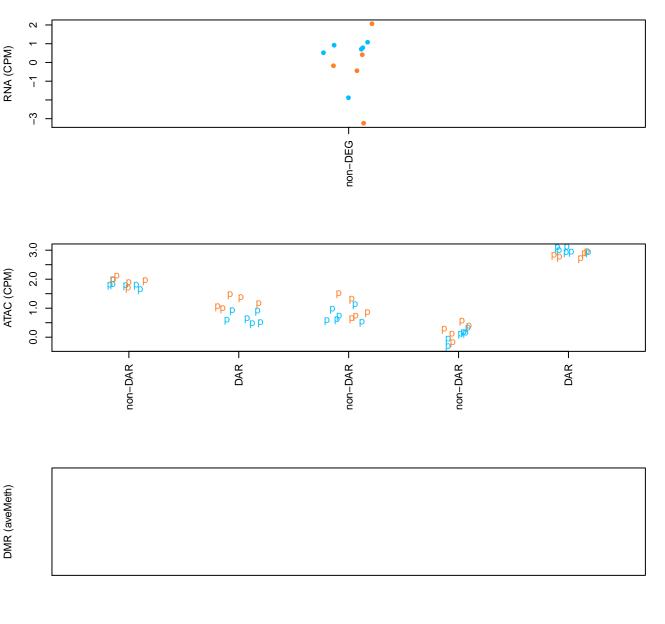
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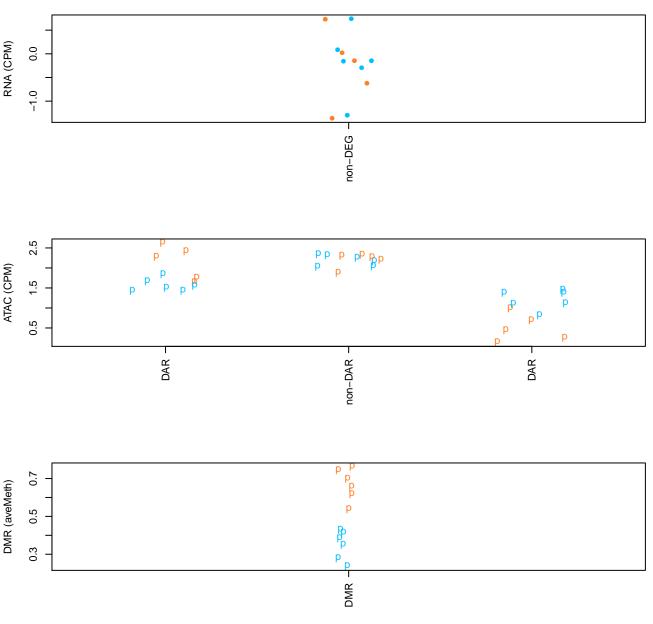
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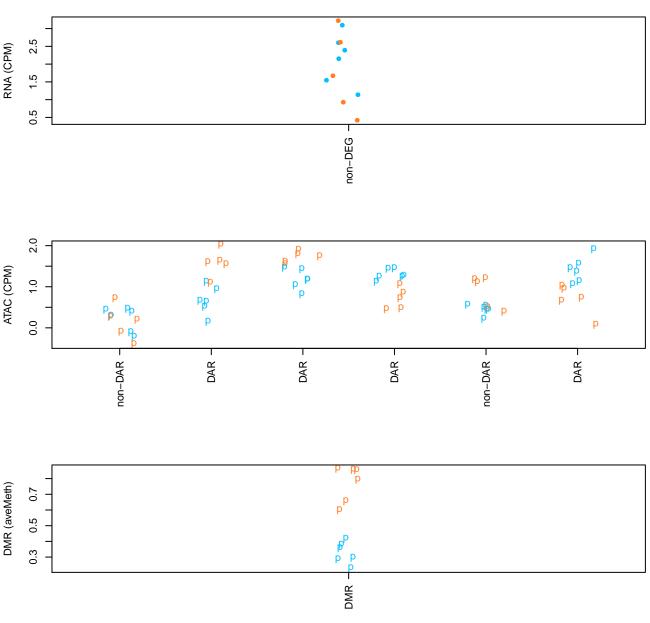
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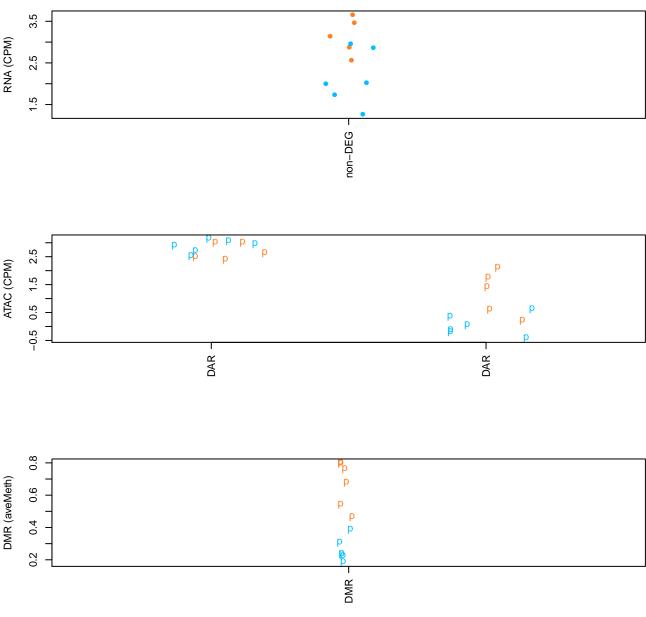
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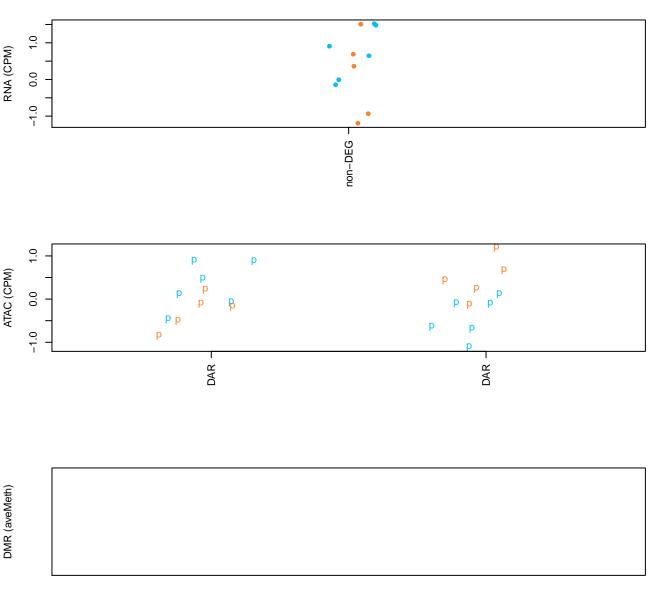
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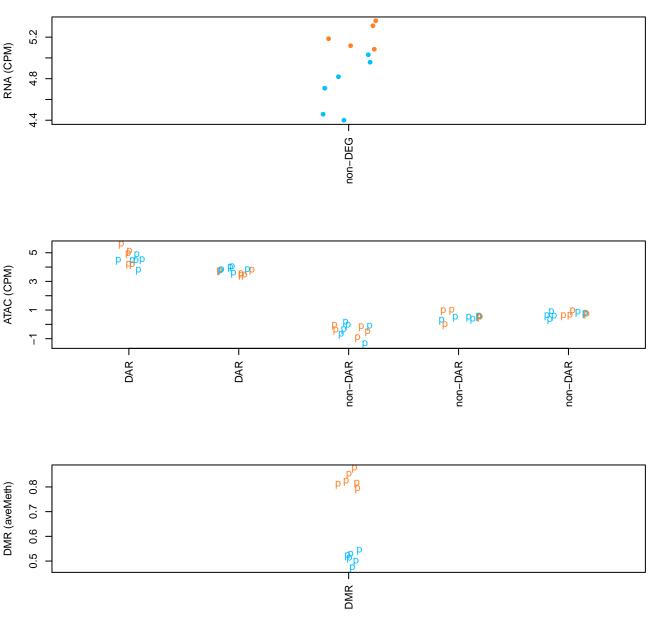
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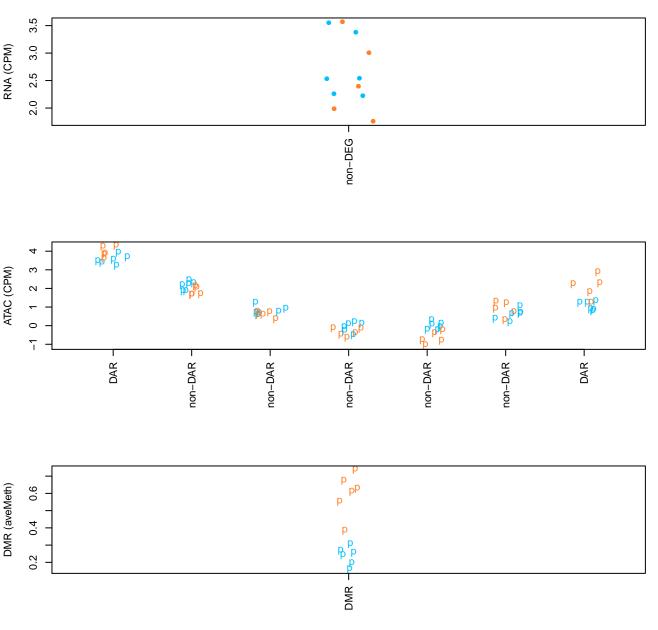
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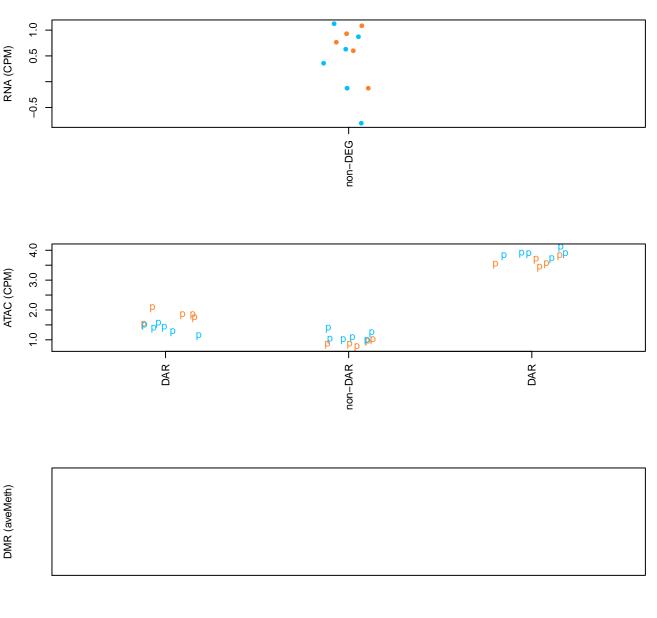
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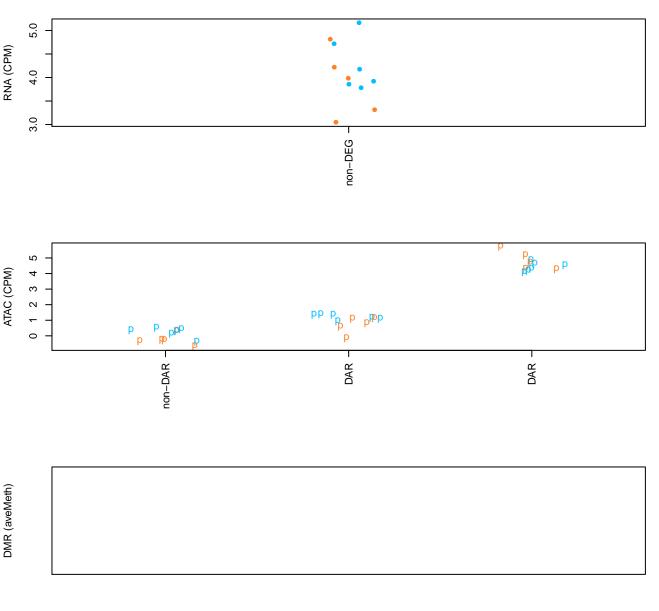
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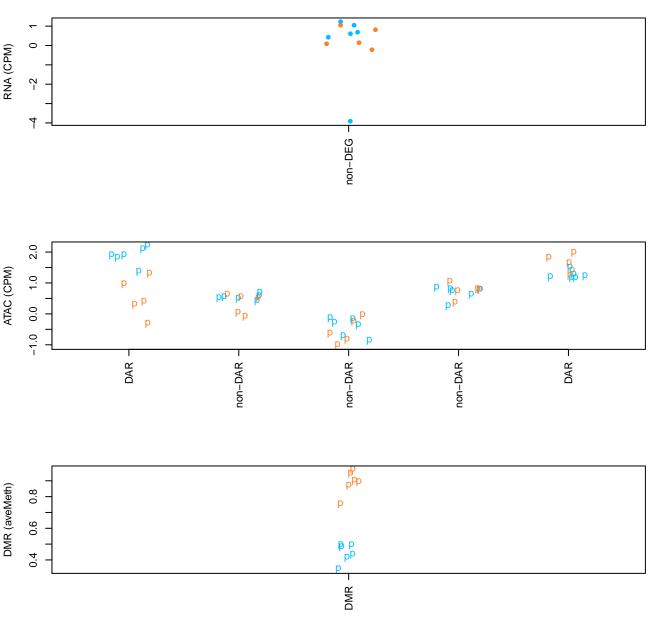


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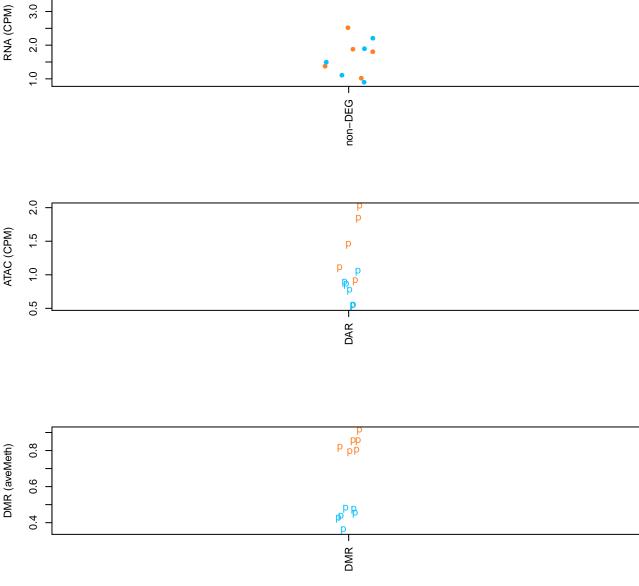
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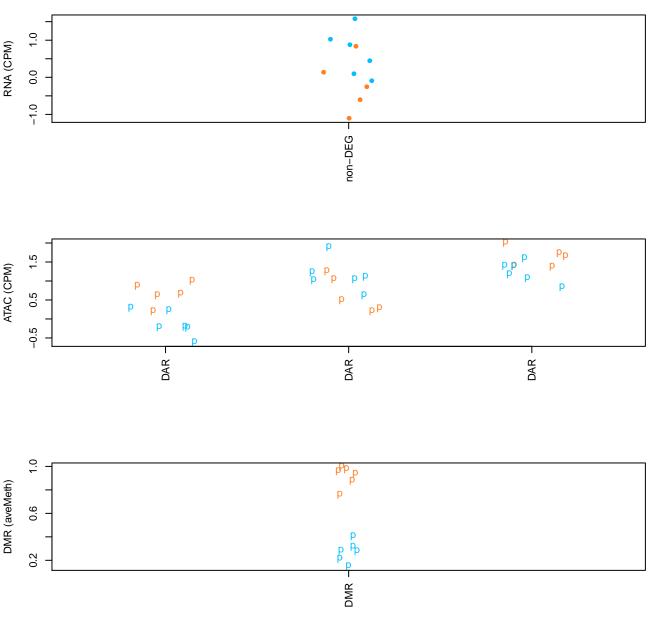
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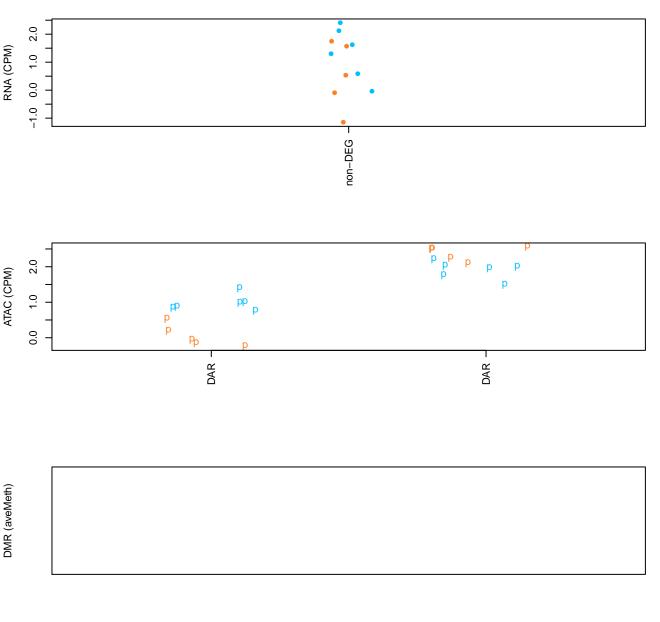
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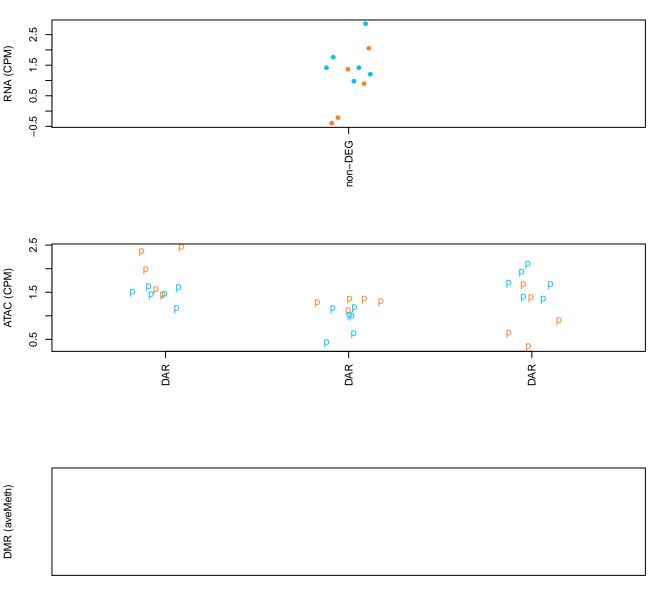
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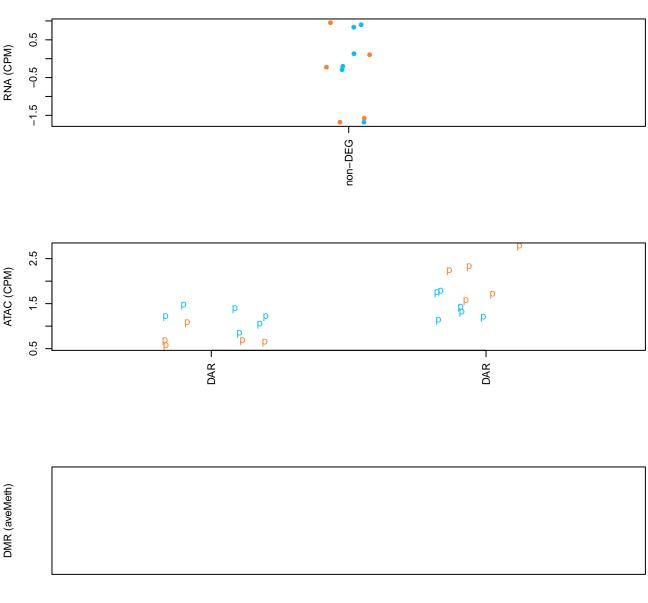
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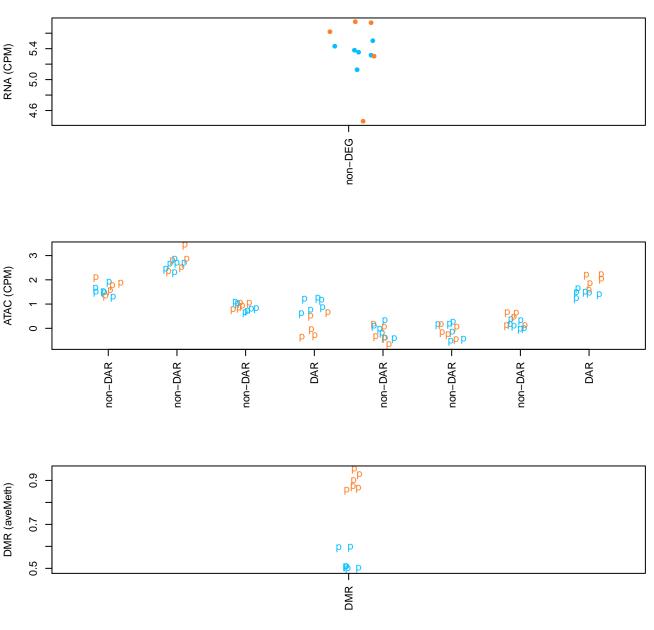
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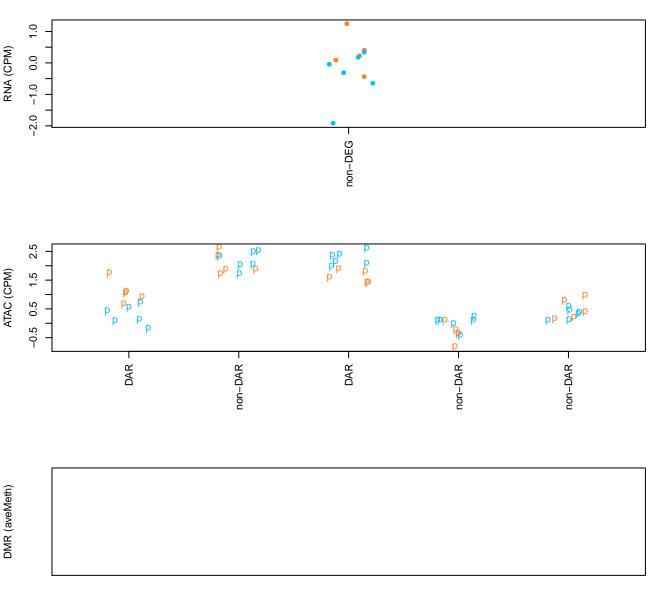
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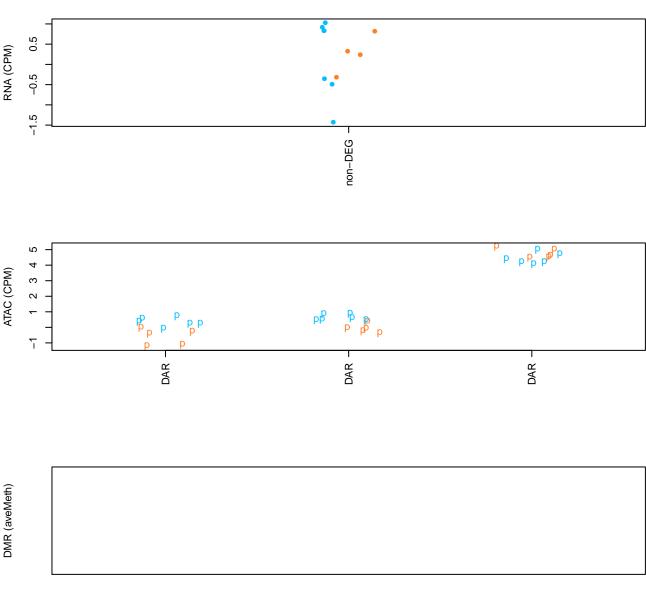


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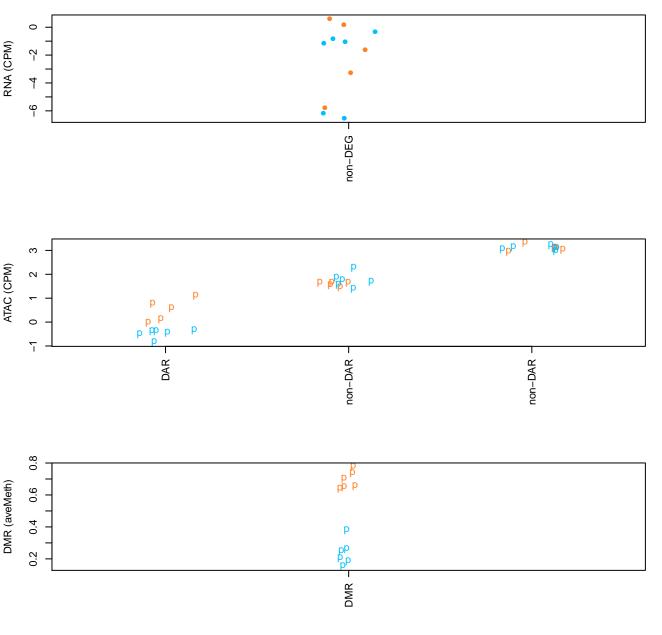


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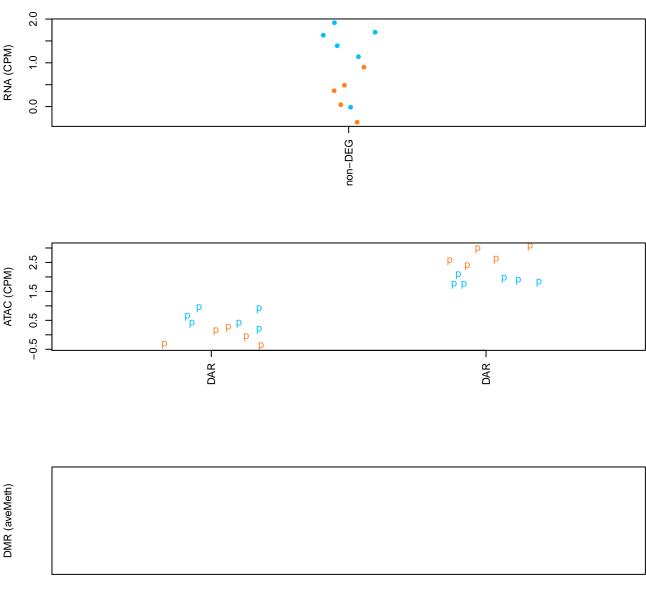
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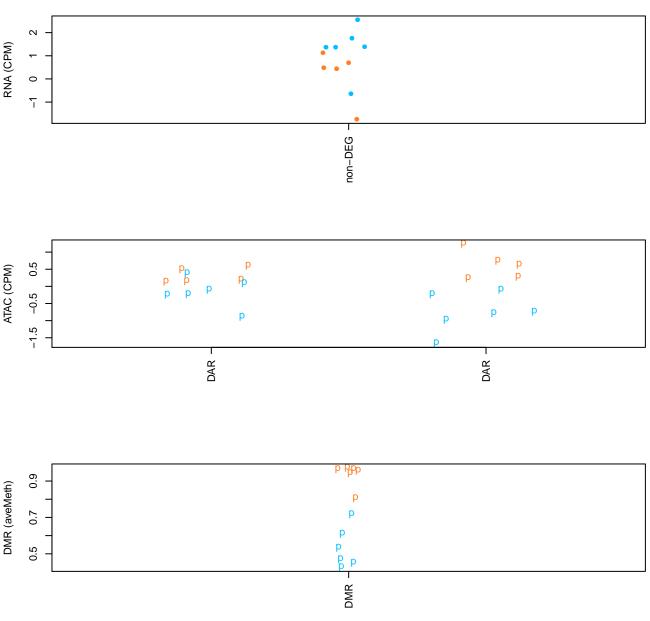
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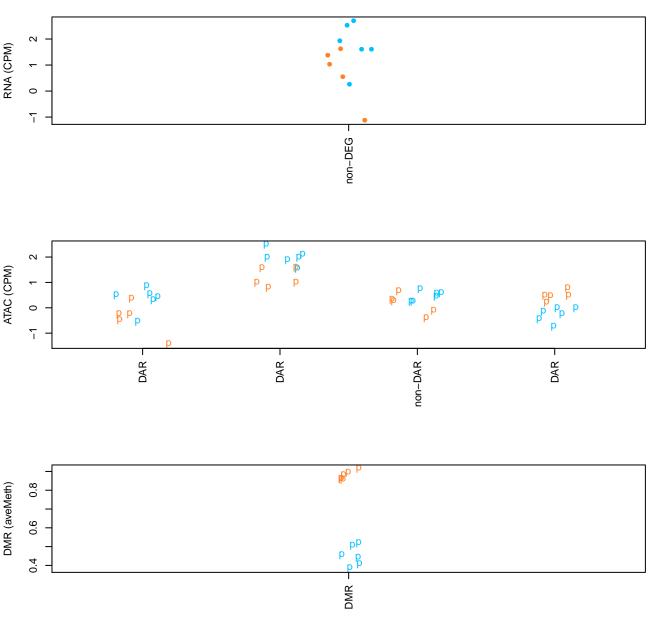
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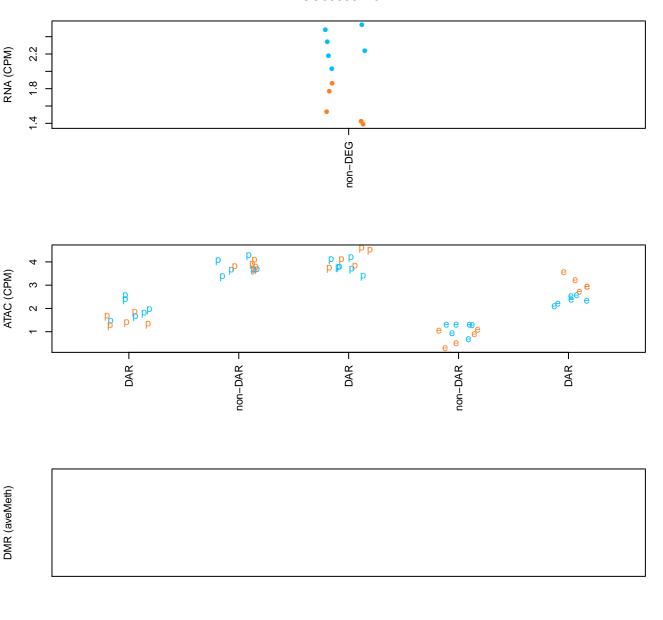
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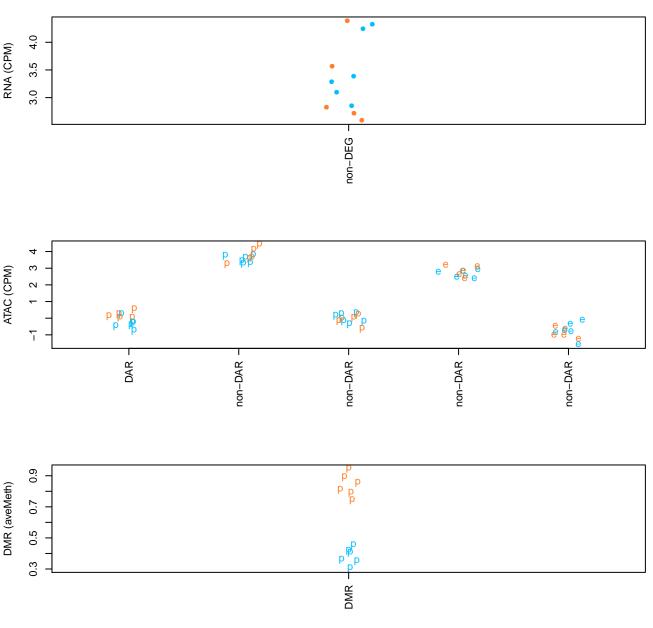
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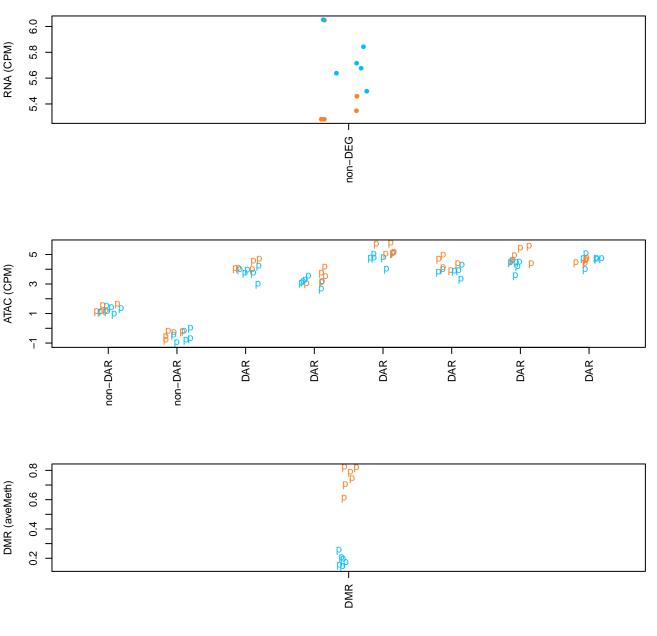
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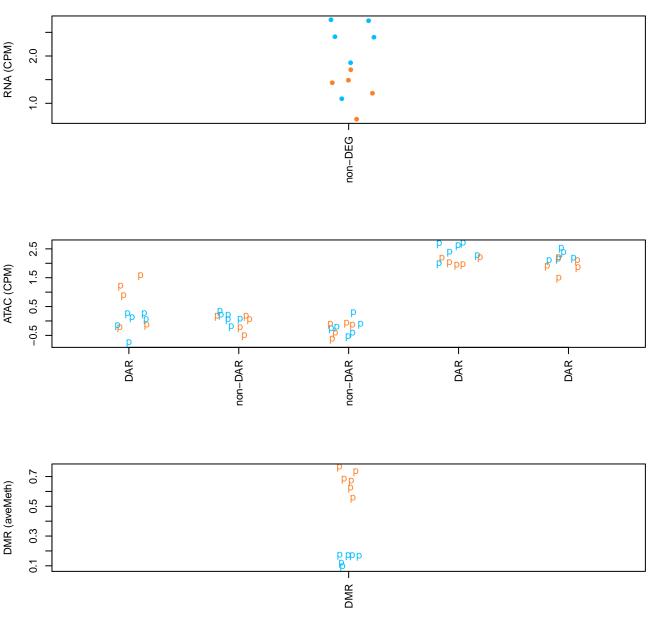
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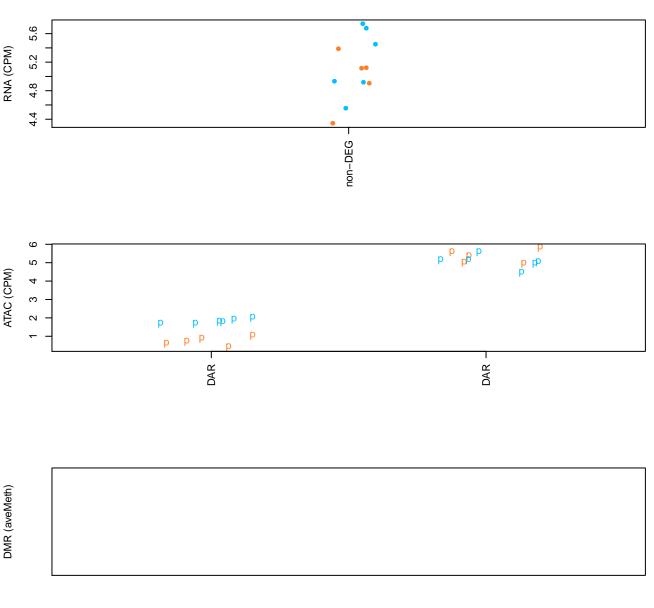
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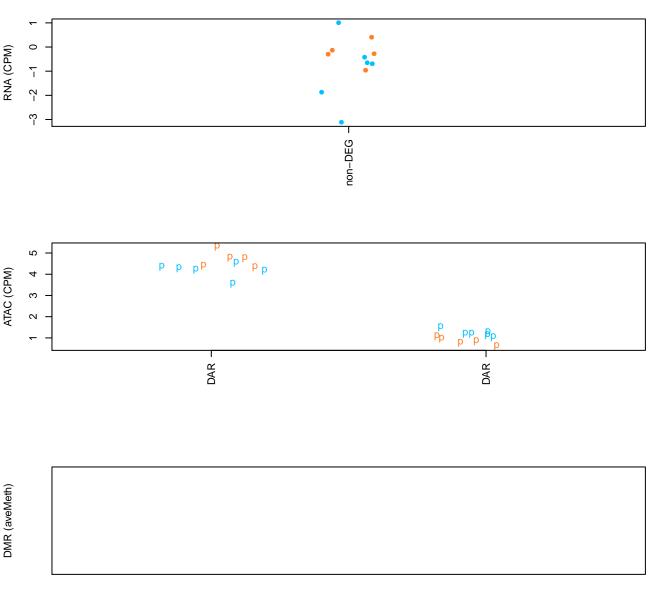


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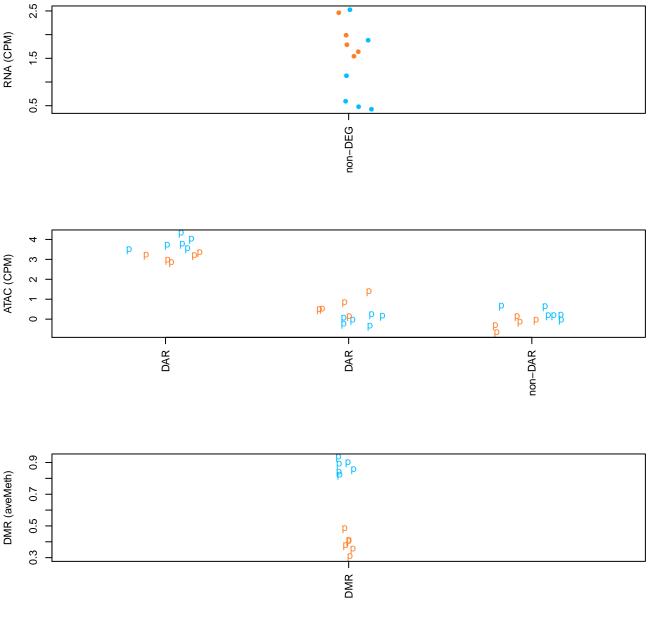


ENSG00000246022.2 RNA (CPM) 4 non-DEG 2.0 b b b b b ATAC (CPM) -1.0 0.0 1.0 βр p non-DAR non-DAR -DAR 0.7 DMR (aveMeth) **p** p 0.5 0.1 0.3 p_{p p} DMR -

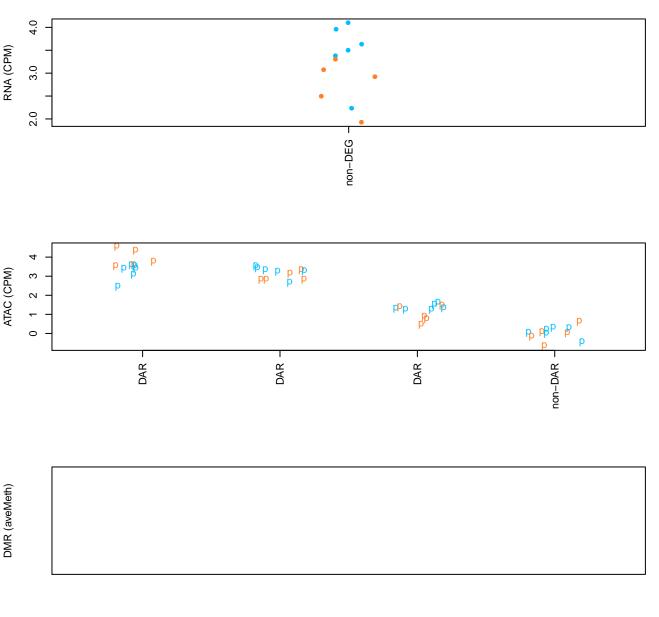
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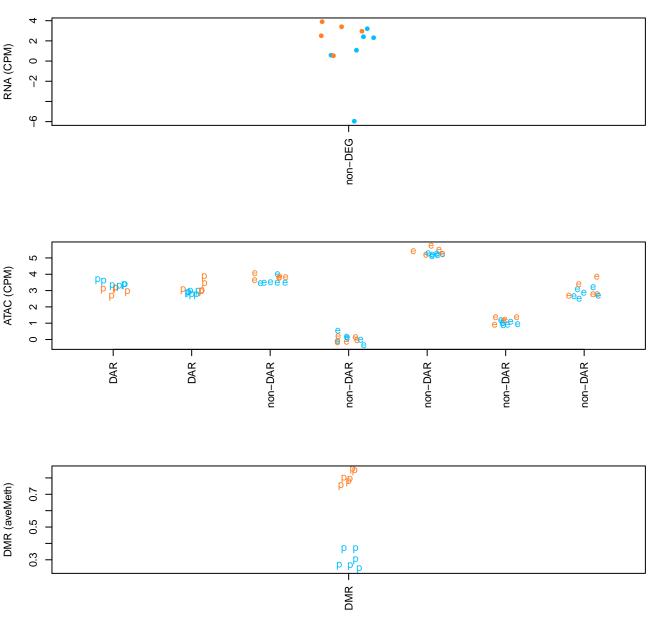
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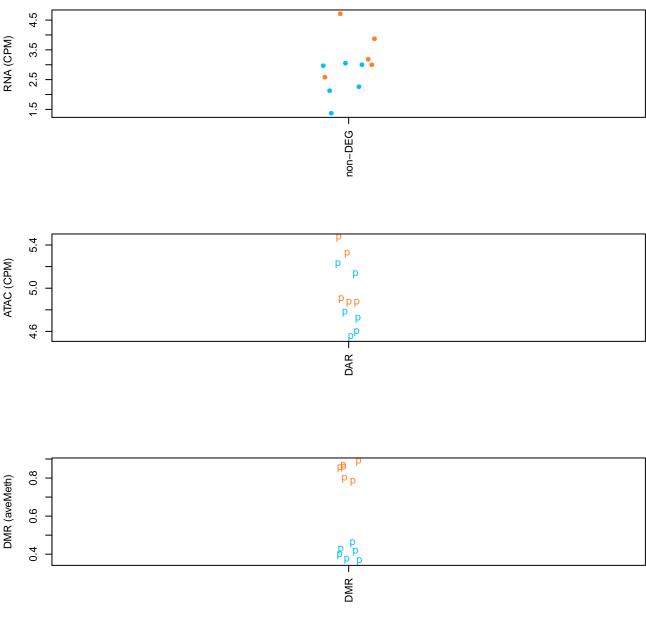
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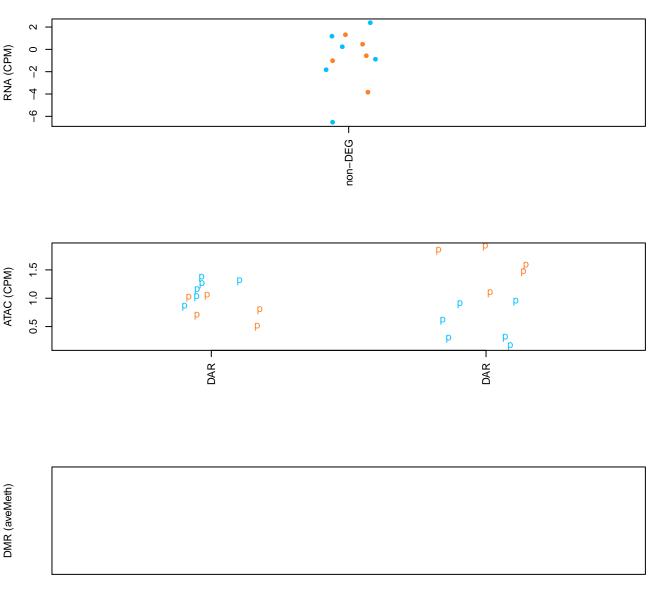
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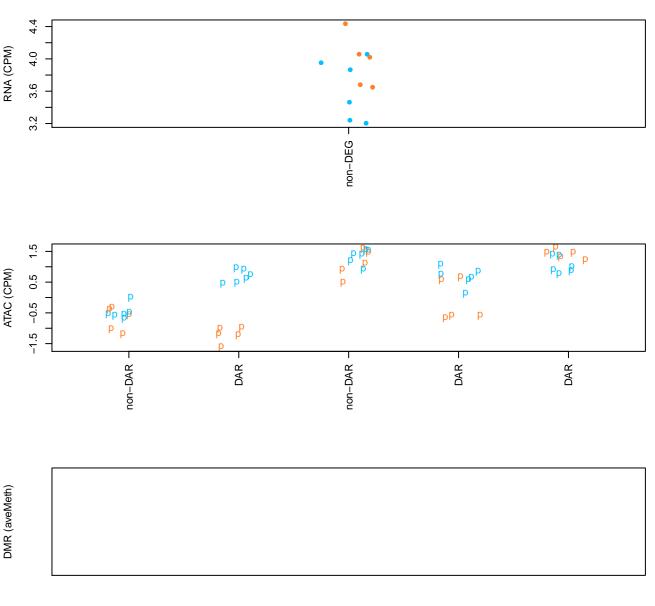
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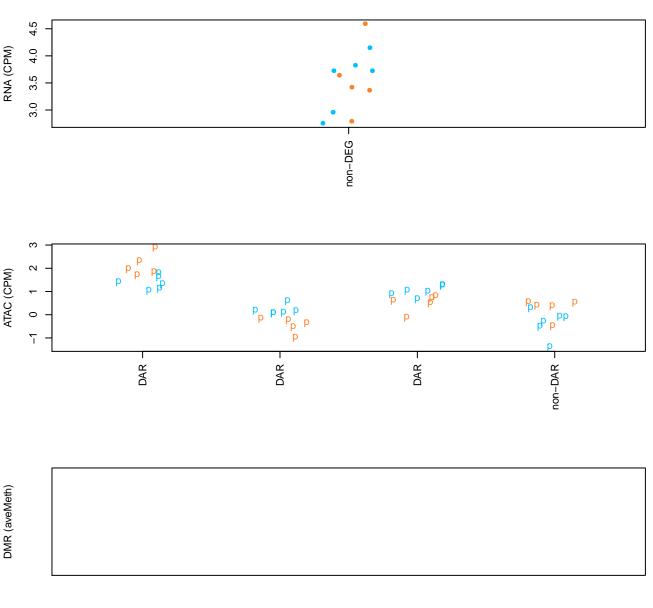
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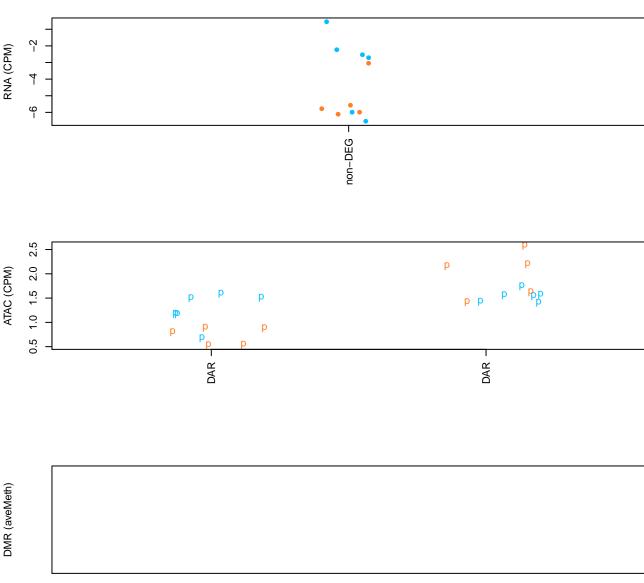
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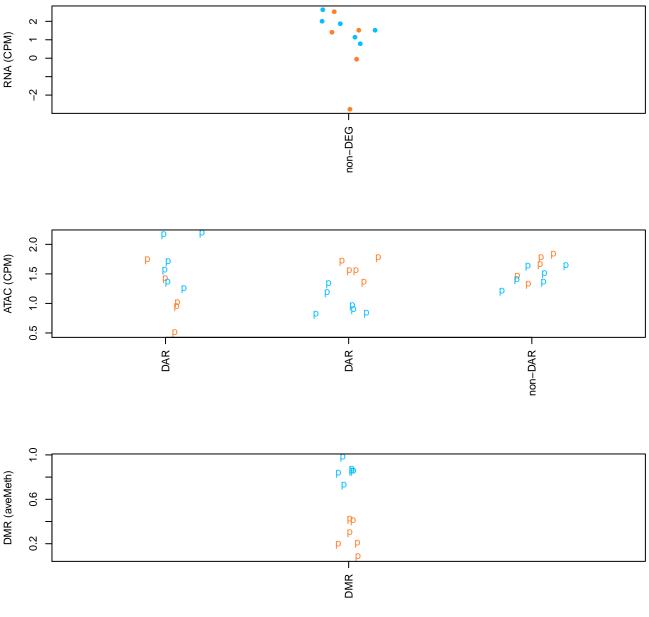
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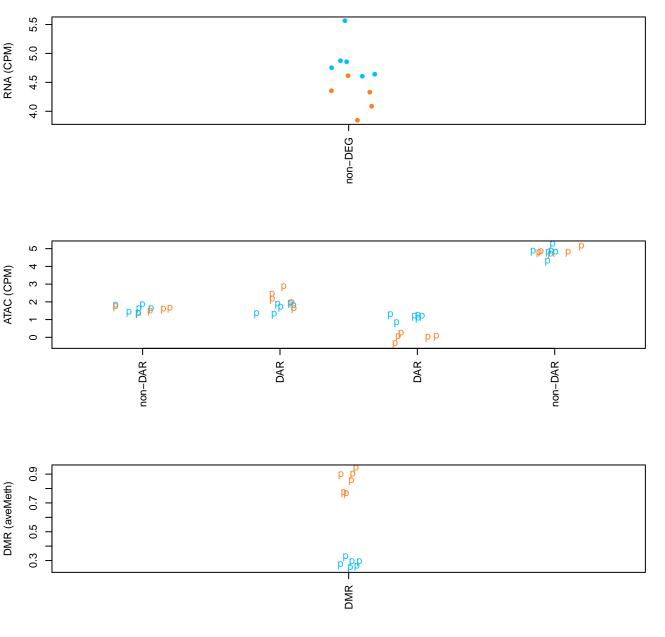
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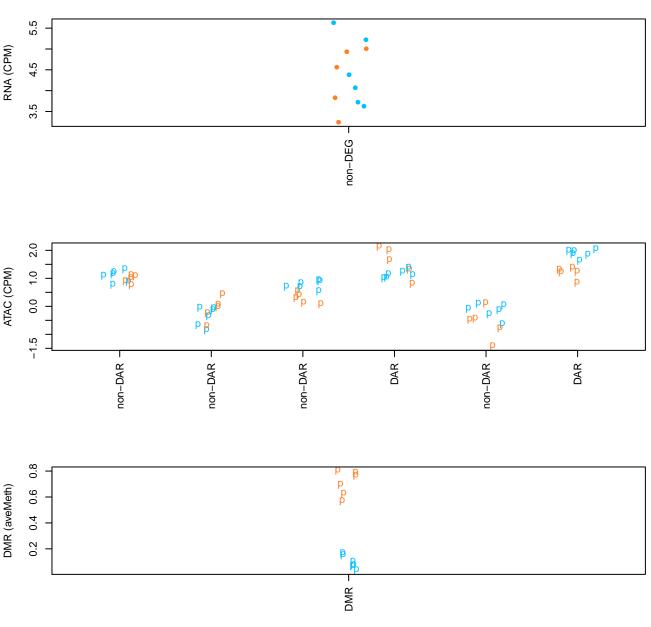
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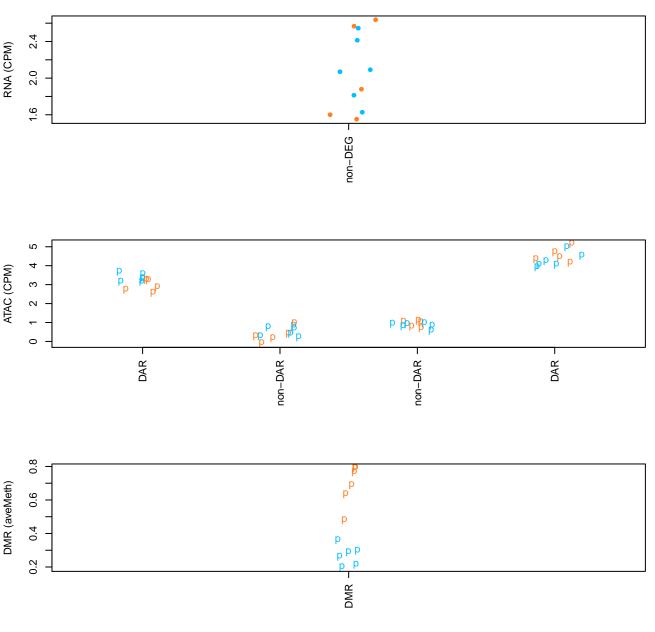
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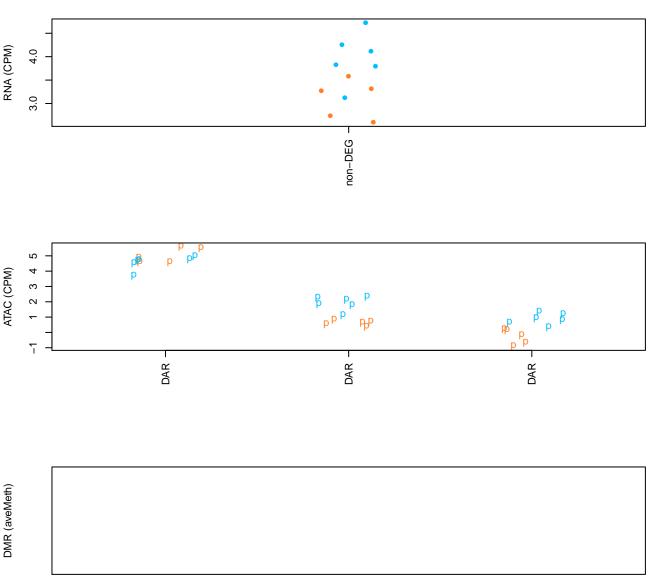
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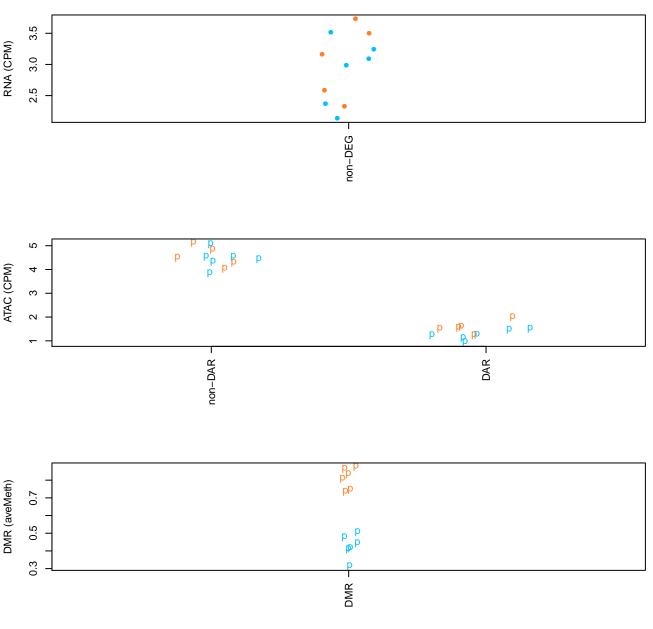
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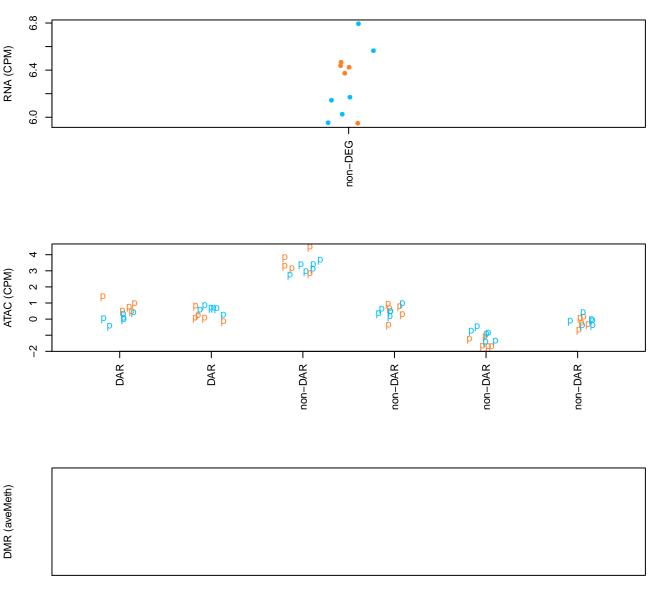
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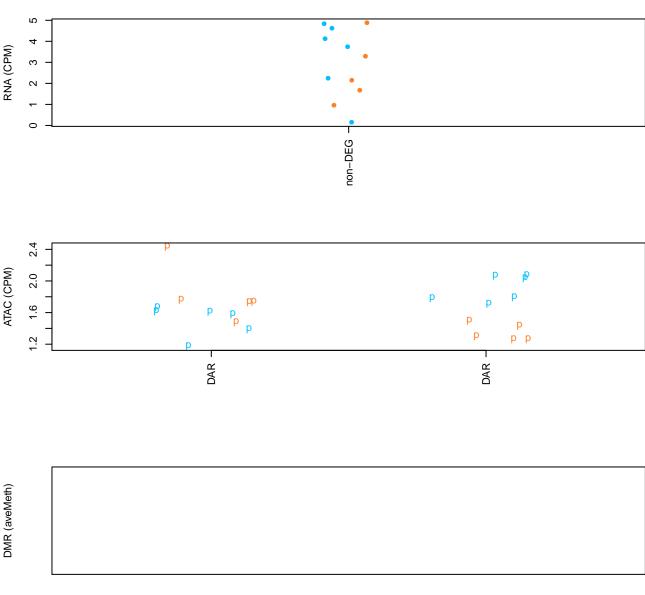
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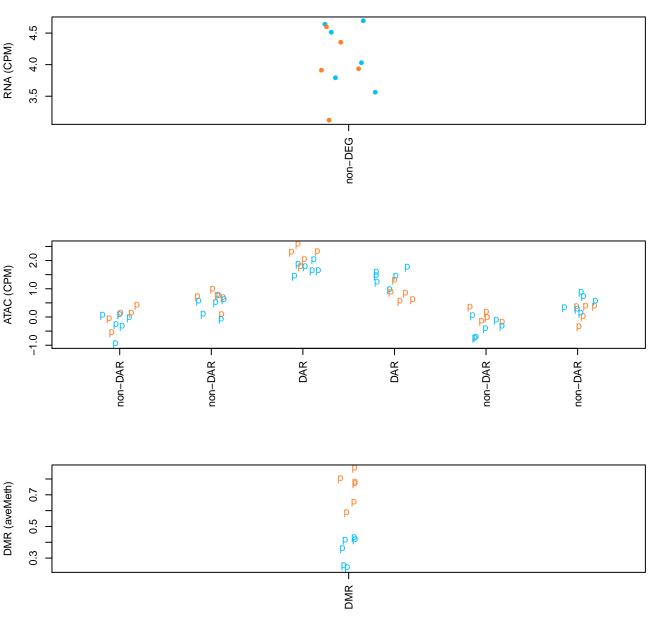
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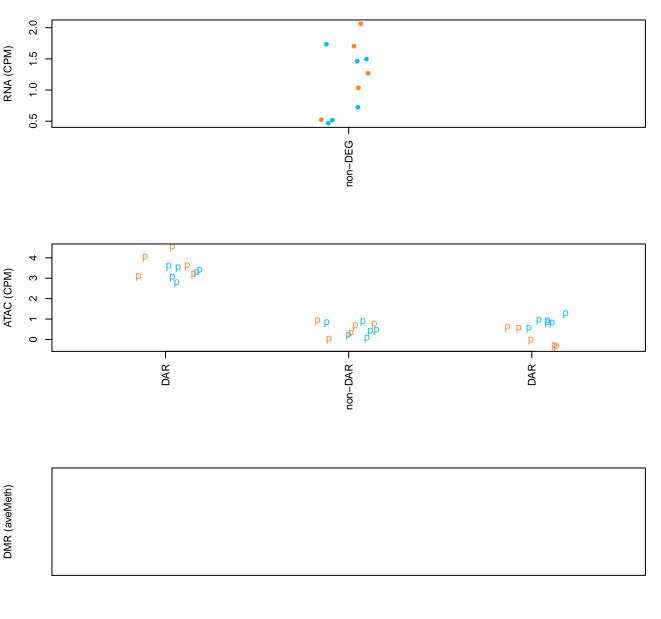
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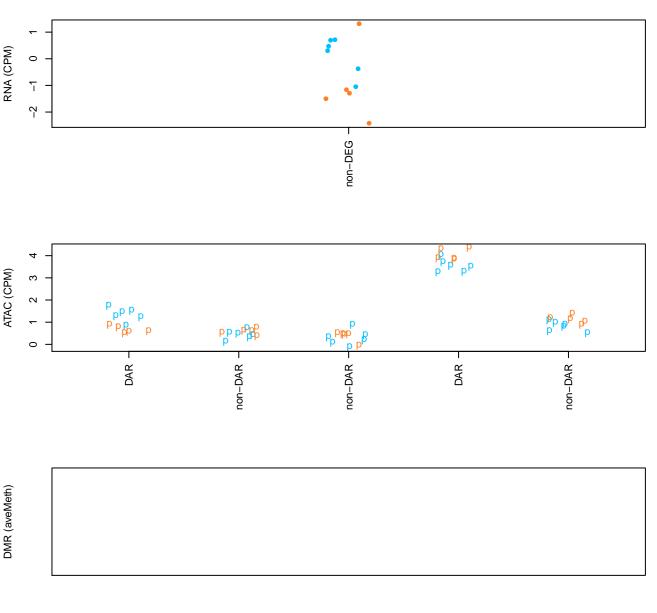
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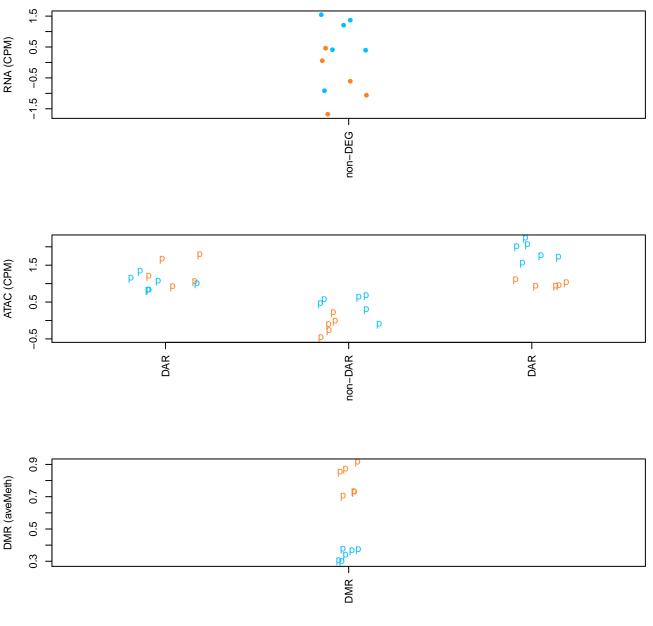
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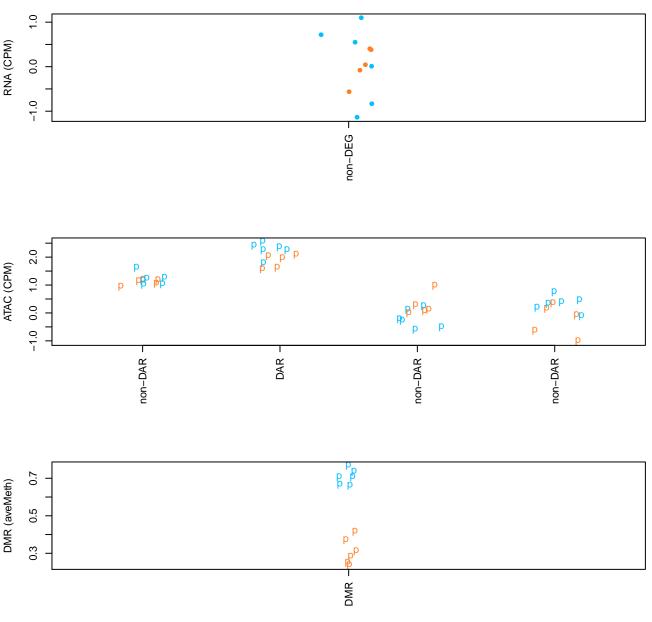
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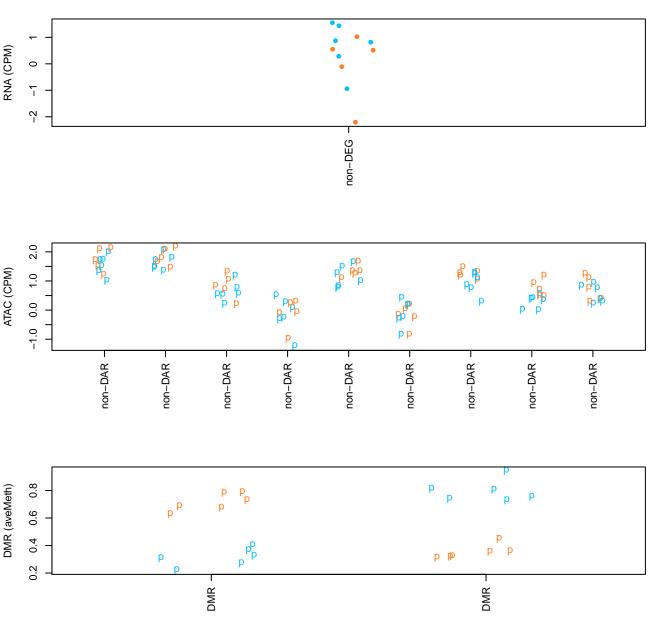
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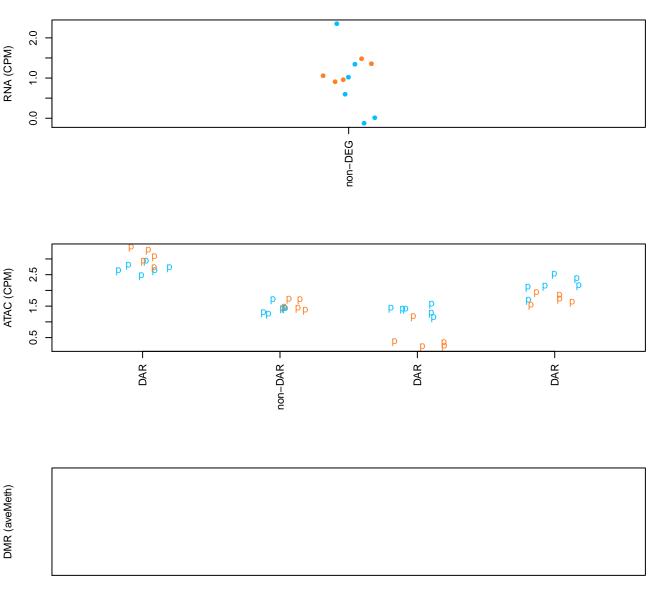
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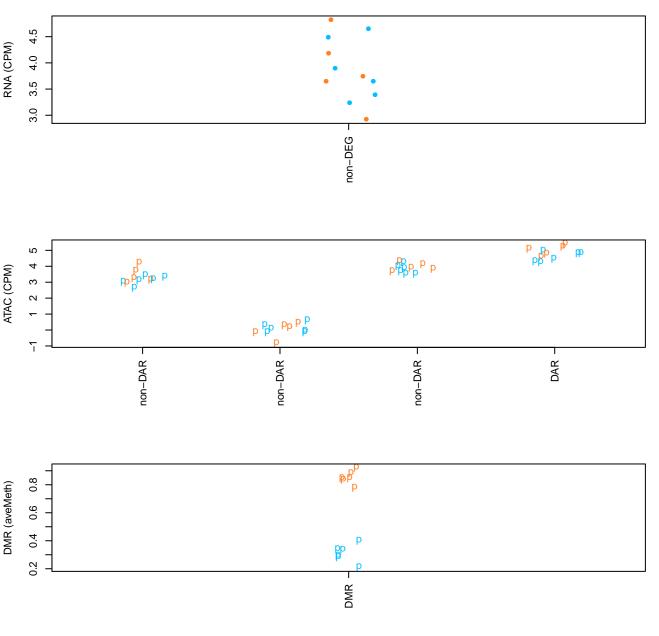
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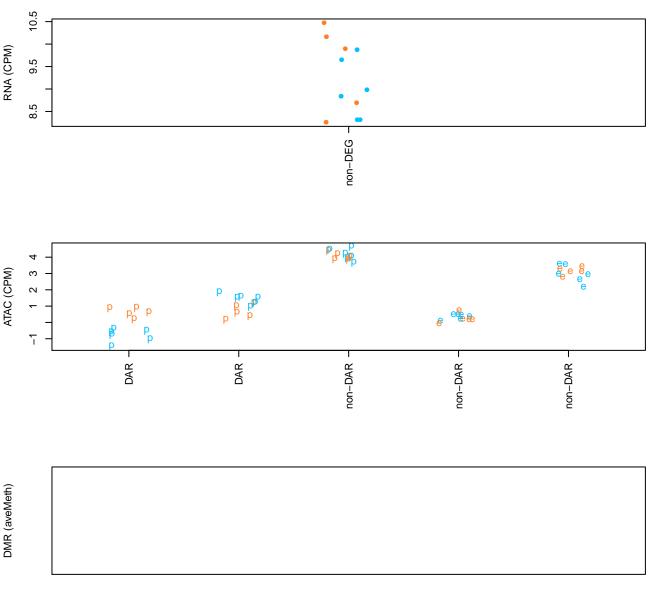
ENSG00000259802.1 RNA (CPM) 0 ī non-DEG 5.5 4.0 4.5 5.0 ATAC (CPM) DAR 9.0 DMR (aveMeth) 0.4 p 0.2 DMR -

ENSG00000260001.2 3.5 RNA (CPM) 2.5 1.5 0.5 non-DEG b b dod p ATAC (CPM) 2 4 က e e e N e e е е DAR non-DAR 0.8 DMR (aveMeth) р р pp 0.2 0.4 0.6 p p p p p p DMR -DMR

ENSG00000260630.2

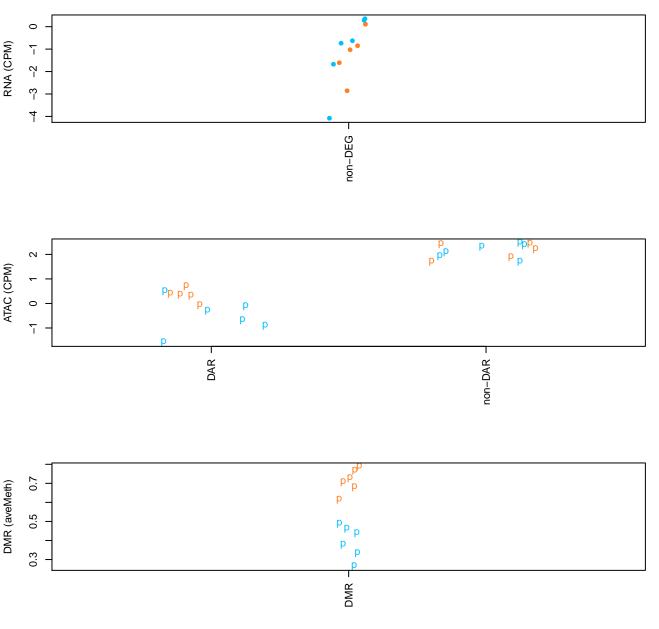


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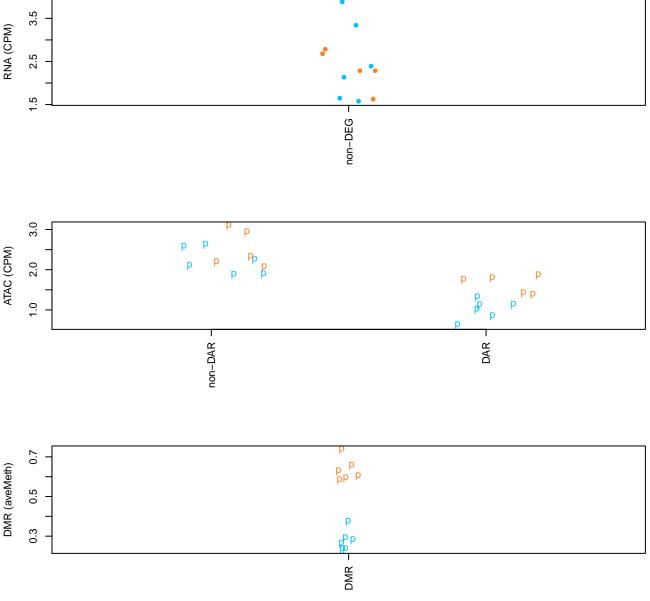


ENSG00000260919.1 RNA (CPM) -3 -2 -1 non-DEG 6.4 ATAC (CPM) 0.9 p p p 9.6 5.2 DAR -DMR (aveMeth) 0.7 0.5 DMR - ddd 0.3

ENSG00000262313.1

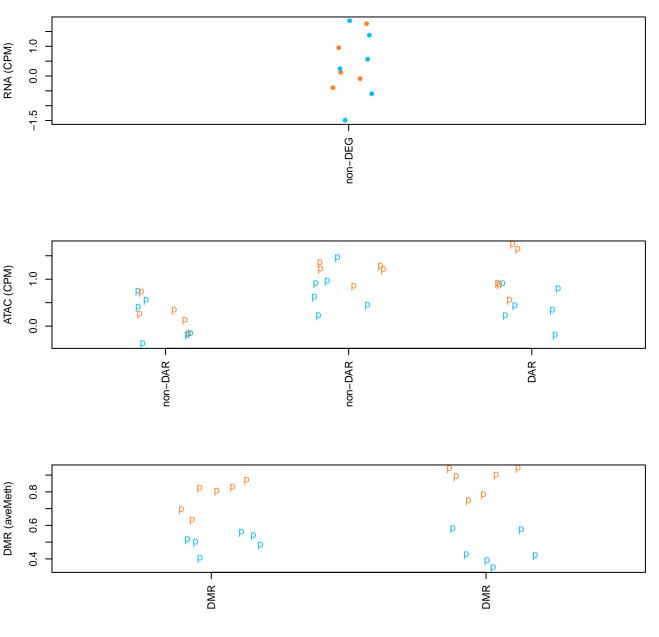


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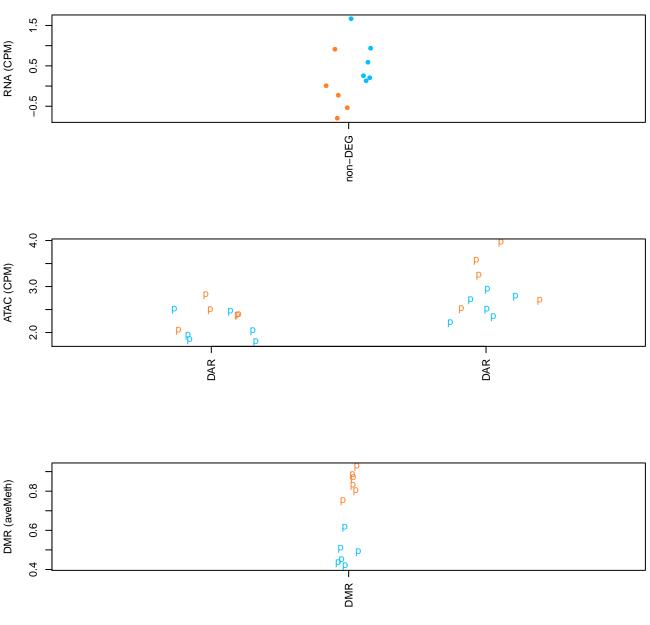


ENSG00000265451.1 RNA (CPM) -2 non-DEG 4.6 ATAC (CPM) 4.2 3.8 3.4 DAR DMR (aveMeth) pp 0.2 DMR -

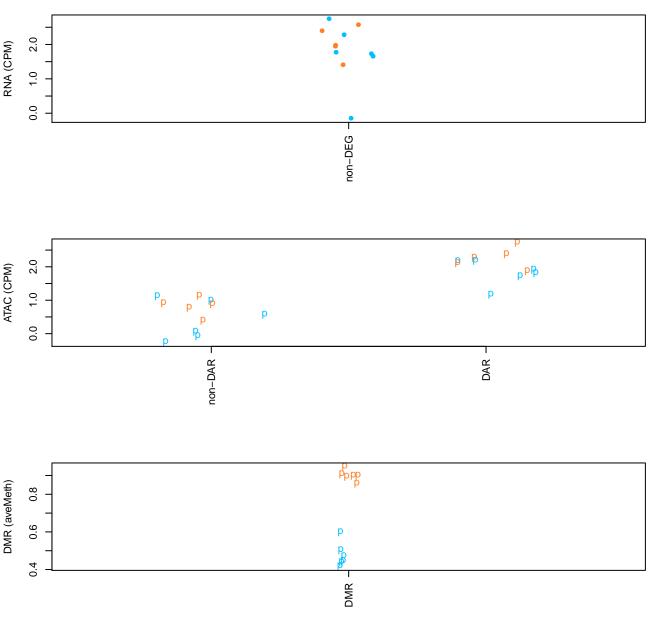
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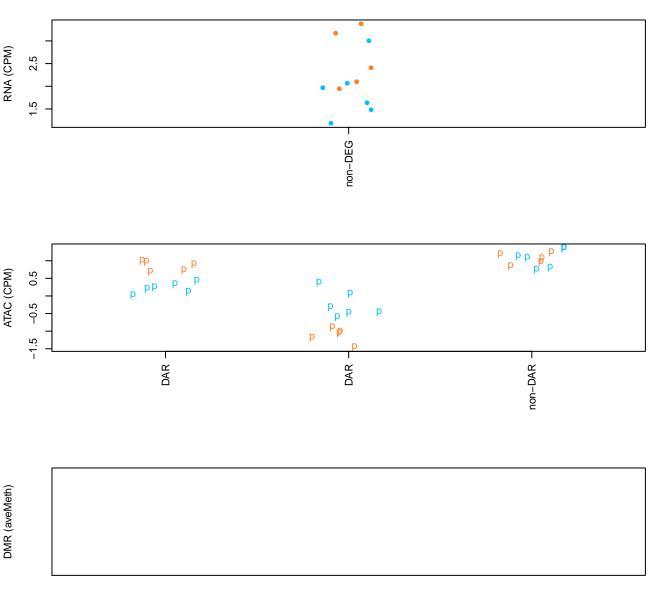


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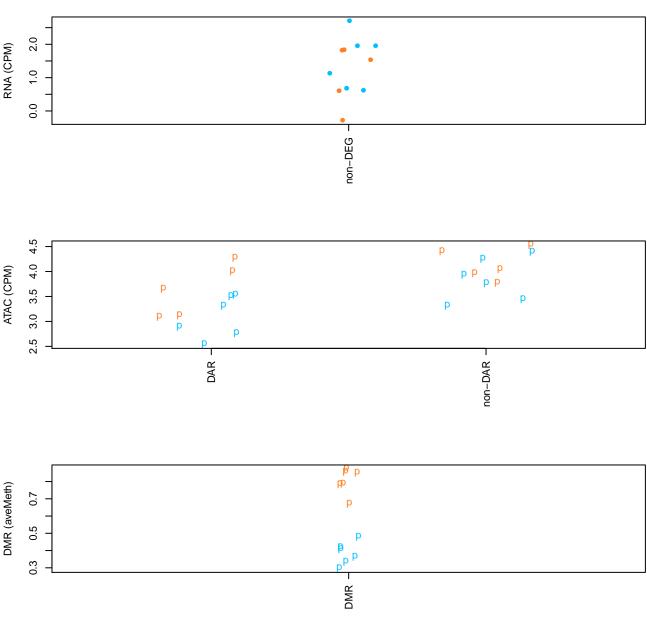


ENSG00000267607.1 2.0 RNA (CPM) 1.0 non-DEG 2 p p p ATAC (CPM) p က 0 <mark>р</mark>р p non-DAR -DMR (aveMeth) 9.0 p p 9.4 βp 0.2 DMR -

ENSG00000267690.1

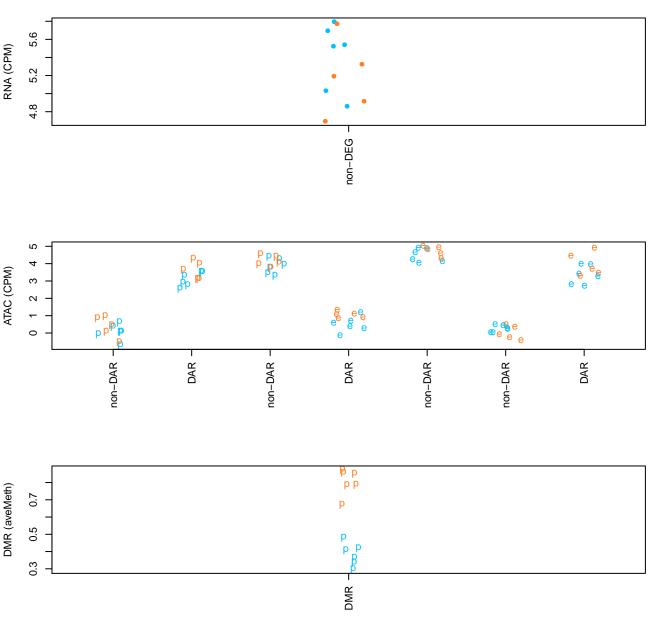


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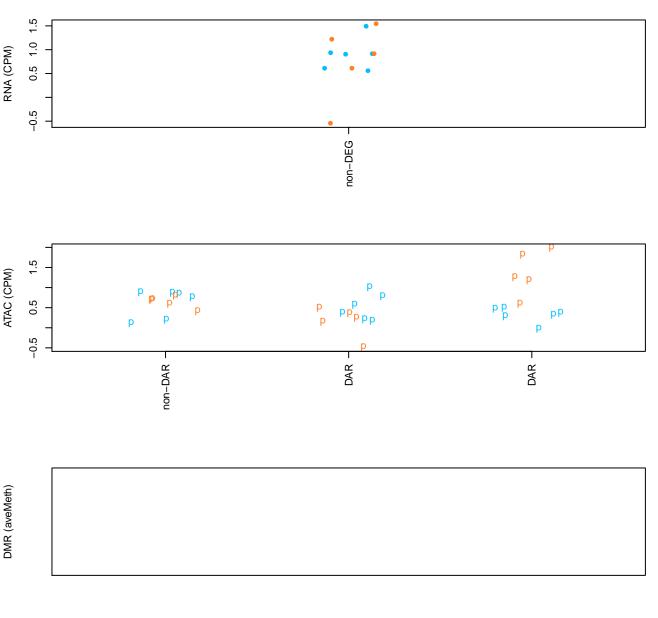


ENSG00000269657.1 6.0 RNA (CPM) 5.0 non-DEG 2.8 3.0 3.2 ATAC (CPM) 5.6 DAR -0.4 0.6 0.8 DMR (aveMeth) p 0.2 DMR

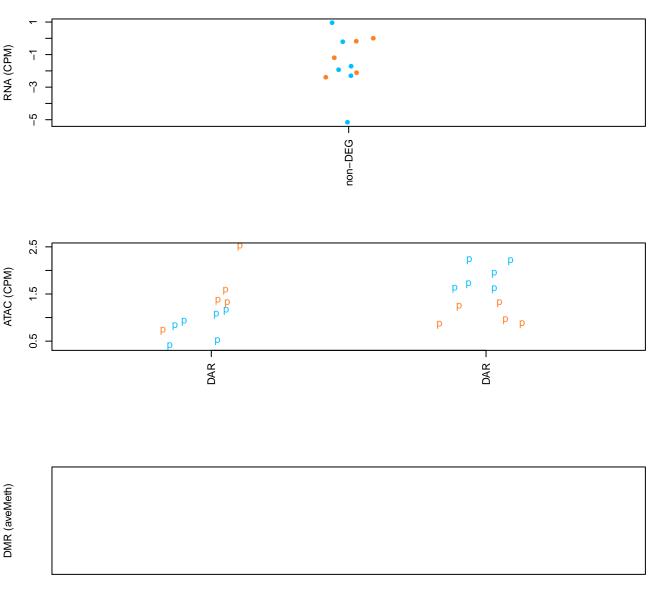
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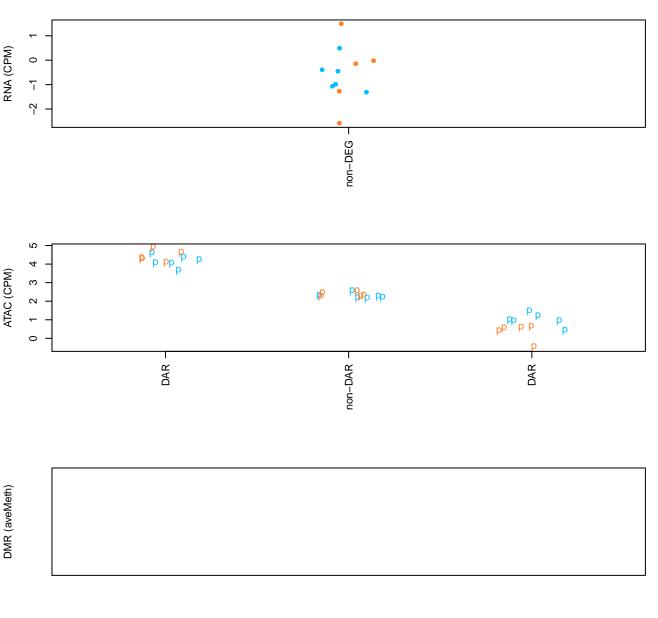
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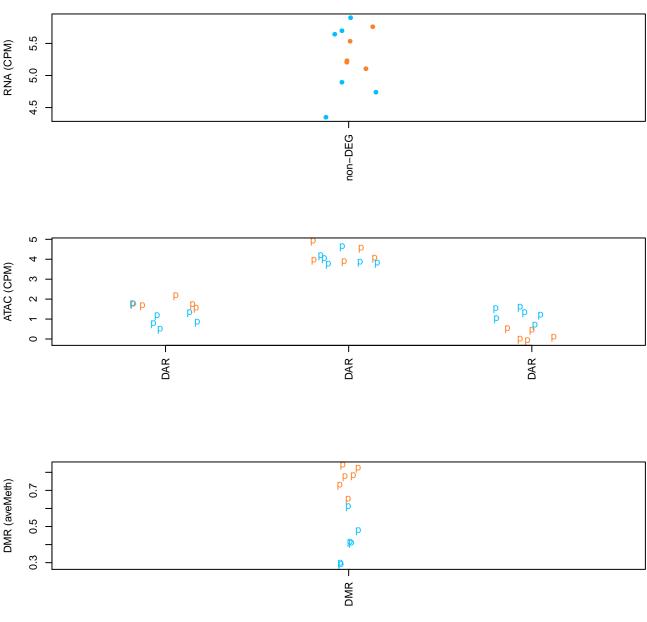
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