Likelyhood function: a) $\mathcal{L}(\theta|x) = f_{\theta}(x)$ (E, T2) = En2 - E T1/2 h (d (+, +,) = n-ln(ln 2) - ln 2 & E; in. (+> - Ln2 & t) - Tn2 = 7 = (m(z) \(\frac{\frac}\frac{\fir}}{\firan}}}}}{\firan{\frac{\frac{\frac{\frac{\frac}{\frac{\fra 0 = n 1 ct> - 4 = >> = h 2 Ct) => == Luz <6>

b= 2 /1/2> - Tiz ctos - Sdh, Fiz L((tilitaz) = Sdf, (ln2ct>) (ln2) exp(-tan & ta) = Solti La 2 Ct \ (In 2) exp(- (m2 n Ctg)) $= \left(\frac{\ln 2}{\ln 2} \right) \left(\frac{\ln 2$ 2 (m2) (m2) & Steerft Tizt) dt & over theile o (Sexp (tuz tix) dty) $= \frac{\ln 2}{\ln 2} \left(\frac{\ln 2}{\ln 2} \right) \ln \left(\frac{\ln 2}{\ln 2} \right)^2 \left(\frac{\ln 2}{\ln 2} \right)^{n-1}$ - Untless then

In the state of Also b= (7/2) - 1/2 = 0 => Un brased