# 2 RCV satisfies the Majority Winner Cort.

Proof Imagine X is ranked 1st place by a majority of voters. Then X will always have a majority of fist place votes in every round, so X is never eliminated.

Therefore X vins using RCV.

by a majority of voters, but still wins is  $\frac{5}{A} = \frac{6}{B} = \frac{6}{C} = \frac{6}{B} = \frac$ 

#50 2 4 3 A B D C Using plurality, OG winner is B.

Using plurality, OG winner is B.

D C B

The C voters should instead say D . Then it would B

look like:

$$\begin{array}{ccccc} 2 & 4 & 3 \\ \hline A & B & A \\ C & A & D \\ C & B & C \\ \end{array}$$

Now A wing, which is preferable in their opinion because they like A better than B.

M: 375+83+29 = 487C: 282+82+47 = 411L: 95+35+31 = 151

$$M: \frac{487}{1049} = \frac{46.47}{1049} = \frac{39.27}{1049}$$

$$L: \frac{151}{1049} = \frac{14.47}{1049}$$