Bagovra 4 M. K. pacopegerenne X nyn yarobun Y=k uneem bug N(ak, Ex), mo monunoumb byanuaenca mak: $p(x|y=k) = \frac{1}{\sqrt{(2\pi)^4|\Sigma|}} exp(-\frac{1}{2}(x-\alpha_k)^T \Xi_k(x-\alpha_k))$ Toggersnowas not not menigy objust knaccanu - mus unomembranch, gus k-vix lepasminocnib mux objec knaccob agunakola. The eins: $P(y=0) \cdot P(x|y=0) = P(y=1) \cdot P(x|y=1)$ Osognanua $\mathcal{T}_{i} := P(y=i). \ \mathcal{T}_{logor} \ \mathcal{T}_{o}. \frac{1}{\sqrt{|\chi_{n}|^{d}|z|}} \cdot exp\left(-\frac{1}{2}(x-\alpha_{o})^{T}. \sum_{o}^{-1}(x-\alpha_{o})\right) =$ = $\int_{0.1}^{1} \frac{1}{\sqrt{|2\pi|^{3}|2|}} \cdot e^{2\pi} \left(-\frac{1}{2} (x - \alpha_{1})^{7} \sum_{i=1}^{1} (x - \alpha_{1}) \right)$. Confamme na mun $log \overline{I_0} - \frac{1}{2} log |\Sigma_0| - \frac{1}{2} (x - \alpha_0)^T \overline{\Sigma_0}(x - \alpha_0) = log \overline{I_1} - \frac{1}{2} log |\Sigma_1| - \frac{1}{2} (x - \alpha_1) \overline{\Sigma_0}(x - \alpha_1).$ Nak un bugue, 3mo yrabnemie brugoit chienena, a ono zagaem nobejexnoch brugero nopagka. El-ho, pazgenemocyaa nobejex-noene b mogene QDA-nobejexnoch brusporo nopagka. Menent paceusnymu LDA. The eent Eo= E1. Thepenymen grobneme pazgenerowen noblemoune: (pyins Eo= E1 = E) log110-169151-1(x-a0) = log161-169151-169151-1(x-a) = (x-a) Theospaylen: $2 \log \left| \frac{110}{111} \right| = (X - a_0)^T \leq (X - a_0) - (X - a_1)^T \leq (X - a_1)$ Bocnoolbzgleuca alegynougua do-bou: ATBA-CTBC= = ATBA-ATBC+ATBC-CTBC=A'B.(A-C)+(AT-CT)BC. ||longa mangula: $2 \log (\frac{110}{171}) = (X - \alpha_0)^T \tilde{\Xi}^{-1} (\alpha_1 - \alpha_0) + (\alpha_1 - \alpha_0)^T \tilde{\Xi}^{-1} (X - \alpha_1).$ Morga naryulu: kad not burgue narymior grabnemie nenbow comenceme. Androweno Megoegynyemy nyrukmy, nerywalu, uno pagge-vyruyore nobejskoemo b mogline LDA-unewsna. V. 4 T. g.