Last week a student asked how you would represent measurement error in measured confounders in a causal diagram.
Hernan’s book shows this on page 118 (page 111 on contents) of https://cdn1.sph.harvard.edu/wp-content/uploads/sites/1268/2018/12/hernanrobins_v1.10.37.pdf :-

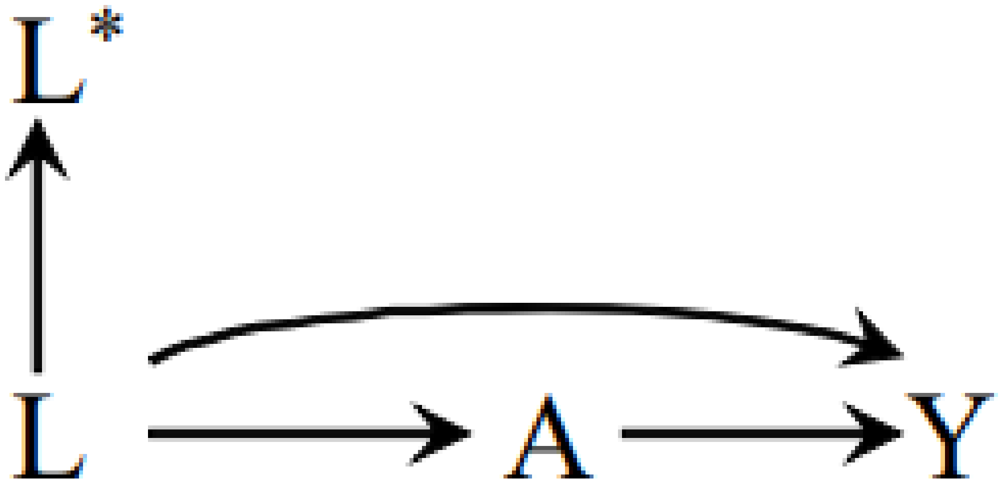

Figure 9.8

L is the confounder (or common cause) and L* is an imperfect measurement of L. Since you are conditioning on L* and not L, there is still a backdoor path.
Hernan’s argues that, conceptually, this is can be though of us unmeasured confounding.