

> library(coda)

Loading required package: lattice

> codamenu()

CODA startup menu

1: Read BUGS output files

2: Use an mcmc object

3: Quit

Selection: 1

Enter CODA index file name

(or a blank line to exit)

1: Pars.ind

Enter CODA output file names, separated by return key

(leave a blank line when you have finished)

1: Pars1.out

2: Pars2.out

3:

Abstracting Pars[1] ... 9000 valid values

Abstracting Pars[2] ... 9000 valid values

Abstracting Pars[3] ... 9000 valid values

Abstracting Pars[4] ... 9000 valid values

Abstracting Pars[5] ... 9000 valid values

Abstracting Pars[1] ... 9000 valid values

Abstracting Pars[2] ... 9000 valid values

Abstracting Pars[3] ... 9000 valid values

Abstracting Pars[4] ... 9000 valid values

Abstracting Pars[5] ... 9000 valid values

Checking effective sample size ...OK

CODA Main Menu

1: Output Analysis

2: Diagnostics

3: List/Change Options

4: Quit

Selection: 2

CODA Diagnostics Menu

1: Geweke

2: Gelman and Rubin

3: Raftery and Lewis

4: Heidelberger and Welch

5: Autocorrelations

6: Cross-Correlations

- 7: List/Change Options
- 8: Return to Main Menu

Selection: 2

GELMAN AND RUBIN DIAGNOSTIC

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Iterations used = 1001:10000
Thinning interval = 1
Sample size per chain = 9000

Potential scale reduction factors:

	Point est.	97.5% quantile
Pars[1]	1.00	1.01
Pars[2]	1.00	1.01
Pars[3]	1.00	1.00
Pars[4]	1.00	1.01
Pars[5]	1.00	1.00

Multivariate psrf

1.00

Gelman & Rubin menu

- 1: Shrink Factor Plots
- 2: Change bin size for shrink plot
- 3: Return to Diagnostics Menu

Selection: 3

CODA Diagnostics Menu

- 1: Geweke
- 2: Gelman and Rubin
- 3: Raftery and Lewis
- 4: Heidelberger and Welch
- 5: Autocorrelations
- 6: Cross-Correlations
- 7: List/Change Options
- 8: Return to Main Menu

Selection: 1

GEWEKE CONVERGENCE DIAGNOSTIC (Z-score)

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Iterations used = 1001:10000
Thinning interval = 1
Sample size per chain = 9000

\$Pars1.out

Fraction in 1st window = 0.1
Fraction in 2nd window = 0.5

Pars[1] Pars[2] Pars[3] Pars[4] Pars[5]
1.2988 -1.0156 1.4218 -1.6134 0.4051

\$Pars2.out

Fraction in 1st window = 0.1
Fraction in 2nd window = 0.5

Pars[1] Pars[2] Pars[3] Pars[4] Pars[5]
-1.9993 1.6704 2.0462 1.8339 -0.3082

Geweke plots menu

- 1: Change window size
- 2: Plot Z-scores
- 3: Change number of bins for plot
- 4: Return to Diagnostics Menu

Selection: 2
Waiting to confirm page change...

Save plots as a postscript file (y/N) ?

N

Geweke plots menu

- 1: Change window size
- 2: Plot Z-scores
- 3: Change number of bins for plot
- 4: Return to Diagnostics Menu

Selection: 4
CODA Diagnostics Menu

- 1: Geweke

- 2: Gelman and Rubin
- 3: Raftery and Lewis
- 4: Heidelberger and Welch
- 5: Autocorrelations
- 6: Cross-Correlations
- 7: List/Change Options
- 8: Return to Main Menu

Selection: 8

CODA Main Menu

- 1: Output Analysis
- 2: Diagnostics
- 3: List/Change Options
- 4: Quit

Selection: 4

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