

Windowing Query

Vertical Segment Stabbing Query

- X-Segment Tree

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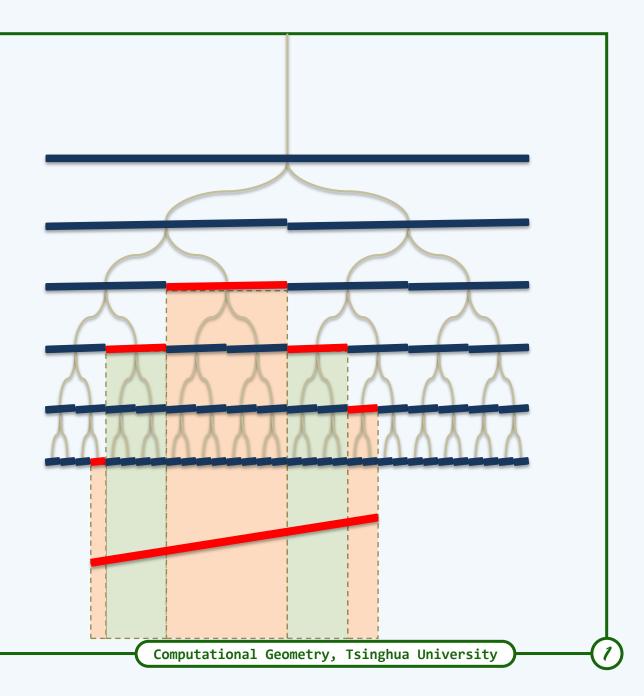
corresponds to

a vertical slab

$$EI(v) \times (-\infty, \infty)$$

❖ Each segment in Int(v)

spans the slab



❖ We can now

- find in ⊘(logn) time **⊘**(logn) canonical subsets
- whose union gives all intervals containing q_x
- ❖ To pick out segments from each CS we need to do a y-range query
- What kind of associative structure can be used to store each CS?

