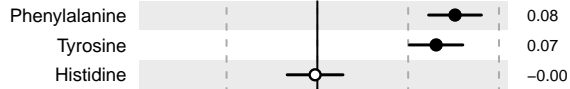


# Linear associations to BMI

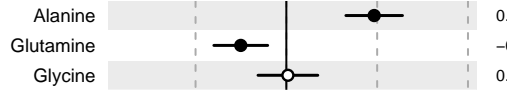
## Branched-chain amino acids



## Aromatic amino acids



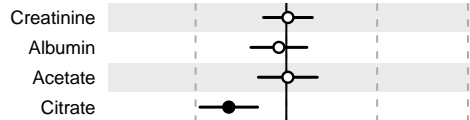
## Other amino acids



## Ketone bodies



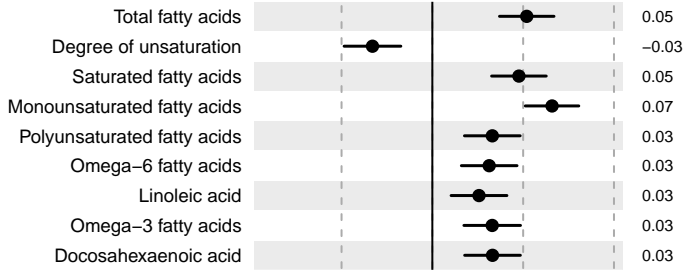
## Miscellaneous



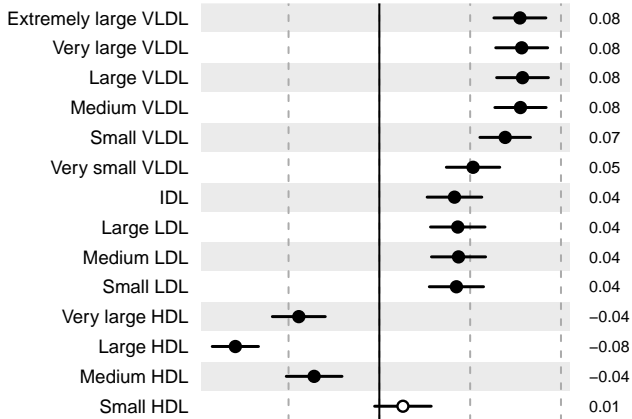
## Inflammation



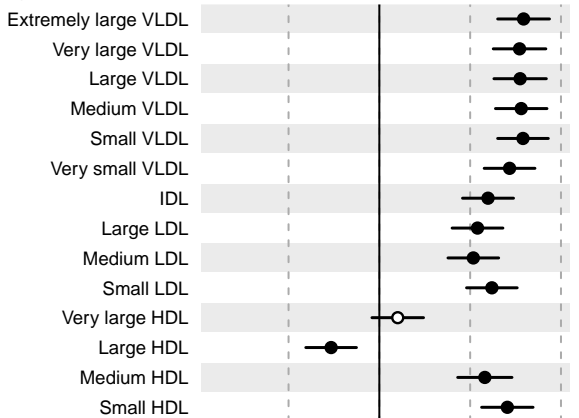
## Fatty acids



## Total cholesterol in lipoproteins

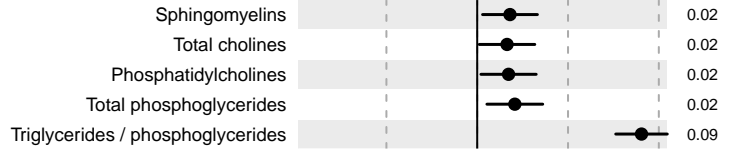


## Triglycerides in lipoproteins

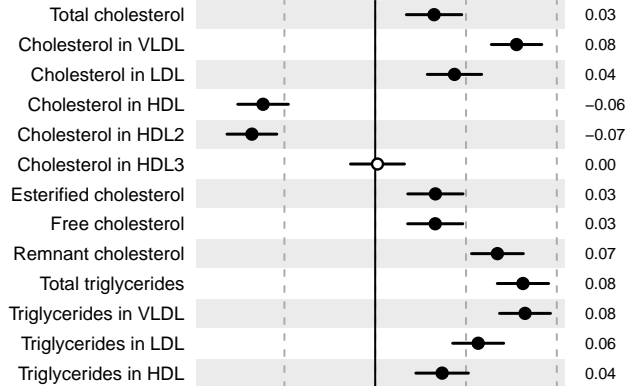


SD difference (95% CI)

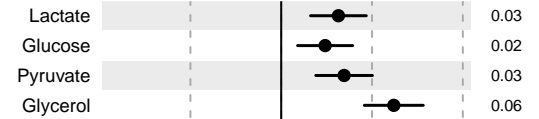
## Phospholipids



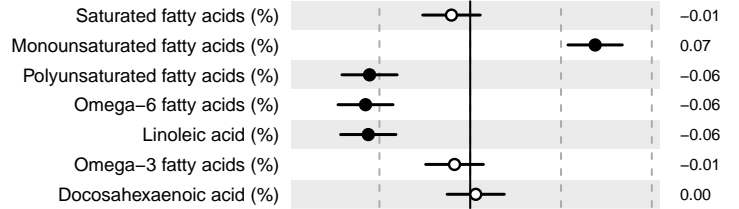
## Composite lipid measures



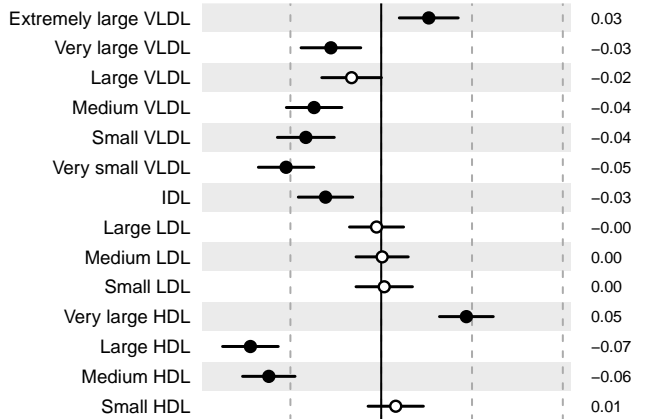
## Glycolysis-related metabolites



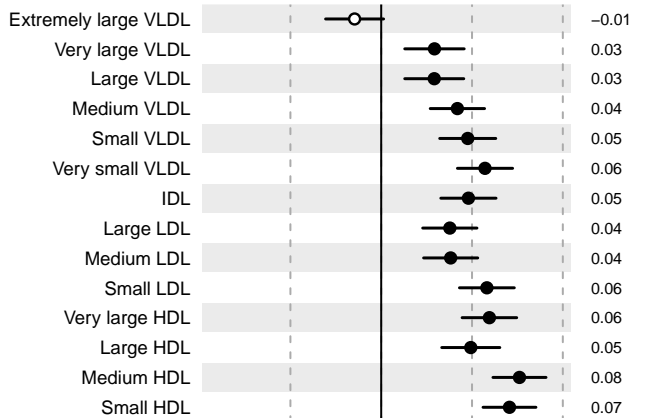
## Fatty acid ratios



## Total cholesterol in lipoproteins (%)



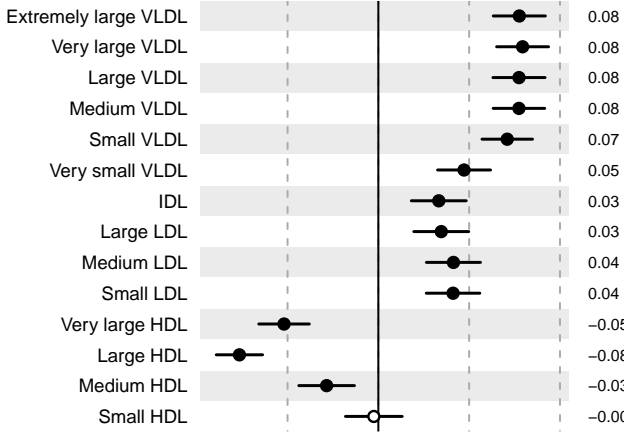
## Triglycerides in lipoproteins (%)



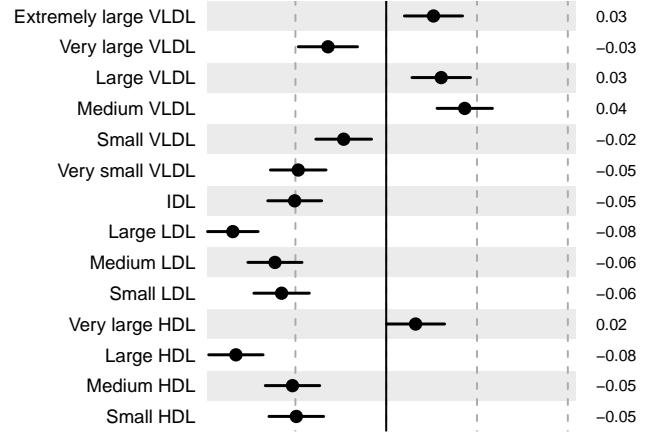
SD difference (95% CI)

## Linear associations to BMI

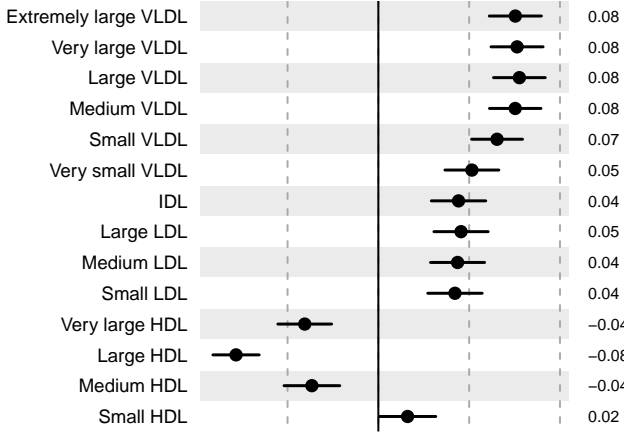
### Free cholesterol in lipoproteins



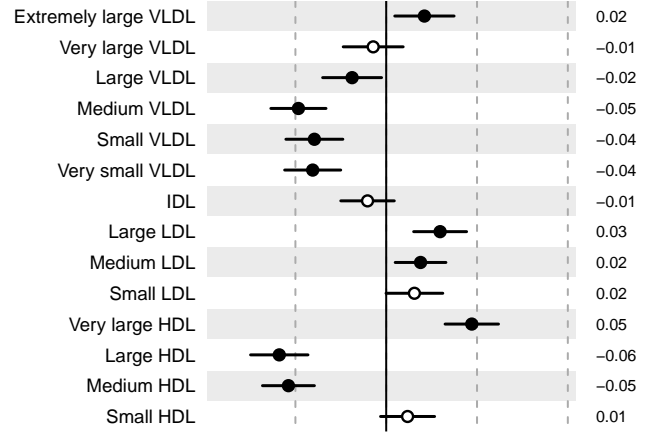
### Free cholesterol in lipoproteins (%)



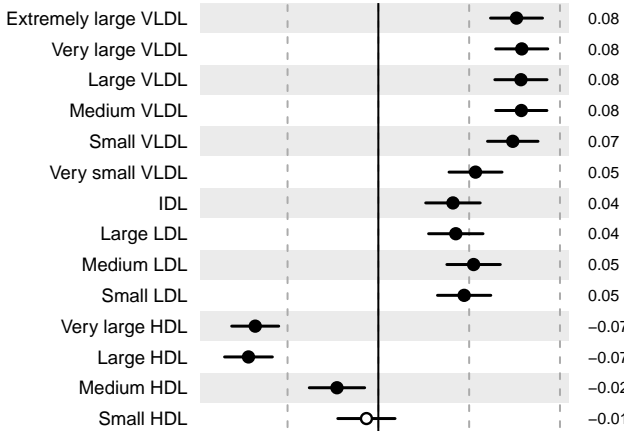
### Cholesterol esters in lipoproteins



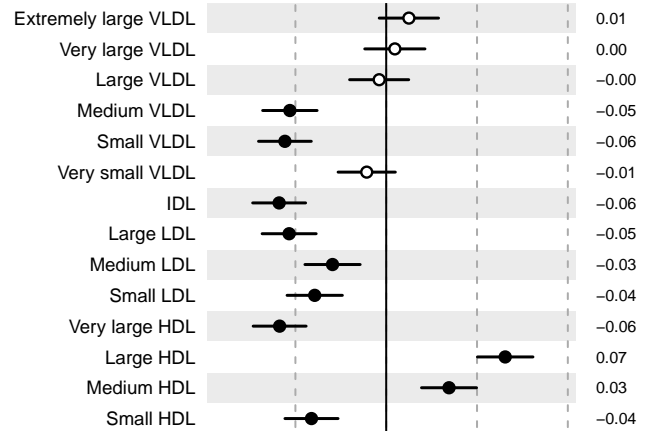
### Cholesterol esters in lipoproteins (%)



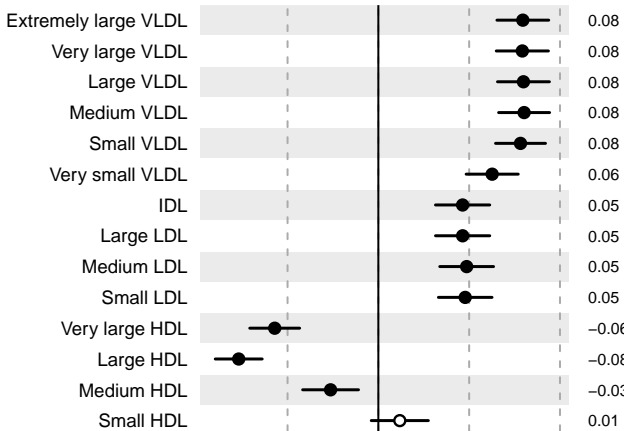
### Phospholipids in lipoproteins



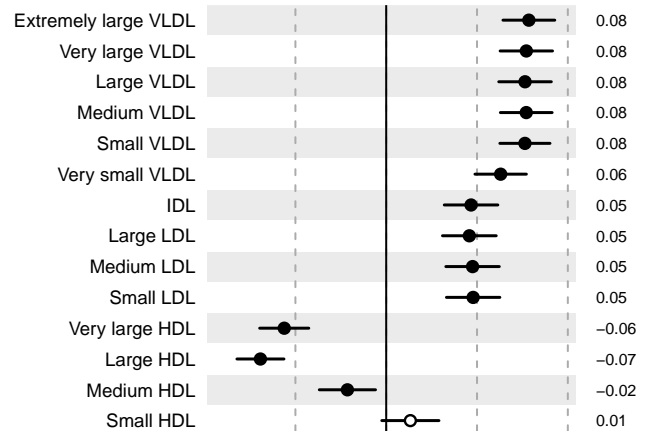
### Phospholipids in lipoproteins (%)



### Total lipids in lipoproteins



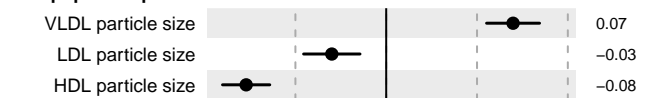
### Concentration of lipoproteins



### Apolipoproteins



### Lipoprotein particle size



SD difference (95% CI)

SD difference (95% CI)