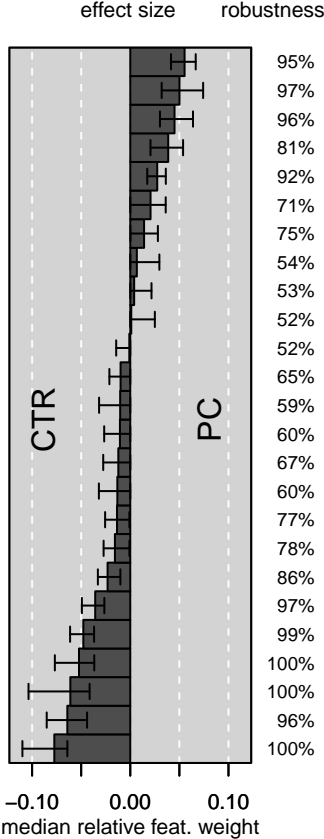
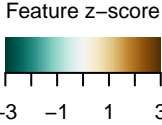
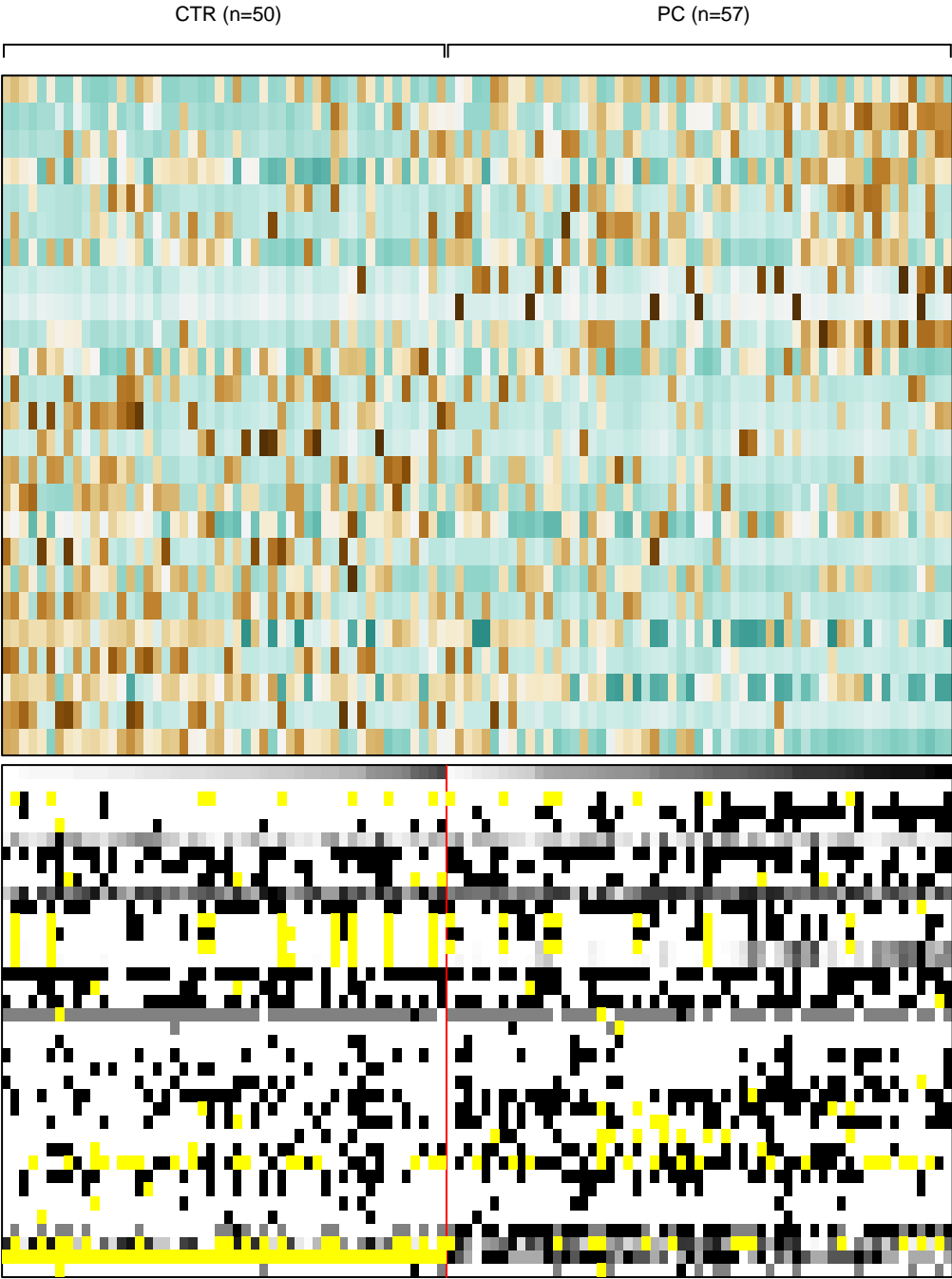


Feature Weights



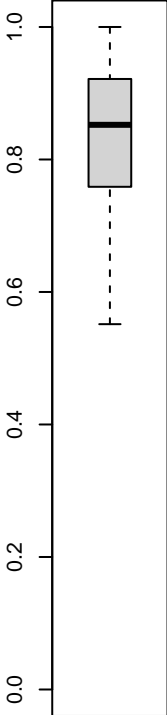
Metagenomic Features



- Methanobrevibacter smithii [r\_03695]
- Veillonella atypica [r\_01941]
- Firmicutes sp. [r\_03641]
- Clostridium sp. [r\_03622]
- Bacteroides finegoldii [r\_03474]
- Firmicutes sp. [r\_03629]
- bacterium LF-3 [r\_03628]
- Alloscardovia omnicolens [r\_02114]
- Prevotella species [m\_12780]
- Veillonella species [m\_13135]
- [Ruminococcus] gnavus [r\_01594]
- Holdemanella bififormis [m\_12329]
- Bifidobacterium ruminantium [r\_02702]
- Dorea sp. CAG:317 [r\_07668]
- Bacteroides sp. CAG:144 [m\_12596]
- Faecalibacterium species [m\_12403]
- Bacteroides caecimuris [r\_03476]
- Rikenellaceae sp. [r\_03593]
- Paraprevotella clara [r\_03698]
- Clostridium sp. CAG:217 [m\_12270]
- [Eubacterium] rectale [r\_03657]
- Bacteroides coprocola [r\_11279]
- Faecalibacterium prausnitzii [r\_06110]
- Bifidobacterium bifidum [r\_03116]
- Romboutsia timonensis [r\_09389]

- Classification result
- environment material
- jaundice
- jaundice imp
- diabetes
- library size
- center
- gender
- periodontitis
- age
- smoking
- bilirubin direct
- bilirubin total
- directB comp
- totalB comp
- alcohol status
- obesity
- antibiotic
- metformin med
- pancnype
- asthma
- acid
- rheumatoid arthritis
- alilburn
- heartburn
- cholesterol
- receding gums
- family history
- acid med
- cholesterol med
- aspirin med
- salicylic med
- corticosteroids med
- probiotic
- coded ca19
- CA19
- stage
- metformin

lasso\_II model  
(|W| = 25)



proportion of  
weight shown