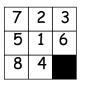


## Heuristics for eight puzzle



1	2	3
4	5	6
7	8	

Original: Tile can move from location A to B if A is horizontally or vertically next to B and B is blank Relaxed 1: Tile can move from any A to any B  $Cost = h_1 = number of misplaced tiles$ Relaxed 2: Tile can move from A to B if A is horizontally or vertically next to B

 $Cost = h_2 = total Manhattan distance$ 

