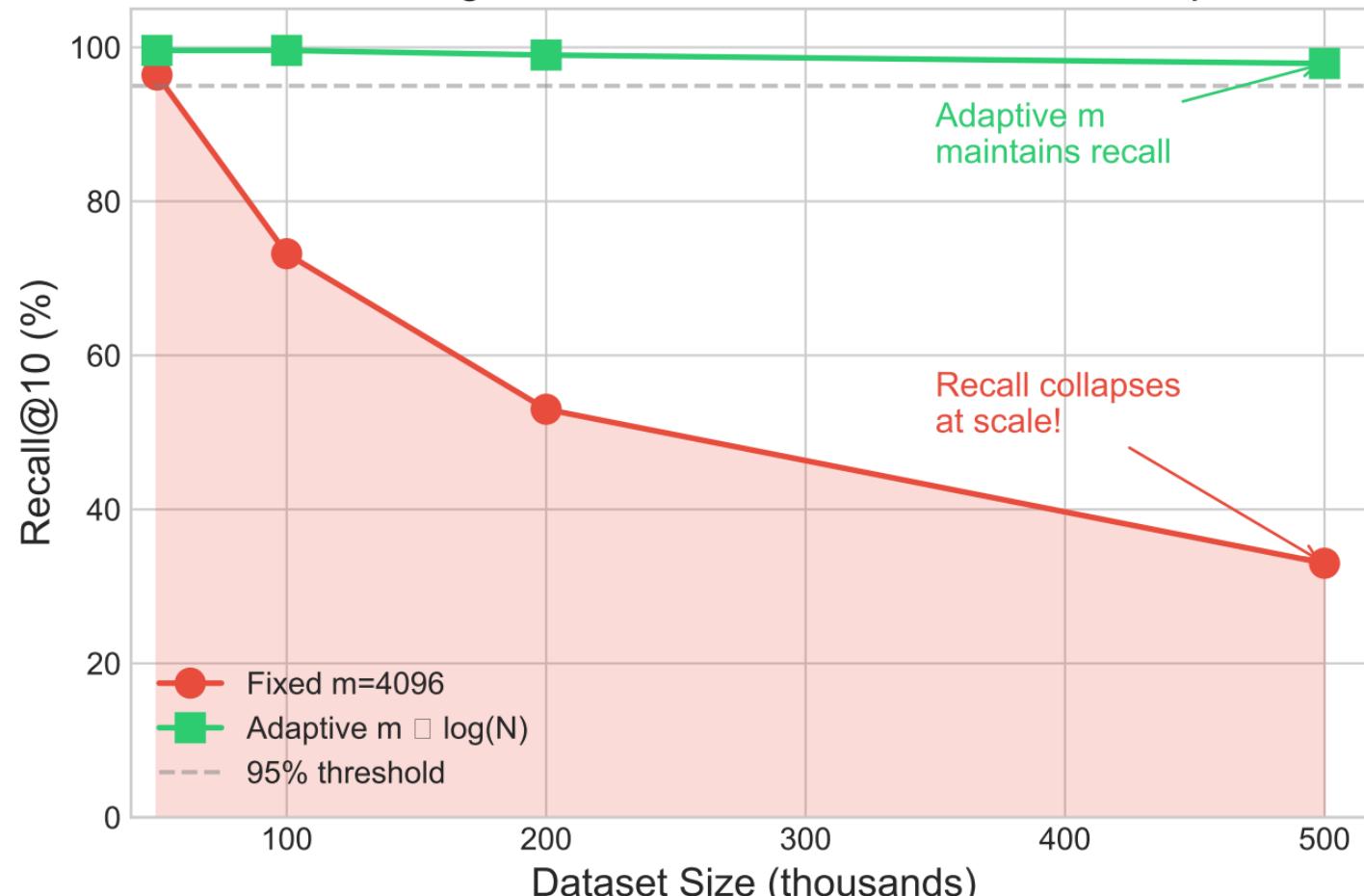


The Scaling Wall: Fixed m Causes Recall Collapse



Information-Theoretic Bound: $m \geq C \cdot L^2 \cdot \log(N) / (\Delta^2 K)$

