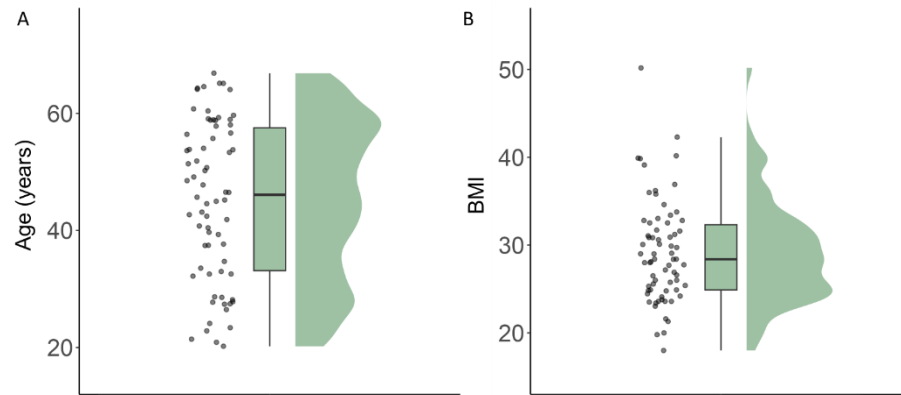
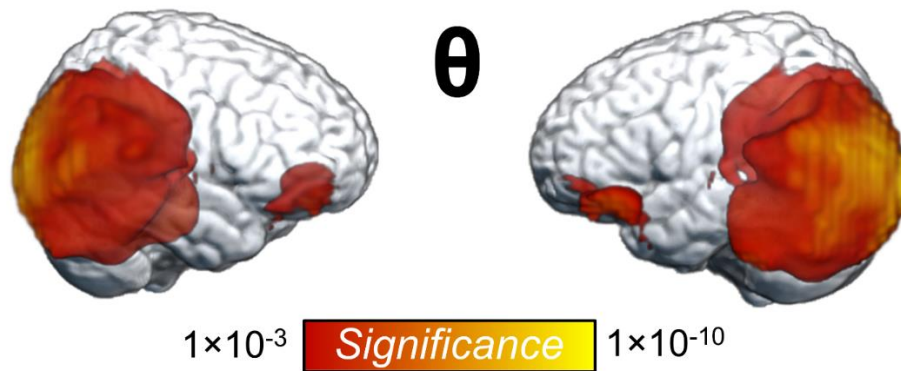


Supplementary Material:

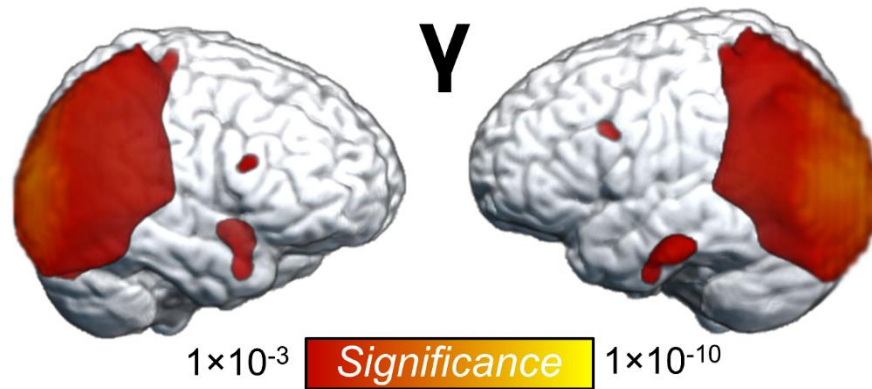
Elevated CRP and TNF- α levels are associated with blunted neural oscillations serving fluid intelligence



Supplemental Figure 1. Distributions of age and body mass index (BMI). Raincloud plots with boxplots and individual data points depicting the medians, interquartile ranges, and overall distributions for (A) age and (B) BMI, separately.

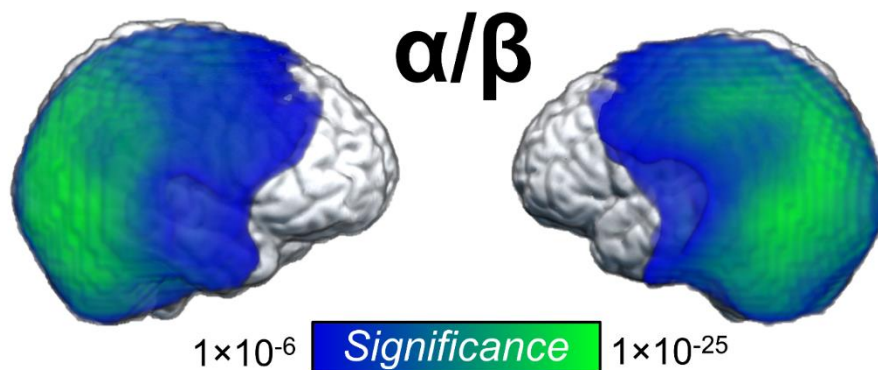


Supplemental Figure 2. Significant oscillatory theta responses during the abstract reasoning task. Whole-brain one-sample t-tests revealed significant oscillatory theta responses in the medial and lateral occipital cortices bilaterally, as well as temporo-parietal junction, inferior parietal, supramarginal gyri, and inferior frontal gyri bilaterally.



Supplemental Figure 3. Significant oscillatory gamma responses during the abstract reasoning task.

Whole-brain one-sample t-tests revealed significant oscillatory gamma responses in the bilateral medial and lateral occipital cortices, superior and inferior parietal cortices, supramarginal gyri, temporo-parietal junction, posterior temporal cortices, and bilateral prefrontal cortices.



Supplemental Figure 4. Significant oscillatory alpha/beta responses during the abstract reasoning task.

Whole-brain one-sample t-tests revealed significant oscillatory alpha/beta responses in the medial and lateral occipital cortices, cerebellar cortices, inferior and superior parietal, supramarginal gyri, and the frontal cortices bilaterally.