In Ch &	, we are introduced to point and interes estimation -
	ally, how they can be used for target parameters.
	his method, we can account for several target parame
which .	of typically mudue population mean, variance, and
Standar	deviation.
	mation is used for accounting for bias, MSE, and the error
estima.	ion of the point estimators used.
Interval	estimeters calculate two numbers that form endpoints of
	nal based confidence limit
	ice Inscruous can often-times be used to columnia
popula	tion mean t variance
	stimators + interval estimators can also involve topics of
relative	efficiency, consistency, and minimum variance unbiased
estima-	
Such my	mods are typically used to find the most accurate
Control of the last of the las	

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(y; B, B, B) = \(\frac{1}{2}\tau \text{2} \text{2} \\ \frac{1}{2}\text{2} \\ \frac{1}{2}\text{2}\text{2} \\ \frac{1}{2}\text{2}\text{2} \\ \frac{1}{2}\text{2}\text{2}\text{2} \\ \frac{1}{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\text{2}\
 a) In L(BOB, 02; yi) = - 1 In (2 TOP) - 202 2 (4, -BO-B, x2)2
                   => In ((B, B, 02) yz) = - 1 In (2102) - 202 2 (4:-B.-B.x2)2
b) 2 ( Bo, B, 02; y:) = - 1 2 (y: - Fo - B, X:) X = -2
                                                                                                                                                 = - 2 (ye-Bo-B,xi)
c) \frac{\partial}{\partial B_1} \mathcal{L}(\beta_0, \beta_1, \beta_1^2; y_1) = -\frac{1}{20^2} \sum_{i=1}^{\infty} (y_1 - \beta_0 - \beta_1 x_1) x_1 \times \cdots \times y_n = \frac{1}{6^2} \sum_{i=1}^{\infty} (y_1 x_1 - \beta_0 x_1 - \beta_1 x_1^2)
d) de l(B.B. 02, y) = do (- 2mo2) - 102 (y,-B0-B,x1)2)
                                                                                                                                                     = -\frac{1}{2} - \frac{1}{2} \left( \frac{0^2 \times 6 - \frac{2}{2} (y_2 - B_0 - B_1 \times \epsilon^2)^2}{(\epsilon_1)^2} \right)
                                                                                                                                                  = = n + = (y;-$0-$1x;)=
   e) & l(B, B, B, B, B, B) =0 , == $ (y, -B, - B, x) =0
                                                                                     B. = ( 2 y; - P, 2 X; ) = 2 y; - B, 2 X; > B, = y - P, X
                                                                             => = 2 (y,x,-B,x,-B,x,2)
                                                                                                 = $ y, x, - $ (9-8x)x, - 8, $ x; = 0
                                                                                                   = \(\frac{2}{2} \text{ } \text
                                                                                                   > B. (2 (x:-x)2) = 2 y:x:-nyx
                                                                                                                                   B. = Z Xy: - NYX
                                                                      2= = = = (y; -80-8, x) = B= y-A, x
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