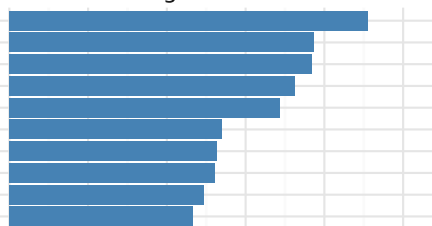


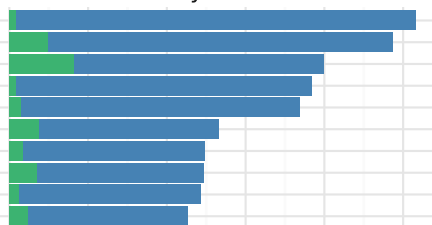
genetics

N-acetylcitrulline
5-hydroxylysine
N-acetylglutamine
decadienedioic acid (C10:2-DC)**
glycochenodeoxycholate glucuronide (1)
N-acetyltyrosine
N-acetylphenylalanine
androsterone sulfate
2'-O-methyluridine
3-aminoisobutyrate



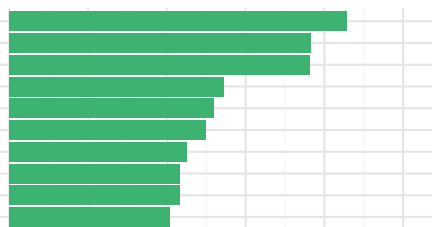
hybrid

butyrylcarnitine (C4)
deoxycholic acid glucuronide
N-delta-acetylornithine
N-acetylarginine
N-acetyl-1-methylhistidine*
metabolonic lactone sulfate
orotidine
glycochenolate sulfate*
5-acetyl-amino-6-formylamino-3-methyluracil
epiandrosterone sulfate



microbiome

cinnamoylglycine
isoursodeoxycholate
3-phenylpropionate (hydrocinnamate)
hippurate
5alpha-androstan-3beta,17alpha-diol disulfate
indolepropionate
p-cresol sulfate
ursodeoxycholate
phenylacetylglutamine
p-cresol glucuronide*



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