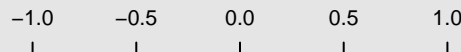


/tmp/RtmpI03zTB/filec9462762a03

Density in execution time(s)



```
1
2  naivefunction=function(T){
3
4    pop=data.frame(SP1=1,SP2=1,time=1)
5
6    # Naive way of buidling file
7    for(i in 2:T){
8      SP1=pop$SP1[i-1]*rnorm(1)*(1-(pop$SP1[i-1]+
9        (rnorm(1)*pop$SP2[i-1])))
10     SP2=pop$SP2[i-1]*rnorm(1)*
11       (1-(pop$SP2[i-1]+(rnorm(1)*pop$SP1[i-1])))
12     pop=rbind(pop,c(SP1,SP2,i))
13   }
14   #useless piece of code
15   for(i in 2:T){
16     t(pop)
17   }
18
19   return(pop)
20 }
21
```