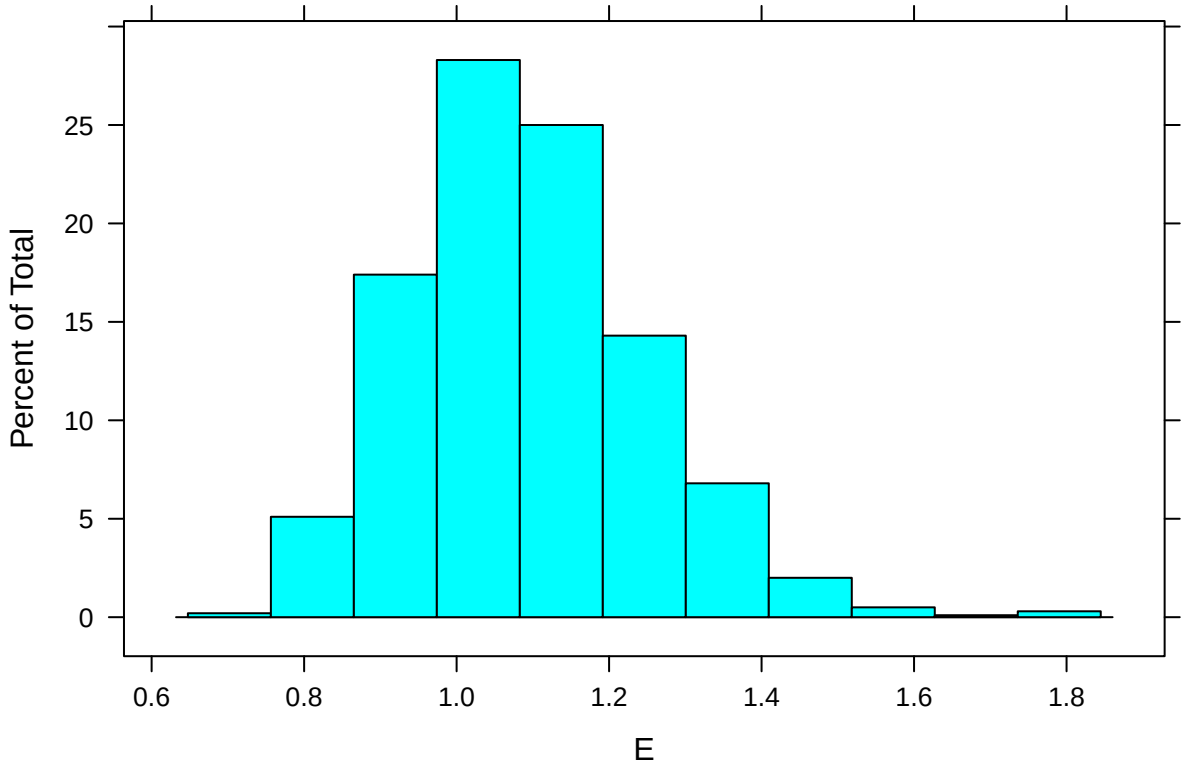
Check E

```
#--------------------------------
#  This file is used to
#  1.check E
#  Last updated date: 7/11/2017
#--------------------------------
```

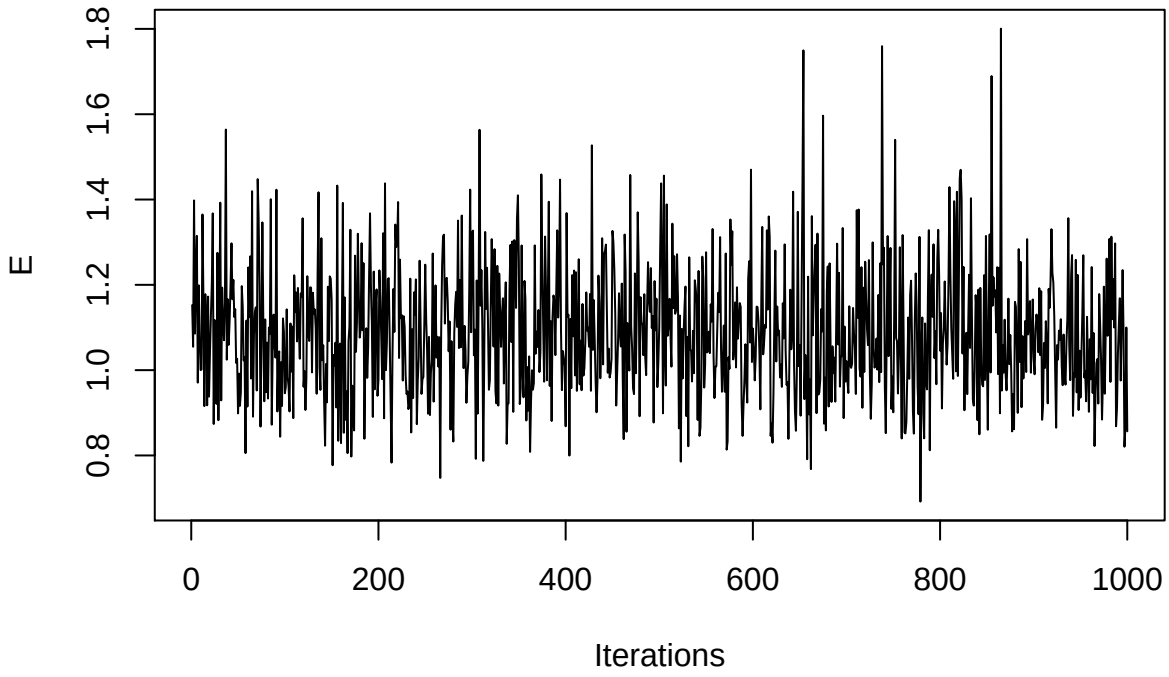
```
##set other parameters equal their true values
eta=eta_sim
v=v_sim
beta=beta_sim
sgm2=sgm2_sim
sgmr2=sgmr2_sim
c=c_sim
b=b_sim
e=e_sim
X=X_sim    ##rename the simulated compelete data X_{it}

##sample E
E=rigamma(n=1000, a=n/2+E_pri, b=(1/2)*sum(e^{2})+E_pri)

##histogram and traceplot
histogram(E)
```




```
traceplot(x=as.mcmc(E), ylab="E")
```


E
0.8
1.0
1.2
1.4
1.6
1.8
0
200
400
600
800
1000
Iterations