Linear coefficient for interaction between time and SNP. Effects adjusted for Age at baseline (years), intracranial volume(cm3), sex, years of education and tesla parameter. Model allows a diferent volume rate of change depending on diagnositc status. Also, intercept and rate of change in time are included as random effects. Significant interactions are reported as Wald−test pvalues at levels 0.1(·), 0.05(*), 0.01(**) and 0.001(***), corrected for multiple comparisons by FDR method. Non−significant differences are not shown. All SNP effects are parameterized according to additive model, except for rs_7412_T with a dominant model. **Units** Average increment in volume rate of change (mm3) associated with an increase of 1 alternative allele.