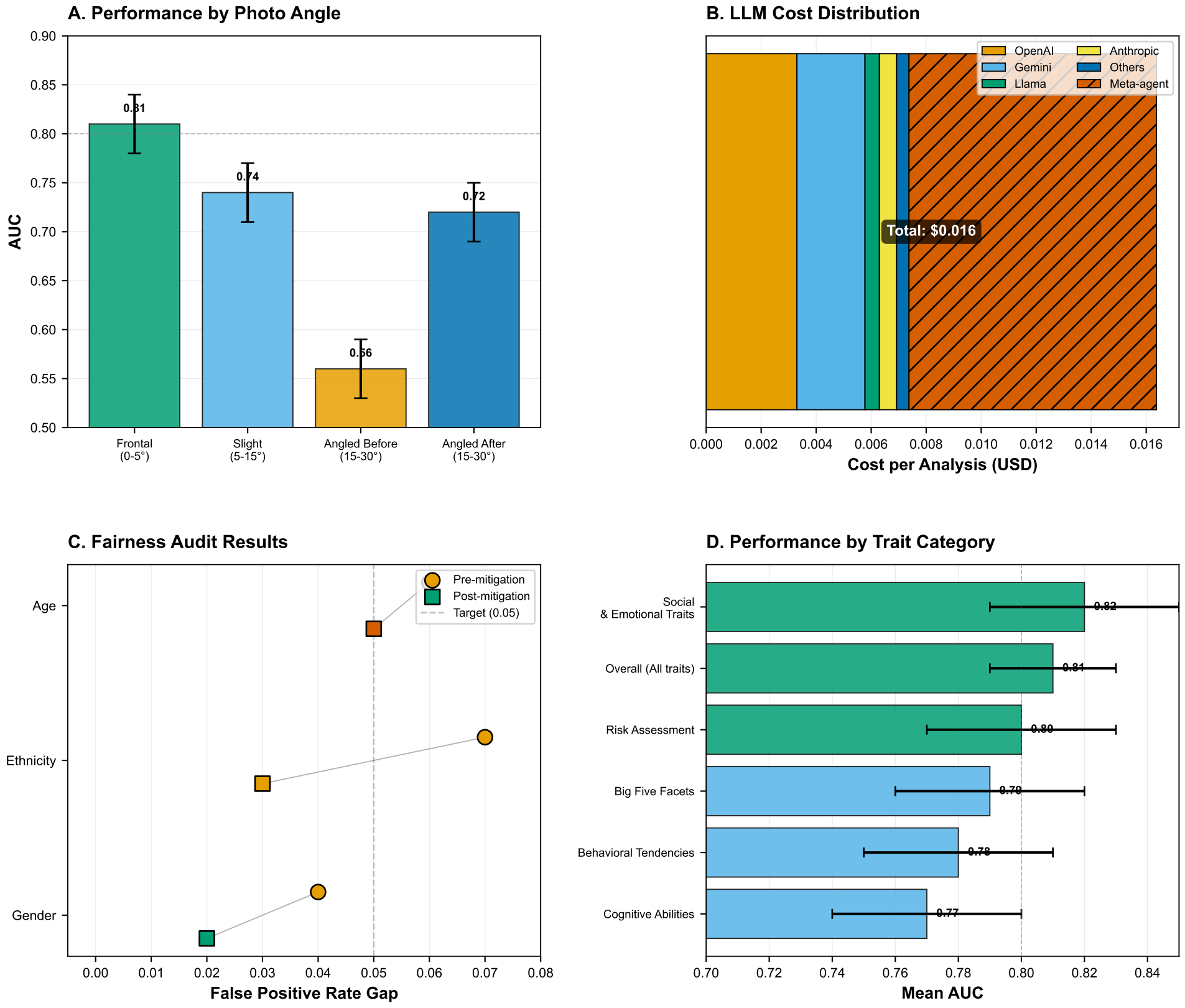
A. Performance by Photo Angle
AUC
0.90
0.85
0.80
0.75
0.70
0.65
0.60
0.55
0.50
0.81
0.74
0.56
0.72
Frontal (0-5°)
Slight (5-15°)
Angled Before (15-30°)
Angled After (15-30°)
B. LLM Cost Distribution
OpenAI
Anthropic
Gemini
Others
Llama
Meta-agent
Total: $0.016
0.000
0.002
0.004
0.006
0.008
0.010
0.012
0.014
0.016
Cost per Analysis (USD)
C. Fairness Audit Results
Pre-mitigation
Post-mitigation
Target (0.05)
Age
Ethnicity
Gender
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
False Positive Rate Gap
D. Performance by Trait Category
Social & Emotional Traits
Overall (All traits)
Risk Assessment
Big Five Facets
Behavioral Tendencies
Cognitive Abilities
0.82
0.81
0.80
0.79
0.78
0.77
0.70
0.72
0.74
0.76
0.78
0.80
0.82
0.84
Mean AUC