

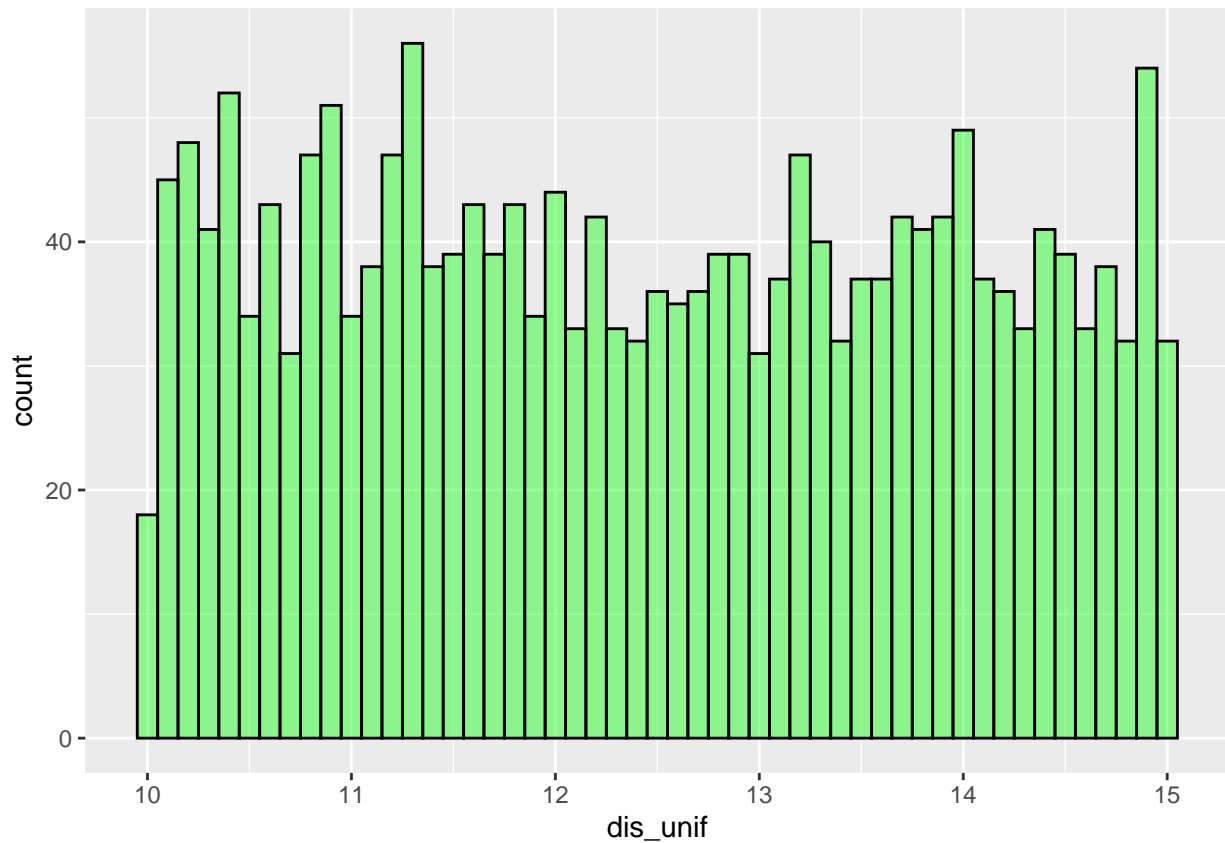
Distribuciones de probabilidad

2022-06-22

Distribución uniforme

```
dis_unif<-runif(2000,10,15)
dis_unif<-data.frame(dis_unif)

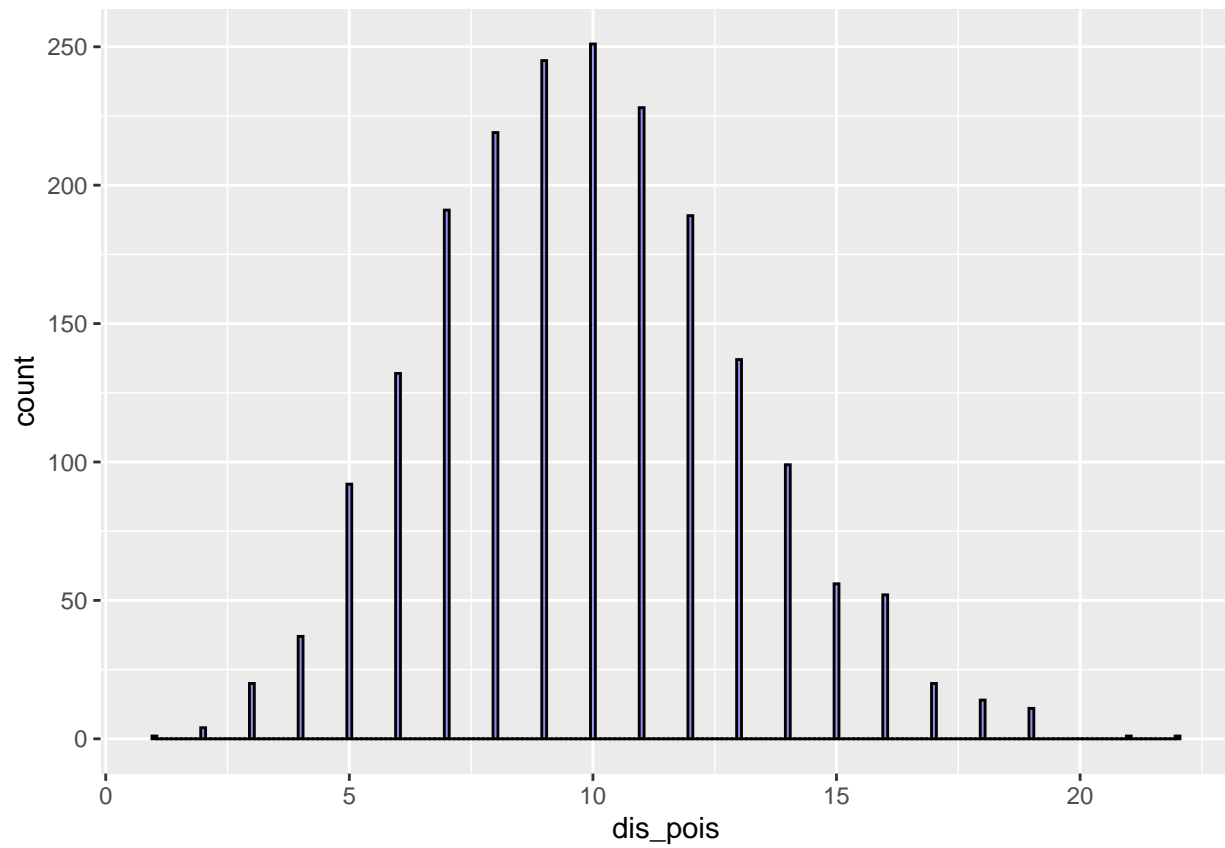
ggplot(dis_unif, aes(x=dis_unif))+
  geom_histogram(binwidth = 0.1, col='black', fill='green', alpha=0.4)
```



Distribución Poisson

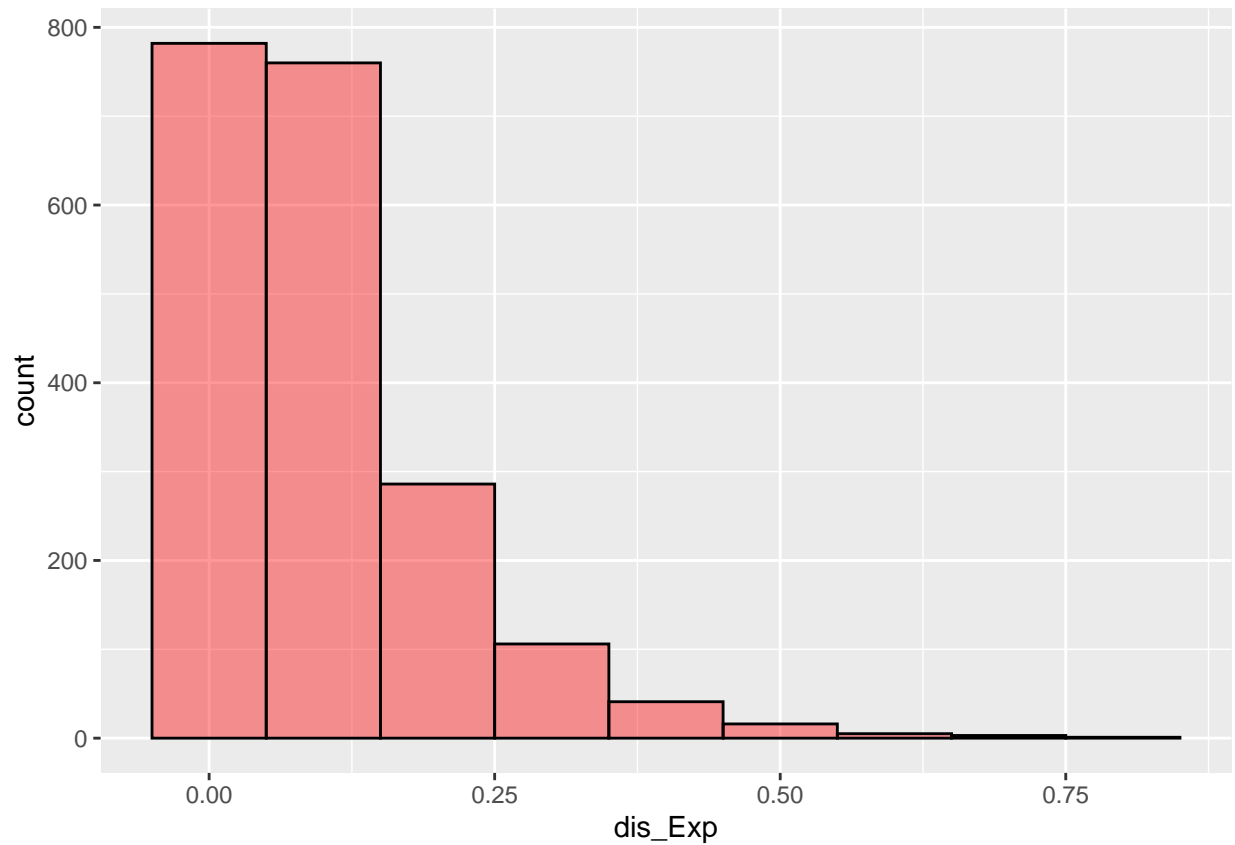
```
dis_pois<-rpois(2000,10)
dis_pois<-data.frame(dis_pois)
```

```
ggplot(dis_pois, aes(x=dis_pois))+
  geom_histogram(binwidth = 0.1, col='black', fill='blue', alpha=0.4)
```



Distribución Exponencial

```
dis_Exp<-rexp(2000,10)
dis_Exp<-data.frame(dis_Exp)
ggplot(dis_Exp, aes(x= dis_Exp))+
  geom_histogram(binwidth = 0.1, col='black', fill='red', alpha=0.4)
```



Distribución Bernoulli

```
dis_binom<-rbinom(8,100,0.6)
dis_binom<-data.frame(dis_binom)

ggplot(dis_binom, aes(x= dis_binom))+
  geom_histogram(binwidth = 0.1, col='black', fill='pink', alpha=0.4)
```

