Regression
$$(x_i, y_i)$$
, $Y_i = x_i T + e_i$

$$\mathbb{E}[e_i|X_i]=0$$

$$(ov(e_i,e_j|X_i,X_j)=0$$

$$Bootstrap \{(x_i, y_i)\} \longrightarrow \{(x_i^*, y_i^*)\}$$

$$Y_i = X_i^T S + e_i^x$$

$$\hat{e}^{*}$$
 \hat{e}^{*} \hat{e}^{*} \hat{e}^{*} \hat{e}^{*}

Make infurness on (Xi, Yi)
Assumptions: Yi= xiTp+ei, eilxi id 10,02)

(ii) Residual Bootstrap

(III) "Residuent Bootstrap

{ êi = Xi - Xi } Boot

{ êi = Xi - Xi } [êi* }

then Xi* = Xi, Yi* = Xi +êi*

accordations en l'Xi iid F

assumption: eil Xi vid Fe

In all cuses, obtain bootstrap Samples ist by regressing your xt