Touga $y(\vec{k}) = e^{-\frac{1}{2\sigma^2}} \sum_{i=1}^{m} \left[(x_i - m_i)^2 - (x_i - m_o)^2 \right]$ $\begin{cases} \sum_{i=1}^{m} \left[(x_i - m_i)^2 - (x_i - m_o)^2 \right] = \sum_{i=1}^{m} \left[(x_i^2 - x_m)^2 + (x_i^2 + x_m)^2 + (x_i^2 - x_m)^2 \right] \\ = \sum_{i=1}^{m} \left[-2(m_1 - m_o)(x_i + m_i^2 - m_o^2) \right] = -2(m_1 - m_o) \sum_{i=1}^{m} (x_i + x_m)^2 - (x_i^2 - x_m)^2 \\ + n(m_i^2 - m_o^2) \end{cases}$ $\Rightarrow \varphi(\vec{x}) = e^{m_i - m_0} \Rightarrow v_i - \frac{n}{2\sigma_2} (m_i^2 - m_0^2)$ 2) Toprepure noneroung Cy y yes. (1) 9 4(x) > Cg = luy(x) > luCy = 0 (+) (m (M)) = M1-M0 (V; W (M)-M0) (+) 0 1 m1-mo k xi - n (mi-mo) > luCp = 0 -€ M1-Mo M1 Xi 7 202 (My-Mo) + lu Cy 2 ?; M1-mo 70 ? 1 1 $\Rightarrow \sum_{i=1}^{n} X_{i} \geq \frac{h(m_{i}+m_{0})}{2} + \ln C_{i} \cdot \frac{h^{2}}{m_{i} \cdot m_{0}}$ 0) W. 1 C=court - evoju. 26.04.24 Newywe 10. T) Konerauxy a nopsepeur vy yourbine (1), korepae aprimer bijo: $d = P \{ \psi(\vec{X}) \ge C_{\psi} \mid H_{0}y = P \{ \sum_{i=1}^{n} \chi_{i} \ge C_{i} \mid m_{i} = n_{0} \} = 1 - P \{ \sum_{i=1}^{n} \chi_{i} < C_{i} \mid m_{i} = m_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid m_{0} \mid m_{0} \mid m_{0} \mid m_{0} \in \pi_{0} \} = \{ \chi_{i} \land \chi_{i} \mid m_{0} \mid$ 1 3 = 1-P(2-mmo) => yerobue (1) municular bug:

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Ho = 1 m = no 4 aporub H= 1 m > no 3 panel parinoquibenais japara quebence Ho= 2n-nos monses M= 2m=m/2 & xope renaime nomenos nongreno nos mi-lo W= 1 26 In: = x = nmo + 61/2 \n 3 (5) Via morporumous muriques accoporumol le njeg japares muis es mis so aprificul es mis japares proporus principal proporus principal proporus principal mistro mante por mos apropris al fin sur principal mistro mos most por most proporus al fin sur principal mistro most proporus principal mistro most principal mistro m The arest number newscore bourse uprocure of the spirit one of the spirit of the spiri B Fere gagare una un-bo ranne japavir com (5) --COM I m m 10 11 6