



### Summary Statistics

| Metric        | DEAP      | SAM-40    | WESAD |
|---------------|-----------|-----------|-------|
| Total Samples | 1,280     | 1,600     | 225   |
| Accuracy (%)  | 94.7      | 78.0      | 100.0 |
| AUC-ROC       | 0.982     | 0.780     | 1.000 |
| Cohen's d     | 2.18      | 0.91      | ---   |
| Best Feature  | Beta      | Alpha     | Beta  |
| Challenge     | Emotional | Cognitive | Acute |