Beth:H Kunal:D Simpson's Paradox

Judge View | Tree View | List of Debates | Hide notes | Side: None | Phase: **Answer Questions** Remaining: **6:00**

At root

0 Q (H): Is it possible that wages went up from 1950 to 1960, but went down for both men and women? Assume that the proportion of men to women can change. (This is not a historical example.)

H: Yes

D: Probably not

Notes:

Q: Can different groups of data produce a different trend when combined together?

H: Yes

D: It's unclear

2 Payment: H D None Recurse

Notes:

Q: Is it possible that men and women can have significantly large gaps in wages between the two of them that can affect the balance of the average?

H: Yes

D: It's unclear

4 Payment: H D None Recurse

Notes:

Q: Is there a situation in which the wages for both men and women goes down, but the average of the wages goes up?

H: Yes

D: Maybe

6 Payment: H D None Recurse

Q: Is the total change in wages a weighted average of the change in wages for women and the change in wages for men?

H: No

D: Probably

1 Payment: H D None Recurse

Notes: By average, Beth means something like you add up the wage changes and divide by the number of people - generic idea of averaging stuff, trying not to mean anything too specific

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Q: Is it possible for a weighted average of two negative things to be positive?

H: No

D: No

3 Payment: H D None Recurse

Notes:

Notes

Say, on a smaller scale, if we have 10 men making $10 and 10 women making $30. 11 men making $9 and 19 women making $29, what is the average wage between the two?