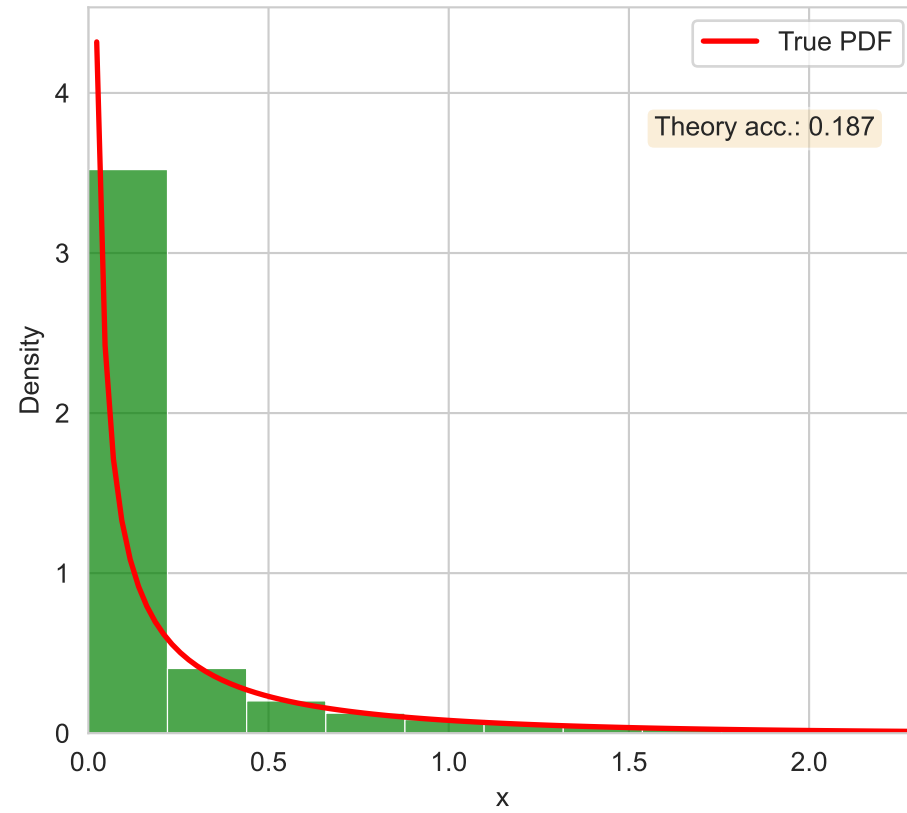
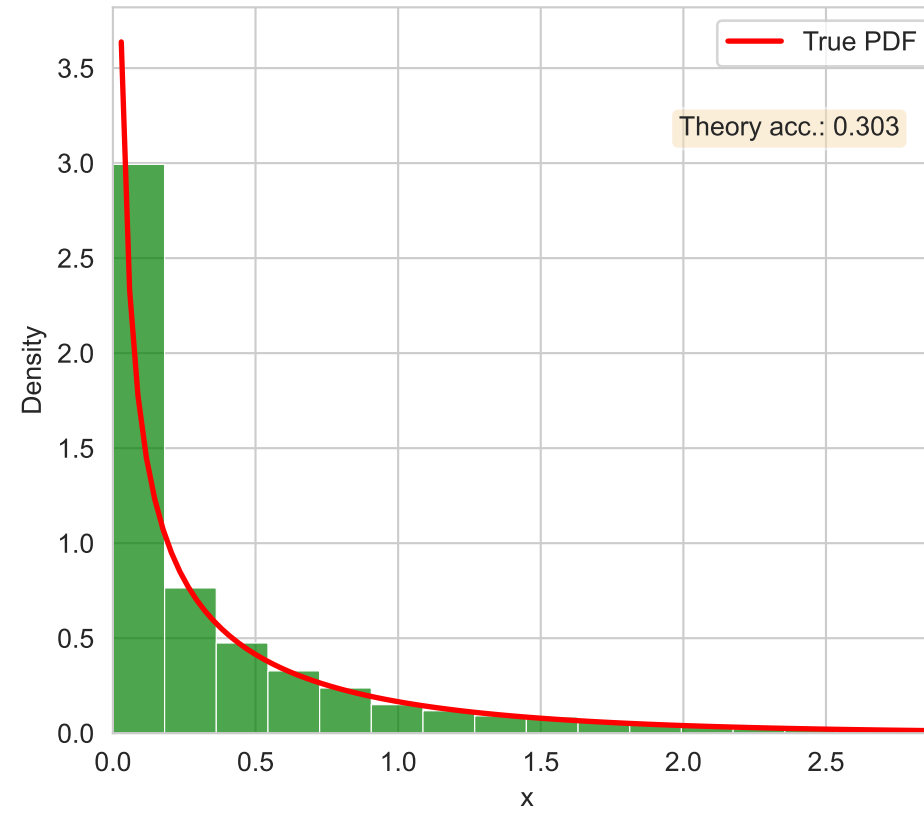


Exercise 2.5: Jöhnk's Algorithm - Generate Gamma(a,1) for $a \in (0,1)$

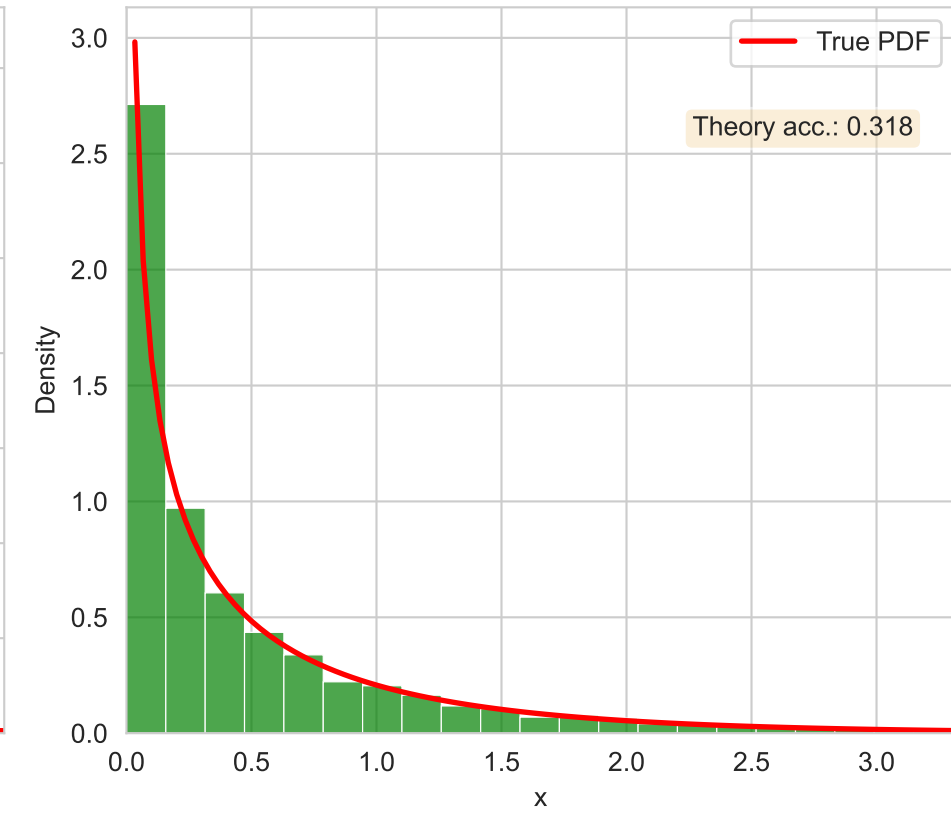
$a = 0.2$: Gamma(0.2,1)
Acceptance rate: 0.851



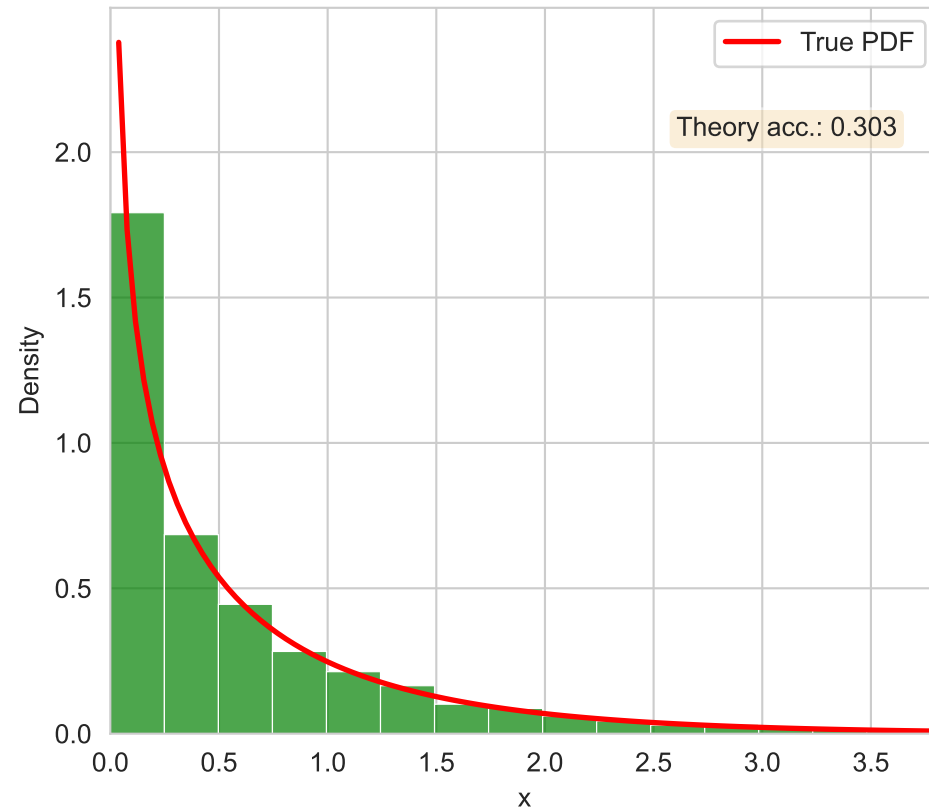
$a = 0.4$: Gamma(0.4,1)
Acceptance rate: 0.792



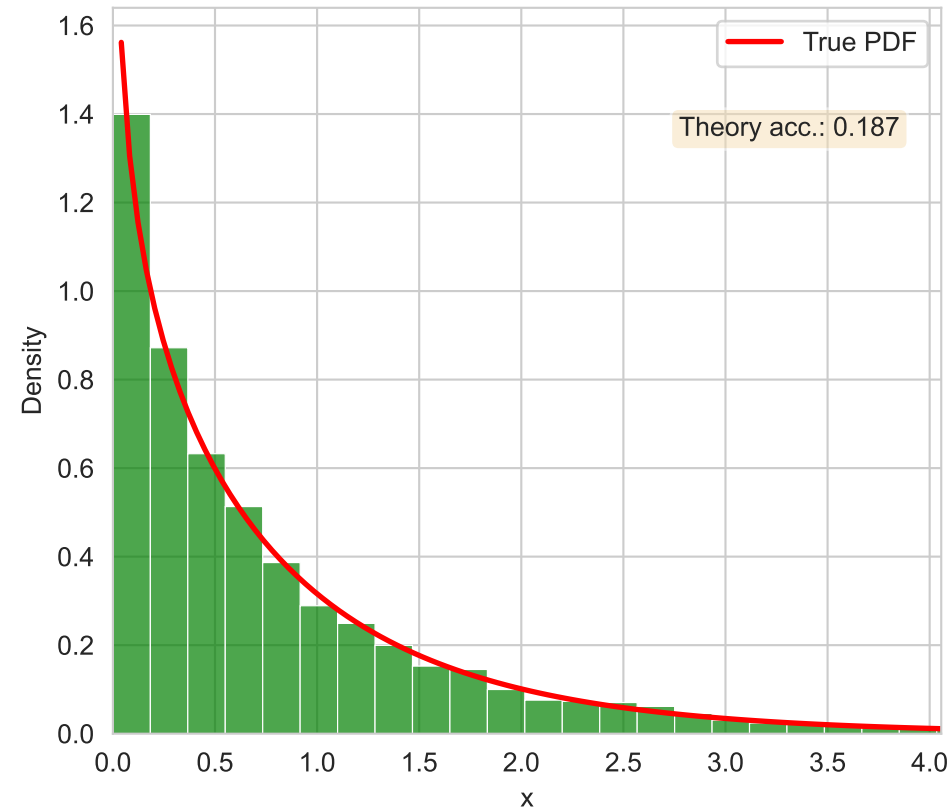
$a = 0.5$: Gamma(0.5,1)
Acceptance rate: 0.783



$a = 0.6$: Gamma(0.6,1)
Acceptance rate: 0.796



$a = 0.8$: Gamma(0.8,1)
Acceptance rate: 0.860



$a = 0.9$: Gamma(0.9,1)
Acceptance rate: 0.913

