f(71, Q1, Q2): 1 e -(11-01) VQ2 x 52x Likelihood functions L(0,02)= 7 f(ni,01,02) = 02-1/2 (27)-1/2 (27)-1/2 (27)-1/2 log L(D, D2) = - n/og la - n log 27 - E (ní-01) = 719 L(0, 0,) = -2 = (n, 0,) (-1) = 6. Eni - no120. 101 = 12 = Eni = 2 $\frac{\partial \log 1}{\partial \Omega_2} (\Omega_2, \Omega_3) = -n + \frac{2(n_1 - \Omega_1)^2}{2\Omega_2} = 0.$ -nl2+ 3 (mi-d1)2 20. $0\hat{j}^2 = (ni - \pi)^2$ Q12 Eni , Q2 = = (mi-x)2

