

Weak IV test

统计量类似, 但在有限样本下讨论.

Stock & Yogo (2005) 和 CD (1993) 一样,

$$\frac{N-L}{L_2} \frac{r_{k_1}^2}{1-r_{k_1}^2} \cdot \text{iid.}$$

Robust

KP (2006)

critical value 参考 Stock & Yogo (2005)

Relative bias

IV bias / OLS bias

Relative Size

Weak IV: t 统计量 rejects too often.