

11 total votes -> need 6 to win

10 wins

- 4. a) Every voter prefers X to Y so X gets more points than Y from every individual voter, and thus more total points.

 Thus more total points.
 - b) Every pairwise comparison that Y wins, X will also win (i.e. Y wins vs Z implies X also wins vs Z). Also, X beats Y in a X also wins vs Z). Also, X beats Y in a pairwise Comparison. Therefore X has at least I more win than Y and is ranked higher in the cutcome,