

# GPT-4 Facial Emotion Analysis

## Summary of Hypothesis Tests

H1 - One-sample t-test (vs 80%)

Stat: -7.927, P-value: 0.0000 --> Significant

H2 - Paired t-test (upright vs inverted)

Stat: 9.940, P-value: 0.0000 --> Significant

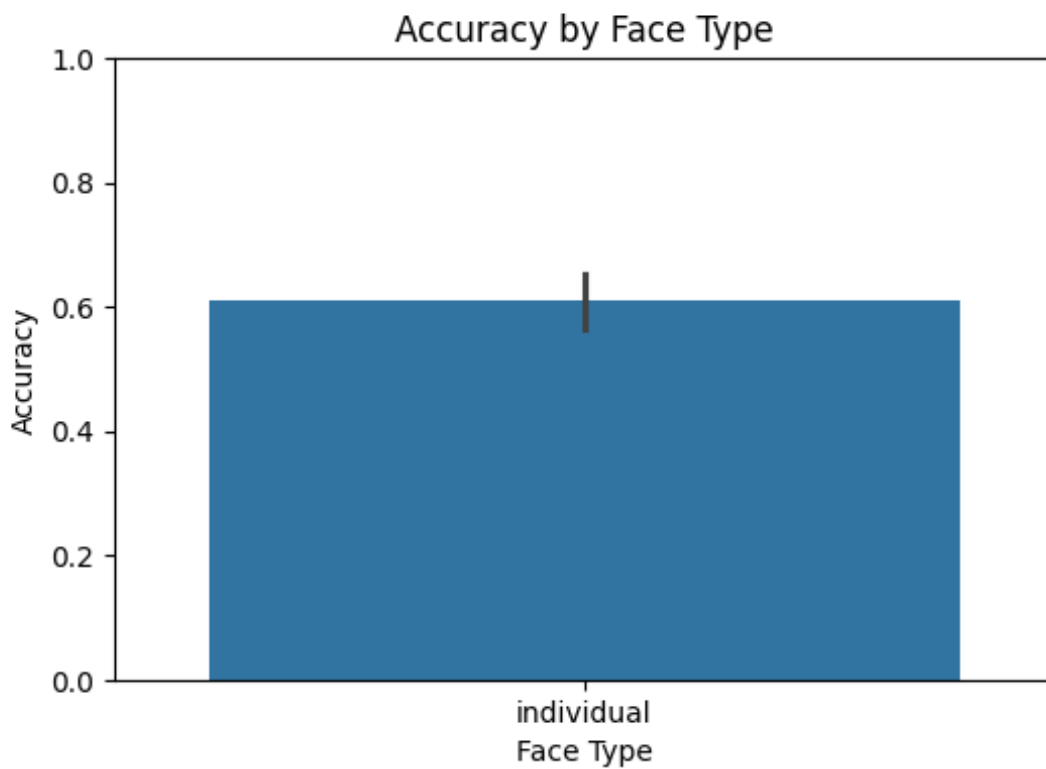
H3 - Independent t-test (individual vs matrixed)

Stat: nan, P-value: nan --> Not Significant

H4 - Chi-square test (matrix vs chance)

Stat: nan, P-value: nan --> Not Significant

## Visualizations



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