

# Cube Pruning

**k-best parsing**  
(Huang and Chiang, 2005)

- a priority queue of candidates
- extract the best candidate
- push the two successors

(PP<sub>1,3</sub> with \* Sharon)

(PP<sub>1,3</sub> along \* Sharon)

(PP<sub>1,3</sub> with \* Sharon)

(VP<sub>3,6</sub><sup>held</sup> \* meeting)

(VP<sub>3,6</sub><sup>held</sup> \* talk)

(VP<sub>3,6</sub><sup>hold</sup> \* conference)

	1.0	3.0	8.0
1.0	2.5	9.0	9.5
1.1	2.4	9.5	9.4
3.5	5.1	17.0	12.1