

Code Availability

Code is provided for the main analyses performed in this study. A brief description of the included files is provided below:

- **00_metaanalysis_with_METAL**
Example input script used to perform meta-analyses with METAL.
- **01_prep_for_LDSC**
Data preparation and formatting steps for linkage disequilibrium score regression (LDSC) analyses. Please note that this script includes several additional traits that are not used in the final apoA-IV LDSC analysis presented in the manuscript.
- **02_LDSC_analysis_apoa4**
LDSC analyses evaluating genetic correlations between apoA-IV and the investigated traits.
- **03_coloc_apoa4_prep**
Data preparation steps for colocalization analyses.
- **04_coloc_apoa4_analysis**
Colocalization analyses performed for apoA-IV-associated loci.
- **05_Equivalence_test_ELISAvsOlink**
Equivalence testing using different equivalence margins to compare summary statistics derived from ELISA-based apoA-IV measurements and Olink-derived apoA-IV measurements.