Magers unonceamberrais perseccus

mener t -norugiososis novuer ratinogenul.

 $X_{t} = \beta_{0} + \beta_{1} Z_{t_{1}} + \beta_{0} Z_{-l_{2}} + \dots + C_{t}$ $C_{t} \cdot M(C_{t}) = \emptyset$ $D(C_{t}) = 0^{2} - const$

repetitione perperpapor (obsecurrougue)

L nonockegaemmunocmb $(C_1, C_5) = \emptyset$ $\exists 1 \neq S$

smo & minimum contras

on benururos (magellucus umo orus

resabuennes)

were some on np. /cn. none

 $\not X \quad X_{+} = \not f_{0} + \not f_{1} \not Z_{+1} + \not C_{+}$ Con paremotrum NHK-overly $\mathring{f}_{i} = \frac{\text{cov}(X_{i}, Z_{i})}{\nabla_{i}^{2}}$

Cuego barneroro $\hat{\beta}_1 \frac{\sigma_{2_1}}{\sigma_{\alpha}} = \frac{\text{cov}(X_1 z_1)}{\sigma_{z_1} \cdot \sigma_{\alpha}} = \frac{\text{cov}(X_1 z_1)}{\sigma_{z_2}} = \frac{\text{cov}(X_1$

B reconstrued regenante bre zagann un-è respectent memore nongrume 144k - agency 15 y 16 , comorere obragarem menor nee cb-un, uno 16 beregegy unix beilegare.

I nonjueur $\hat{\beta}$ gue emos ungere. I $\hat{\beta}$, goennamo uno consulue, ce t-chamichica negocazoreaem, uno $\hat{\beta}$, cm. raueura.

J M[AZi] = const = Ø

Сидовательно шотеей поломсить, имо есть зависийость ет выенени.

 $X_{+} = f_{0} + f_{1} + f_{2} + f_{3} + f_{4} + f_{5} + f_{5$ Companie perpeceuso

Попучания очищенные оналочи

Therefore $\begin{pmatrix}
\chi'(*) = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t) \\
\chi'(*) = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)
\end{pmatrix}$ Therefore $\chi'(*) = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ Therefore $\chi_{+} = \chi_{+} - (\hat{J}_{0} - \hat{J}_{1} t)$ T

 $\chi_{+}^{(\alpha)} = \beta_{0} + \beta_{1} \cdot \overline{Z}_{+_{1}}^{(\alpha)} + C_{+}^{(\beta)} = \beta_{1}^{(\alpha)} - cm. \text{ restrategue}$ $\approx 0.0... \text{ (T-example, wells warms)}$

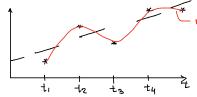
На очещенных перешенных шы обкарупсили, ито регрессии X_{1} на Z_{1} — ломенаи.

 $\hat{\beta}_{i} \frac{V_{i,0}}{V_{i,0}} = V_{i,2}$, — when the sound corper. (neknoveno brue tuel друпия переш репресс)

een $X, Z \sim N(0; \sigma)_{2} m0$ $\gamma_{xz_{1}}(X_{1}Z_{1}|Z_{2}) = \frac{\gamma(X_{1}Z_{1}) - \gamma(X_{2}Z_{2}) - \gamma(Z_{1}Z_{2})}{\sqrt{1 - \gamma^{2}(X_{2}Z_{2})} + \sqrt{1 - \gamma^{2}(Z_{1}Z_{2})}}$

Проблеша идентирикации стр-ры ишдели лин. Регрессии

Прибавлить переш регрессии и спотреть на упучшение приблить, к бълги перешенной



переобучинам шадепь

В будущем не сиотсем предсказать.

Purmubrise nerewerrise - bloquiste nerewerrise que baranca racculament.

Unorophanianophrone Komerun.

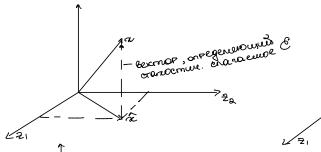
1) AIC

(вкночать ши кет) (только дли Гаусеовских процессов)

a) BIC (Fatherbound)

Основные проблешы с мин. регрессией:

- i) enewnosukausuu uugenu
- 2) un chal perpeccul
- 3) инприникоплинетристь регрессоров



722

2 / 22

Noche nobaroma Za menero npo eu upobarrue ra

womenyzy

Pri noebnerum chiqu ayerra pasbarubaromae.

Kak avenubamo smy chilzo?

Corula - mempy vienn qui anpokement yun paen pegenerum.

=> womeno bormanyumo agency conque

Cuegyio usue knaces rageness ARCH remesockegairmunerous usageno DCG] = 4. generalaired - GARCH

CH - conditional heteroscedastic