TE =

Small
large

Δ Delay $-$ Δ Delay

$= \underbrace{\Delta \text{ Delay}}_{\text{(A) (only small)}} + \underbrace{\Delta \text{ Delay}}_{\text{(B) (both S \& L)}} - \underbrace{\Delta \text{ Delay}}_{\text{(C) (only large)}} - \underbrace{\Delta \text{ Delay}}_{\text{(D) (both S \& L)}}$

↳ we are getting rid of this term when we restrict to contractors holding atleast one large project.

1) D reacts to QuickPay.
(contradicts control group doesn't get affected)
↳ can test by DiD on Groups D & C (treat, control)
→ Delay ↓ (theory)

2) Group C → control
B → treat
→ Delay ↑ (theory)

3) If (D) is insignificant; we can use both (C & D) as a control group; treat group is B.

4) B → treated; D → control.
theory: B delayed; D gets expedited
↳ so we see a greater effect when sample restricted to B & D; but contradicts DiD assⁿ → control never treated.