## Frontal and temporal LI values for each subject

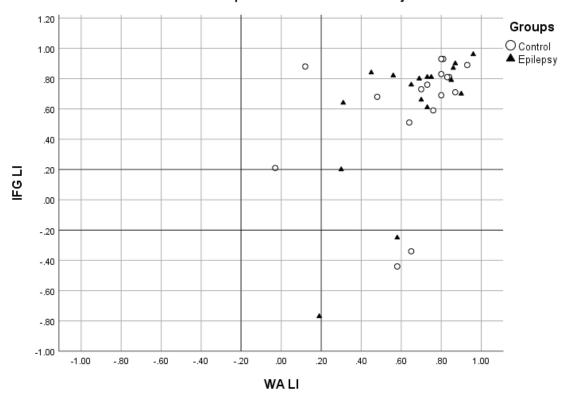


Figure 1. Scatterplot of mean LI values for each participant for inferior frontal gyrus and Wernicke's area. Thick lines represent cutoff values for each language categorization (left, bilateral, right).

## LI vs lifetime seizure duration, patients with onset before age 6.0 1.20 IFG LI WA LI ~ Linear (IFG) 1.00 Linear (WA) .80 R2 Linear = 0.454 8 .60 .40 .20 $\Box$ .00 -.40 -.60 -1.001.0

Lifetime Seizure Duration

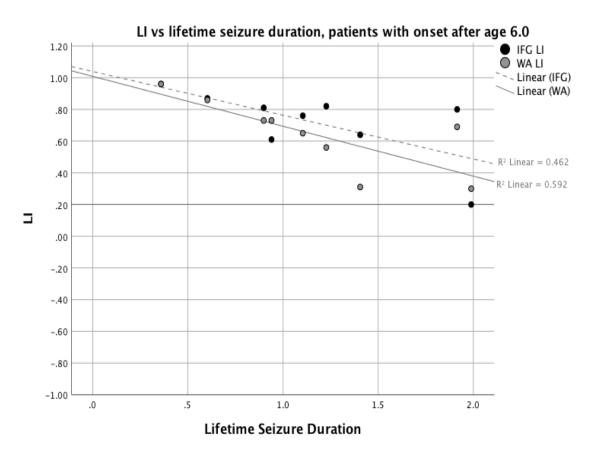


Figure 2. LI versus lifetime seizure duration for patients with seizure onset before age 6.0 (top panel) and patients with seizure onset after age 6.0 (bottom panel).