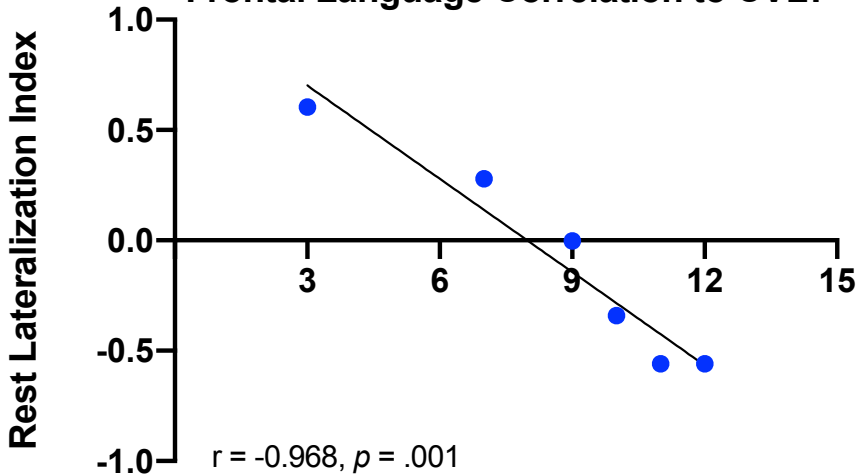
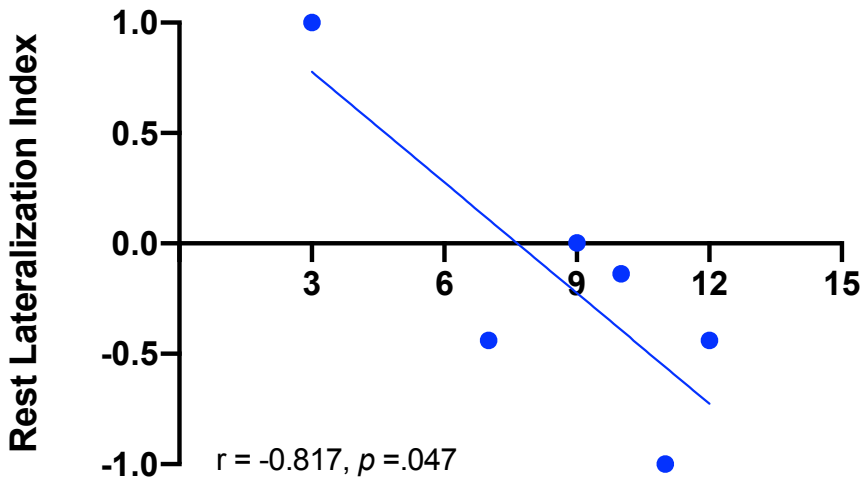


LI-Rest: FC of Anterior Hipp to Frontal Language Correlation to CVLT



CVLT Long Delay Verbal Memory Score

LI-Rest: FC of Posterior Hipp to Temporo-parietal Language Correlation to CVLT



CVLT Long Delay Verbal Memory Score

Figure 2. Left TLE Correlations between two LI-Rest measures and the California Verbal Learning Test (CVLT). Note that the full sample ($n=13$) was not able to be used because only a subset had CVLT scores. Top: LI-Rest measured as the lateralization of the functional connectivity between the anterior hippocampus and frontal language regions ($r = -0.968, p = .001$). Bottom: LI-Rest measured as the lateralization of the functional connectivity between the posterior hippocampus and temporo-parietal language regions ($r = -0.817, p = .047$). Both negative correlations signify that better verbal memory scores are associated with stronger right lateralization of hippocampal-language connectivity.