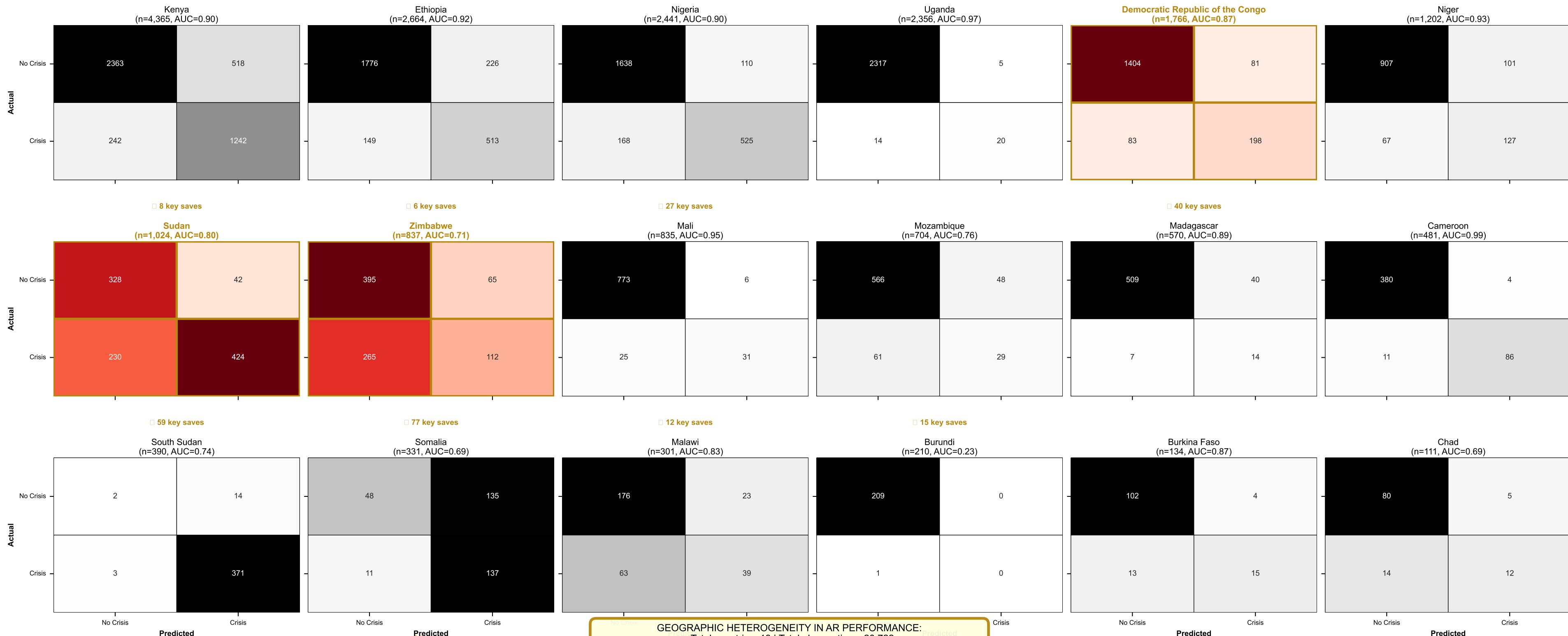


Country-Level AR Baseline Performance: Confusion Matrices Across 18 African Countries

n=20,722 observations | Gold boxes: Top 3 key saves countries (Zimbabwe: 77, Sudan: 59, DRC: 40)
AR baseline perfect FP=FN balance globally, but geographic heterogeneity reveals context-specific performance



GEOGRAPHIC HETEROGENEITY IN AR PERFORMANCE:

- Total countries: 18 | Total observations: 20,722
- Top 3 countries (Zimbabwe, Sudan, DRC) concentrate 70.7% of key saves (176/249)
 - AUC range: 0.23 to 0.99 (reflects context variation)
 - FN distribution: AR failures concentrated in rapid-onset conflict zones
- Strategic insight: Context-specific performance validates selective cascade deployment