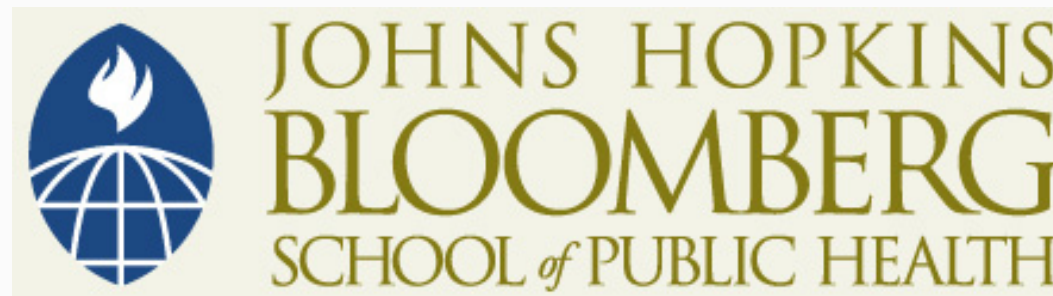


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Lecture 10c: Practice Problem Solutions

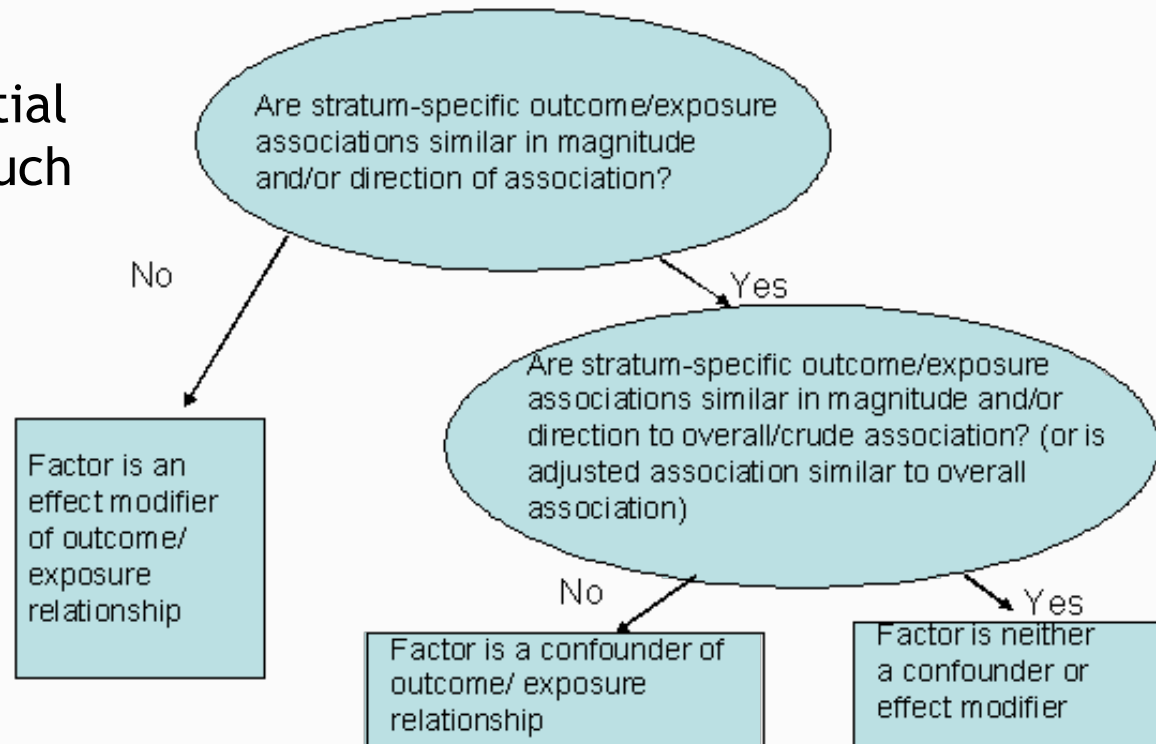
John McGready
Johns Hopkins University

Solutions

1. Explain the difference between confounding and statistical interaction. Can you come up with a flowchart approach to deciding between interaction, confounding or neither?

Stratify by All Levels of the Potential Confounder/Effect Modifier
Estimate Separate Outcome/Exposure relationships for each stratum

- Here is a potential candidate for such a flowchart:



Practice Problems

2. Can you envision a research situation where there is no confounding, but there could be interaction?
 - We will discuss this further in LiveTalk—but feel free to add your thoughts on this to a BBS topic