

query A

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=====
EXPLAIN
SELECT DISTINCT B.zip
FROM   AddressRange A, AddressRange B
WHERE  A.zip = 63103 AND B.zip <> 63103 AND
       A.TLID = B.TLID;
```

tiger1 (time 6591.026 ms)

QUERY PLAN

```
-----
Unique (cost=164887.31..164945.90 rows=598 width=4)
-> Sort (cost=164887.31..164916.61 rows=11718 width=4)
    Sort Key: b.zip
    -> Merge Join (cost=159722.43..164095.38 rows=11718 width=4)
        Merge Cond: ("outer".tlid = "inner".tlid)
        -> Sort (cost=18797.77..18801.07 rows=1319 width=4)
            Sort Key: a.tlid
            -> Seq Scan on addressrange a (cost=0.00..18729.41 rows=1319 width=4)
                Filter: (zip = 63103)
        -> Sort (cost=140924.66..143049.25 rows=849835 width=8)
            Sort Key: b.tlid
            -> Seq Scan on addressrange b (cost=0.00..18729.41 rows=849835 width=8)
                Filter: (zip <> 63103)
```

tiger2 (time 2267.584)

QUERY PLAN

```
-----
Unique (cost=46854.62..46906.26 rows=589 width=4)
-> Sort (cost=46854.62..46880.44 rows=10329 width=4)
    Sort Key: b.zip
    -> Nested Loop (cost=0.00..46165.96 rows=10329 width=4)
        -> Seq Scan on addressrange a (cost=0.00..18729.41 rows=1332 width=4)
            Filter: (zip = 63103)
        -> Index Scan using addressrange_primary on addressrange b (cost=0.00..20.54 rows=5 width=8)
            Index Cond: ("outer".tlid = b.tlid)
            Filter: (zip <> 63103)
```

tiger3 (time 98.785)

QUERY PLAN

```
-----
Unique (cost=26177.44..26221.18 rows=628 width=4)
-> Sort (cost=26177.44..26199.31 rows=8749 width=4)
    Sort Key: b.zip
    -> Nested Loop (cost=0.00..25604.60 rows=8749 width=4)
        -> Index Scan using zip_index on addressrange a (cost=0.00..4322.29 rows=1249 width=4)
            Index Cond: (zip = 63103)
        -> Index Scan using addressrange_primary on addressrange b (cost=0.00..16.99 rows=4 width=8)
            Index Cond: ("outer".tlid = b.tlid)
            Filter: (zip <> 63103)
=====
```