Arrenting in as fixed, support is loss)
so condit 1 V (D) f(y) = \frac{1}{a} m y m-1 = y m/a $\frac{d}{da} = my^{m-1} \left(-\frac{e^{-y/a}}{a^2} + \frac{e^{-y/a}}{a^3} \right)$ (2) So readit $3) \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} \left(\frac{-e^{-3/a}}{a^2} + \frac{-y^{2/a}}{e^{-3/a}} \right) dy = 0$ FFJATAND FASTER Let w= ym dw = mym-1 dy dy = dw mym-1 = Smy m-1 (-25/2) dy + Smy m-1 m = 3/2 dy $= \int_{0}^{\infty} m_{y}^{m-1} \left(-\frac{e^{-m}}{e^{2}}\right) \frac{dm}{m_{y}^{m-1}}$ = -1 Se-w dw + Smym-1ym e dw = -1 Se-wdw + 1 S (aw) -e-w dw = - i se-wdw + a Swe-wdw

$$\int_{0}^{\infty} \int_{0}^{\infty} \int_{0}^{\infty} dx = \int_{0}^{\infty} \int_{0}^{\infty}$$

$$L(\alpha) = \prod_{i=1}^{n} \frac{1}{\alpha_{i}} \sum_{i=1}^{m} y_{i}^{m}$$

$$= \lim_{\alpha \to \infty} \prod_{i=1}^{n} y_{i}^{m-1} = \lim_{\alpha \to \infty} \sum_{i=1}^{n} y_{i}^{m}$$

$$= \lim_{\alpha \to \infty} \sum_{i=1}^{n} y_{i}^{m} \text{ is suff shat for } \alpha$$

· deriv wit wi.

$$\frac{1}{2} = \frac{\xi y^{i}}{a^{2}} \ge na = \xi y^{i}$$

$$\frac{1}{2} = \frac{\xi y^{i}}{n}$$