

A. PERSONA CONDITIONING

Professional Role

- ED Physician
- ED Nurse
- Helpful Assistant
- No Persona (Baseline)



Interaction Style

- Cautious
- Bold



B. CLINICAL DECISION TASKS

Patient Triage Queries

- Urgency Classification
- Clinician Facing
- Discrete Label Outputs



Patient Safety Queries

- Care Recommendations
- Patient Facing
- Free Form Outputs



C. EVALUATION DIMENSIONS

Metric Based

- Accuracy
- Calibration (ECE)
- Consistency Rate
- Risk Propensity
- Risk Sensitivity



Preference Based

- LLM Judge Rankings
- Clinicians Preference

