

# Acceptance - Rejection

تایید

X

Y

X = 1, 2, 3, 4, 5

Y = 1, ..., 5

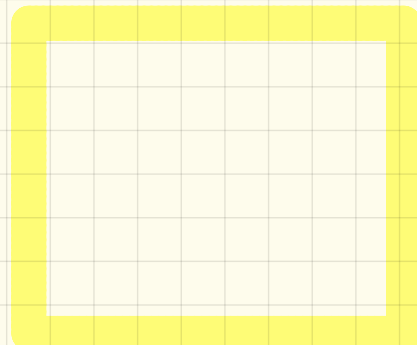
0.21      0.19 0.18  
0.22                  0.2

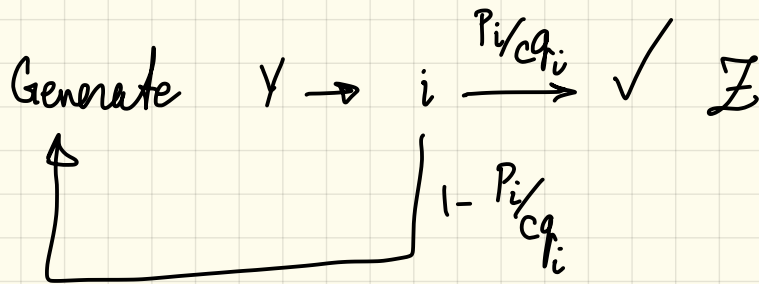
0.2      0.2

$P_1, \dots, P_5$

$q_1, \dots, q_5$

$$C = 1.1 \Rightarrow P_i \leq C q_i \quad \forall i$$





$$P(Z=i) = P(Y=i, \text{قبول } i) = \underbrace{P(Y=i)}_{q_i} \times P(\text{قبول } i | Y=i)$$

$$= \frac{P_i}{cq_i}$$

$$= \frac{P_i}{c}$$

