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A way to compare in general solution of the support of a uniform distribution as exercise

A way to compare in general solutions and so therefore to the system that has baded point

Of. An administer So. Socialist minimax commuter of $g(\Theta)$ on $\Theta = C O fine he has function

If it is administer to the infimum to take one all edimenters of <math>g(O)$ We assume that VO = C OFig. $I(X_1) = I(A) IO (Ax) C O$ We assume that VO = C OFig. $I(X_1) = I(A) IO (Ax) C O$ The instance of G(O)We inhoduce the Statistic Xn = 1 = Xi. Therefore Xn is an unbrased echinator of g(0) By definition XI is also an unbiased colimator of g (8) Choosing the quadratic loss function ((x,y): (x-y)2 we get R(Xn 0) = F = (Xn - 90)2) = Fol 1 (E(Xi - g(D))) $\frac{1}{n^2} \mathbb{E} \left(\frac{1}{n^2} \left(\frac{1}{n^2} - \frac{1}{n^2} \left(\frac{1}{n^2} \right) \right)^2 + \frac{1}{n^2} \frac{1}{n^2} \left(\frac{1}{n^2} - \frac{1}{n^2} \left(\frac{1}{n^2} - \frac{1}{n^2} \right) \right) \frac{1}{n^2} \right)$ $=\frac{1}{n^2} \int_{\mathbb{R}^2} \left[\left(\frac{x_1 - y_1(0)}{x_1 - y_2(0)} \right) \right] \frac{1}{n^2} \left[\frac{\hat{z}}{x_1} \right] \left[\frac{x_1 - y_2(0)}{x_2 - y_2(0)} \right] \frac{1}{n^2} \left[\frac{\hat{z}}{x_1 - y_2(0)} \right] \frac{1}{n^2} \frac{1}{n^2} \frac{\hat{z}}{x_1 - y_2(0)} \frac{1}{n^2} \frac$ 1 to [(x, -90))?] 1 RL (X1 8) herefore for n>1 and E (X1-g(0))2) >0 for at least one & XI (as an edimator aloremani ai ((a) B Ranale: Los Junctions wouldy salvoy he following properties: (i) L(z,y) = b(z-y) (ii) f: Rd > Rt (with & CRd) - f(0) to or fin continuous and f \$ 0



