MCMC Blegeoure Lenatere 000. () Jobepan remotes Ecob Borsopea X. - Xn, Xi-Px neighers. really Mick δeg: · Ho: Pxe Po, re Po- nemen and co hacufuege, enques cocroero y ogorono hacufo. oarobrail runotega Имиер Пусть веронетность того, что Леусин подавител, когра € ο νένι βενοαικο, palma Θ. Ho:  $Θ > 1/2 (τ.e. Po = {Berm(Θ), Θ > })$ .

«Η: P ∈ P, P, P, P, = Φανωτερν. νωνότερα σογε κενώς ανακε μακήμε. • Стати спива иричерия S(X) - стати спева, расприд соторый « Kpussepuei : κακ upoberso, Burnegues Tak {S(X) > 3,-y} (Ab oδiegens)
 (Это мекое ми-во из воей. иространства)
 (4h-но 1- × × ...) elle greal es, eem PE Po. (это мекое ми-воиз выбливанства) (ур-те 1-х, хими)
Т. е. ест етаки стика приберия бельше кожоканой—то пранятия
из того самого урест. нам растрер стаки стики S(X), то гимогузу
Но отвергаем. Ест меньше—то не ствергаем и мерех. к слер проверами, · yhokeres greary recorn refusefue : Taxos reces d, 200  $\forall P_x \in P_o$   $P_x(S(x) > s_{i-y}) \leq d$ .  $(d=x, eeny P_o ty agricus paculage)$ um XeB, je B-name efectures. MA-Bo Muourer. yf. pearemocre oragorbaerce pagueper refusefunt · Осинбка I рода: отвергнуть ворудого Училогеру, ссин стел вервил. Bef. ouenous nefloro pepa menocue yf. juarumo or.

ouenous II popa: eleforo punes de eleforogeo runos eg, ecur orea
rebefra. He ran esfamina, non empona I popa.

Juenoman bef. ouenous I popa, men neugmenno yber. bef. om. It popa, Tax 250 reago greens suefy. · Moyrocro refusefuel (p-year evoyrocre): Q(B, Px) = Px(XEB), rge Px & P1.

Roesopia Nurur. MH-60 · Cocs. April · Cocs. of use fund: league as as П. е. мо задиксир. уровень зоголишьсть, ограничь шег Cefactoro con emerca I paga - a tenefro xormer afin otores yenoberes виде и кригерий с максиманьной монучество выбрать, a vo reacro, manoi refusefruir nyrune. N Q(B,Px) Q(B2, Px) T. e. xoower montre palseonepses reavesonce levery river refuse pair, gas p-year deveryonocry koroporo read operfyer q-year avoir occiry Claur donnée q-yen nous nouse, Ten en enouse def. omnouse Broposo poga!)

Blegenne MCNC You koek not gooden,  $\tau$  akue afus. The beega  $\exists$ .

Drue wholepses who cross vieno  $\tau$ eg  $\theta$  majare  $\tau$  furs, diogen ( $\tau$ . e.  $P = \{P_0, \Theta \in \Theta\}$ ,  $\{e : \Theta = \Theta_0 \cup H_e : \Theta = \Theta_e\}$ ) a choose reviews Heireana- Nufcara; Nyero f(X. - X, O) - FIX P(Xi, O), ye P(x, O) - normoero haceh. Po. Topa p. M. M. Khurehui ogget ramen:  $B = \frac{1}{f(X_1...X_n, \Theta_1)} > \lambda_1$ , yee (hoperabuleur busero en. b.  $X_i$  et peanyageno  $x_i$  y nonogenal).  $\lambda$  boetufaeral name, ucxogel y jag. yholme peareneocre. My u mpunes. X<sub>1</sub>... X<sub>n</sub> - Bern(θ); lo: θ=θο; li: θ=Θ, θι>θο Coarrecrena 42 X: - xorem rangos. Torga boeseferer efecs.: Σ X: >, k<sub>x</sub>, ye Po ( \(\bar{Z} \times \times \times \) = \(\bar{Z} \cappa\_n \times \times \times \times \) = \(\bar{Z} \cappa\_n \times \t Munef na Heimana. Pup coma Myers P= {N(0,1), OeR}, Ho: O=Oo; H: O=O, O:>Oo Malgongesue:  $f(X, \theta) = \int_{i=1}^{\infty} \frac{1}{\sqrt{2\pi}} e^{-\frac{(X_i - \theta)^2}{2}} = \int_{i=1}^{\infty} \frac{1}{\sqrt{2\pi}} e^{-\frac{2X_i^2}{2} + \frac{220X_i - n\theta^2}{2}}$ Chuseful;  $\left\{\frac{f(X, \Theta_i)}{f(X, \Theta_o)} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_i X_i - n \Theta_i^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\} = \left\{\frac{e^{-\sum \Theta_o X_i - n \Theta_o^2}}{e^{-\sum X_i^2 + \sum \Theta_o X_i - n \Theta_o^2}} > \lambda\right\}$  $= g(\theta_1 - \theta_0) \cdot Z(X_i) - \{ \frac{1}{2} Z(x_i) > \frac{1}{2} \}.$ to IZX: ~ N( 100, 1) upu befruit to => 1/2 - N(00, 1) abasured yfroud Thursely on who before newster a norway on heg, greatered Myero {Xi} in - bostopea y on Exp(d) c recyber. & Molephen to: 2 - Lo whomb Hid > Lo. Due 2000 defeat Ght: ZX:-nEX, d, M(o,i), ge EX;= \frac{1}{\sigma}; DX:= \frac{1}{\sigma\_i^2}. Barrenny croper, & byong there er; Ex: - 1 do , N(0,1) Khusefun : ZX:-n\(\frac{1}{40}\) >\(\frac{1}{100}\) >\(\frac{1}{100}\) \(\frac{1}{100}\) \(\frac{1}{10 P- year. ! horno gua jamenaro na ce oyeney.

MCNC | Begerine Myers esaruerma afuseful - K(X1, ... Xn), a merowal paenfegerence Fx(x) y = K(X1,... Xn)

gameine, F.e. peanyayere Boetofun X1,... Xn. Ognocropion u glycropion. p-jour. Torpa present p = 1 - Fx (y), régrébaerce p-znarenner afurépure. Munes Ny ero mos externaem uno regy to c nover refuse K rea Thobas pearamocre d'aprireres aprirepuis borruegus van: K(x,...x,)>2,-2, To estepraeue, yel 21-x - (1-2)-élavisiere Fx. U ny est p- juarenne Kjurepue K palois 0,08. Uro genaro? Me excepraro. Maero kommercies man borgaet buecro joean apusepuel up p- praneoures novo no roperabuero le tatrunger goaro i apotrementariono.

Bonfoe Myero nho befreur remoregy to glyme afusefumenum.

4 comme to mas bones abolis abolis marumocru, y broporo- mure. Uto У одного р-знаг. выше уровне значиности, у второго-ниже. Изо делого? Orber Orberry or runo rejy, early spoken juan. negon. Ureone who conserved accompolance. Note require able proug to a gronnino runo reje. Cur, ano reje. Malepua runoiez le байссовский перходе. Usax, nyero Ho: PP& Po, yee Po = {Po, De Qo} H: PEP, ge P= {Px, ge ?} (Капример, гаусс. сешей сво и эксполенунальное; сем {N(a, i), aeR} u {N(a, 2), aeR}) Dafree cb-60: Paccus fun K = P(Poly) = P(y) & Dela) K me jabuent or =  $\int P(y|\theta) P(\theta) d\theta$ Duy-naf-fol parateg, T. e. mos reopers navity paculeg. K upu Cepació Ho! SP(y/8) P(x) dx Ulkana Dreppy: befrea my to! My u wak se enfegereers? senegal enjoyerence exagars 3-10 norre rabelmera Molepulla Torno. A Out. Nyero P= {Po, OcO} a Fo- Q.p. Po. Nyero Fo(x) = Fo(x-0).
Toga O naj naj pour egbena. Njures N(a, 1). Man mersoero Orf. Nyess -1/- y  $F_0(x) = F_1(\frac{x}{\Theta})$ . Toya  $\Theta$  rag. nafi-pau macusasa. Npunefo  $N(0, 6^2)$ . Bel остальные пар-ры каз. пар-рами формые. Kanp., Pareko(d)

