Table 6: Interactions between antiinflammatory medication and inflammatory markers on the association with total brain volume (TBV) and gray matter volume (GMV) .Results for the interaction terms from linear regression models.

Cohort	Outcome	Antiinflammatory Medication *WBC	Antiinflammatory Medication *hs-CRP[a]	Antiinflammatory Medication *Fibrinogen[b]	R^2 range for the models per outcome
SHIP-2 and SHIP-Trend[§] (n= 2204)	TBV	-3788 [19359] (0.845)	-	-43925 [23169] (0.247)	[0.444]
	GMV	-4292 [10837] (0.845)	5285 [3655] (0.247)	-20342 [13002] (0.247)	[0.514 - 0.515]

Coefficient [standard error] (fdr adjusted p-value).* and bold=significant at p<0.05

§ Models are adjusted for age, age^2, sex, and study cohort effects.

a Measure available for n=1446 subjects

b Measure available for n=2198 subjects

TBV: total brain volume; GMV: gray matter volume; WBC: white blood cell count; hs-CRP: high sensitive C-reactive protein