

I don't know about the individual causal effects. BUT I can help you ESTIMATE the AVERAGE causal effect!

i	T	Y	Y(T=1)		Effect (2)
A	1	21	21	?	21-?=~
B	O	(1	?	()	?-11=tb
Č	0	9	7	9	7 - 9 = 2
D	1	5	5	?	5-?=Ys

Define: $\overline{z} = (z_A + z_B + z_C + z_D)/4$ (The aug. causal effect) Notice: $z_A = Y_A(1) - Y_A(0), z_B = Y_B(1) - Y_B(0), ...$

$$\frac{Y_{A} = Y_{A}(1) - Y_{A}(0), Y_{B} = I_{B}(1) - I_{B}(0)}{\overline{Y} = ((Y_{A}(1) - Y_{A}(0)) + ... + (Y_{D}(1) - Y_{S}(0)))/4}$$

$$= (Y_{A}(1) + ... + Y_{D}(1))/4 - (Y_{A}(0) + ... + Y_{D}(0))/4$$