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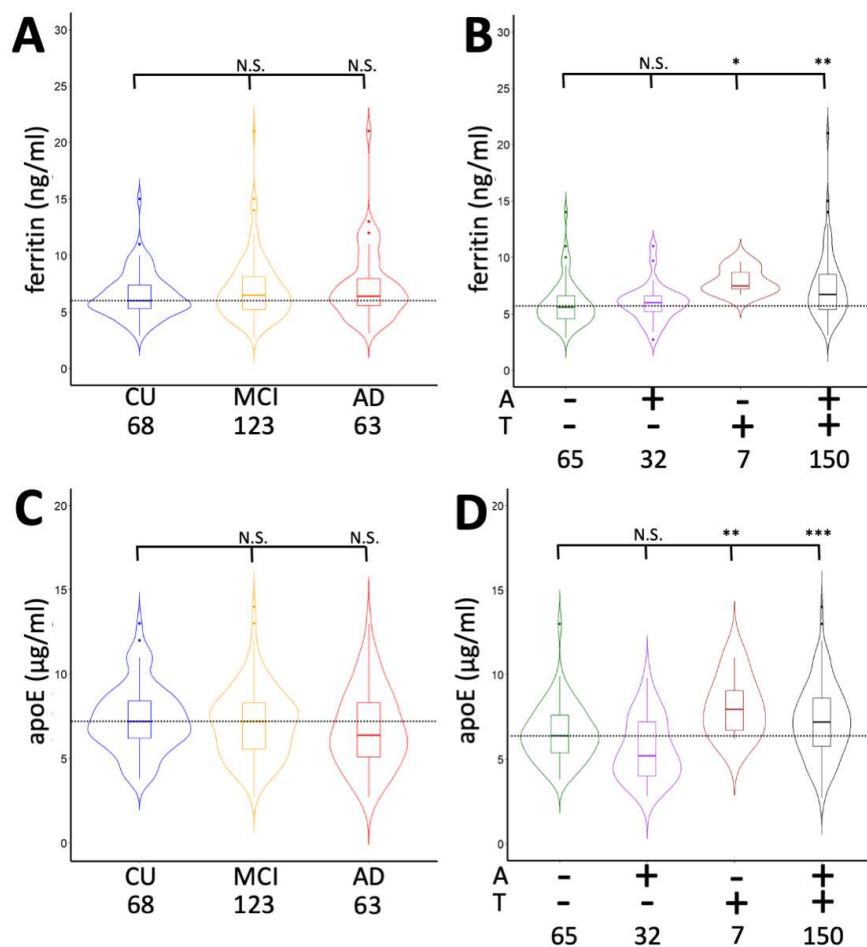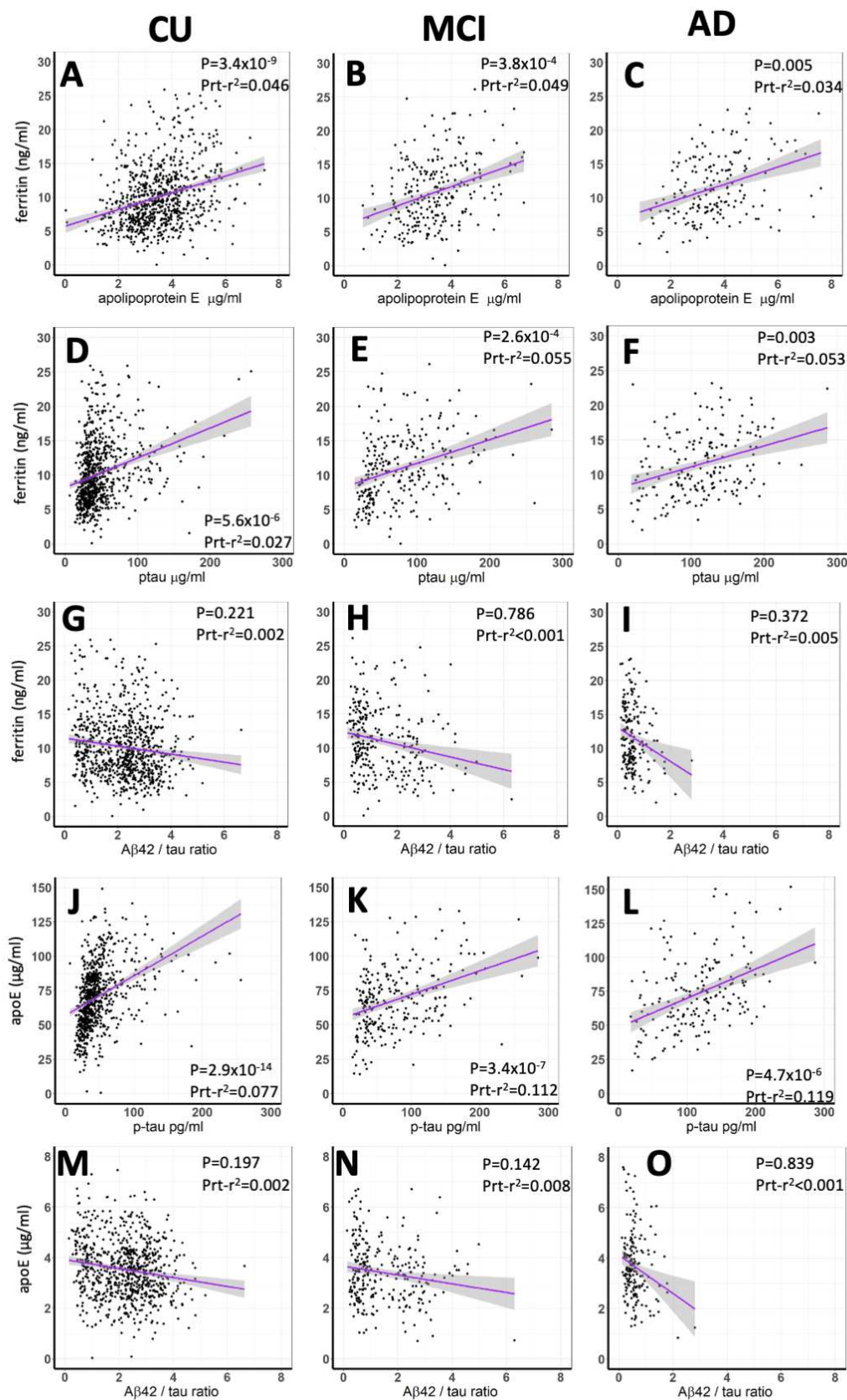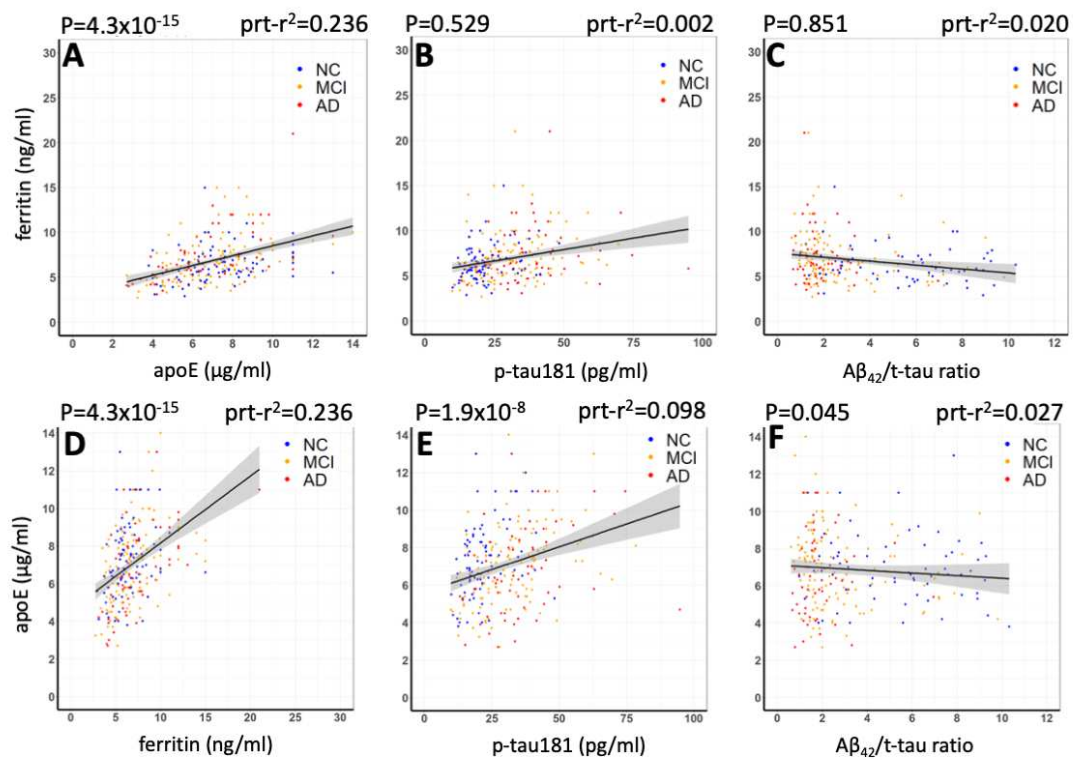*J Neurol Neurosurg Psychiatry*

Supplementary Figures

Supplementary Figure 1. Ferritin and apoE levels in ADNI subjects. (A&B) Violin plots of CSF ferritin (**A**) stratified by cognitive status and (**B**) A&T criteria. **(C&D)** Violin plots of CSF apoE (**C**) stratified by cognitive status and (**D**) A&T criteria. Statistics are from multiple regression models including age, sex, *APOE* ε4, apoE, ferritin, and either cognitive status or A&T criteria, where *p<0.05; **P<0.01; ***P<0.001.

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Supplementary Figure 2. Correlations between ferritin, apoE, p-tau and Aβ42/t-tau in subjects from the BioFINDER cohort stratified by cognitive severity. Statistics are from multiple regression model of either ferritin or apoE, including age, sex, *APOE* ε4, p-tau, Aβ42/t-tau and either ferritin or apoE. Prt-r^2 represents the partial r^2.

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**Supplementary Figure 3. Correlations between ferritin, apoE, p-tau and Aβ$_{42}$/t-tau in subjects from
the ADNI cohort.** Statistics are from multiple regression model of either ferritin or apoE, including age,
sex, *APOE* ε4, p-tau, Aβ$_{42}$/t-tau and either ferritin or apoE. prt-r^2 represents the partial r^2.