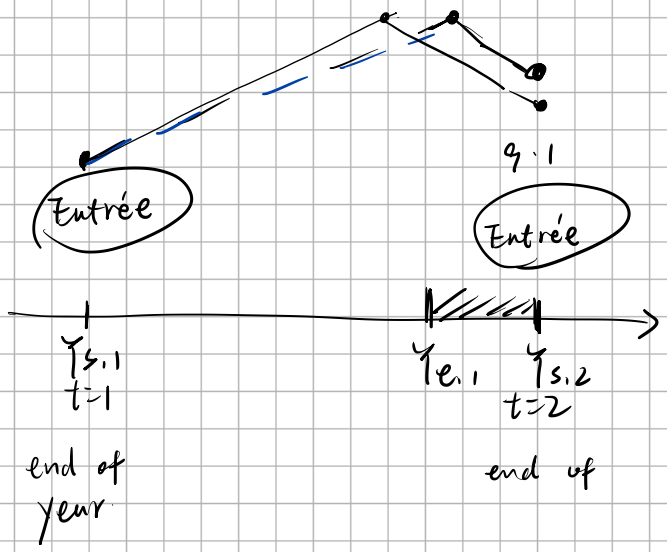

compare -

not too far away

take the whole year into account !

$$P(D=1 \mid X=x, Z=z) = \mu(x,z)$$

(= P, = P)

Then $\Delta(x,u) = E[Y \mid X=x, U=u)$

Then $\frac{\partial E[Y \mid X=x, P=p)}{\partial p} = \frac{\partial E[Y \mid X=x, Z=z)}{\partial \mu(x,z)}$

$= \Delta^{MTE}(x, u=p) = ?$

$= E[Y \mid X=x, \mu_D(x,Z) - \mu_D = D - \mu_D(x,Z) - \mu_D]$

pin down the z