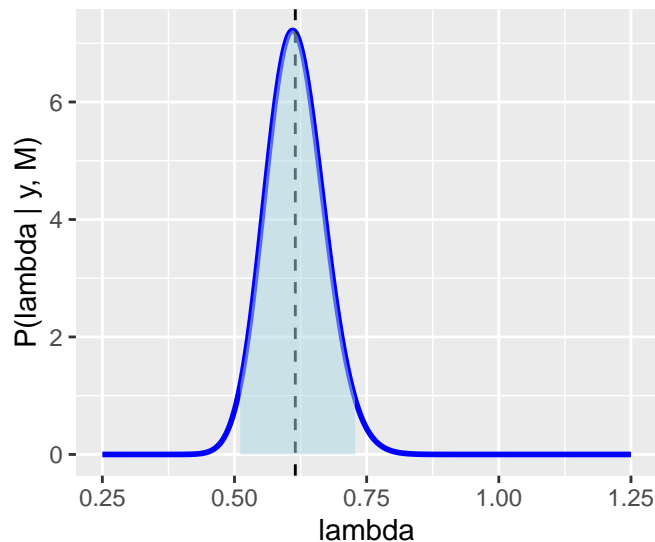


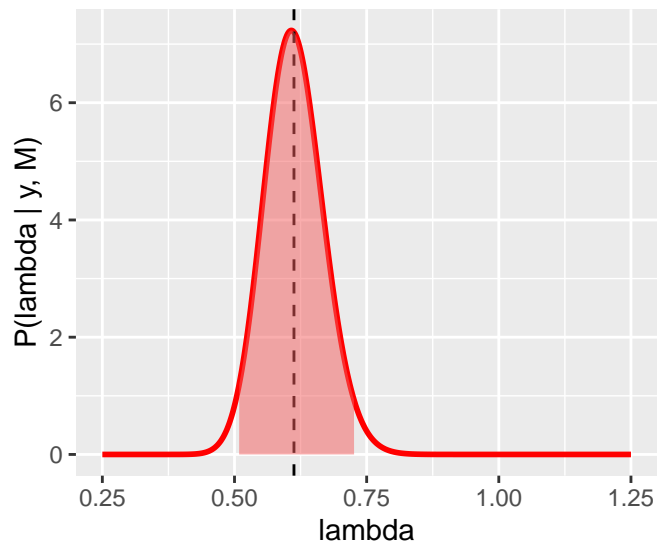
Ex. 1 : Compute Posteriors



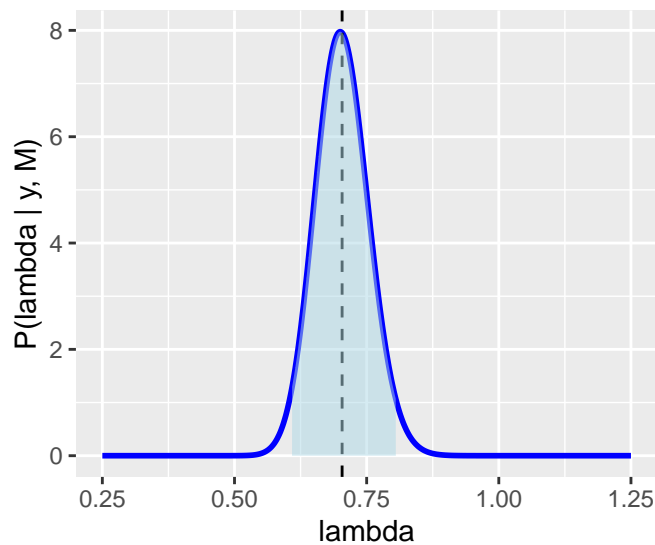
n1 From Uniform Prior



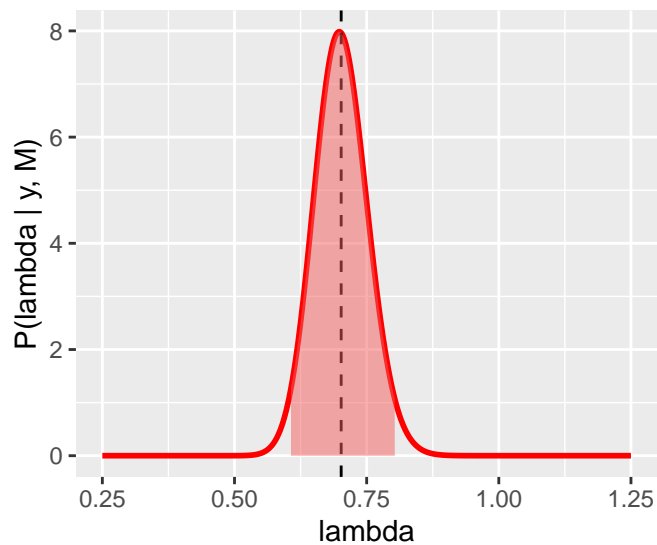
n1 From Jeffrey's Prior



n2 From Uniform Prior

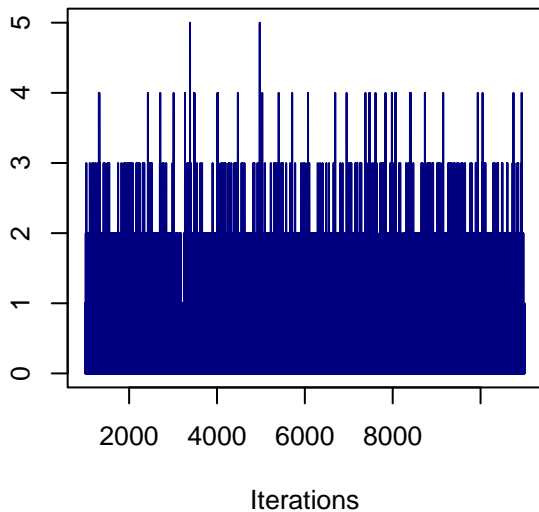


n2 From Jeffrey's Prior

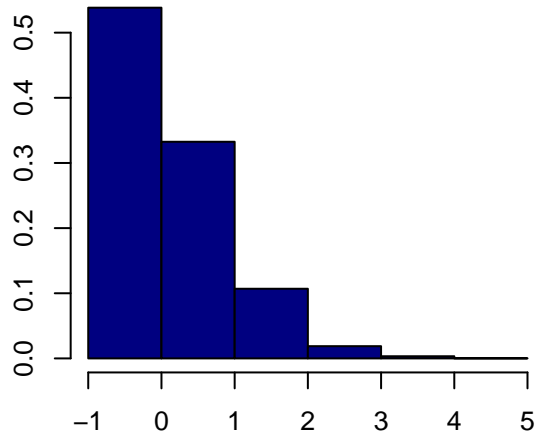


	Mean	St Dev	Median	95% C.I. sx	95% C.I. dx
<i>n1 Uniform</i>	0.615	0.055	0.613	0.511	0.728
<i>n1 Jeffrey's</i>	0.613	0.055	0.611	0.509	0.726
<i>n2 Uniform</i>	0.704	0.05	0.702	0.609	0.805
<i>n2 Jeffrey's</i>	0.702	0.05	0.701	0.607	0.803

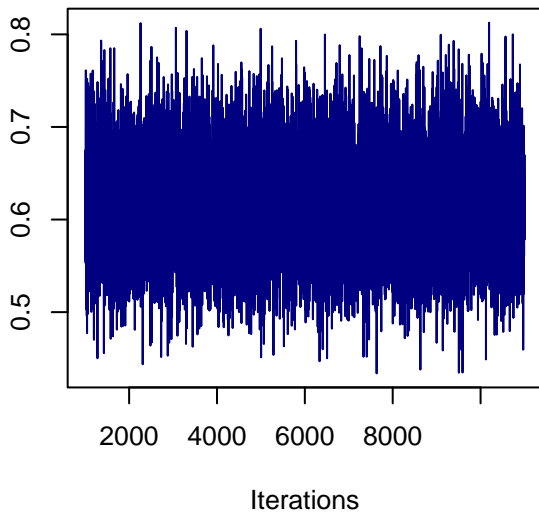
Trace of Y



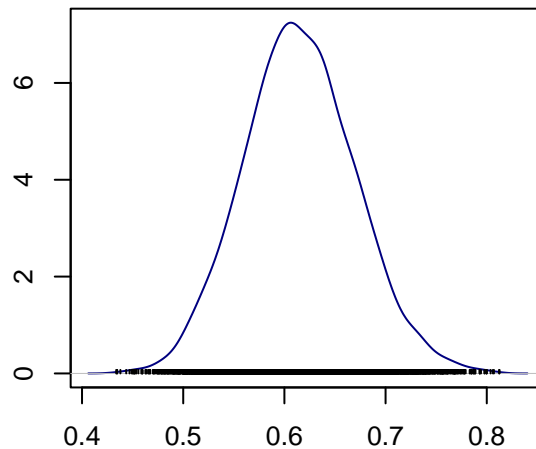
Density of Y



Trace of lambda

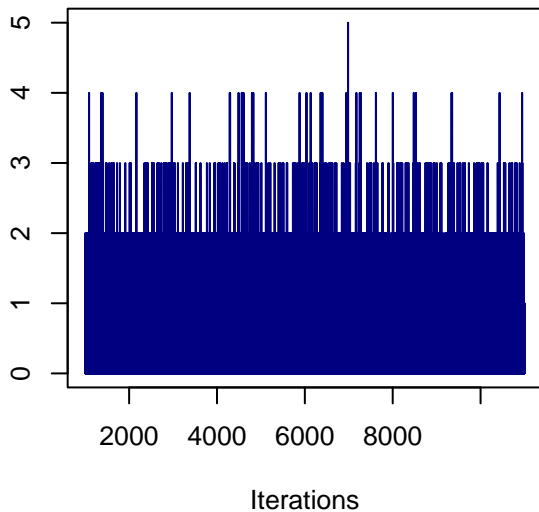


Density of lambda

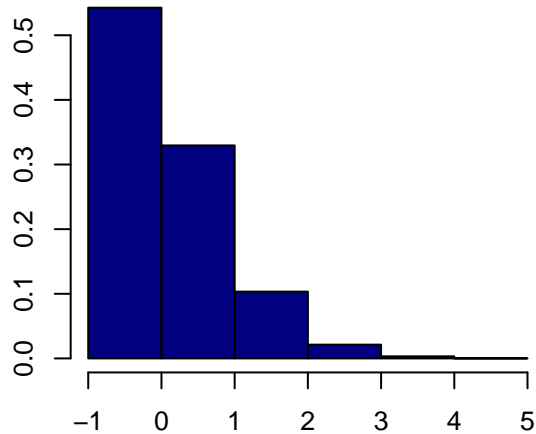


N = 10000 Bandwidth = 0.00922

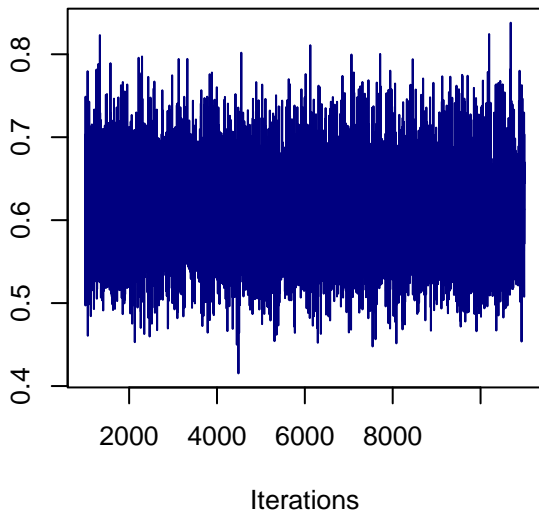
Trace of Y



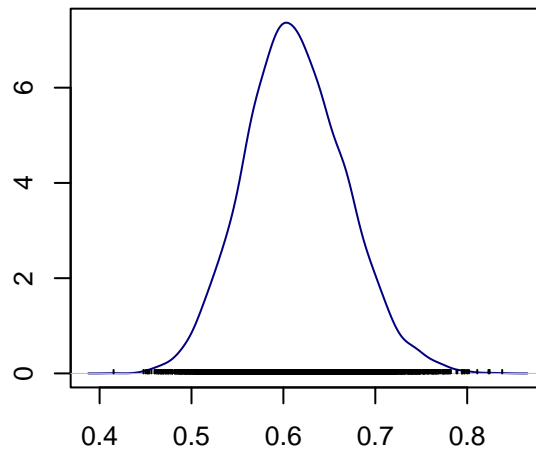
Density of Y



Trace of lambda

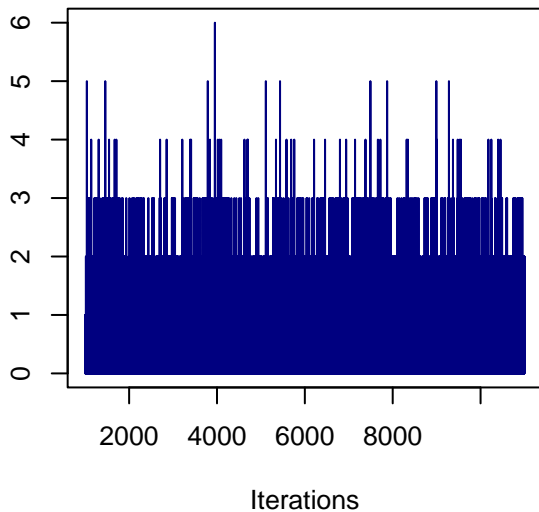


Density of lambda

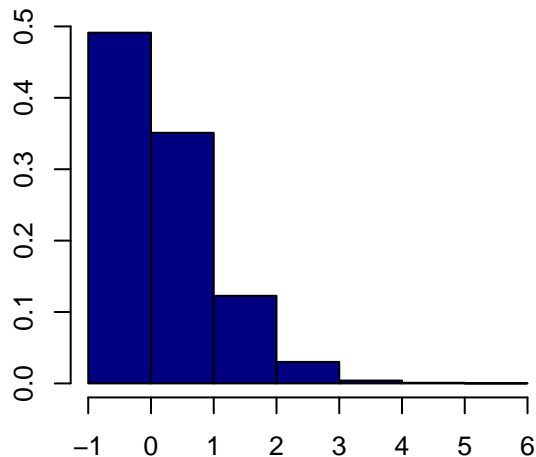


N = 10000 Bandwidth = 0.009184

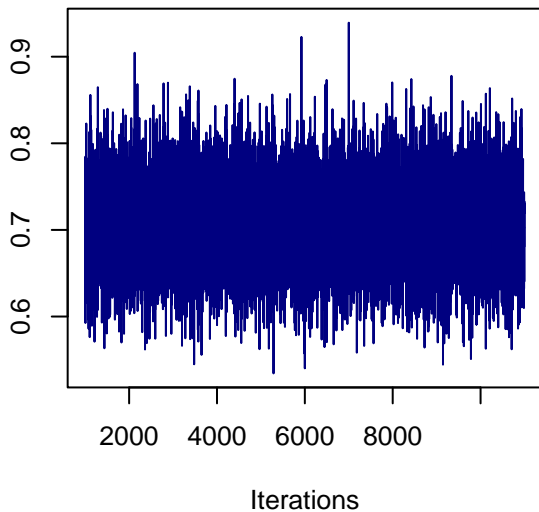
Trace of Y



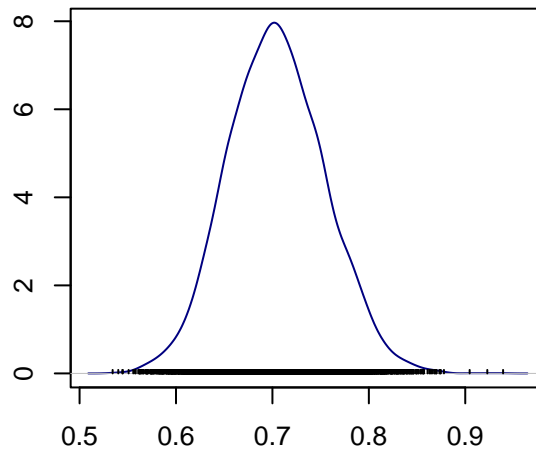
Density of Y



Trace of lambda

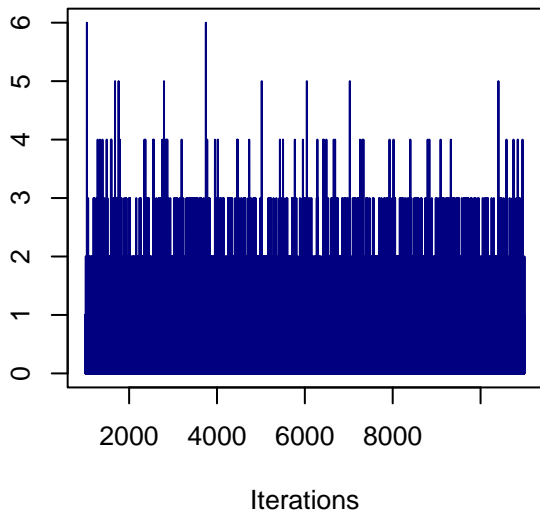


Density of lambda

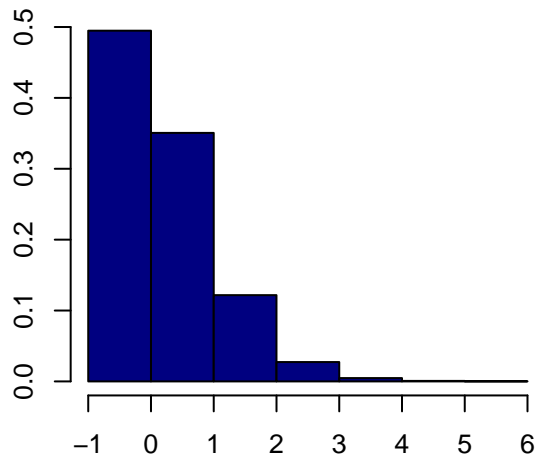


N = 10000 Bandwidth = 0.008433

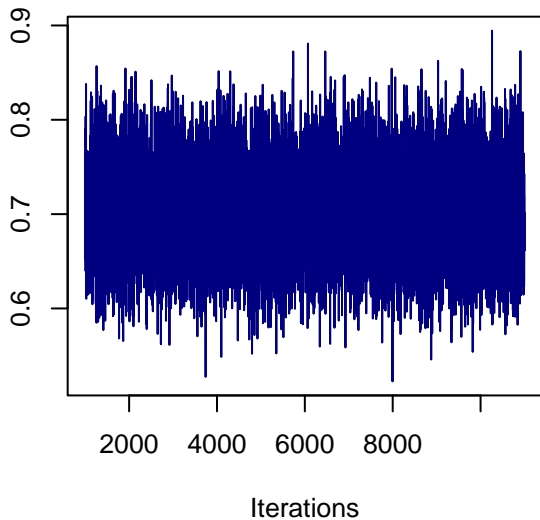
Trace of Y



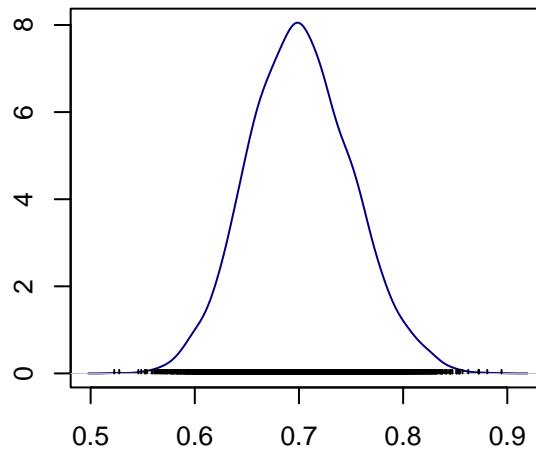
Density of Y



Trace of lambda



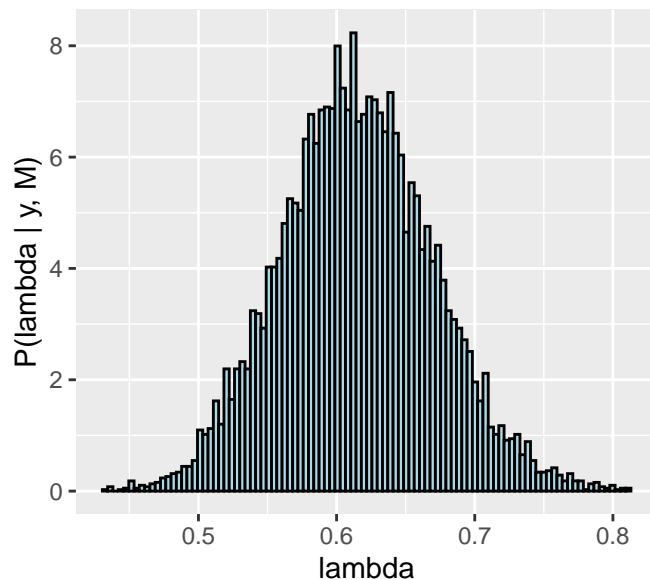
Density of lambda



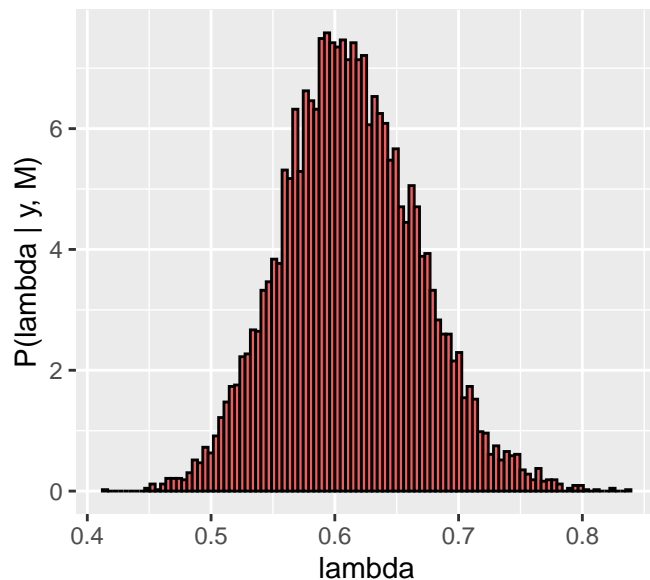
N = 10000 Bandwidth = 0.008313

Ex. 2 : Inference on Lambda

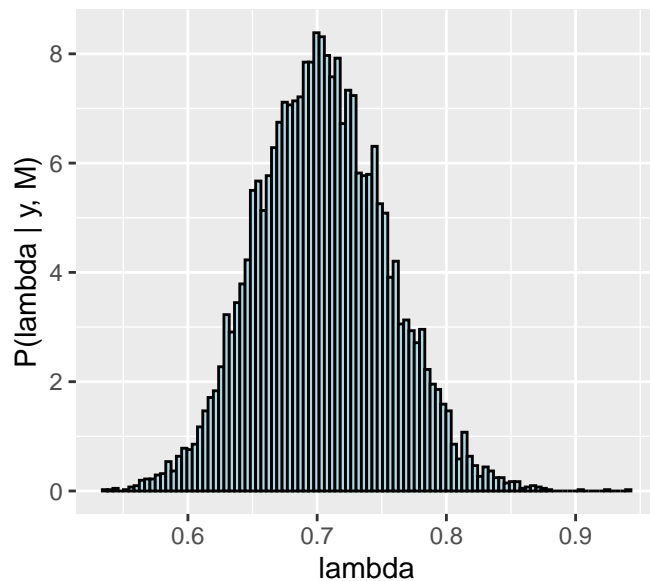
n1 From Uniform Prior



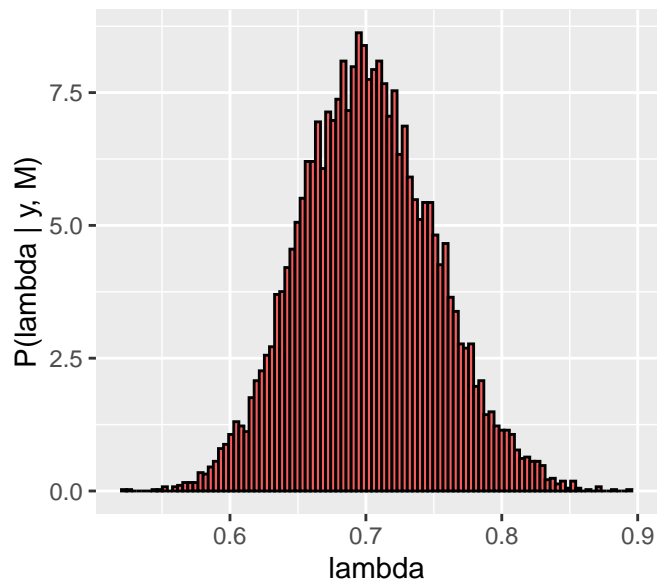
n1 From Jeffrey's Prior



n2 From Uniform Prior

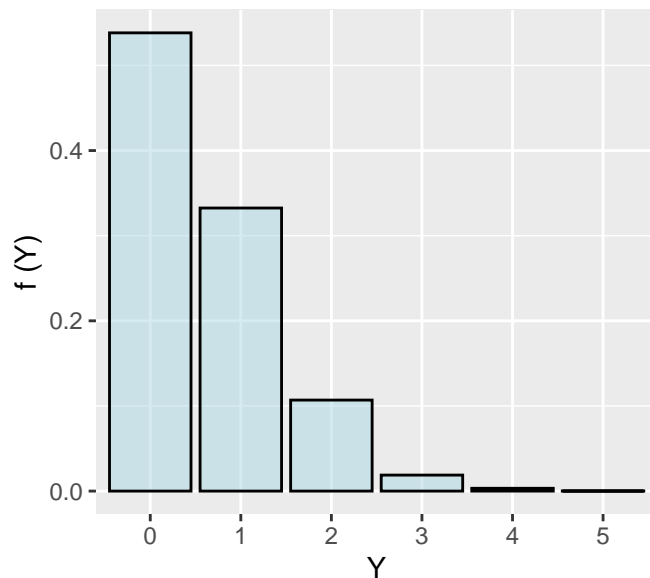


n2 From Jeffrey's Prior

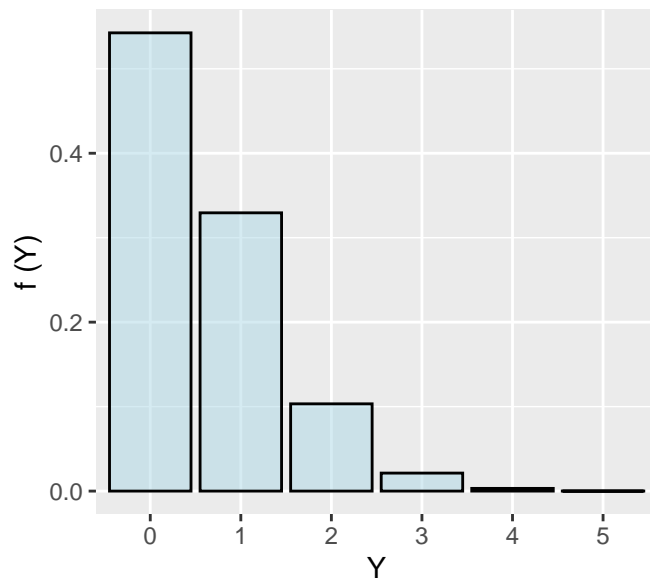


Ex. 2 : Predicted Counts

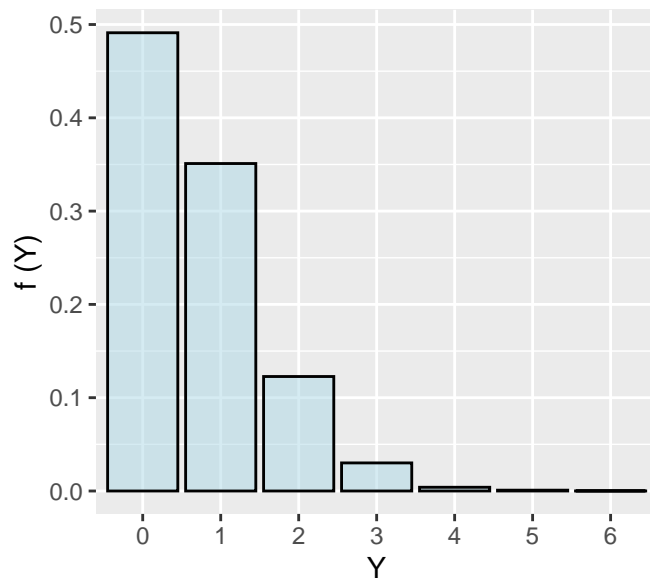
n1 From Uniform Prior



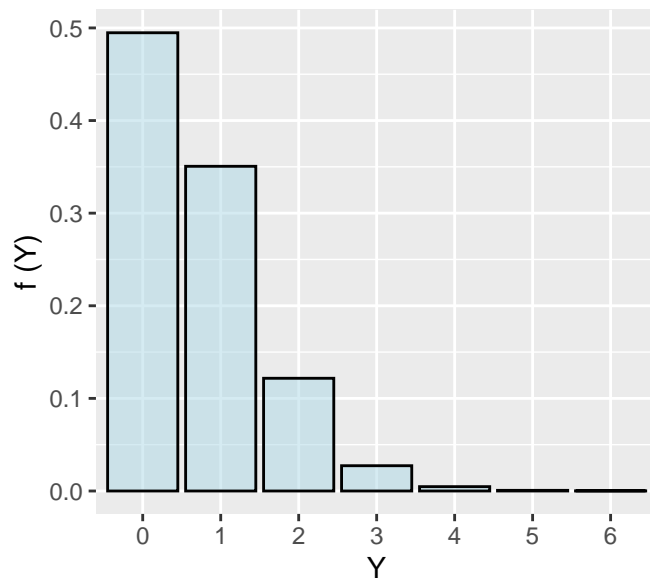
n1 From Jeffrey's Prior



n2 From Uniform Prior

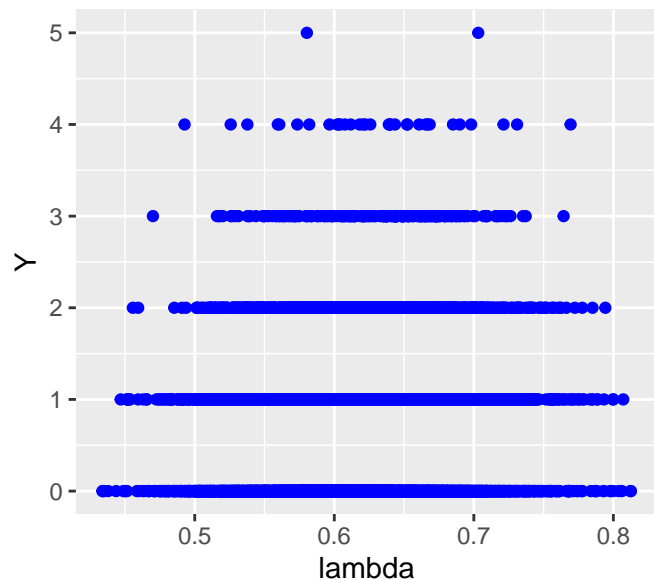


n2 From Jeffrey's Prior

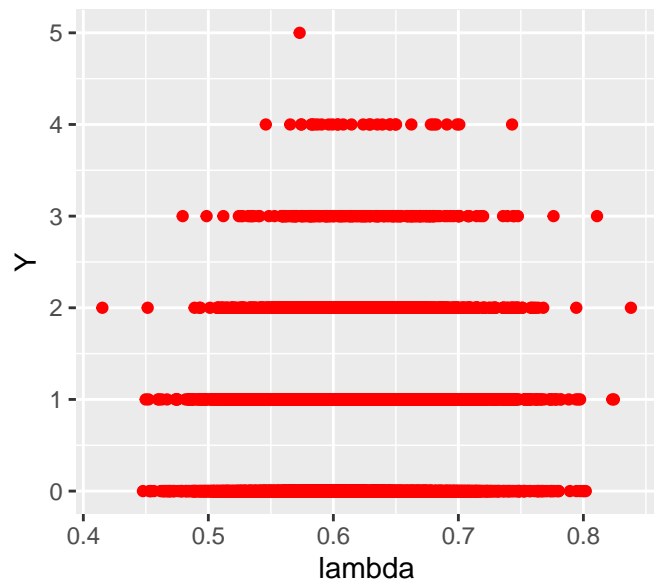


Ex. 2 : Correlation Plot

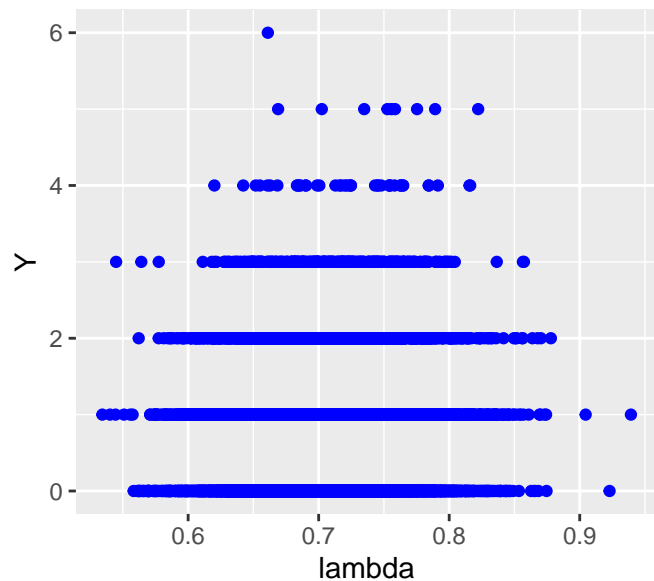
n1 From Uniform Prior



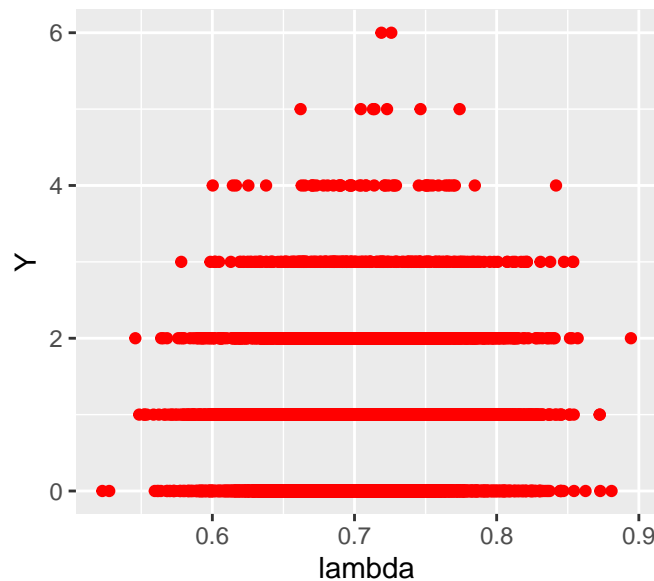
n1 From Jeffrey's Prior



n2 From Uniform Prior



n2 From Jeffrey's Prior



	Mean	St Dev	Median	95% C.I. sx	95% C.I. dx
<i>n1 Uniform</i>	0.615	0.055	0.613	0.511	0.728
<i>n1 Jeffrey's</i>	0.613	0.055	0.61	0.51	0.725
<i>n2 Uniform</i>	0.704	0.05	0.703	0.61	0.804
<i>n2 Jeffrey's</i>	0.701	0.049	0.7	0.607	0.803

Ex. 3 : Frequentist Test

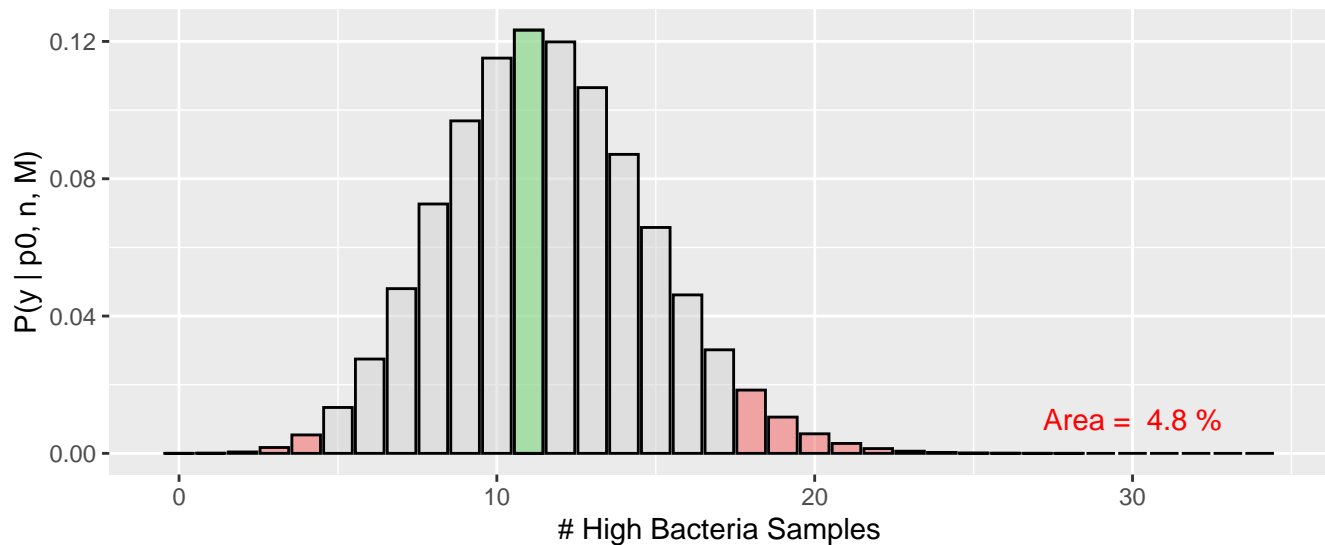


Observed Value

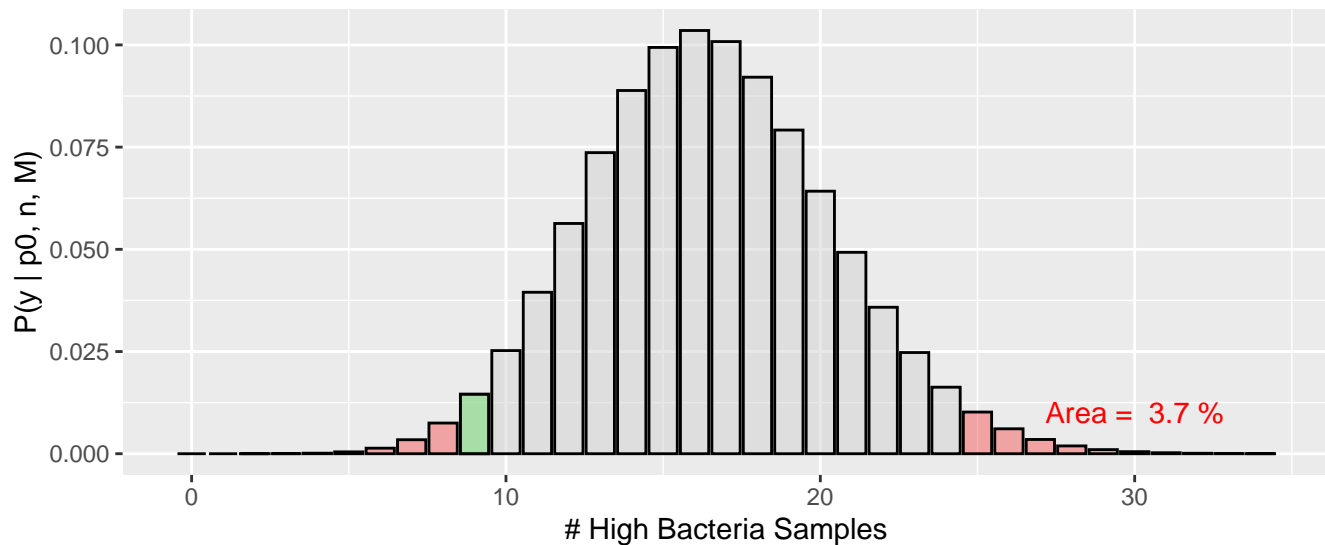


Rejection Region
 $\alpha = 5\%$

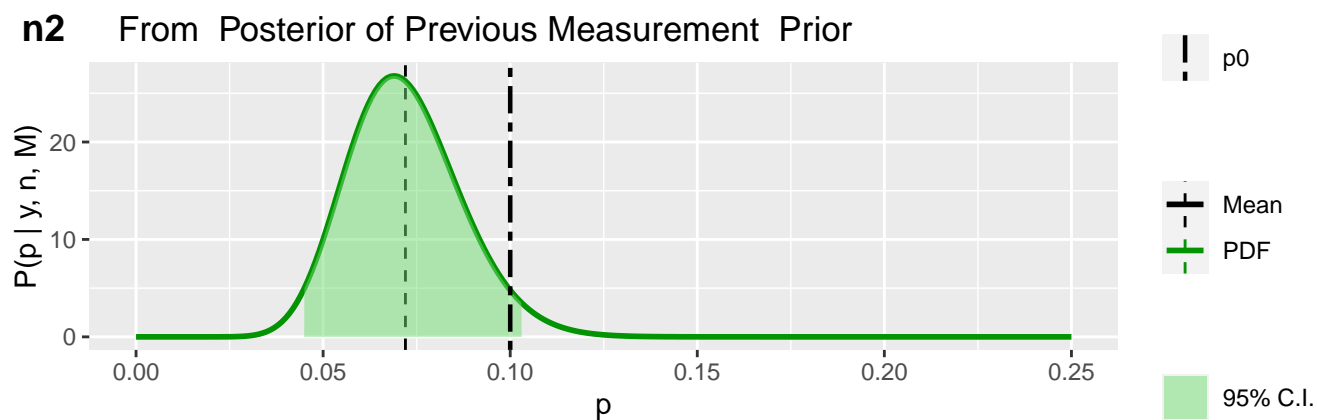
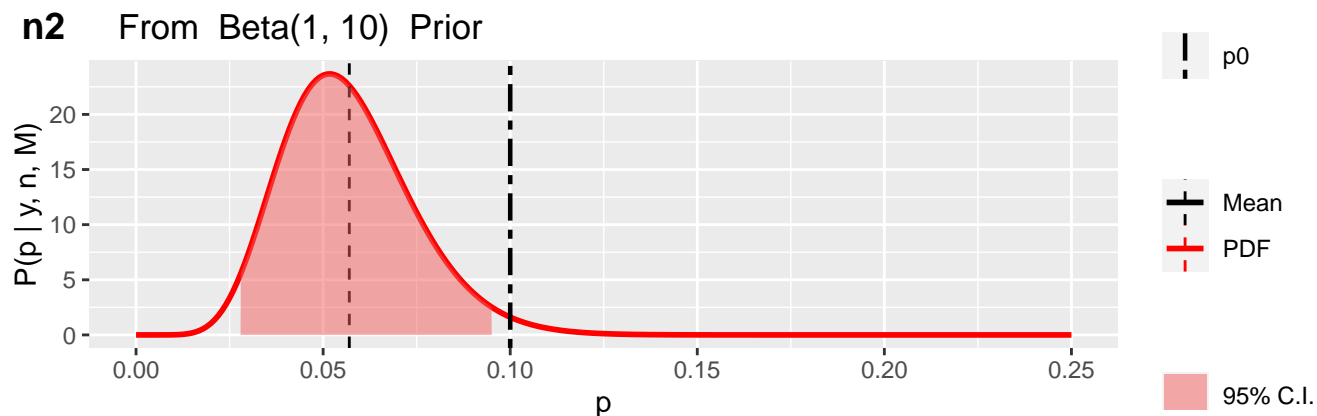
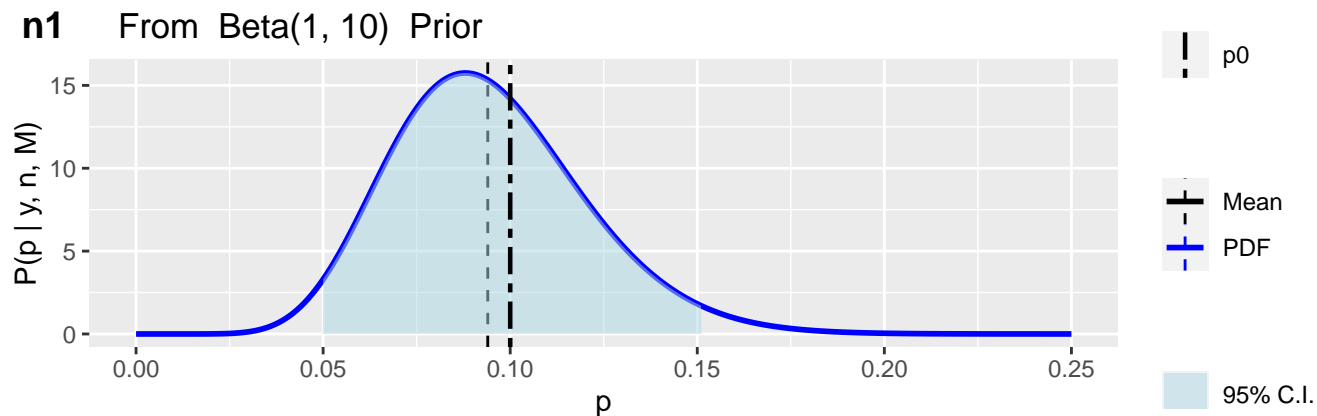
n1



n2

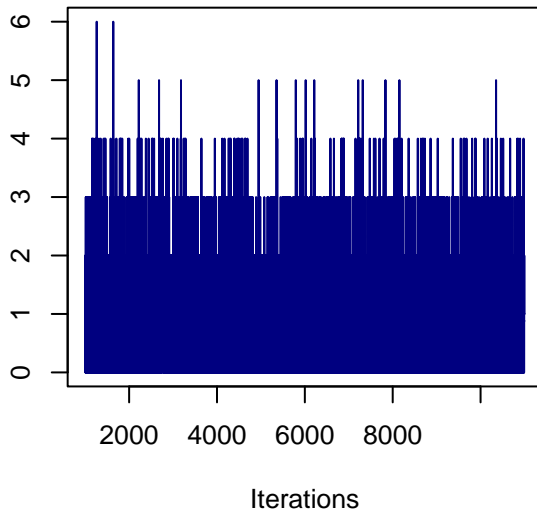


Ex. 3 : Bayesian Test

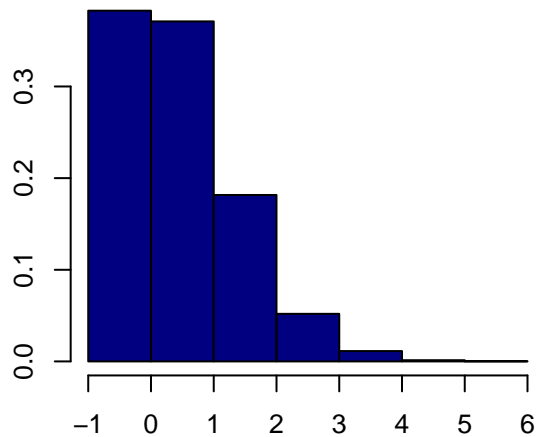


	Mean	St Dev	Median	95% C.I. sx	95% C.I. dx
<i>n1 Beta</i>	0.094	0.026	0.092	0.05	0.151
<i>n2 Beta</i>	0.057	0.017	0.055	0.028	0.095
<i>n2 Prev. Post.</i>	0.072	0.015	0.071	0.045	0.104

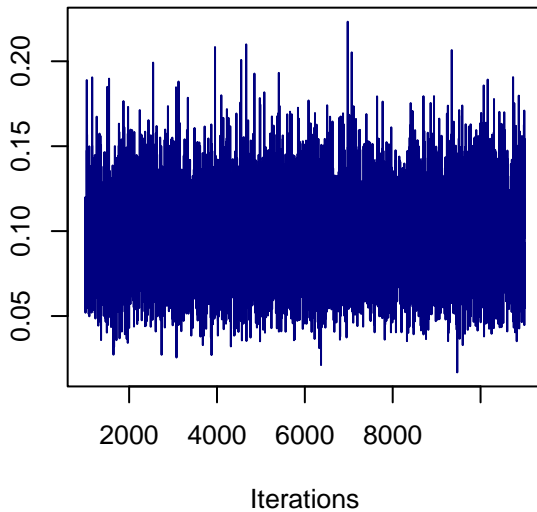
Trace of Y



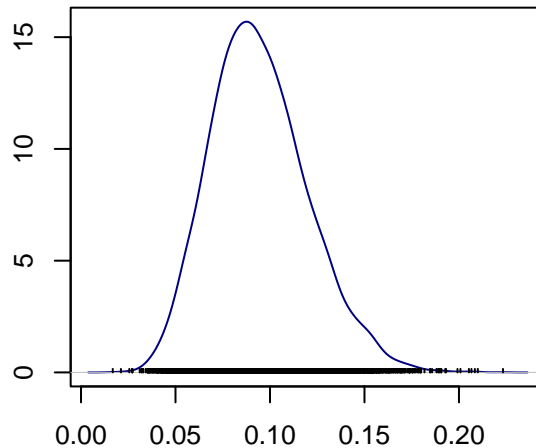
Density of Y



Trace of p

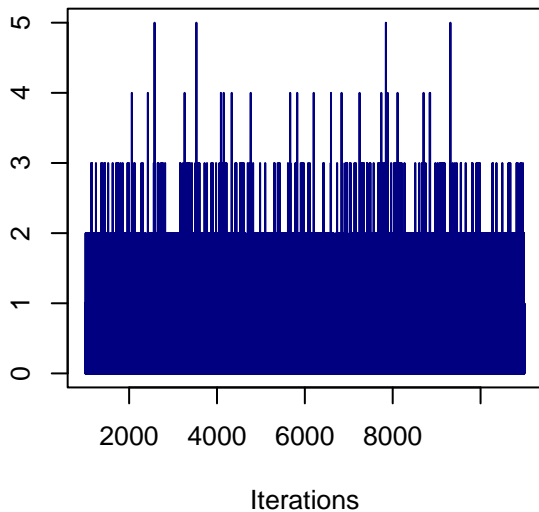


Density of p

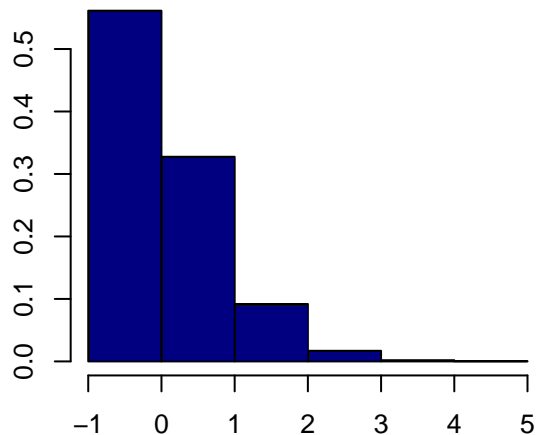


N = 10000 Bandwidth = 0.004325

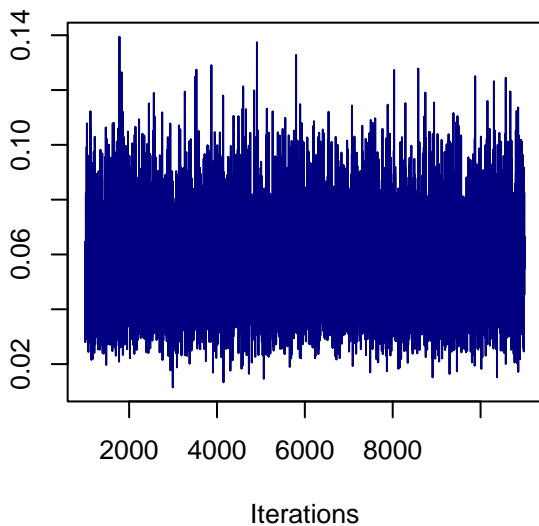
Trace of Y



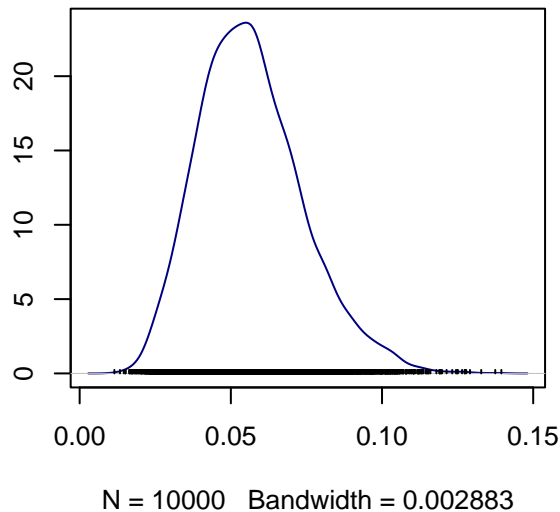
Density of Y



Trace of p

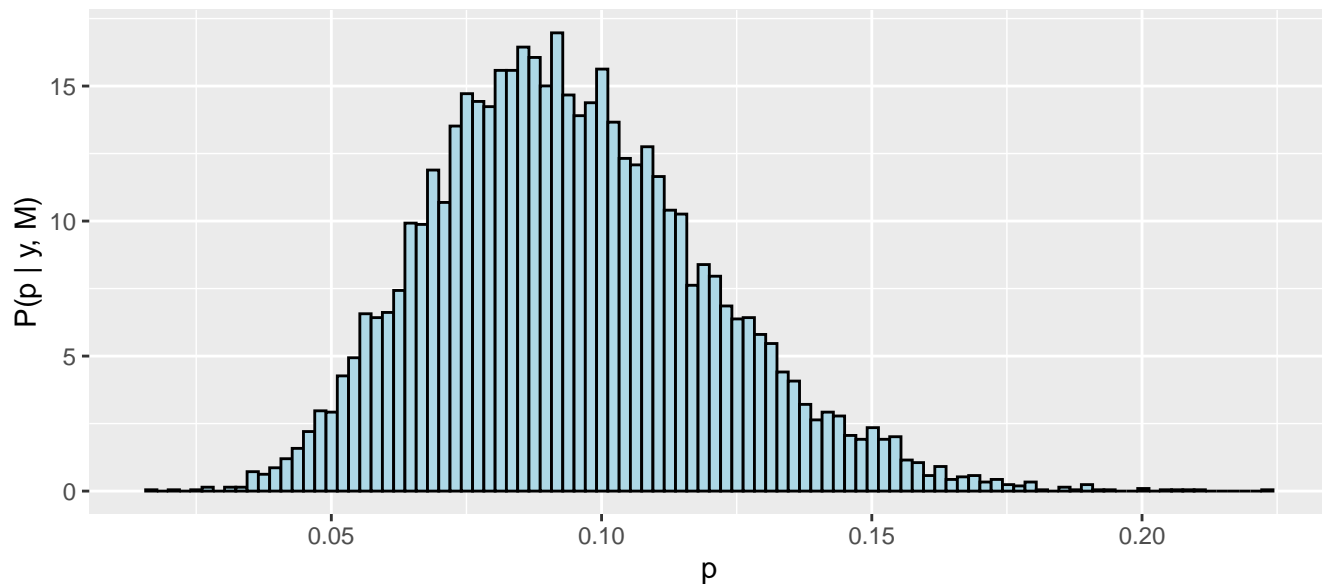


Density of p

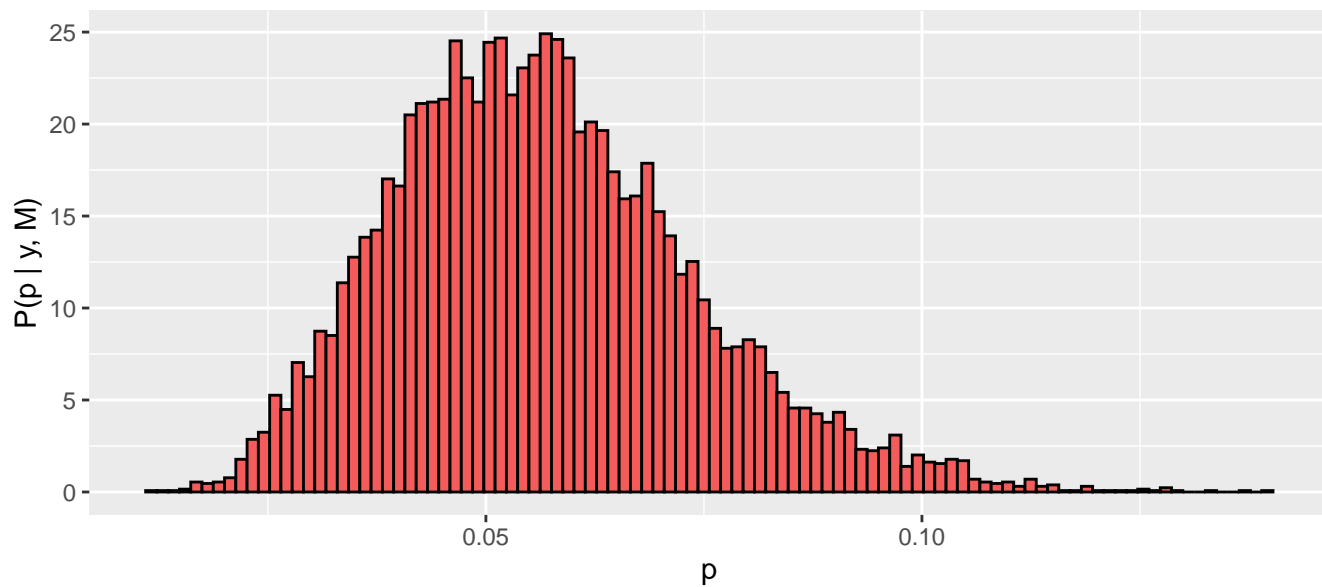


Ex. 4 : Inference on p

n1 From Beta(1, 10) Prior

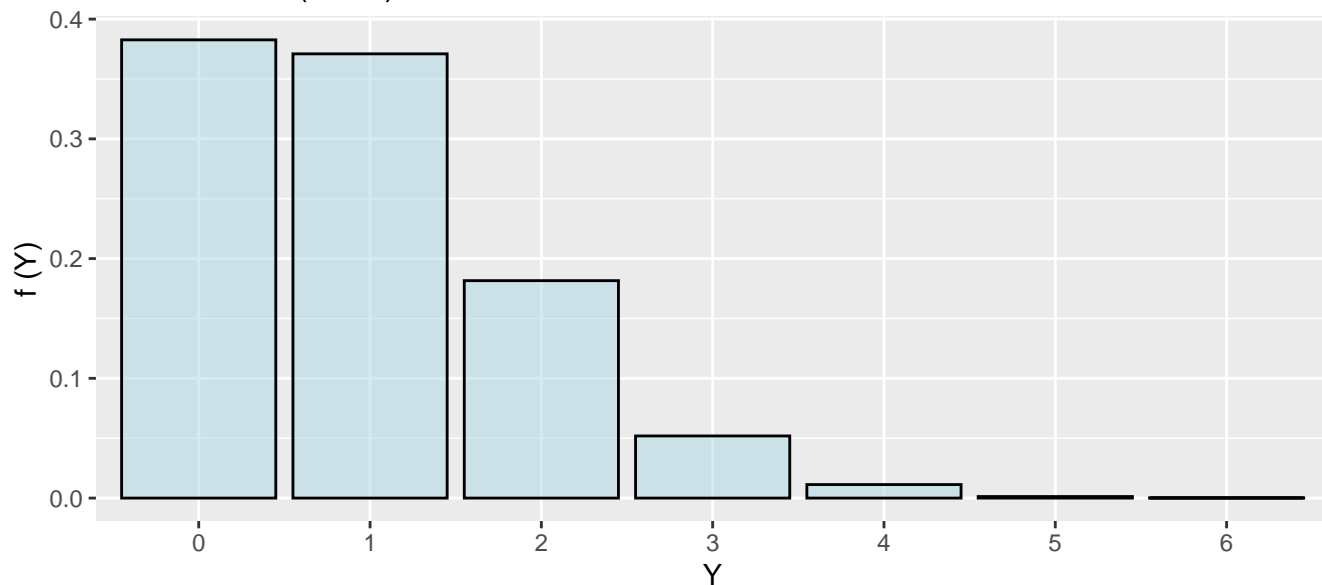


n2 From Beta(1, 10) Prior

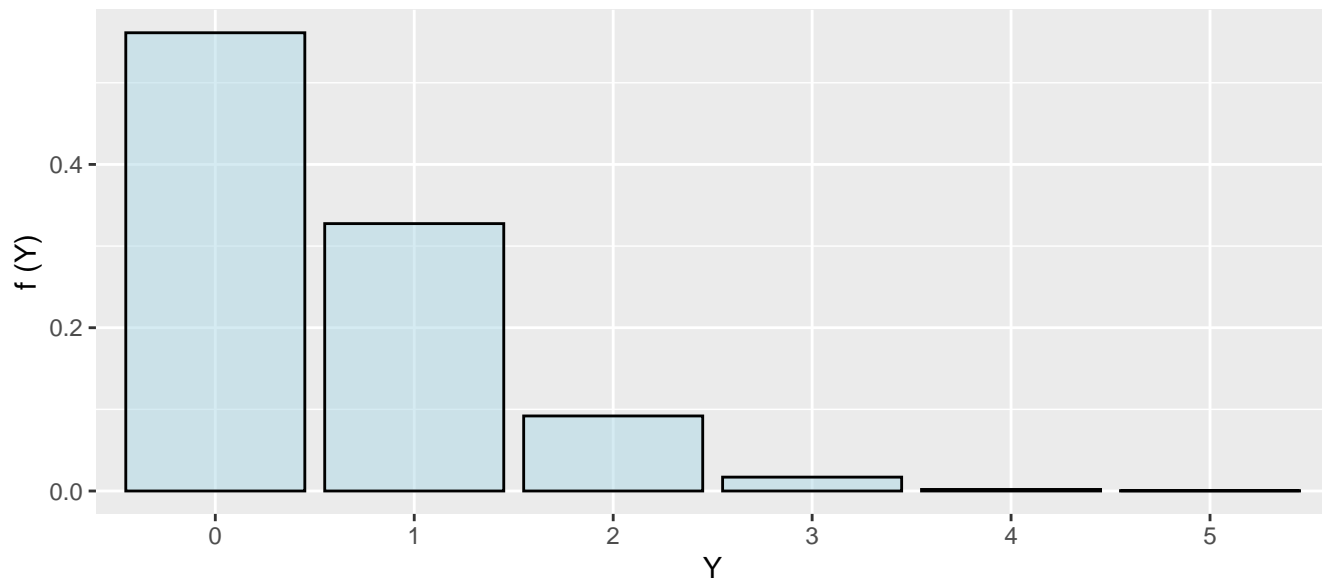


Ex. 4 : Predicted Counts

n1 From Beta(1, 10) Prior

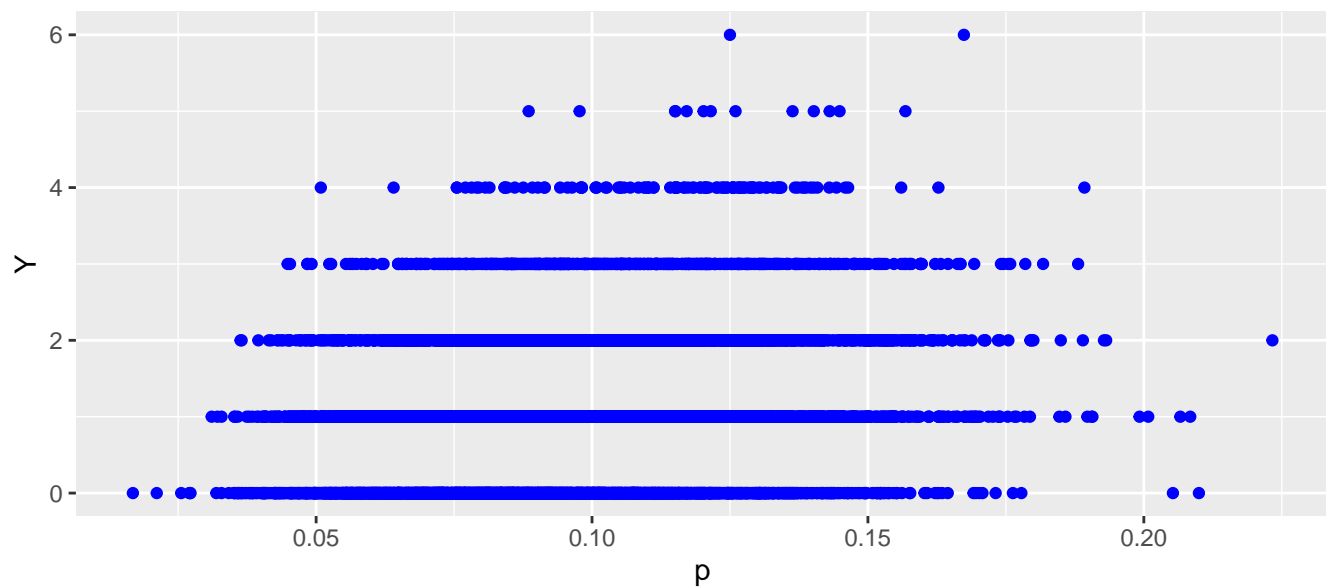


n2 From Beta(1, 10) Prior

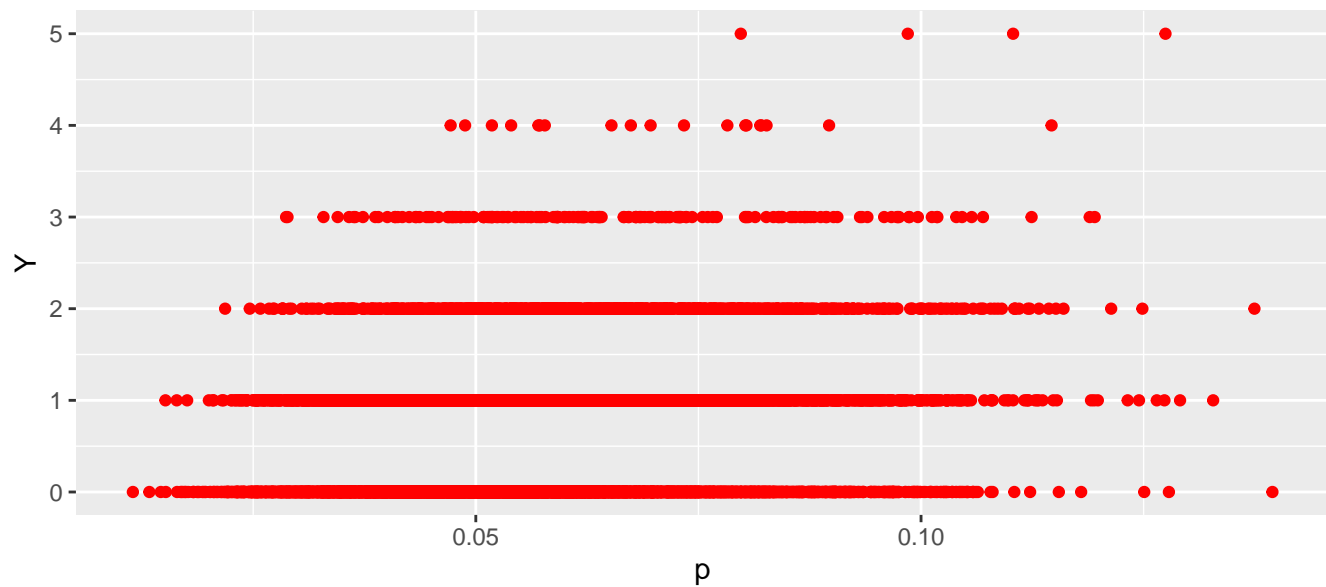


Ex. 4 : Correlation Plot

n1 From Beta(1, 10) Prior



n2 From Beta(1, 10) Prior



	Mean	St Dev	Median	95% C.I. sx	95% C.I. dx
<i>n1 Beta</i>	0.094	0.026	0.092	0.05	0.151
<i>n2 Beta</i>	0.057	0.017	0.055	0.027	0.096