README

This README describes the data for 1770 HAALSI/AWI-Gen study participants used for analysis in the paper *APOE* genetic variation and its association with cognitive function in rural-dwelling older South Africans (2021).

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Column 1: AWIGEN_ID represents the unique identifier used to link the study participant to the original HAALSI dataset.

Column 2: rs429358_GENOTYPE represents unphased SNP genotype data for rs429358 on chromosome 19 in the *APOE* locus. Variants may either be C or T.

Column 3: rs7412_GENOTYPE represents unphased SNP genotype data for rs7412 on chromosome 19 in the *APOE* locus. Variants may either be C or T.

Column 4: APOE_GENOTYPE represents the unphased genotype derived from the *APOE* alleles ε2, ε3, and ε4. These alleles are derived from the haplotypes generated when combining the SNP variants from rs429358 and rs7412. Alleles are recorded as e2, e3, or e4 as seen in the table below:

rs429358	***rs7412***	***APOE***
T	T	ε2
T	C	ε3
C	C	ε4