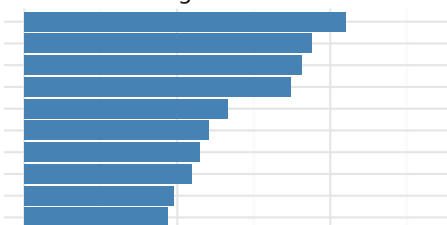


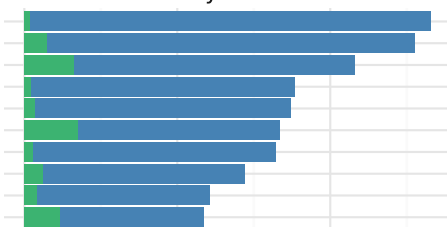
genetics

N-acetylcitrulline
5-hydroxylysine
glycochenodeoxycholate glucuronide (1)
N-acetylarginine
3-aminoisobutyrate
androsterone sulfate
2'-O-methyluridine
N-acetyltyrosine
N-acetylphenylalanine
cis-4-decenoate (10:1n6)*



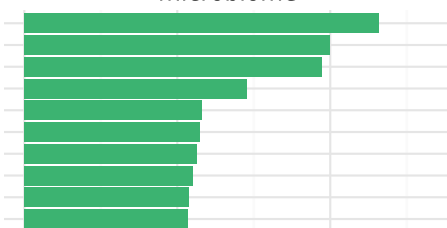
hybrid

ethylmalonate
butyrylcarnitine (C4)
deoxycholic acid glucuronide
N-acetylglutamine
decadienedioic acid (C10:2-DC)**
N-delta-acetylornithine
N-acetyl-1-methylhistidine*
5-acetylamino-6-formylamino-3-methyluracil
metabolonic lactone sulfate
1-margaroyl-2-arachidonoyl-GPC (17:0/20:4)*



microbiome

cinnamoylglycine
3-phenylpropionate (hydrocinnamate)
isoursodeoxycholate
hippurate
5alpha-androstan-3beta,17alpha-diol disulfate
ursodeoxycholate
indolepropionate
phenylacetylglutamine
imidazole propionate
2-piperidinone



0% 20% 40%
explained metabolite variance