

How to do the next homework.

Example answers.

- Can we use an experimental research design to study the following causal statements? **Why? Why not?**
- Individuals' knowledge about global warming(X) influences their support for policies that reduce carbon emissions (Y).
 - Yes, can be studied via an experiment because we can control and randomly assign the value of X, that is, of the exposure to information about global warming. We can randomly assign the level of X to volunteers. For example, randomly divide people in two groups. One group gets information about global warming, the other does not. Then measure attitudes to green policies and compare the average attitude in the two groups to see if the information makes any difference.
- The ideological makeup of the government coalition (X) influences the extent to which the government prioritizes the reduction of carbon emissions in its policies (Y).
 - No, cannot be studied by an experiment. We do not have control over the values of X – we do not have control over the ideological makeup of the governing coalition.