08/10/2020 p(x,y) = p(x)p(y) $E\{xyp(x,y)dxdy$ $\int \int xy p(x)p(y)dxdy$ $= \int x p(x) dx \int y p'y dy$ = E(X (E(Y) l

 $E(XYY) - E(XYE(YY = T_{X,Y} = O)$