P(X is at least 1) =
1
P(X<5)=
0.85
Mean of X =
2.94
E(X²)=
10.36
P(Y≤2)=
Var(3−2/X)=
Var(X) =
1.7164
0.304
0.19
P(1<X<5)=
0.67
E(3−2/X)=
2.1
E(X+2/3)=
3.35
Var(4/X)=
1.216
Mean area of rectangle =
3.25
E(4/X)=
2.7
E(Y)=
P(X>3) =
Var(3/X+2)=
E(Y²)=
0.35
0.684
1.8
7.72
E(2X+3)=
8.88
Var(2X+3)=
6.8656
E(3Y−2)=
1.9
Var(3Y−2)=
3.87
Variance of area of rectangle =
6.1
Var(Y) =
0.43
0.0436
16.78
0.45
Var(1/Y)=
Mean perimeter of rectangle =
E(1/Y)=
0.22
E(Y−1)=
0.42
Var(1/X)=
0.076
E(1/X²)=
0.2785