Path Analysis:

x can affect y

- directly (Direct Effect)
 - indirectly through another intermediary variable 'Z' (Indivert effect)

$$\chi$$
 $\frac{8}{B}$ $\frac{3}{2}$ $\frac{5}{8}$

Define:

Total effect of x on $Y = \theta$: $y = 0x + \varepsilon$

But Total effect = Direct + Indirect Effect - (1)

y= SZ+BX+e-2

use () and (2) for writing the Solutions