BVAR
$$P(A|B) = \frac{P(B|A) - P(A)}{P(B)}$$

$$y = x \cdot \Theta + E \qquad \Theta : fo(\bullet)$$

$$foost (\Theta|x) = \frac{A(x|\Theta) \cdot foror(\Theta)}{A(x|\Theta) \cdot foror(\Theta)}$$

$$VAR(P) : y_{E} = P_{E} + P_{E} \cdot Y_{E} + P_{E} \cdot$$

$$\mathcal{Y}_{\xi} = \mathcal{P}_{\chi} \chi_{\xi} + \mathcal{E}_{\xi}$$

$$\mathcal{P} = \left[\mathcal{P}_{\chi} \dots \mathcal{P}_{p} \mathcal{P}_{o}\right] \chi_{\xi} = \begin{pmatrix} y_{\xi-1} \\ y_{\xi-p} \\ 1 \end{pmatrix}$$

$$Y = \begin{pmatrix} 31 \\ 97 \end{pmatrix} \times = \begin{pmatrix} 51 \\ 27 \end{pmatrix} = \begin{pmatrix} 61 \\ 27 \end{pmatrix}$$

$$Y = \begin{pmatrix} 71 \\ 71 \end{pmatrix} \times \begin{pmatrix} 71 \\ 71 \end{pmatrix} = \begin{pmatrix} 71$$

 $\overline{}$

$$P(\varphi) = \frac{1}{(2\pi)^{n}} \left(\frac{1}{2\pi}\right)^{n} \left(\frac{1}{2\pi}\right)^{n}$$

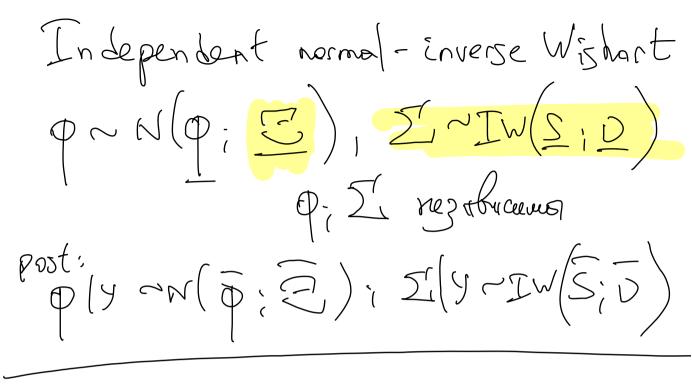
Post:
$$P[Y \sim N(\overline{P}; \overline{\Xi})]$$

$$\overline{P} = \overline{\overline{\Box}} + \overline{\overline{\Box}} \cdot \overline{\overline{Q}} \times \overline{\overline{A}} \times \overline{\overline{A}}$$

$$\overline{P} = \overline{\overline{\Box}} \cdot \overline{\overline{\overline{Q}}} + (\overline{\overline{\Delta}} \cdot \overline{\overline{Q}} \times \overline{\overline{A}}) \times \overline{\overline{\overline{A}}}$$

= - pror gre 1000 gus y it -1; - prior gree resp. gre y; t $\frac{1}{2} = \frac{1}{2} \int_{-\infty}^{\infty} \int_$ Jj = B11 J1 + 1 + B12 J2 + -1 + B1m Jmt-1 + (i) + β21 y 1 t-2 + ... + β2m ymt-2 + (i) + · · βρ1 y (t-p+... + βρm ymt-10 + βο+ξα [=; log=P] = guenepura [By) 9; =+ Bp; - 9; t-p

[] j, (ey=p) ; = 0 Y i + k is, const = > tight > 2 const &; 7 tight - 0 duyar récomposit prios-a 7 by - Hackorus Louspo statet fuckepings prior upu pocie nava [] 2/69 => 7 ybepertuoon le rom, no coapose/ 341002 mus (Sonouve nora) ne Brus som 1 Kron - * Égnesos spæend gpjax nepemetikox bgp. sittem repemention 1 const - xécon cours prior res representa

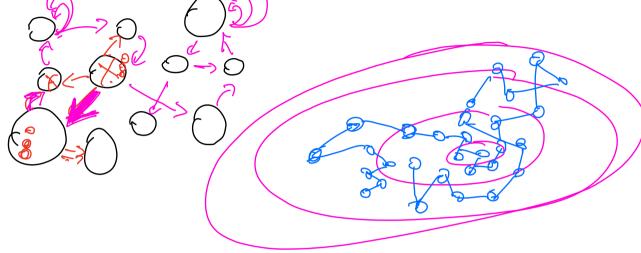


Conjugated normal-Everse Wishort $\Sigma_1' \sim \Sigma_1' \times \Sigma_2' \times \Sigma_1' \times \Sigma_2' \times \Sigma_1' \times \Sigma_2' \times \Sigma_2' \times \Sigma_2' \times \Sigma_1' \times \Sigma_2' \times \Sigma_2' \times \Sigma_1' \times \Sigma_2' \times \Sigma_2' \times \Sigma_1' \times \Sigma_1' \times \Sigma_2' \times \Sigma_2' \times \Sigma_2' \times \Sigma_1' \times \Sigma_1' \times \Sigma_2' \times \Sigma_2' \times \Sigma_2' \times \Sigma_1' \times \Sigma_1' \times \Sigma_2' \times \Sigma_2' \times \Sigma_2' \times \Sigma_1' \times \Sigma_2' \times \Sigma_2' \times \Sigma_2' \times \Sigma_2' \times \Sigma_1' \times \Sigma_1' \times \Sigma_2' \times \Sigma_$

Accept - reject sampling - 200-70, mpo nopymo roons noe h (x) - 2007, 43 200 nes guelen $\exists c: f(x) \leq c \cdot h(x) \forall x$ Anroputm; i) Commun 2 mg h ; u mg le[0;1]

2) eeu $u \leq \frac{f(2)}{c \cdot h(2)}$ -> sepén 2 > -> re depen 2





rea ute payon ::

2)
$$p = \frac{f(\phi_p)}{f(\phi_{i-1})}$$

3) if
$$g>1=>0;=0p$$

 $g<1>>>0;=0p$
 $g<1>>>0;=0p$
 $g<1>>>0;=0p$