$$R = \left\{ (x_1, \dots, x_n) : \frac{x_1 + \dots + x_n}{n} > c \right\}$$

level of
$$c \ge \frac{\sqrt{1-\alpha}}{\sqrt{n}}$$

Bet. Supposi HKE(0,1) un have a size x . test with nejection region Ra. . . . Thu .p-value = inf. {.x: (X,,..., Xn) + Rx }, . . . $\frac{f \cdot x}{R} = \frac{5}{7}(x_1, \dots, x_n) : \frac{x_1 + \dots + x_n}{n} > \frac{D^{-1}(F \cdot \alpha)}{\sqrt{n}}$ $P = \frac{1}{\alpha} + \frac{1}{\alpha} +$ $=\frac{1}{N}\frac{1-1}{N}=\frac{1}{N}\frac{1-1}{N}$ $= (1 - \frac{1}{2} \left(\sqrt{n} (X_n) \right))$ Th. Suppose Ra = { (x1,..., xn): T(x1,..., xn) > ca} p-volu: 50 [[T(X',...,X',)>T(X,,...,X',) X',~Fo] p-value is prob et observing mone extreme dont, ...
given Ho (i.e. De E)