

Worksheet #7
The Monotonicity Fairness Criterion
September 12, 2018
2 Points

Circle one name.

Name: Solutions Name: _____ Name: _____

The Monotonicity Fairness Criterion states that giving the winner some more first-place votes by taking some ballots and moving the winner up (without shuffling the other candidates) should not now make the winner lose.

1. True or false: The Plurality Method satisfies the Monotonicity Fairness Criterion. If true, explain why. If false, create an example of a preference schedule for which there is a way to give the winner some more first-place votes by taking some ballots and moving the winner up (without shuffling the other candidates) with the result that the winner now loses.

True - see class notes and
powerpoint (9/12)

2. True or false: The Borda Method satisfies the Monotonicity Fairness Criterion. If true, explain why. If false, create an example of a preference schedule for which there is a way to give the winner some more first-place votes by taking some ballots and moving the winner up (without shuffling the other candidates) with the result that the winner now loses.

True - //

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