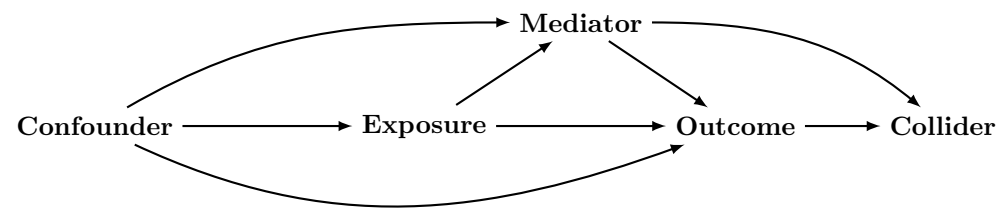


1 Box 1 DAGs



node

Mediator

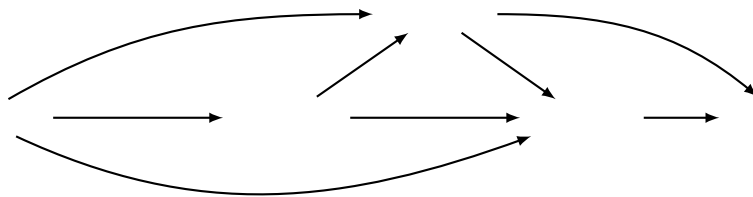
Confounder

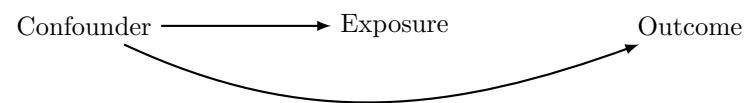
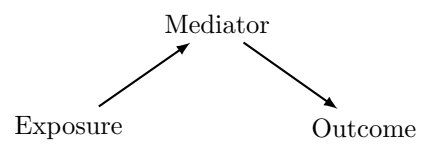
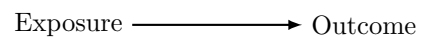
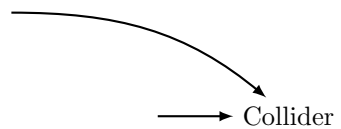
Exposure

Outcome

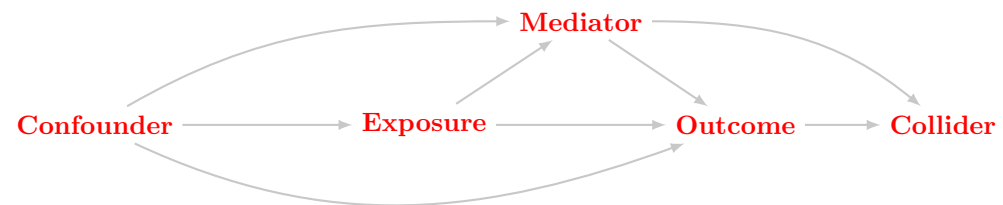
Collider

edge

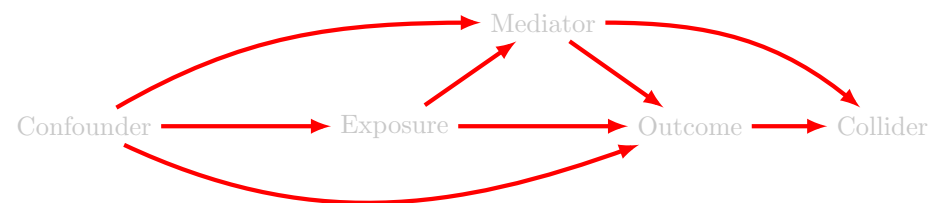


confounder**mediator; indirect effects****direct effects****collider**

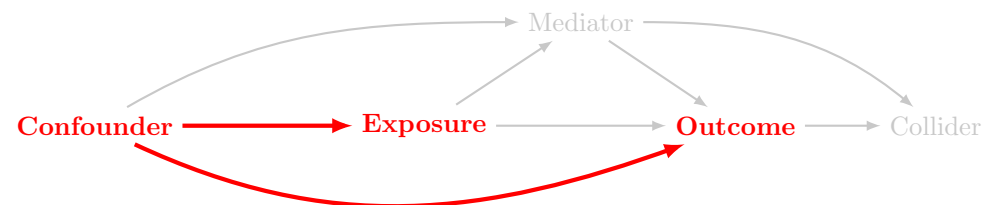
Nodes



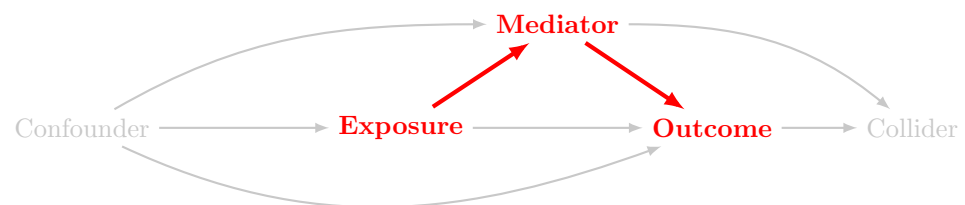
Edges



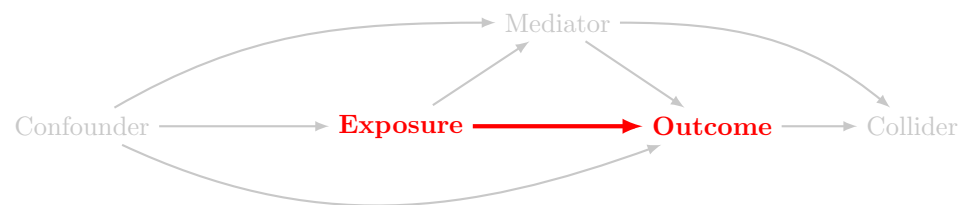
Confounder



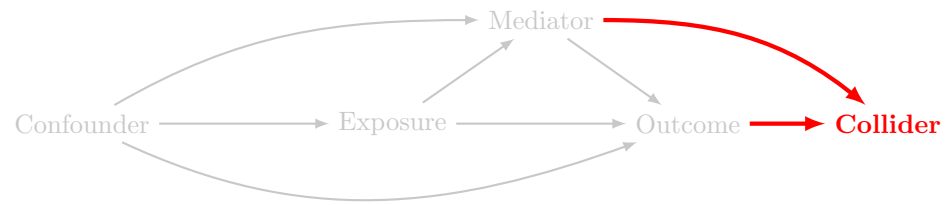
Indirect Effects/Mediator



Direct Effects



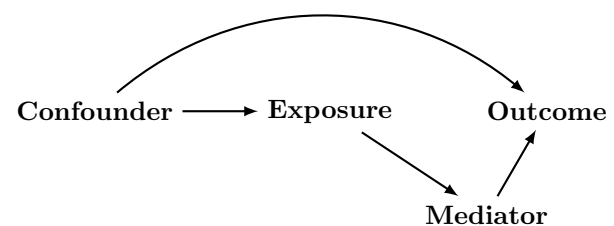
Collider



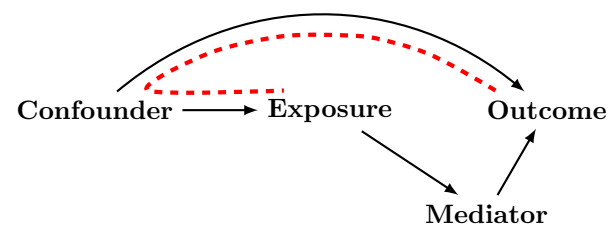
Box 2 figures

d-Separation and causal versus biasing path

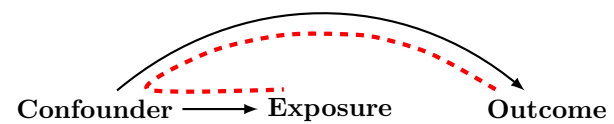
confounder, unadjusted



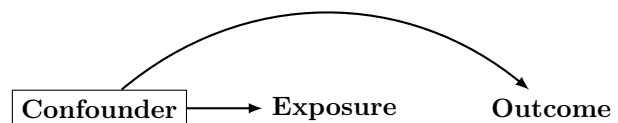
confounder, unadjusted ,biasing path illustrated



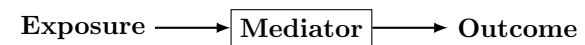
confounder, unadjusted ,biasing path illustrated, no Mediator



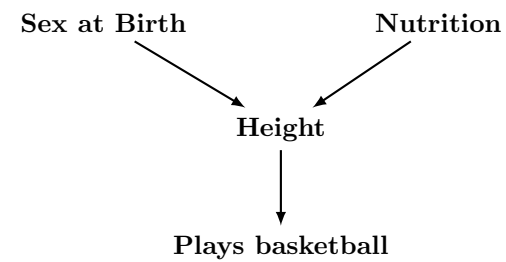
confounder, adjusted , no biasing path



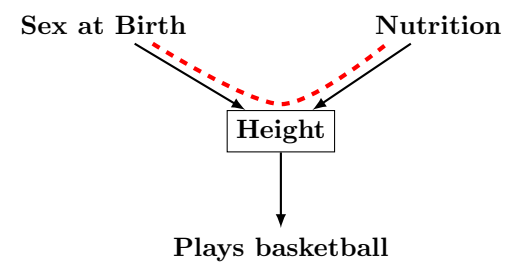
mediator, adjusted , no causal path



m-bias, adjusted , no causal path



m-bias, adjusted , no causal path



m-bias, adjusted , no causal path

