

BayesianInference

Ashwani Rao

July 12, 2015

Purpose is to play with Bayesian Inference mechanism with flip of coins.

Following is R code to generate sequence of flip of coins with a biased coin.

```
flip_coins <- function(n, bias) {  
  nums <- runif(n)  
  sapply(nums, function(val) if (val > bias) FALSE else TRUE)  
}  
flip_coins(10, 0.5)
```

```
## [1] FALSE TRUE FALSE TRUE FALSE FALSE TRUE TRUE TRUE TRUE
```