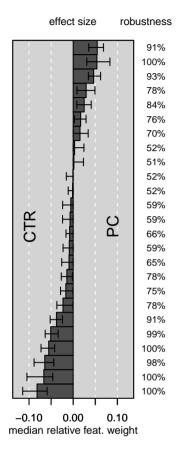
PC (n=57)

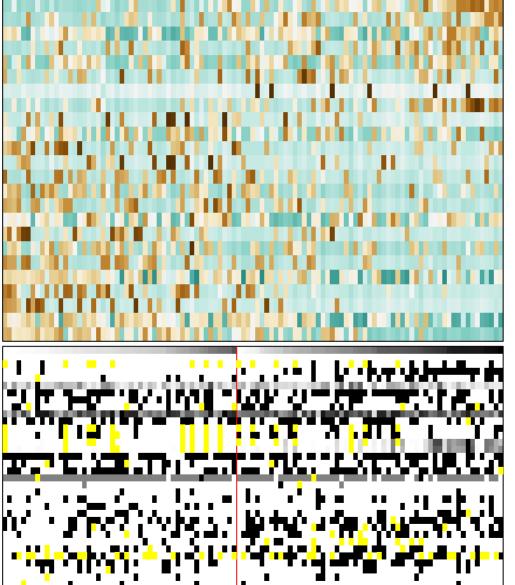
CTR (n=50)





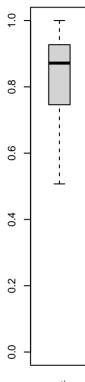
lasso\_ll model (|W| = 25)





Methanobrevibacter smithii [r\_03695] Veillonella atypica [r\_01941] Firmicutes sp. [r\_03641] Clostridium sp. [r\_03622] Bacteroides finegoldii [r\_03474] bacterium LF-3 [r\_03628] Firmicutes sp. [r\_03629] Prevotella species [m 12780] Veillonella species [m\_13135] Clostridiales species [m\_13012] [Ruminococcus] gnavus [r\_01594] Bifidobacterium ruminantium [r\_02702] Dorea sp. CAG:317 [r\_07668] Holdemanella biformis [m\_12329] Faecalibacterium species [m\_12403] Bacteroides sp. CAG:144 [m\_12596] 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] Bifidobacterium bifidum [r\_03116] Faecalibacterium prausnitzii [r\_06110] Romboutsia timonensis [r\_09389]





proportion of weight shown