

$$O(N \cdot D) \approx 9 \cdot 10^{10}$$

$$O(D \cdot \text{const}) \quad \checkmark$$

$$O(D + N)$$

$$d \rightarrow d+1$$

set  
of  
attr

$$O(D \log N)$$

$$L=3$$

stack

$u_i$	#attr
0	3
1	1
2	2
3	1 → 2