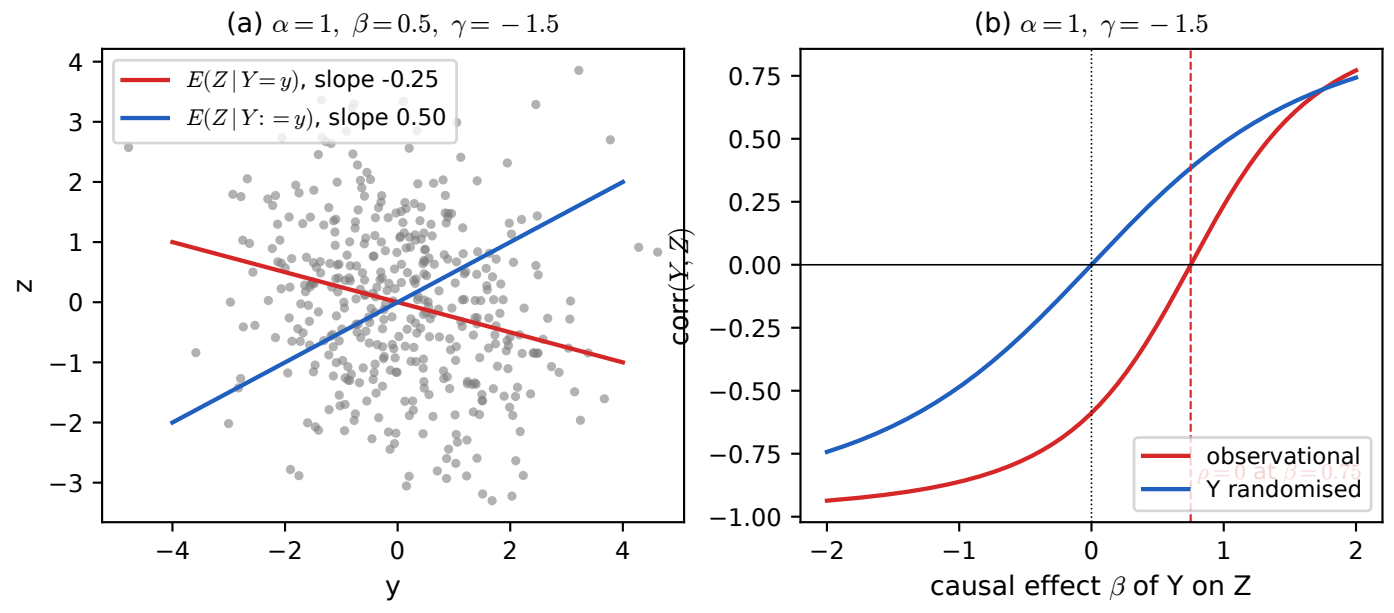

(a) $\alpha = 1,\ \beta = 0.5,\ \gamma = -1.5$
$E(Z \mid Y = y)$, slope -0.25
$E(Z \mid Y := y)$, slope 0.50
z
y
(b) $\alpha = 1,\ \gamma = -1.5$
corr(Y, Z)
observational
Y randomised
causal effect β of Y on Z