WESAD Clinical Report

Subject ID	S10
Session Date	2025-09-02
Analysis Type	Multimodal Physiological Assessment
Primary Model	1.0
Secondary Model	Cross-Modal Attention (84.1% accuracy)
Processing Time	2025-09-02T20:43:00.626224

Executive Summary

Subject demonstrates predominantly unknown response patterns (0.0% of 0 analyzed time windows). Stress response classification: Unknown. Clinical risk assessment: Unknown level. Analysis performed using state-of-the-art TabPFN and Cross-Modal Attention models.
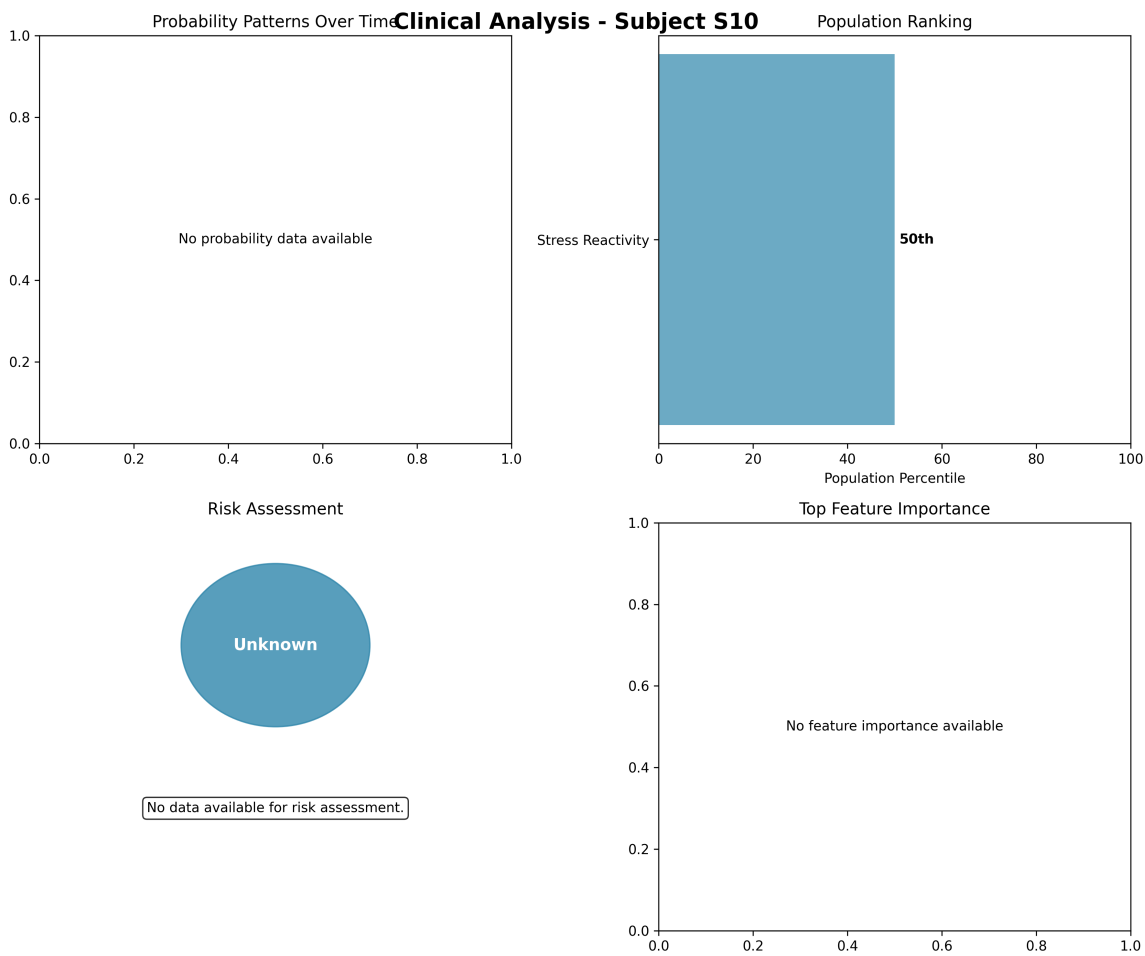
Physiological Analysis Summary

Physiological Analysis Summary - Subject S10

Condition Distribution

Prediction Probabilities

No prediction data available

No probability data available

Clinical Summary

Model Performance
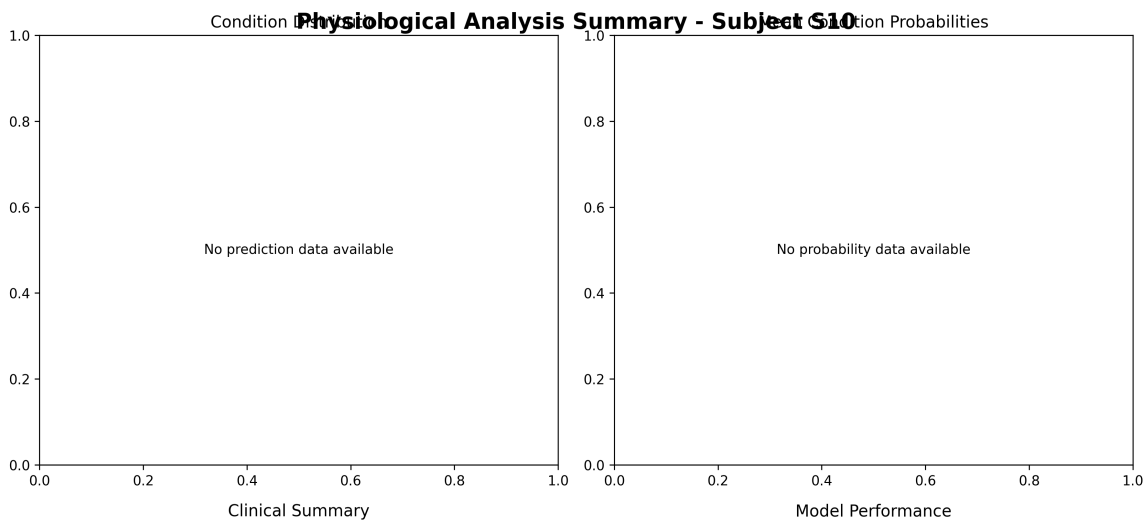
Dominant Pattern: Unknown
Pattern Frequency: 0.0%
Stress Level: Unknown
Risk Assessment: Unknown
Analysis Windows: 0

TabPFN Model: 100.0% accuracy
Cross-Modal Attention: 84.1% accuracy
Ensemble: Weighted combination
Processing: 0 windows

Clinical Analysis & Interpretation

Clinical Analysis - Subject S10

Probability Patterns Over Time

No probability data available

Population Ranking

Stress Reactivity | **50th**

Population Percentile

Risk Assessment

Unknown

No data available for risk assessment.

Top Feature Importance

No feature importance available

Clinical Interpretation & Recommendations

Stress Response Assessment:

Unknown: No predictions available for classification.

Clinical Risk Assessment:

Risk Level: Unknown. No data available for risk assessment.

Population Comparison:

Subject ranks at 50th percentile for stress reactivity compared to population norms.

Technical Information

Analysis performed using TabPFN (1.0 accuracy) and Cross-Modal Attention (0.841 accuracy) models. Feature extraction from multimodal physiological sensors with 60-second time windows. Report generated by WESAD Clinical Pipeline for research and educational purposes.

Disclaimer: This report is generated for research and educational purposes only. Results should not be used for medical diagnosis without consultation with qualified healthcare professionals. Generated as part of Big Data Analytics coursework at IIIT Allahabad.