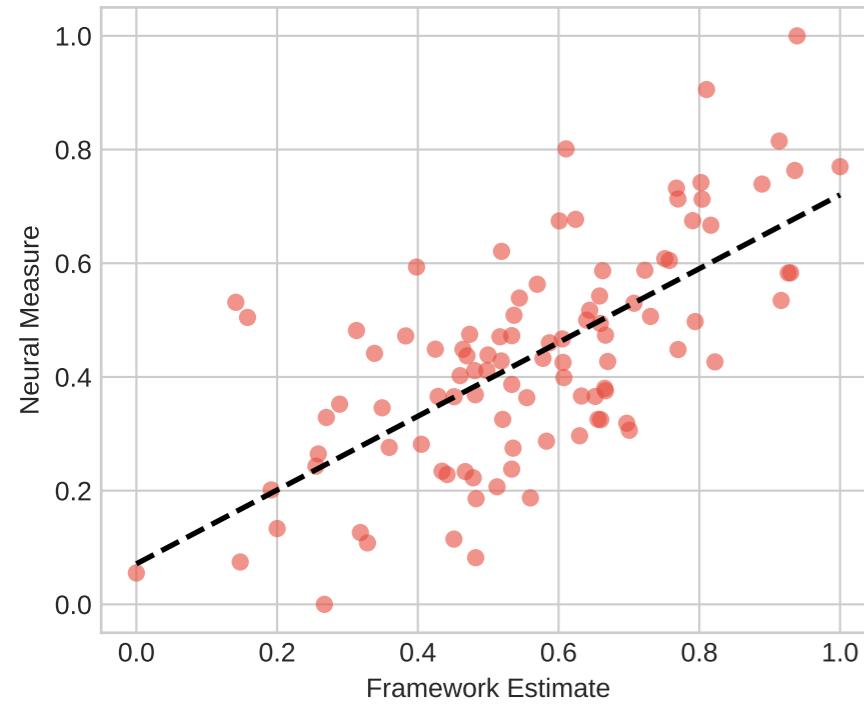
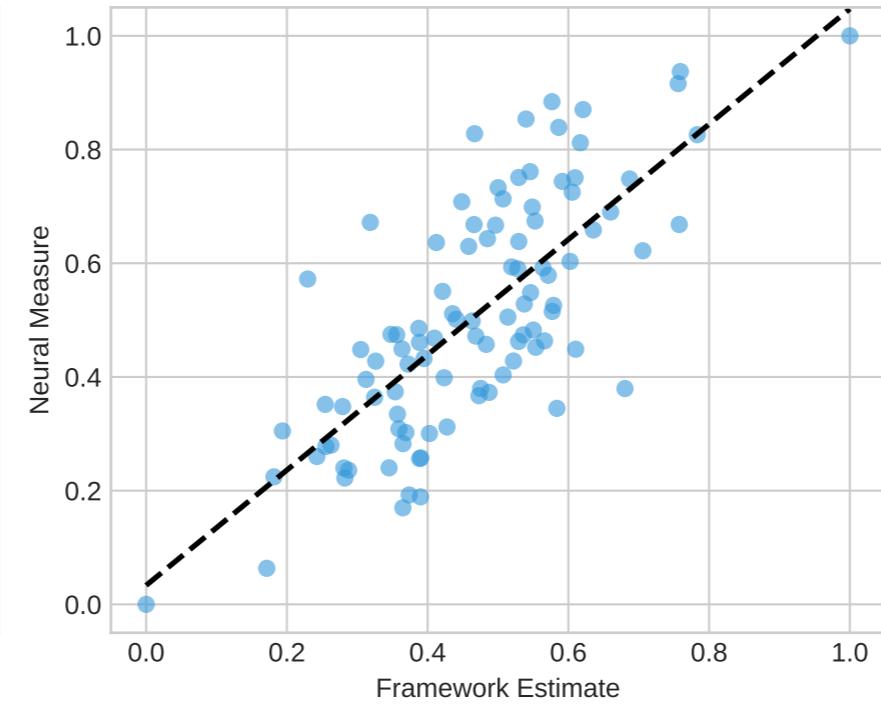


Component-Level Validation Against Neural Measures (n = 847 sessions)

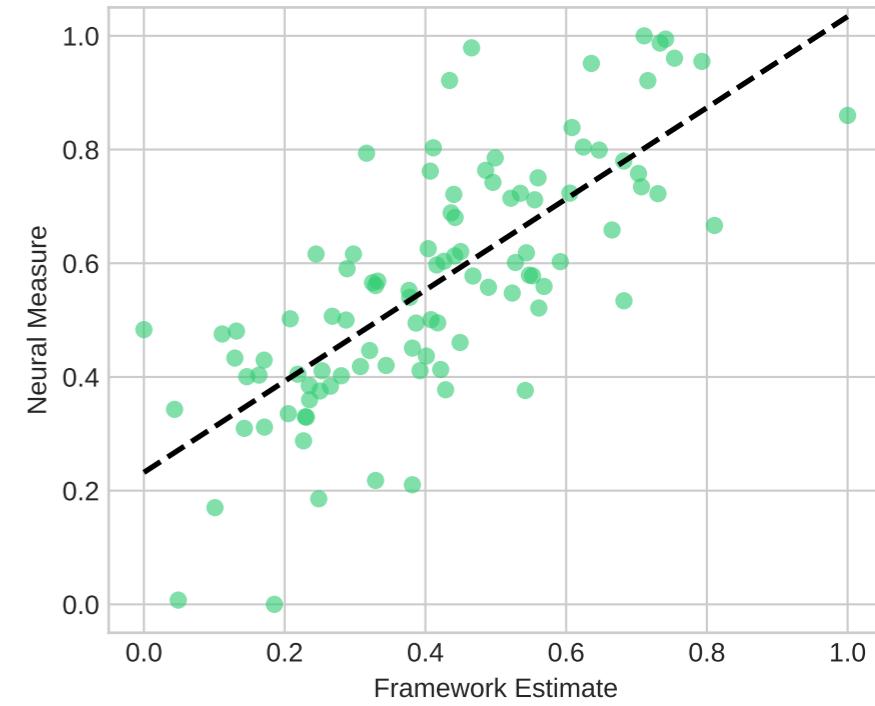
Φ vs PCI
 $r = 0.74$



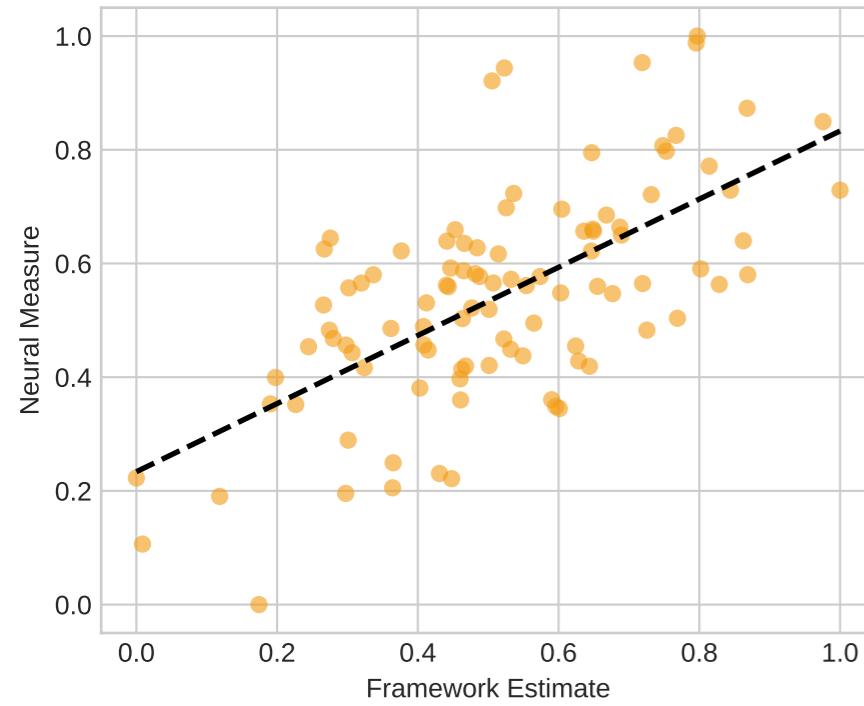
B vs Gamma
 $r = 0.68$



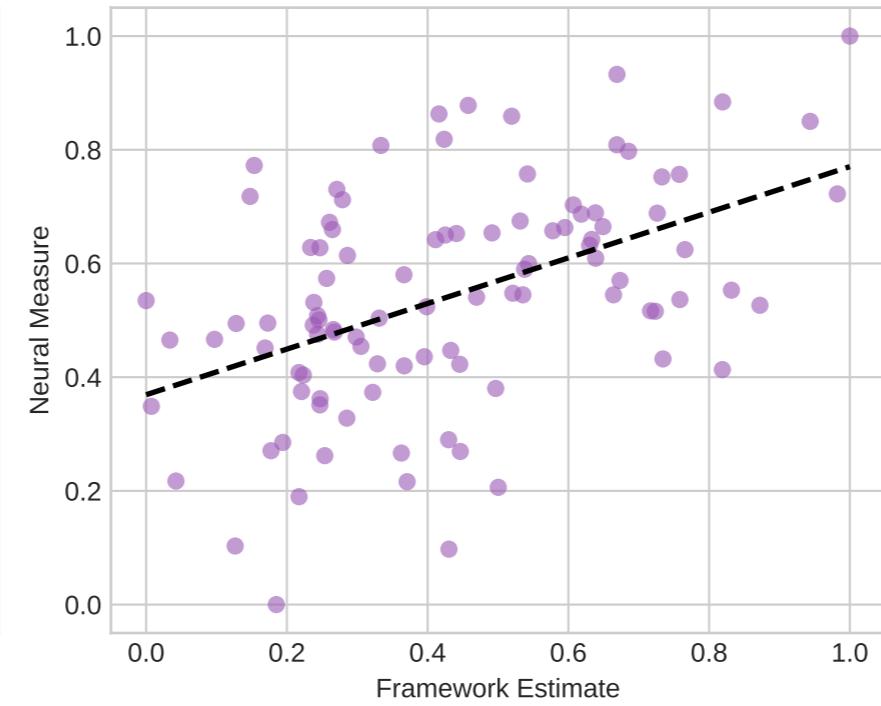
W vs P300
 $r = 0.72$



A vs Alpha ERD
 $r = 0.65$



R vs PFC Theta
 $r = 0.61$



All correlations
 $p < 0.001$
after Bonferroni
correction