

Known total law, finite M ; $X = Y + S$, $Y \geq \beta \geq 0$, $S \geq 0$

Separated inactive block
identified fraction c_0
equal conditional means, $\delta = 0$



Exact mean recovery

$$M_Y = J_{c_0}/c_0$$
$$M_S = M - J_{c_0}/c_0$$

Theorem 4.2

Evidenced activity bound
 $\Pr(S > 0) \leq \alpha$
without recovery conditions



Interval identification

$$M_Y \in [J_c + \alpha\beta, M]$$
$$q(u - \alpha) \leq q_Y(u) \leq q(u)$$
$$\alpha < u < 1$$

Equation (9); Section 4.4

No informative
activity restriction



Weak bounds

$$\beta \leq M_Y \leq M$$
$$\beta = 0: \text{no positive floor}$$

Section 4.4

Theorem 4.3 also allows equality through cancellation of $-\pi\delta$ and $-D_{\text{sel}}/c_0$.