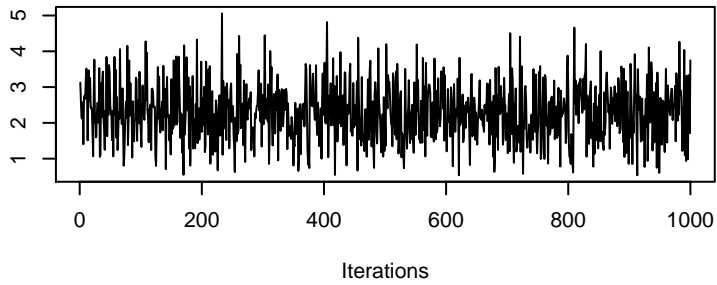
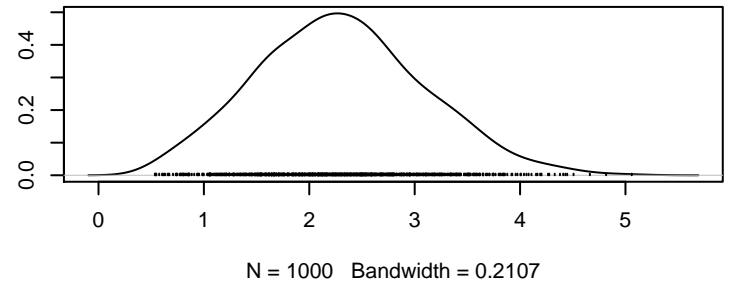


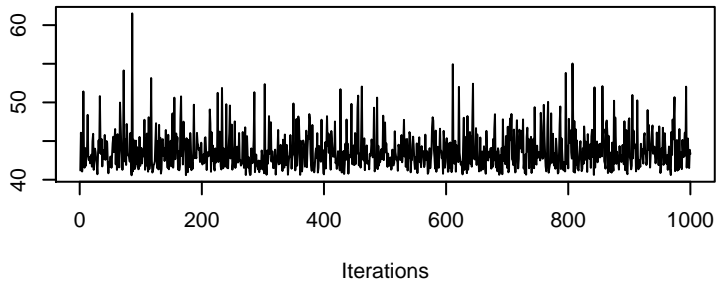
**Trace of beta**



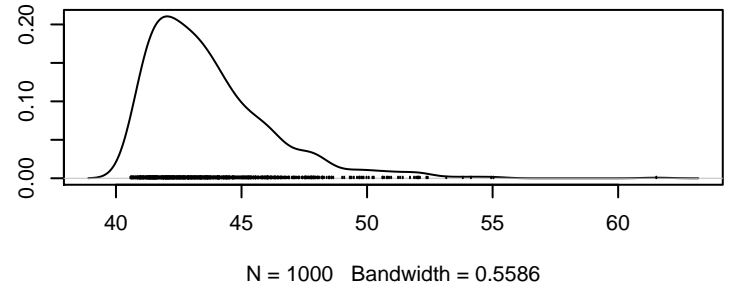
**Density of beta**



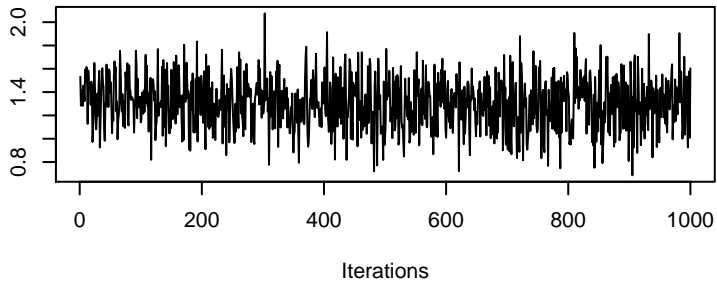
**Trace of deviance**



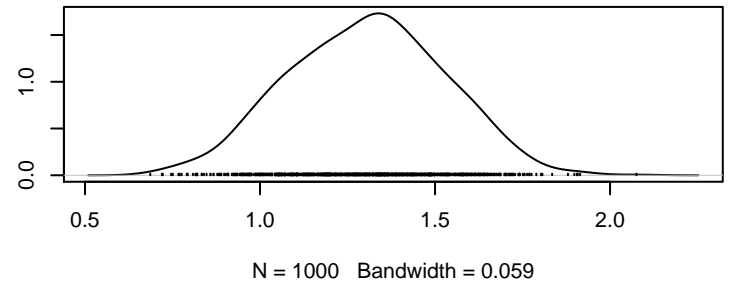
**Density of deviance**



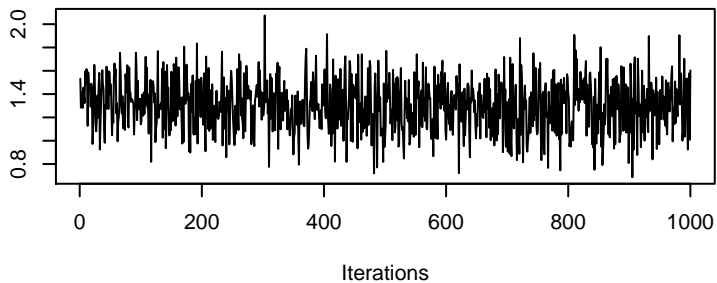
**Trace of ln.alpha**



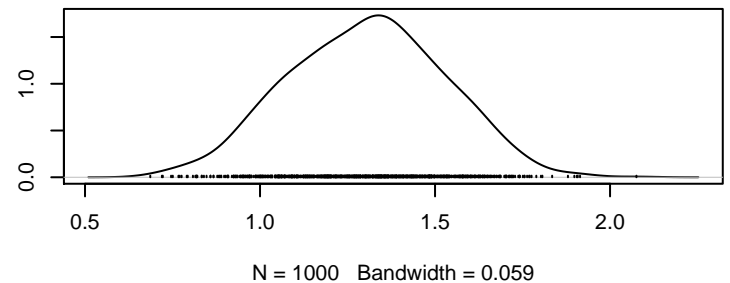
**Density of ln.alpha**



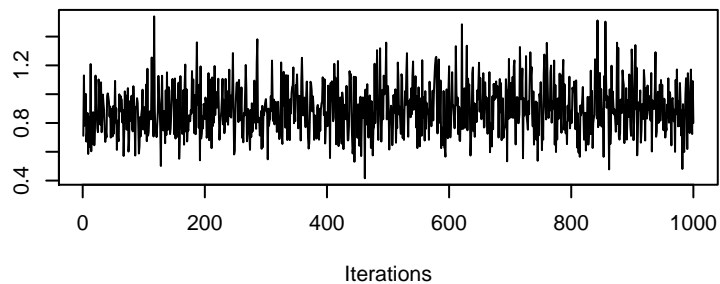
**Trace of ln.alpha.c**



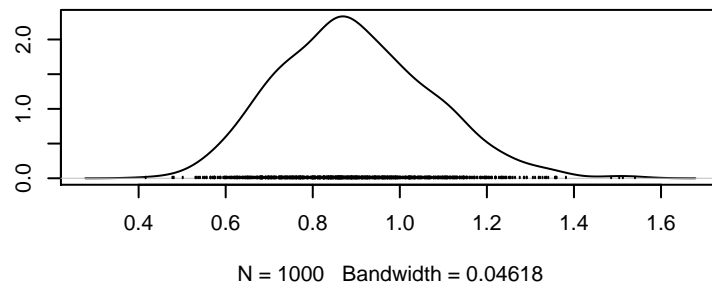
**Density of ln.alpha.c**



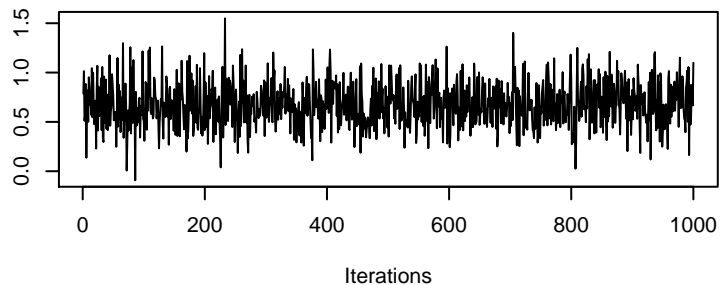
**Trace of log.resid[1]**



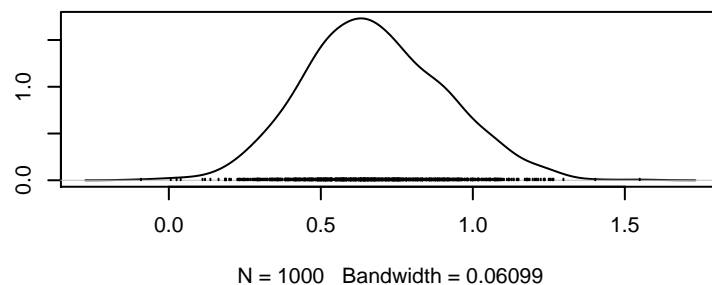
**Density of log.resid[1]**



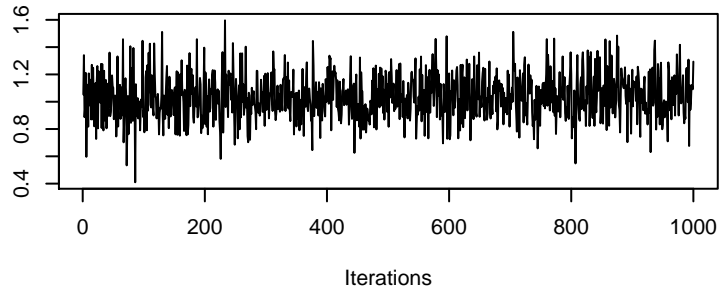
**Trace of log.resid[2]**



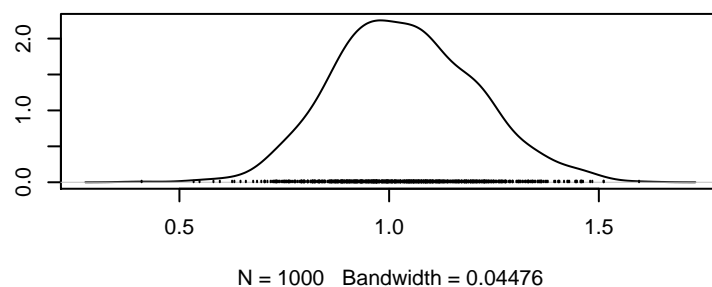
**Density of log.resid[2]**



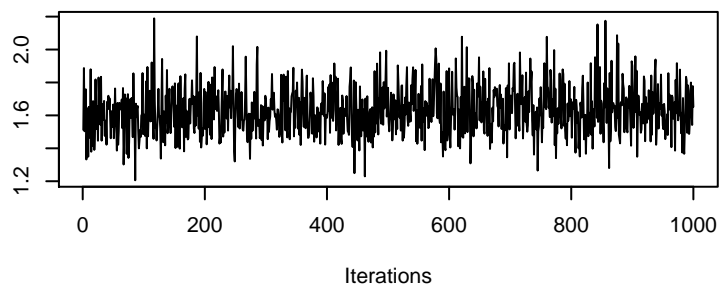
**Trace of log.resid[3]**



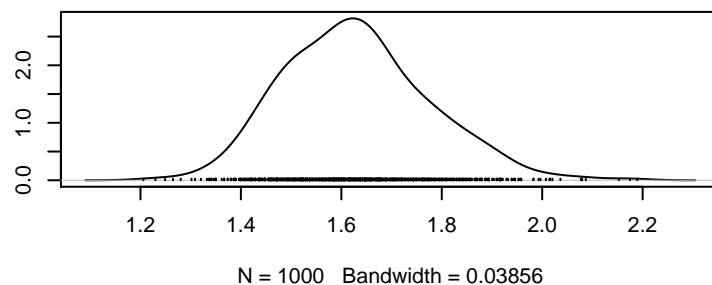
**Density of log.resid[3]**



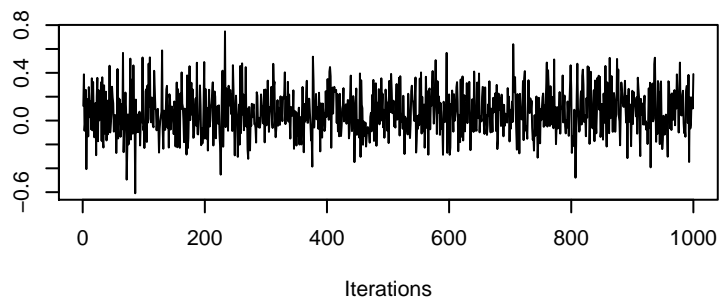
**Trace of log.resid[4]**



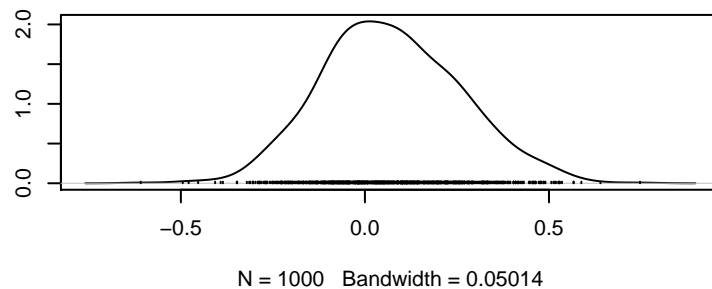
**Density of log.resid[4]**



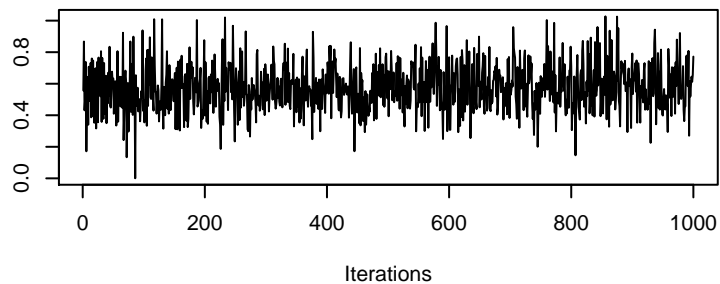
**Trace of log.resid[5]**



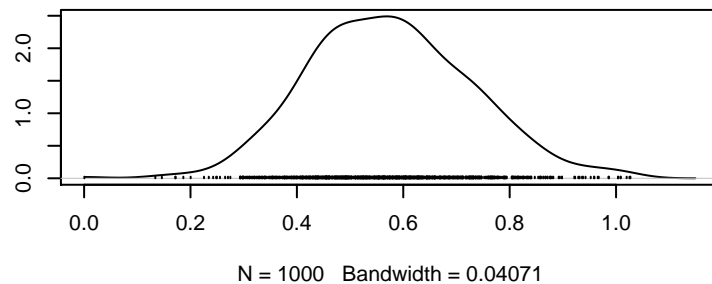
**Density of log.resid[5]**



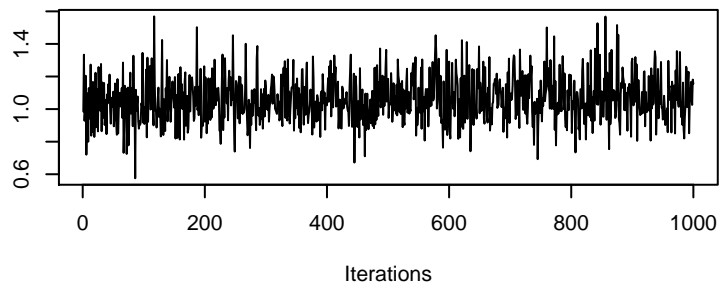
**Trace of log.resid[6]**



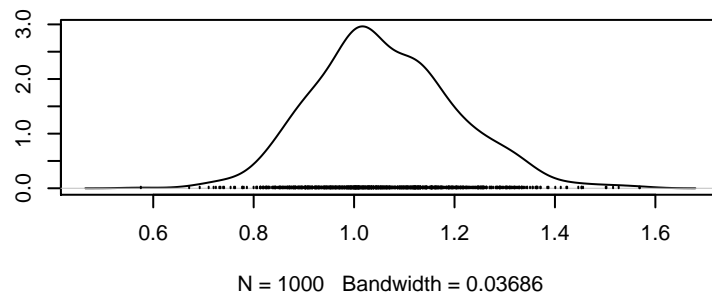
**Density of log.resid[6]**



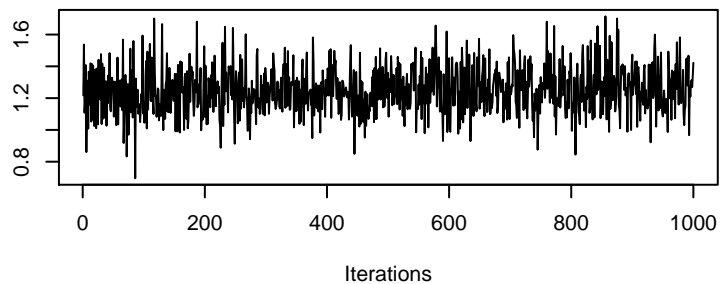
**Trace of log.resid[7]**



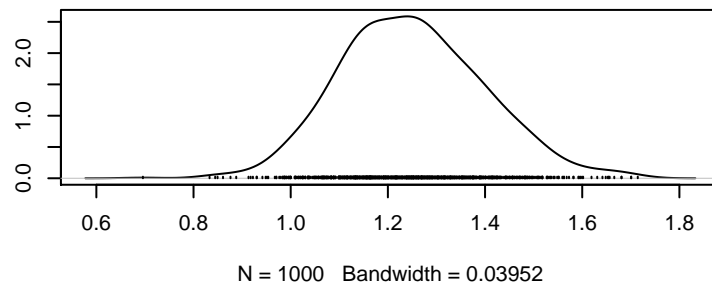
**Density of log.resid[7]**



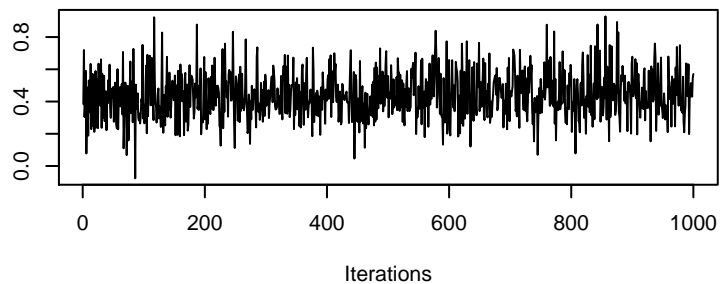
**Trace of log.resid[8]**



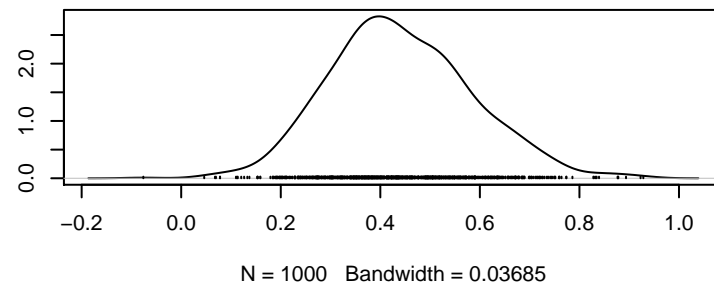
**Density of log.resid[8]**



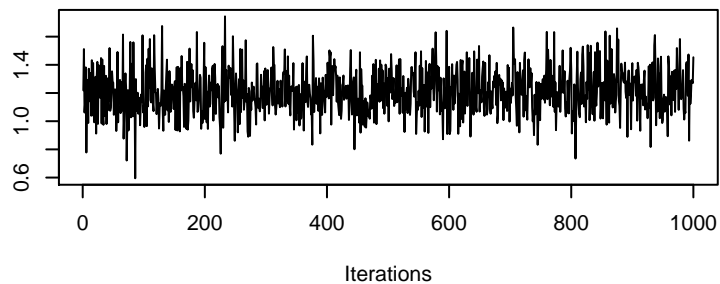
**Trace of log.resid[9]**



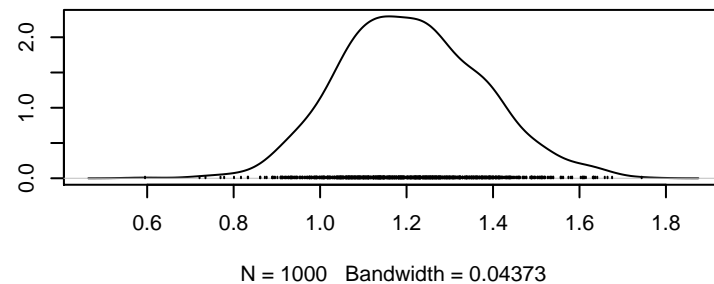
**Density of log.resid[9]**



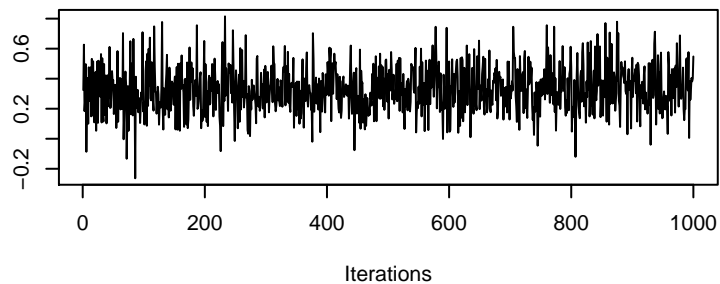
**Trace of log.resid[10]**



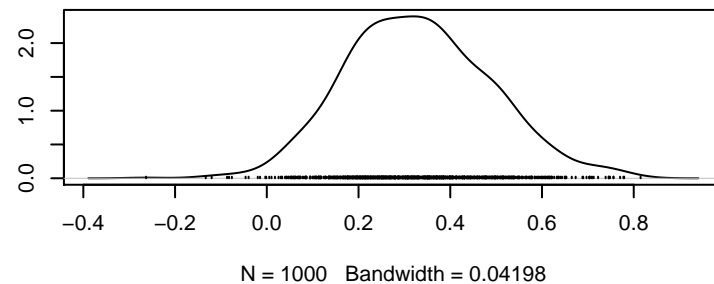
**Density of log.resid[10]**



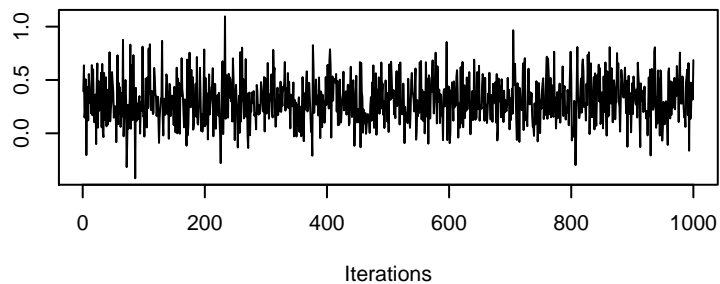
**Trace of log.resid[11]**



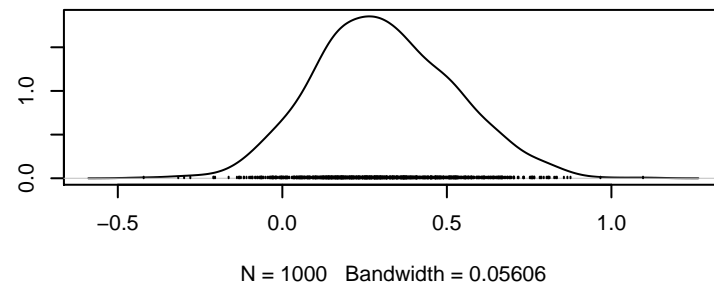
**Density of log.resid[11]**



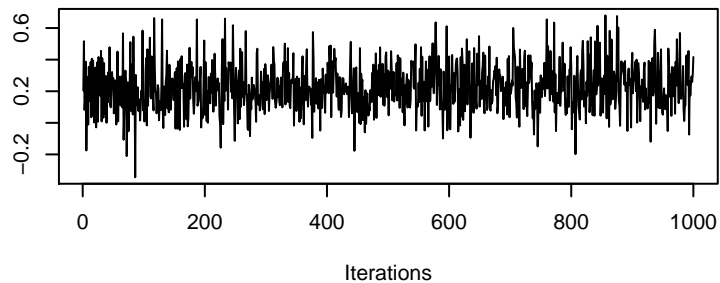
**Trace of log.resid[12]**



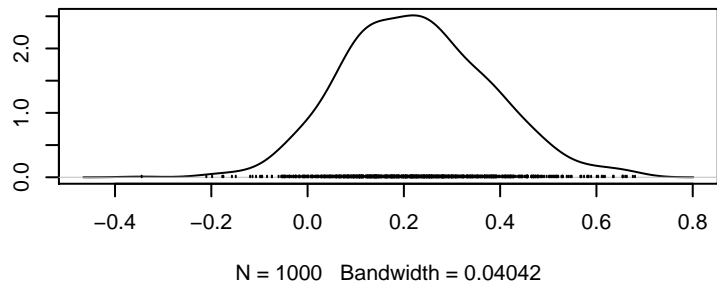
**Density of log.resid[12]**



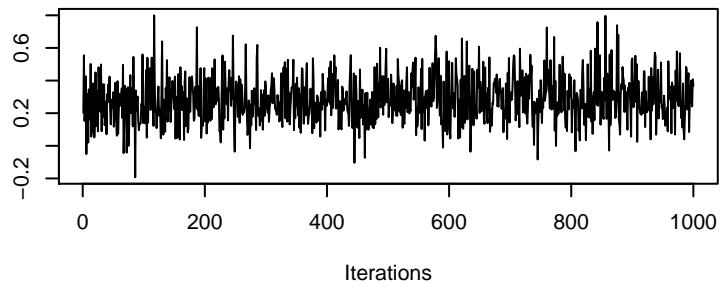
**Trace of log.resid[13]**



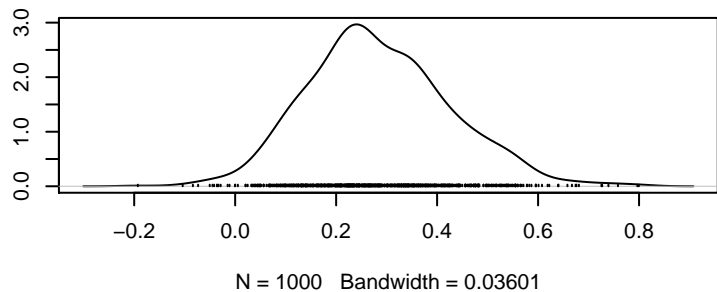
**Density of log.resid[13]**



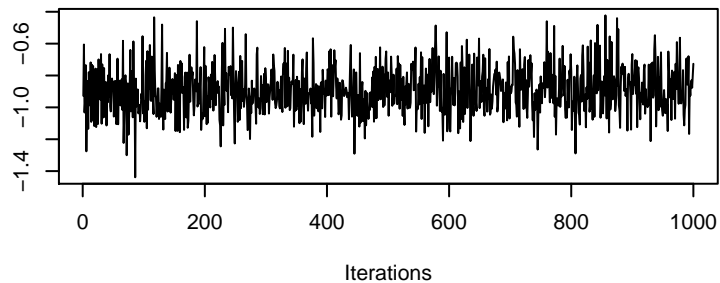
**Trace of log.resid[14]**



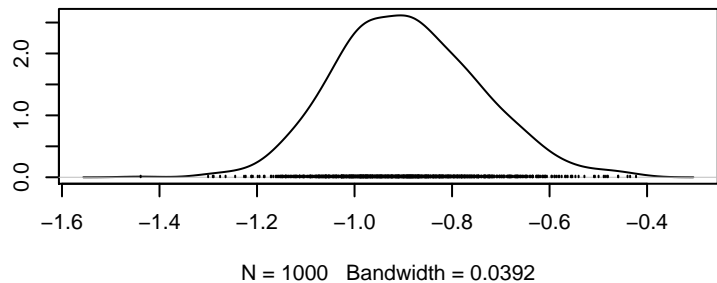
**Density of log.resid[14]**



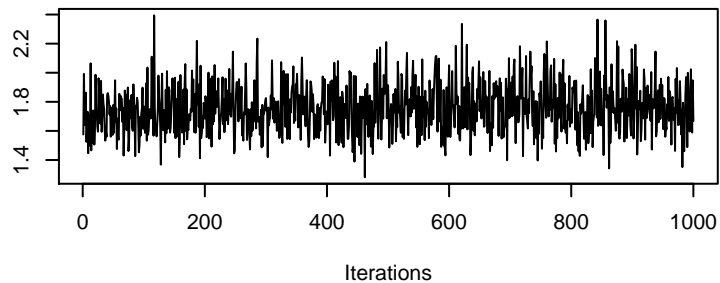
**Trace of log.resid[15]**



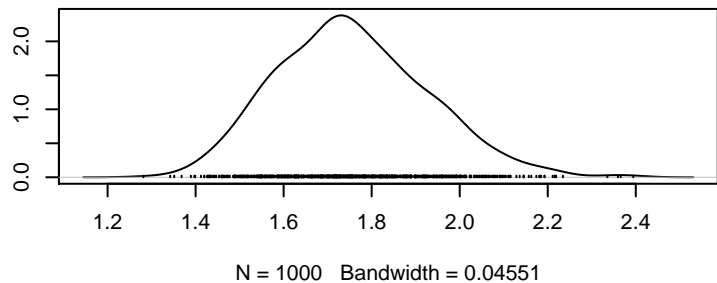
**Density of log.resid[15]**



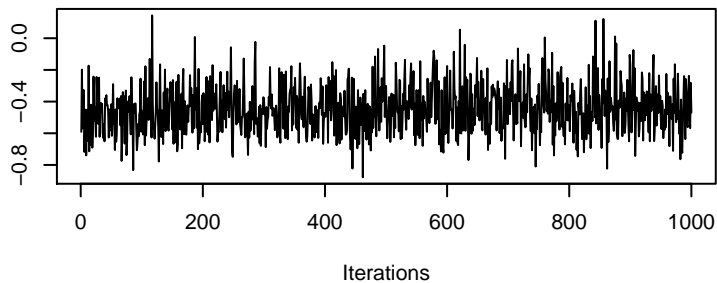
**Trace of log.resid[16]**



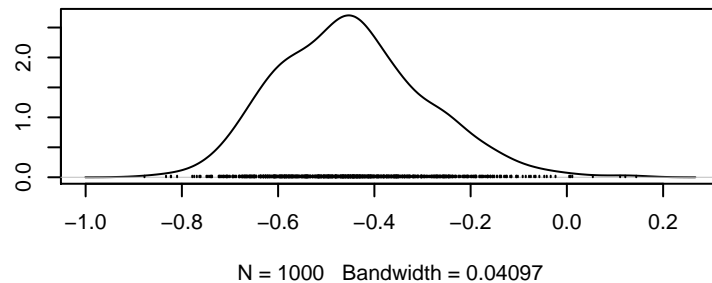
**Density of log.resid[16]**



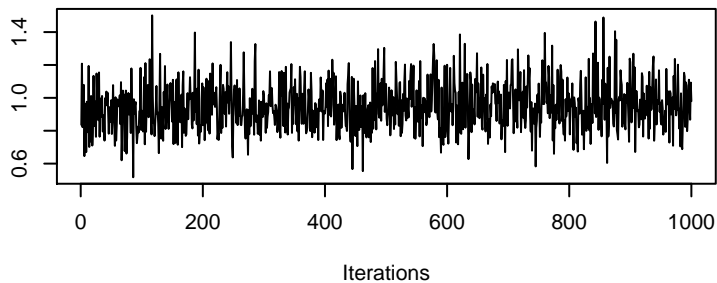
**Trace of log.resid[17]**



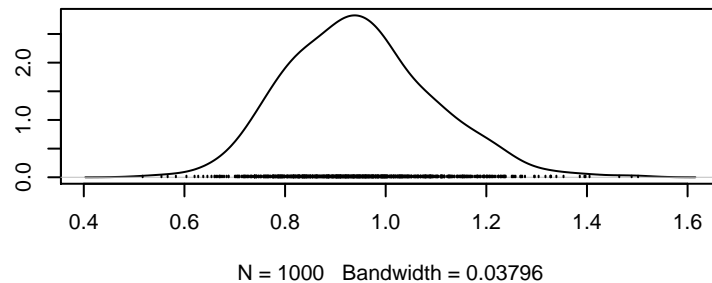
**Density of log.resid[17]**



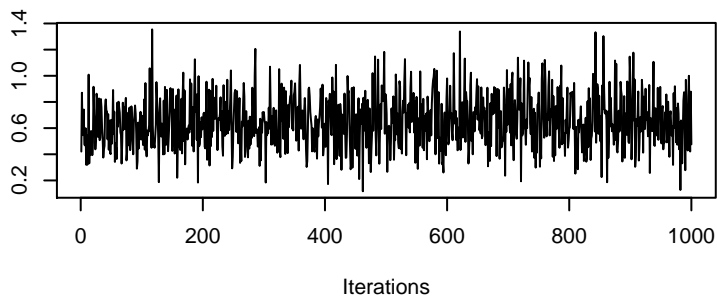
**Trace of log.resid[18]**



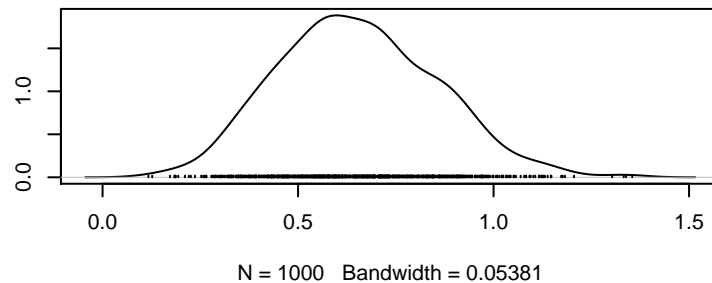
**Density of log.resid[18]**



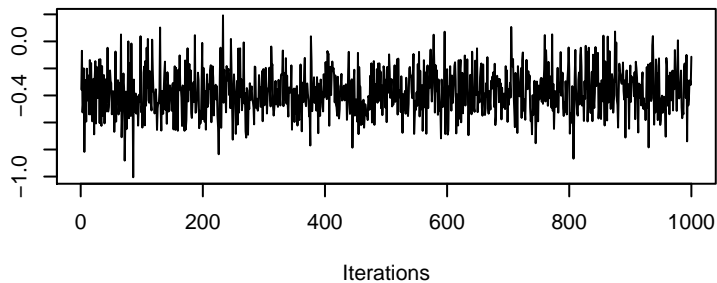
**Trace of log.resid[19]**



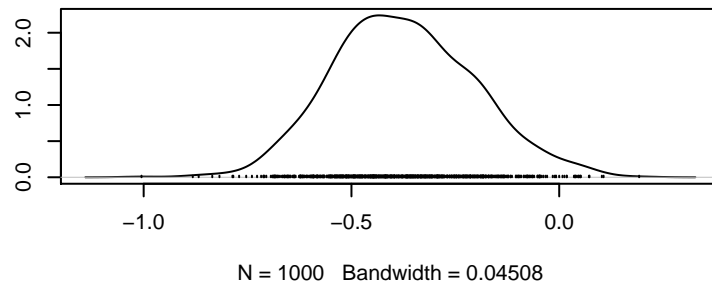
**Density of log.resid[19]**



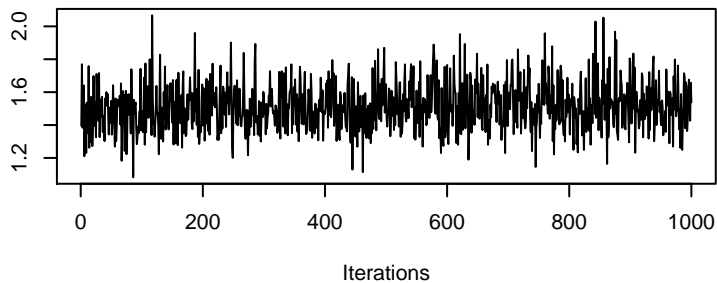
**Trace of log.resid[20]**



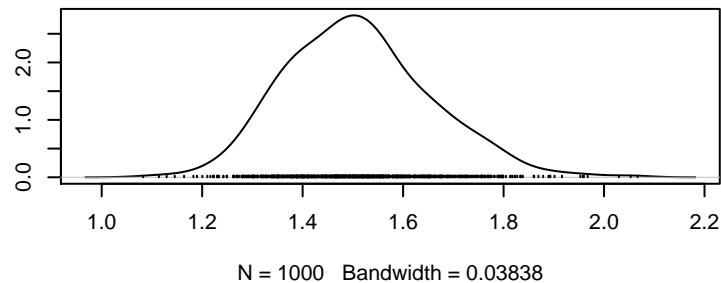
**Density of log.resid[20]**



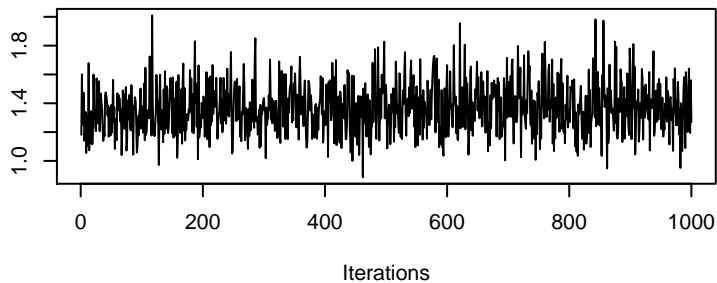
**Trace of log.resid[21]**



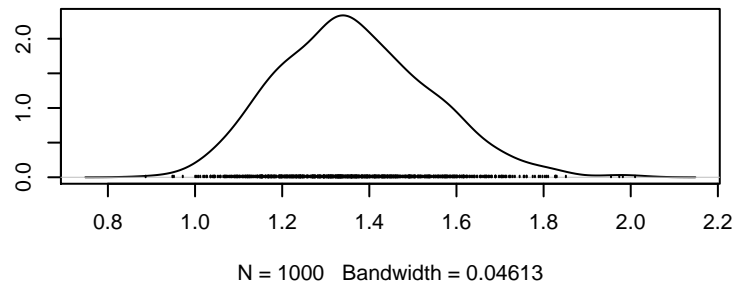
**Density of log.resid[21]**



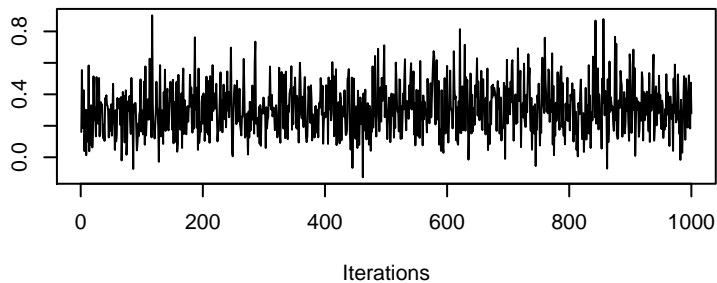
**Trace of log.resid[22]**



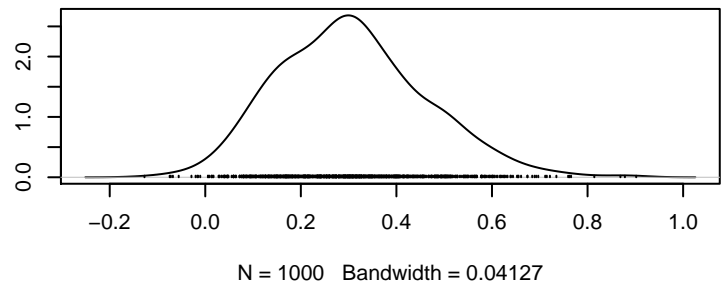
**Density of log.resid[22]**



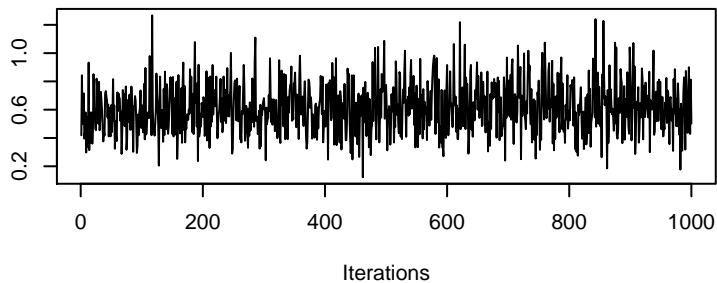
**Trace of log.resid[23]**



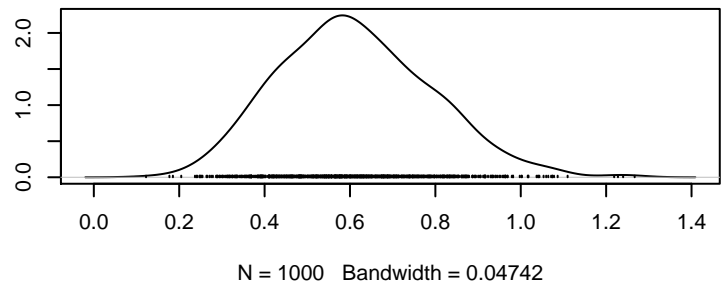
**Density of log.resid[23]**



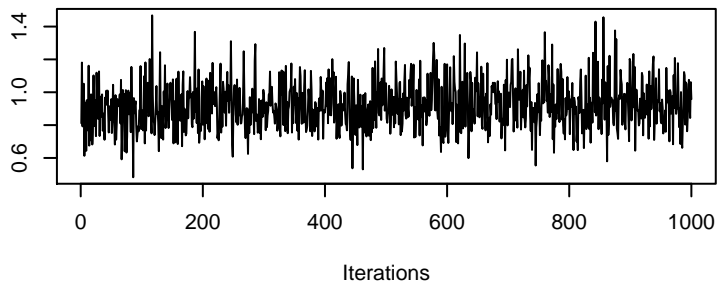
**Trace of log.resid[24]**



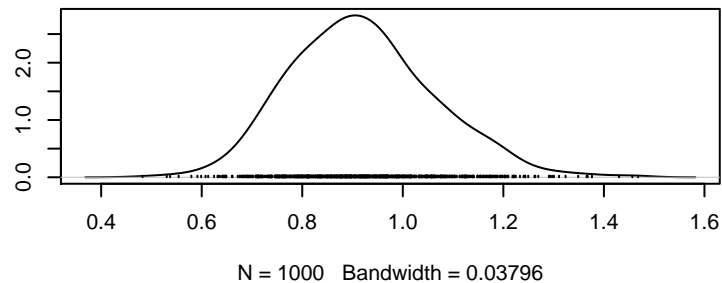
**Density of log.resid[24]**



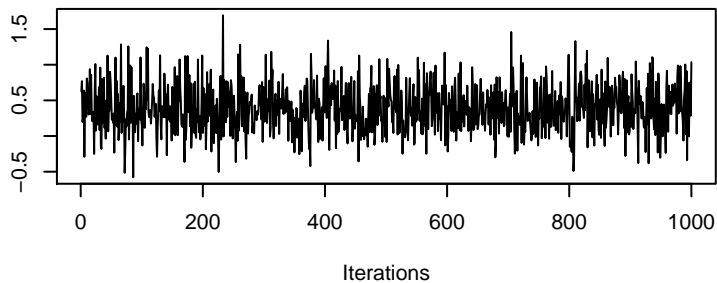
**Trace of log.resid[25]**



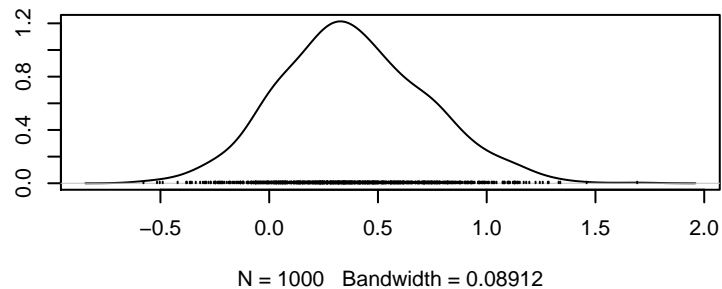
**Density of log.resid[25]**



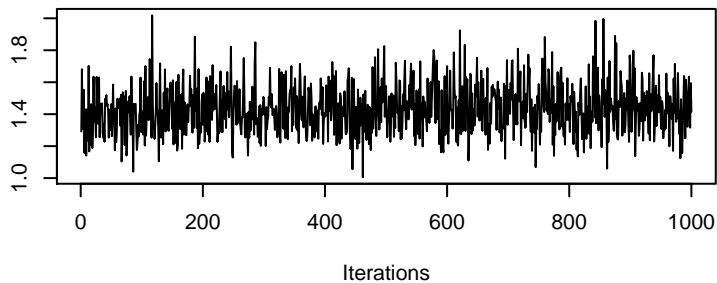
**Trace of log.resid[26]**



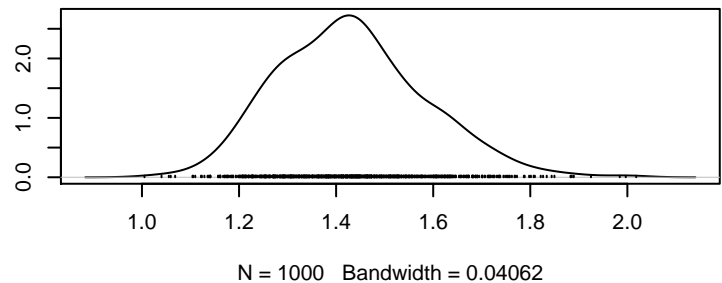
**Density of log.resid[26]**



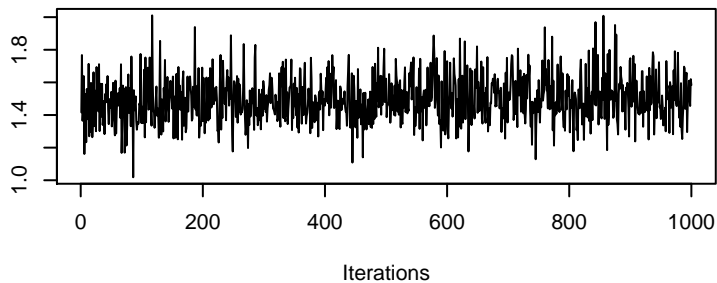
**Trace of log.resid[27]**



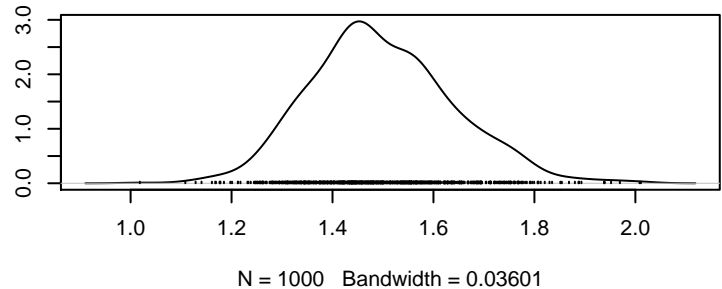
**Density of log.resid[27]**



**Trace of log.resid[28]**

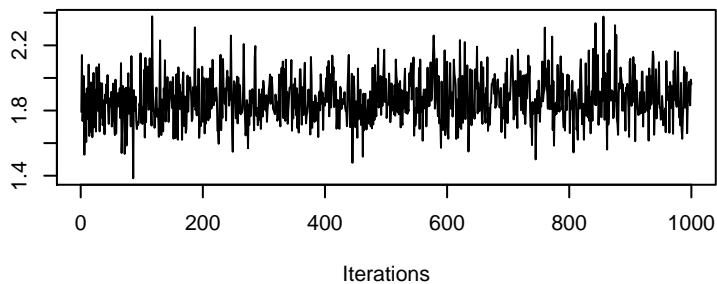


**Density of log.resid[28]**

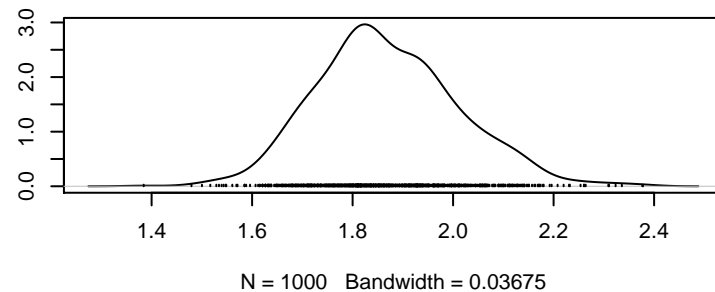




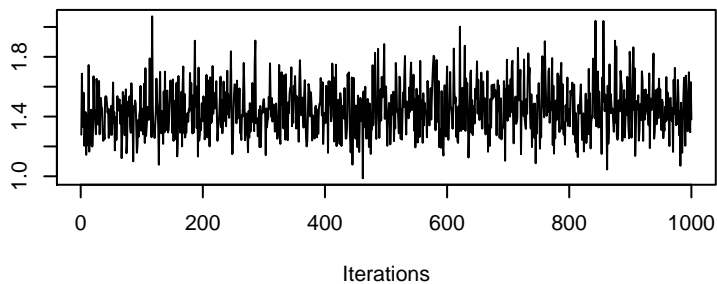
**Trace of log.resid[29]**



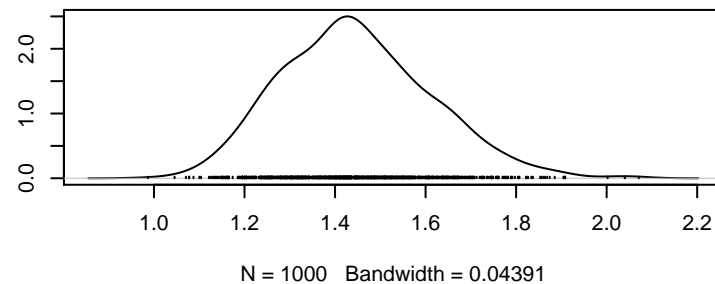
**Density of log.resid[29]**



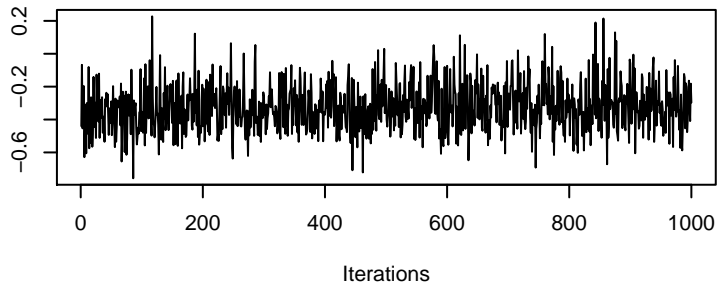
**Trace of log.resid[30]**



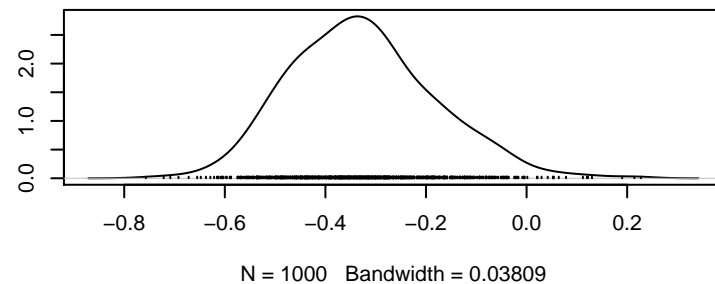
**Density of log.resid[30]**



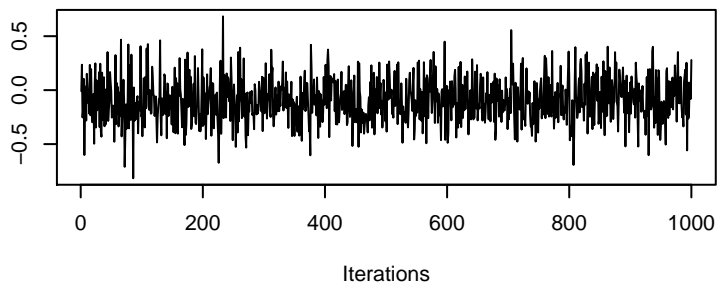
**Trace of log.resid[31]**



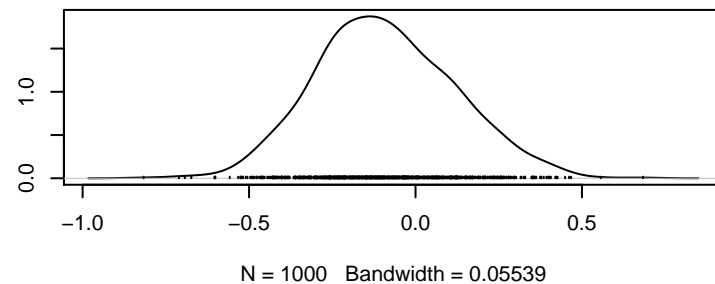
**Density of log.resid[31]**



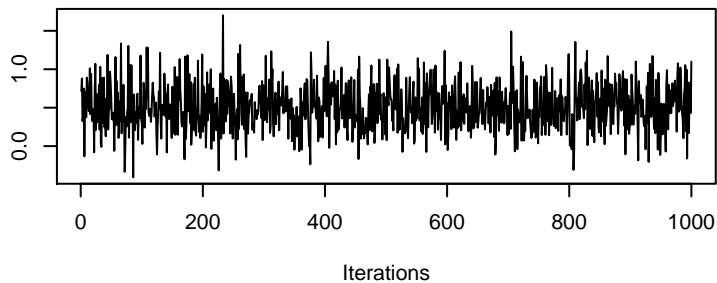
**Trace of log.resid[32]**



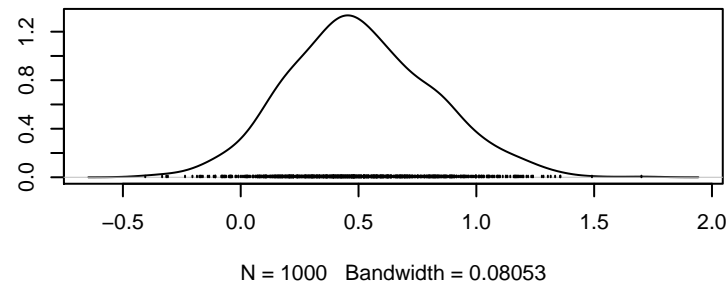
**Density of log.resid[32]**



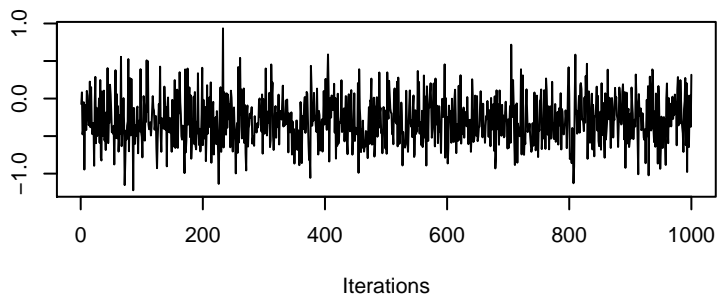
**Trace of log.resid[33]**



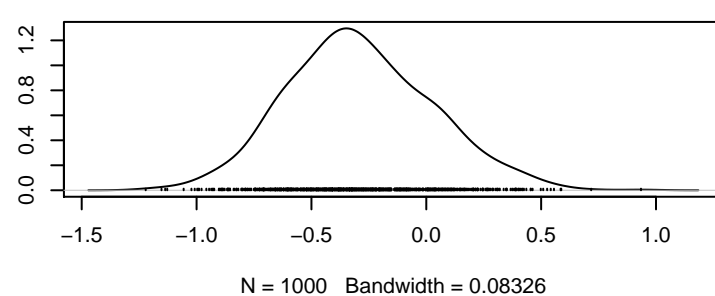
**Density of log.resid[33]**



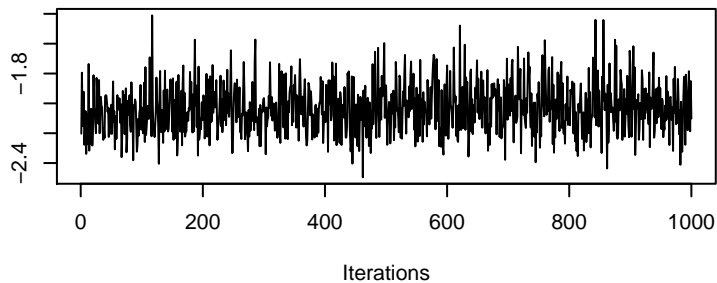
**Trace of log.resid[34]**



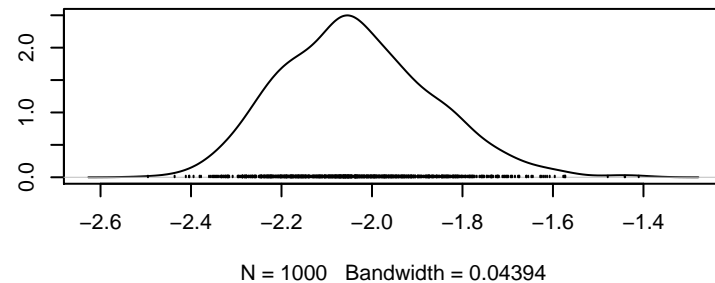
**Density of log.resid[34]**



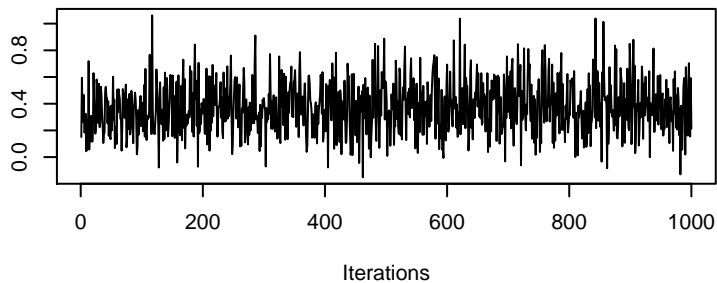
**Trace of log.resid[35]**



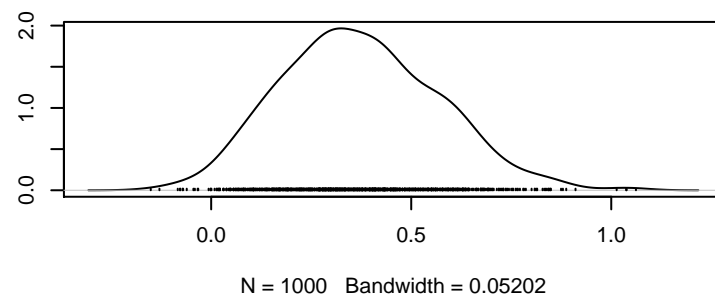
**Density of log.resid[35]**



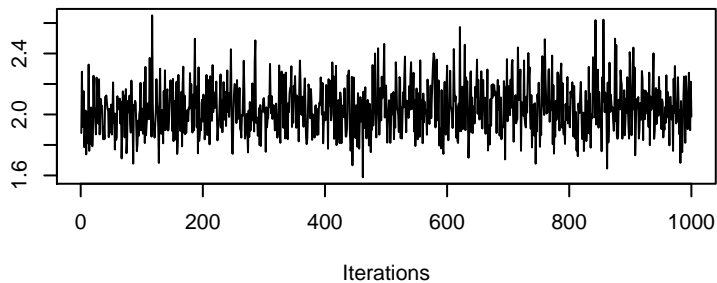
**Trace of log.resid[36]**



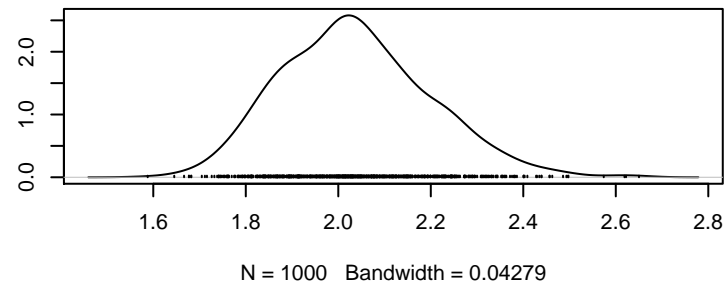
**Density of log.resid[36]**



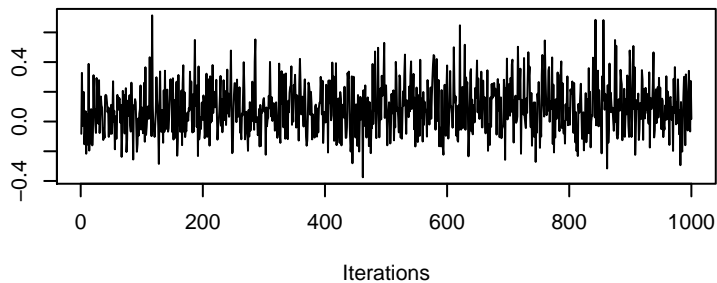
**Trace of log.resid[37]**



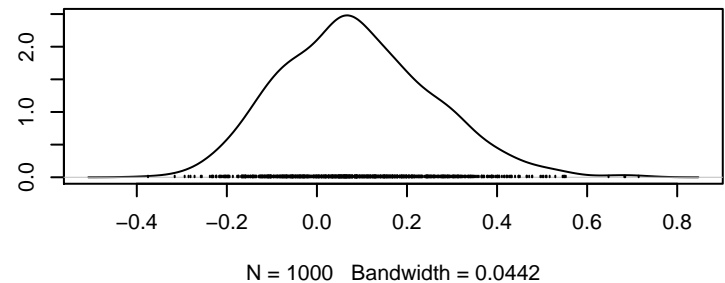
**Density of log.resid[37]**



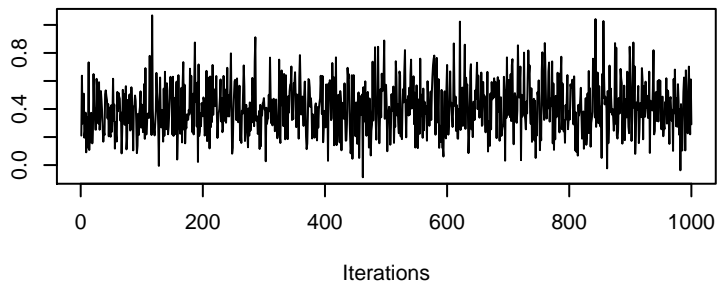
**Trace of log.resid[38]**



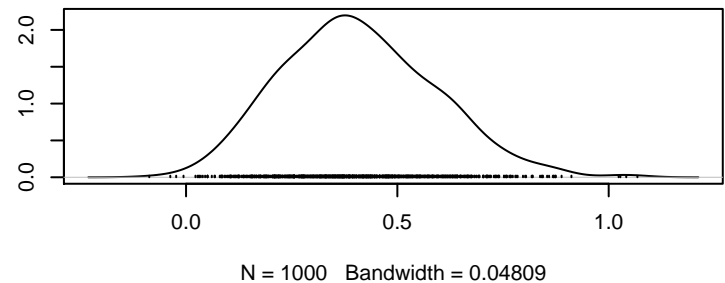
**Density of log.resid[38]**



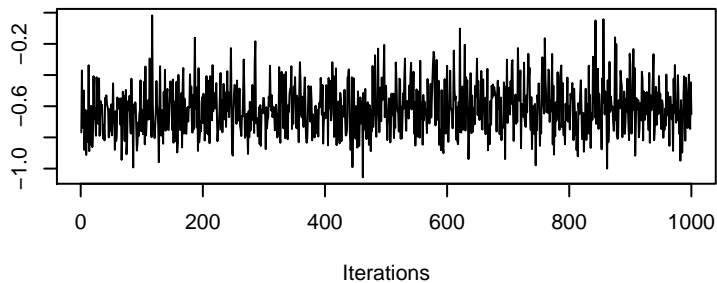
**Trace of log.resid[39]**



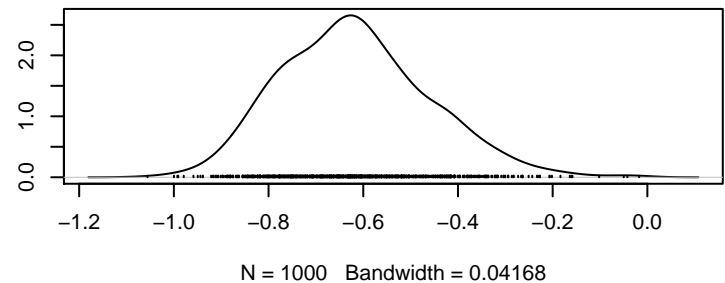
**Density of log.resid[39]**



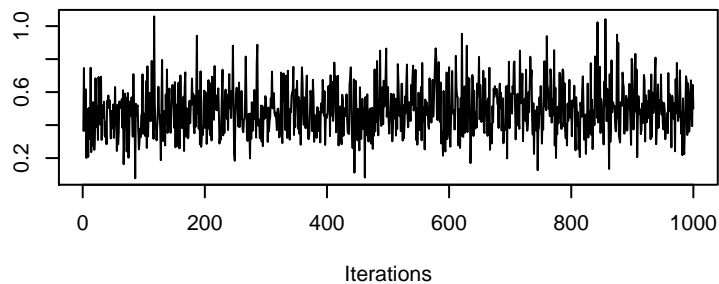
**Trace of log.resid[40]**



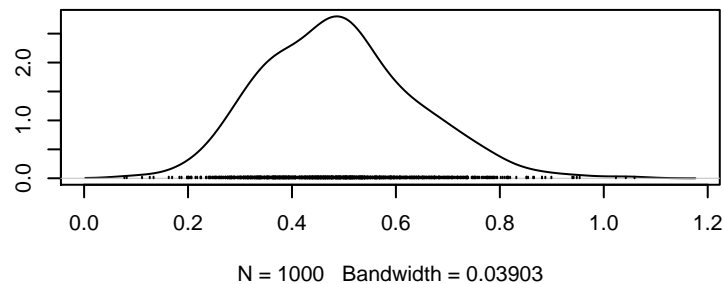
**Density of log.resid[40]**



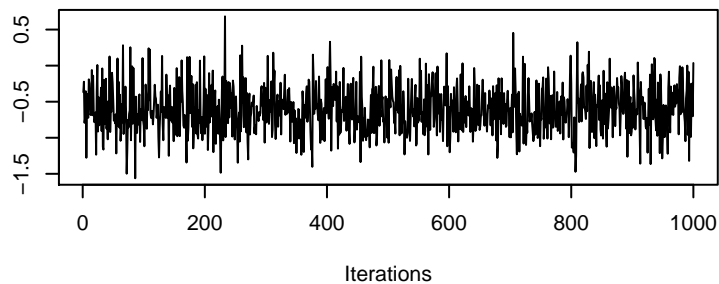
**Trace of log.resid[41]**



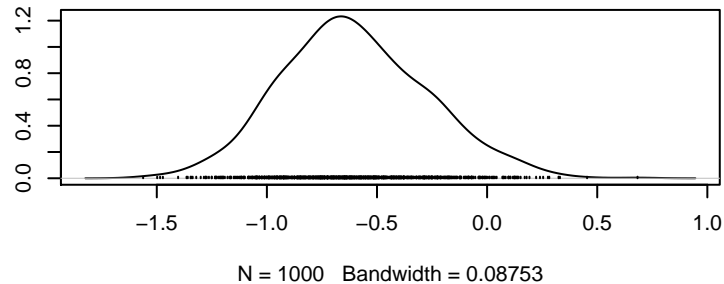
**Density of log.resid[41]**



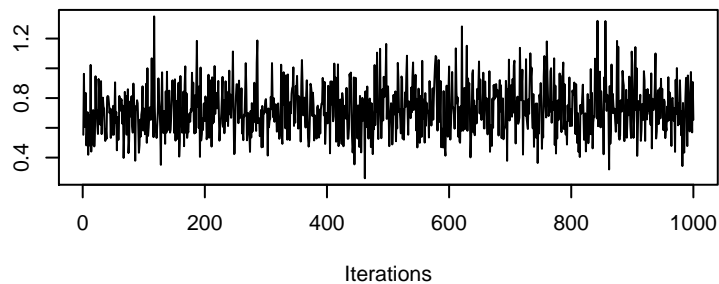
**Trace of log.resid[42]**



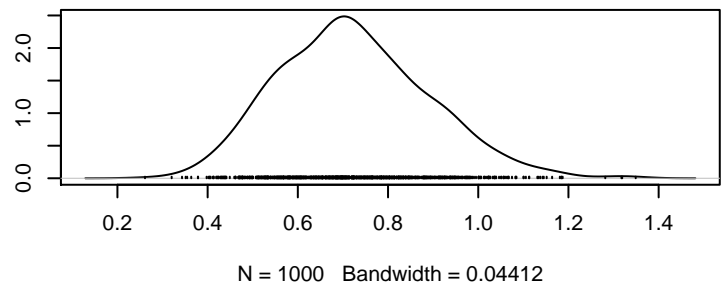
**Density of log.resid[42]**



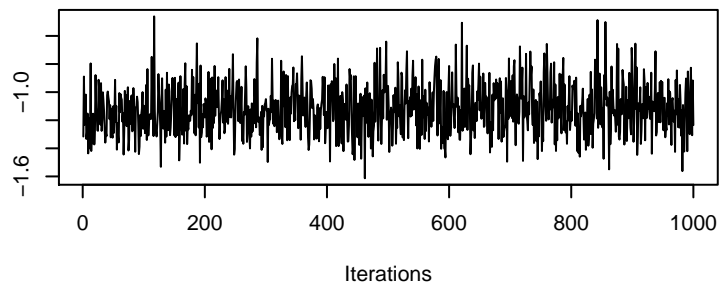
**Trace of log.resid[43]**



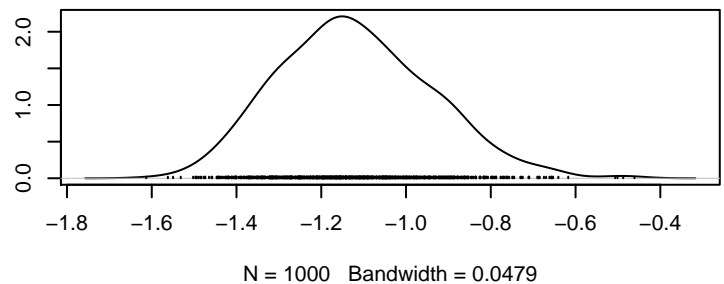
**Density of log.resid[43]**



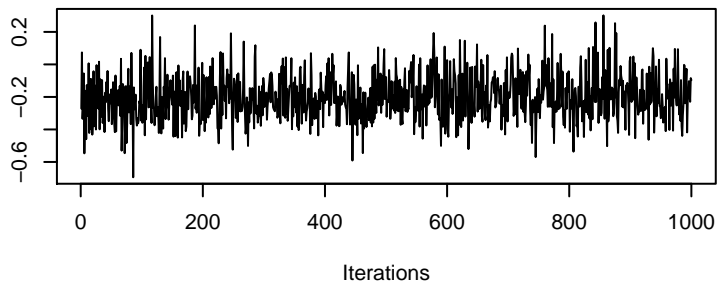
**Trace of log.resid[44]**



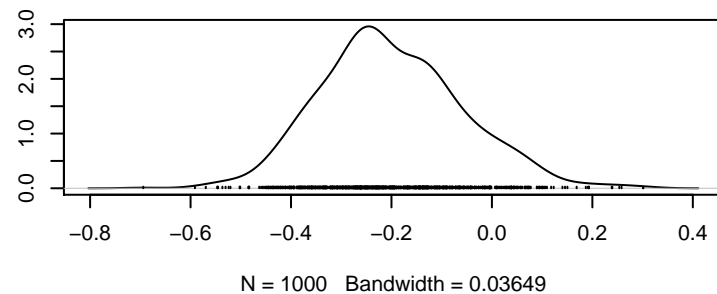
**Density of log.resid[44]**



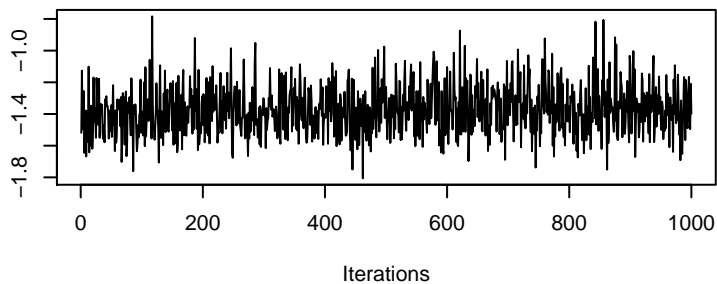
**Trace of log.resid[45]**



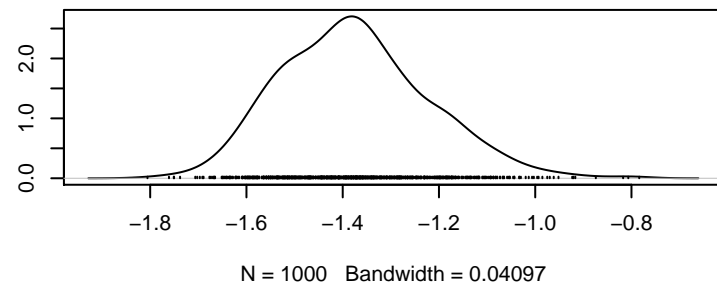
**Density of log.resid[45]**



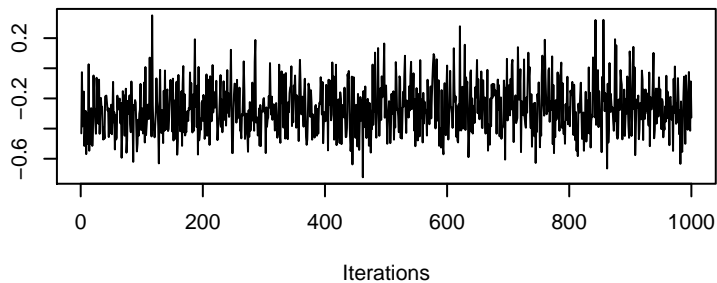
**Trace of log.resid[46]**



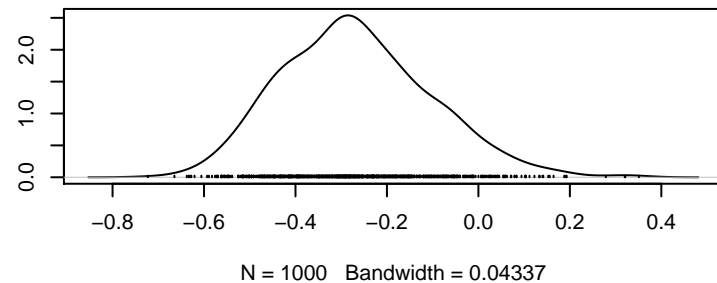
**Density of log.resid[46]**



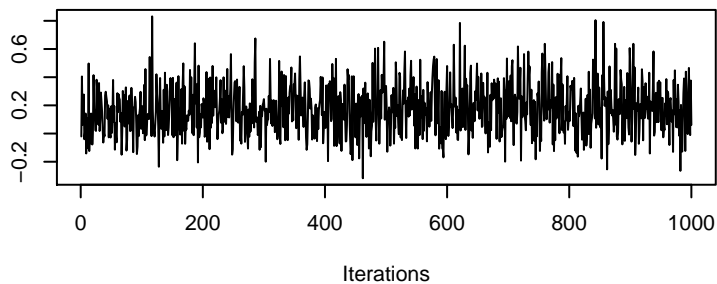
**Trace of log.resid[47]**



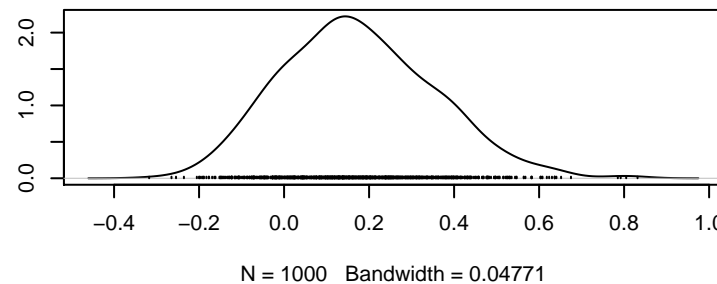
**Density of log.resid[47]**



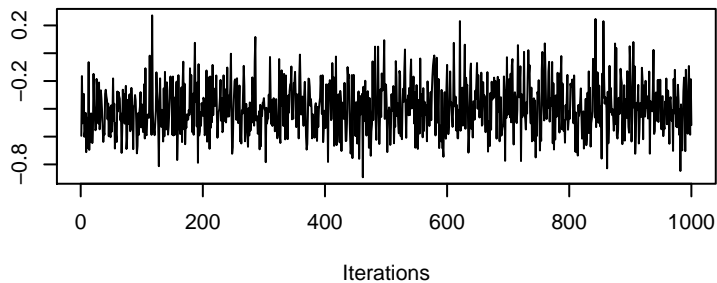
**Trace of log.resid[48]**



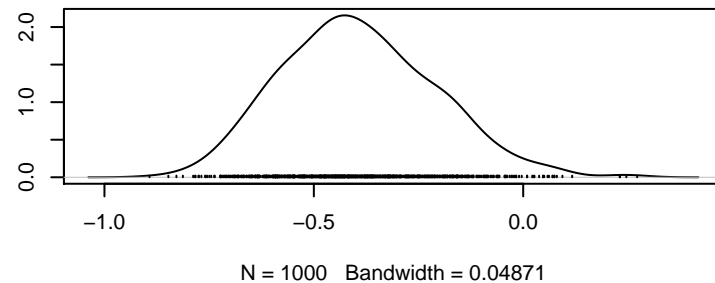
**Density of log.resid[48]**



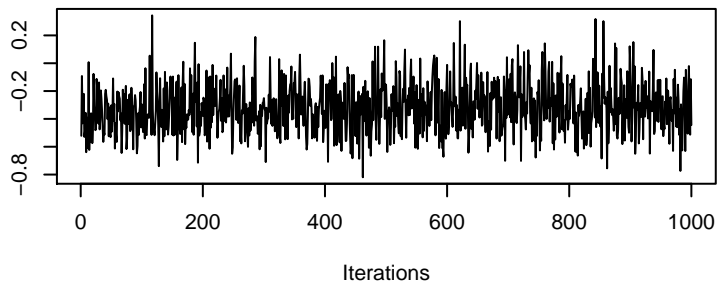
**Trace of log.resid[49]**



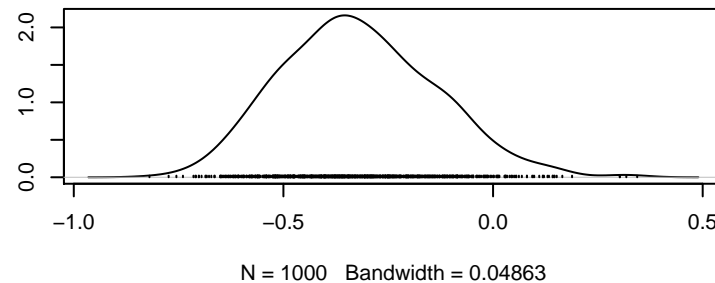
**Density of log.resid[49]**



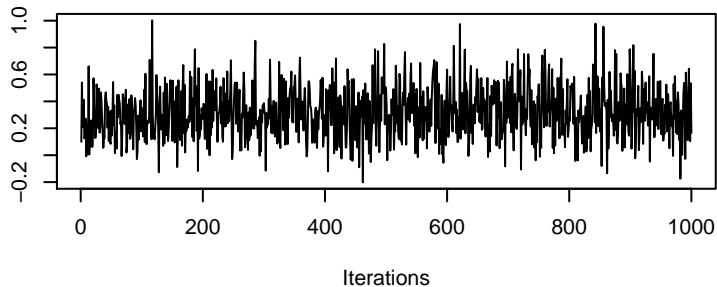
**Trace of log.resid[50]**



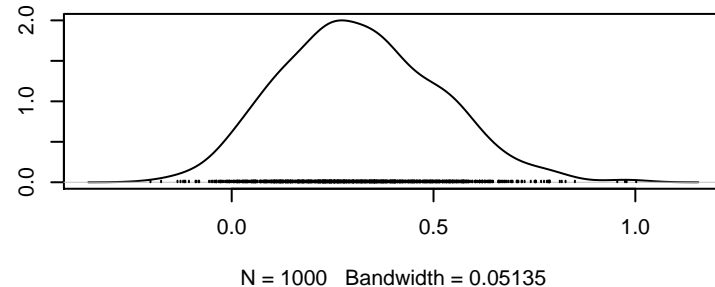
**Density of log.resid[50]**



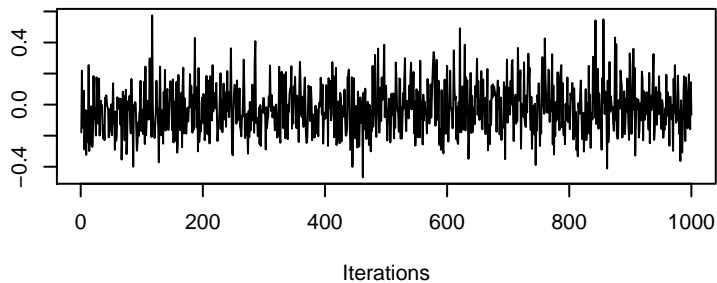
**Trace of log.resid[51]**



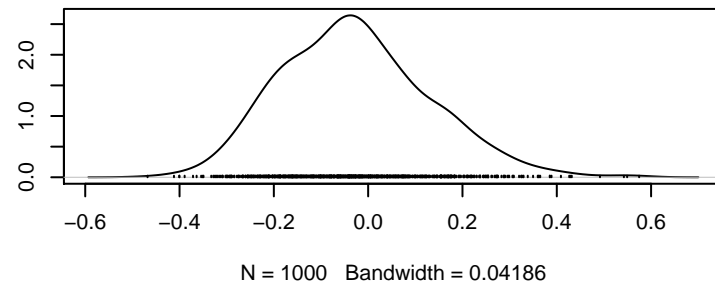
**Density of log.resid[51]**



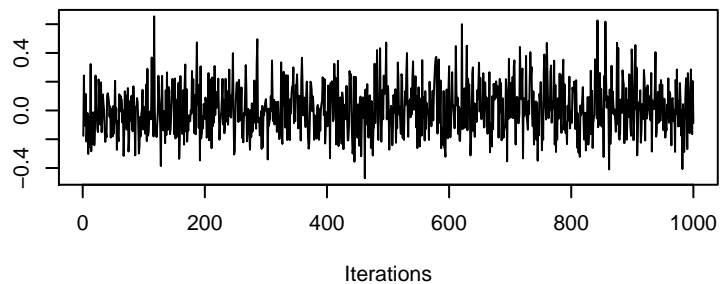
**Trace of log.resid[52]**



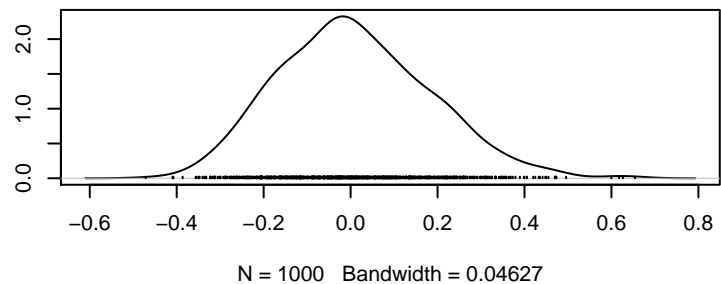
**Density of log.resid[52]**



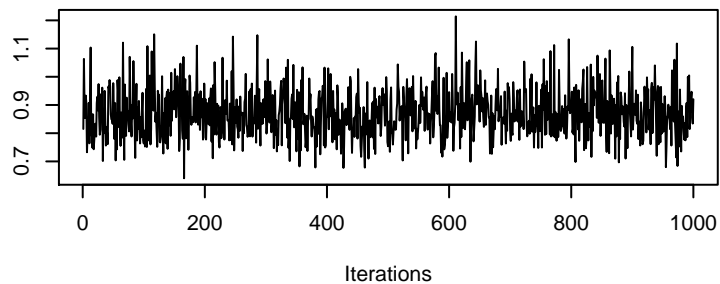
**Trace of log.resid[53]**



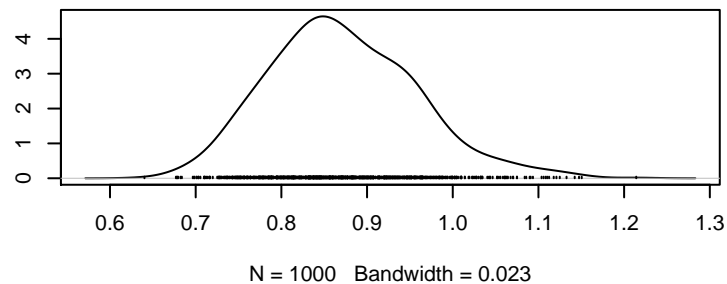
**Density of log.resid[53]**



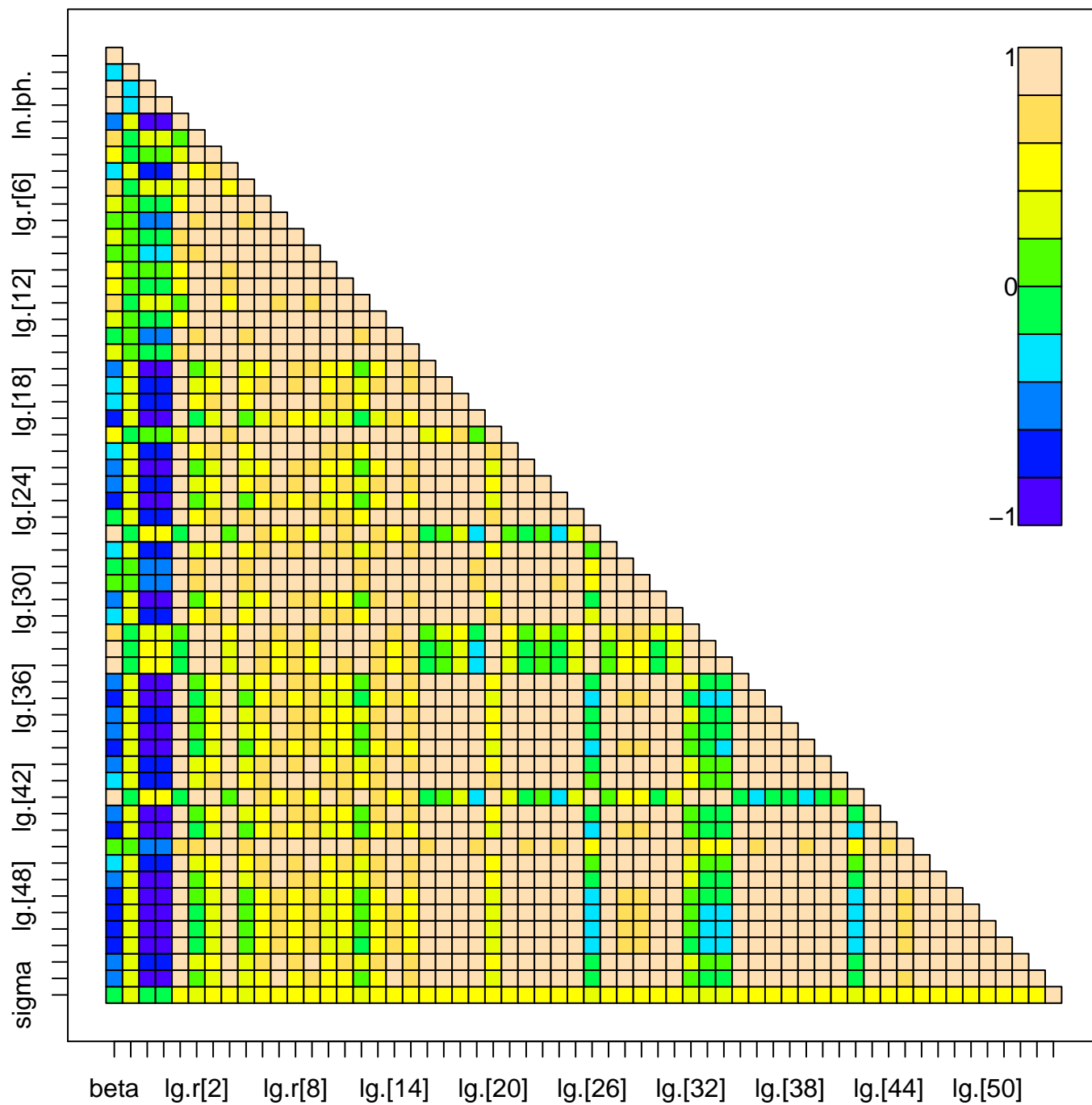
**Trace of sigma**



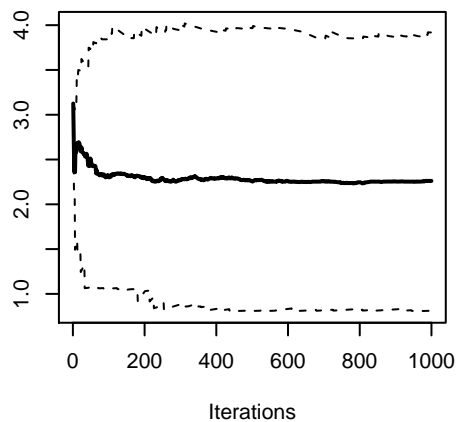
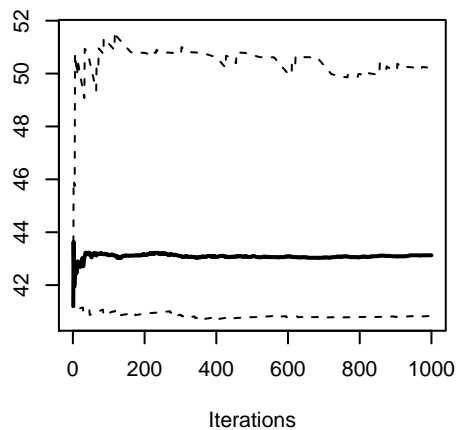
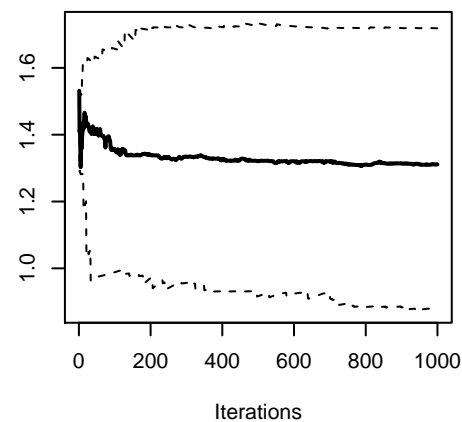
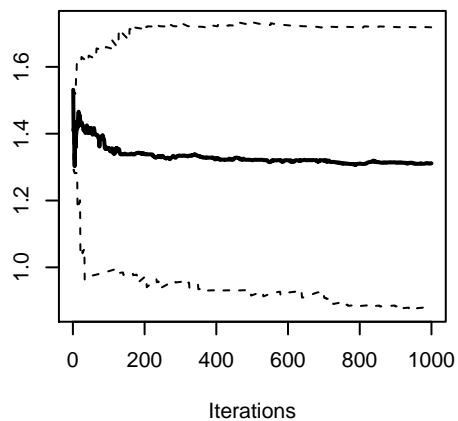
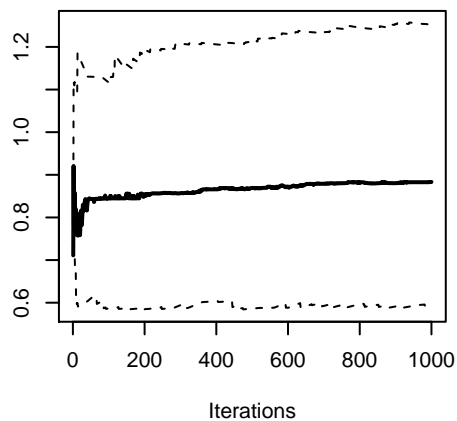
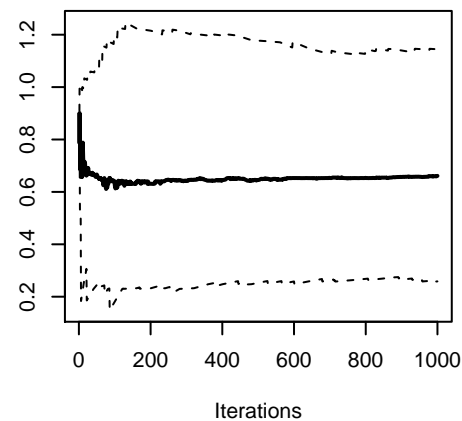
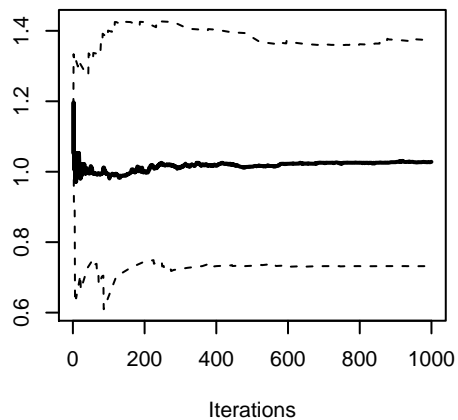
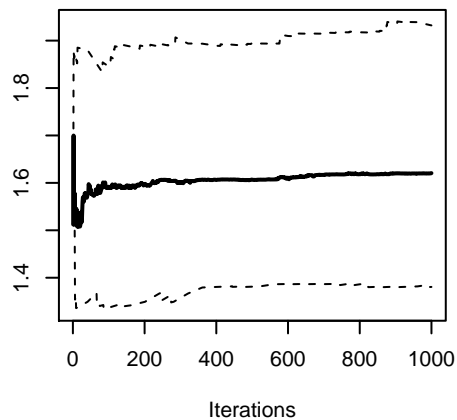
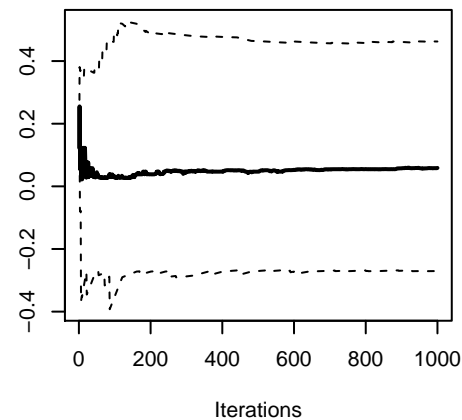
**Density of sigma**

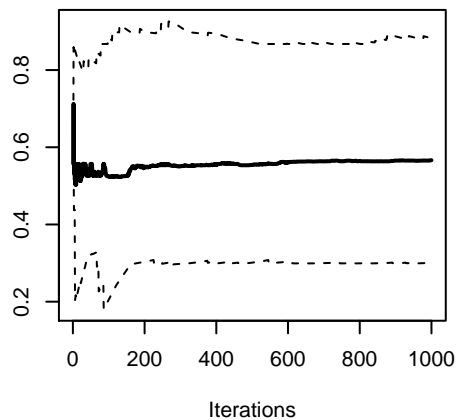
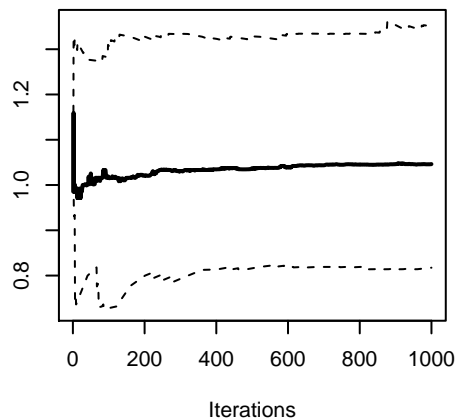
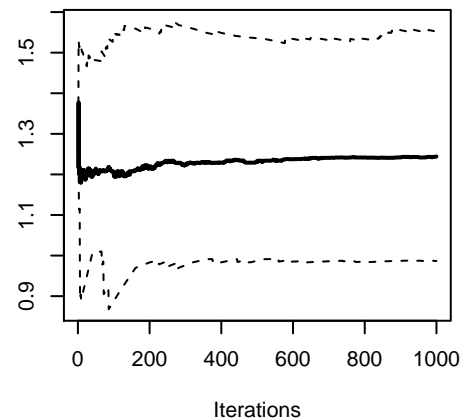
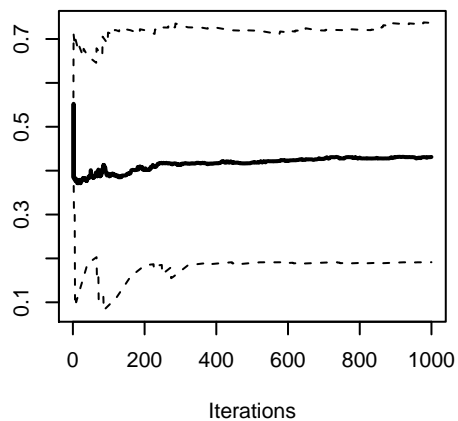
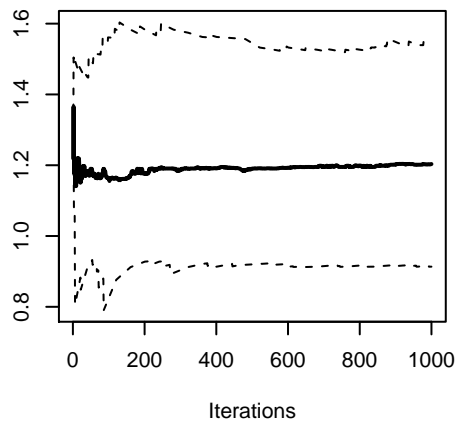
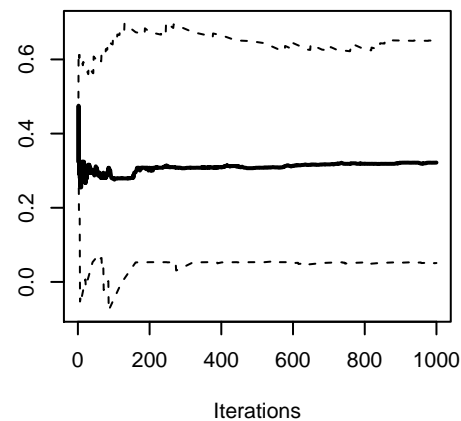
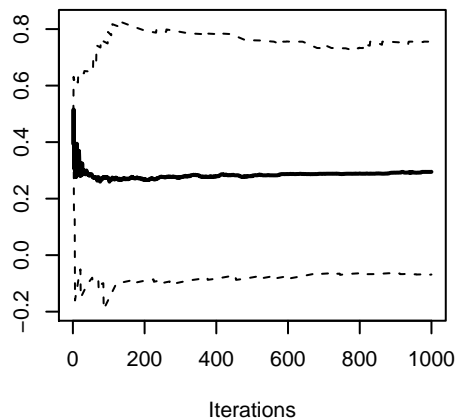
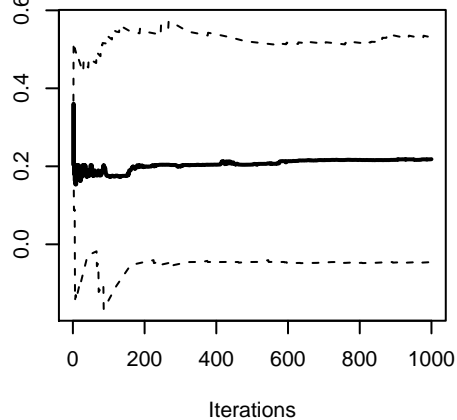
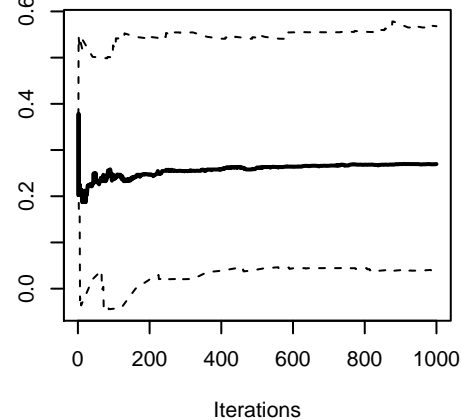


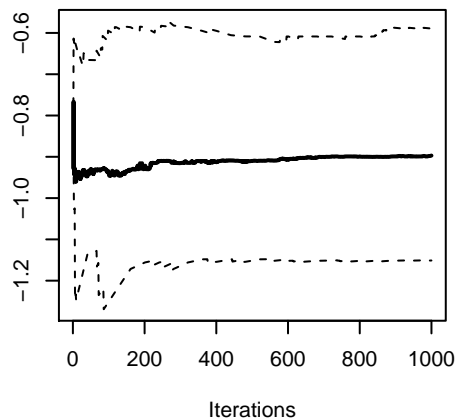
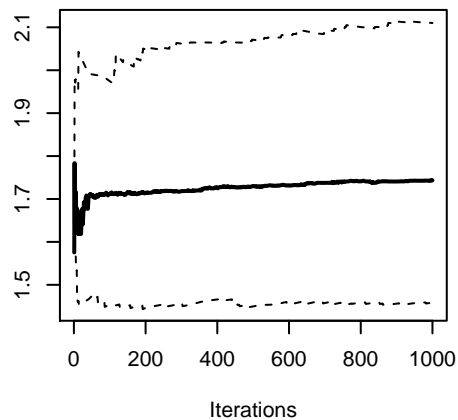
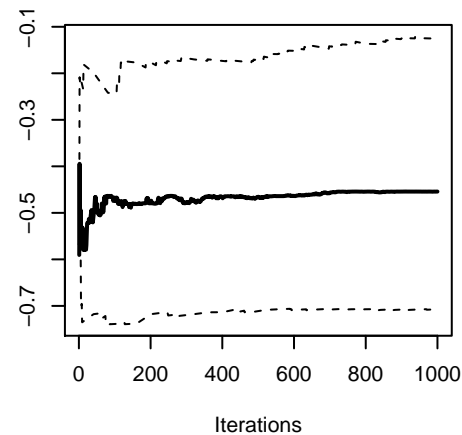
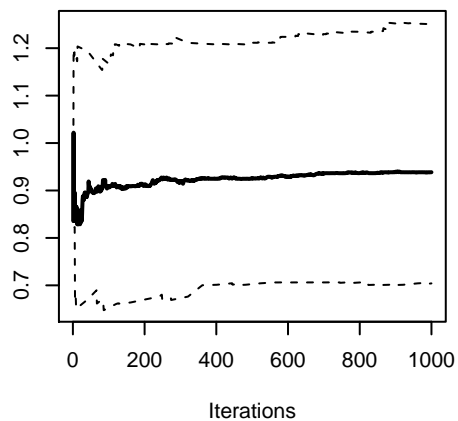
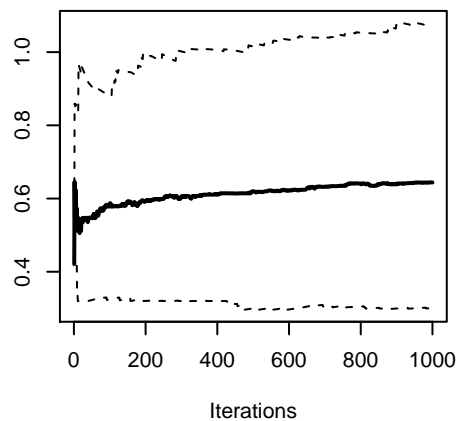
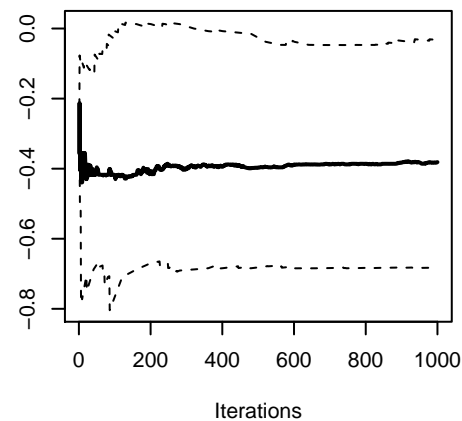
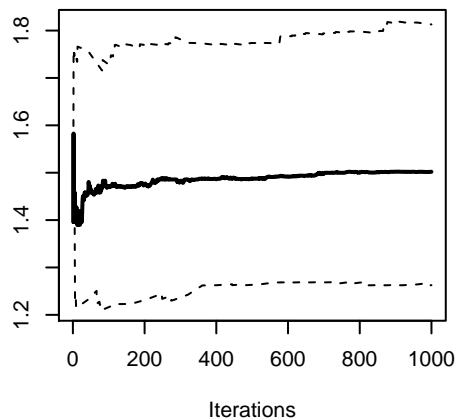
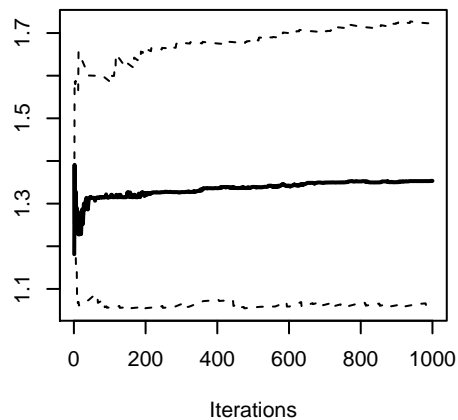
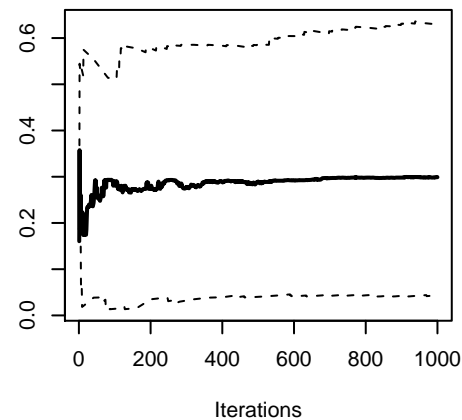
crosscorr.plot

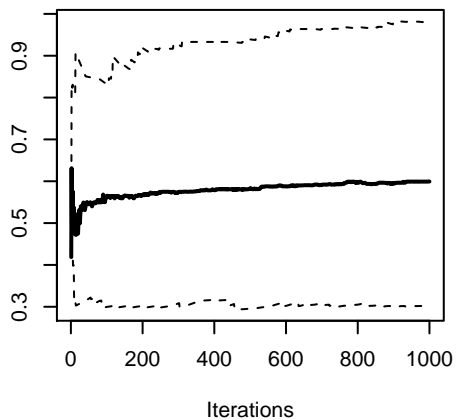
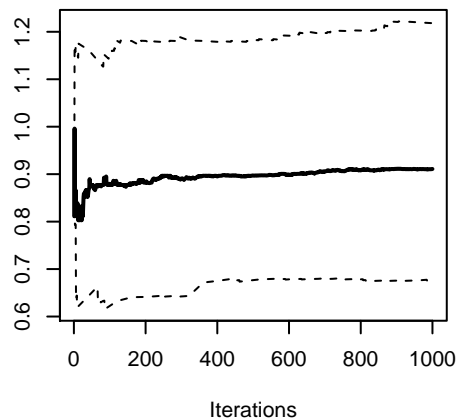
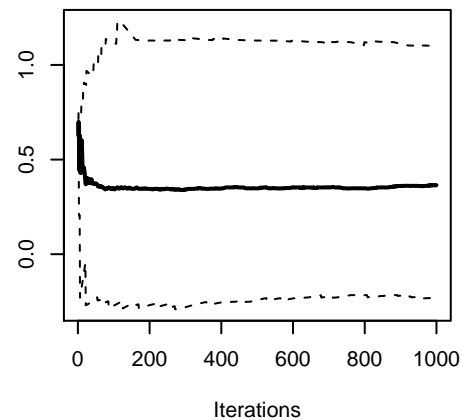
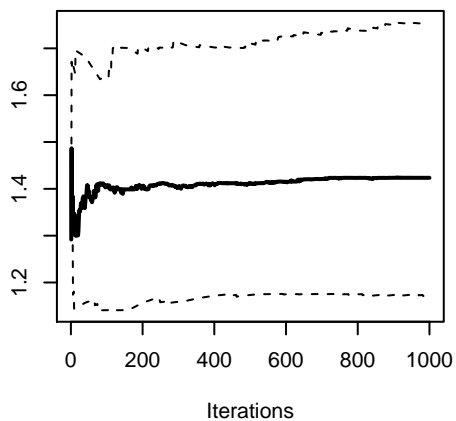
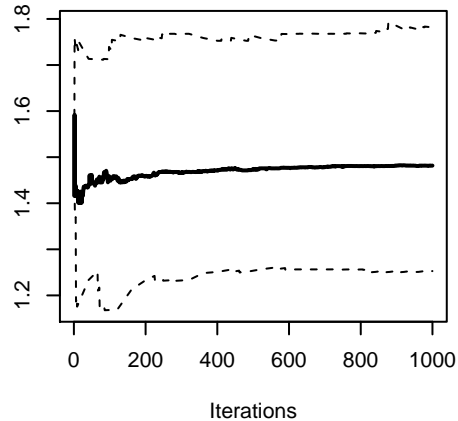
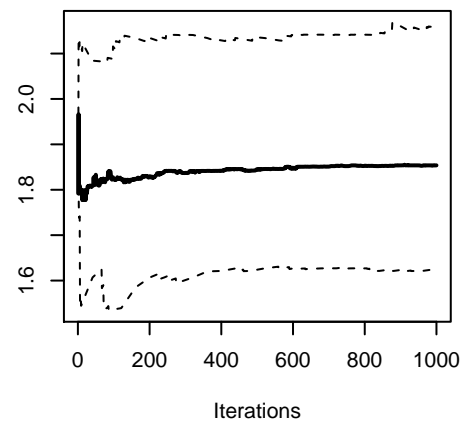
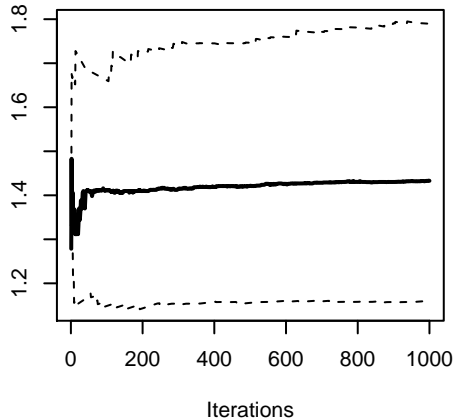
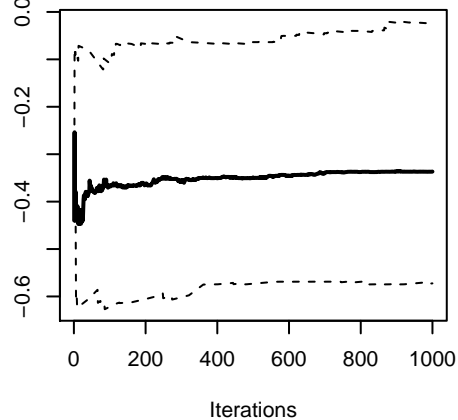
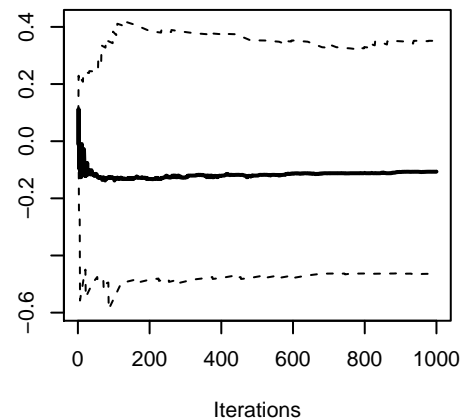


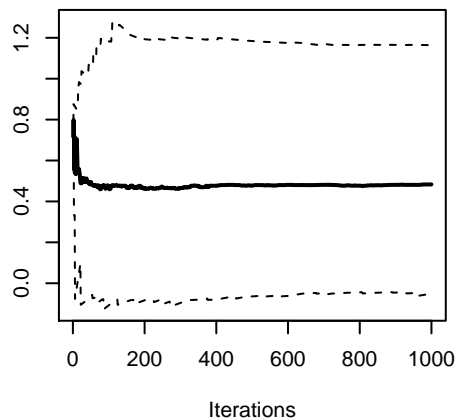
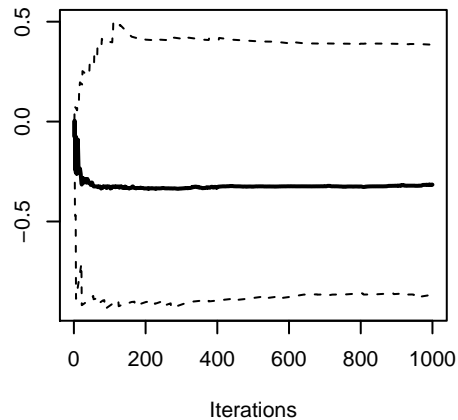
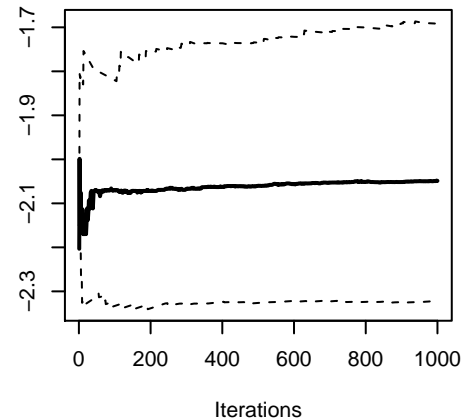
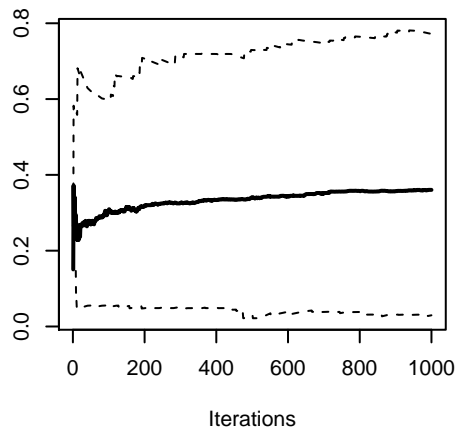
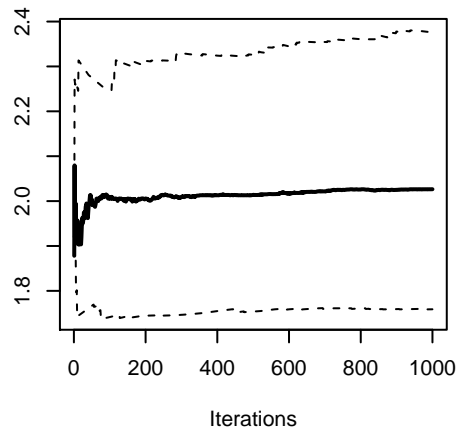
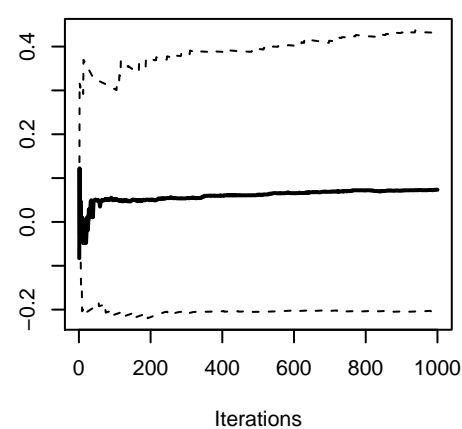
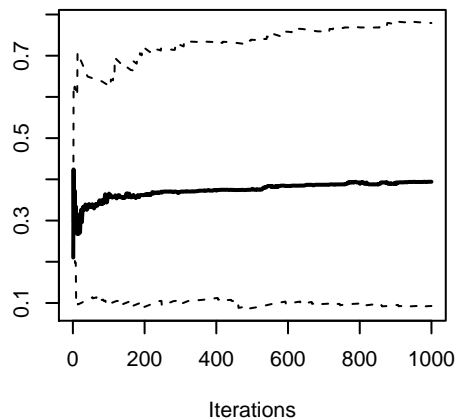
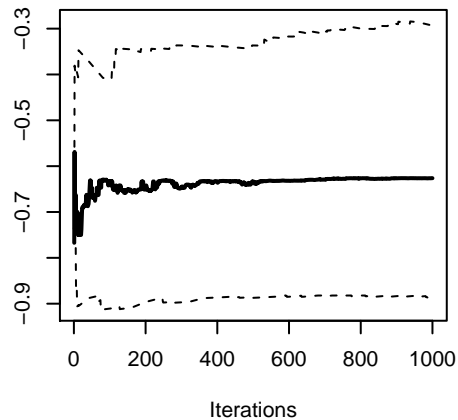
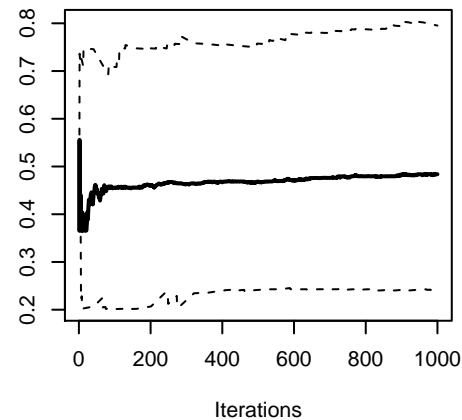


**beta****deviance****ln.alpha****ln.alpha.c****log.resid[1]****log.resid[2]****log.resid[3]****log.resid[4]****log.resid[5]**

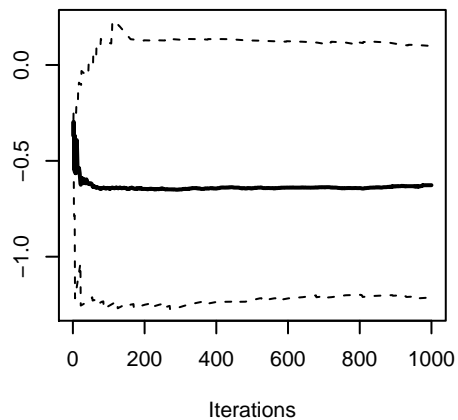
**log.resid[6]****log.resid[7]****log.resid[8]****log.resid[9]****log.resid[10]****log.resid[11]****log.resid[12]****log.resid[13]****log.resid[14]**

**log.resid[15]****log.resid[16]****log.resid[17]****log.resid[18]****log.resid[19]****log.resid[20]****log.resid[21]****log.resid[22]****log.resid[23]**

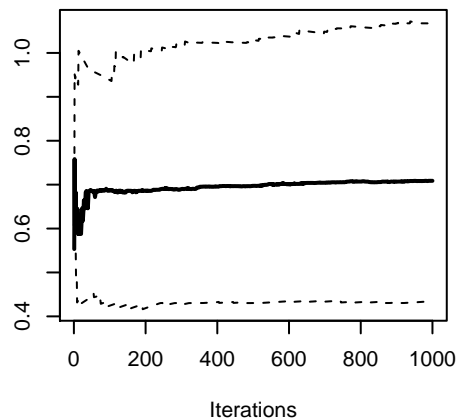
**log.resid[24]****log.resid[25]****log.resid[26]****log.resid[27]****log.resid[28]****log.resid[29]****log.resid[30]****log.resid[31]****log.resid[32]**

**log.resid[33]****log.resid[34]****log.resid[35]****log.resid[36]****log.resid[37]****log.resid[38]****log.resid[39]****log.resid[40]****log.resid[41]**

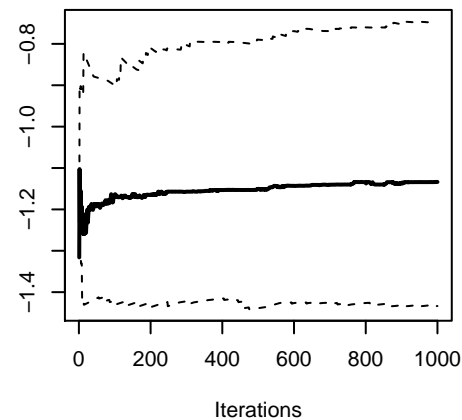
**log.resid[42]**



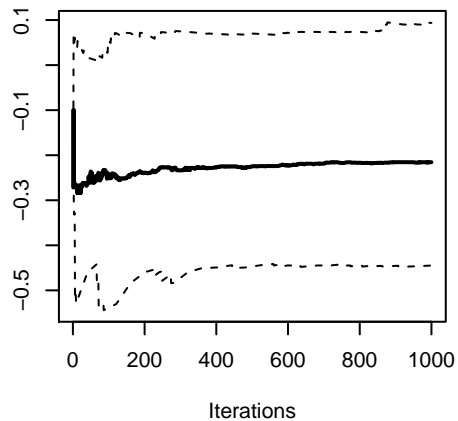
**log.resid[43]**



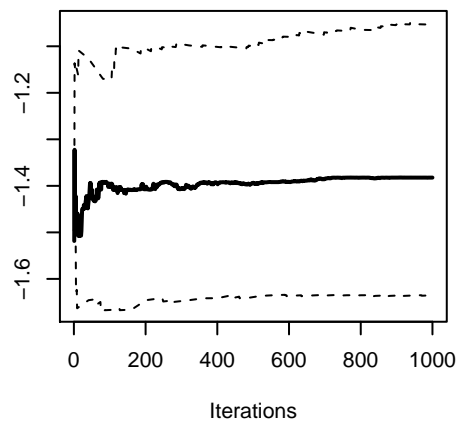
**log.resid[44]**



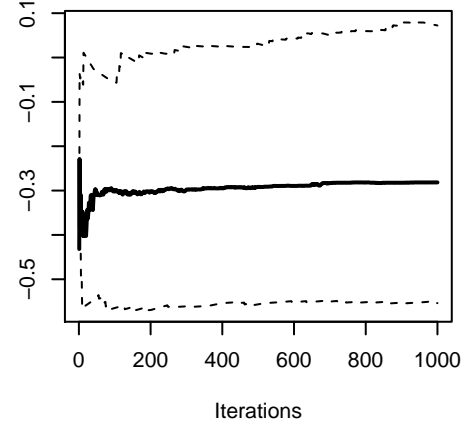
**log.resid[45]**



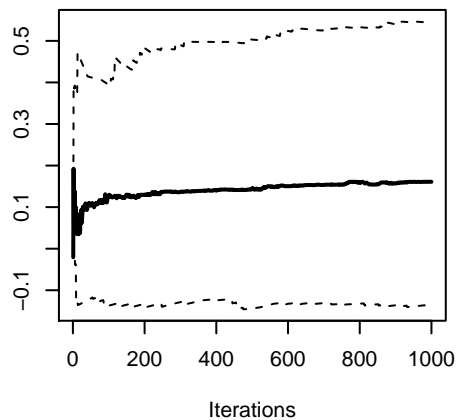
**log.resid[46]**



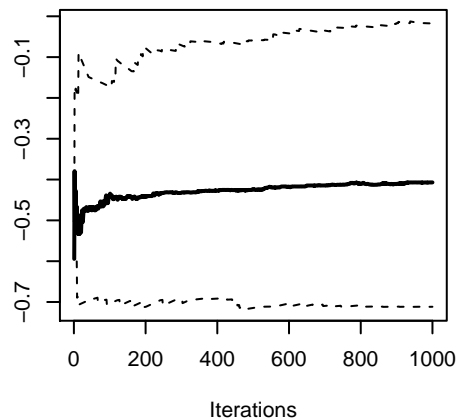
**log.resid[47]**



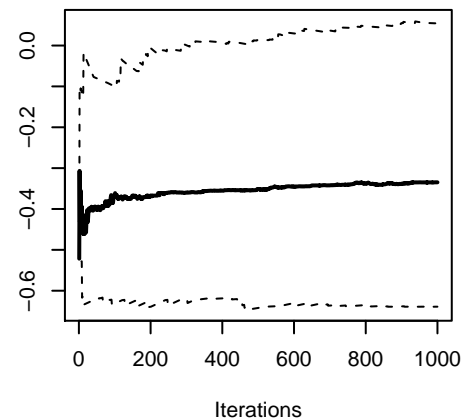
**log.resid[48]**



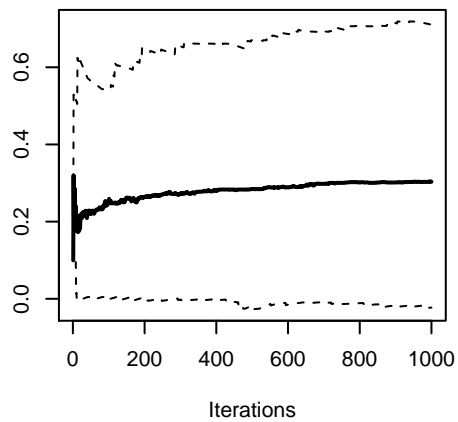
**log.resid[49]**



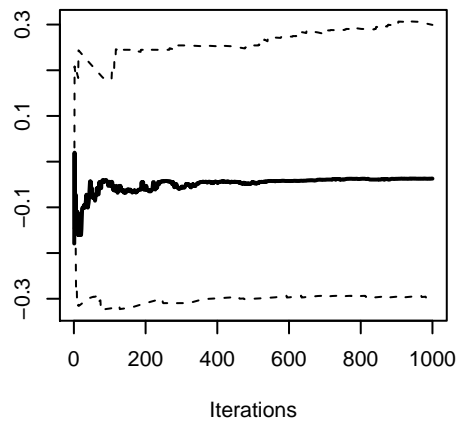
**log.resid[50]**



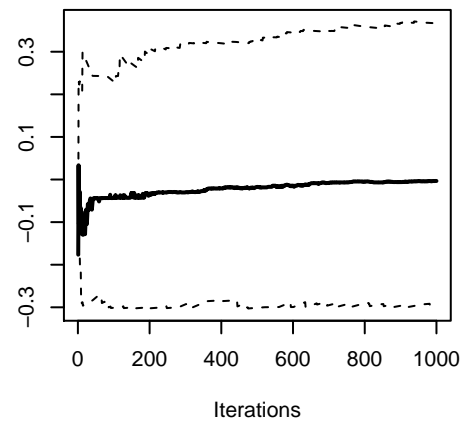
**log.resid[51]**



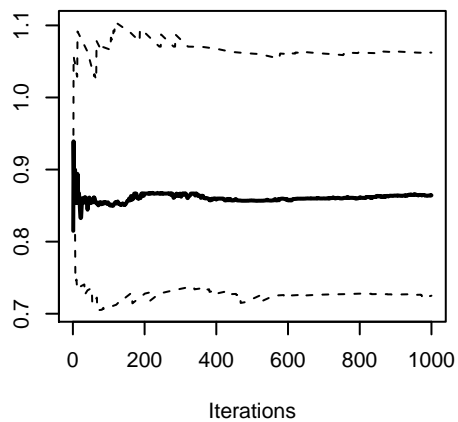
**log.resid[52]**



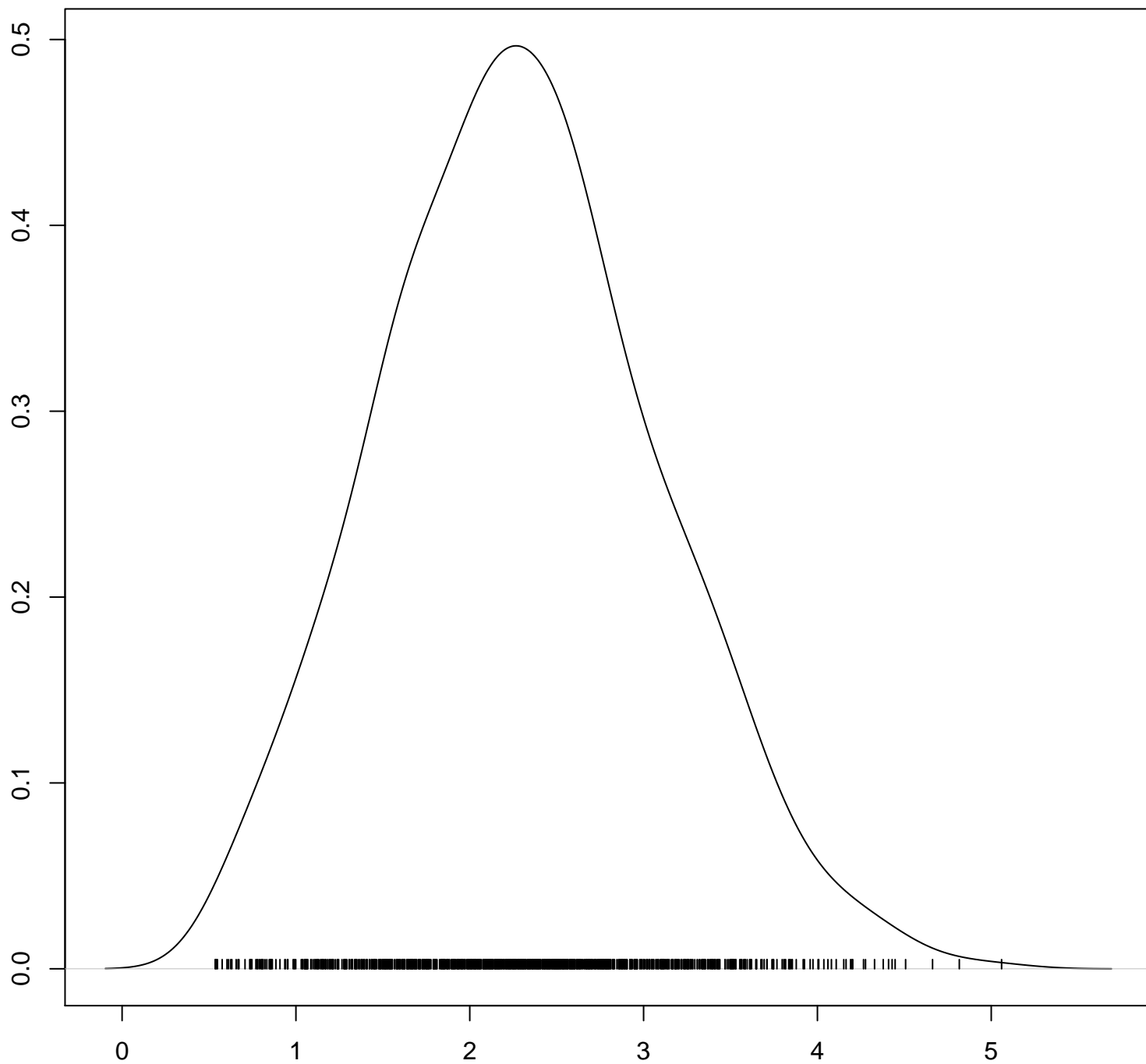
**log.resid[53]**



**sigma**



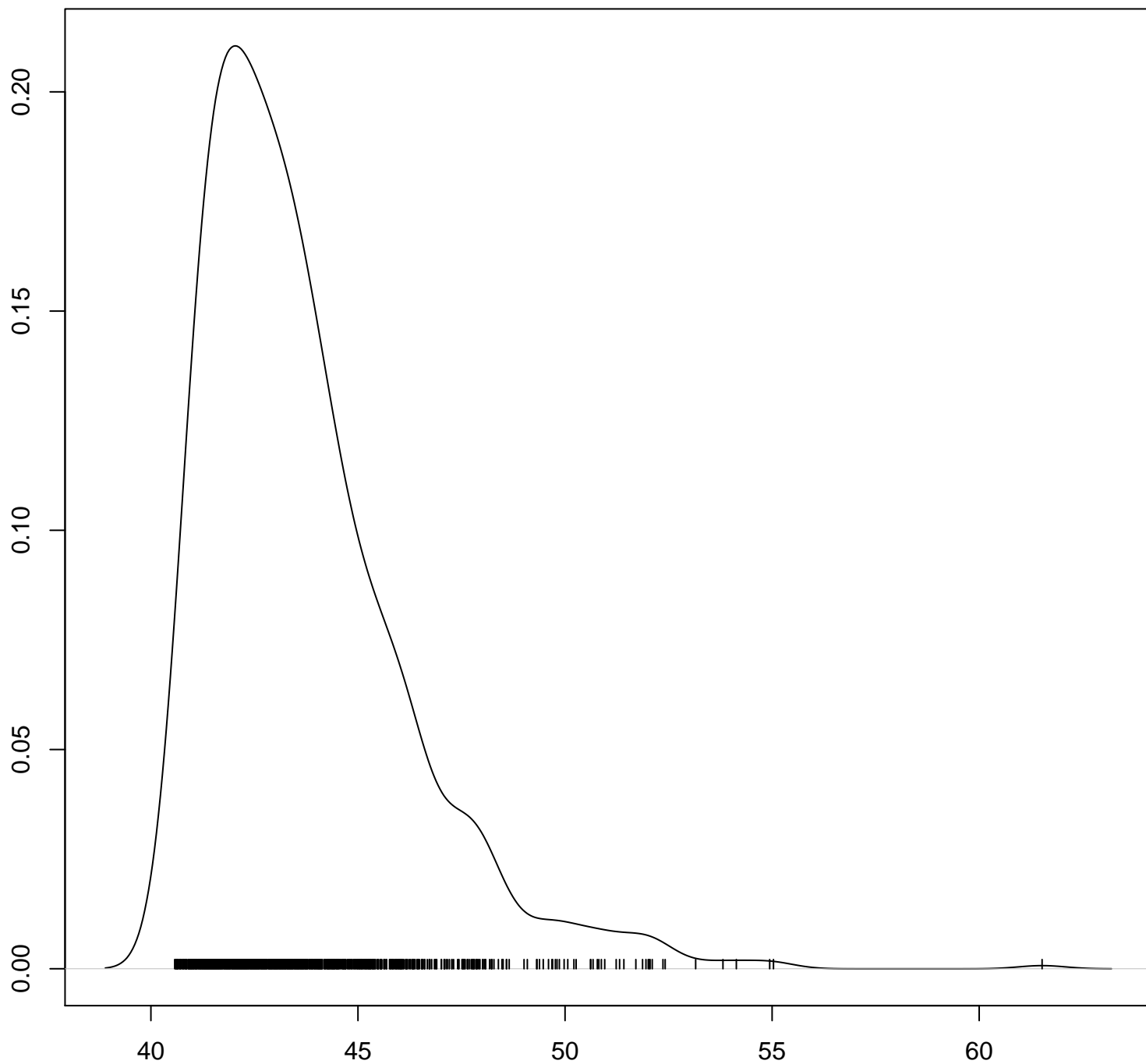
# Density of beta



N = 1000 Bandwidth = 0.2107

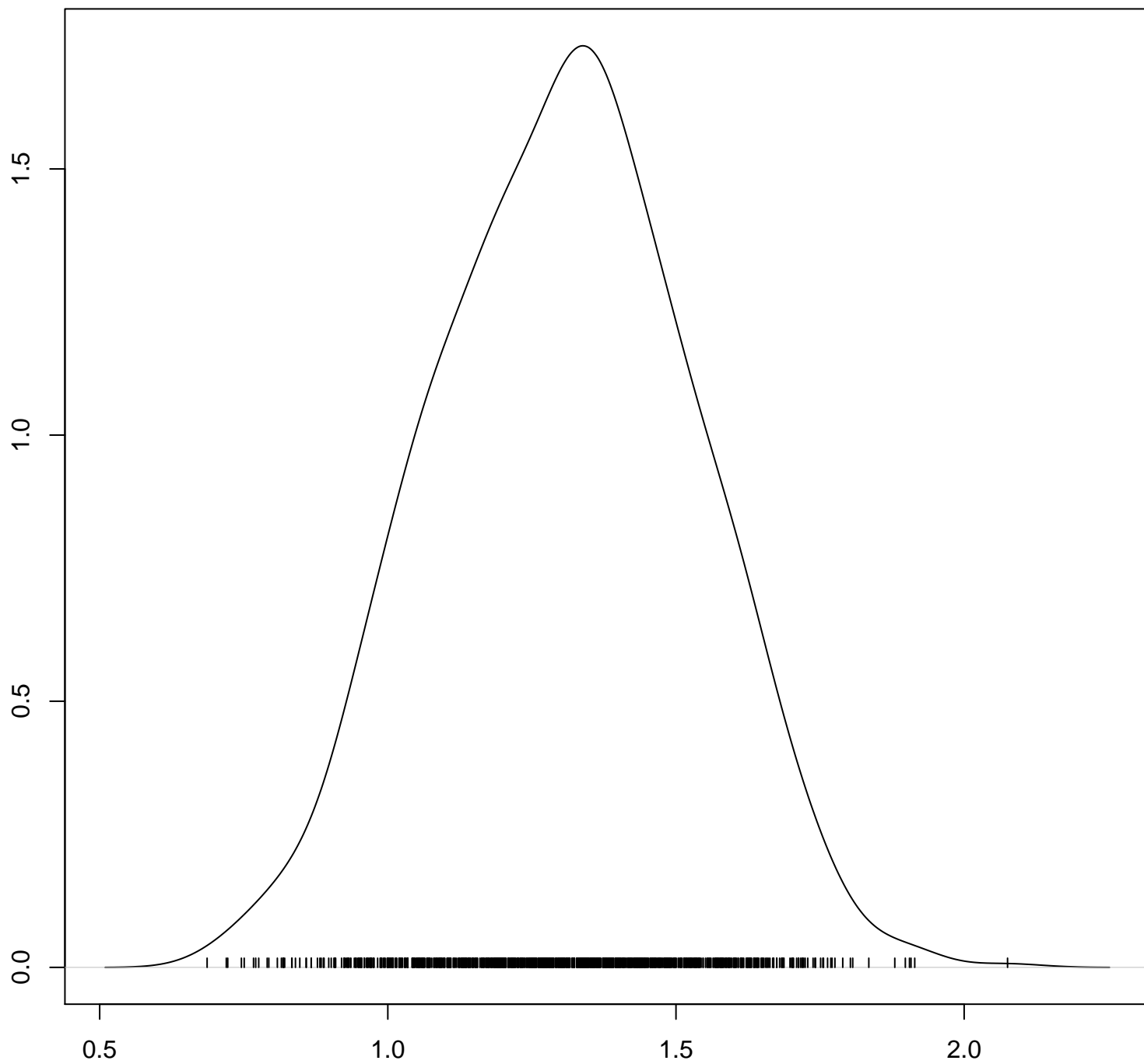


# Density of deviance



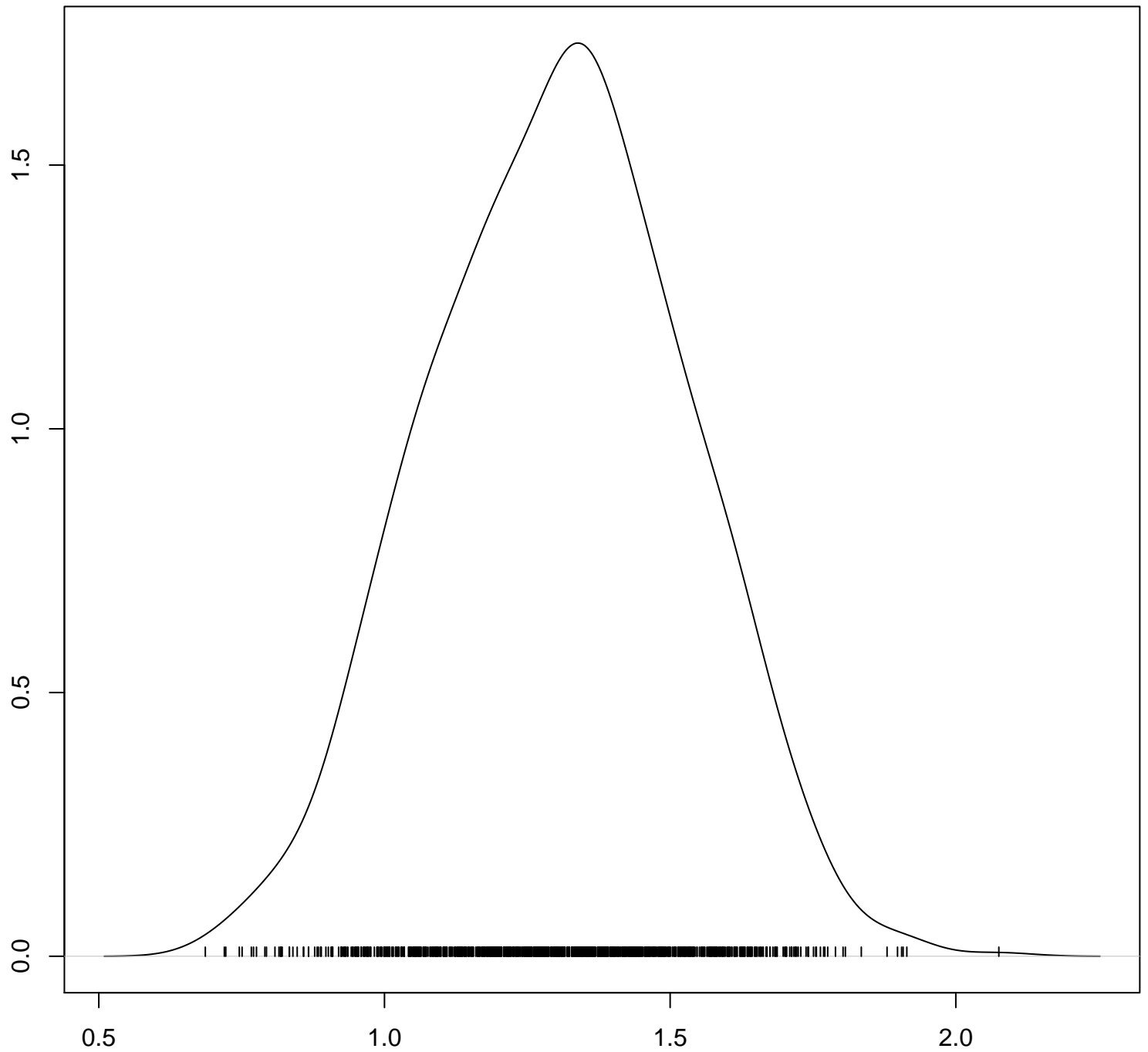
N = 1000 Bandwidth = 0.5586

# Density of $\ln.\alpha$



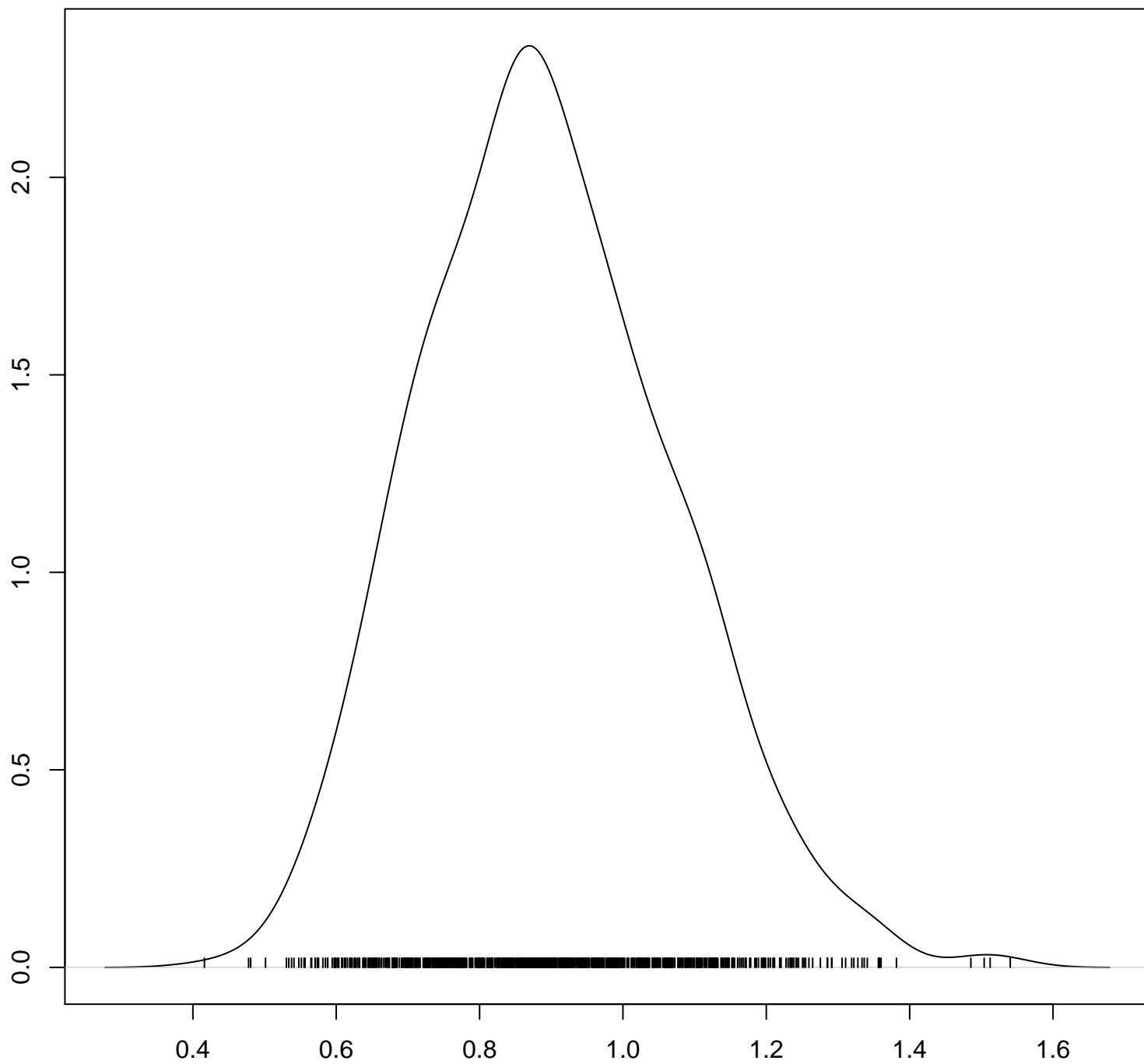
N = 1000 Bandwidth = 0.059

# Density of ln.alpha.c



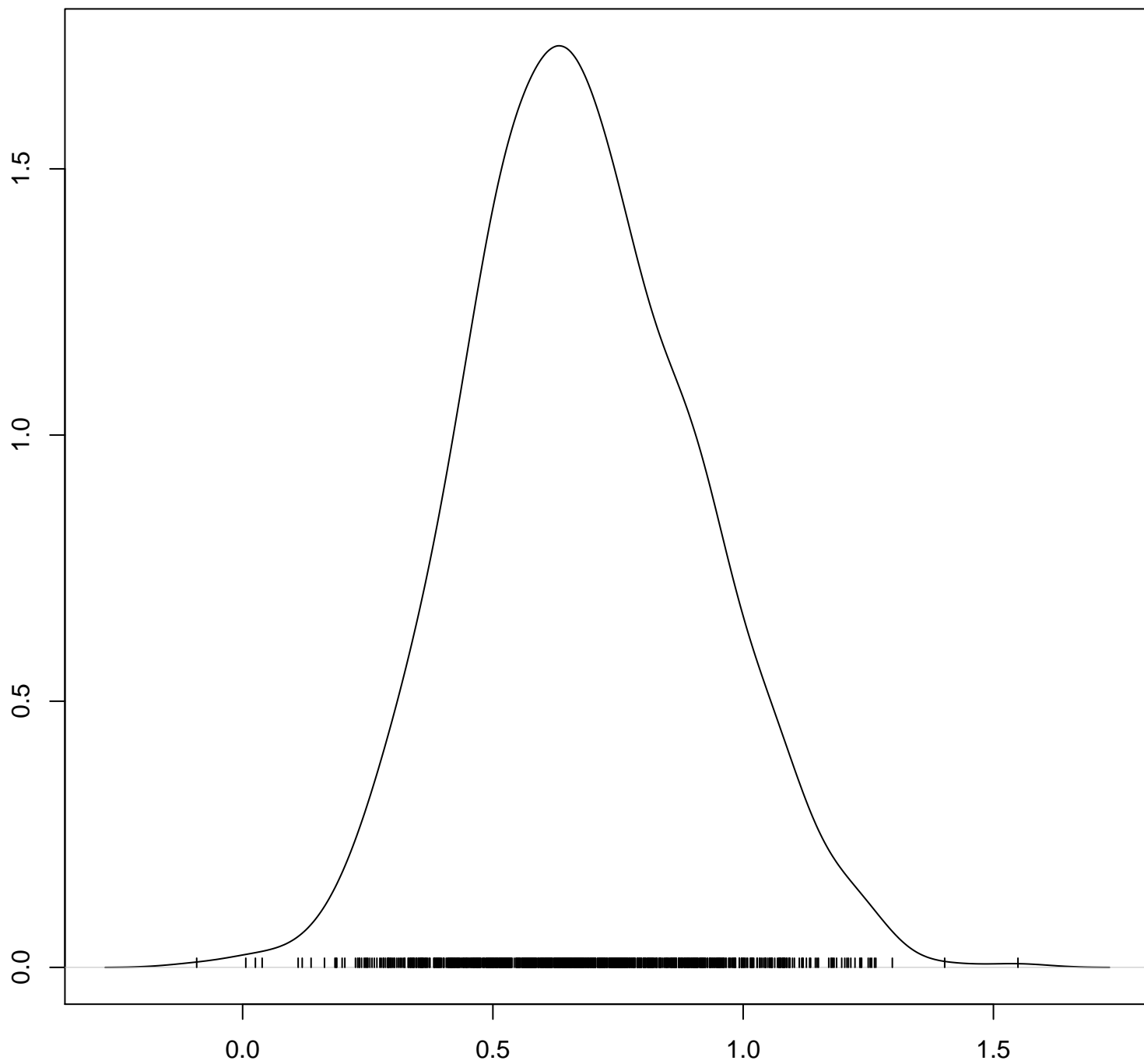
N = 1000 Bandwidth = 0.059

Density of log.resid[1]



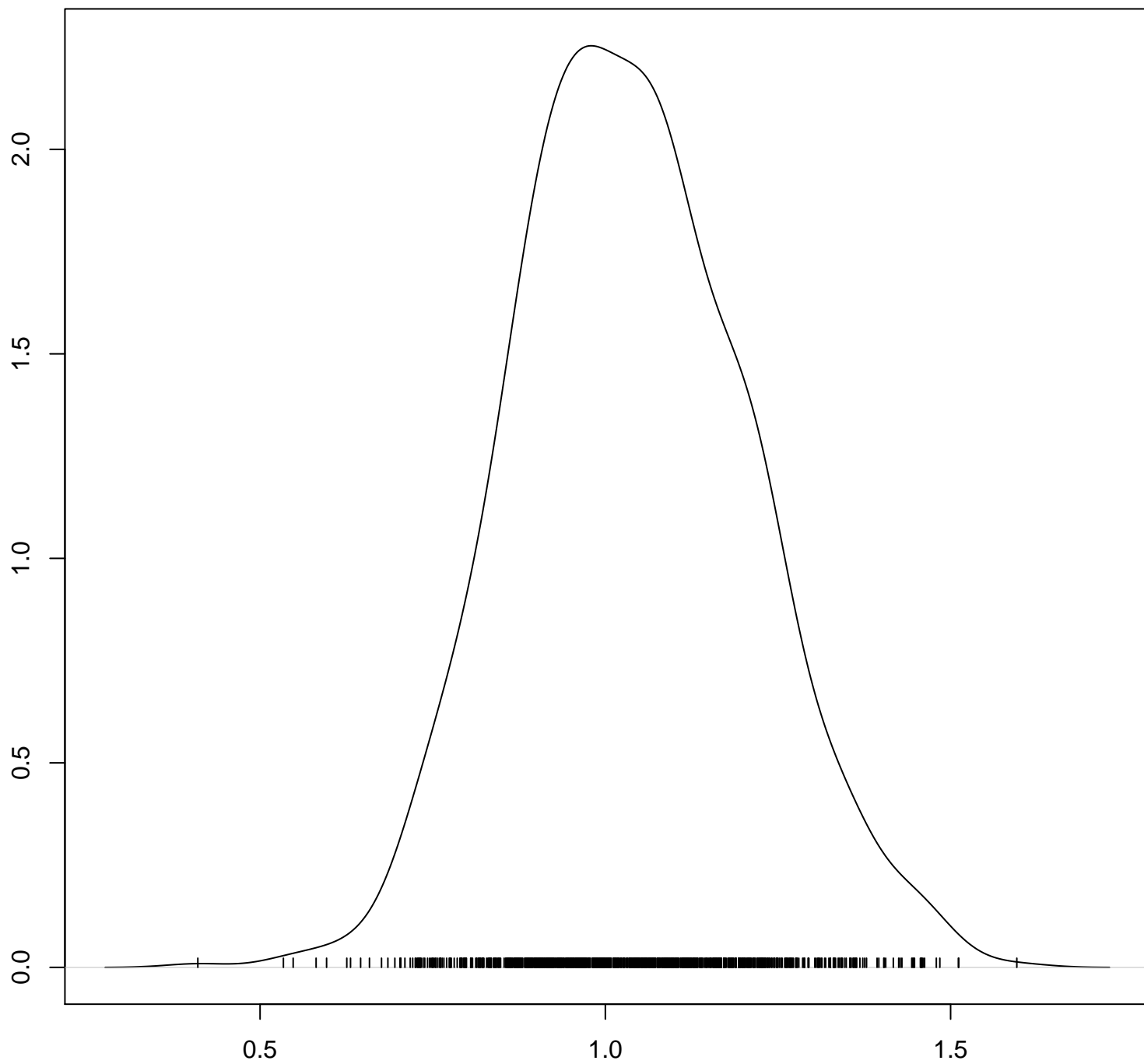
N = 1000 Bandwidth = 0.04618

Density of log.resid[2]



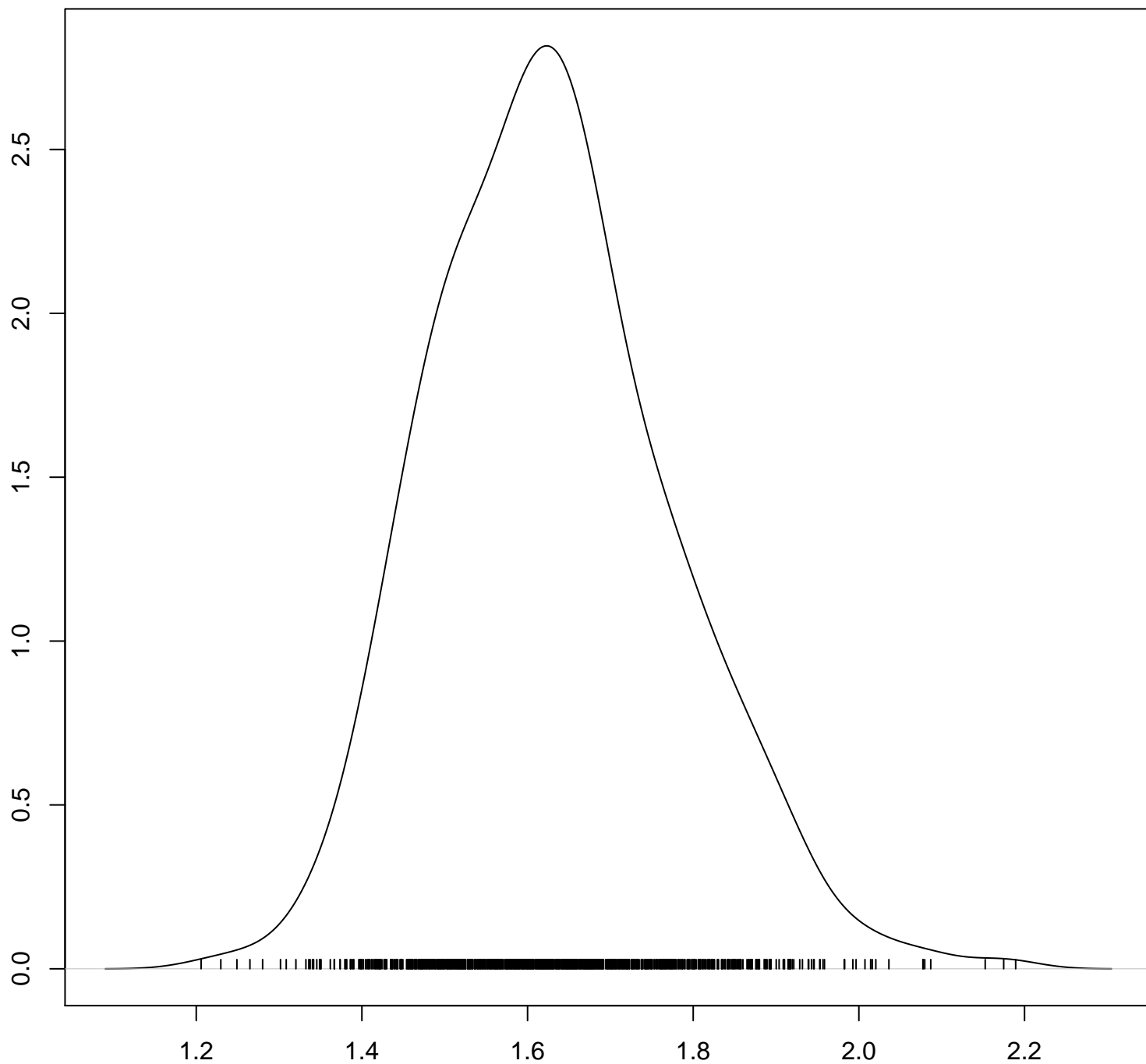
N = 1000 Bandwidth = 0.06099

Density of log.resid[3]



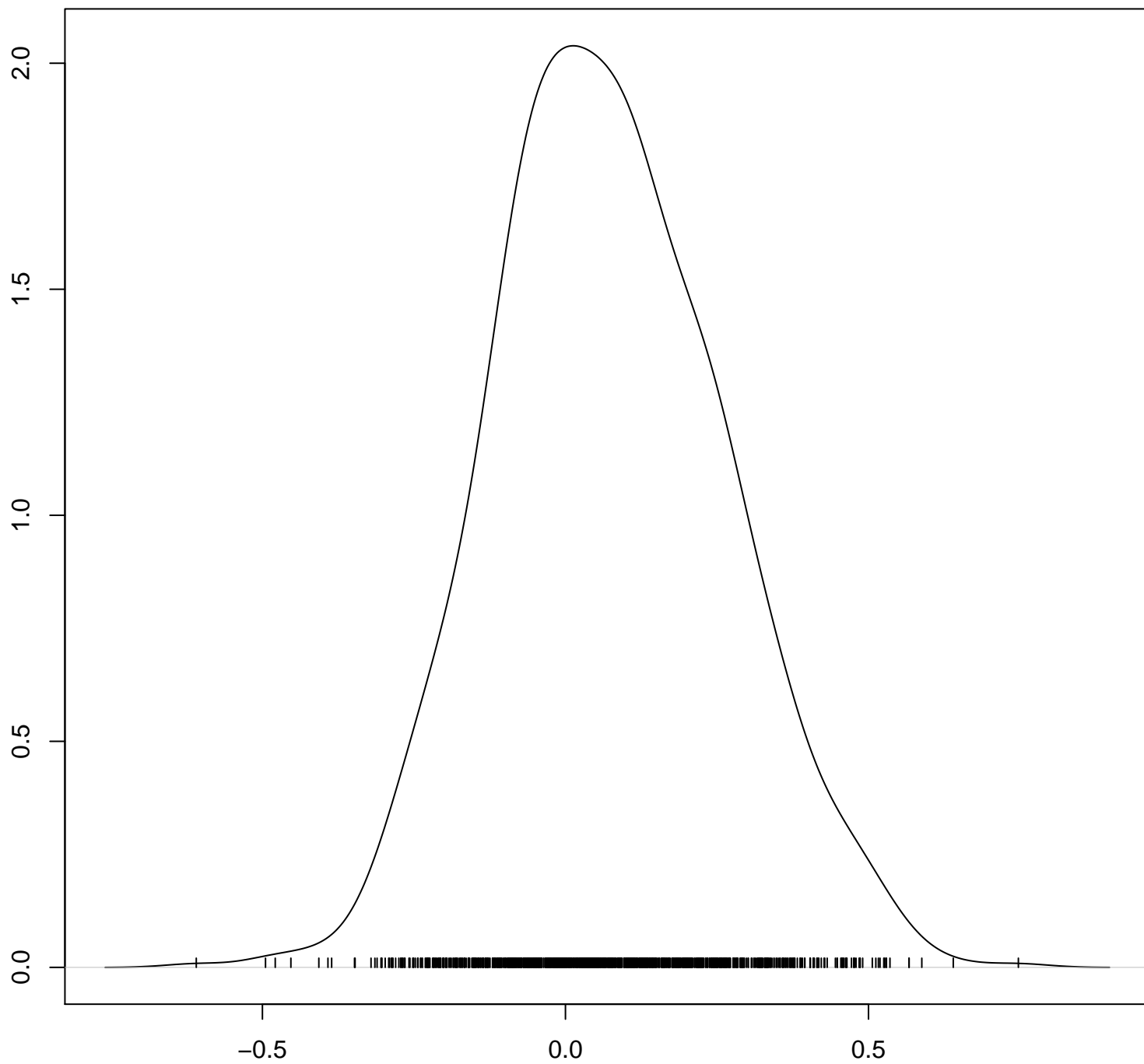
N = 1000 Bandwidth = 0.04476

Density of log.resid[4]



N = 1000 Bandwidth = 0.03856

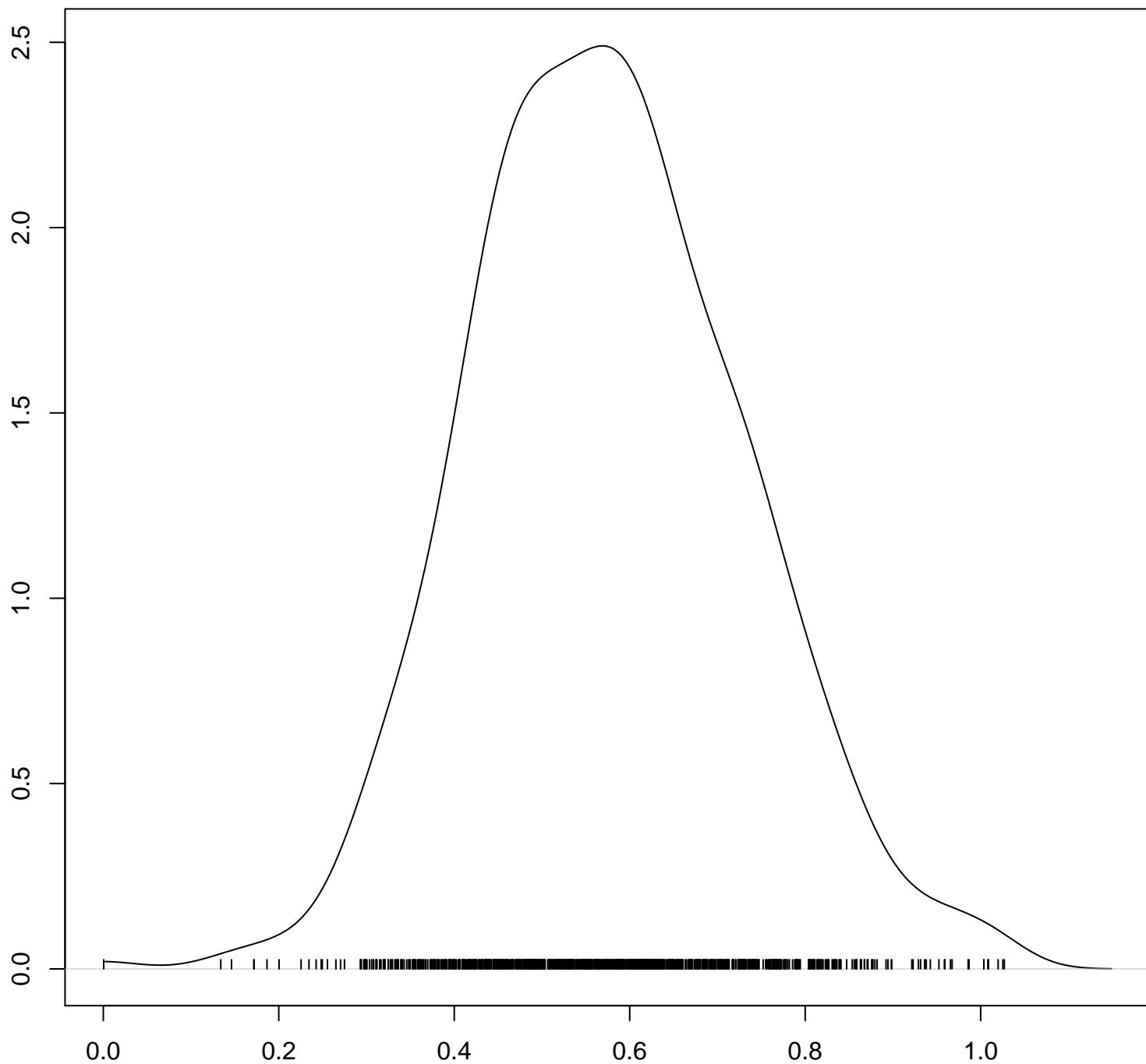
Density of log.resid[5]



N = 1000 Bandwidth = 0.05014

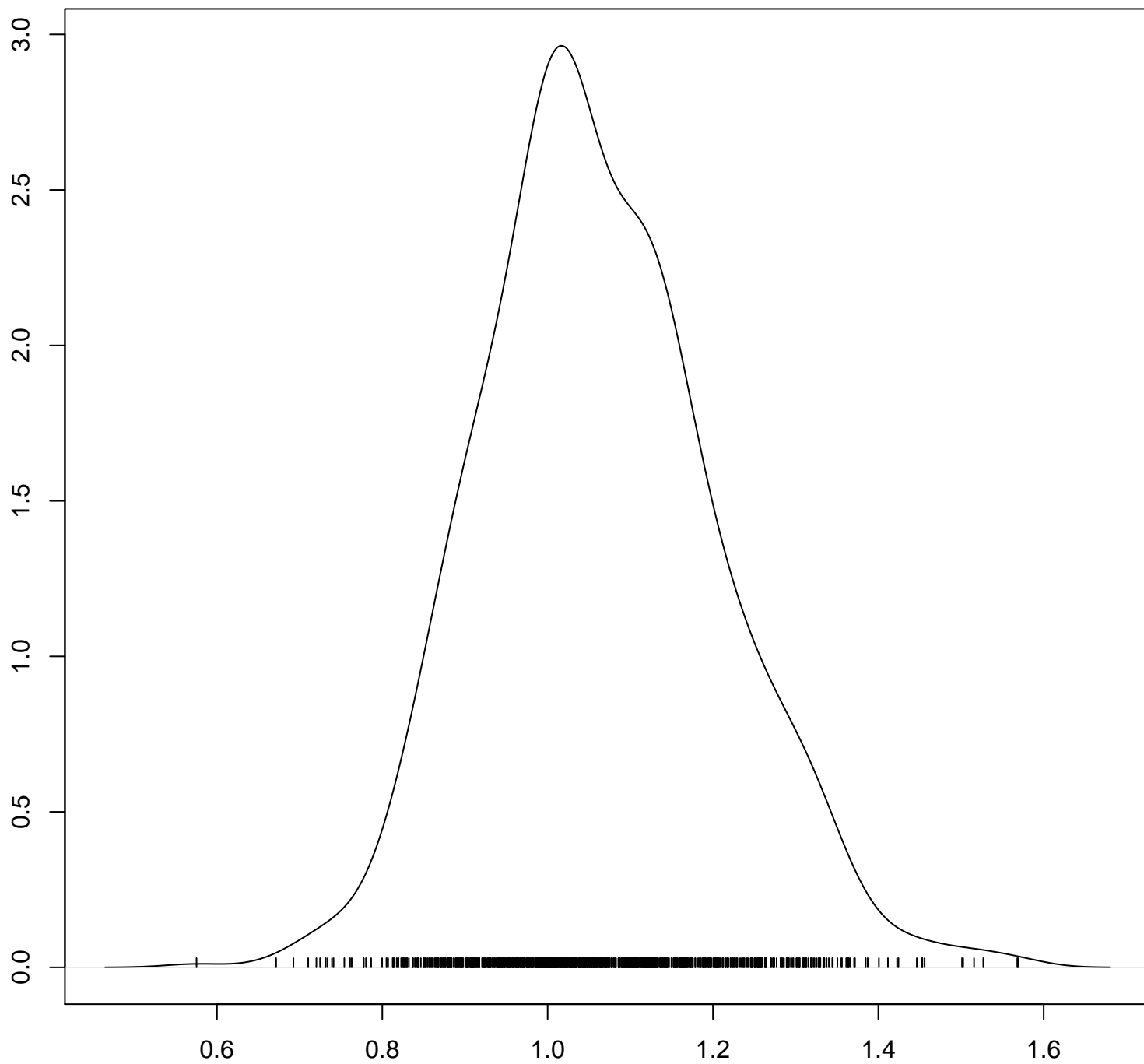


Density of log.resid[6]



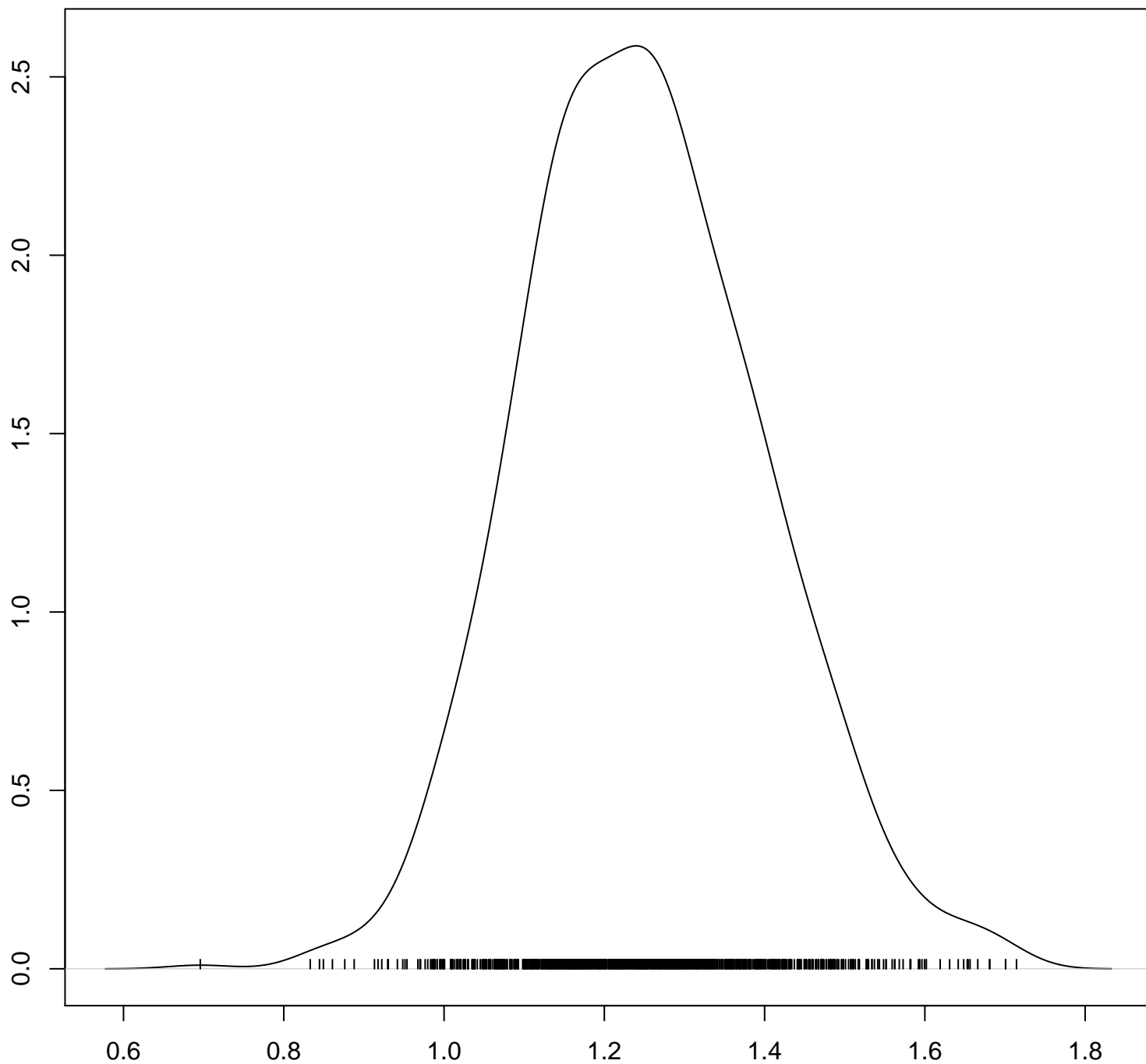
N = 1000 Bandwidth = 0.04071

Density of log.resid[7]



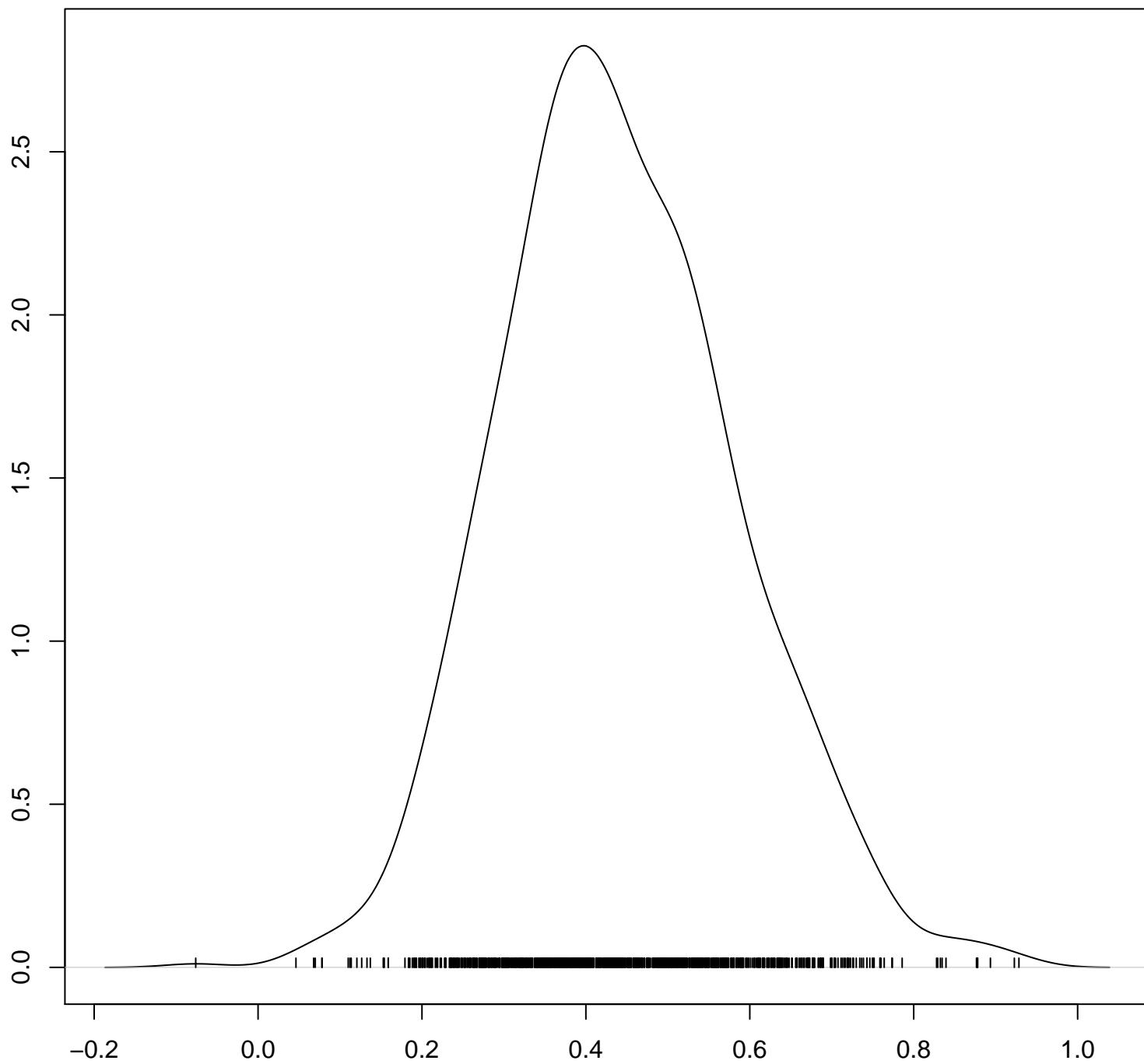
N = 1000 Bandwidth = 0.03686

Density of log.resid[8]



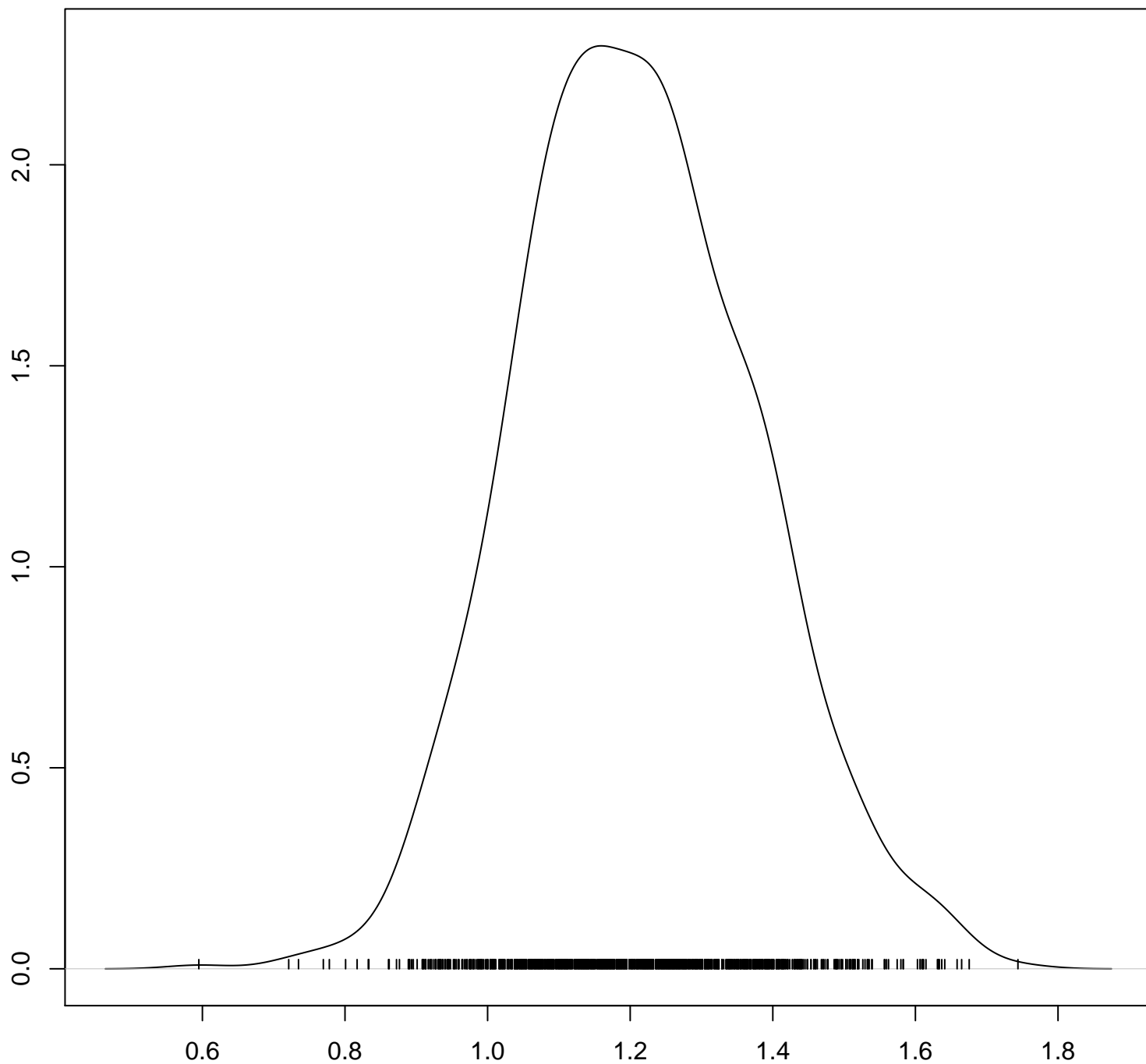
N = 1000 Bandwidth = 0.03952

Density of log.resid[9]



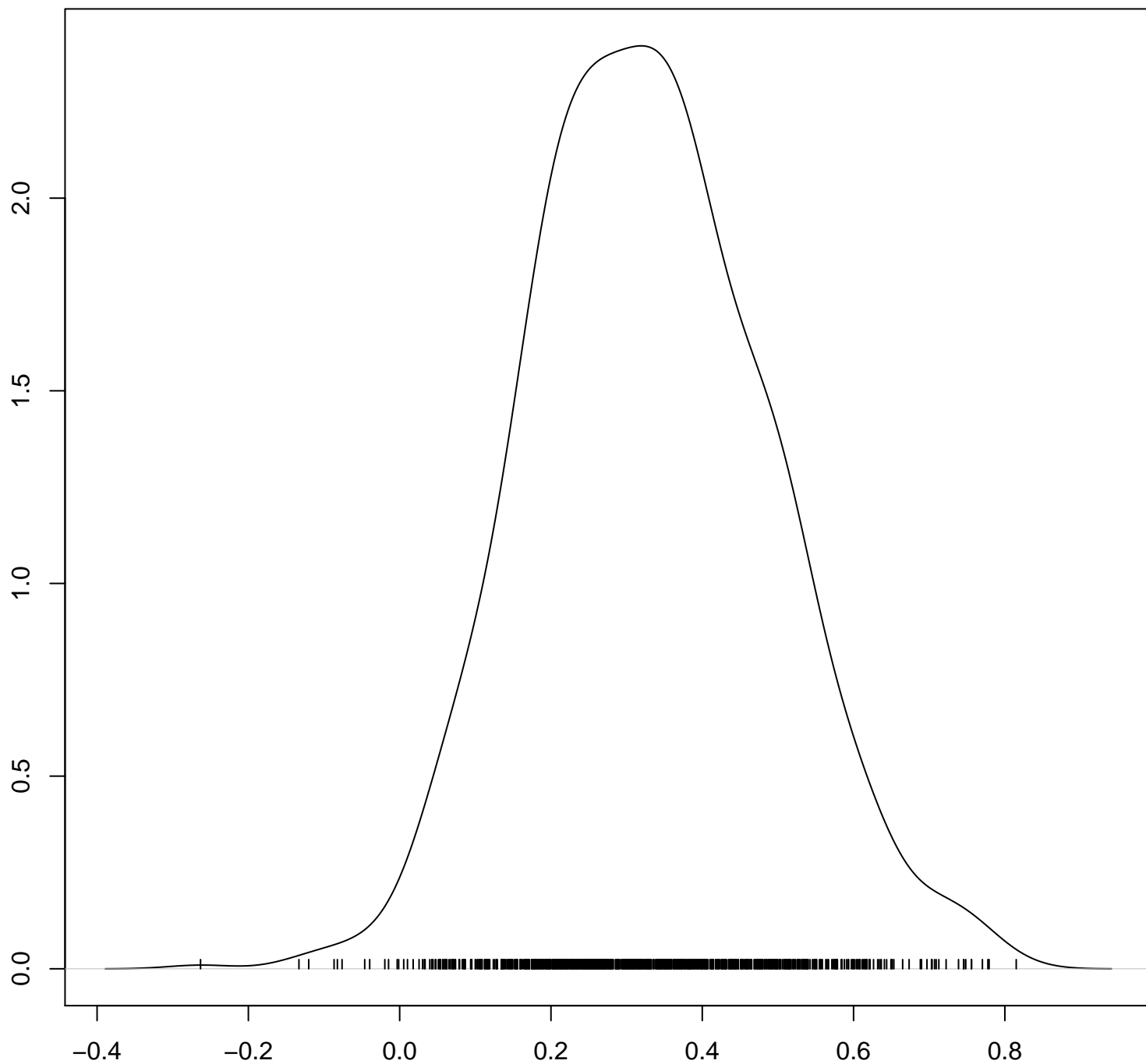
N = 1000 Bandwidth = 0.03685

Density of log.resid[10]



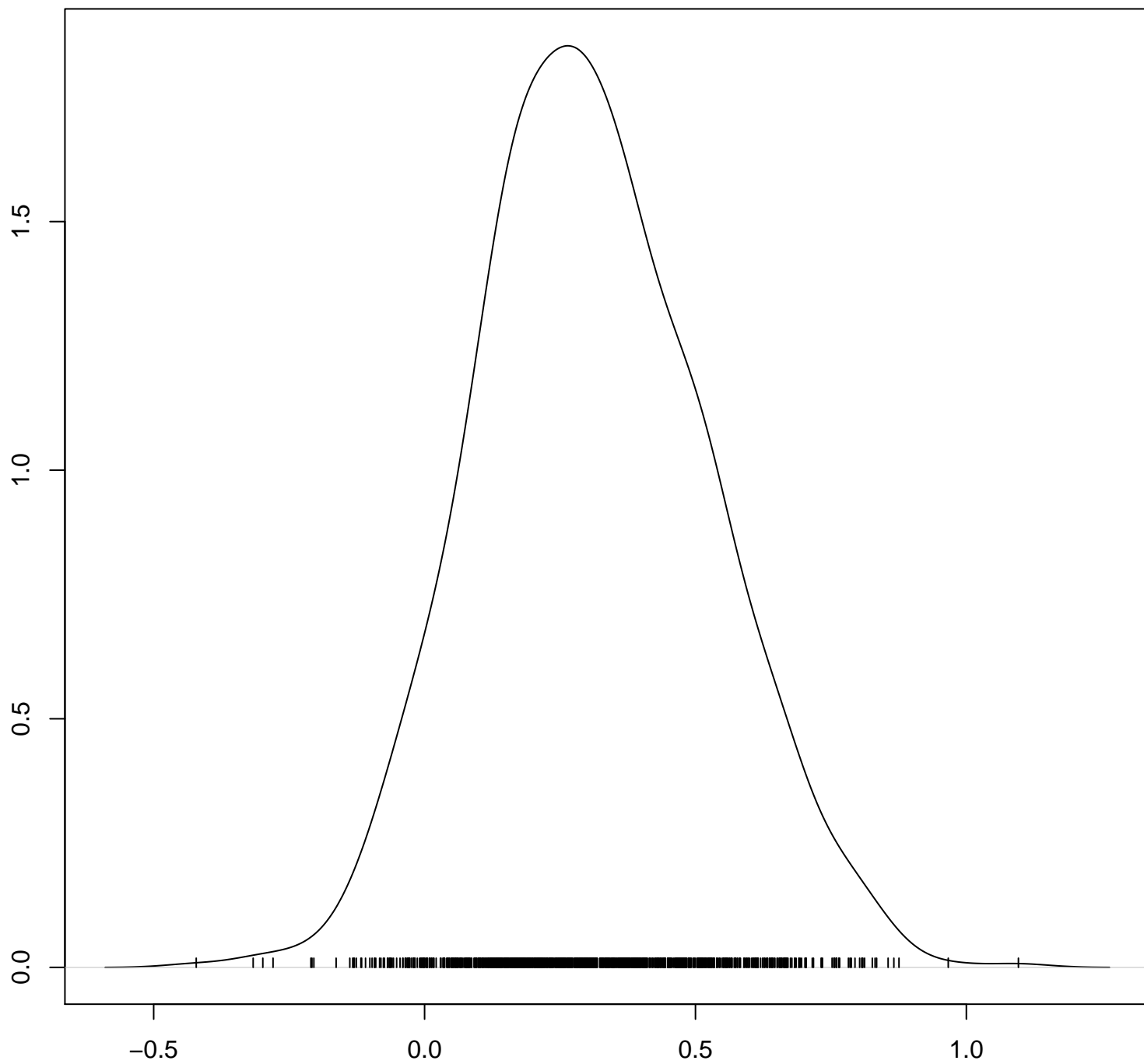
N = 1000 Bandwidth = 0.04373

Density of log.resid[11]



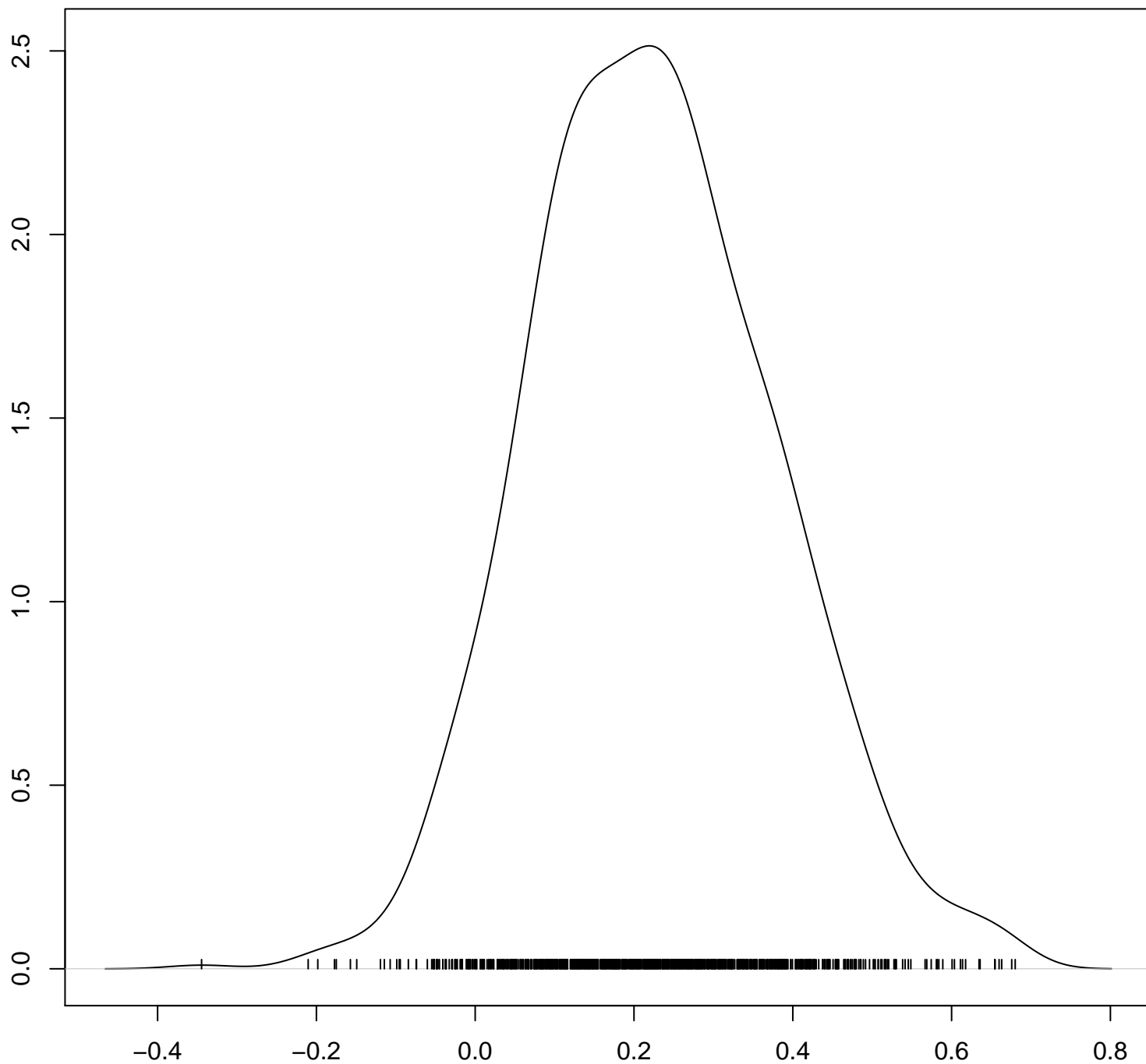
N = 1000 Bandwidth = 0.04198

Density of log.resid[12]



N = 1000 Bandwidth = 0.05606

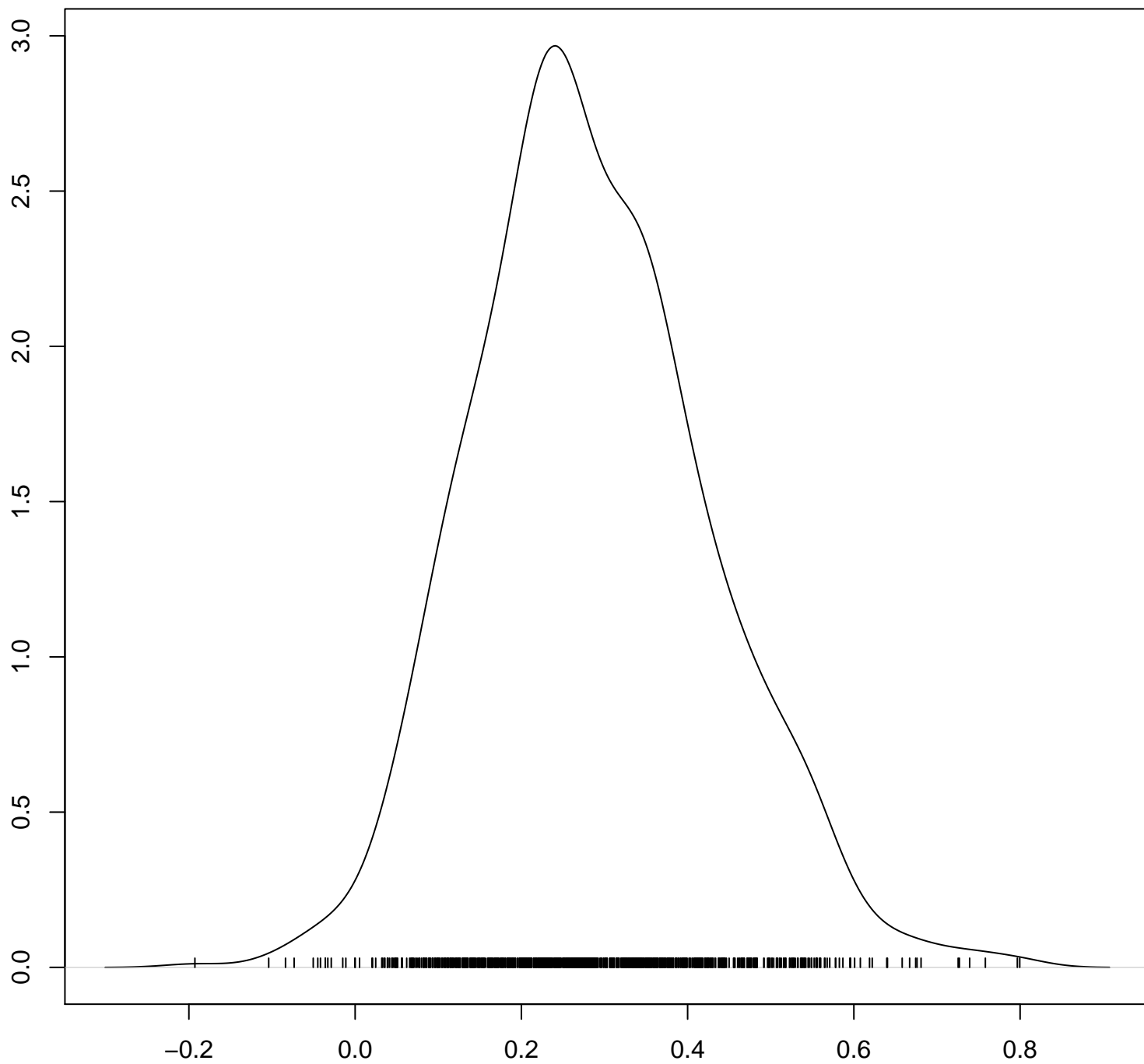
Density of log.resid[13]



N = 1000 Bandwidth = 0.04042

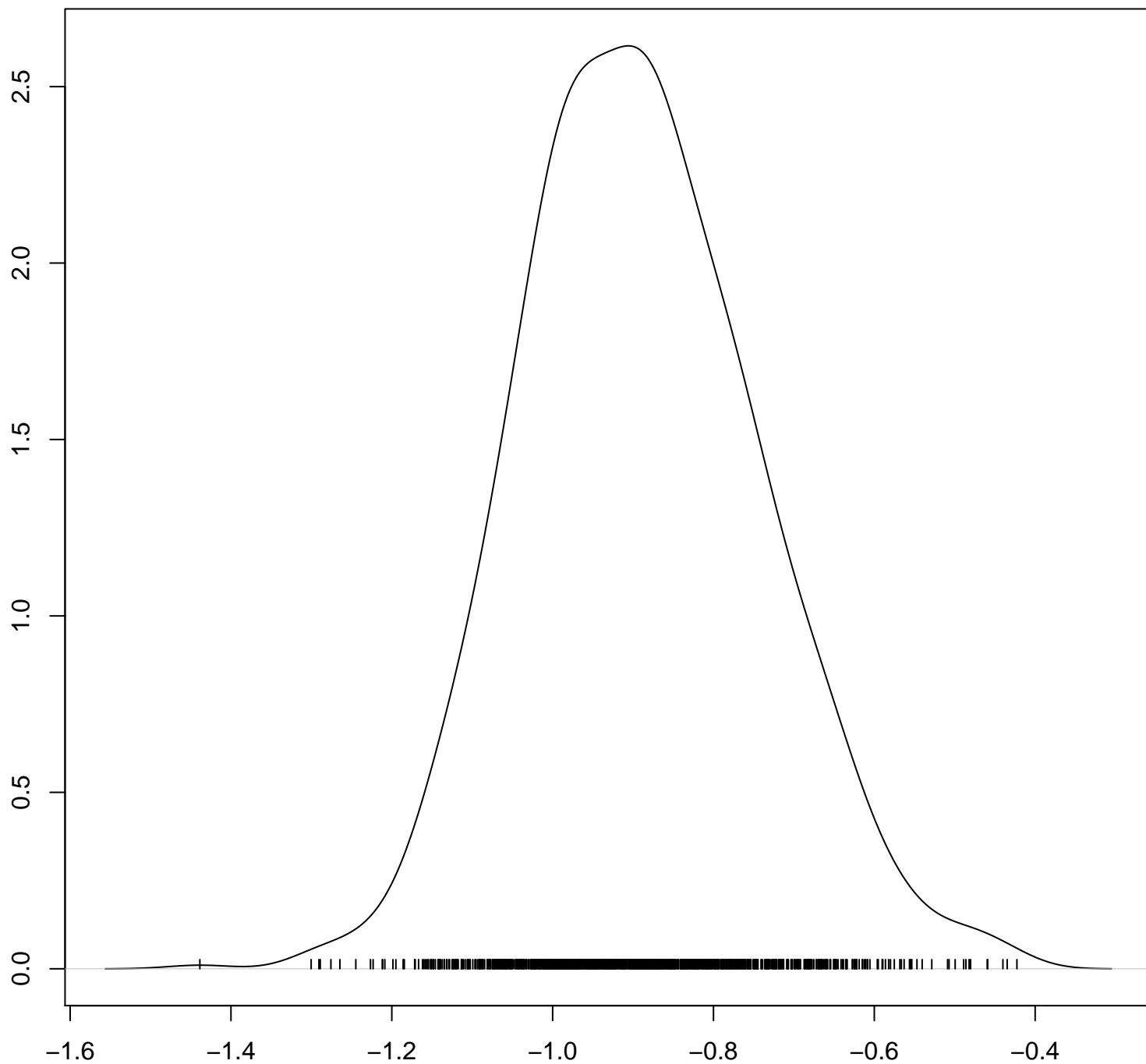


Density of log.resid[14]



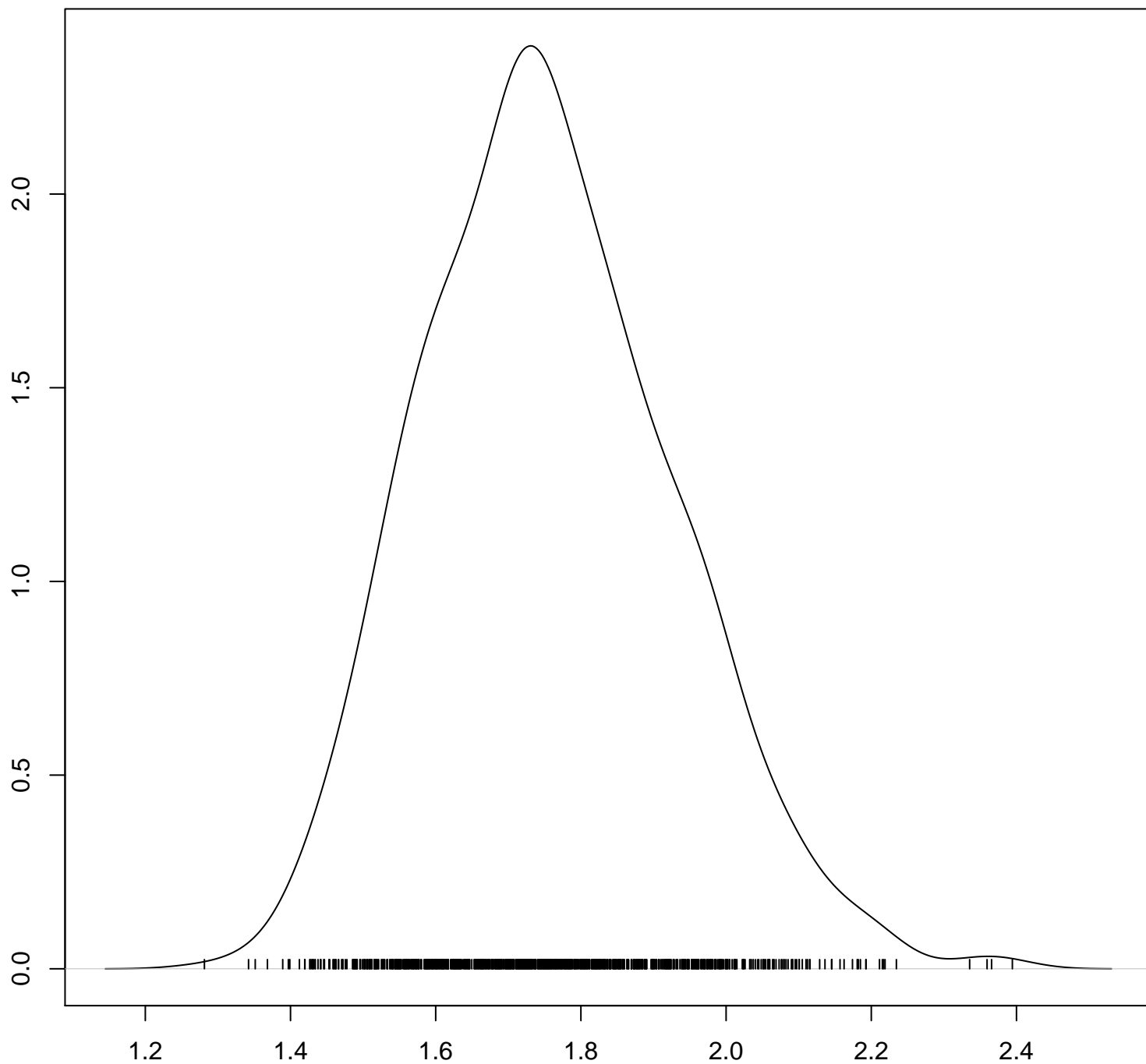
N = 1000 Bandwidth = 0.03601

Density of log.resid[15]



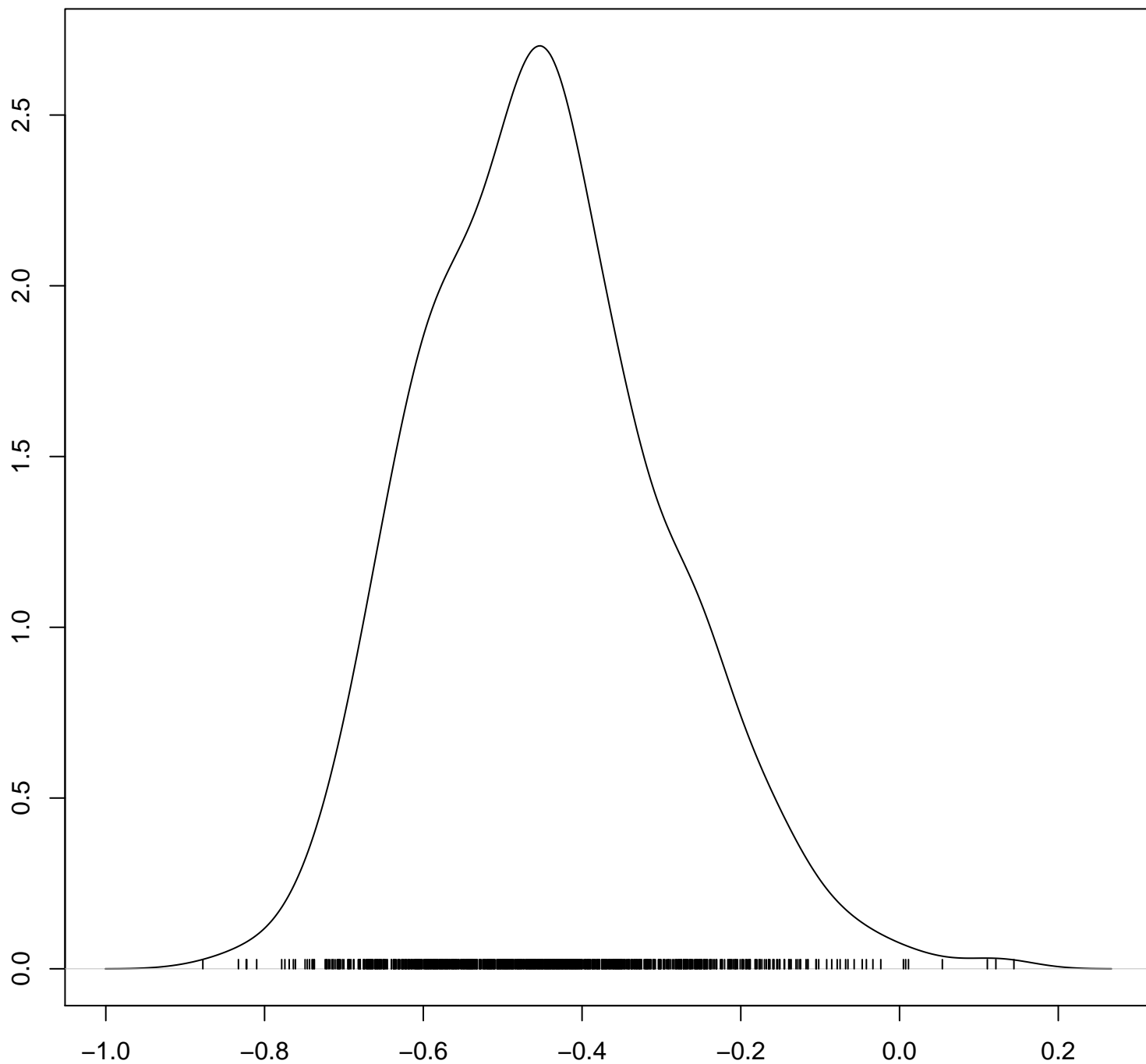
N = 1000 Bandwidth = 0.0392

Density of log.resid[16]



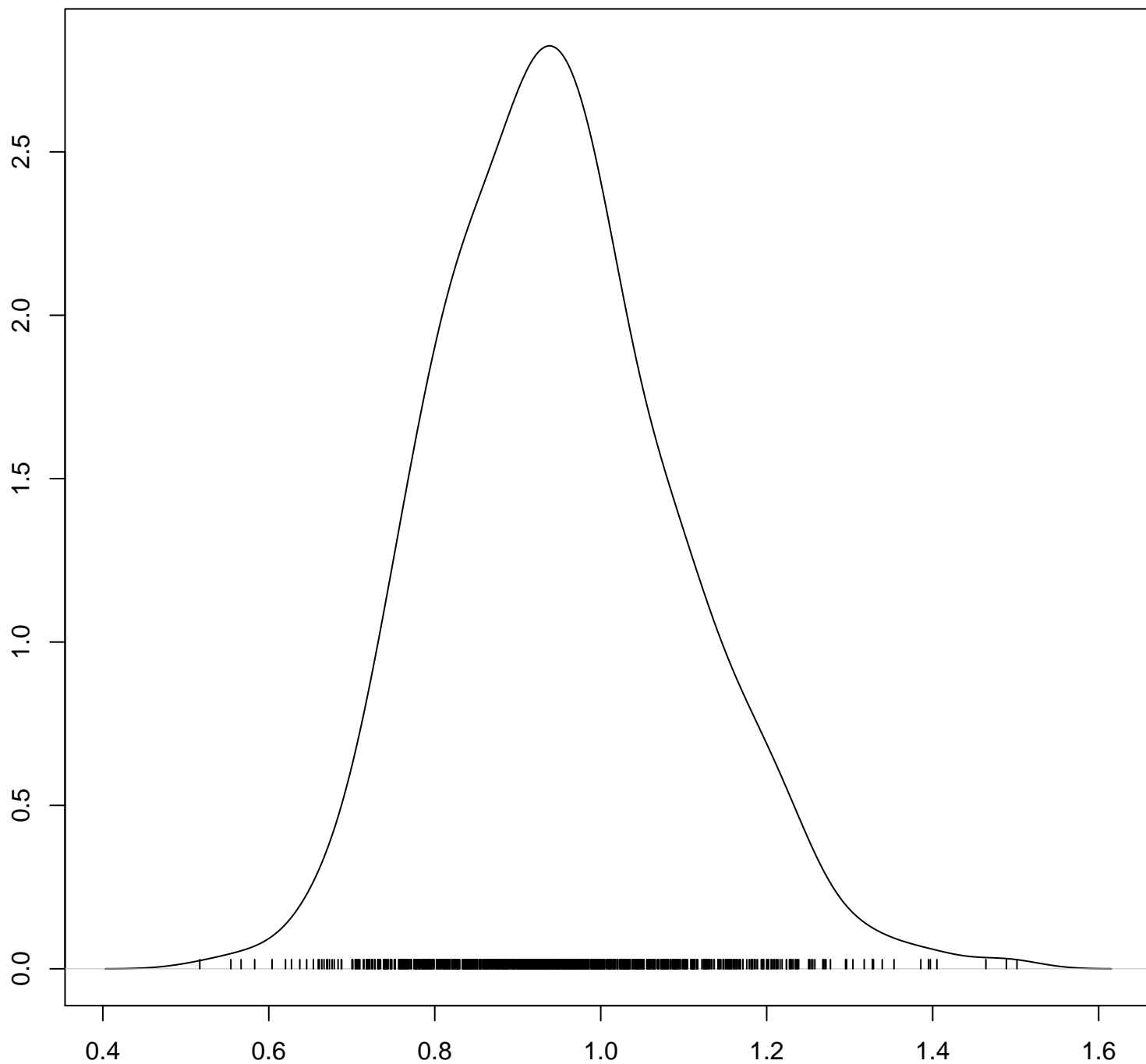
N = 1000 Bandwidth = 0.04551

Density of log.resid[17]



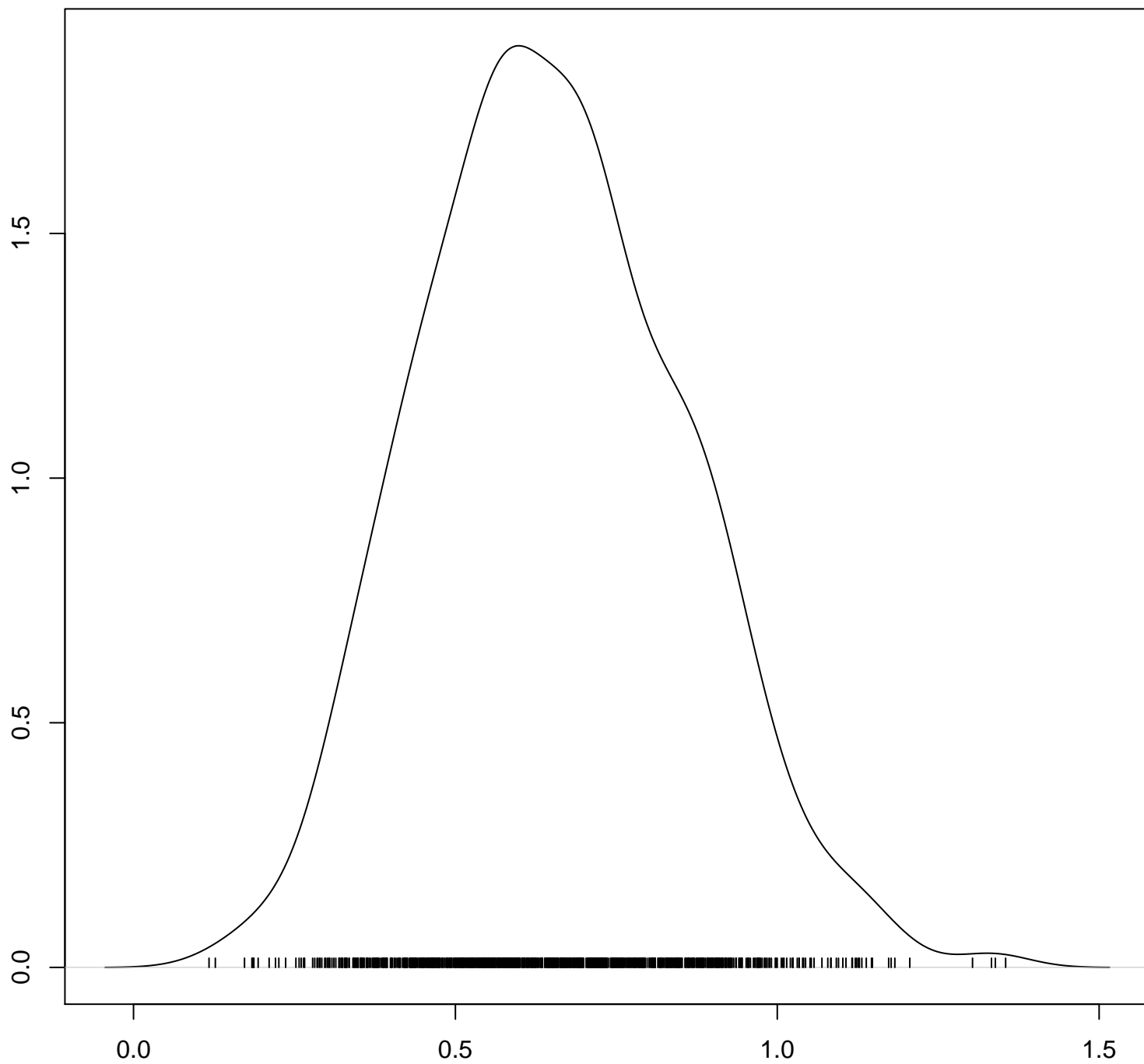
N = 1000 Bandwidth = 0.04097

Density of log.resid[18]



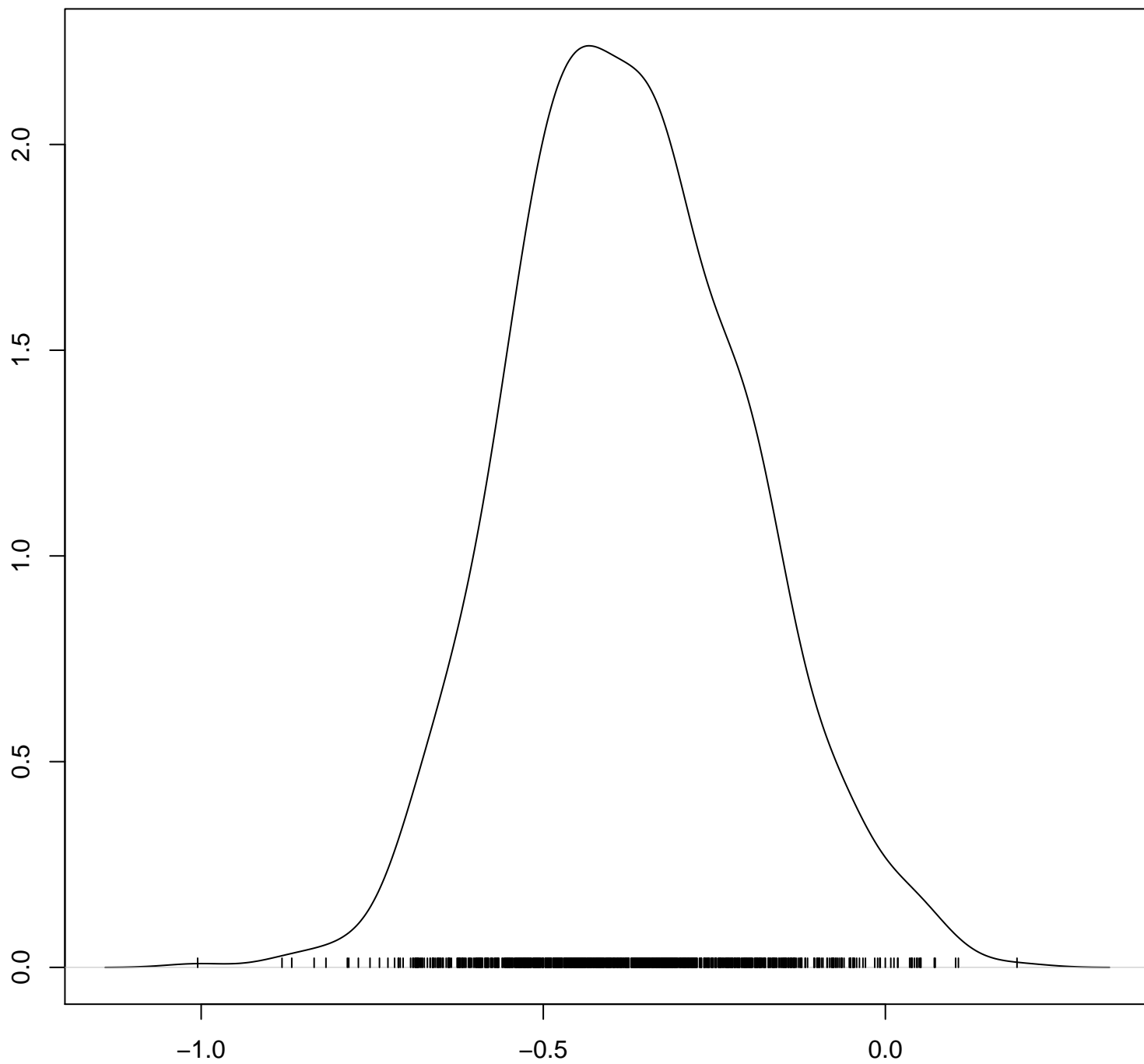
N = 1000 Bandwidth = 0.03796

Density of log.resid[19]



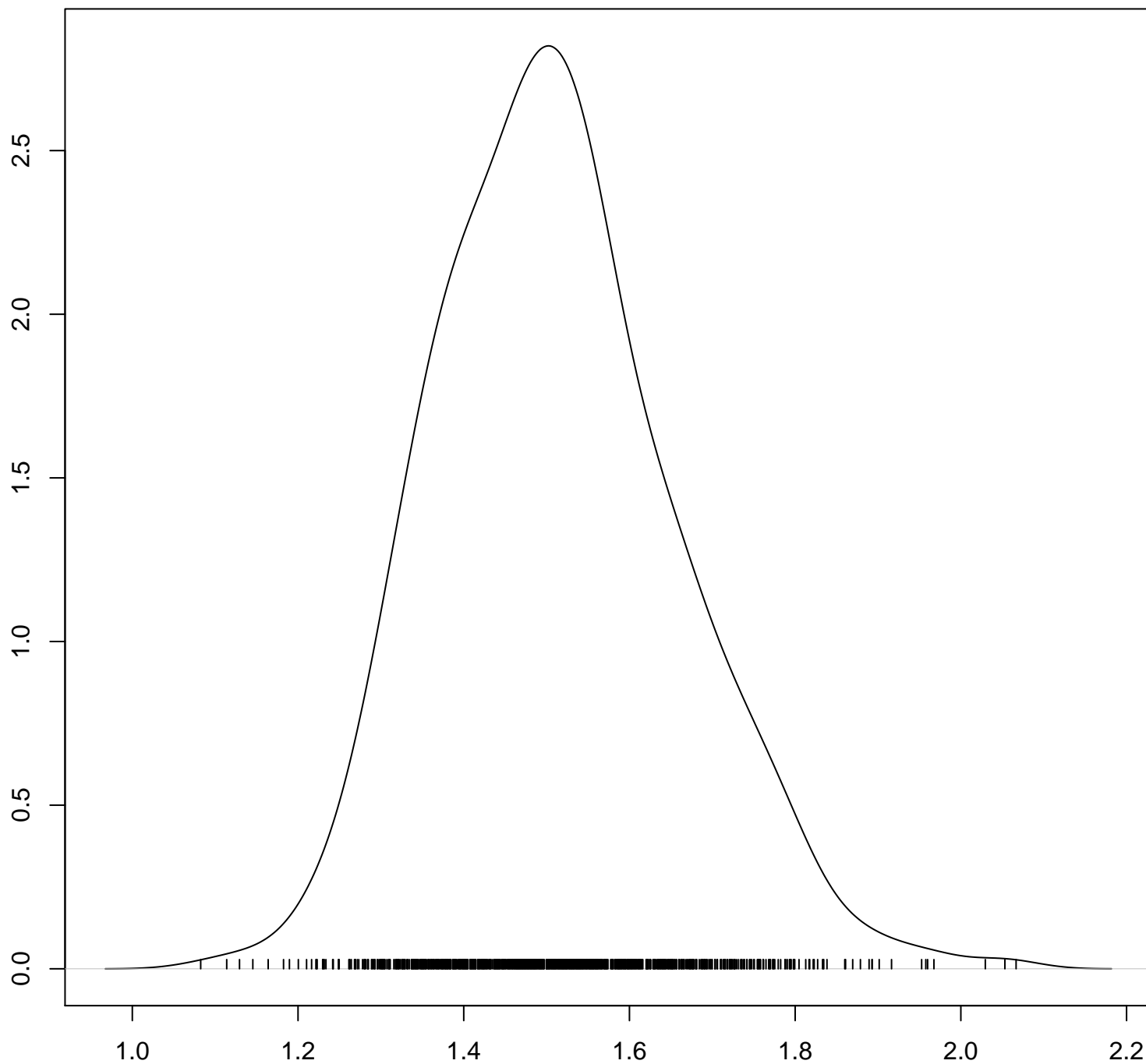
N = 1000 Bandwidth = 0.05381

Density of log.resid[20]



N = 1000 Bandwidth = 0.04508

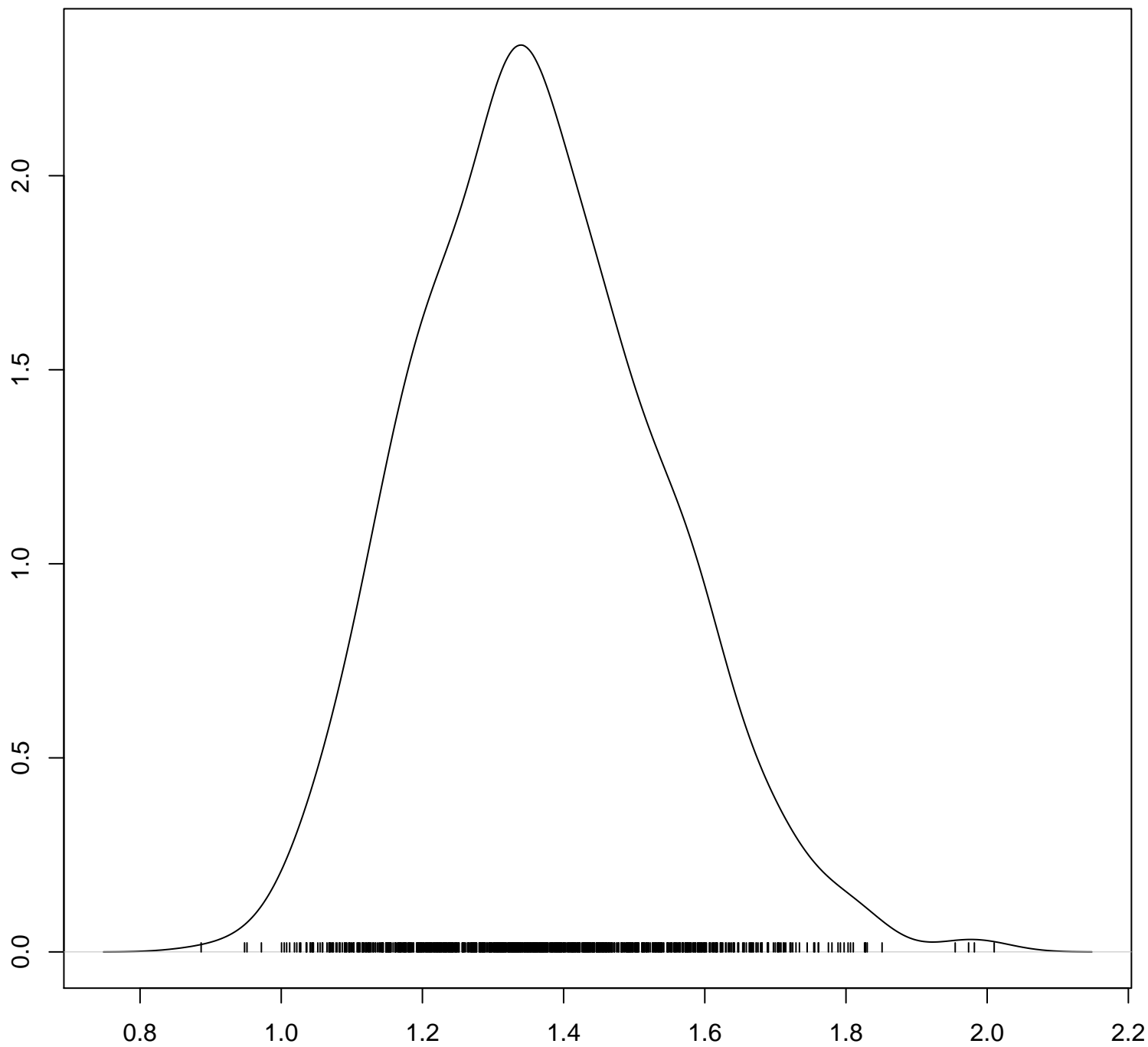
Density of log.resid[21]



N = 1000 Bandwidth = 0.03838

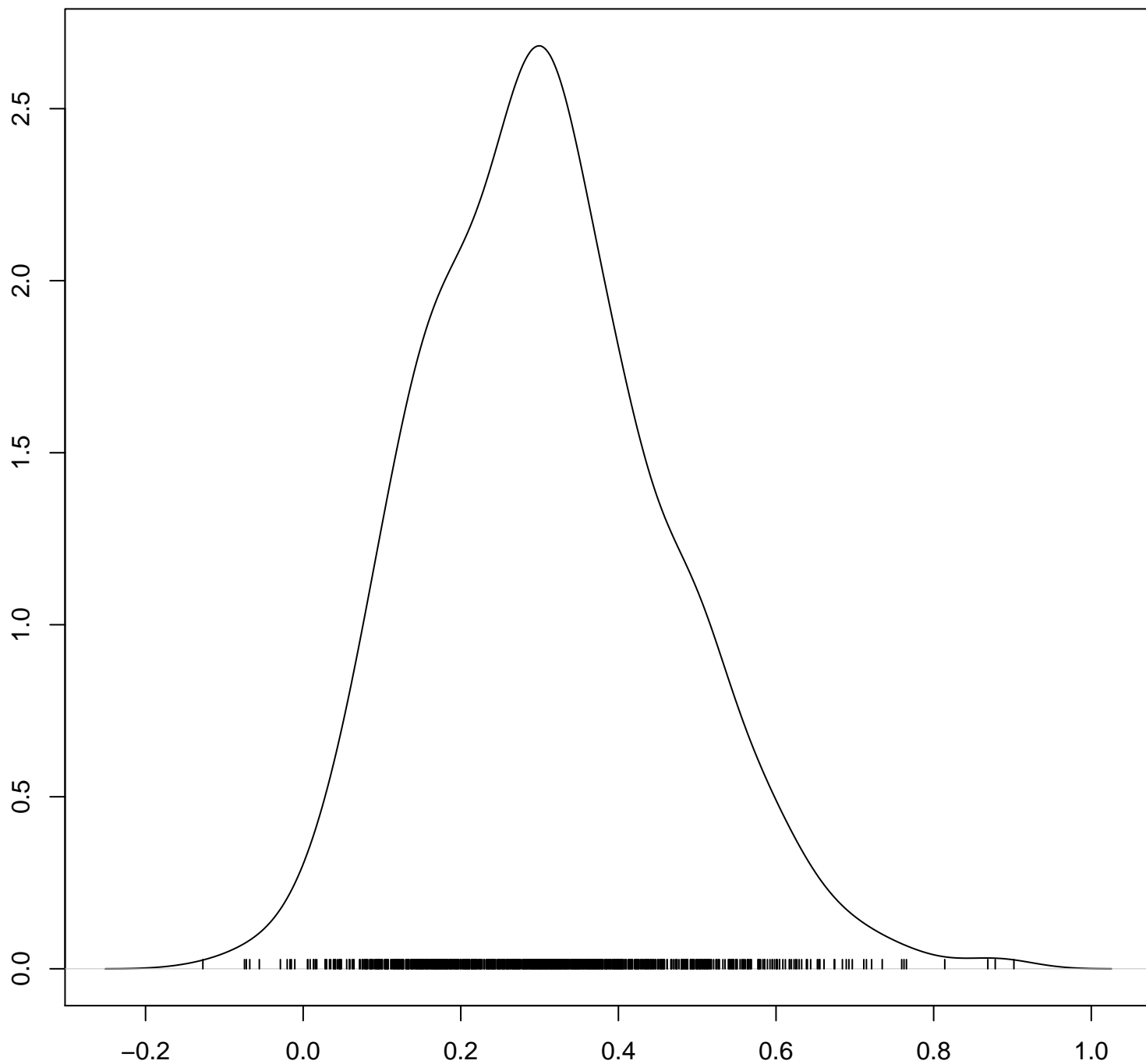


Density of log.resid[22]



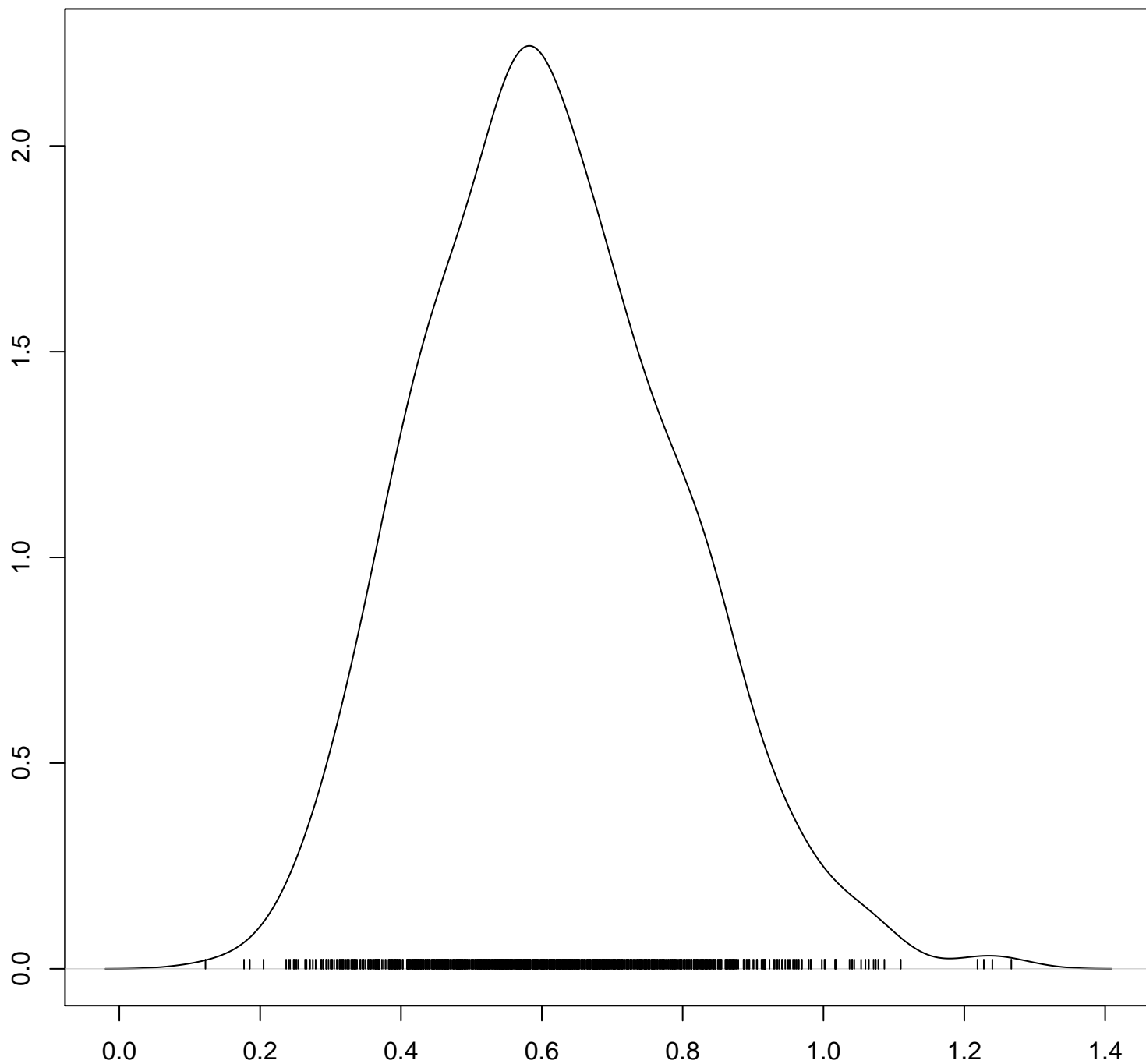
N = 1000 Bandwidth = 0.04613

Density of log.resid[23]



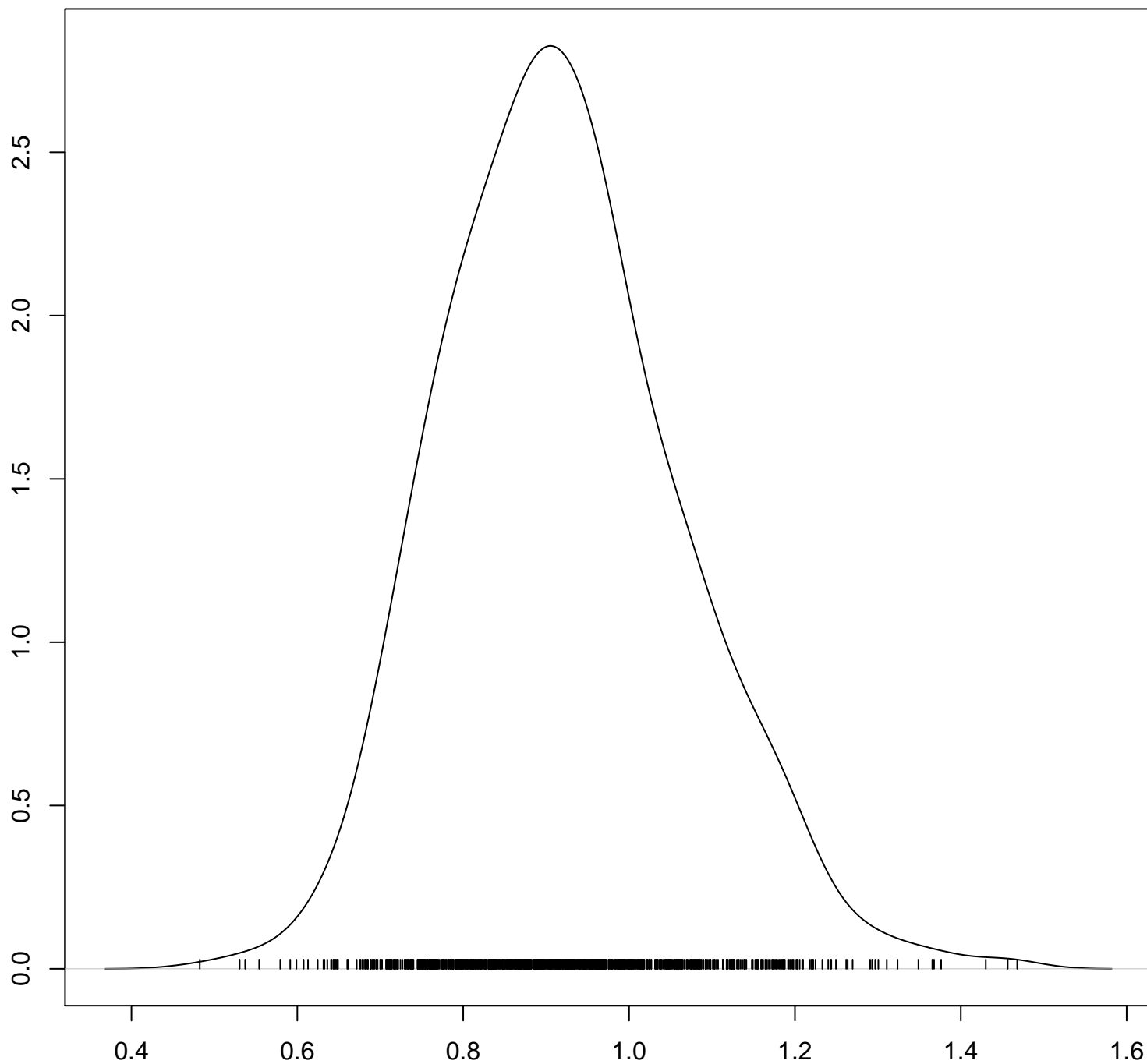
N = 1000 Bandwidth = 0.04127

Density of log.resid[24]



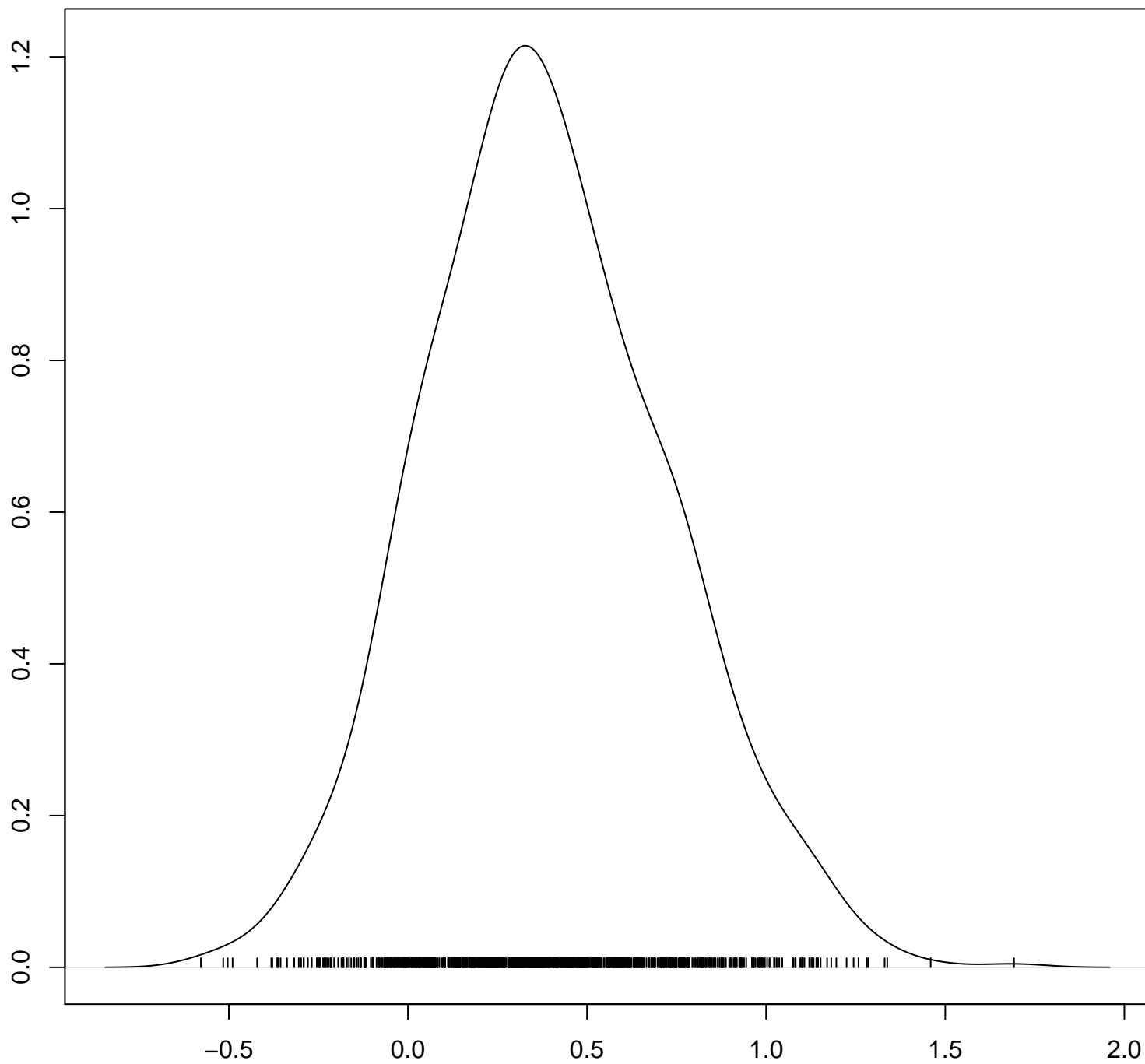
N = 1000 Bandwidth = 0.04742

Density of log.resid[25]



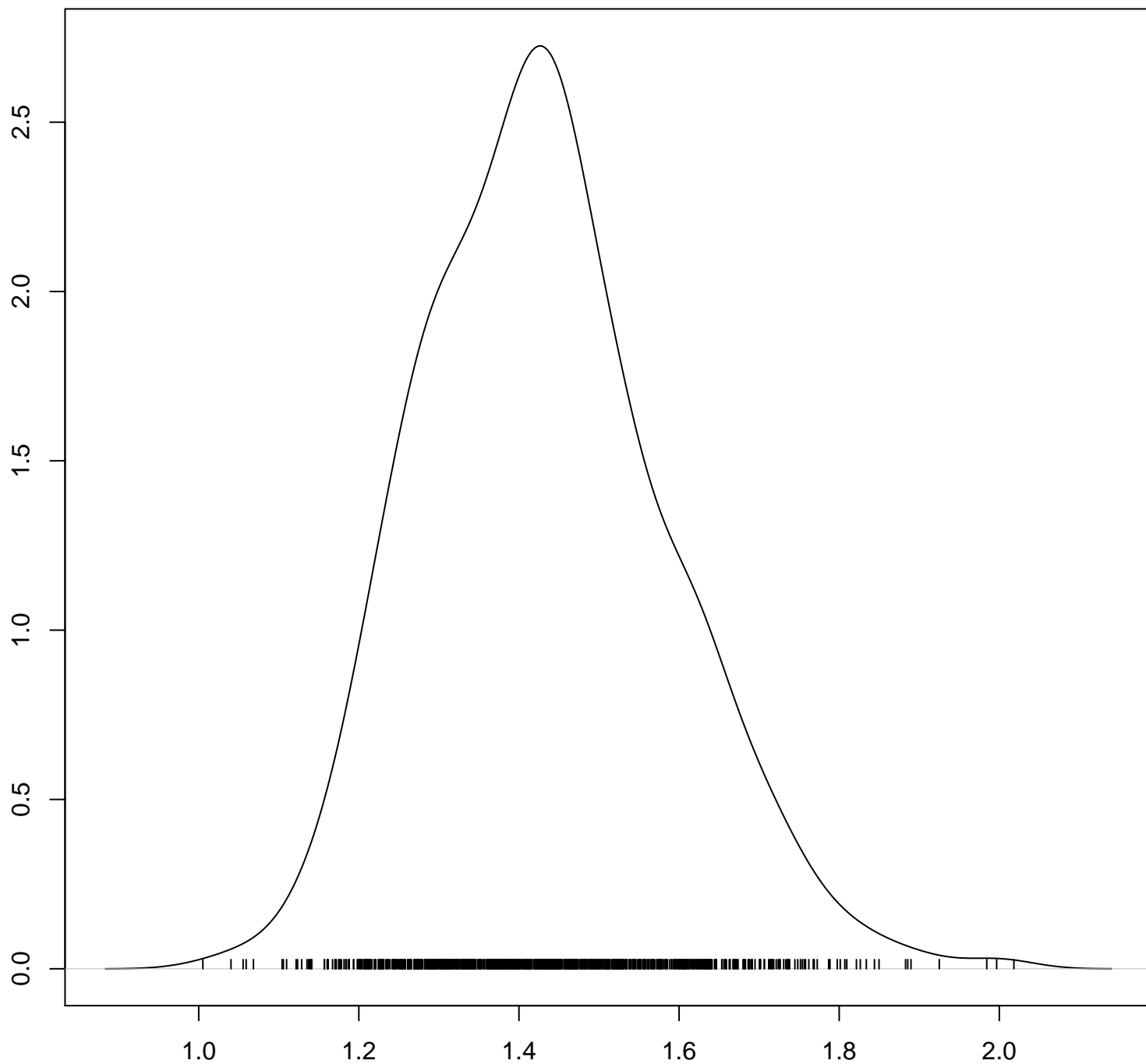
N = 1000 Bandwidth = 0.03796

Density of log.resid[26]



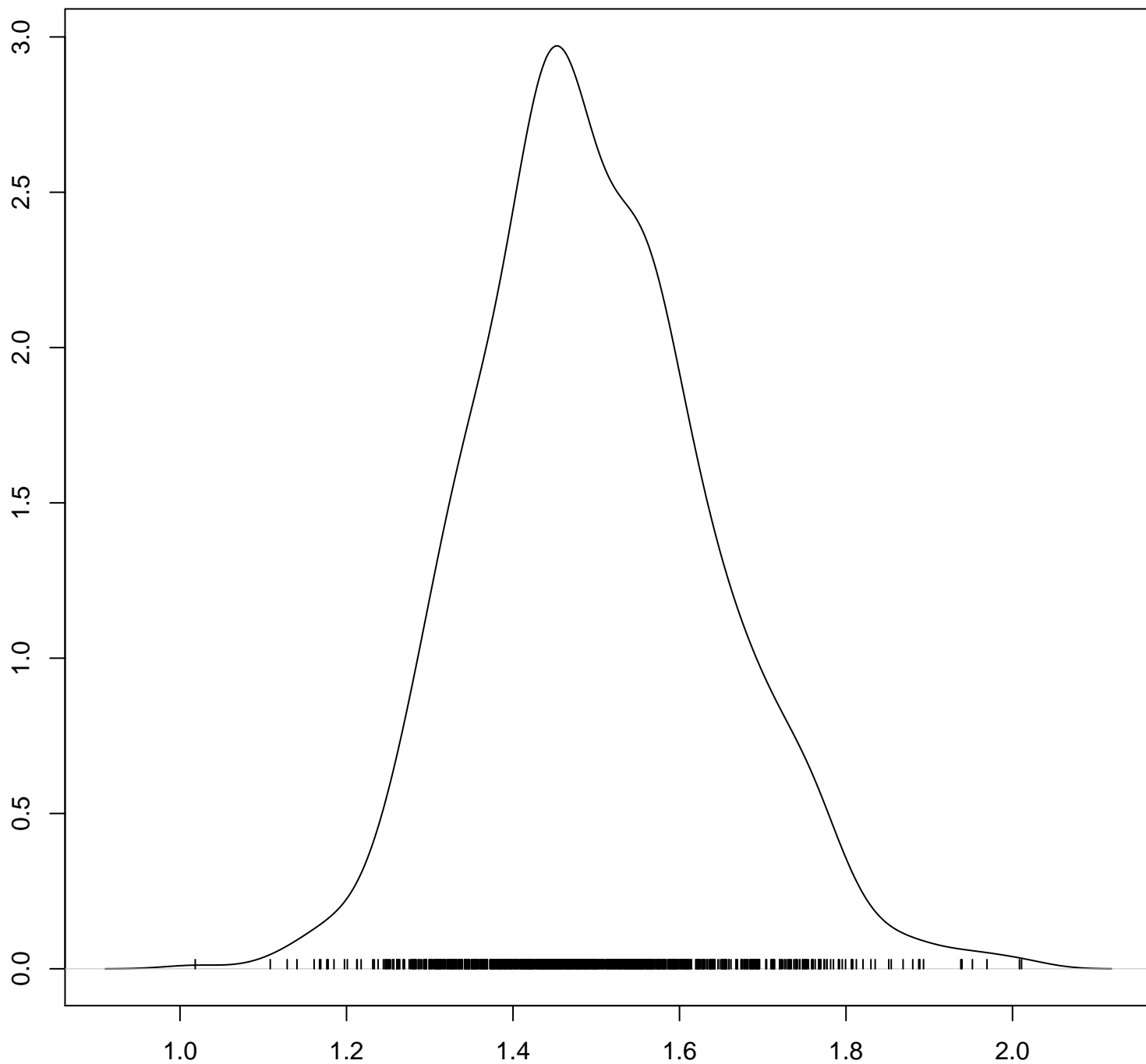
N = 1000 Bandwidth = 0.08912

Density of log.resid[27]



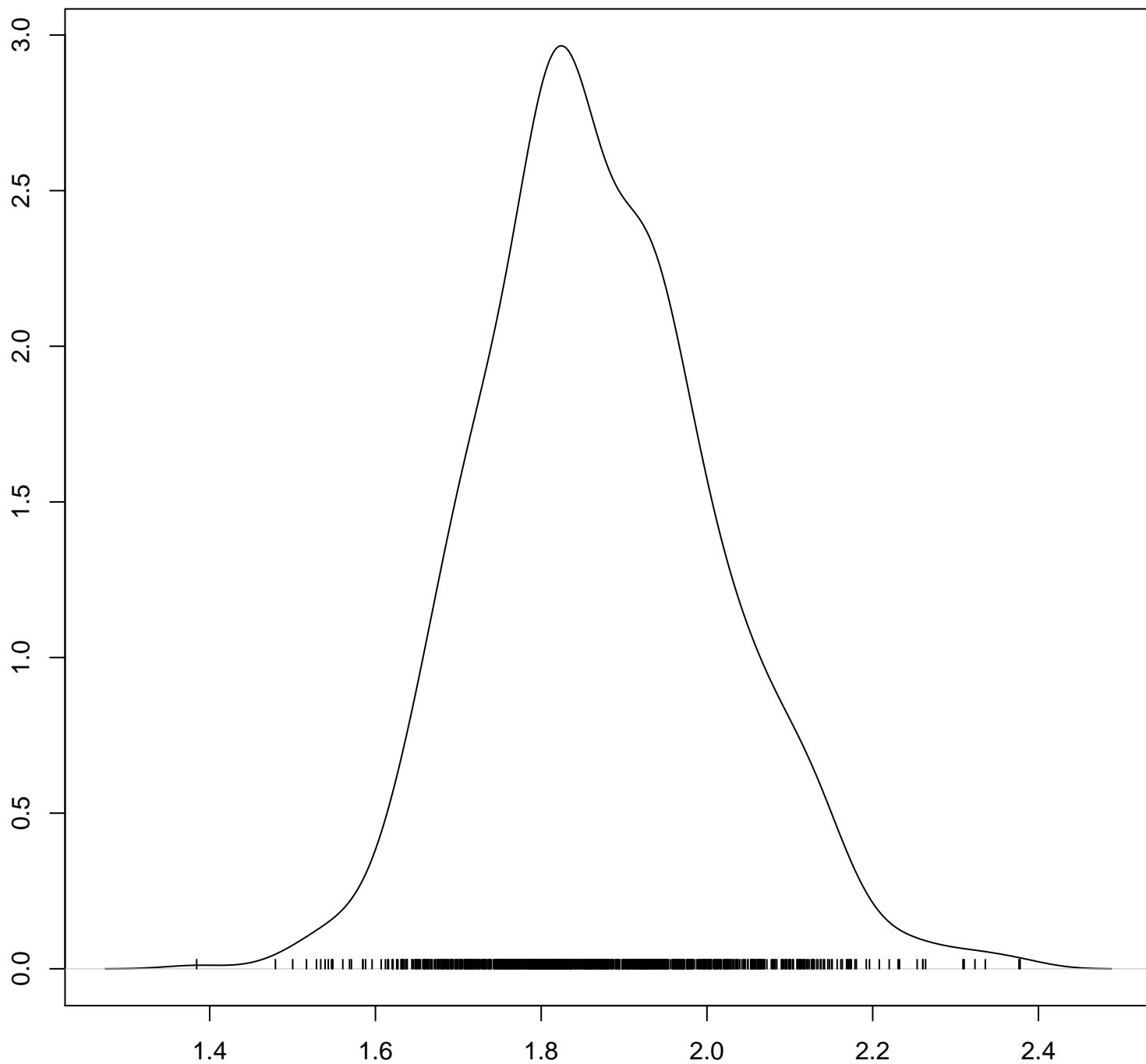
N = 1000 Bandwidth = 0.04062

Density of log.resid[28]



N = 1000 Bandwidth = 0.03601

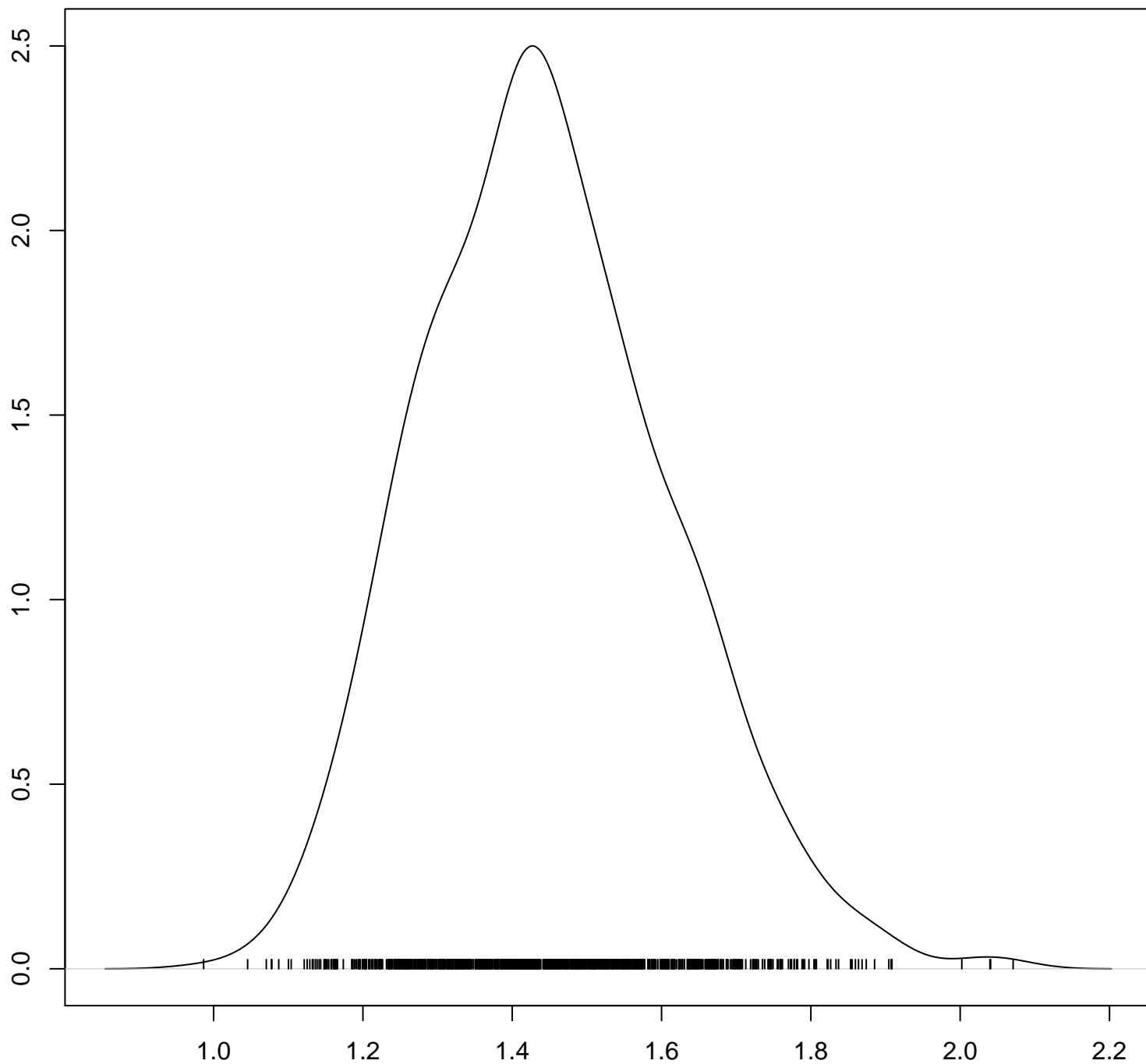
Density of log.resid[29]



N = 1000 Bandwidth = 0.03675

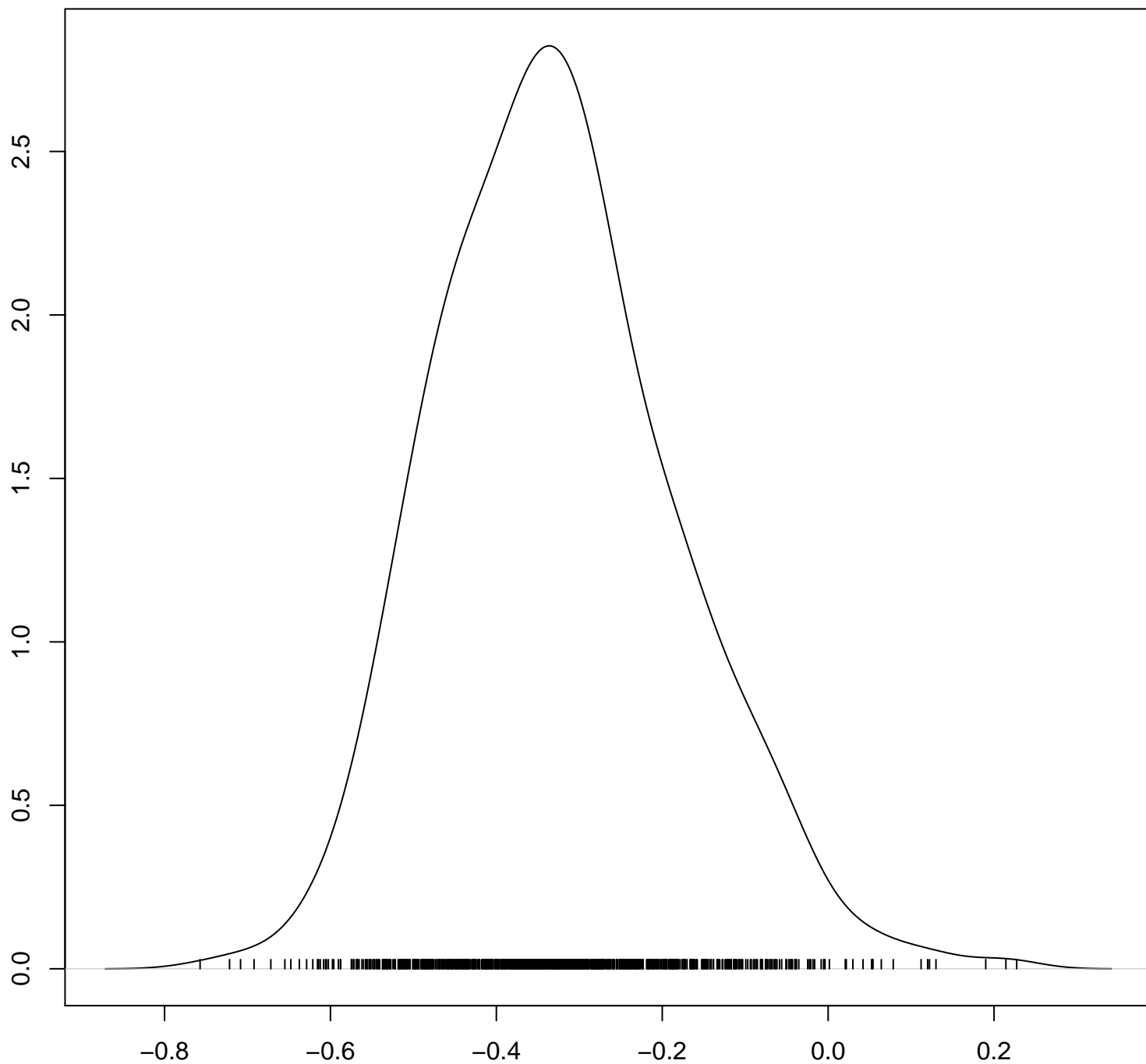


Density of log.resid[30]



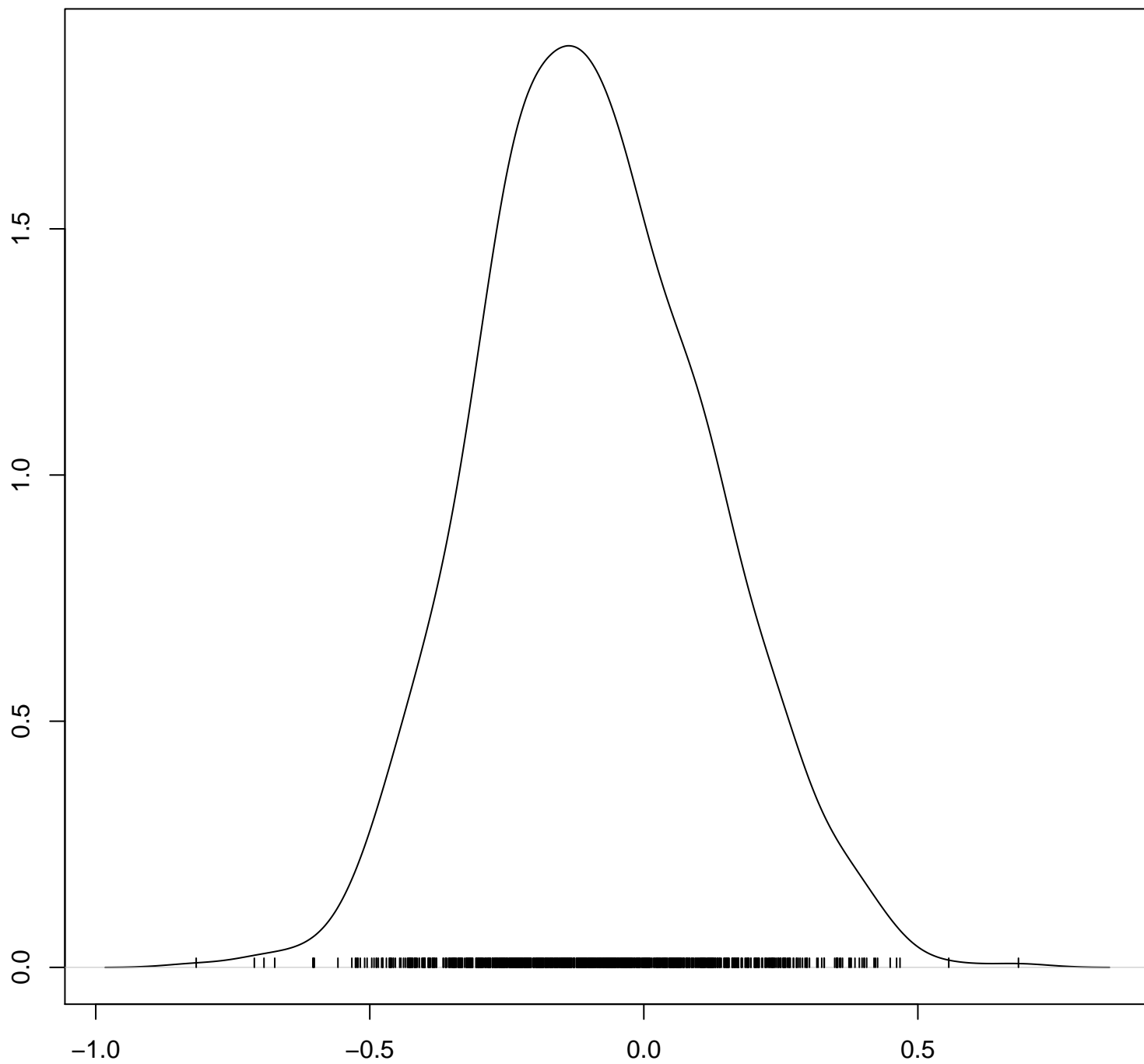
N = 1000 Bandwidth = 0.04391

Density of log.resid[31]



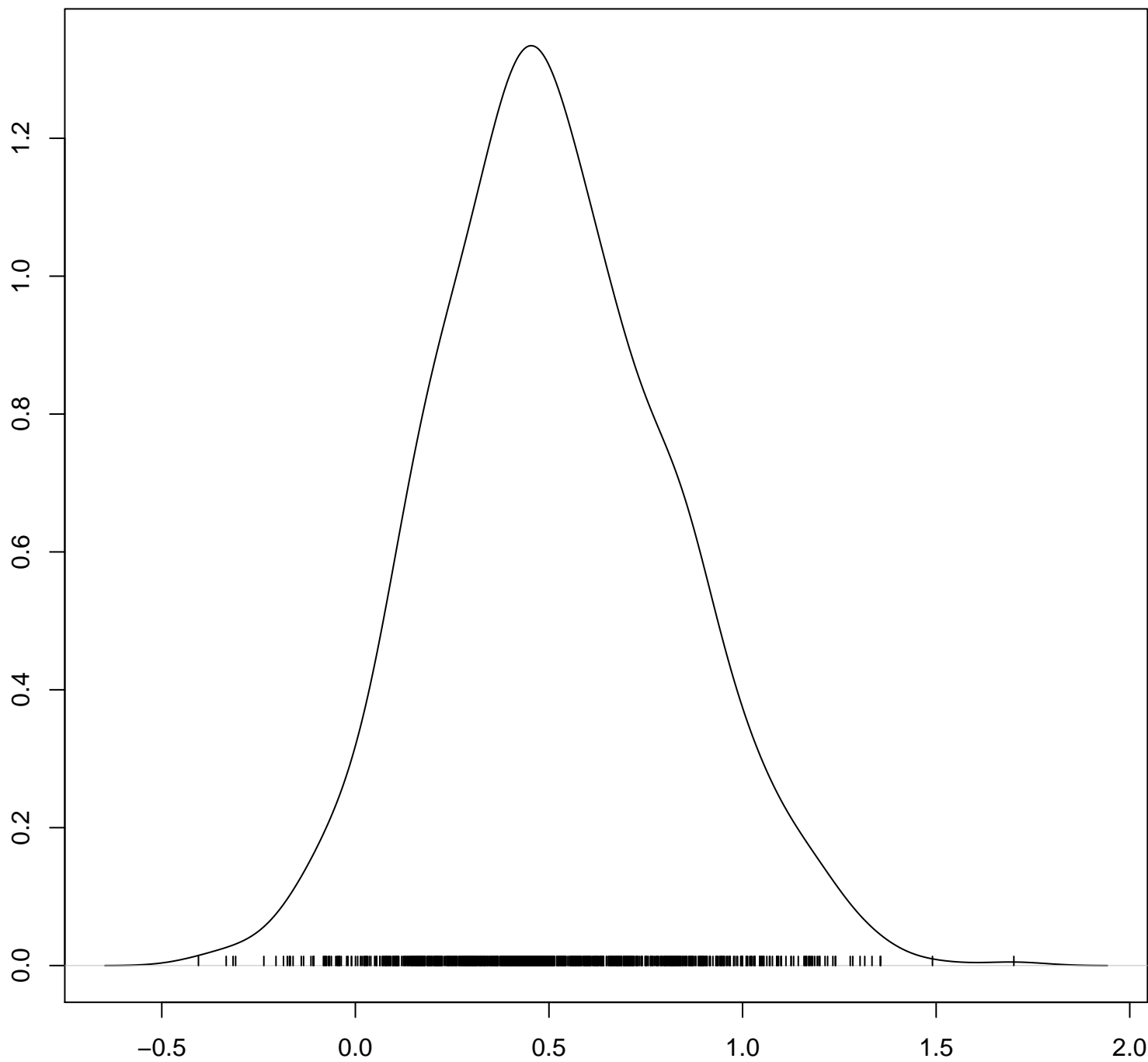
N = 1000 Bandwidth = 0.03809

Density of log.resid[32]



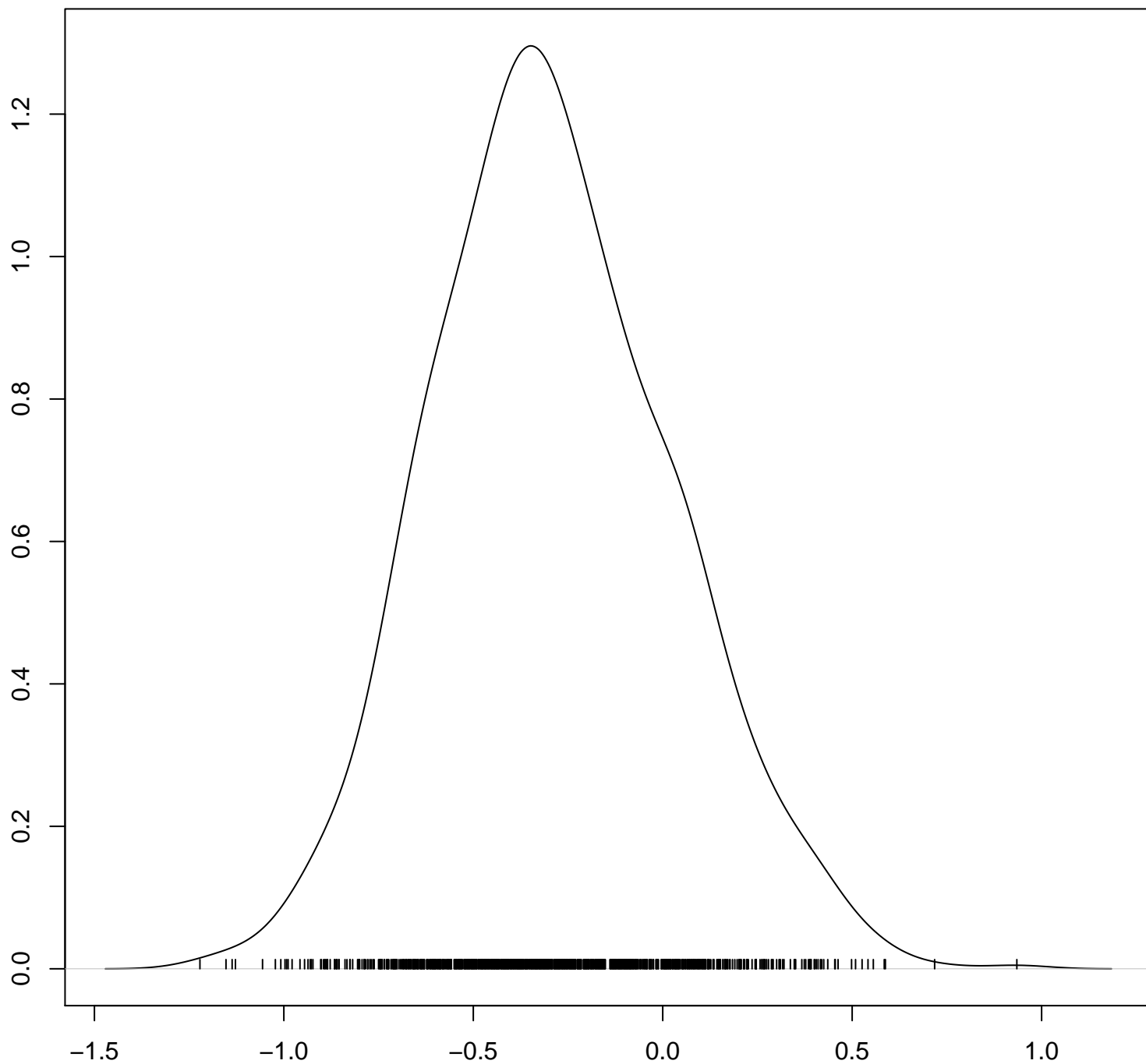
N = 1000 Bandwidth = 0.05539

Density of log.resid[33]



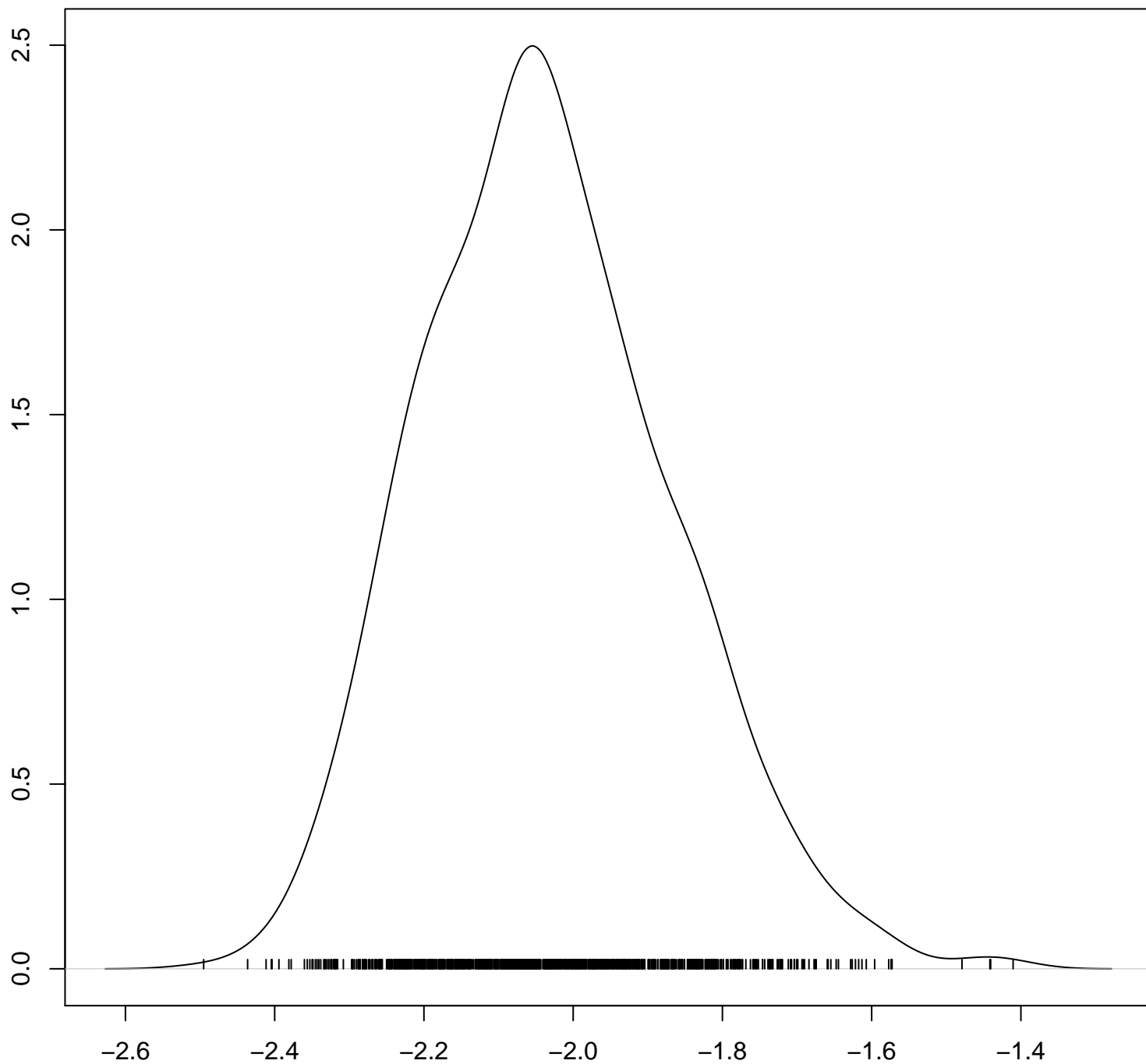
N = 1000 Bandwidth = 0.08053

Density of log.resid[34]



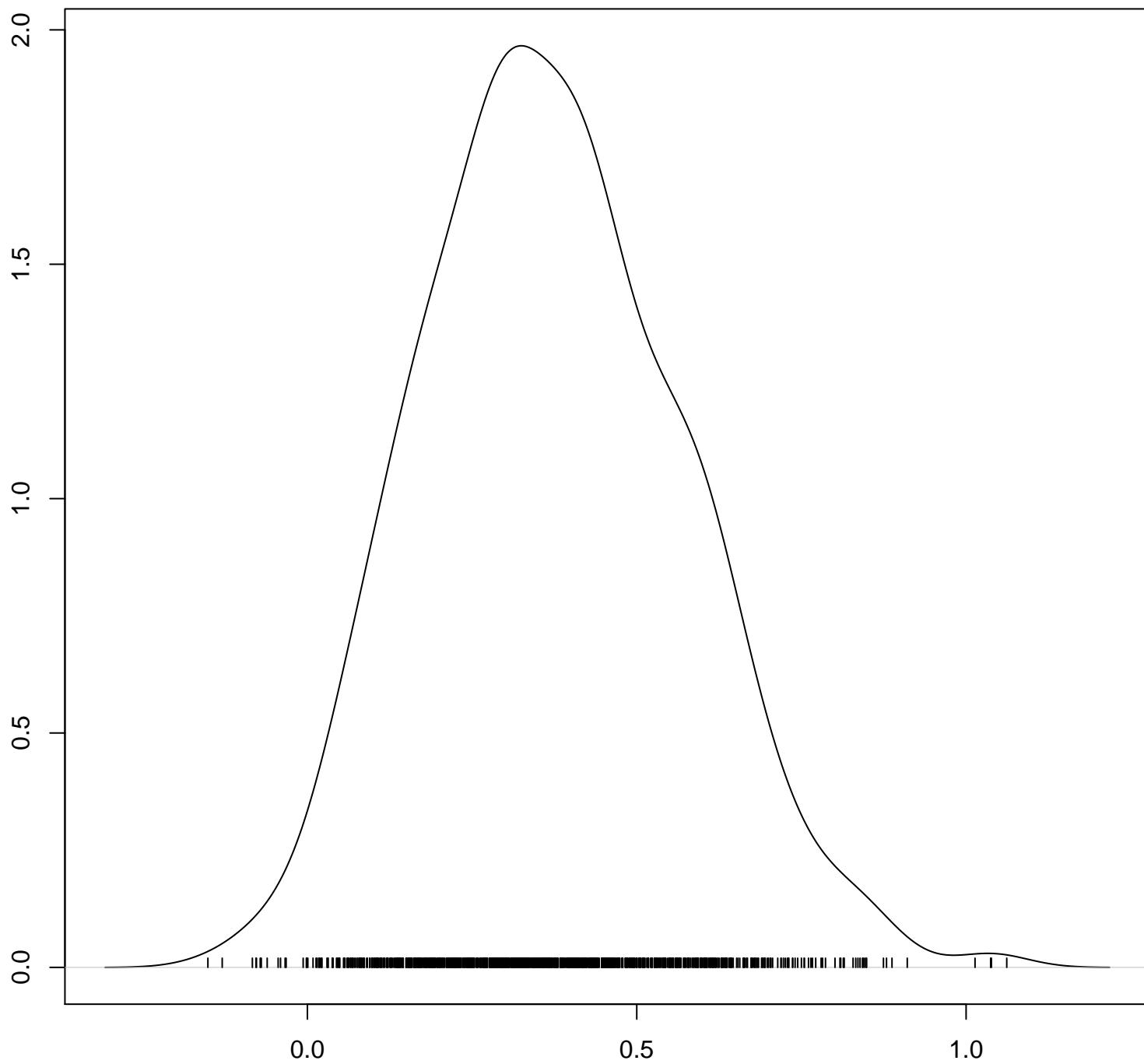
N = 1000 Bandwidth = 0.08326

Density of log.resid[35]



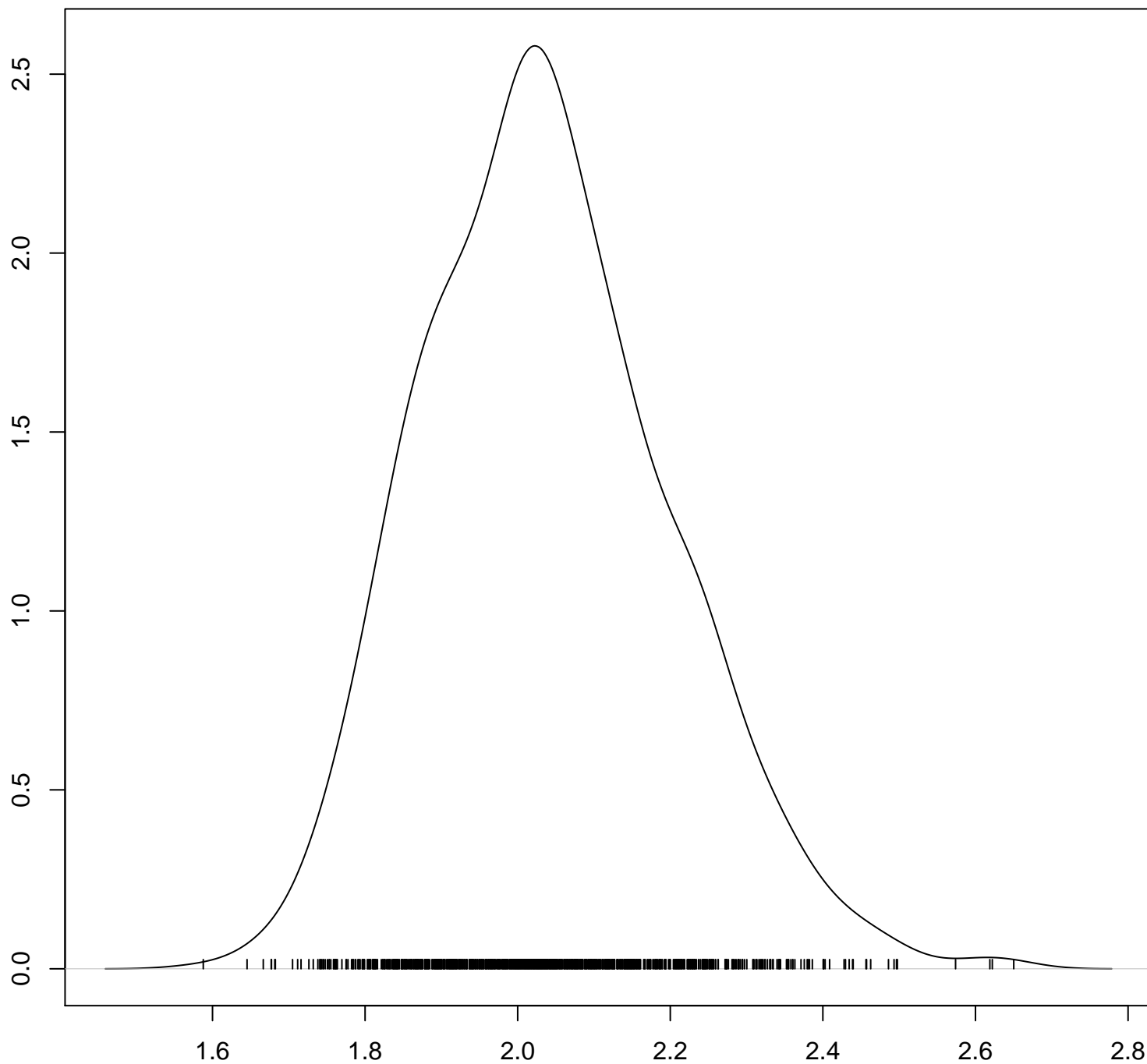
N = 1000 Bandwidth = 0.04394

Density of log.resid[36]



N = 1000 Bandwidth = 0.05202

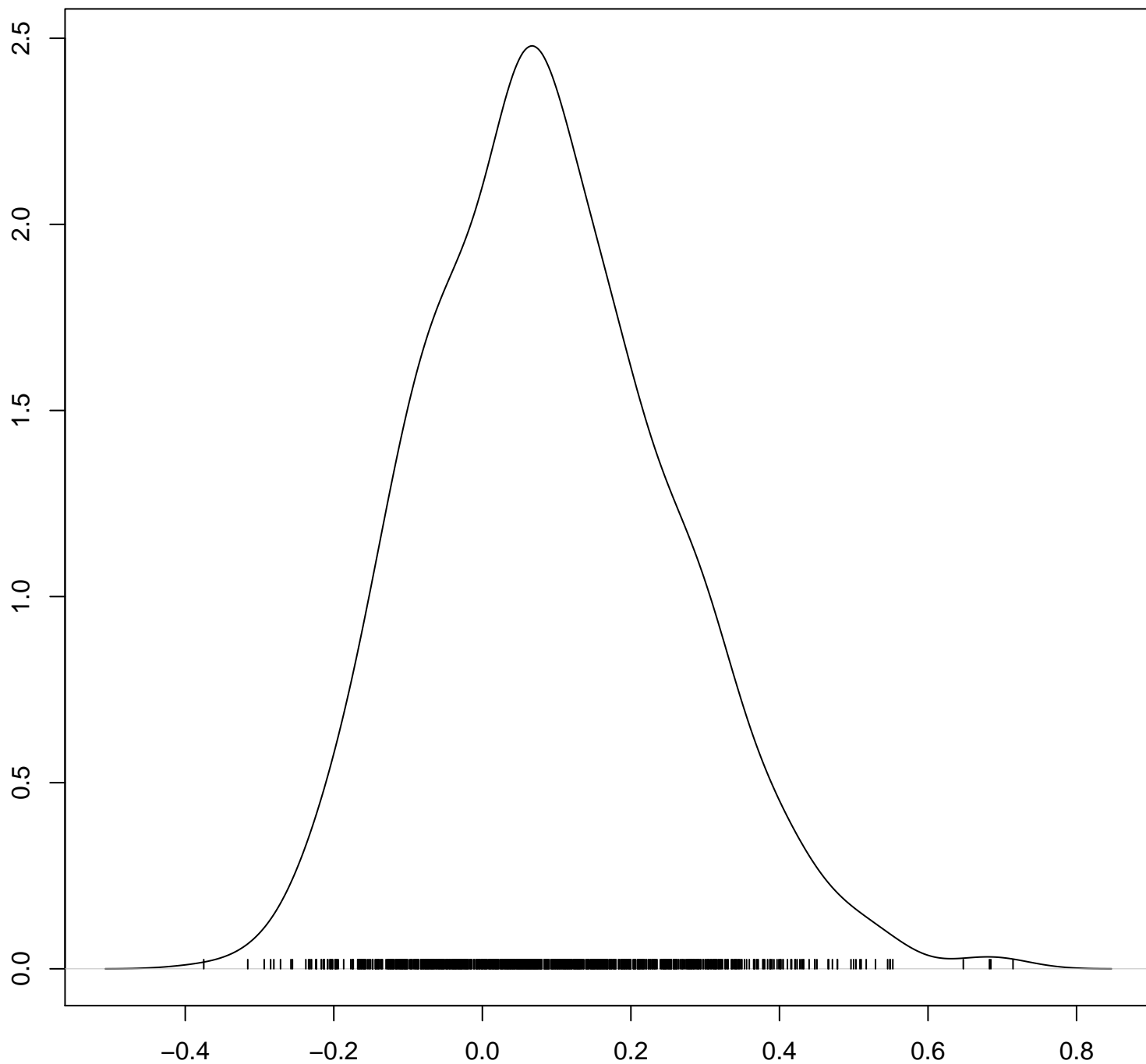
Density of log.resid[37]



N = 1000 Bandwidth = 0.04279

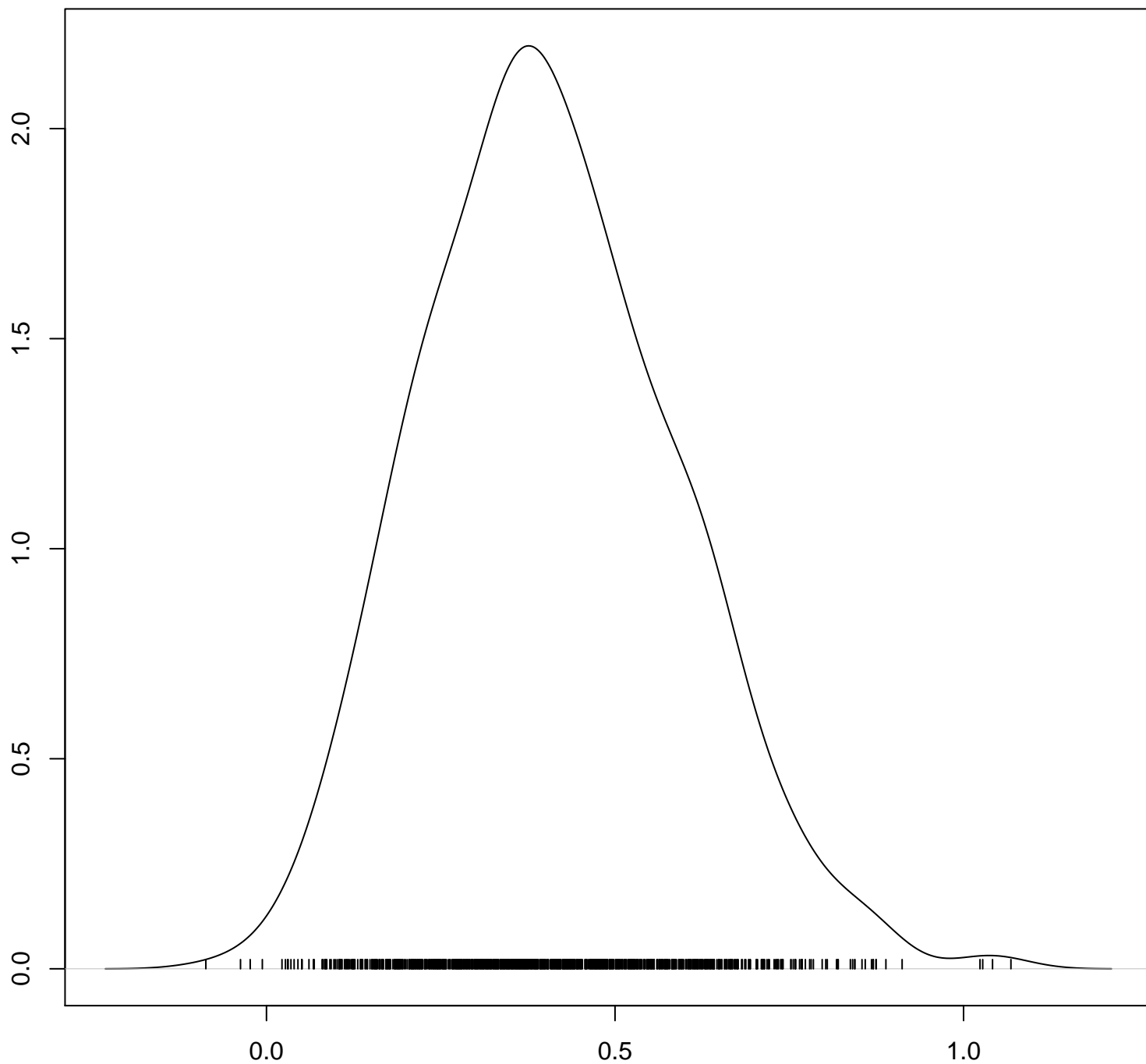


Density of log.resid[38]



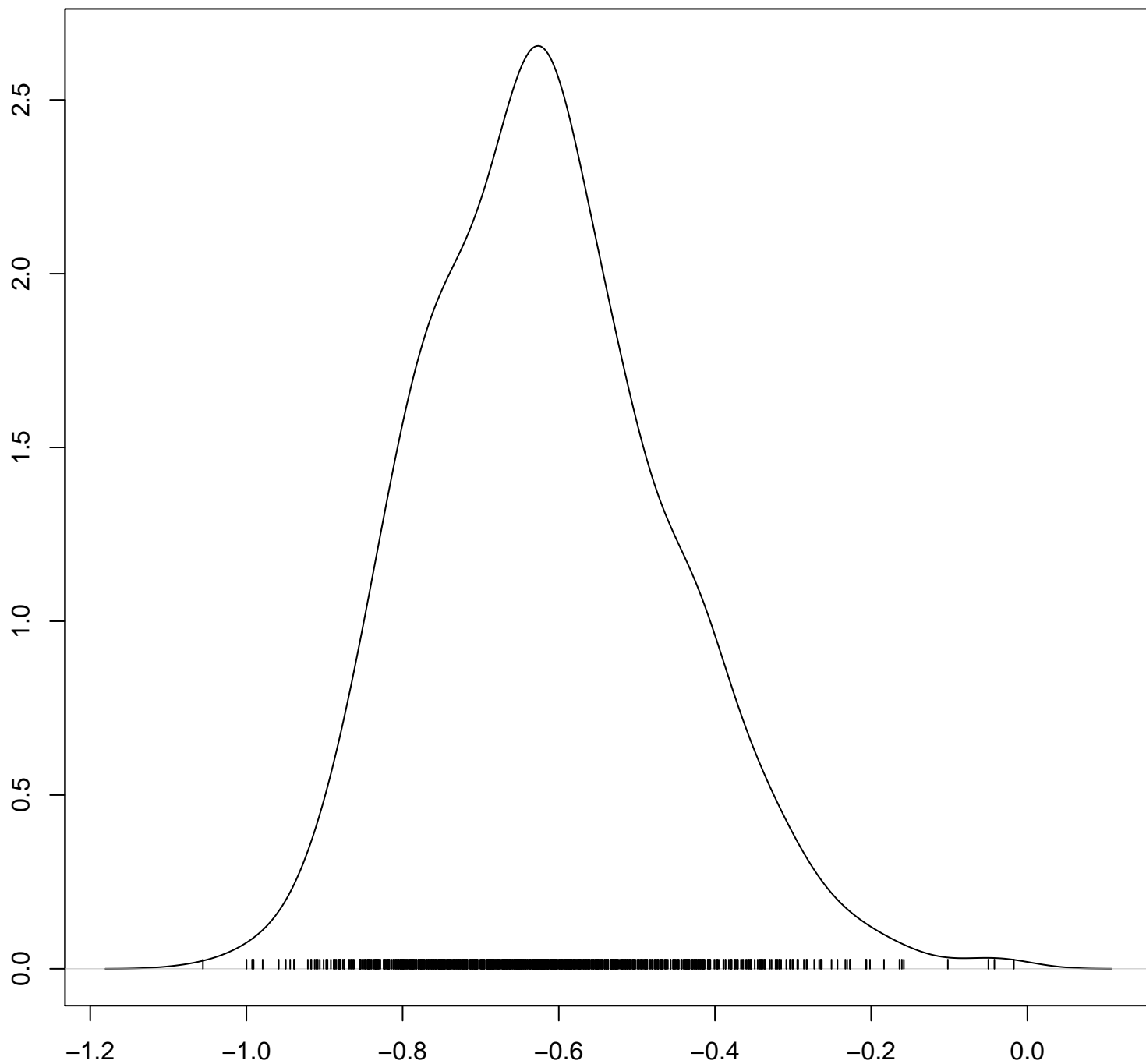
N = 1000 Bandwidth = 0.0442

Density of log.resid[39]



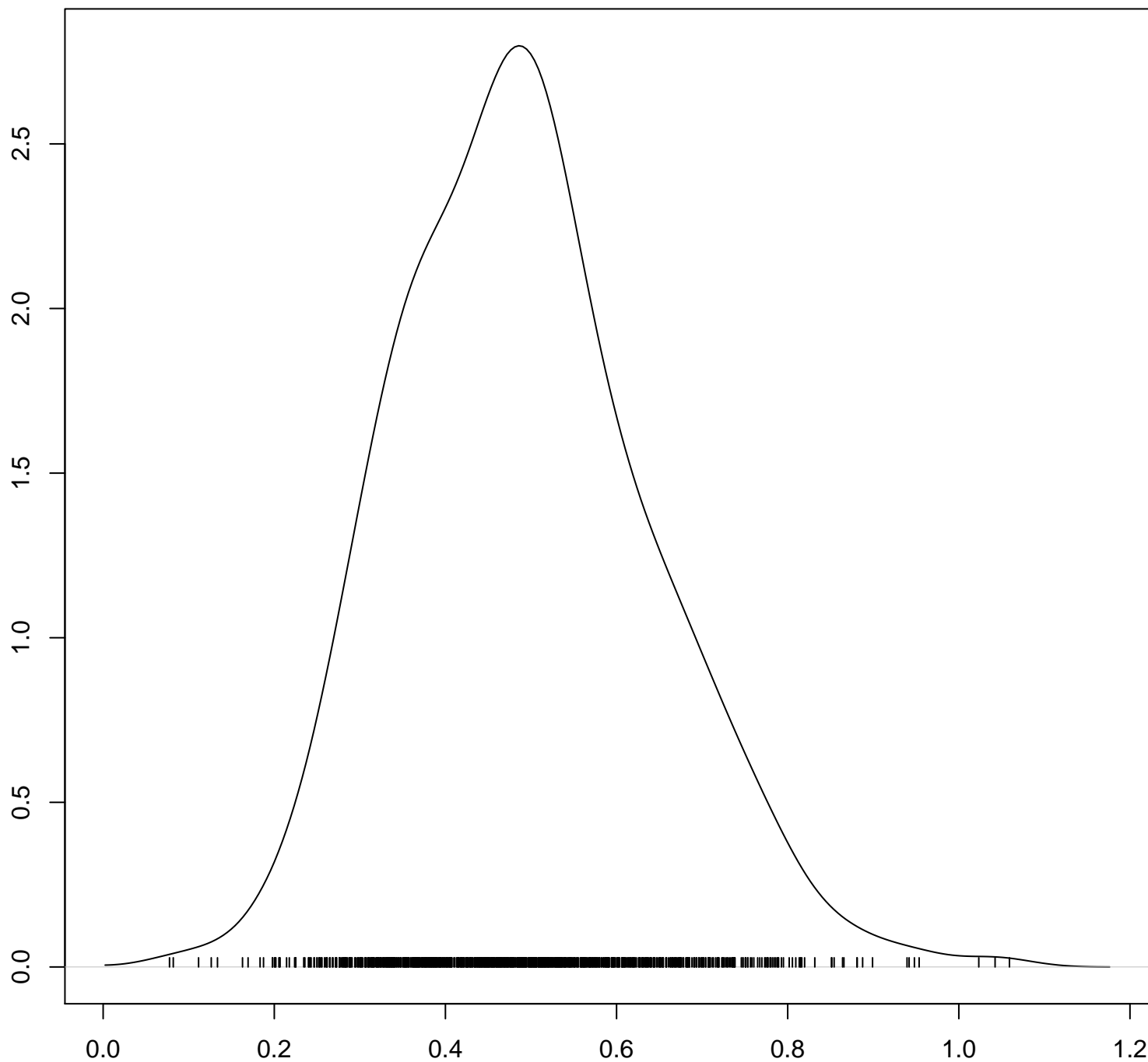
N = 1000 Bandwidth = 0.04809

Density of log.resid[40]



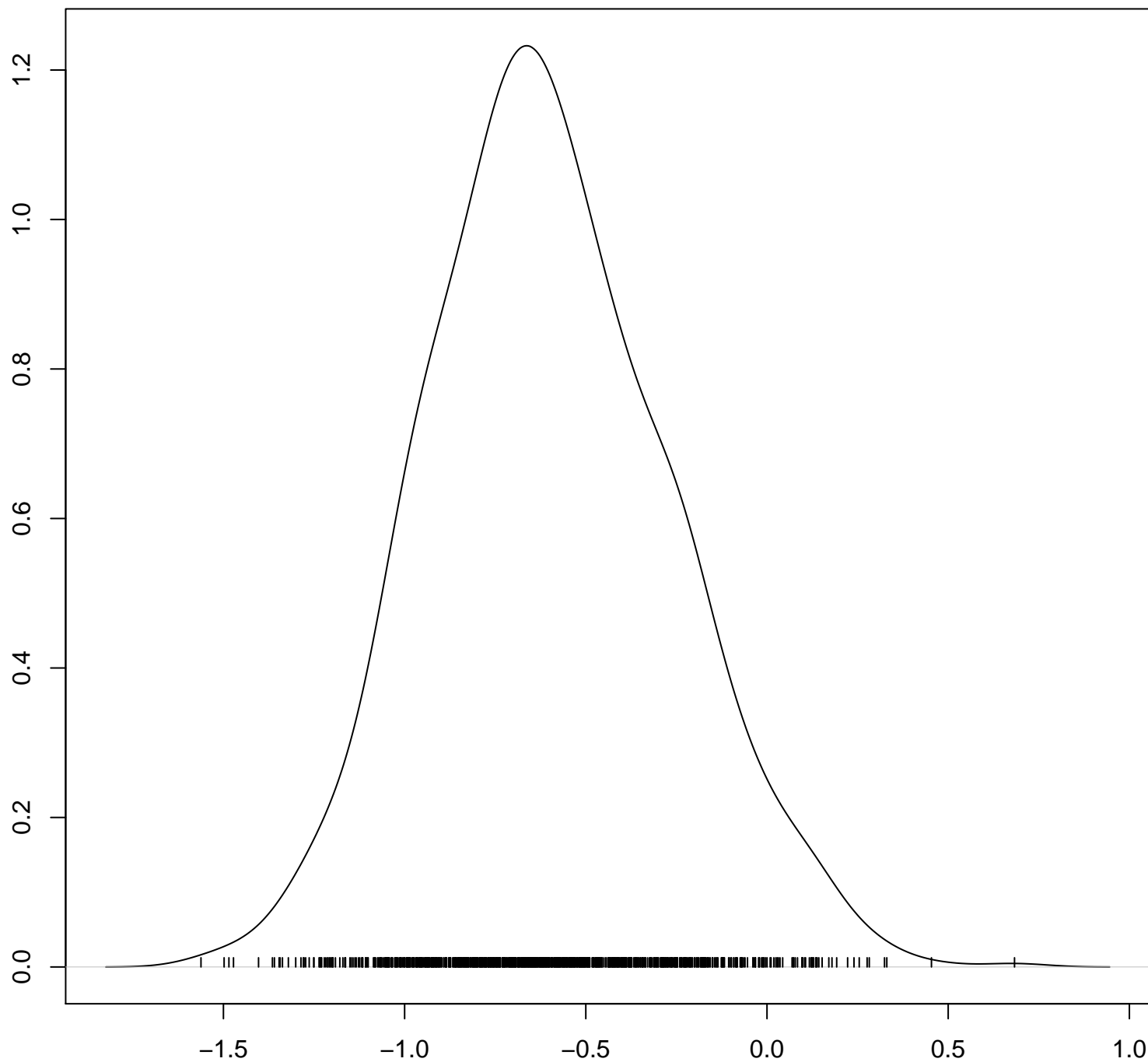
N = 1000 Bandwidth = 0.04168

Density of log.resid[41]



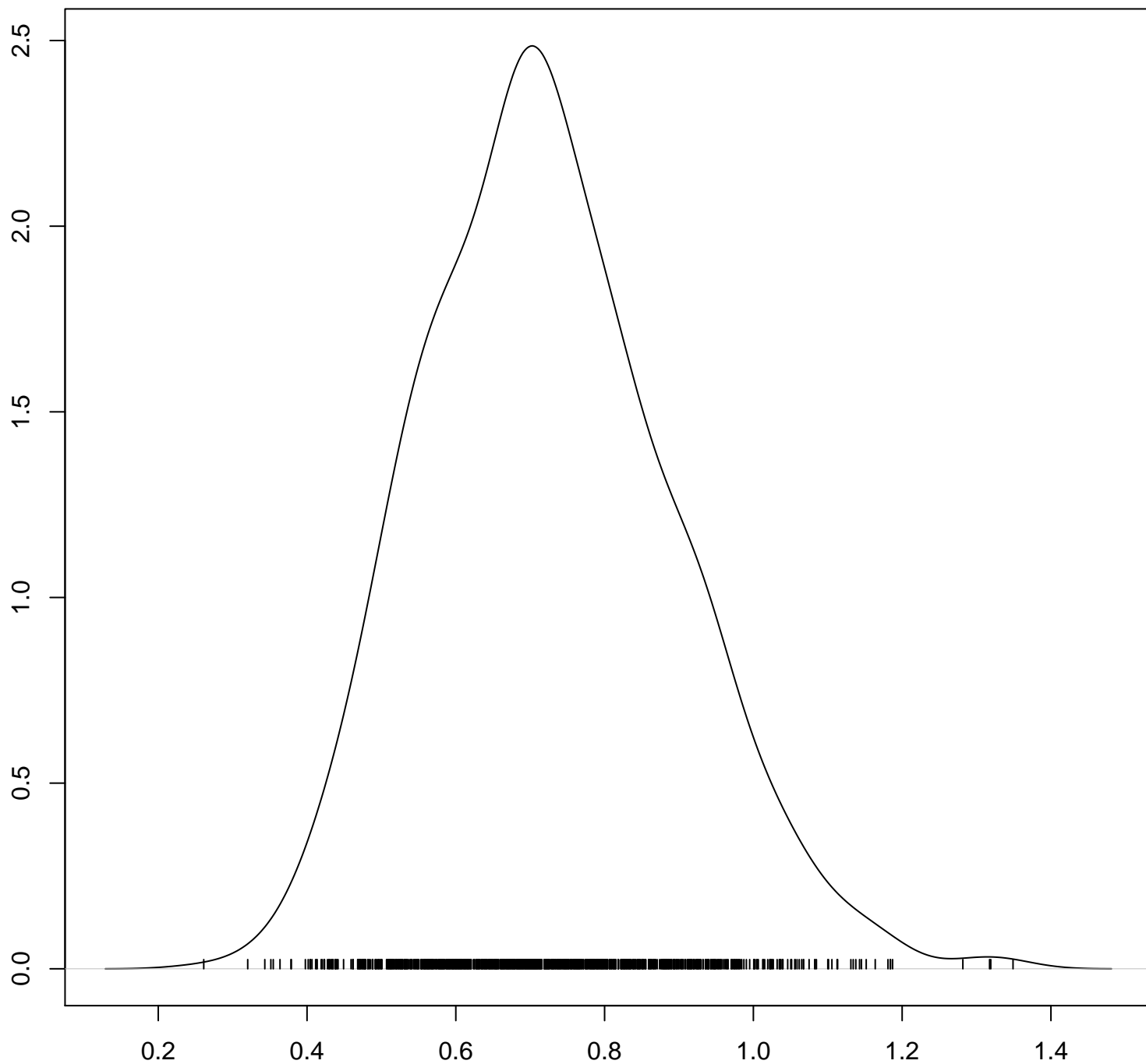
N = 1000 Bandwidth = 0.03903

Density of log.resid[42]



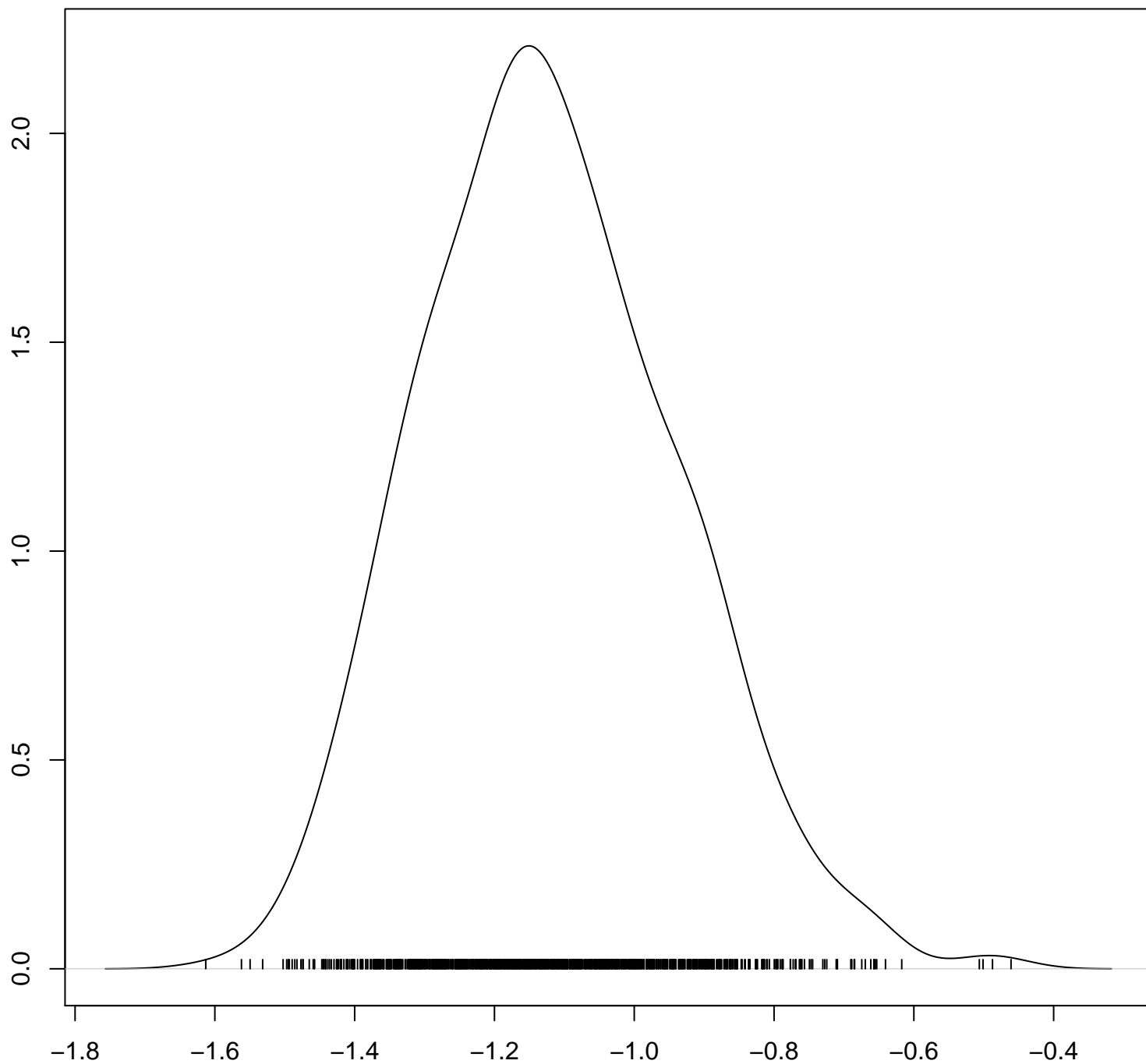
N = 1000 Bandwidth = 0.08753

Density of log.resid[43]



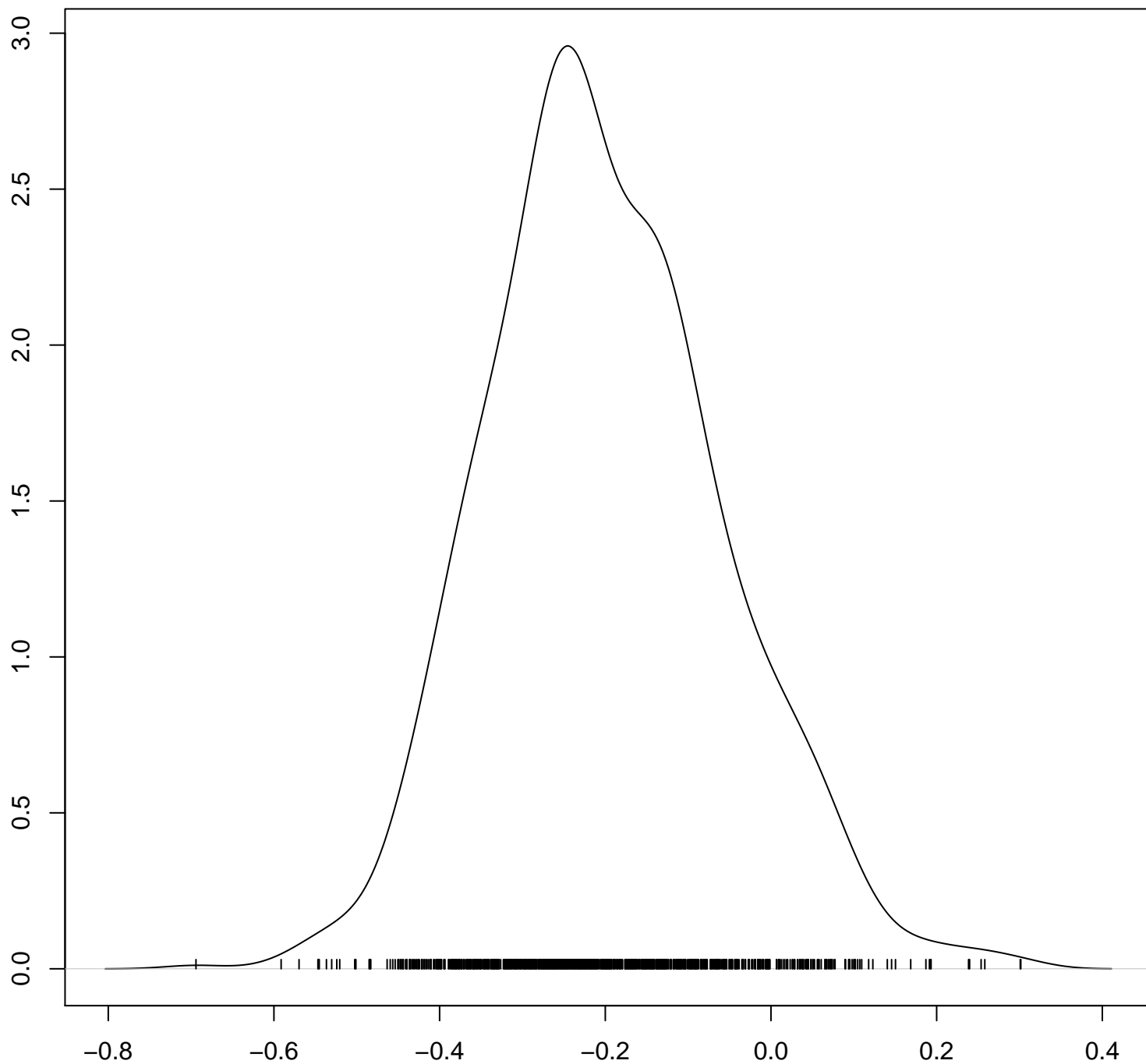
N = 1000 Bandwidth = 0.04412

Density of log.resid[44]



N = 1000 Bandwidth = 0.0479

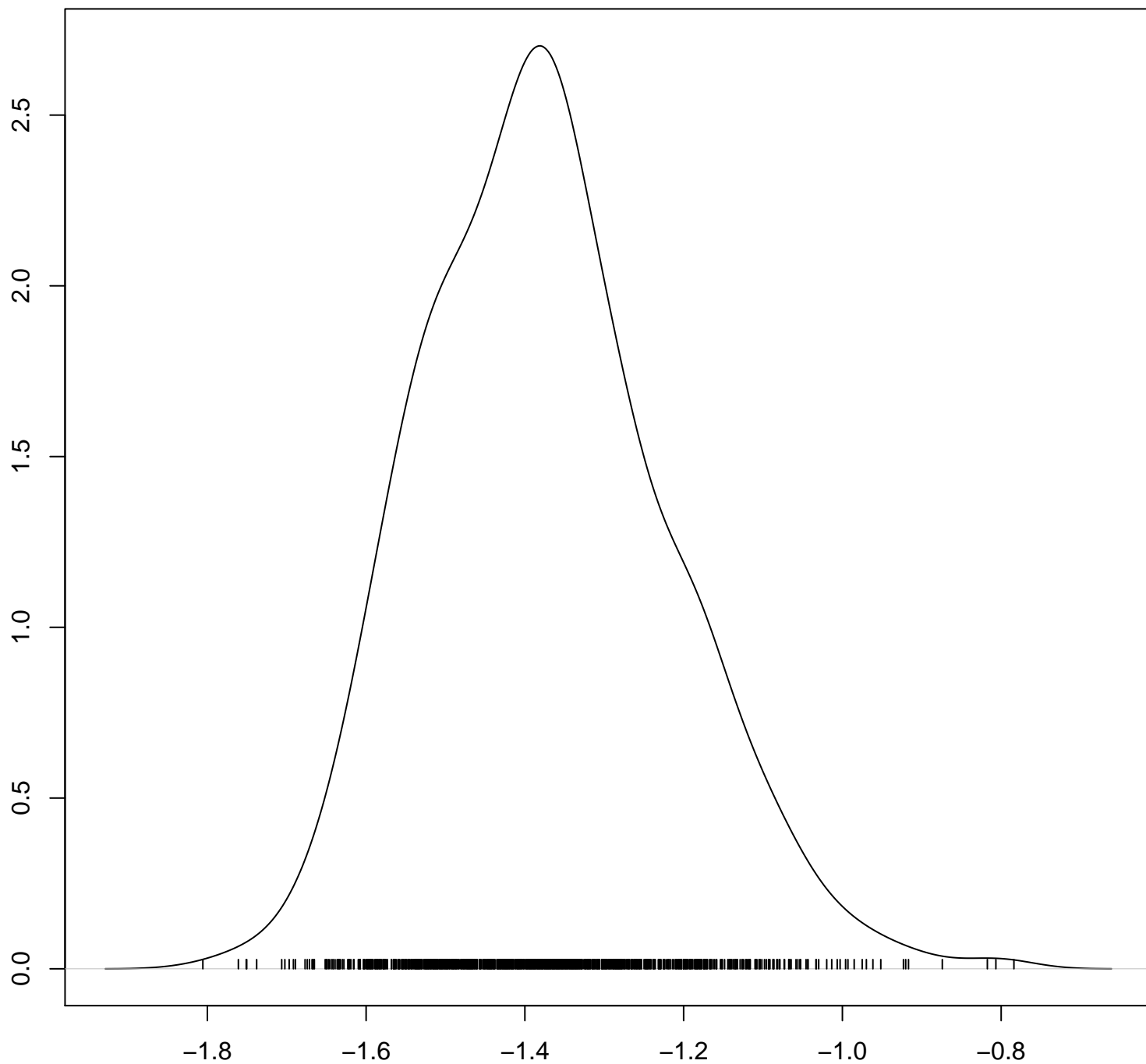
Density of log.resid[45]



N = 1000 Bandwidth = 0.03649

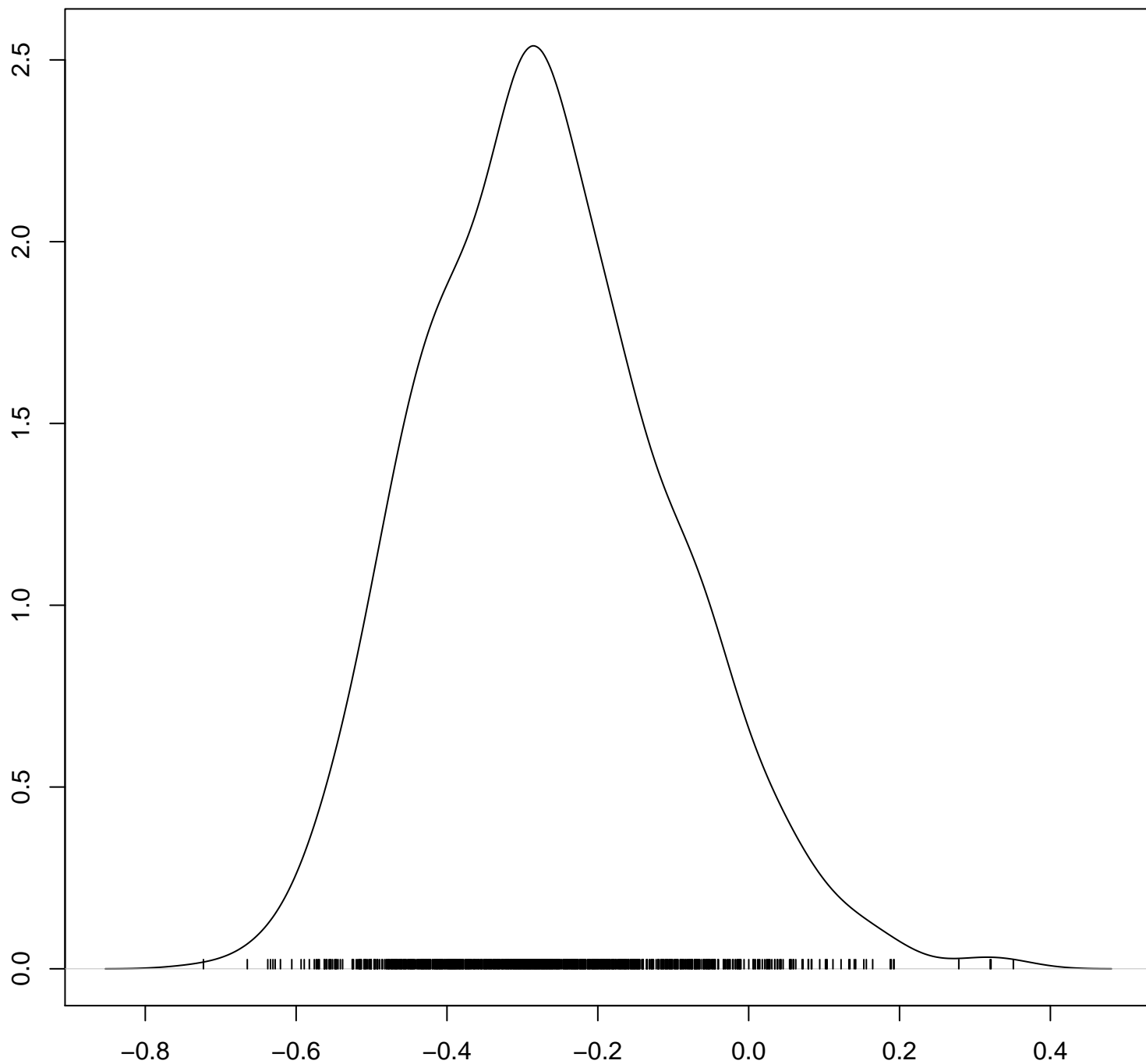


Density of log.resid[46]



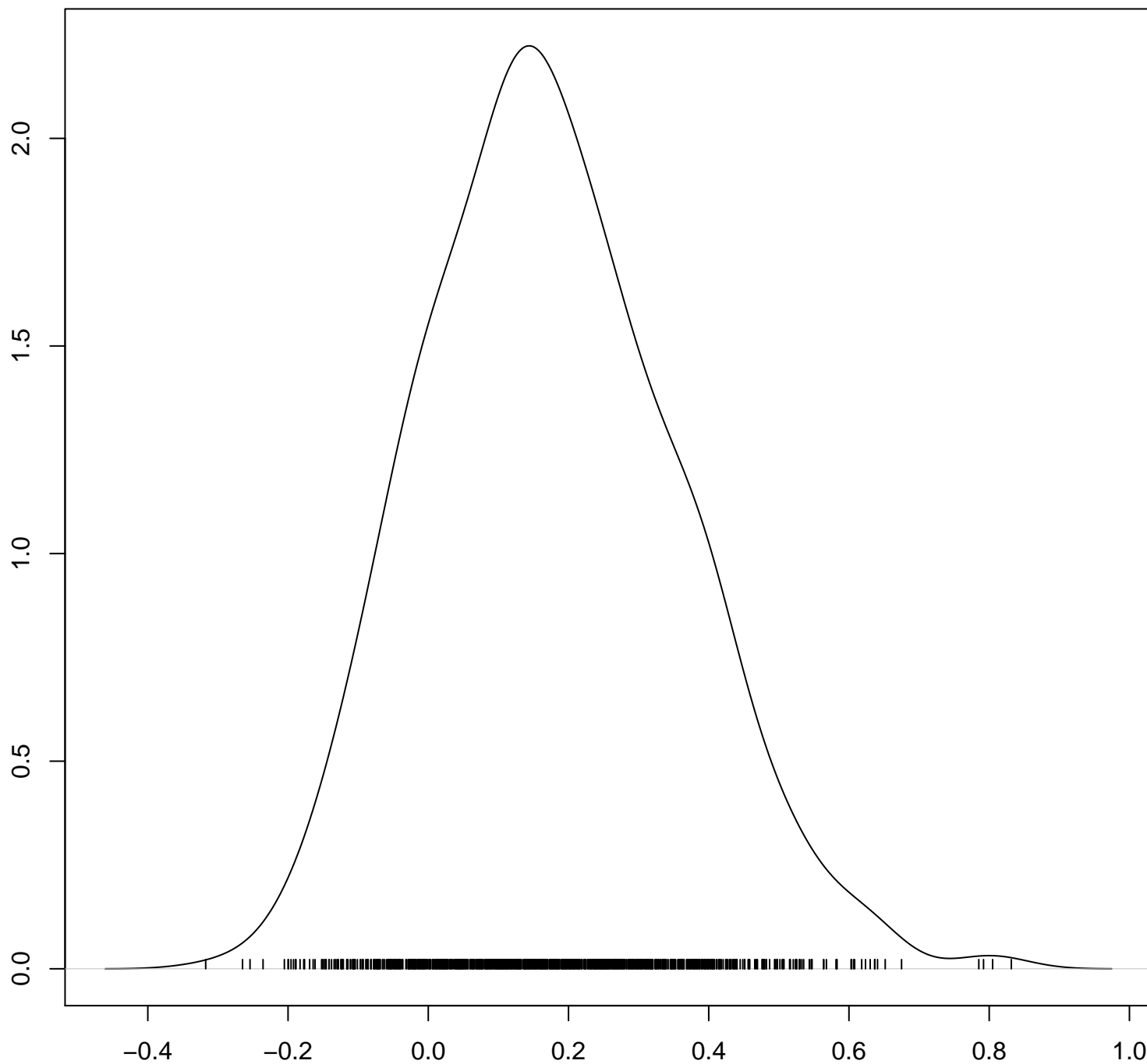
N = 1000 Bandwidth = 0.04097

Density of log.resid[47]



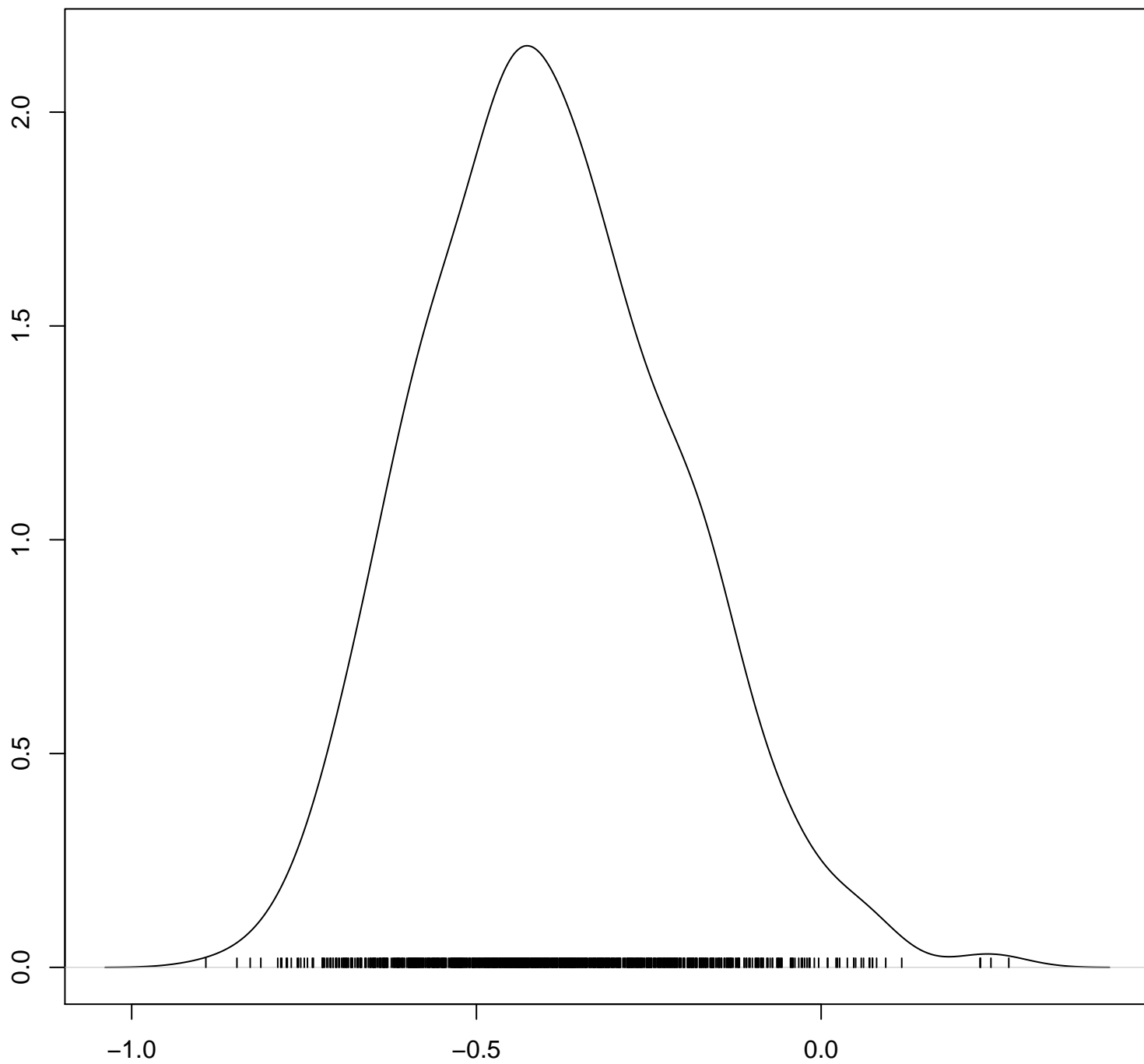
N = 1000 Bandwidth = 0.04337

Density of log.resid[48]



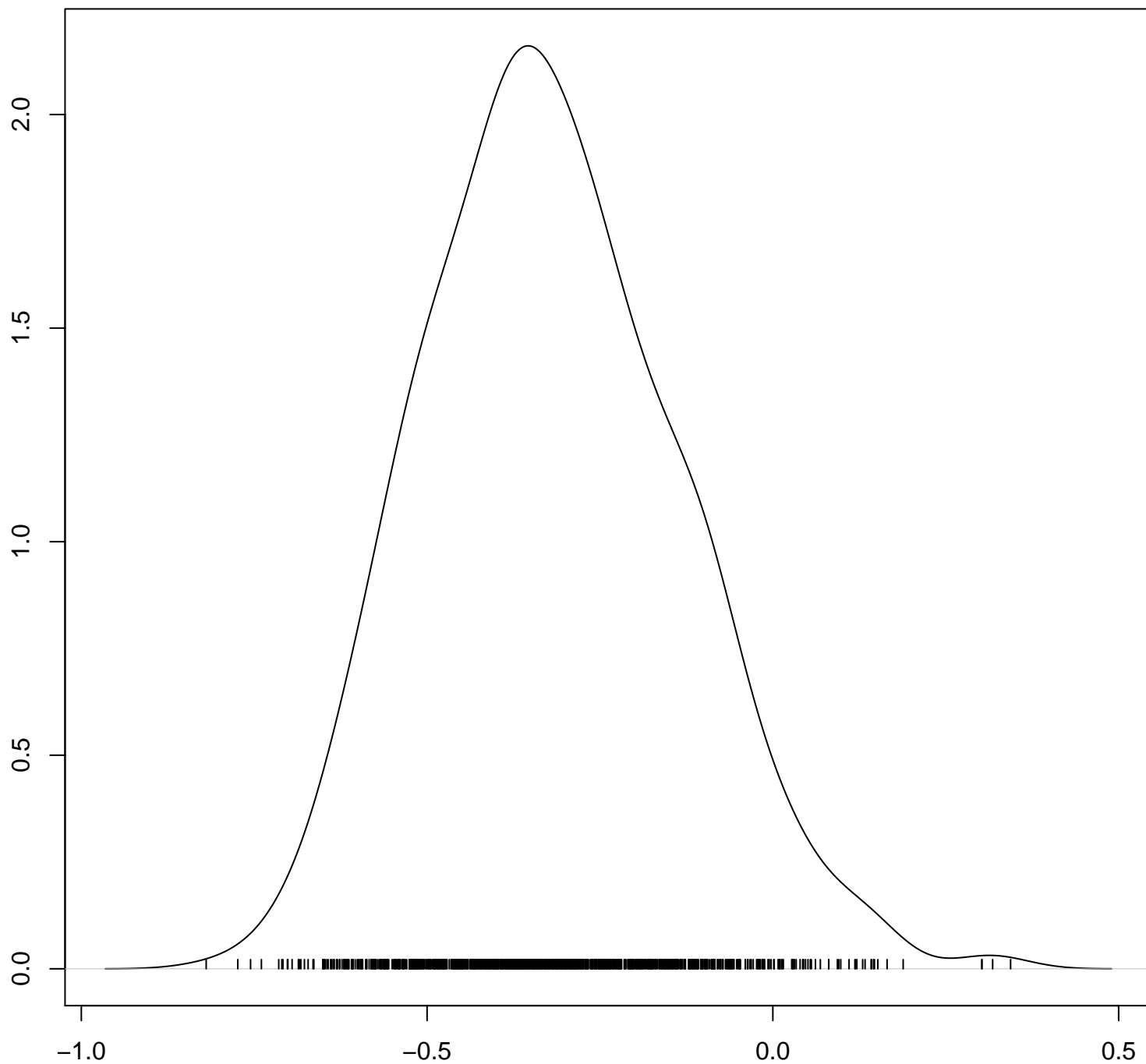
N = 1000 Bandwidth = 0.04771

Density of log.resid[49]



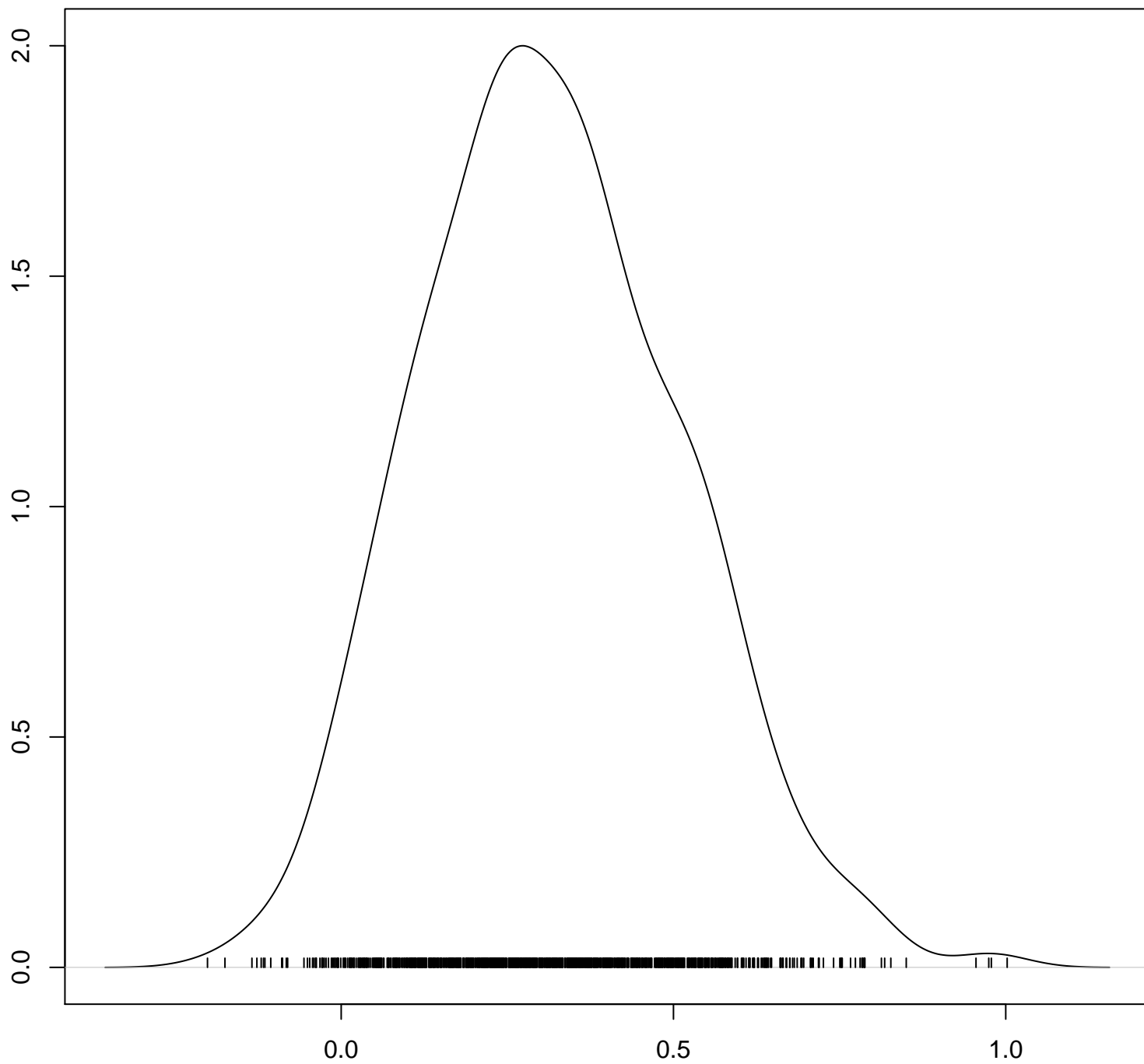
N = 1000 Bandwidth = 0.04871

Density of log.resid[50]



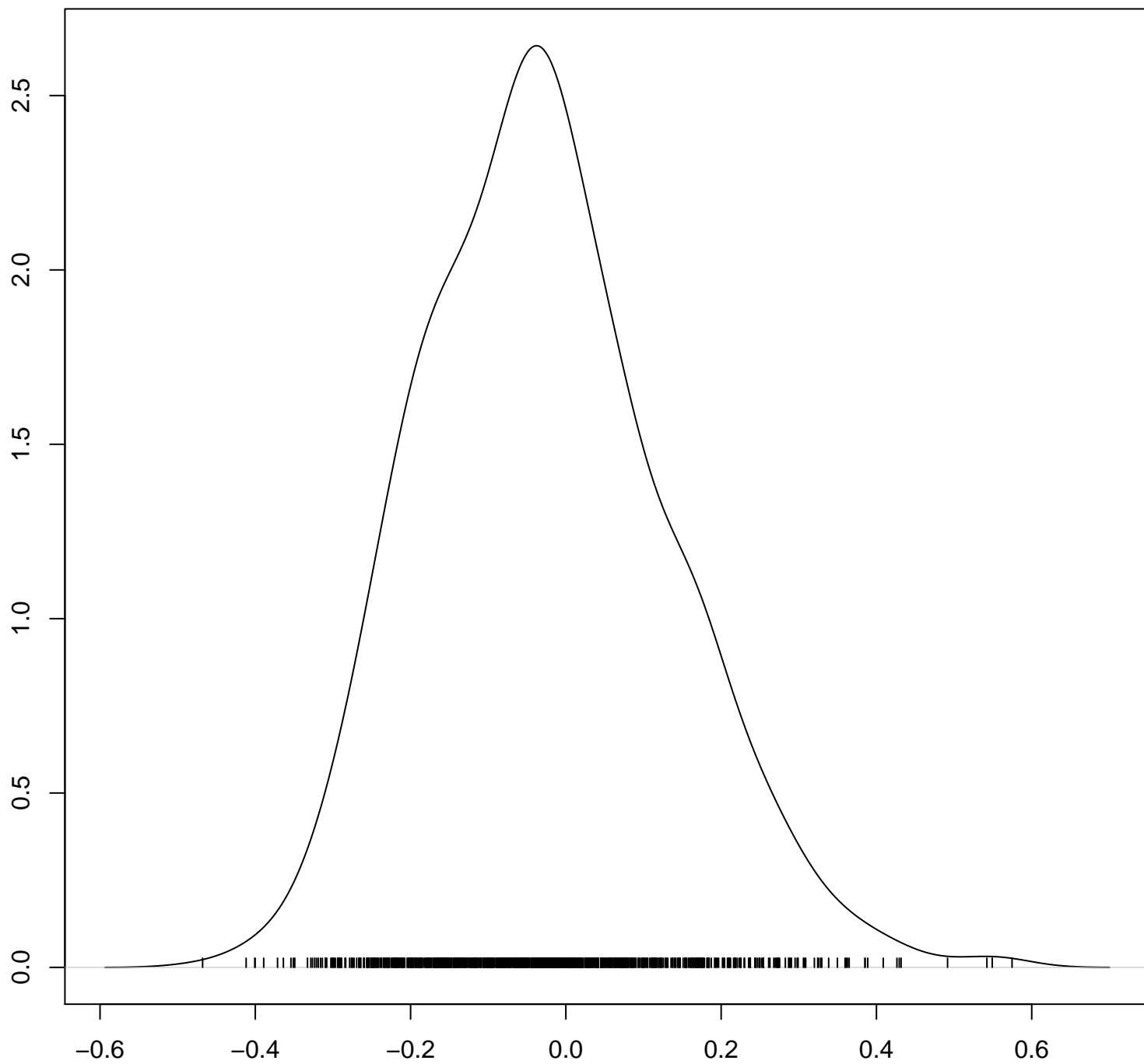
N = 1000 Bandwidth = 0.04863

Density of log.resid[51]



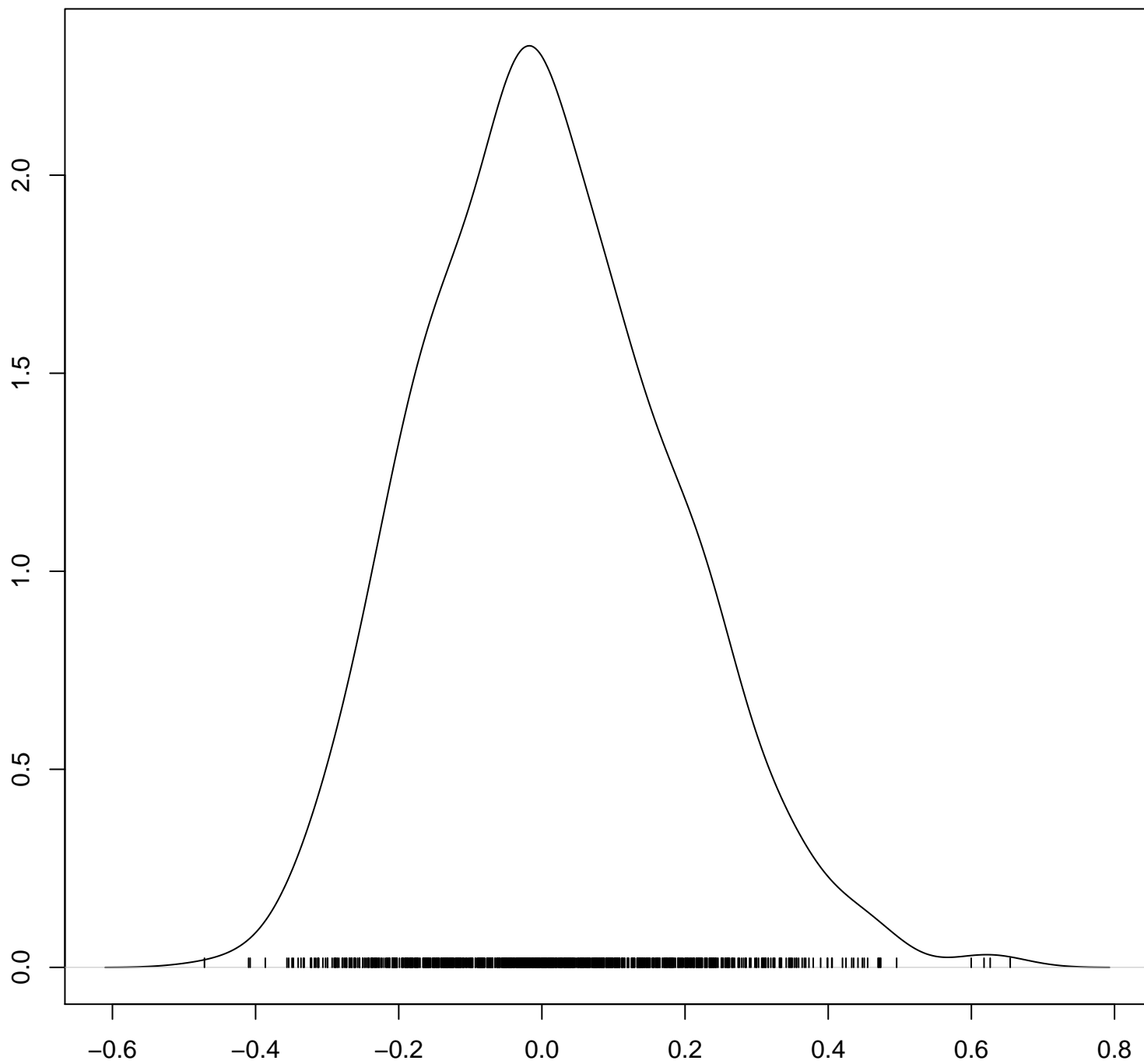
N = 1000 Bandwidth = 0.05135

Density of log.resid[52]



N = 1000 Bandwidth = 0.04186

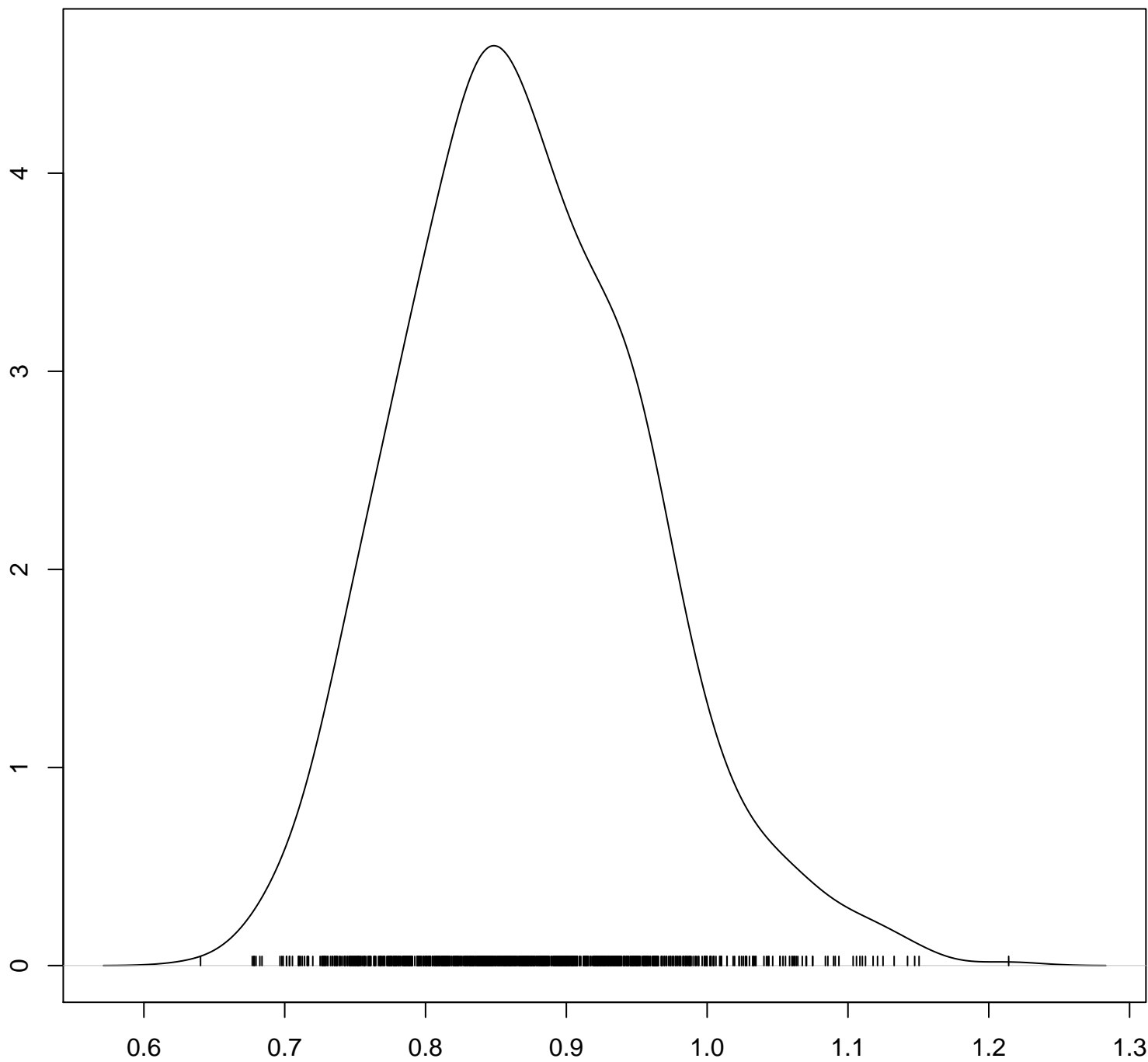
Density of log.resid[53]



N = 1000 Bandwidth = 0.04627



# Density of sigma



N = 1000 Bandwidth = 0.023