Description of Additional Supplementary file

Supplementary Data 1
Description: Genetic variants in the genome-wide significant loci in European ancestry GWAS meta-analysis.

Supplementary Data 2
Description: Lead suggestive significant variants in European and African ancestry GWAS meta-analyses.

Supplementary Data 3
Description: Genetic variants in the genome-wide significant loci in African-American ancestry GWAS meta-analysis.

Supplementary Data 4
Description: Genetic variants with suggestive association in European ancestry GWAS meta-analyses.

Supplementary Data 5
Description: Genetic variants with suggestive association in African ancestry GWAS meta-analyses.

Supplementary Data 6
Description: Lead suggestive significant variants in multi-ancestry GWAS meta-analyses.

Supplementary Data 7
Description: Genetic variants in the genome-wide significant loci in trans-ethnic GWAS meta-analysis using MR-MEGA.

Supplementary Data 8
Description: Genetic variants with suggestive association in multi-ancestry meta-analyses.

Supplementary Data 9
Description: Results of conditional analysis on kidney function (eGFR) and Alzheimer's disease in European ancestry GWAS meta-analysis.

Supplementary Data 10
Description: Pathway-enrichment analysis based on European/African American/Trans-ethnic ancestry GWAS meta-analysis.

Supplementary Data 11
Description: Linkage disequilibrium (LD) regression analysis based on European ancestry GWAS meta-analysis summary statistics.

Supplementary Data 12
Description: Colocalization analysis on neurological traits, biomarkers, and kidney function.

Supplementary Data 13
Description: Results of association analysis of polygenic risk scores with Alzheimer's disease (AD), magnetic resonance imaging markers, and AD biomarkers as outcomes in the Rotterdam Study.

Supplementary Data 14
Description: Lookup of genome-wide significant variants associated with NfL in different GWAS included in the LD regression analysis.

Supplementary Data 15
Description: Association of genome-wide significant variants associated with NfL with CSF levels of ATN biomarkers of Alzheimer's disease in the MEMENTO cohort.

Supplementary Data 16
Description: Two-sample Mendelian randomization (MR) analysis.

Supplementary Data 17
Description: Participating cohort information.

Supplementary Data 18
Description: Studies included in the linkage disequilibrium (LD) score regression analysis and their heritability estimates.