Comparative cost and preferred method

After two topic solves, each full personalized vector costs $O(N)$ mixing operations. For M users, independent iterative computation costs $O(Mt(E+N))$, while basis reuse costs $O(2t(E+N)+MN)$ and $2N$ stored scores. If only a few coordinates are requested, output work can be reduced accordingly. Conventional topic-sensitive PageRank already exploits this identity; the proof supplies its exact applicability conditions.