Local Perspectives on Secondary Market Impacts

~ economic impact studies

S spent up front
δ fraction of that that local residents spend locally
  always less than 1

Total after T rounds of spending
$\text{total} = x(T) = S + \delta S + \delta^2 S + \delta^3 S + \dots \delta^T S$

$\delta x(T) = \delta S + \delta^2 S + \dots \delta^{T+1} S$

$x(T) - \delta x(T) = S - S\delta^{T+1} \rightarrow x(T) = (S \cdot (1 - \delta^{T+1}))/1 - \delta$

Let $T \rightarrow \infty$ $\delta < 1 \rightarrow \delta^{\infty} = 0$

$x(T) \rightarrow S \cdot 1/1 - \delta \rightarrow$ multiplier

Supply?

Crowding out
  ↳ spending displaces other spending

what else could have been done w/ those resources?

Not a BCA
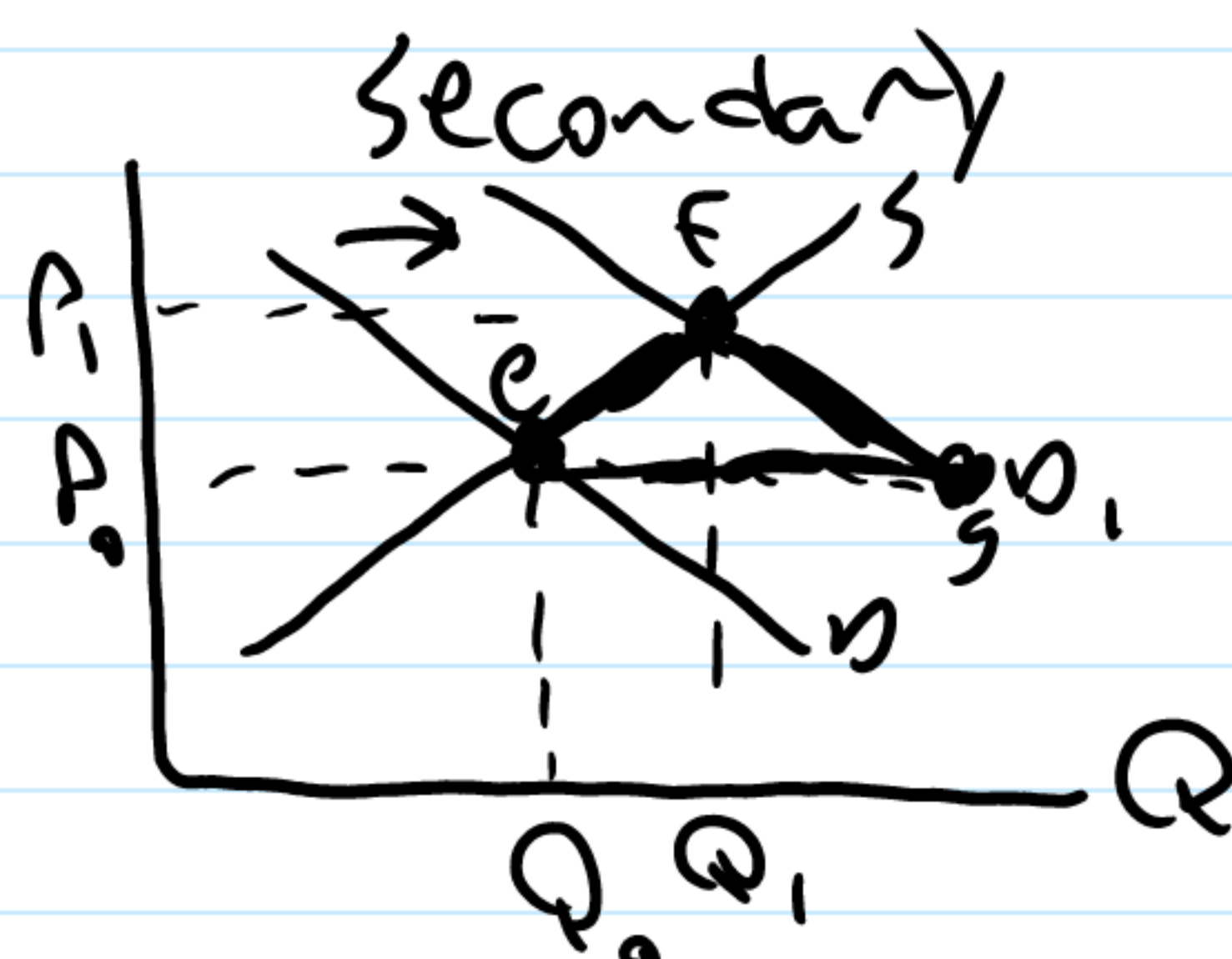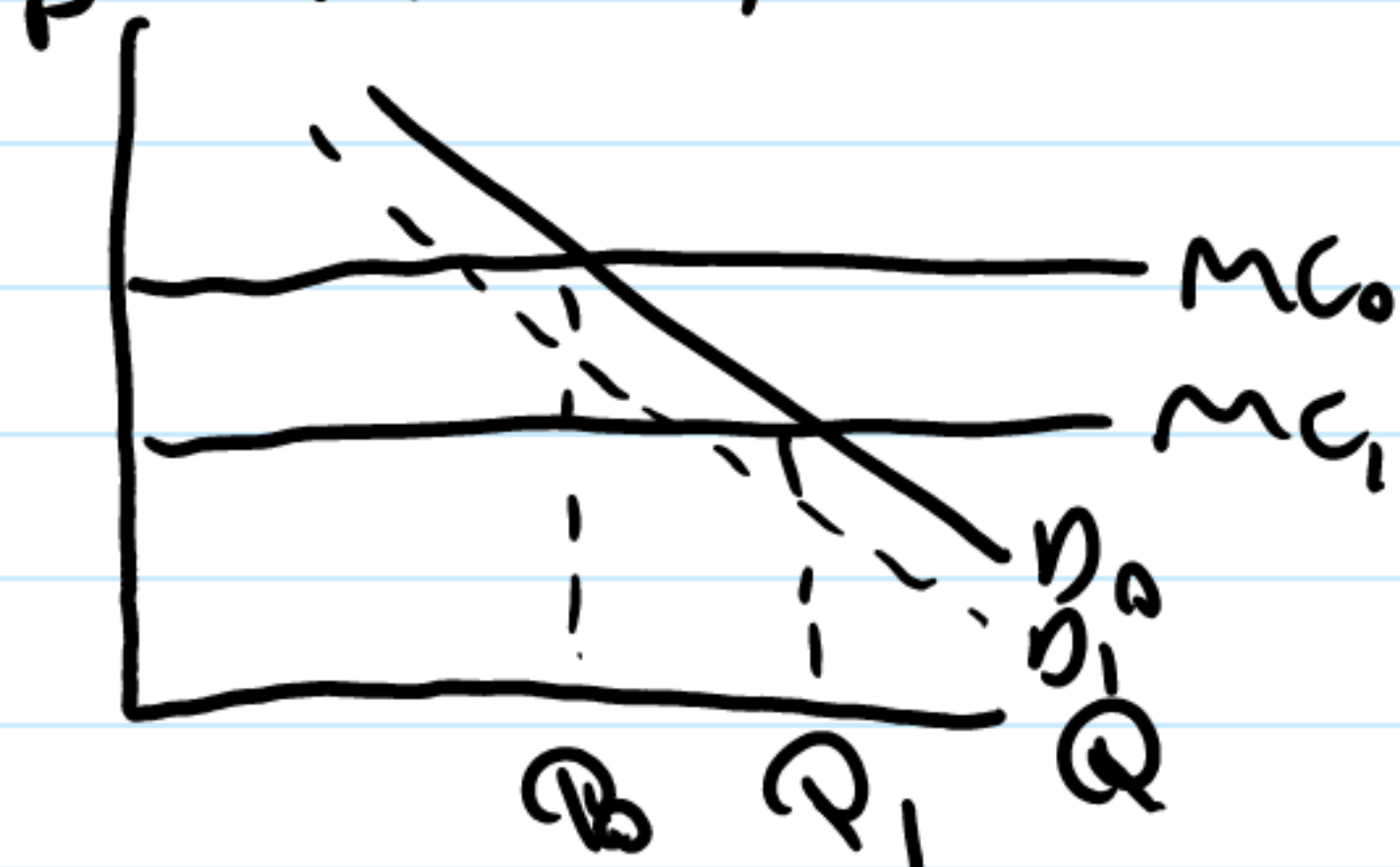
  Absent distortions?
  Prices change Negligibly
  only local standing?

If prices in secondary markets ↑?
  Always Negative
    ~ efg

Primary

Secondary

loss CS   gain PS

Different if there are major local distortions