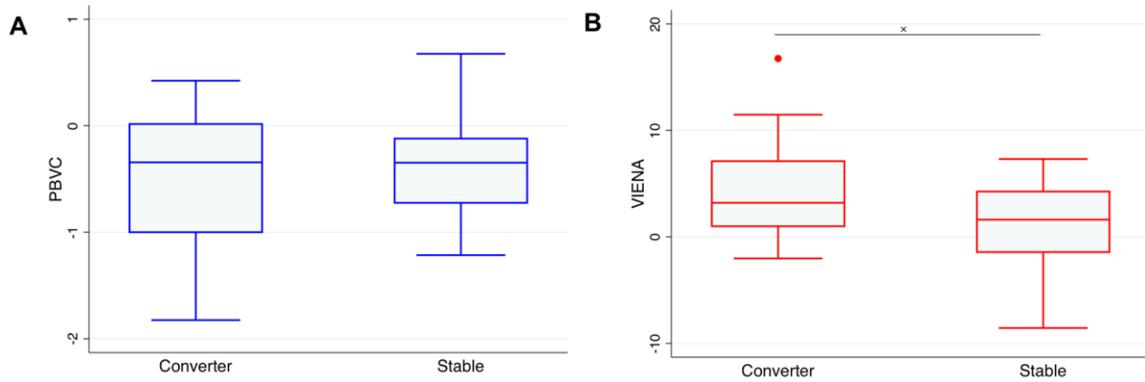
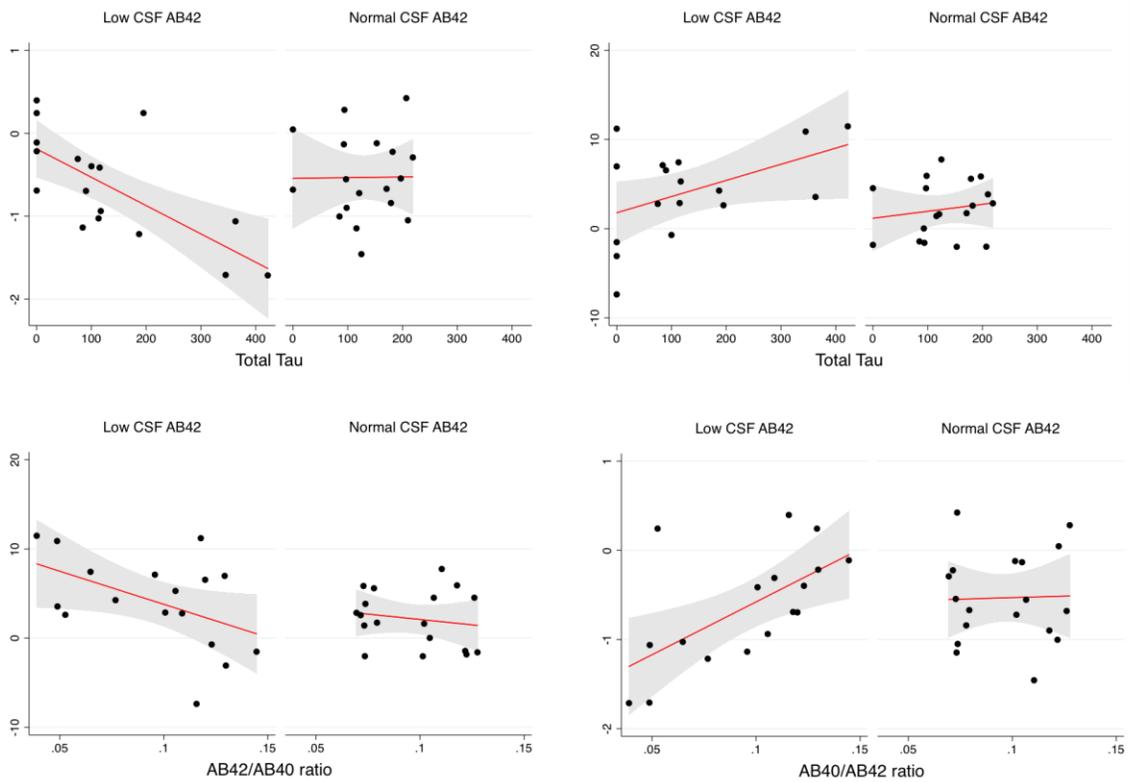


SUPPLEMENTARY MATERIAL



Supplementary Figure 1. Subgroup analyses of whole brain atrophy and ventricular enlargement in PD-NC_{converters} and PD-NC_{stable}. A – B: PBVC and VIENA in PD-NC_{converters} compared to PD-NC_{stable}. Abbreviations: PBVC = Percentage brain volume change; VIENA = Ventricular enlargement.



Supplementary Figure 2. Scatter plots showing significant associations between CSF markers (Total Tau and A β 42 / A β 40 ratio) at baseline and MRI change measures (PBVC and VIENA) respectively. The sample of PD subjects with CSF measurements were stratified according to low and normal A β 42 groups using a median split. Abbreviations: PBVC = Percentage brain volume change; VIENA = ventricular enlargement.