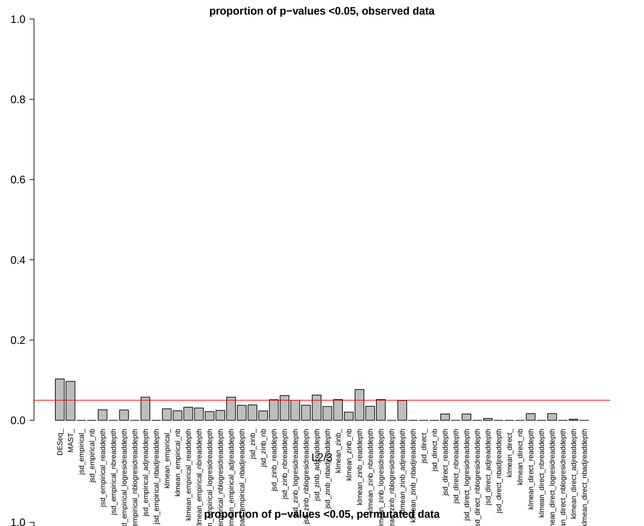
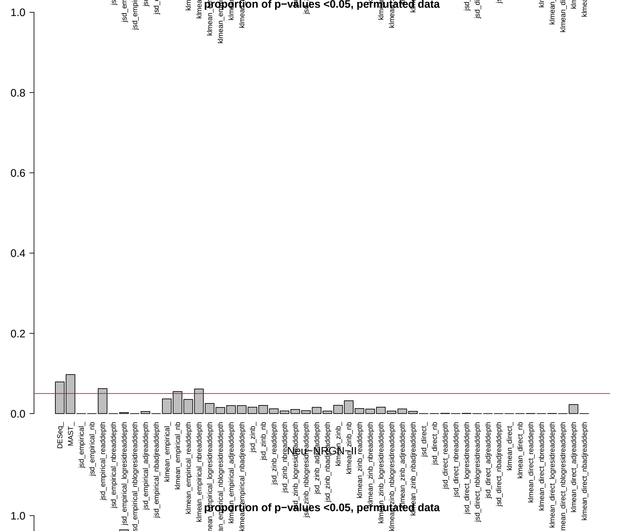
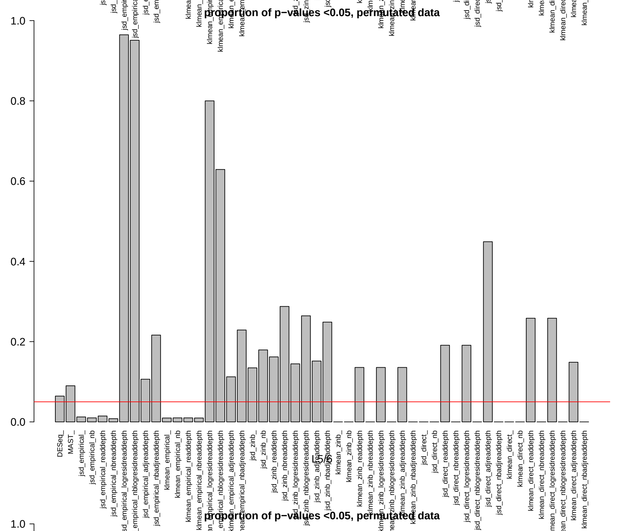


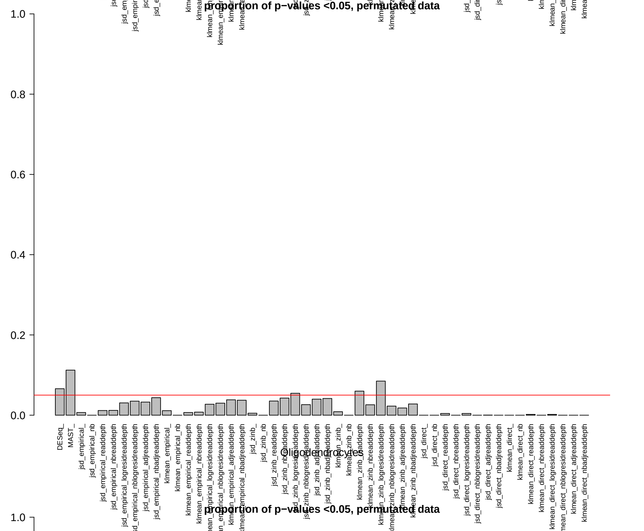
Neur_NRGN_III



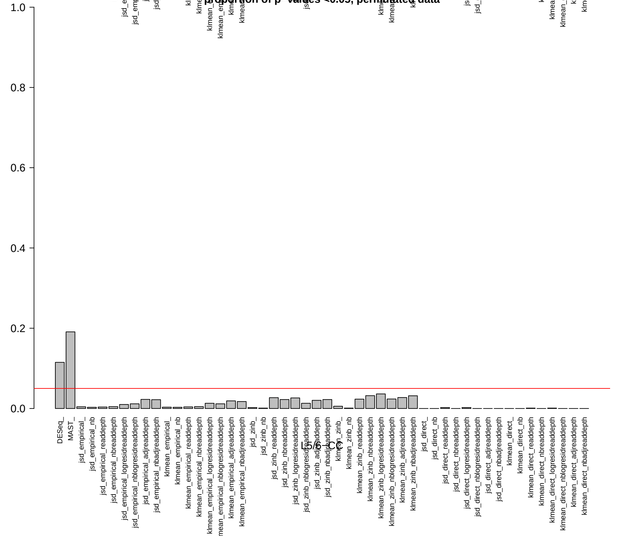
Neur_NRGN_III



Oligodendrocytes

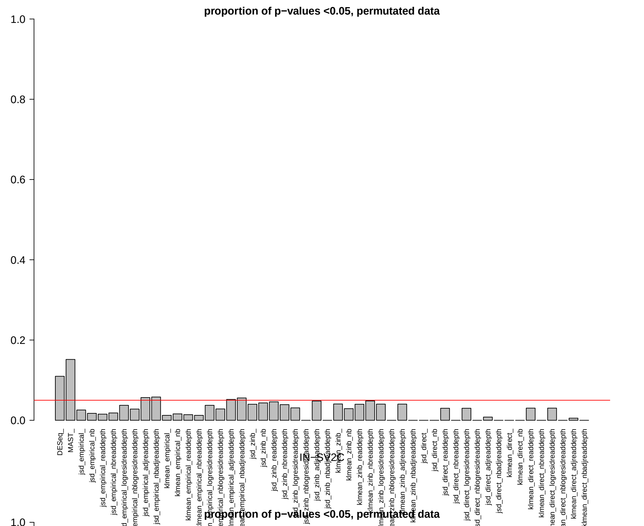


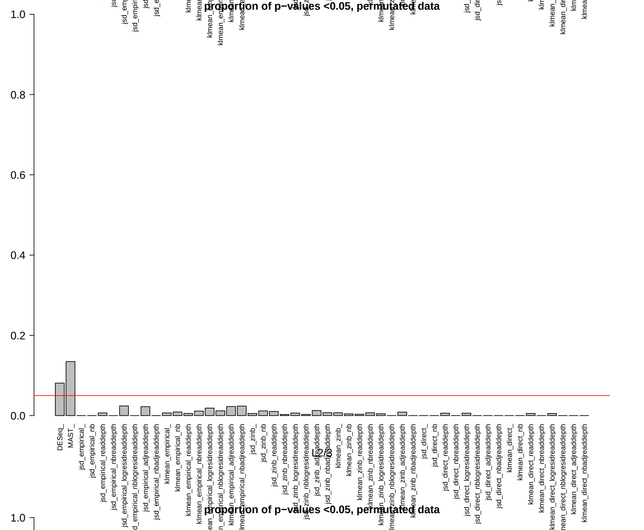
Oligodendrocytes



CC

CC


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
Neu−NRCN−E2C


proportion of p−values <0.05, permutated data
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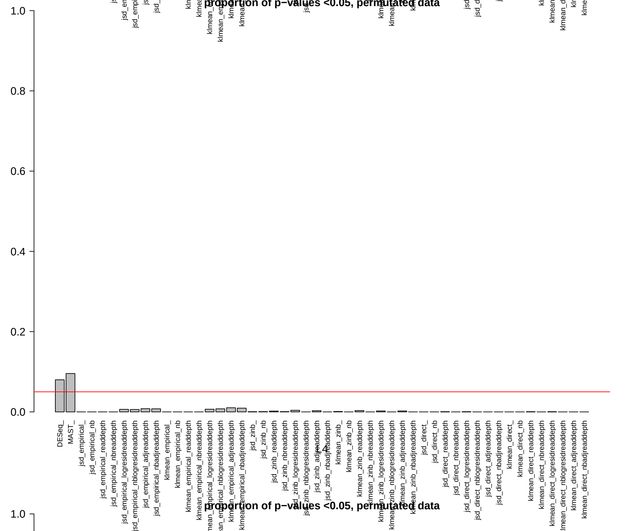
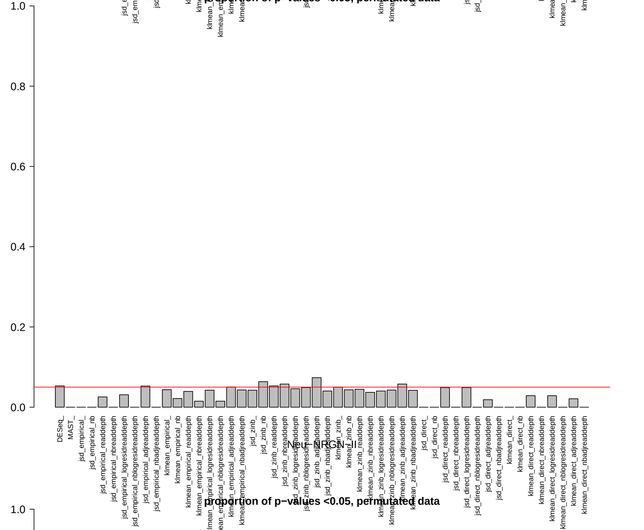
0.6
0.4
0.2
0.0
Neu−NRCN−E2C


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
Neu−NRCN−E2C


proportion of p−values <0.05, permutated data
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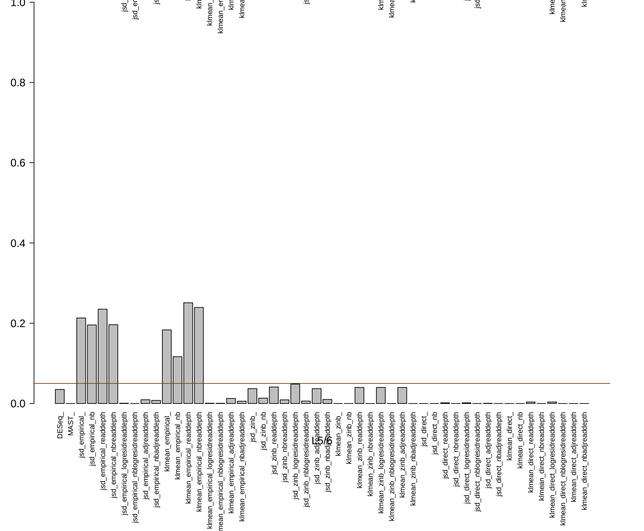
0.8
0.6
0.4
0.2
0.0
Neu−NRCN−E2C


proportion of p−values <0.05, permutated data
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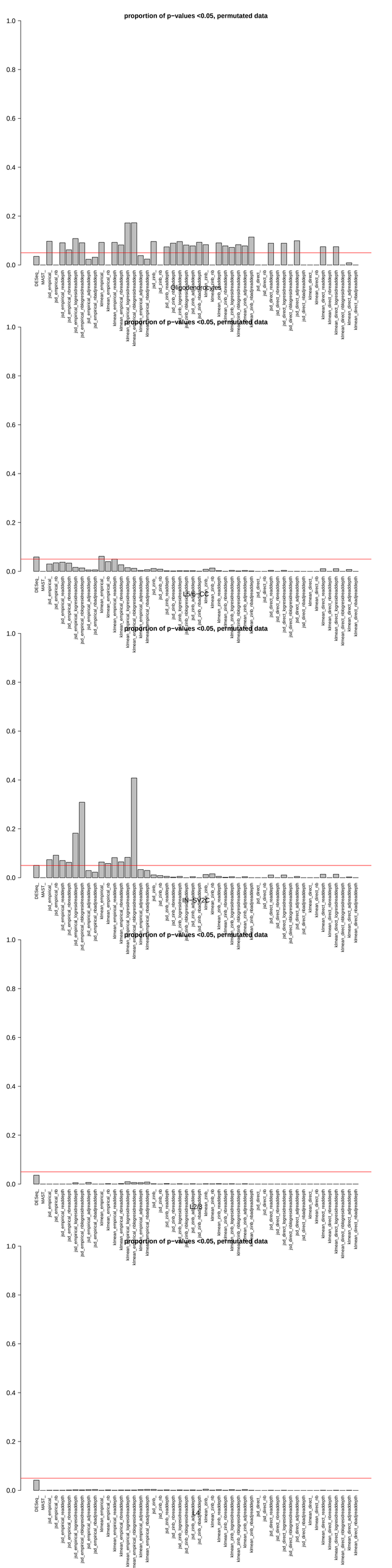
0.8
0.6
0.4
0.2
0.0
Neu−NRCN−E2C


proportion of p−values <0.05, permutated data
Oligodendrocytes
proportion of p−values <0.05, permutated data
L5/6 CC
proportion of p−values <0.05, permutated data
IN SV2C
proportion of p−values <0.05, permutated data
L2/3
proportion of p−values <0.05, permutated data
L4
1.0
0.8
0.6
0.4
0.2
0.0
DESeq_
MAST_
jsd_empirical_
jsd_empirical_nb
jsd_empirical_readdepth
jsd_empirical_rbdepth
jsd_empirical_rbdepthreaddepth
jsd_empirical_rbdepresidreaddepth
jsd_empirical_adjreaddepth
jsd_empirical_rbadjreaddepth
kmean_empirical_
kmean_empirical_nb
kmean_empirical_readdepth
kmean_empirical_rbdepth
kmean_empirical_rbdepthreaddepth
kmean_empirical_rbdepresidreaddepth
kmean_empirical_adjreaddepth
kmean_empirical_rbadjreaddepth
jsd_zinb_
jsd_zinb_nb
jsd_zinb_readdepth
jsd_zinb_rbdepth
jsd_zinb_rbdepthreaddepth
jsd_zinb_bgresidreaddepth
jsd_zinb_rbdepresidreaddepth
jsd_zinb_adjreaddepth
jsd_zinb_rbadjreaddepth
kmeans_zinb_
kmeans_zinb_nb
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kmean_zinb_rbdepth
kmean_zinb_rbdepthreaddepth
kmean_zinb_bgresidreaddepth
kmean_zinb_rbdepresidreaddepth
kmean_zinb_adjreaddepth
kmean_zinb_rbadjreaddepth
jsd_direct_
jsd_direct_nb
jsd_direct_readdepth
jsd_direct_rbdepth
jsd_direct_rbdepthreaddepth
jsd_direct_bgresidreaddepth
jsd_direct_rbdepresidreaddepth
jsd_direct_adjreaddepth
jsd_direct_rbadjreaddepth
kmean_direct_
kmean_direct_nb
kmean_direct_readdepth
kmean_direct_rbdepth
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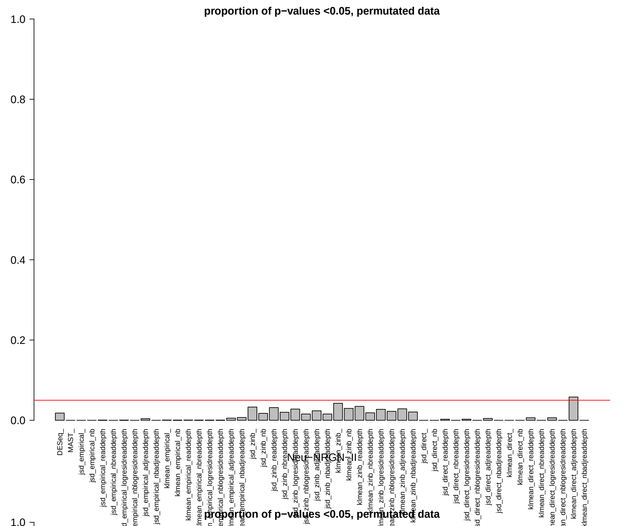
kmean_direct_bgresidreaddepth
kmean_direct_rbdepresidreaddepth
kmean_direct_adjreaddepth
kmean_direct_rbadjreaddepth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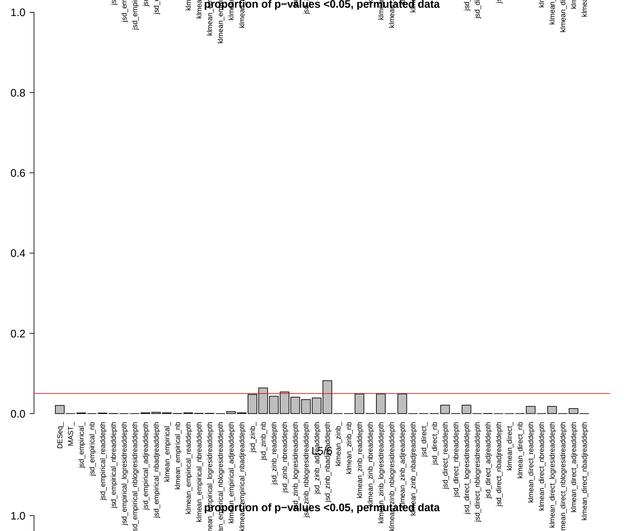
0.8
0.6
0.4
0.2
0.0
Neur_NRGN_


proportion of p−values <0.05, permutated data
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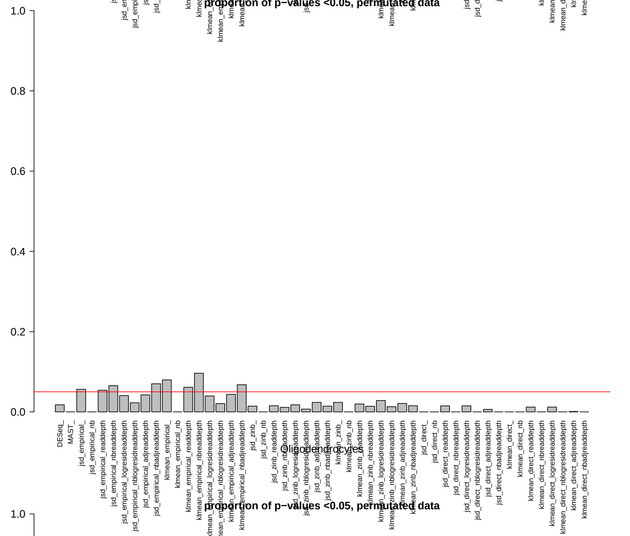
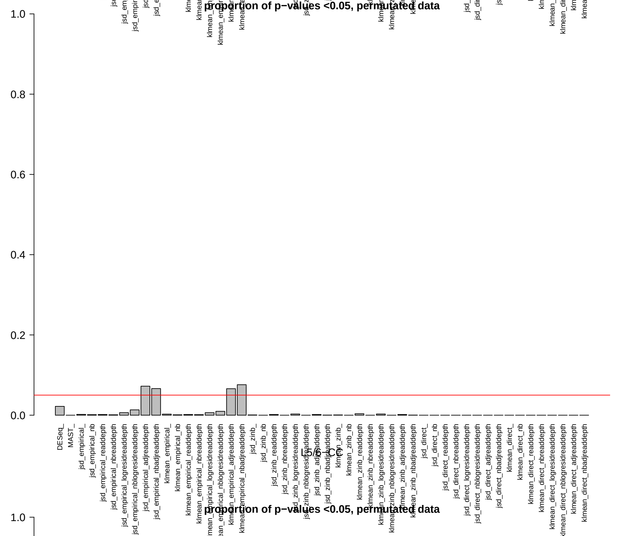
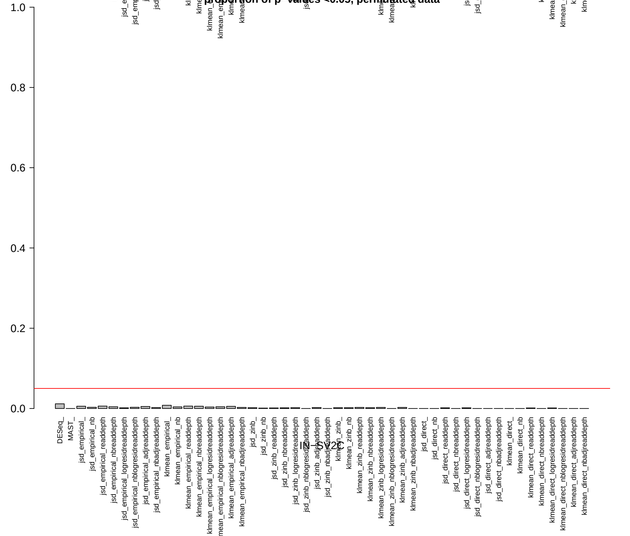
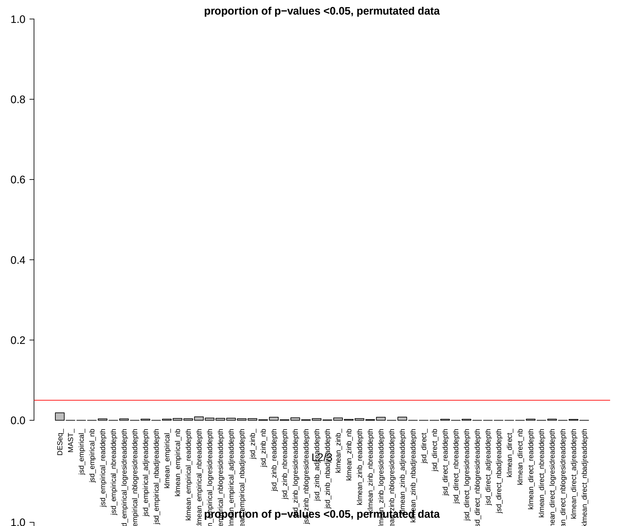
0.8
0.6
0.4
0.2
0.0
L5/6


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
Oligodendrocytes


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
L5/6 CC


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
IN SV2C


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
DESeq_
MAST_
psd_empirical_
psd_empirical_no
psd_empirical_readdepth
psd_empirical_rbdepth
psd_empirical_rbdepthreaddepth
psd_empirical_rbdepresireaddepth
psd_empirical_adjreaddepth
psd_empirical_rbadjreaddepth
kmean_empirical_no
kmean_empirical_readdepth
kmean_empirical_rbdepth
kmean_empirical_rbdepthreaddepth
kmean_empirical_rbdepresireaddepth
kmean_empirical_adjreaddepth
kmean_empirical_rbadjreaddepth
psd_zinb_no
psd_zinb_readdepth
psd_zinb_rbdepth
psd_zinb_rbdepthreaddepth
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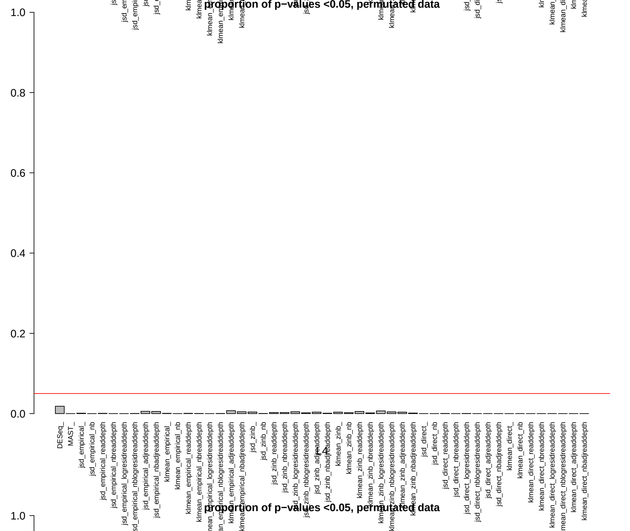
psd_zinb_rbadjreaddepth
kmean_zinb_no
kmean_zinb_readdepth
kmean_zinb_rbdepth
kmean_zinb_rbdepthreaddepth
kmean_zinb_rbdepresireaddepth
kmean_zinb_adjreaddepth
kmean_zinb_rbadjreaddepth
psd_direct_no
psd_direct_readdepth
psd_direct_rbdepth
psd_direct_rbdepthreaddepth
psd_direct_rbdepresireaddepth
psd_direct_adjreaddepth
psd_direct_rbadjreaddepth
kmean_direct_no
kmean_direct_readdepth
kmean_direct_rbdepth
kmean_direct_rbdepthreaddepth
kmean_direct_rbdepresireaddepth
kmean_direct_adjreaddepth
kmean_direct_rbadjreaddepth
Astrocytes


proportion of p−values <0.05, permutated data
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0.8
0.6
0.4
0.2
0.0
DESeq_
MAST_
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psd_empirical_no
psd_empirical_readdepth
psd_empirical_rbdepth
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psd_empirical_adjreaddepth
psd_empirical_rbadjreaddepth
kmean_empirical_no
kmean_empirical_readdepth
kmean_empirical_rbdepth
kmean_empirical_rbdepthreaddepth
kmean_empirical_rbdepresireaddepth
kmean_empirical_adjreaddepth
kmean_empirical_rbadjreaddepth
psd_zinb_no
psd_zinb_readdepth
psd_zinb_rbdepth
psd_zinb_rbdepthreaddepth
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psd_zinb_rbadjreaddepth
kmean_zinb_no
kmean_zinb_readdepth
kmean_zinb_rbdepth
kmean_zinb_rbdepthreaddepth
kmean_zinb_rbdepresireaddepth
kmean_zinb_adjreaddepth
kmean_zinb_rbadjreaddepth
psd_direct_no
psd_direct_readdepth
psd_direct_rbdepth
psd_direct_rbdepthreaddepth
psd_direct_rbdepresireaddepth
psd_direct_adjreaddepth
psd_direct_rbadjreaddepth
kmean_direct_no
kmean_direct_readdepth
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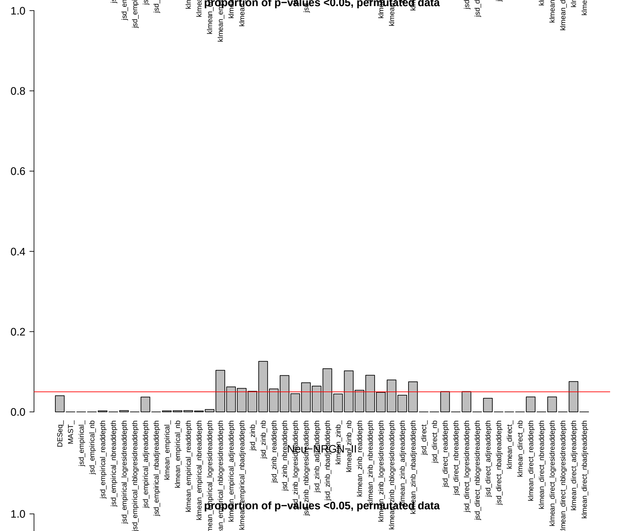
kmean_direct_rbdepthreaddepth
kmean_direct_rbdepresireaddepth
kmean_direct_adjreaddepth
kmean_direct_rbadjreaddepth
Endothelial


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
DESeq_
MAST_
psd_empirical_
psd_empirical_no
psd_empirical_readdepth
psd_empirical_rbdepth
psd_empirical_rbdepthreaddepth
psd_empirical_rbdepresireaddepth
psd_empirical_adjreaddepth
psd_empirical_rbadjreaddepth
kmean_empirical_no
kmean_empirical_readdepth
kmean_empirical_rbdepth
kmean_empirical_rbdepthreaddepth
kmean_empirical_rbdepresireaddepth
kmean_empirical_adjreaddepth
kmean_empirical_rbadjreaddepth
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psd_zinb_readdepth
psd_zinb_rbdepth
psd_zinb_rbdepthreaddepth
psd_zinb_rbdepresireaddepth
psd_zinb_adjreaddepth
psd_zinb_rbadjreaddepth
kmean_zinb_no
kmean_zinb_readdepth
kmean_zinb_rbdepth
kmean_zinb_rbdepthreaddepth
kmean_zinb_rbdepresireaddepth
kmean_zinb_adjreaddepth
kmean_zinb_rbadjreaddepth
psd_direct_no
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kmean_direct_no
kmean_direct_readdepth
kmean_direct_rbdepth
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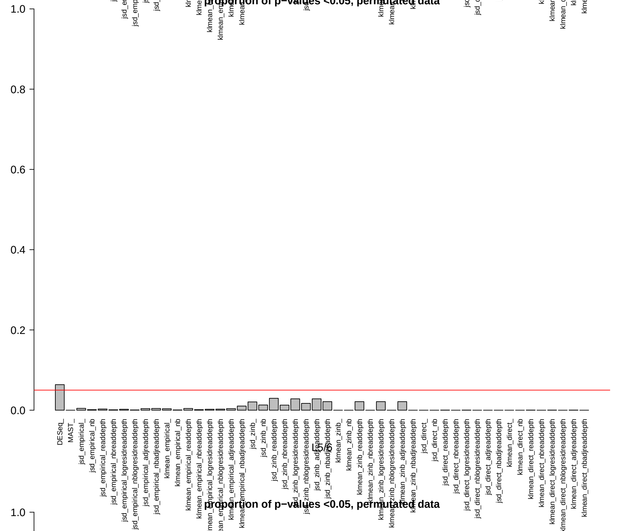
kmean_direct_rbadjreaddepth
Neur_NRGN_II


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
DESeq_
MAST_
psd_empirical_
psd_empirical_no
psd_empirical_readdepth
psd_empirical_rbdepth
psd_empirical_rbdepthreaddepth
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psd_empirical_adjreaddepth
psd_empirical_rbadjreaddepth
kmean_empirical_no
kmean_empirical_readdepth
kmean_empirical_rbdepth
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kmean_empirical_rbadjreaddepth
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psd_zinb_rbdepth
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kmean_zinb_readdepth
kmean_zinb_rbdepth
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kmean_zinb_adjreaddepth
kmean_zinb_rbadjreaddepth
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psd_direct_adjreaddepth
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kmean_direct_readdepth
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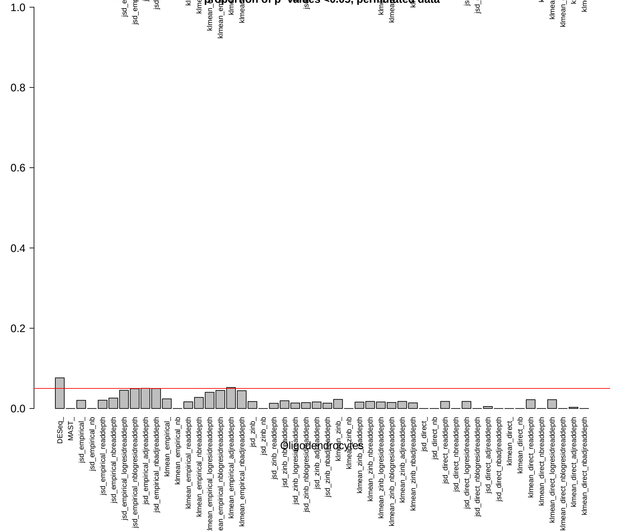
kmean_direct_rbadjreaddepth
Neur_SLC6


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
DESeq_
MAST_
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psd_empirical_no
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psd_empirical_rbadjreaddepth
kmean_empirical_no
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kmean_empirical_rbadjreaddepth
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psd_zinb_rbadjreaddepth
kmean_zinb_no
kmean_zinb_readdepth
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kmean_zinb_rbadjreaddepth
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psd_direct_readdepth
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kmean_direct_rbdepresireaddepth
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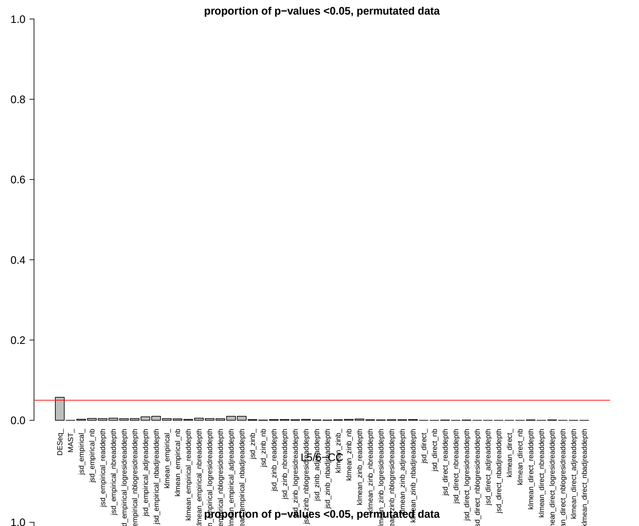
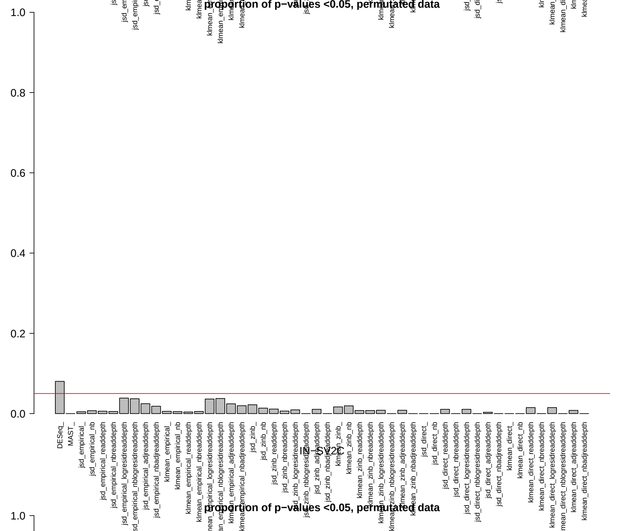
kmean_direct_rbadjreaddepth
Oligodendrocytes


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
5/6 CC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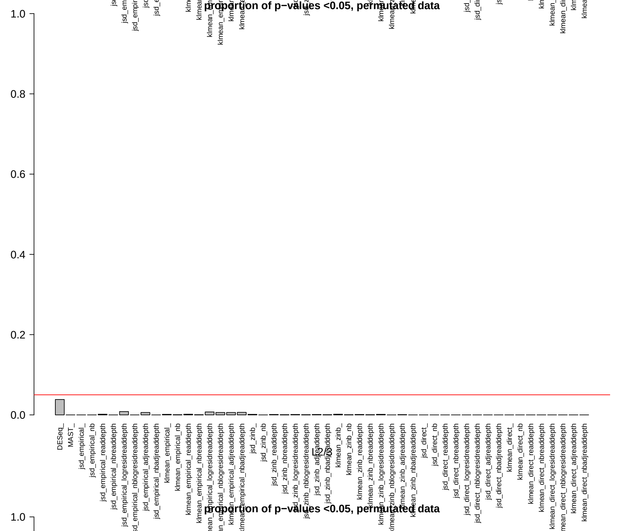
0.6
0.4
0.2
0.0
N-SV2C


proportion of p−values <0.05, permutated data
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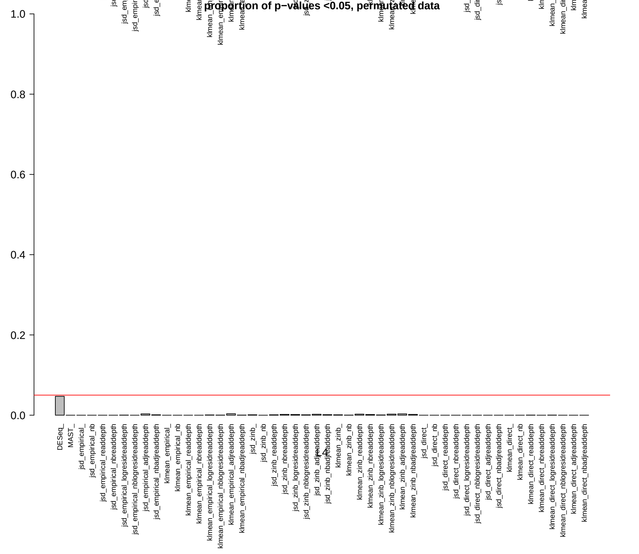
0.6
0.4
0.2
0.0
L2/3


proportion of p−values <0.05, permutated data
1.0
0.8
0.6
0.4
0.2
0.0
L5/6