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Windowing Query

Segment Tree

- Discretization

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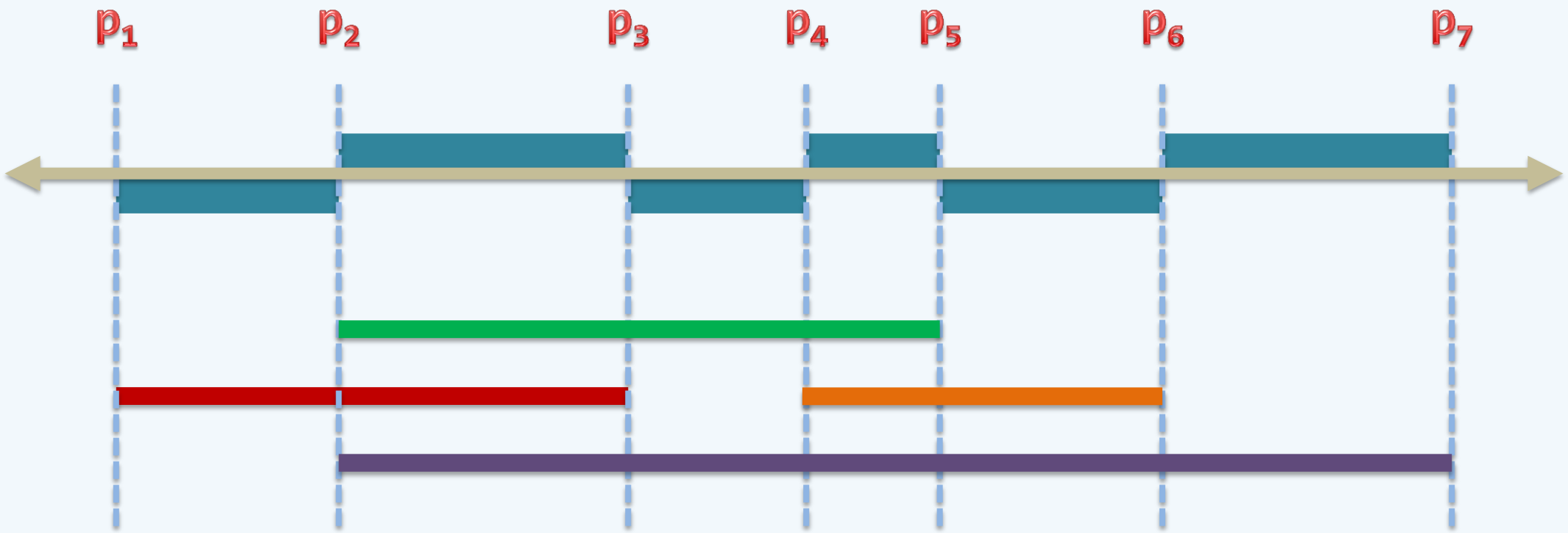
Discretization

- Within each EI, all stabbing queries share a same output

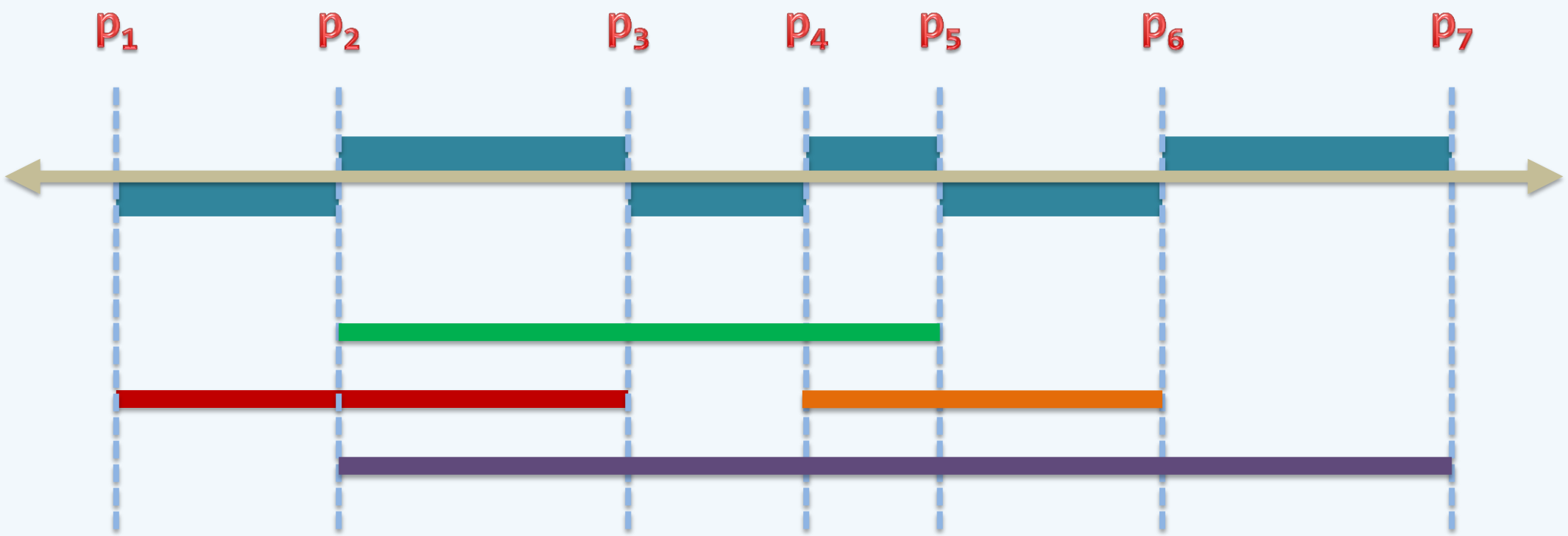


∴ If we **sort** all EI's into a vector and

store the corresponding **output** with each EI, then ...

Sorted Vector

∴ Once a query position is determined, //by an $O(\log n)$ time binary search



the output can then be returned directly //$O(r)$