**CHARGE Longevity Age 90Results README**

Meta-analysis was performed for longevity where cases are those that reached an age of greater than or equal to 90 years, and controls are those that died between ages 55 and 80 years. Meta-analysis results are in comma-delimited format. The file name is broer\_age90.csv.gz.

​For additional information, please see/cite:  
GWAS of longevity in CHARGE consortium confirms APOE and FOXO3 candidacy.

J Gerontol A Biol Sci Med Sci. 2015 Jan;70(1):110-8. Epub 2014 Sep 8.

DOI: 10.1093/gerona/glu166

PMCID: PMC4296168

PMID: 25199915 [Indexed for MEDLINE]

The file includes the following variables:

* SNPID: rs#
* chr: Chromosome, genome build NCBI build 36 based on HapMap Phase II release 24.
* pos: Chromosomal position, genome build NCBI build 36 based on HapMap Phase II release 24.
* coded\_allele: Effect allele, the trait association reflects increasing dosage of the coded allele.
* noncoded\_allele: Non-effect allele.
* coded\_allele\_freq: Frequency of coded allele.
* logOR: Meta-analysis beta, based on study-specific logistic regression estimates, equivalent to the natural log of the odds ratio.
* StdErr: SE(logOR)
* Pval: P-value from meta-analysis
* Direction: Direction of association from contributing studies
* HetISq: I2 heterogeneity statistic
* HetChiSq: Heterogeneity test statistic
* HetDf: degrees of freedom for heterogeneity test
* HetPVal: heterogeneity p-value

Study order for Direction column:

* The studies are ordered as RS1, RS2, SOF, CHS, MrOS, FHS, HRS, AGES, RADC, InCHIANTI, and BLSA.

Sample size for cohorts in meta-analysis

|  |  |  |
| --- | --- | --- |
| Study | N cases | N controls |
| RS1 | 899 | 1192 |
| RS2 | 69 | 161 |
| SOF | 1720 | 124 |
| CHS | 791 | 560 |
| MrOS | 670 | 502 |
| FHS | 320 | 484 |
| HRS | 384 | 401 |
| AGES | 541 | 145 |
| RADC | 468 | 78 |
| InCHIANTI | 101 | 75 |
| BLSA | 128 | 42 |