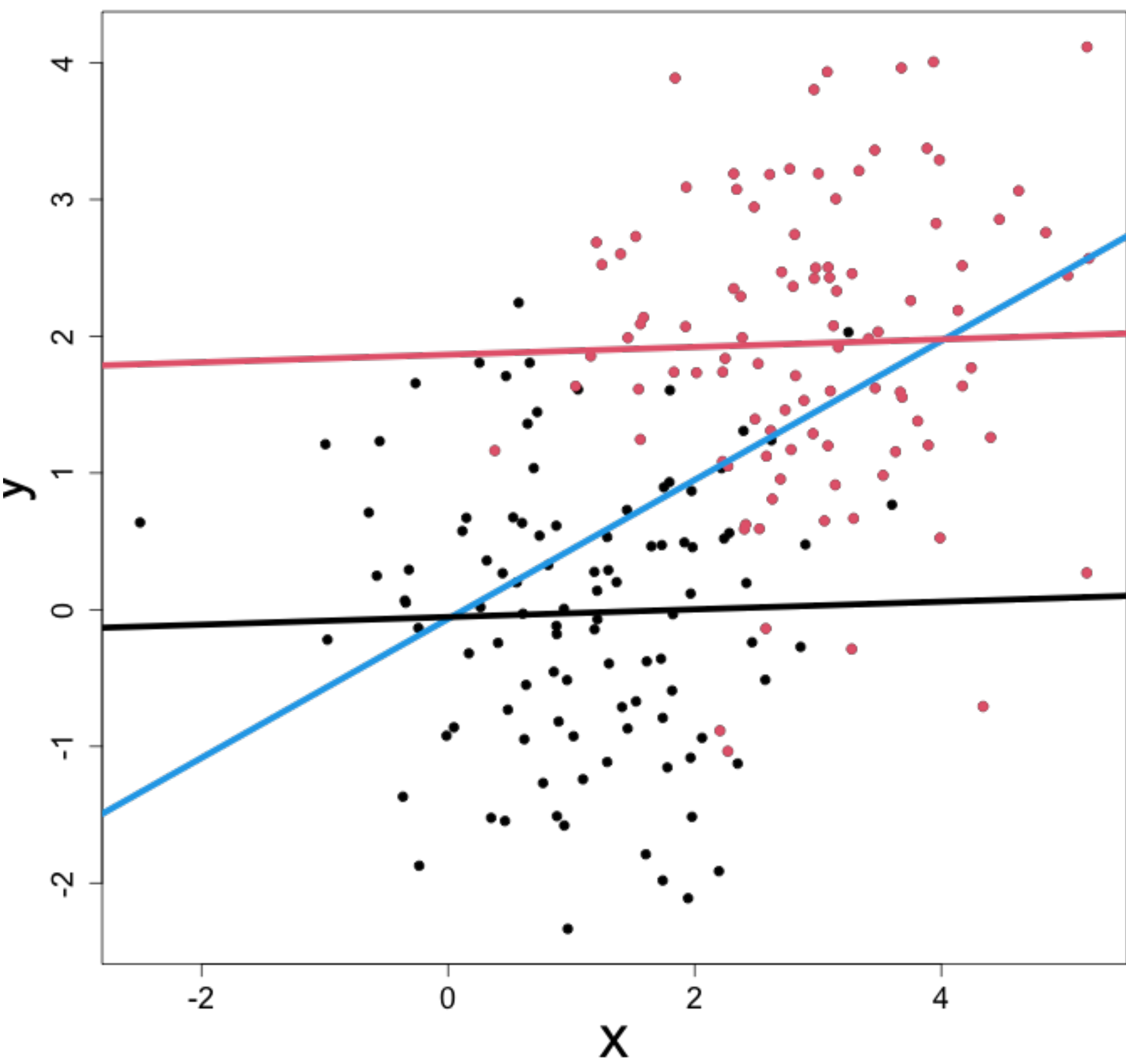
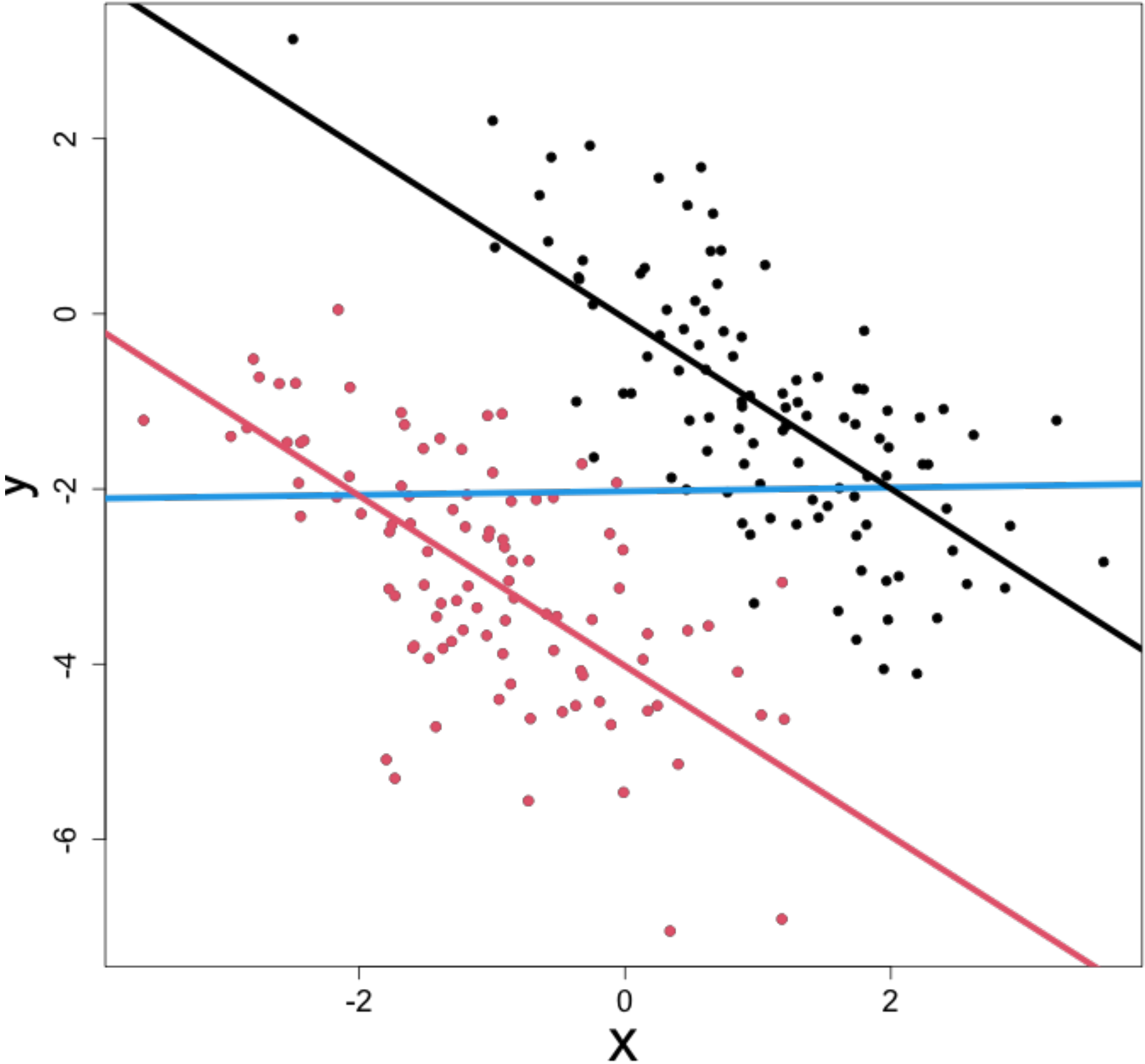


Confounders effect on the slope β_{xy}



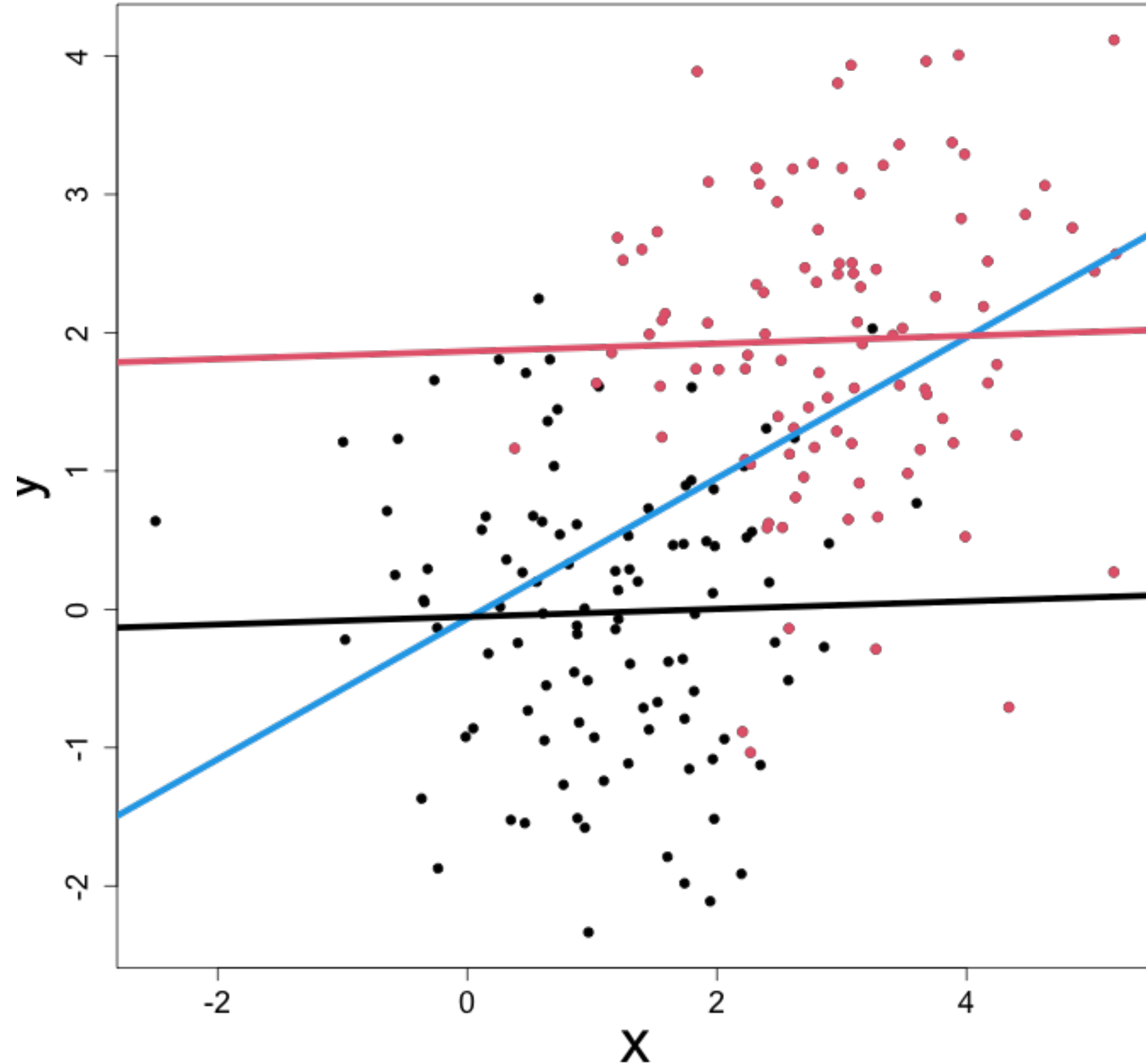
Effect on y is created by z

Effect on y is hidden by z

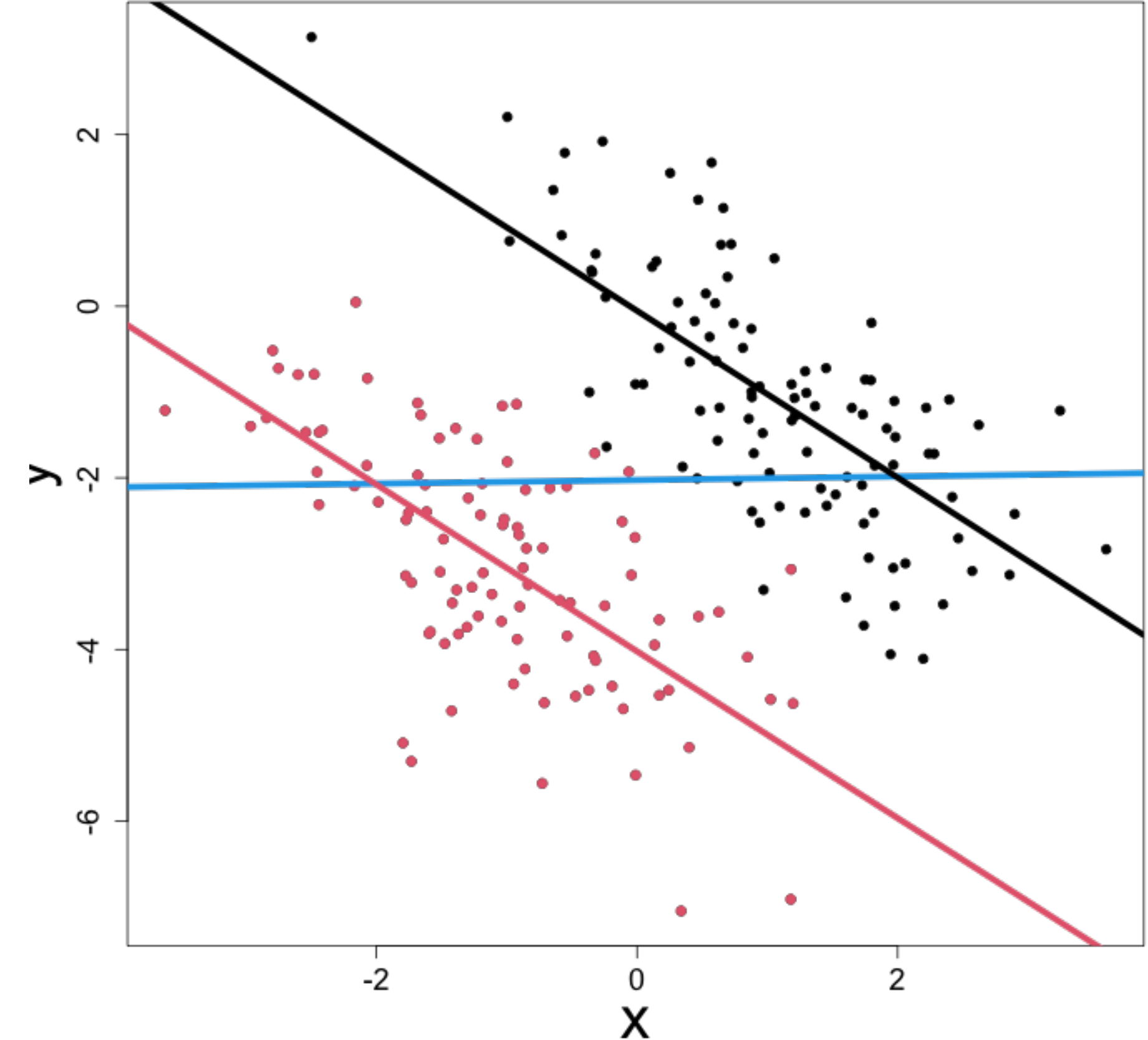


Confounders effect on the slope β_{xy}

Effect on y is created by z



Effect on y is hidden by z



Examples of forks or confounders

- This is the quintessential “control” variable.
- Most variables are included in the model under the assumption that they are confounders and need have their effects taken into consideration.
- Conditioning on z , the causal effect of x on y can be estimated without bias

