## Tarea 8

## Martin Santamaria

17/8/2020

## Ejercicio 1

$$X \sim B\left(5, \frac{1}{6}\right)$$

## 0.19624485596707808

1 - binom.cdf(1,n,p)

## Ejercicio 2

Sea X : "Número de USBs defectuosos"

$$X \sim B\left(10, \frac{1}{10}\right)$$

```
• P(X = 0)

n = 10

p = 1/10

binom.pmf(0,n,p)
```

## 0.3486784400999993

```
• E(X)

m = binom.stats(n = n, p = p, moments = 'm')

print(f"E(X) = {m}")

## E(X) = 1.0
```