

Supplemental Material

HEAD MOTION ARTIFACTS

Method

A mixed ANOVA was used to compare the head movements at M0 and M24 (within-subjects factor: time) and between APOE ϵ 4 carriers and non-carriers (between-subjects factor: APOE ϵ 4 genotype).

Results

The mixed ANOVA showed no significant differences in motion neither between M0 and M24 nor between APOE ϵ 4 carriers and non-carriers [Time effect (within-subjects factor): $F=2.209$, $p=.139$; APOE ϵ 4 genotype (between-subjects factor): $F = 2.070$, $p = .151$; Time*APOE (interaction): $F = 1.142$, $p = .286$].

Figure 1 Spatial maps of the DMN images are displayed in neurological convention. The yellow-red bar on the right side represents the z-values.