| **File Name** | **Purpose of data** | **Code to Generate** |
| --- | --- | --- |
| **HRS** | | |
| HRSPoA\_BiomarkerFile\_230921 | Biomarker data, year/time information, and demographic variables for calculating Pace of Aging in HRS derived from [RAND file](https://hrsdata.isr.umich.edu/data-products/rand?_gl=1*31x05w*_ga*MTExNzc4MDE4OC4xNzI2MjQzMzA1*_ga_FF28MW3MW2*MTc0MTY0MDQ2My4xNi4xLjE3NDE2NDA0NzMuMC4wLjA.) + [DBS files](https://hrsdata.isr.umich.edu/data-products/sensitive-health?_gl=1*1af82uy*_ga*MTExNzc4MDE4OC4xNzI2MjQzMzA1*_ga_FF28MW3MW2*MTc0MTY0MDQ2My4xNi4xLjE3NDE2NDA0NzMuMC4wLjA.) | HRSPoABiomarkerFile\_241220.do |
| HRSRAND\_Health2020\_DWB | Health outcome data: chronic diseases, ADL, IADL, and covariates such as smoking and BMI derived from [RAND File](https://hrsdata.isr.umich.edu/data-products/rand?_gl=1*31x05w*_ga*MTExNzc4MDE4OC4xNzI2MjQzMzA1*_ga_FF28MW3MW2*MTc0MTY0MDQ2My4xNi4xLjE3NDE2NDA0NzMuMC4wLjA.) | HRSRAND\_Health2020.do |
| HRSPoA\_Survival | Survival status and time of death derived from [HRS Tracker File](https://hrsdata.isr.umich.edu/data-products/cross-wave-tracker-file) | HRSPoA\_Survival.do |
|  | Cognitive score/function data – taken directly from [LangaWeir2020v2](https://hrs.isr.umich.edu/data-products/cognition-data) dataset distributed by HRS | LangaWeir2020V2 (from HRS) |
|  |  |  |
|  | | |
| PhenoAge\_Revised032320DK\_v12 | PhenoAge variable in HRS | Calculated from HRS VBS data using the R package [BioAge](https://github.com/dayoonkwon/BioAge) following the method described in Graf et al. 2021 *Am J Epid* |
| new\_bioage\_df | HD and KDM variables in HRS |
| BalachandranPoAClockData | GrimAge and DunedinPACE in HRS | Computed from HRS DNAm data using the [DunedinPACE](https://github.com/danbelsky/DunedinPACE) and [PC-Clocks](https://github.com/MorganLevineLab/PC-Clocks) R packages |
| **ELSA** | | |
| biomarker\_dataset\_2025 | Biomarker data, year/time information, and demographic variables for calculating Pace of Aging in ELSA | ELSA\_data.Rmd |
| Outcome\_5050\_7 sept | Health outcome data: chronic diseases, ADL, IADL, cognitive score, and covariates of smoking and BMI |  |