

Table 7: Interactions between antiinflammatory medication and inflammatory markers on the association with brain aging patterns (SPARE-BA). Results for the interaction terms from linear regression models.

Cohort	Outcome	Antiinflammatory Medication *WBC	Antiinflammatory Medication *hs-CRP ^a	R ² range for the models per outcome
SHIP-2 and SHIP-Trend [§] (n=2204)	SPARE-BA	-0.283 [0.222] (0.202)	0.160 [0.075] (0.062)	[0.677 - 0.694]

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

§ Models are adjusted for age, age², sex, and study cohort effects.

a Measure available for n=1446 subjects

b Measure available for n=2198 subjects

WBC: white blood cell count; hs-CRP: high sensitive C-reactive protein; SPARE-BA: Spatial Pattern of Atrophy for Recognition of brain aging; SHIP: Study of Health in Pomerania;