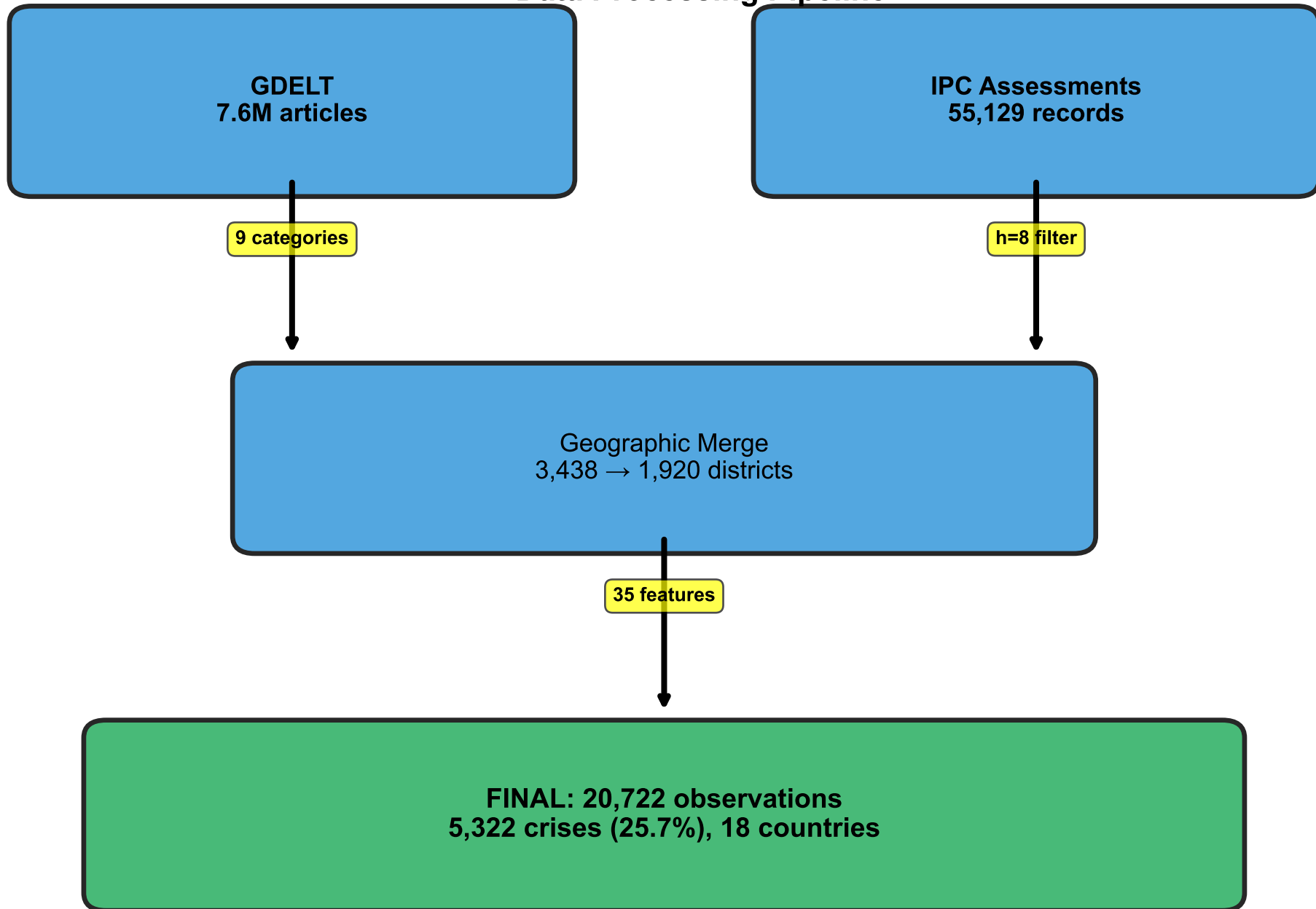


Data Processing Pipeline



*Data sources: GDELT Global Knowledge Graph (7.6M articles, 2021-2024) + IPC Cadre Harmonise assessments (55,129 district-period records).
Final dataset: 20,722 observations after h=8 forecast filtering, covering 18 countries and 1,920 unique districts (filtered from 3,438 raw IPC districts).
Crisis rate: 5,322 crises (25.7%). Geographic scope: Sub-Saharan Africa (18 countries with sufficient IPC coverage).*