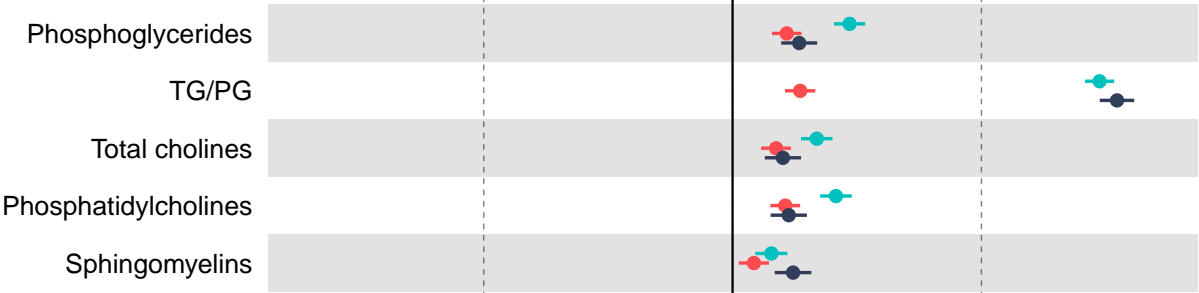
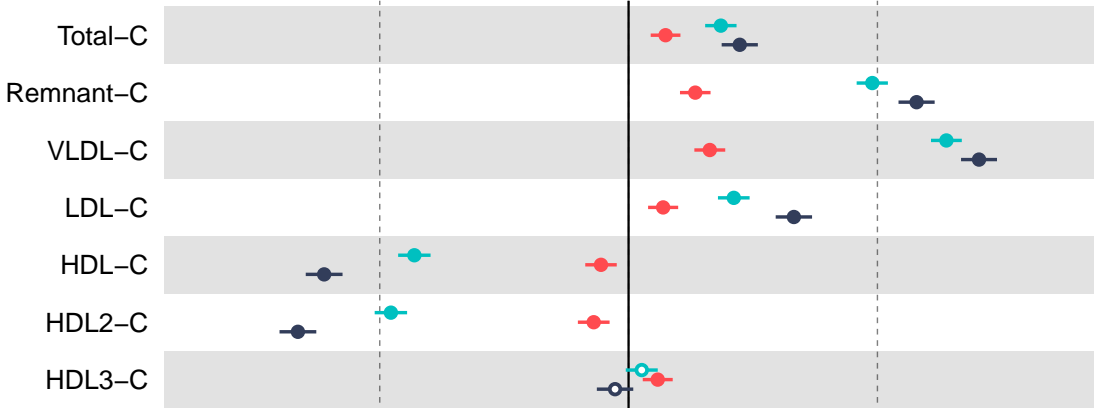


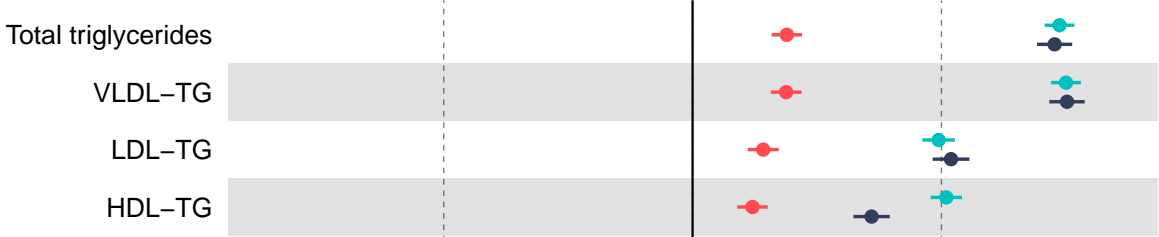
Other lipids



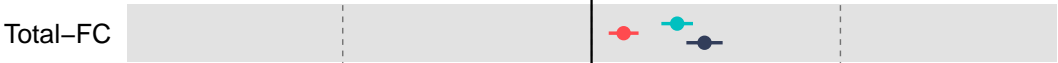
Cholesterol



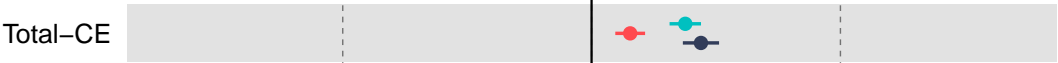
Triglycerides



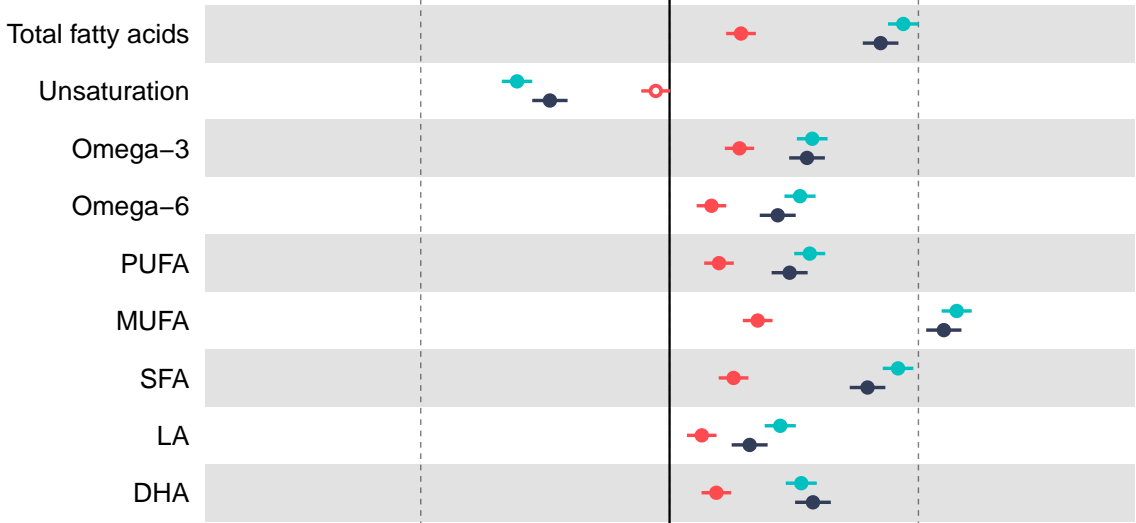
Free cholesterol



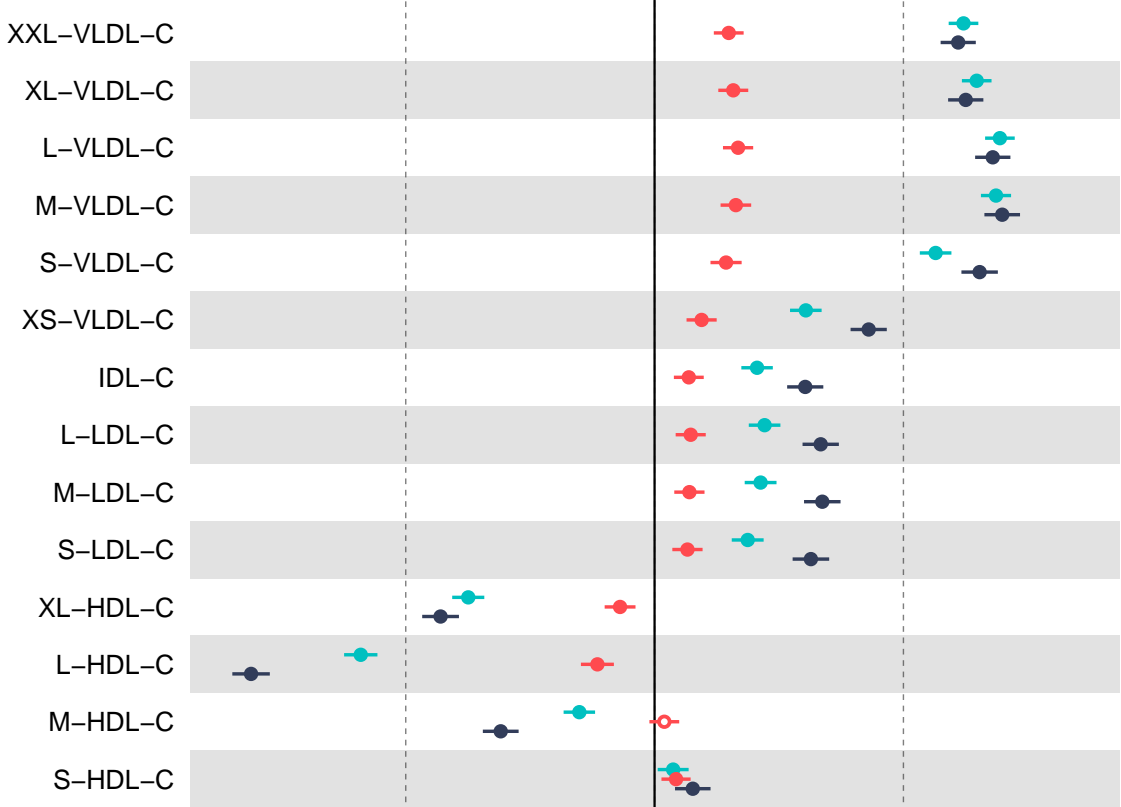
Cholesteryl esters



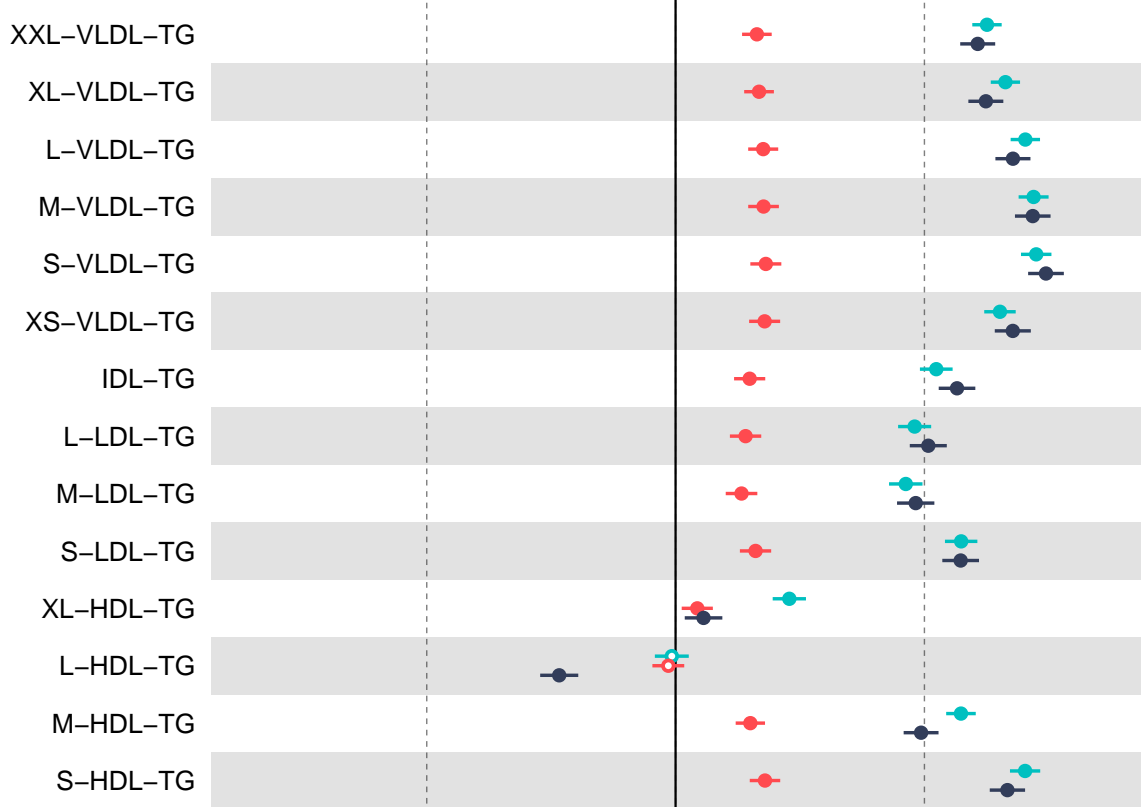
Fatty acids



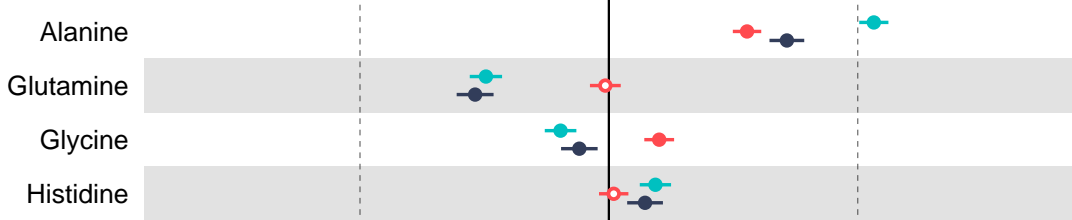
Cholesterol in lipoproteins



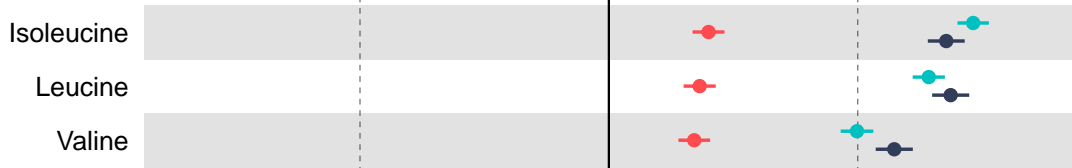
Triglycerides in lipoproteins



Amino acids



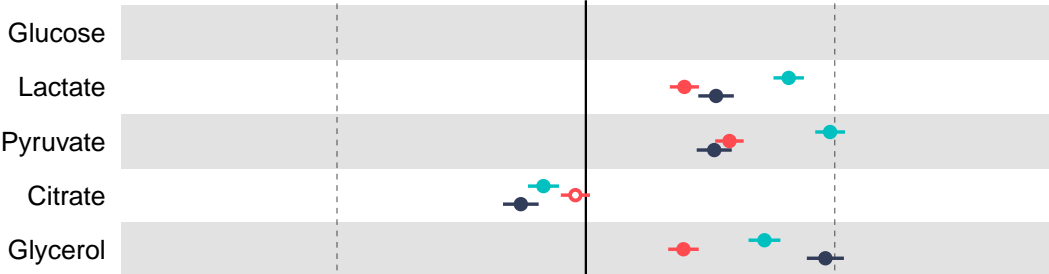
Branched-chain amino acids



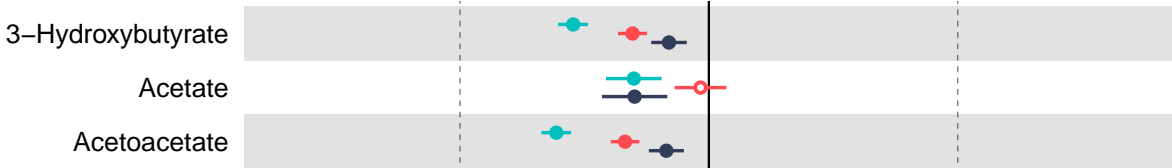
Aromatic amino acids



Glycolysis related metabolites



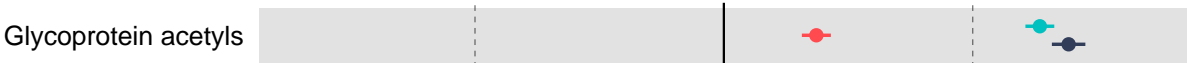
Ketone bodies



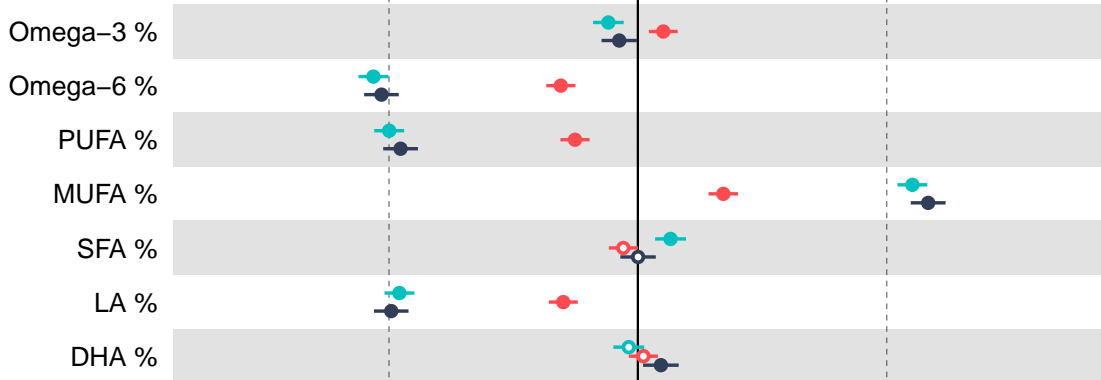
Fluid balance



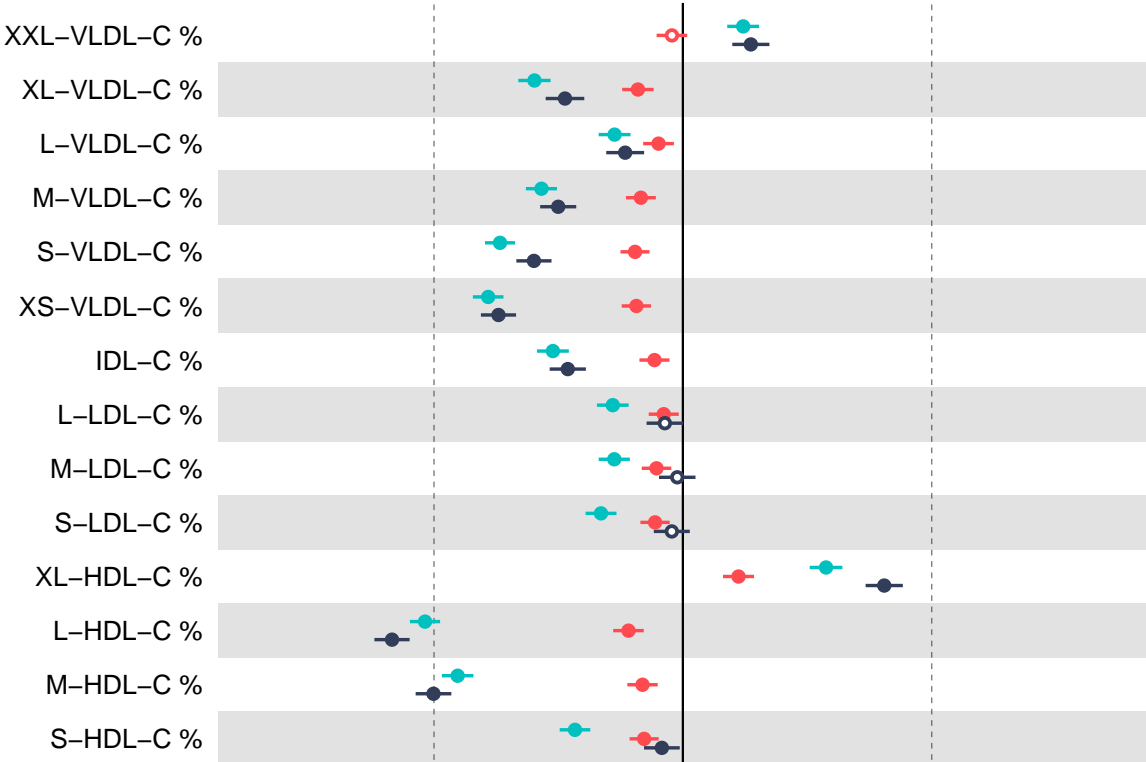
Inflammation



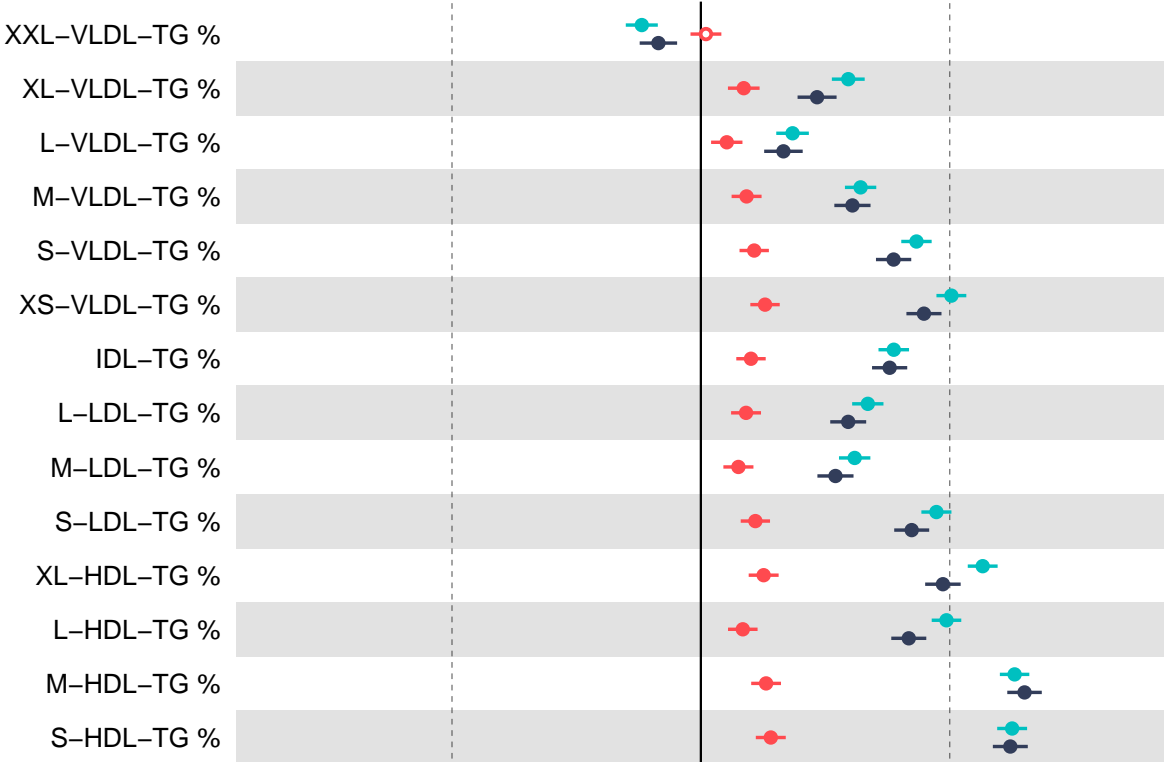
Fatty acid ratios



Cholesterol in lipoproteins (%)



Triglycerides in lipoproteins (%)

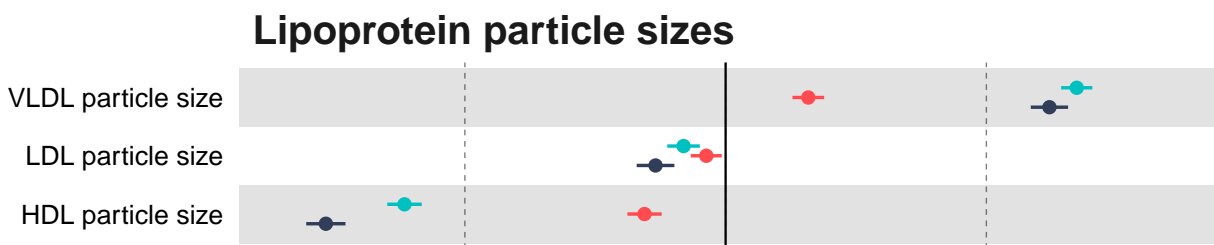
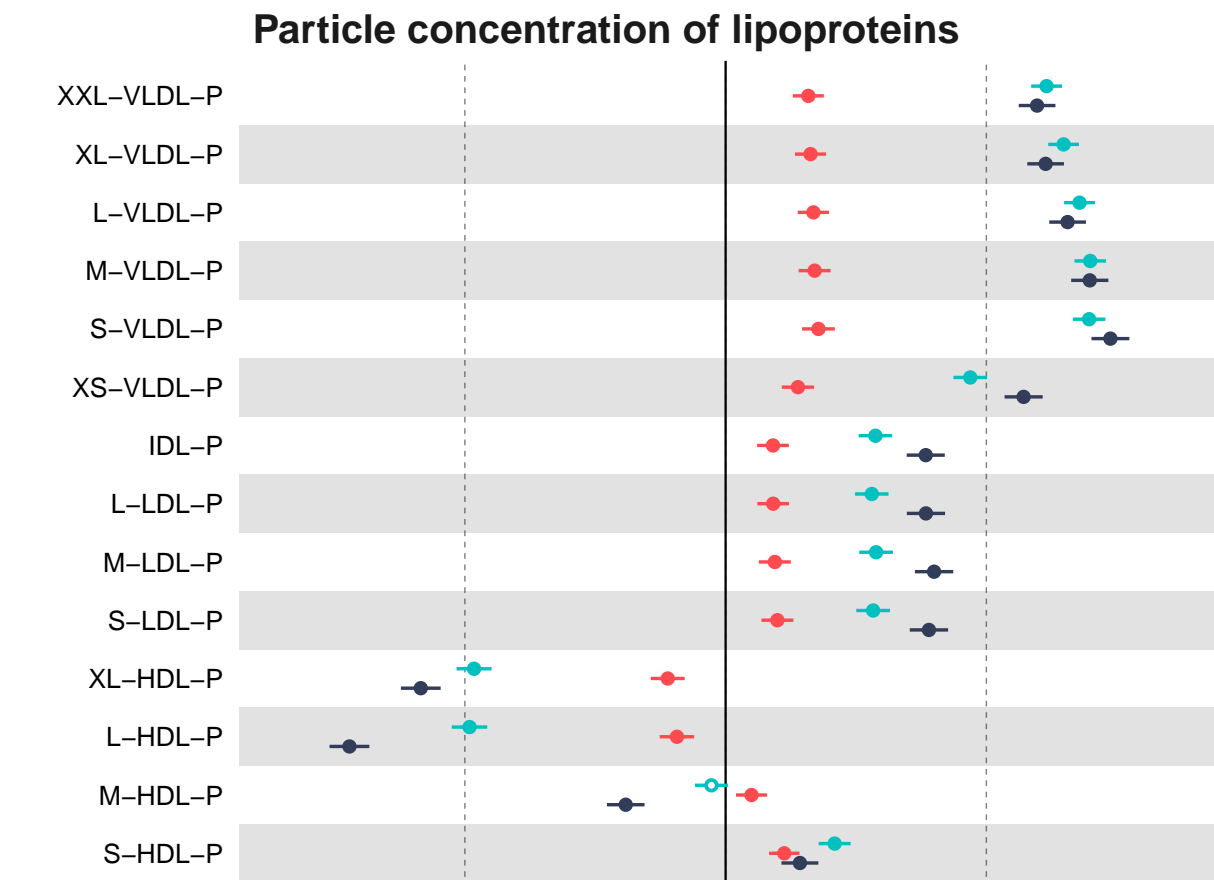
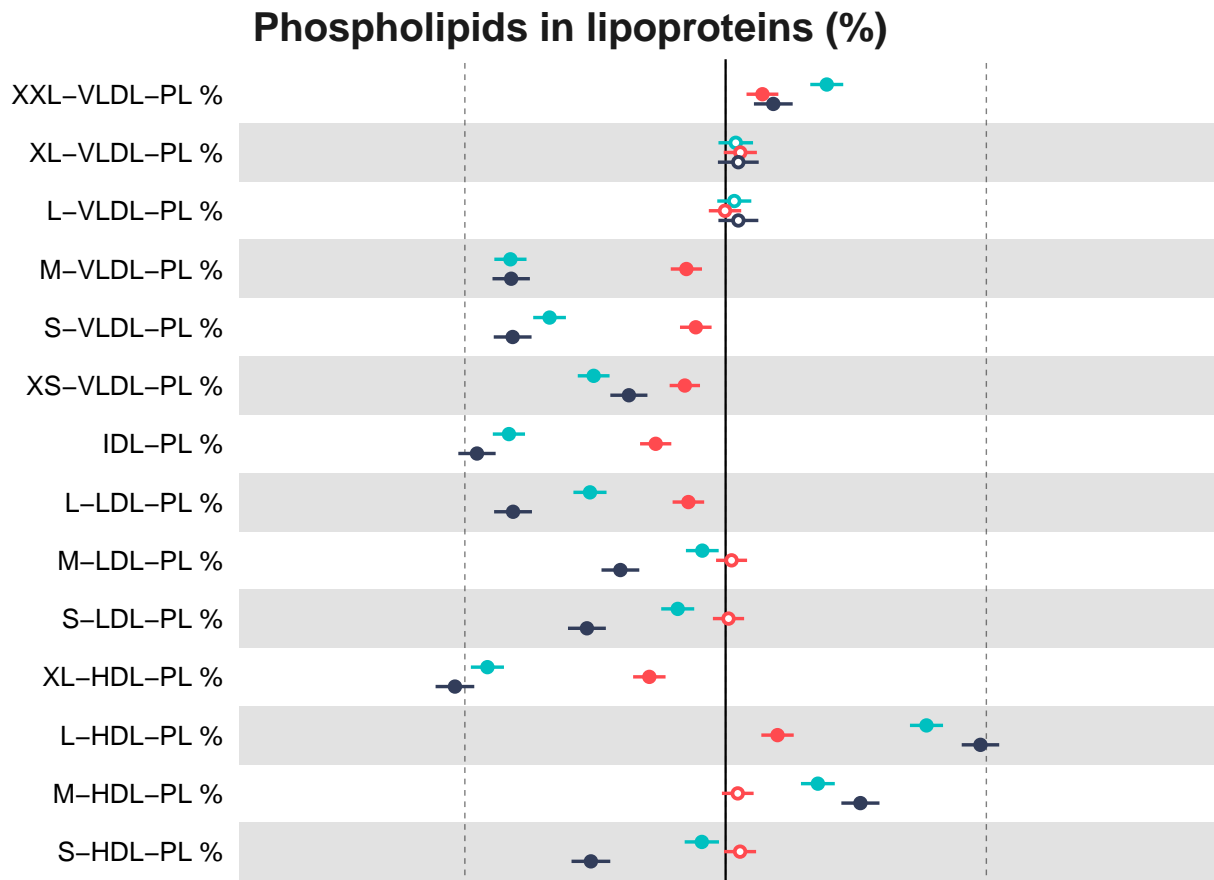
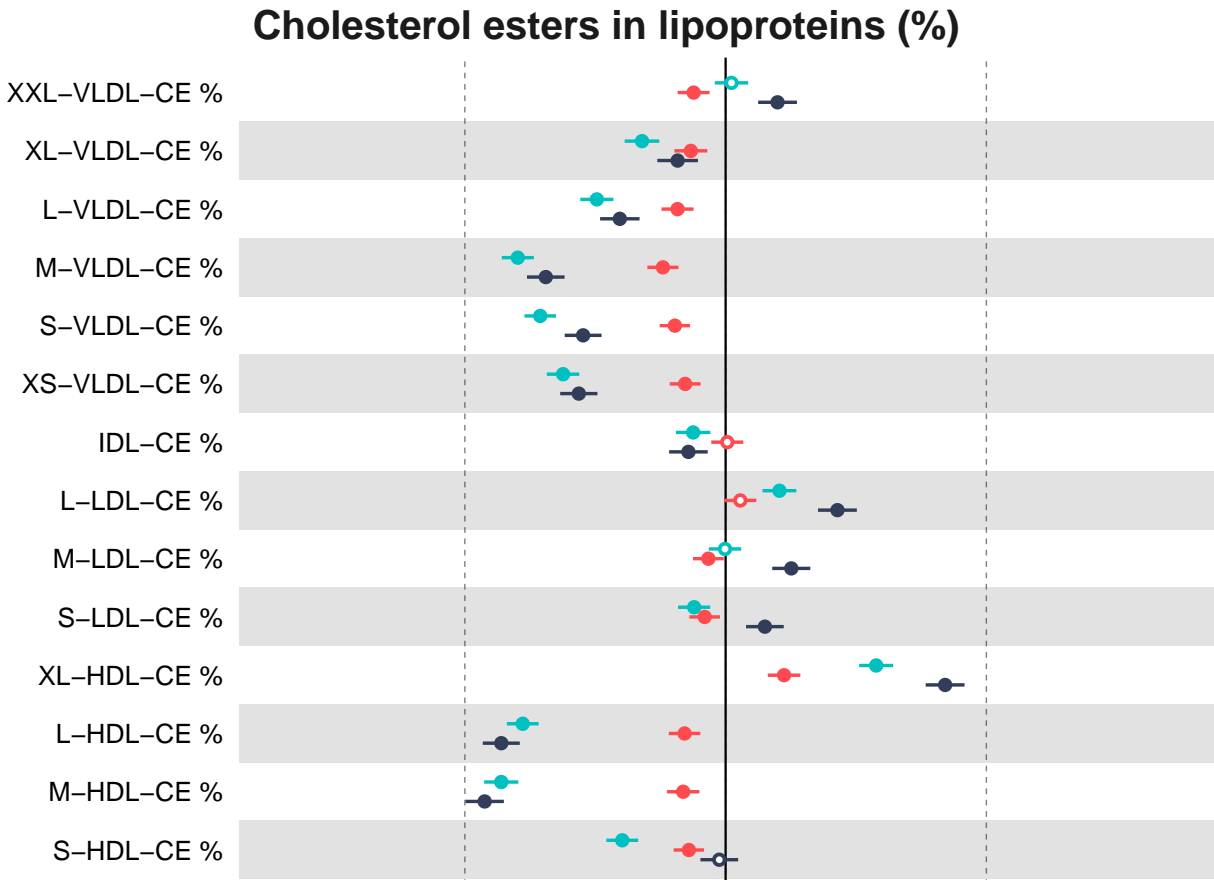
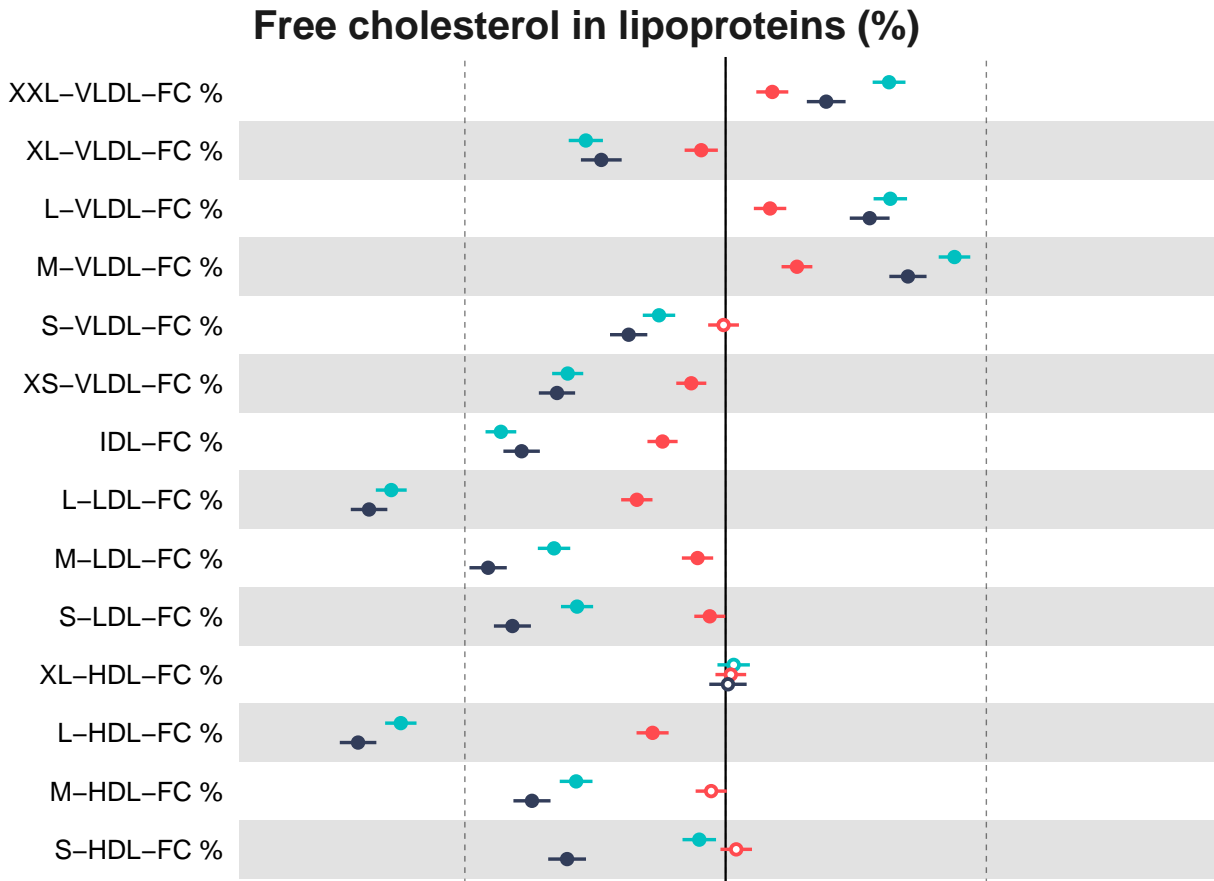
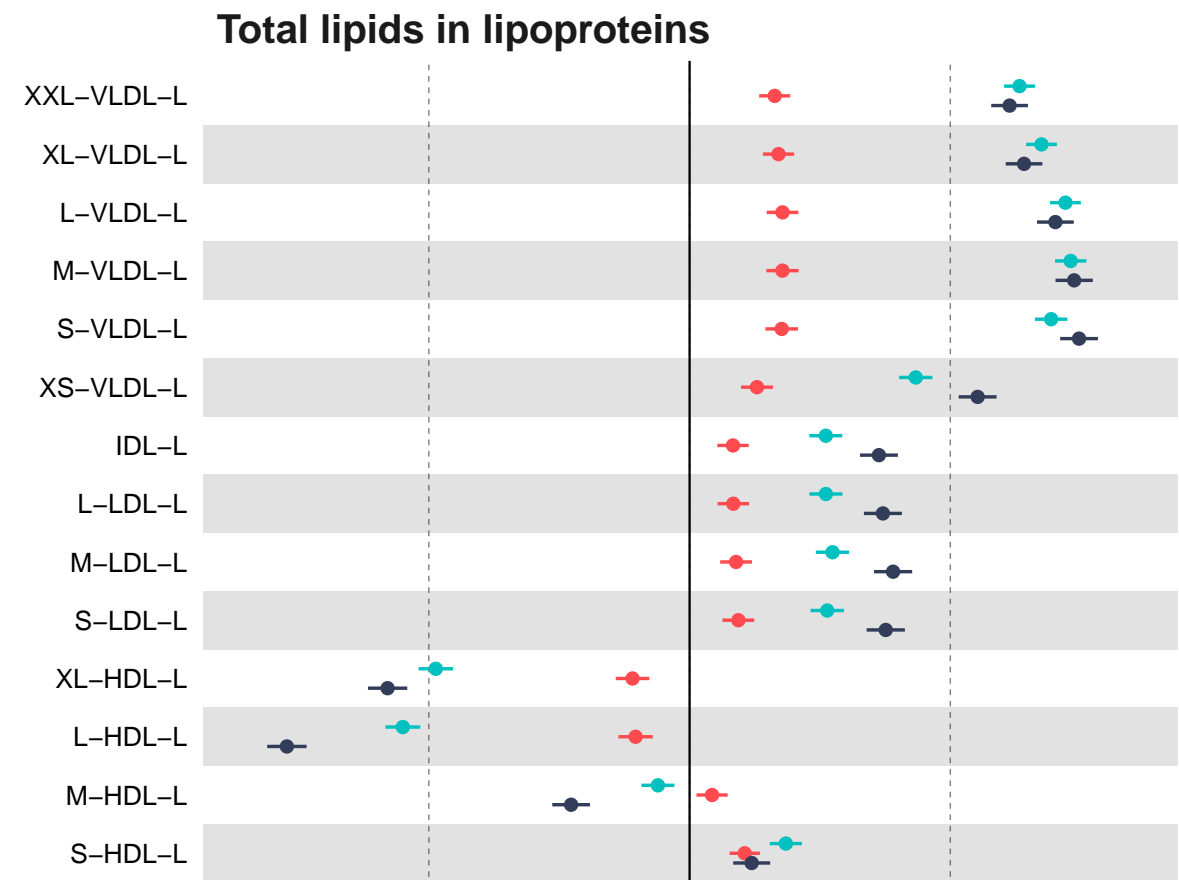
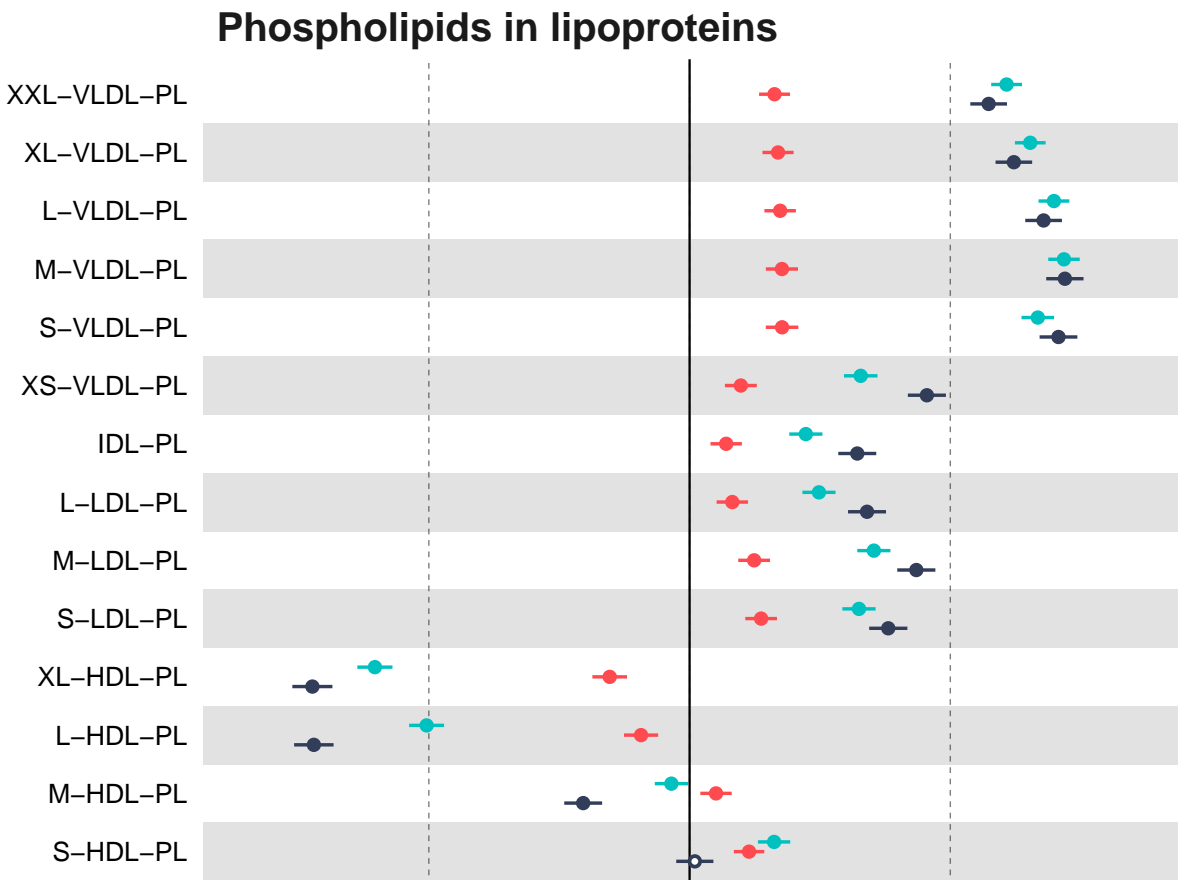
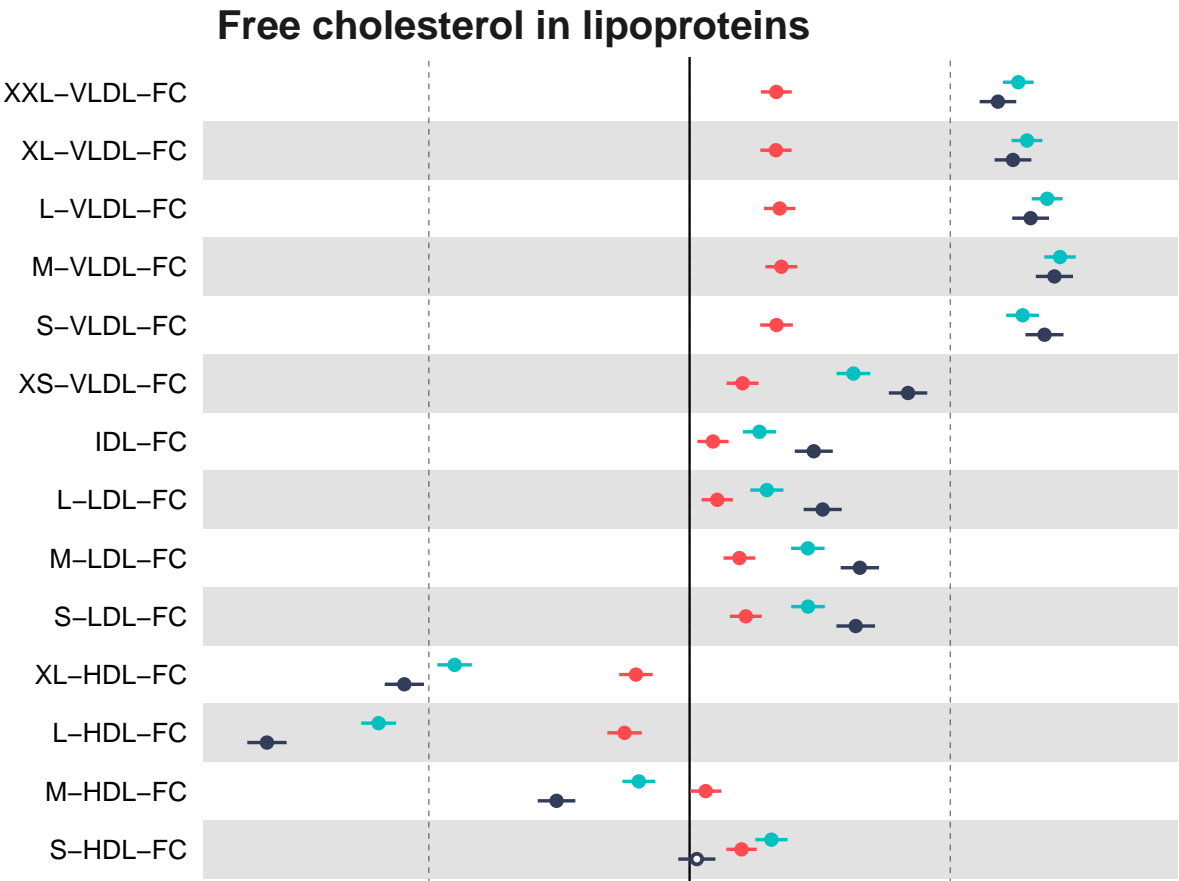


trait

- HOMA-IR
- Fasting glucose
- BMI

1-SD increment in cardiometabolic trait
per 1-SD increment in biomarker concentration

1-SD increment in cardiometabolic trait
per 1-SD increment in biomarker concentration



trait

- HOMA-IR
- Fasting glucose
- BMI

-0.25 0.00 0.25

1-SD increment in cardiometabolic trait
per 1-SD increment in biomarker concentration

-0.25 0.00 0.25

1-SD increment in cardiometabolic trait
per 1-SD increment in biomarker concentration