Feature Weights

Metagenomic Features
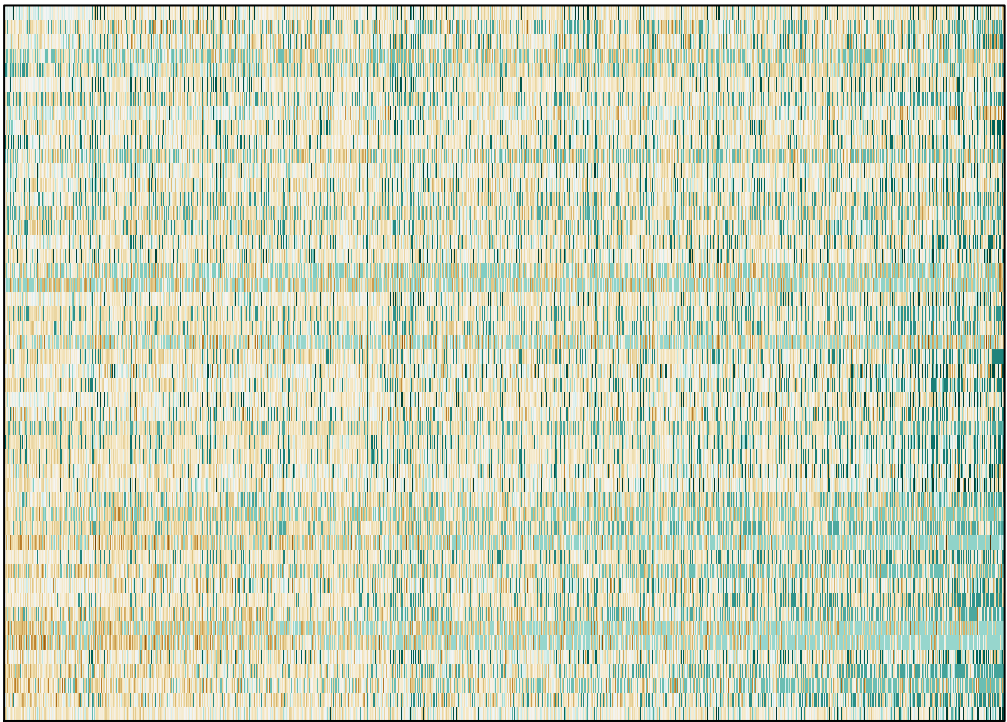
Feature z-score
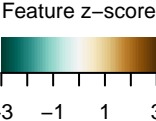
lasso model (|W| = 50)

LOW (n=165)   Case (n=1639)

effect size   robustness

-3 -1 1 3

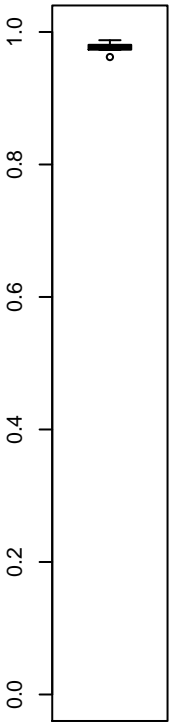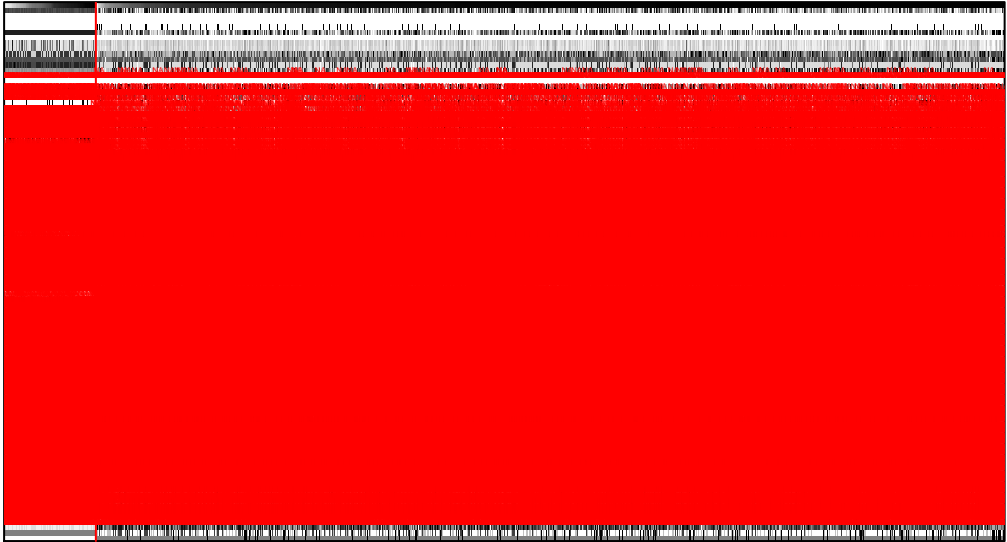|	
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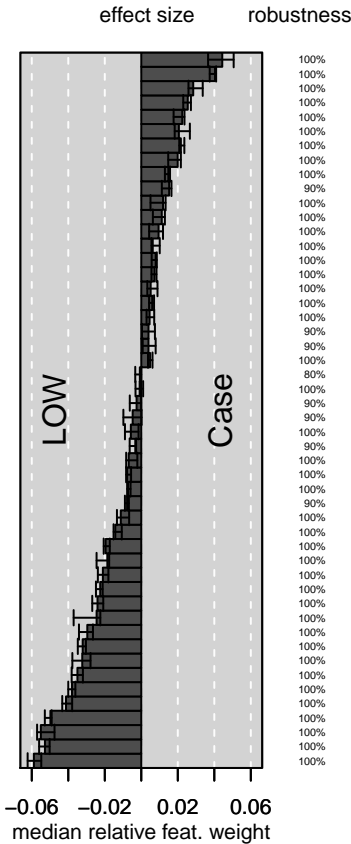
s__Dorea_formicigenerans
s__Streptococcus_parasanguinis
s__Anaerostipes_hadrus
s__Akkermansia_muciniphila
s__Ruminococcus_bromii
s__Coprococcus_comes
s__Bacteroidales_bacterium_ph8
s__Ruminococcus_torques
s__Roseburia_inulinivorans
s__Collinsella_aerofaciens
s__Eubacterium_siraeum
s__Eubacterium_rectale
s__Roseburia_hominis
s__Eubacterium_ramulus
s__Roseburia_intestinalis
s__Bacteroides_dorei
s__Bifidobacterium_longum
s__Bacteroides_vulgatus
s__Flavonifractor_plautii
s__Bacteroides_stercoris
s__Eubacterium_hallii
s__Barnesiella_intestinihominis
s__Bacteroides_thetaiotaomicron
s__Ruminococcus_gnavus
s__Eubacterium_eligens
s__Lachnospiraceae_bacterium_7_1_58FAA
s__Alistipes_onderdonkii
s__Dorea_longicatena
s__Clostridium_leptum
s__Parabacteroides_merdae
s__Alistipes_putredinis
s__Alistipes_shahii
s__Bacteroides_ovatus
s__Bacteroides_uniformis
s__Bifidobacterium_adolescentis
s__Clostridium_bartlettii
s__Bacteroides_caccae
s__Veillonella_parvula
s__Coprococcus_catus
s__Bilophila_wadsworthia
s__Streptococcus_salivarius
s__Ruminococcus_sp_5_1_39BFAA
s__Bacteroides_xylanisolvens
s__Bacteroides_fragilis
s__Haemophilus_parainfluenzae
s__Lachnospiraceae_bacterium_5_1_63FAA
s__Alistipes_finegoldii
s__Escherichia_coli
s__Lachnospiraceae_bacterium_3_1_46FAA
s__Faecalibacterium_prausnitzii

LOW   Case

-0.06 -0.02 0.02 0.06
median relative feat. weight

proportion of
weight shown