**Title: Supplementary Data 1**  
**Description:** Results of previously identified loci for human lifespan and longevity in the European genome-wide association meta-analyses of the 90th percentile cases versus dead controls and 99th percentile cases versus all controls.

**Title: Supplementary Data 2**  
**Description:** Results from MetaXcan and colocalization of GWAS and eQTL results.

**Title: Supplementary Data 3**  
**Description:** Full results of the genetic correlation analyses of the 90th and 99th percentile phenotypes with other diseases and traits.

**Title: Supplementary Data 4**  
**Description:** Demographics of the cohorts included in the European and /or trans-ethnic genome-wide association meta-analyses.

**Title: Supplementary Data 5**  
**Description:** Details of the genotyping, quality control and imputation of the cohorts included in the European and /or trans-ethnic genome-wide association meta-analyses.