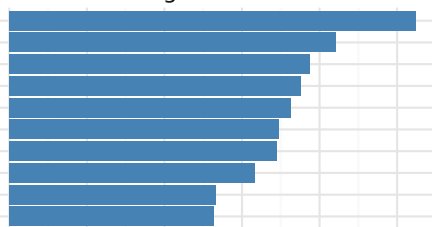


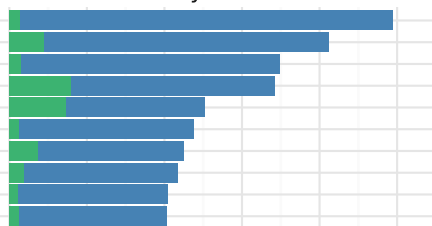
genetics

ethylmalonate
N-acetylcitrulline
X - 19141
5-hydroxylysine
glycochenodeoxycholate glucuronide (1)
N-acetylarginine
N-acetylglutamine
N-acetyl-1-methylhistidine*
3-aminoisobutyrate
5-acetylamino-6-formylamino-3-methyluracil



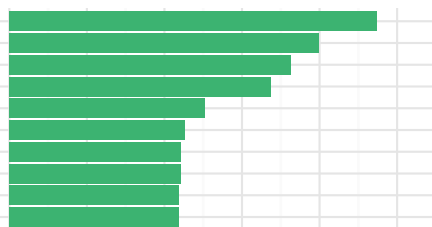
hybrid

butyrylcarnitine (C4)
deoxycholic acid glucuronide
decadienedioic acid (C10:2-DC)**
N-delta-acetylornithine
1-stearoyl-2-arachidonoyl-GPC (18:0/20:4)
metabolonic lactone sulfate
1-margaroyl-2-arachidonoyl-GPC (17:0/20:4)*
epiandrosterone sulfate
N-acetylleucine
4-guanidinobutanoate



microbiome

cinnamoylglycine
3-phenylpropionate (hydrocinnamate)
isoursodeoxycholate
X - 11850
hippurate
5alpha-androstan-3beta,17alpha-diol disulfate
X - 12216
X - 23997
indolepropionate
p-cresol sulfate



0% 10% 20% 30% 40% 50%
explained metabolite variance