Data Extraction Tool for Eligible Studies that Have Utilized ML Algorithms to Strengthen HIV Testing

(a) Characteristics of the Included Studies

First Author, Year	Country	Title	Population	Sample Size	Study type / Data Source	Study design

(b) Types of ML Types of ML Interventions Used to Strengthen HIV Testing.

First Author, Year	Country	Types of ML algorithm applied	Problem/ Type of Intervention	Key findings

(c) Successes, Opportunities, Obstacles, Evaluation and Future Directions

First Author, Year	Country	Types of ML algorithm applied	Max Accuracy/ Metrics	Success/ Strengths	Limitations/Gaps	Future directions