Paremetric Methods Nemples Neter ponts X= 2 x ; 3 N Dersity Estmanon => probability Listribution xi~p(xi) Yi x: ~N(xi; p, \sigma^2)

the best or parameter

the best or parameter N(PAJOZ)

$$\mathcal{R} = \frac{2(x_{C},y_{C})}{3} = \frac{2}{x_{C}} \times \frac{1}{x_{C}} \times \frac{1}{x_{C}}$$

LIKELTHOOD ESTIMATION (MLE) MAXIMUM $\chi = \{x: \}_{i=1}^{N} \quad xinp(xi|\theta_i) \quad \forall i$ xi's one i.i.d.

Widestrully & m dependently distributed Likelihood = p(x1, x2, ---, xu | a) > full gomt P(A,B) = P(A)P(B) $L(O_1|X) = P(X_1|O_1) p(X_2|O_1) ... - P(X_N|O_1) = |O_2(A)P(B)| = |O_2(A)$ log(a)+log(b)+ log likeliherd = log[II]p(xilla)] $\log(ab)$ = b. log(a) = \$ 109 (p(x2101))