Descriptions of APOE\_RiskScore variable

A risk score based on the apolipoprotein E (*APOE*)gene was calculated, with a higher risk score indicating having a higher amount of genetic risk for Alzheimer’s disease (Darst, et al. in review). *APOE* was coded by the ε2/ε3/ε4 genotype formed by rs7412 and rs429358. Risk due to *APOE* status was calculated according to the odds ratio (OR) of the ε2/ε3/ε4 genotype, as indicated in the meta-analysis of *APOE* genotype frequencies in studies reported in AlzGene[1]. These ORs were based on studies of Caucasian individuals and were calculated using the ε2/ε2 genotype as the reference (ε2/ε2 OR=1) as follows: ε2/ε3 OR=1.38, ε3/ε3 OR=2.00, ε2/ε4 OR=4.45, ε3/ε4 OR=6.78, ε4/ε4 OR=25.84.

[1] AlzGene, alzgene.org, Accessed July 15, 2015.