Cube Pruning

k-best parsing
(Huang and Chiang, 2005)

- a priority queue of candidates
- extract the best candidate

$(\text{PP}_{1,3}^{\text{with} \star \text{Sharon}})$	$(\text{PP}_{1,3}^{\text{along} \star \text{Sharon}})$	$(\text{PP}_{1,3}^{\text{with} \star \text{Shalong}})$

	1.0	3.0	8.0
$(\text{VP}_{3,6}^{\text{held} \star \text{meeting}})$ 1.0	2.5	9.0	9.5
$(\text{VP}_{3,6}^{\text{held} \star \text{talk}})$ 1.1	2.4	9.5	9.4
$(\text{VP}_{3,6}^{\text{hold} \star \text{conference}})$ 3.5	5.1	17.0	12.1