

BU

Range Queries and LSM-trees: From Foes to Friends

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LSM Background

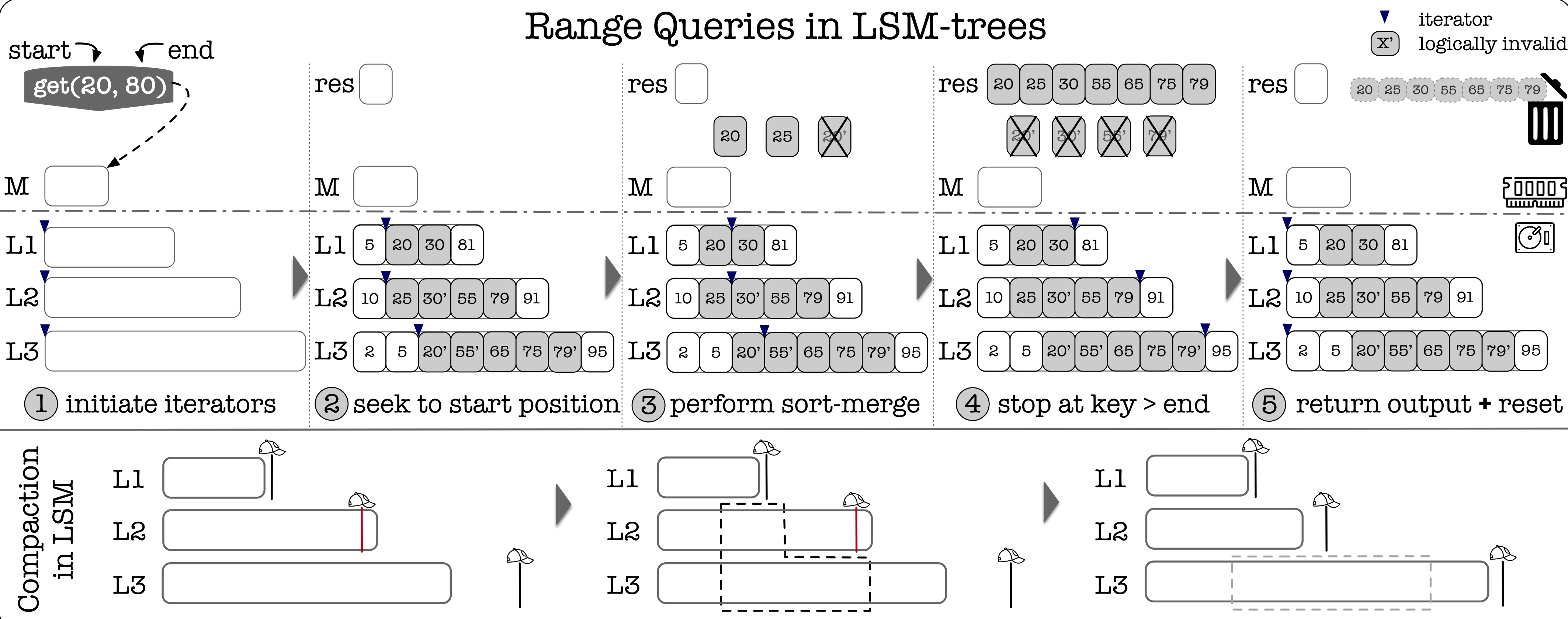
LSMs are Everywhere

fast ingestion + competitive lookup

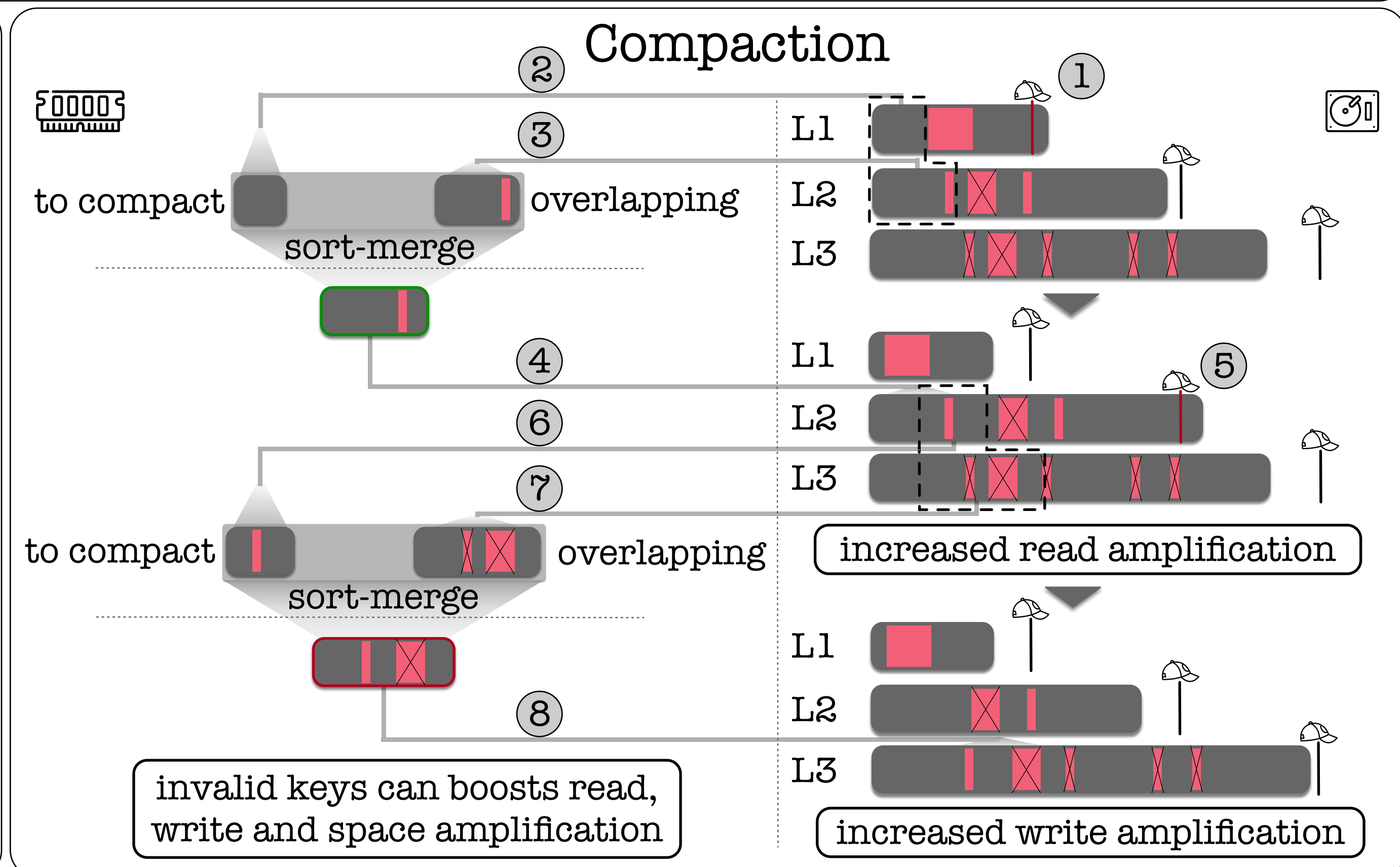
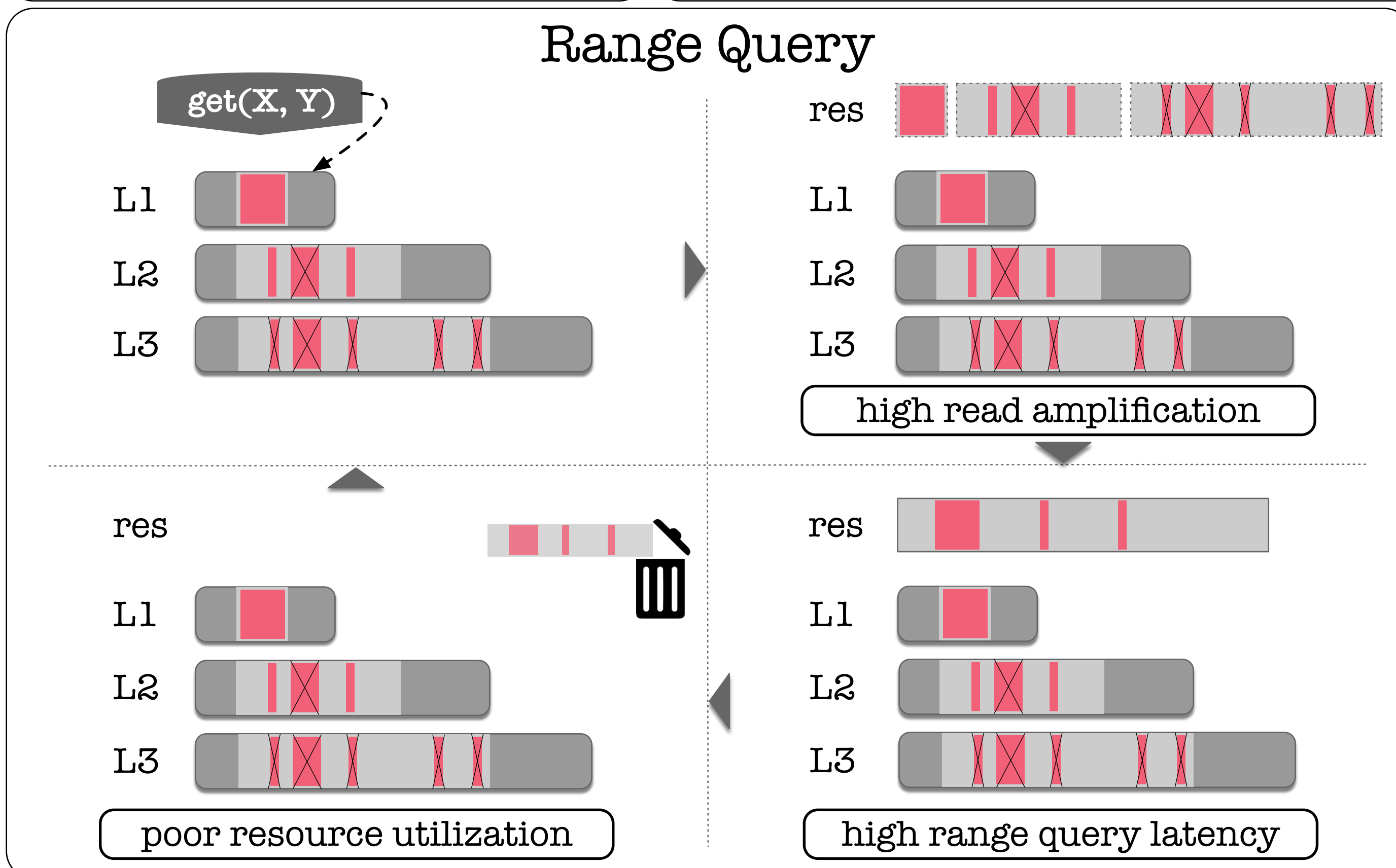


How do LSMs realize Range Query

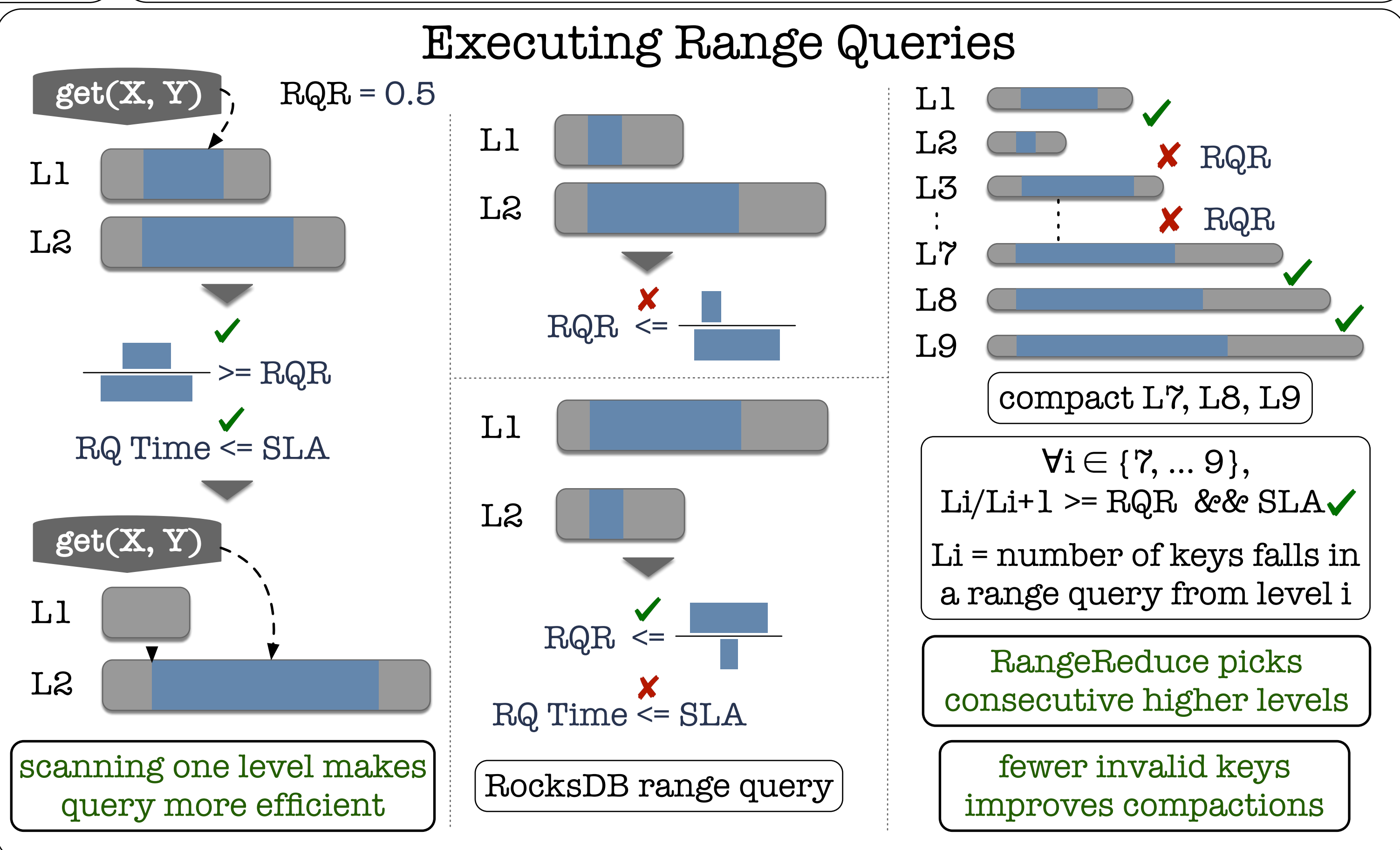
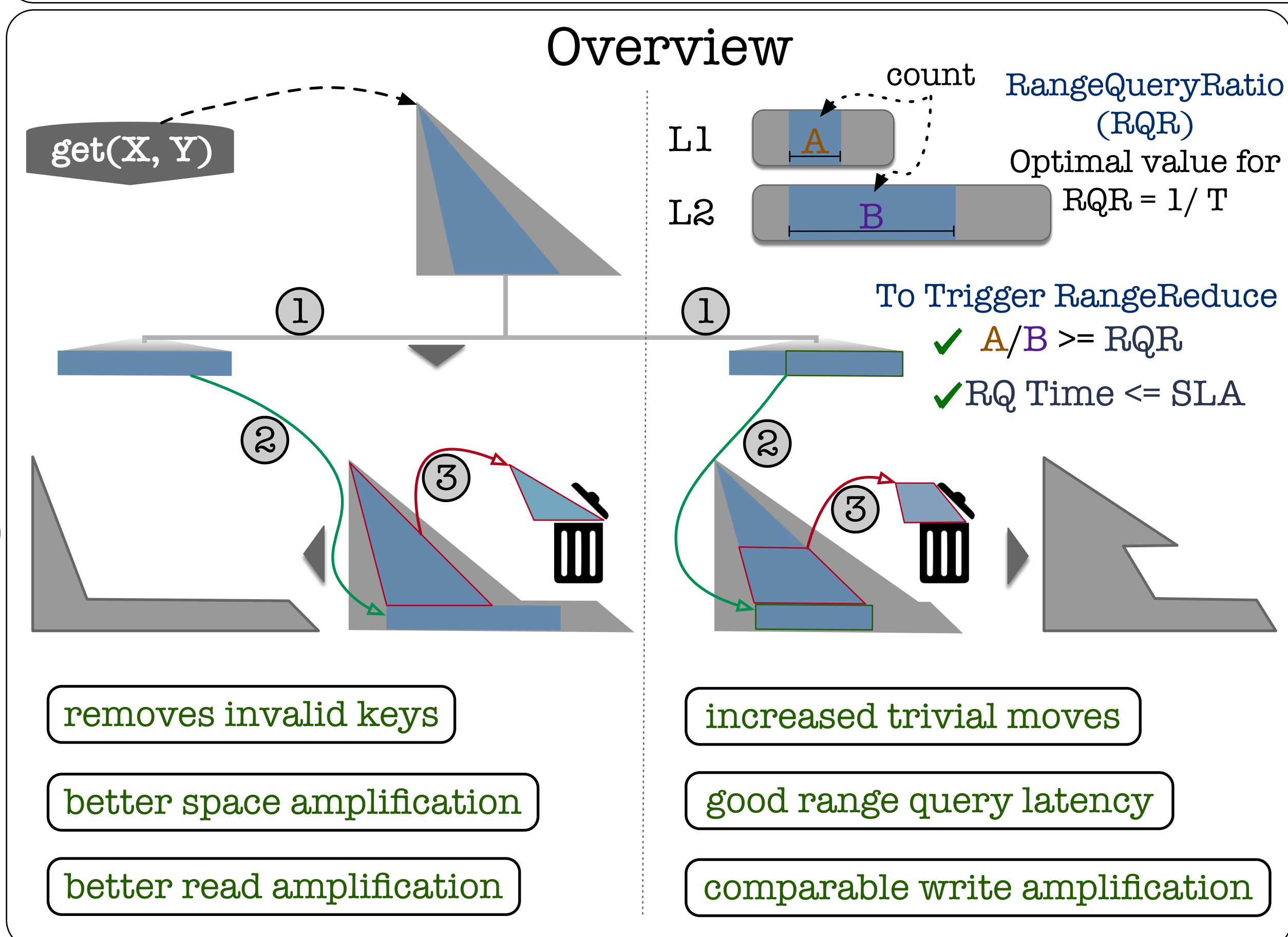
Why they need a lot of computational resources



Problem



RangeReduce



Evaluation

