Example 1.21  $P(Y=0) = \frac{3}{4} \quad P(Y=1) = \frac{1}{4}$   $P(X=1|Y=0) = P(X=2|Y=0) = \frac{1}{2}$   $P(Z=1|Y=0) = P(X=2|Y=0) = \frac{1}{2}$   $P(Z=1|Y=0) = P(X=2|Y=0) = \frac{1}{2}$   $P(Z=1|Y=0) = P(X=2|Y=1) = \frac{1}{2}$   $P(Z=1|Y=0) = \frac{1}{2}$  P(Z=1|Y=0