**Supplementary Figure 1.** Subgroup analyses of whole brain atrophy and ventricular enlargement in PD-NC\(_{\text{converters}}\) and PD-NC\(_{\text{stable}}\). A – B: PBVC and VIENA in PD-NC\(_{\text{converters}}\) compared to PD-NC\(_{\text{stable}}\). Abbreviations: PBVC = Percentage brain volume change; VIENA = Ventricular enlargement.
Supplementary Figure 2. Scatter plots showing significant associations between CSF markers (Total Tau and Aβ42 / Aβ40 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 Aβ42 groups using a median split. Abbreviations: PBVC = Percentage brain volume change; VIENA = ventricular enlargement.