Pair Bootstrap

X C y

Bootstrap

Bootstrap

Residual>

L Wild Bootstrap

LX;, y, 's i = 1, N Mi = P, + B22i + E. 1) lesample DF With indexes 11, ..., N3 with repl. 2) B x 6

Fixed - X Sampling Or Bootstrapping Residuals 1) y: = (x, 30Ls) 2) Éi = y1-ýi, Prob. 4: = 1 3) Exb: En.... Com 7i = /(k; Bols) + Ex6 Mi X => Bols Report N-6007

Wild Bootstrap (Wa)

1) 
$$\hat{y} = A(x_i | \hat{\beta}_{ols})$$

2)  $\hat{\epsilon}_i = A(x_i | \hat{\beta}_{ols})$ 

3)  $\hat{\epsilon}_i$ 
 $\hat{y}_i = A(x_i | \hat{\beta}_{ols}) + \hat{\lambda}_i$ 
 $\hat{y}_i = A(x_i | \hat{\beta}_{ols}) + \hat{\lambda}_i$ 

$$hii = X (X^TX)^{-1}X^T$$

$$Q_{i} = \frac{\hat{\xi}_{i}}{\sqrt{\sum_{i} \left(\hat{\xi}_{i} - \hat{\xi}_{i}\right)^{2}}}$$