

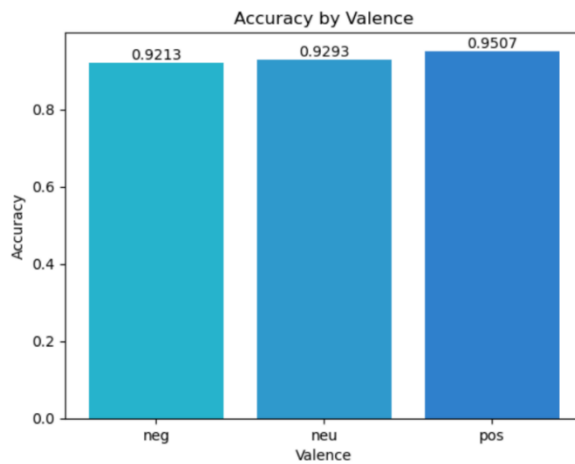
数据分析结果统计

1. Emotional Memory Task: Main Effect of Valence

Different with expected results:

Now: $neg < neu < pos$

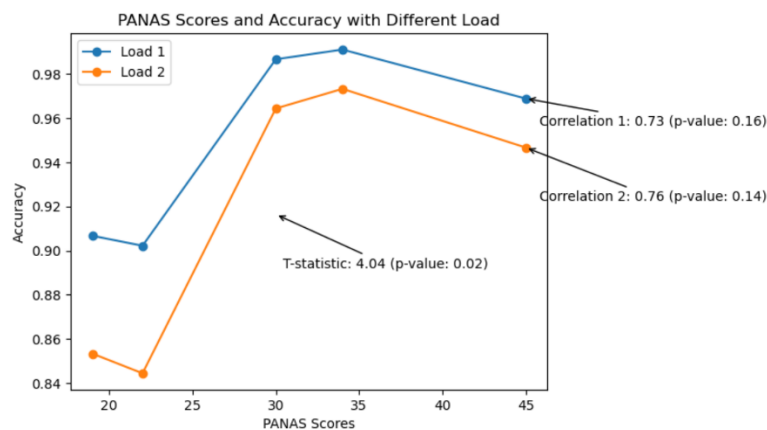
Expected: $neg < pos < neu$



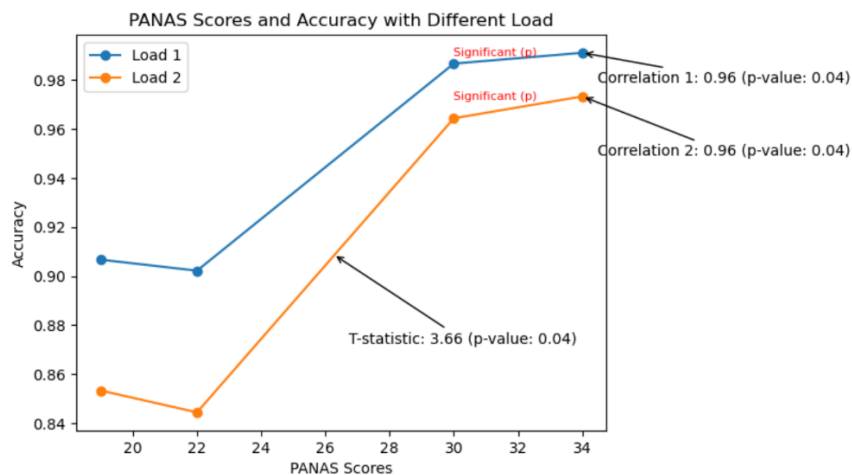
2. Emotional Memory Task-Cognitive Load

Interaction between PANAS Scores and Cognitive Load

● T-test Include Extreme Data- P value > 0.05 A little Significant



● T-test Exclude Extreme Data- P value > 0.05 Significant

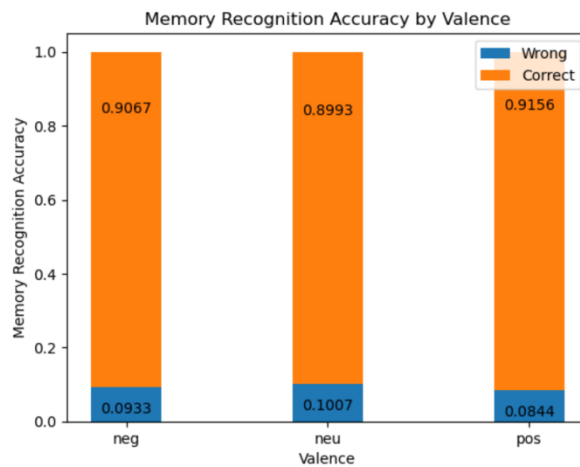


3. Memory Recognition Task: Accuracy

Different with Expected Results:

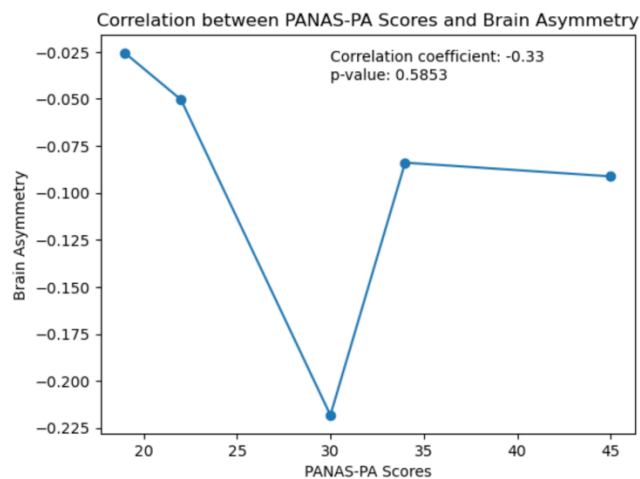
Now: neu<neg<pos

Expected: neu<pos<neg

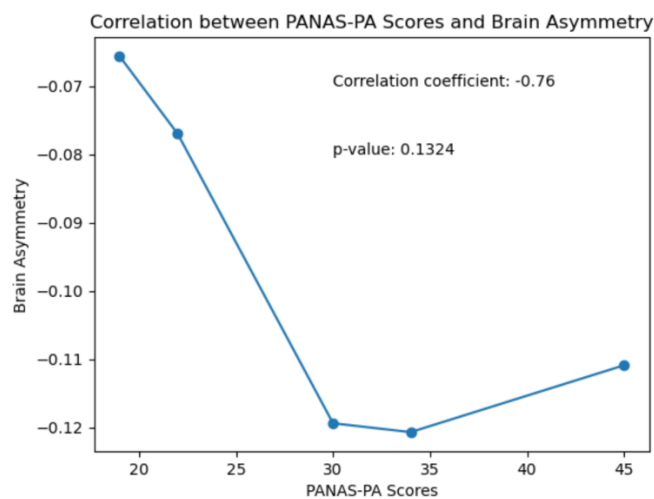


4. Affect vs Brain Asymmetry: Correlation between PANAS Scores and Brain Asymmetry

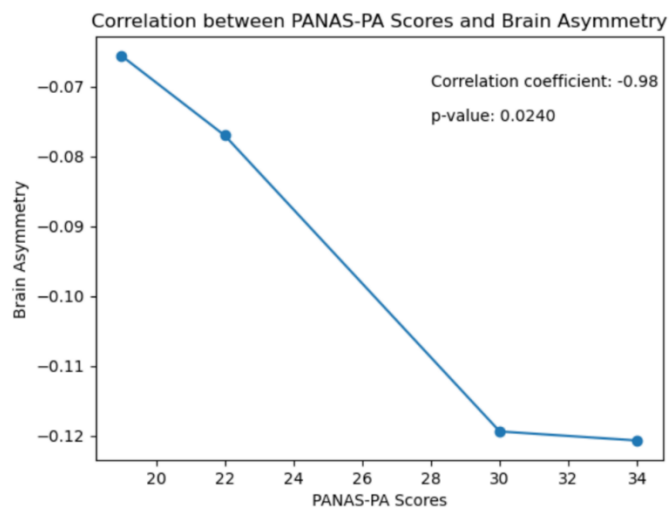
Using Average Brain Asymmetry Data- No significant



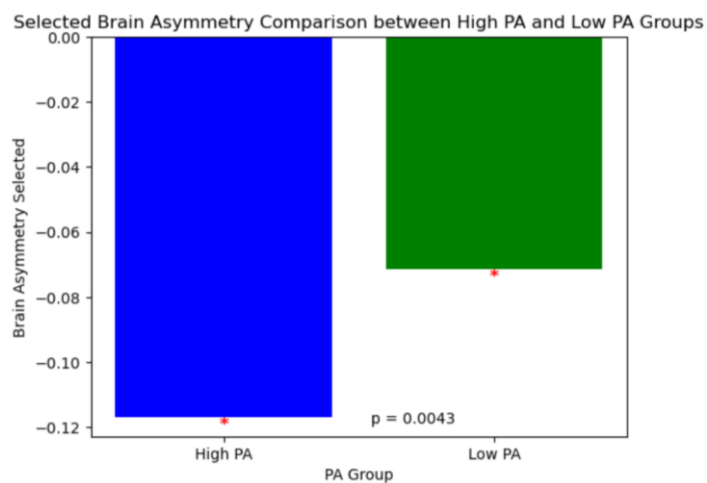
Using Selected Brain Asymmetry Data- A little significant (Better)



Using Selected Brain Asymmetry Data and Exclude Extreme Data- Significant



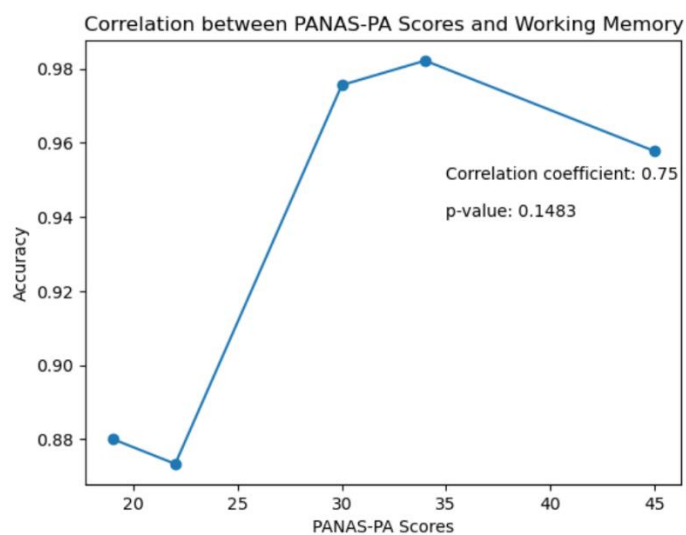
Group



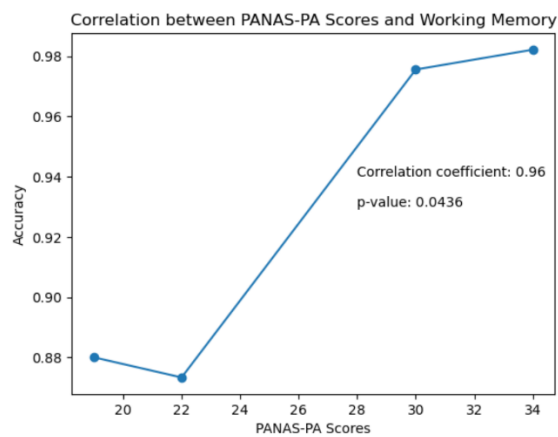
5. Affect vs Working Memory:

Correlation between PANAS Scores and Working Memory in Emotional Memory Task

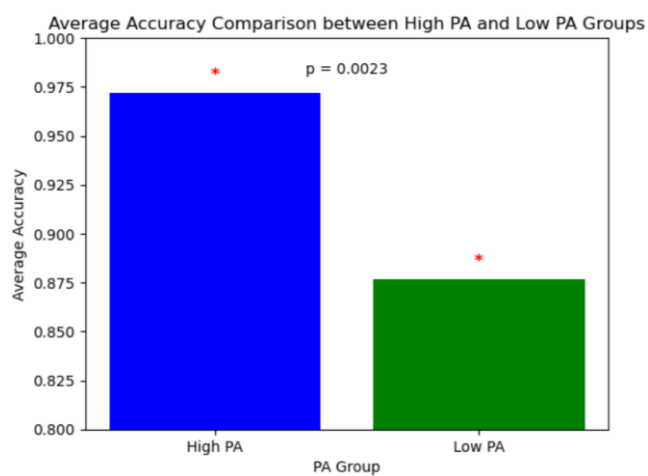
- Include Extreme Data- A little significant.



- Exclude Extreme Data - Significant



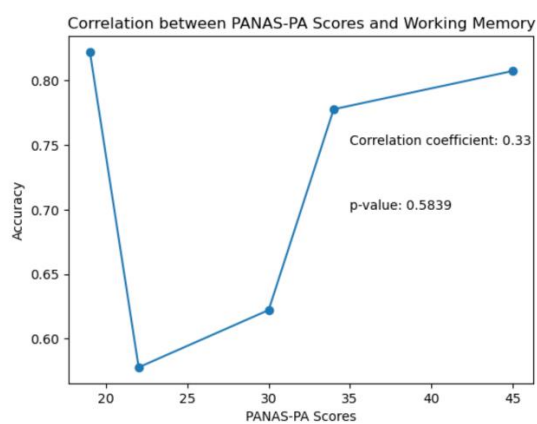
Group



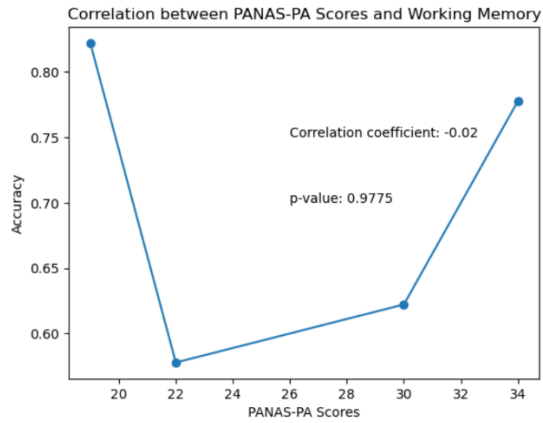
7. Affect vs Working Memory:

Correlation between PANAS Scores and Working Memory
in Surprise Recognition Memory Task

- Include Extreme Data - A little significant.



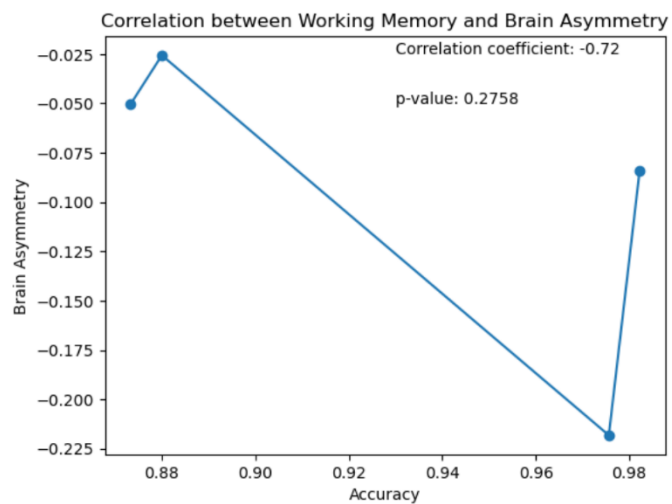
- Exclude Extreme Data - Significant



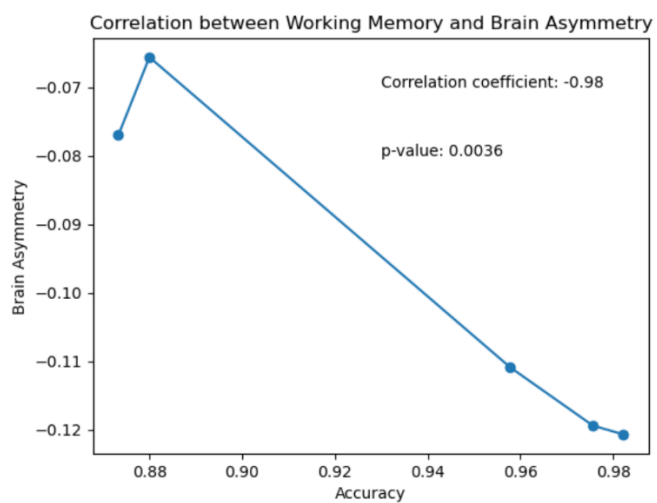
8. Working Memory vs Brain Asymmetry

Correlation between Working Memory and Brain Asymmetry in Emotional Memory Task

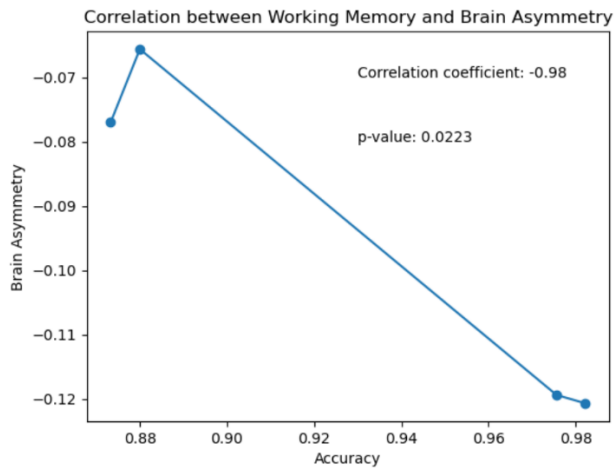
- Using Average Brain Asymmetry Data- A little Significant



- Using Selected Data- Significant



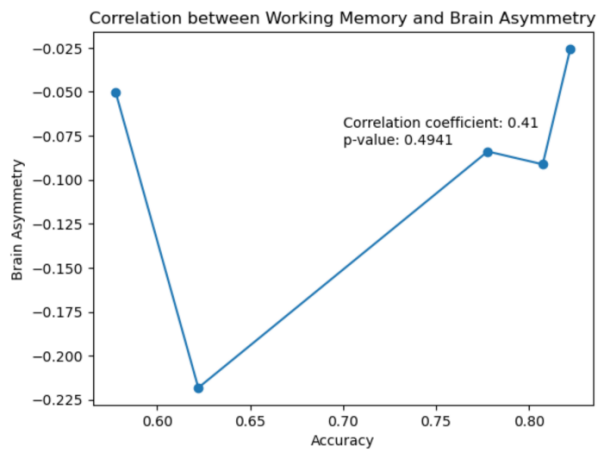
- Using Selected Data and Exclude Extreme data- Significant.



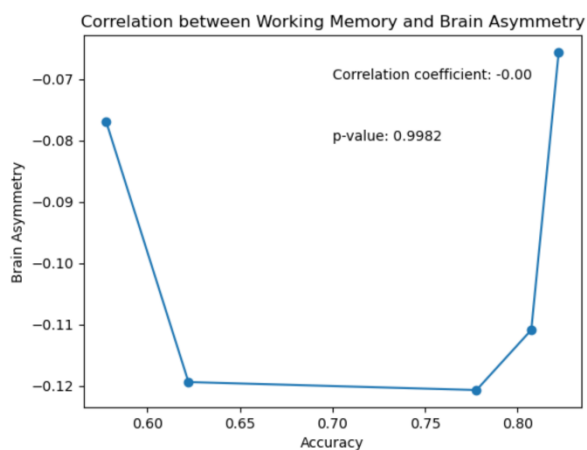
9. Working Memory vs Brain Asymmetry

Correlation between Working Memory and Brain Asymmetry
in Surprise Memory Recognition Task

Using Average brain asymmetry data- No significant



Using Selected brain asymmetry data- No significant



Using Selected brain asymmetry data & Exclude Extreme data- No significant

