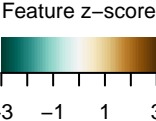
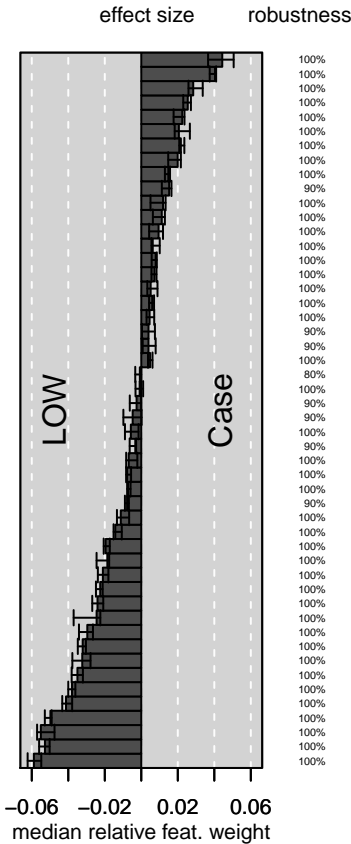


Feature Weights

Metagenomic Features

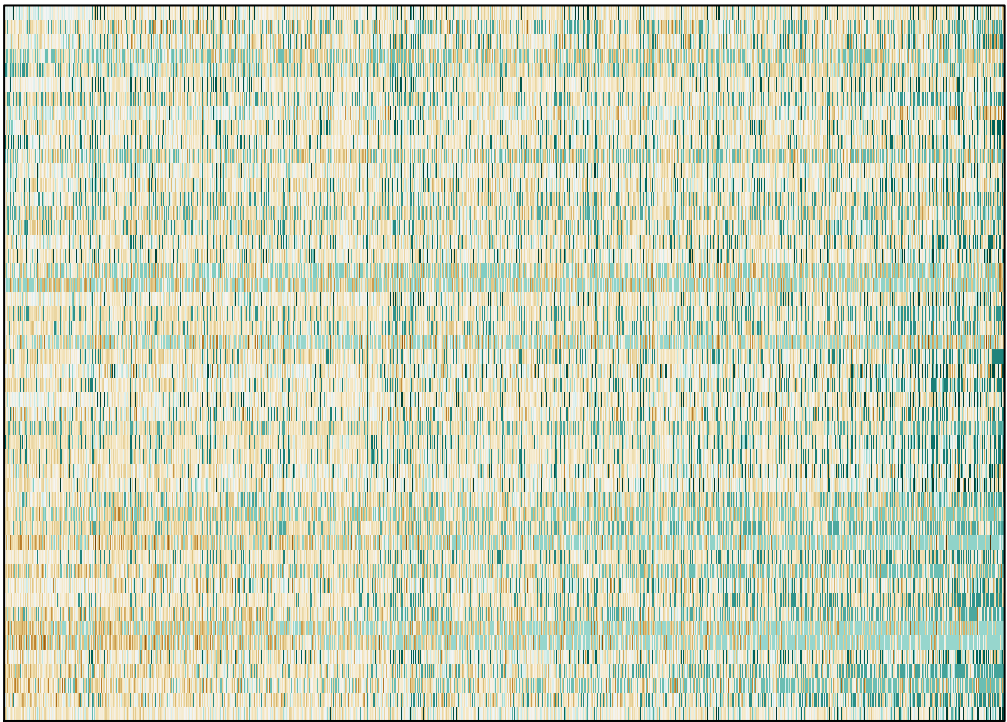


lasso model
(|W| = 50)

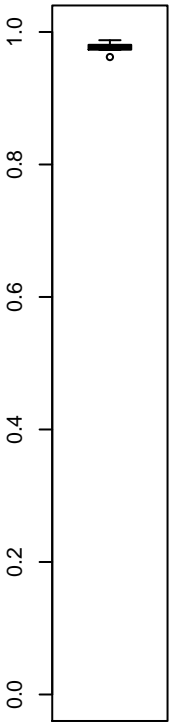


LOW (n=165)

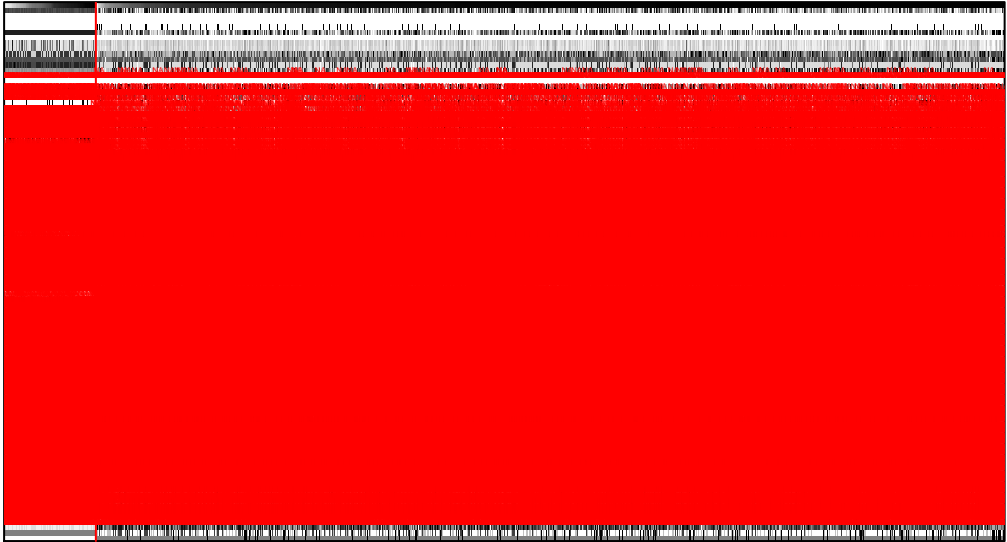
Case (n=1639)



- s__Dorea_formicigenerans
- s__Streptococcus_parasanguinis
- s__Anaerostipes_jadrius
- s__Akermansia_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_halli
- s__Barnesiella_intestinihominis
- s__Bacteroides_thetaiotomicron
- s__Ruminococcus_gnavus
- s__Eubacterium_elgens
- s__Lachnospiraceae_bacterium_7_1_58FAA
- s__Alistipes_nderdonkii
- 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



proportion of
weight shown



- Classification result
- gender
 - age
 - smoker
 - length
 - weight
 - height
 - body mass index
 - diabetes
 - hypertension
 - cholesterol
 - triglycerides
 - LDL cholesterol
 - HDL cholesterol
 - fasting glucose
 - fasting insulin
 - fasting C-peptide
 - fasting proinsulin
 - fasting proglucagon
 - fasting proghrelin
 - fasting proamylin
 - fasting proPYY
 - fasting proNPY
 - fasting proMCH
 - fasting proGHRH
 - fasting proGHRH-R
 - fasting proGHRH-1
 - fasting proGHRH-2
 - fasting proGHRH-3
 - fasting proGHRH-4
 - fasting proGHRH-5
 - fasting proGHRH-6
 - fasting proGHRH-7
 - fasting proGHRH-8
 - fasting proGHRH-9
 - fasting proGHRH-10
 - fasting proGHRH-11
 - fasting proGHRH-12
 - fasting proGHRH-13
 - fasting proGHRH-14
 - fasting proGHRH-15
 - fasting proGHRH-16
 - fasting proGHRH-17
 - fasting proGHRH-18
 - fasting proGHRH-19
 - fasting proGHRH-20
 - fasting proGHRH-21
 - fasting proGHRH-22
 - fasting proGHRH-23
 - fasting proGHRH-24
 - fasting proGHRH-25
 - fasting proGHRH-26
 - fasting proGHRH-27
 - fasting proGHRH-28
 - fasting proGHRH-29
 - fasting proGHRH-30
 - fasting proGHRH-31
 - fasting proGHRH-32
 - fasting proGHRH-33
 - fasting proGHRH-34
 - fasting proGHRH-35
 - fasting proGHRH-36
 - fasting proGHRH-37
 - fasting proGHRH-38
 - fasting proGHRH-39
 - fasting proGHRH-40
 - fasting proGHRH-41
 - fasting proGHRH-42
 - fasting proGHRH-43
 - fasting proGHRH-44
 - fasting proGHRH-45
 - fasting proGHRH-46
 - fasting proGHRH-47
 - fasting proGHRH-48
 - fasting proGHRH-49
 - fasting proGHRH-50