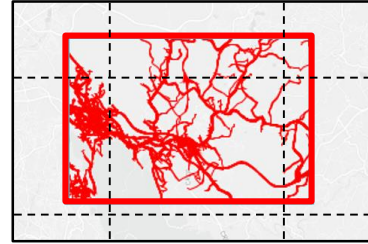


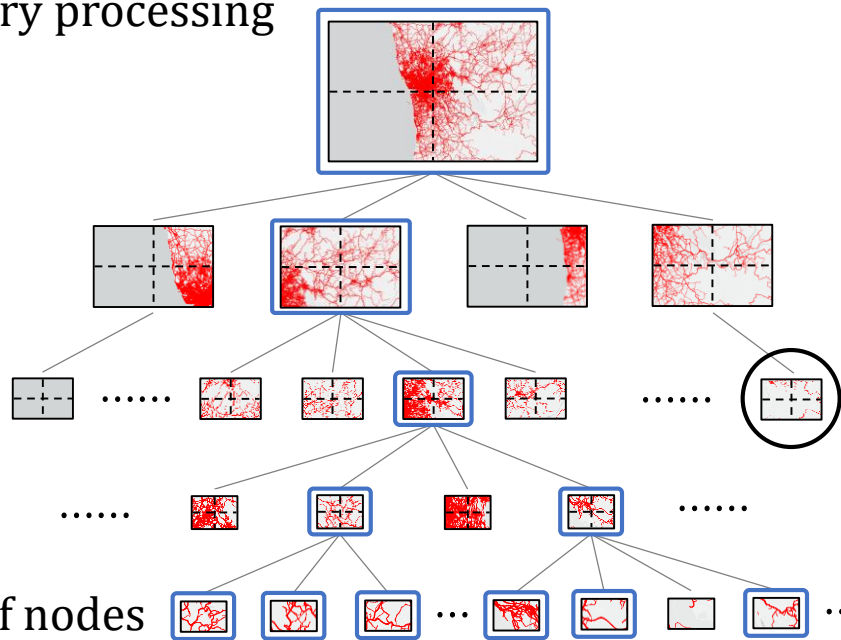
Region query Q



Visualization result



Query processing



Leaf nodes

Ind-Quad tree index I

L_0

t	q
t_{i1}	0.81%
t_{i2}	1.43%
t_{i3}	1.94%
t_{i4}	2.30%
...	...
t_{in}	100.0%

L_{64}

t	q
t_{j1}	0.81%
t_{j2}	1.66%
t_{j3}	2.28%
t_{j4}	2.81%
...	...
t_{jm}	100.0%

Inverted sets with different δ