Heuristic Choice:

* Number of pieces is used in heuristic - each piece gets value of one - because game is won when all the pieces belong to the player, so, more pieces means he is close to win state. Also, if he has more pieces the probability is less that he will be left with no moves. Furthermore, more pieces increase the player's ability to capture other player's pieces.
* For each piece of other player, a value is contributed to the heuristic. If the piece is captured by cony on piece 0.5 is contributed to the value because there is still a possibility of escape or block, so it is not as good as owing the piece. If it is captured from two sides 0.75 is contributed, and not 0.5, because block will not be possible and escape will become difficult.