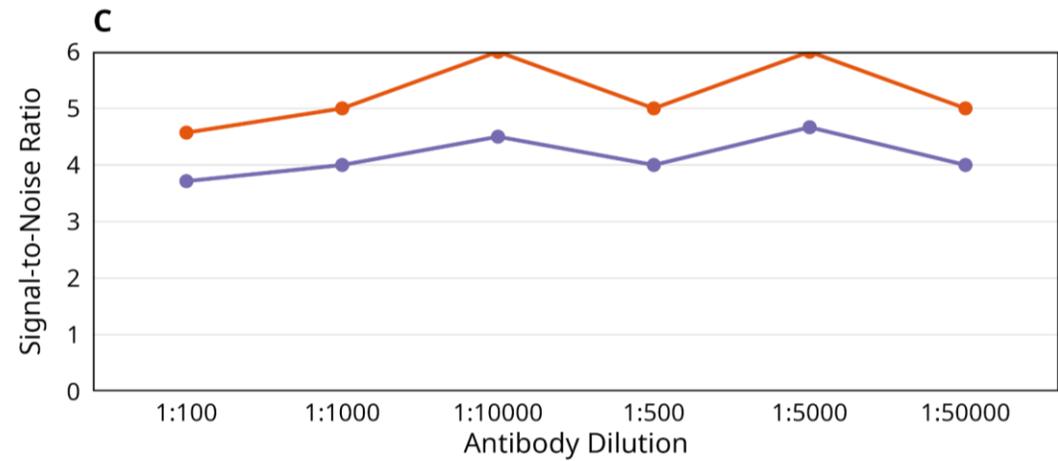
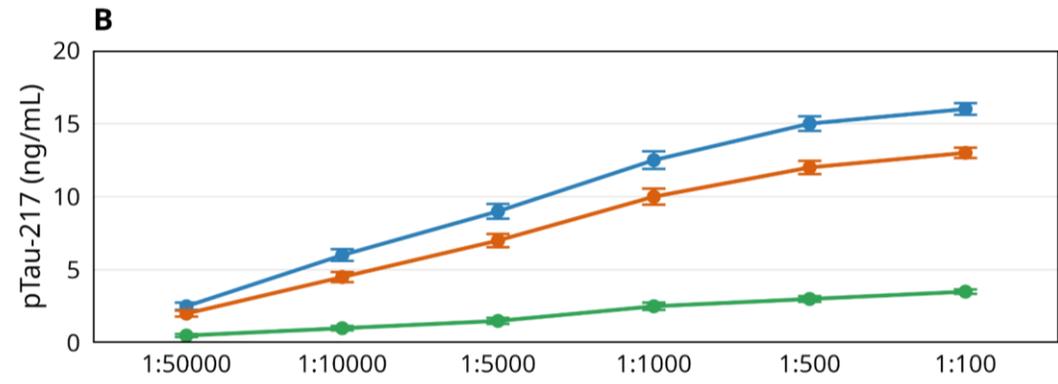
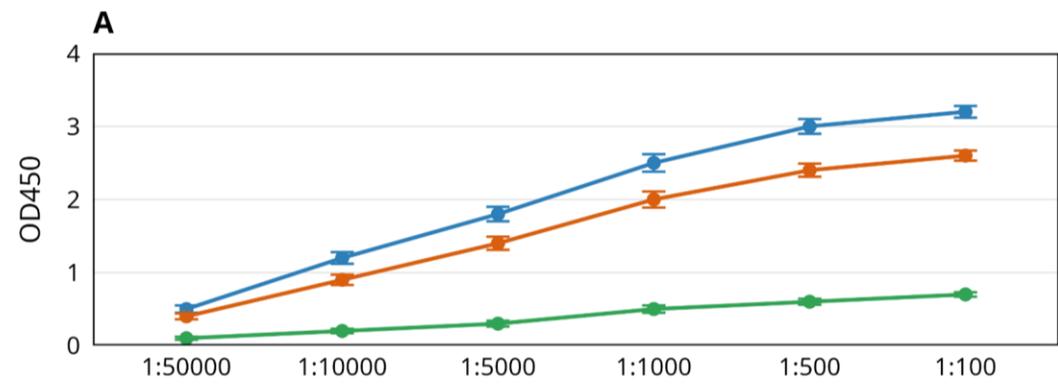
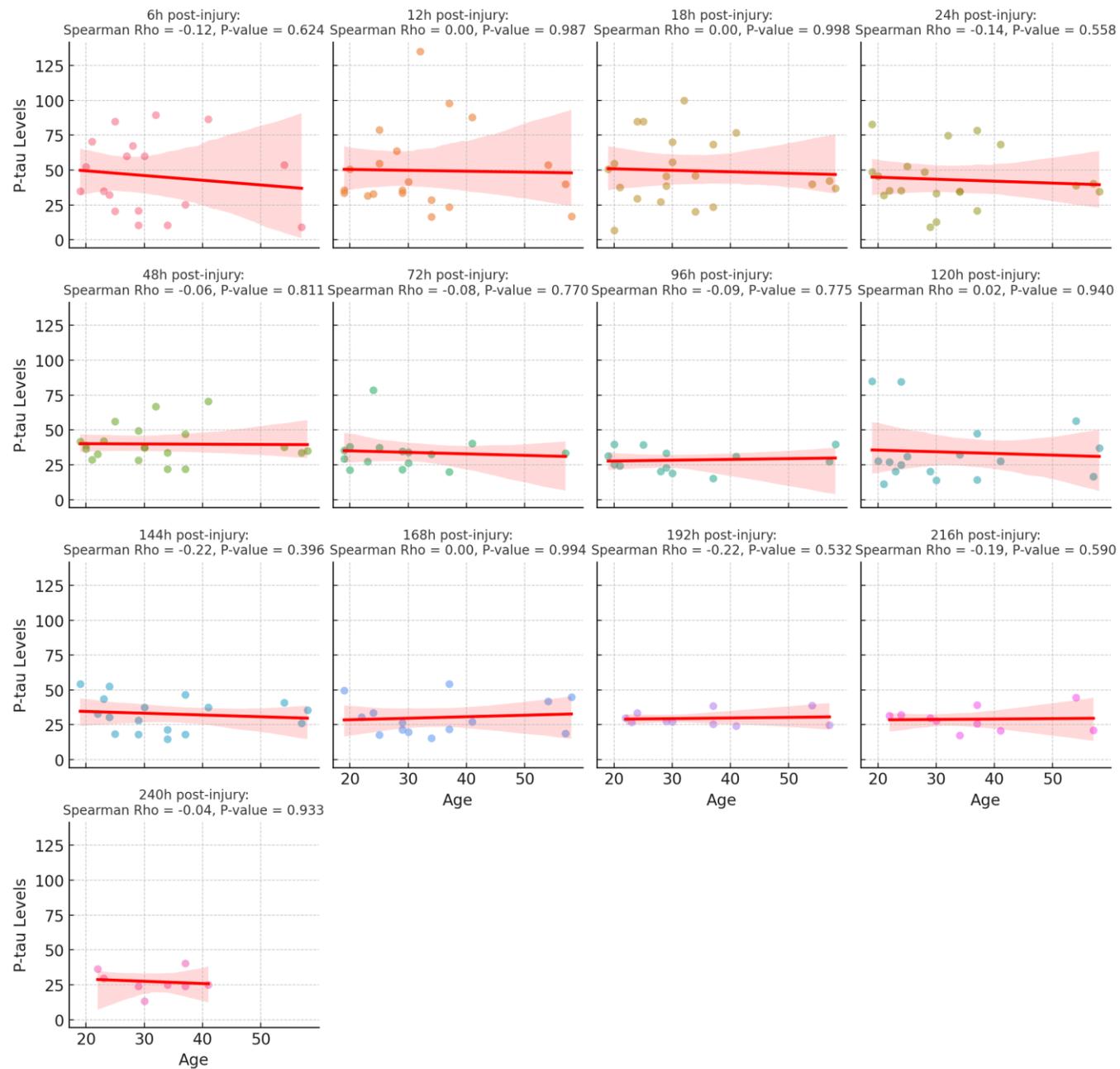


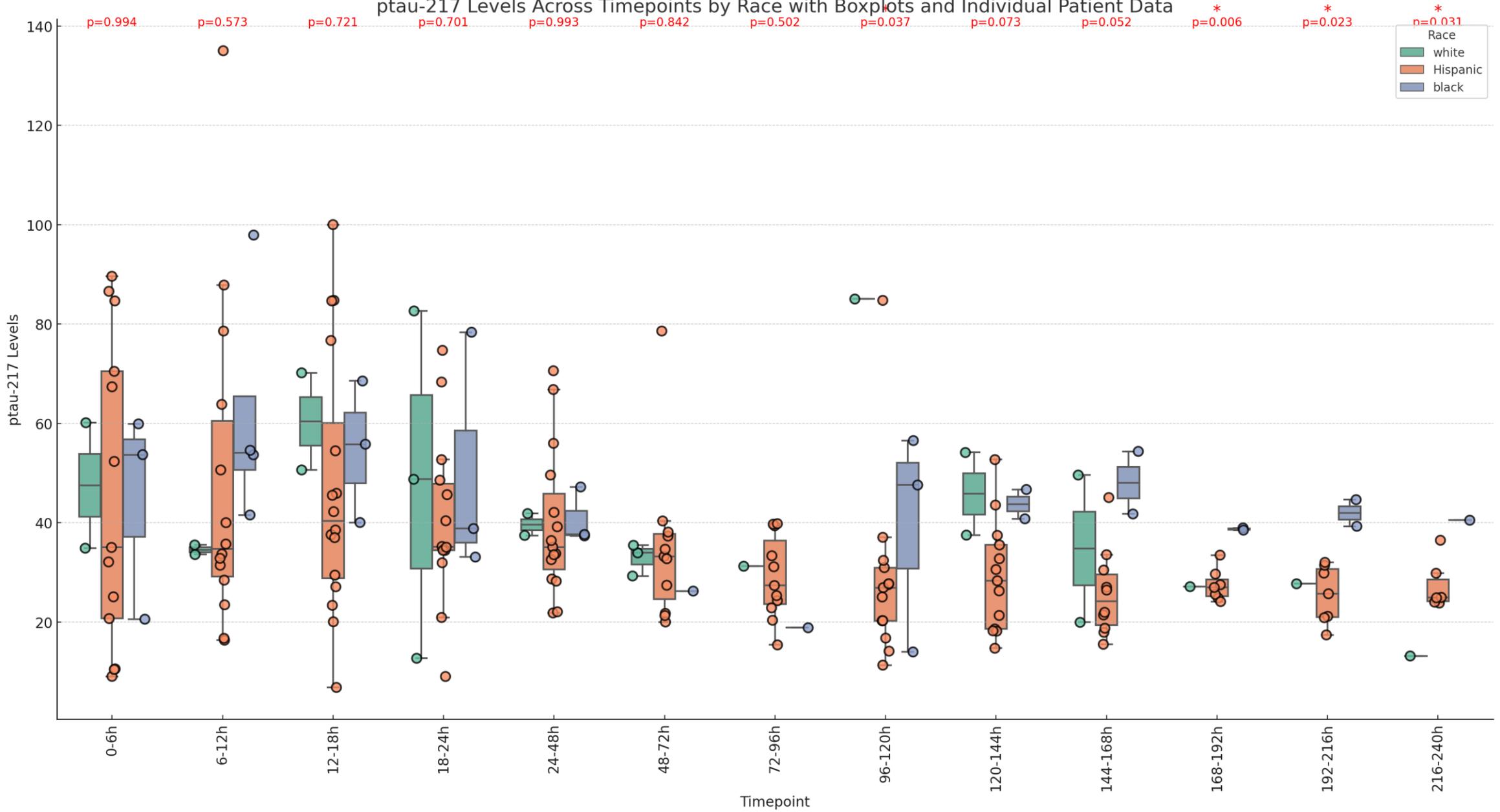
**Blue** – Tau epitopes phosphorylated in TBI  
**Red** – antibodies specific for p-Tau epitope

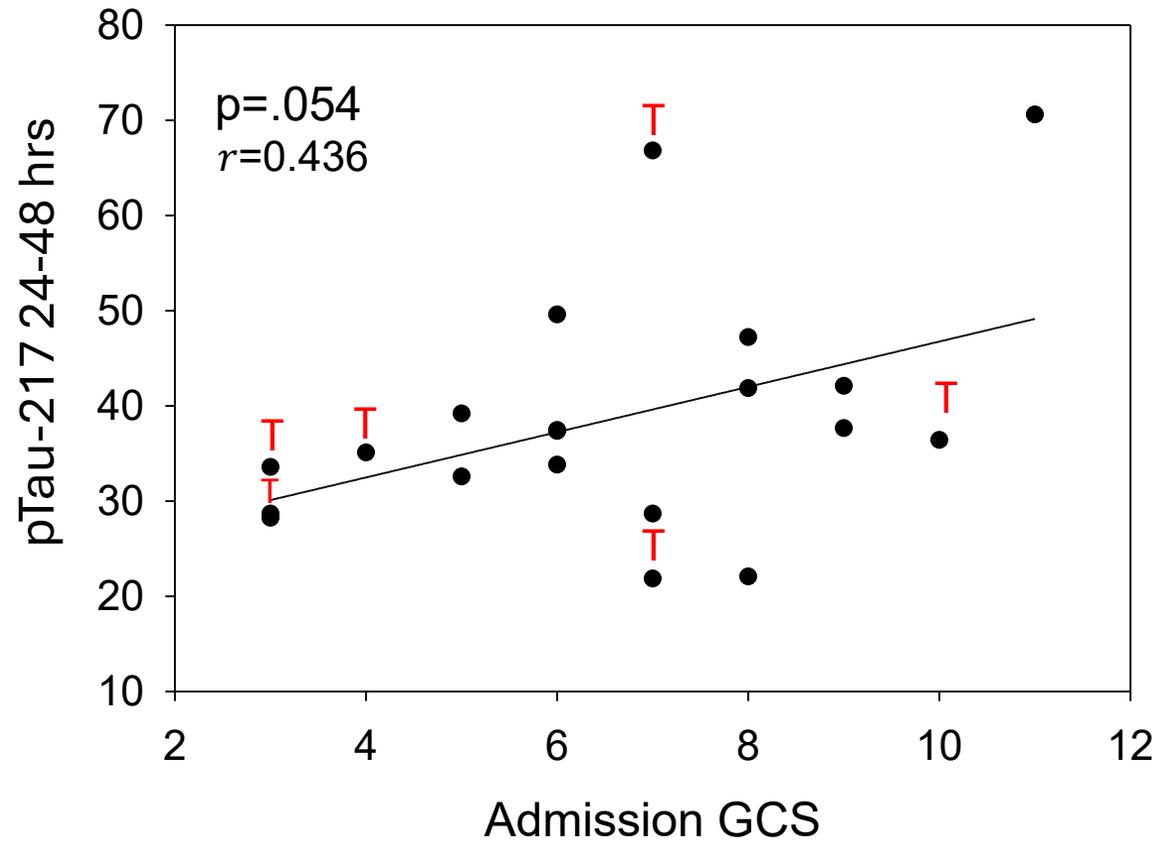


# Age vs. P-tau Levels Across Time Points with Spearman Correlation

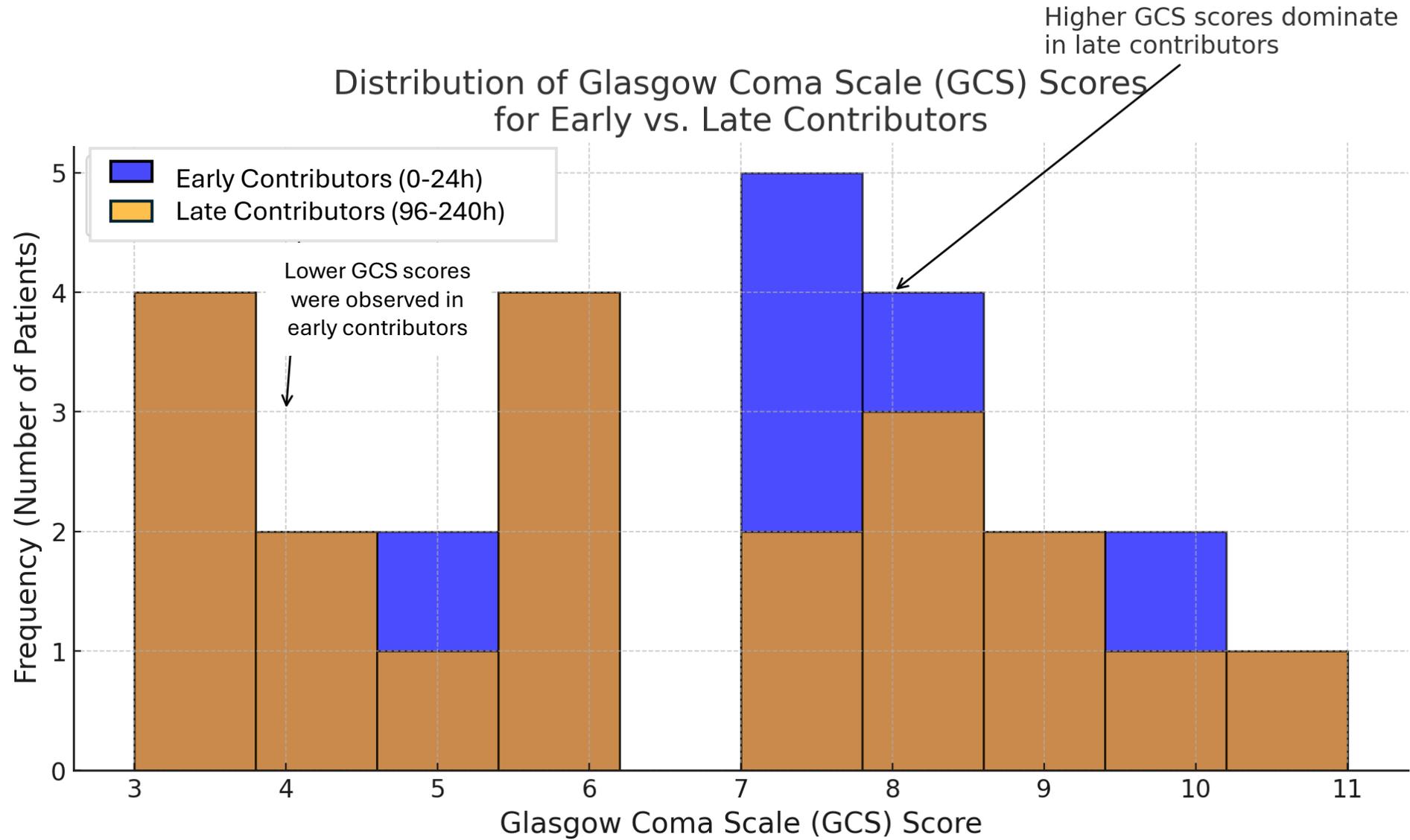


ptau-217 Levels Across Timepoints by Race with Boxplots and Individual Patient Data



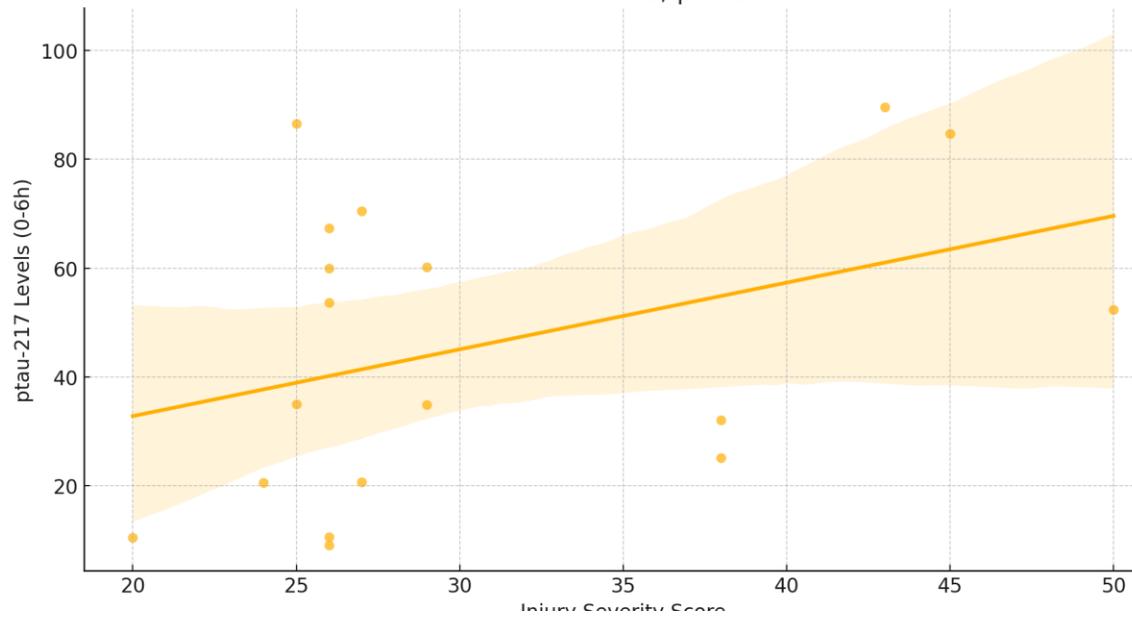


Distribution of Glasgow Coma Scale (GCS) Scores for Early vs. Late Contributors

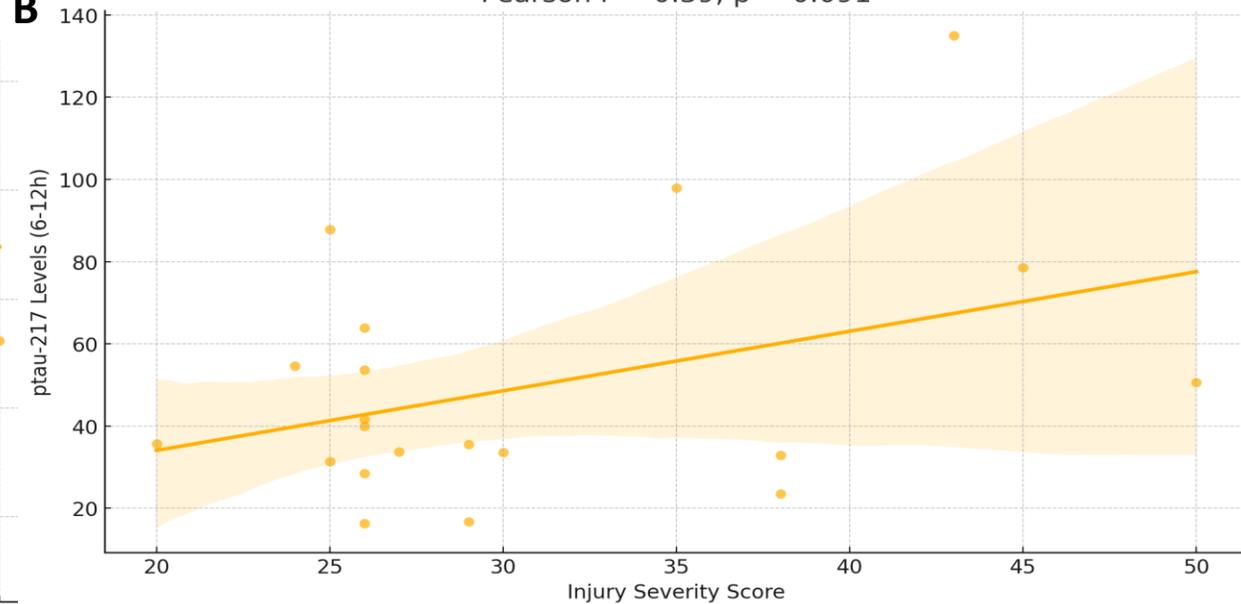


**A**

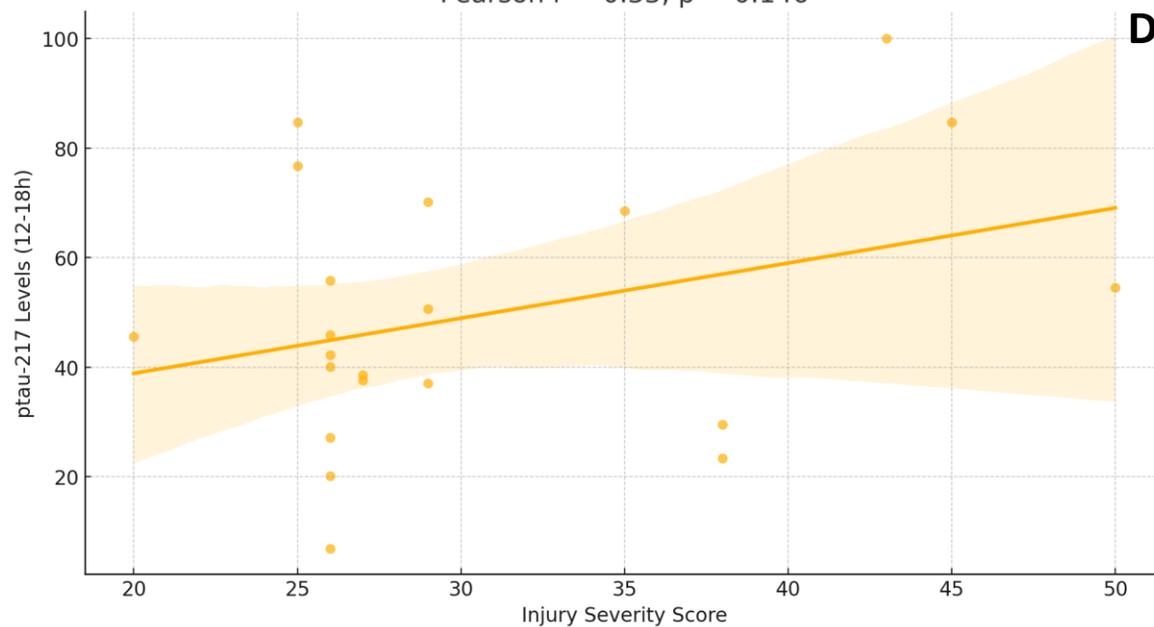
Correlation Between Injury Severity and ptau-217 Levels (0-6h)  
 Pearson  $r = 0.38$ ,  $p = 0.122$

**B**

Correlation Between Injury Severity and ptau-217 Levels (6-12h)  
 Pearson  $r = 0.39$ ,  $p = 0.091$

**C**

Correlation Between Injury Severity and ptau-217 Levels (12-18h)  
 Pearson  $r = 0.33$ ,  $p = 0.146$

**D**

Correlation Between Injury Severity and ptau-217 Levels (24-48h)  
 Pearson  $r = 0.25$ ,  $p = 0.293$

