**Histogram of a.out$imputations[[3]]$tariff**
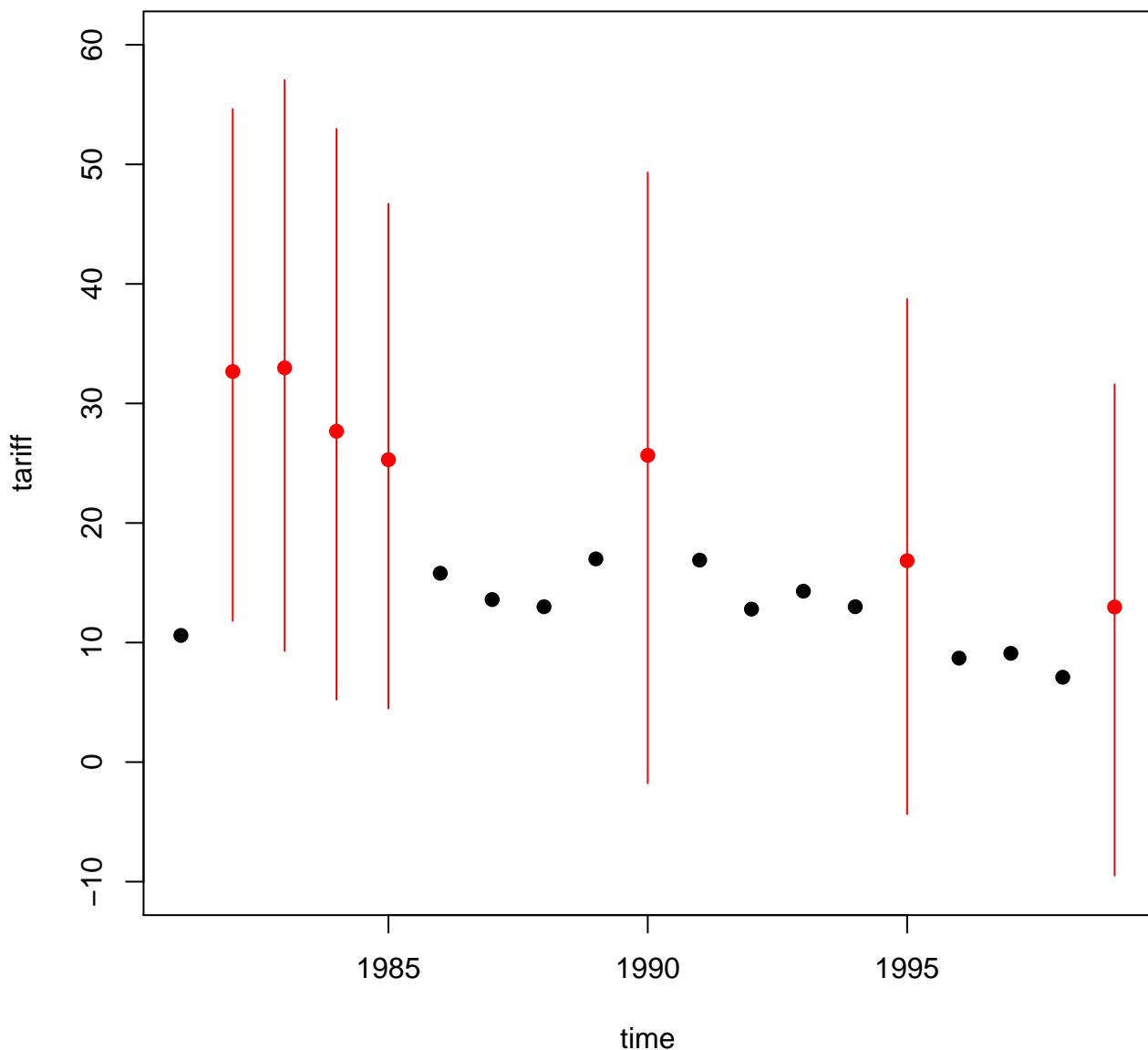
# Histogram of freetrade$tariff

**Histogram of log(freetrade$tariff)**

Frequency

log(freetrade$tariff)
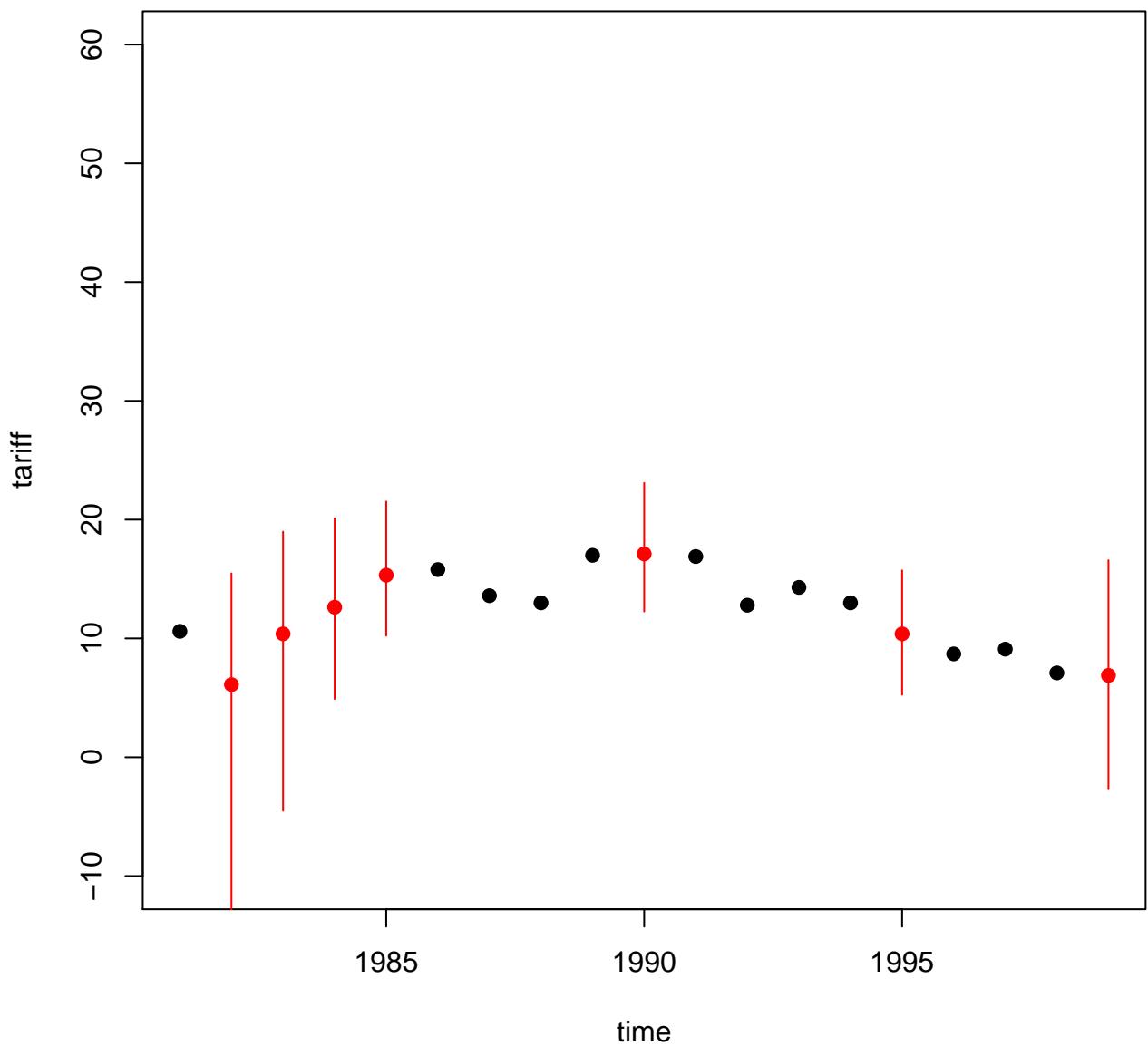
Malaysia (no time settings)
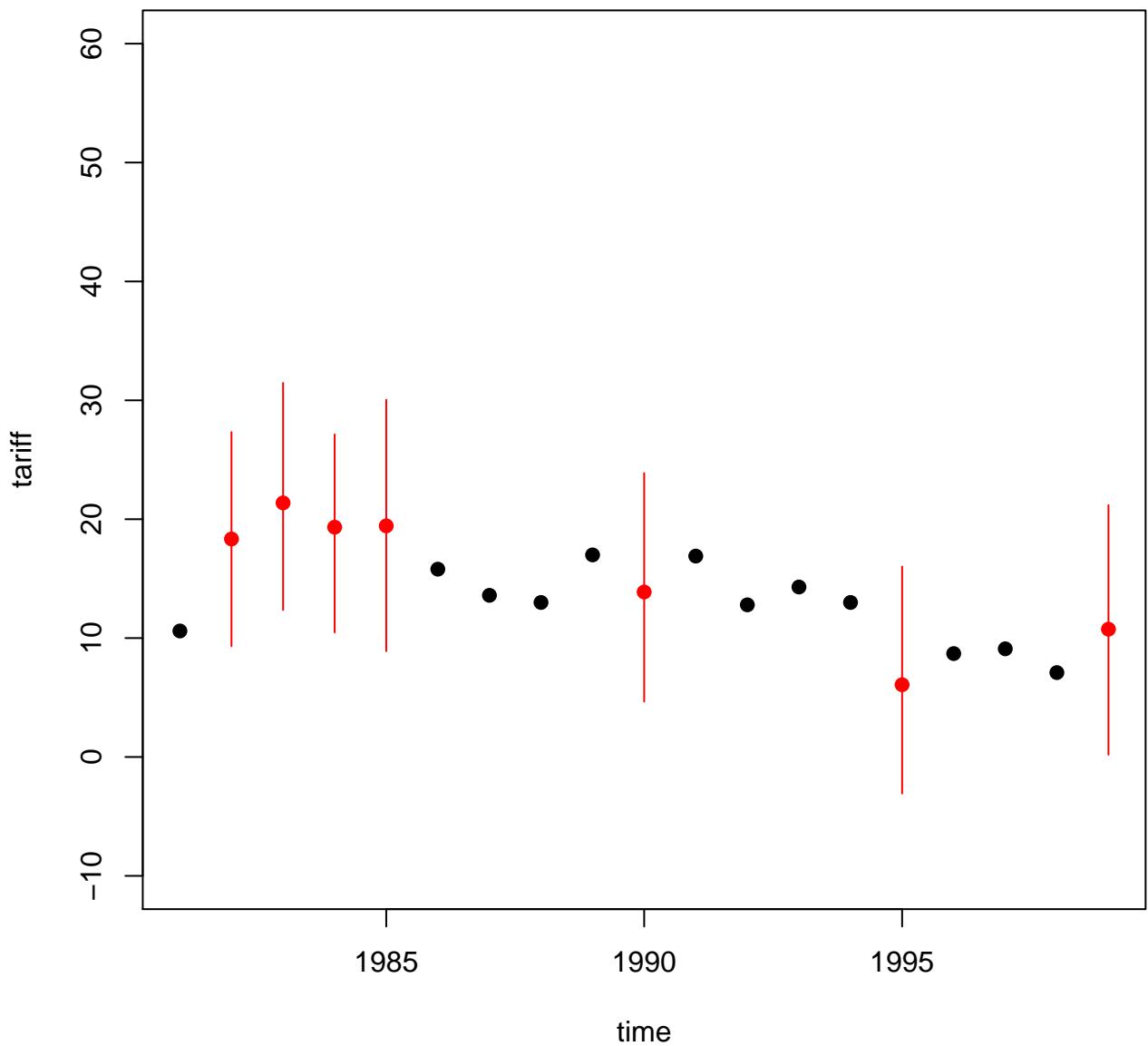
Malaysia (with time settings)
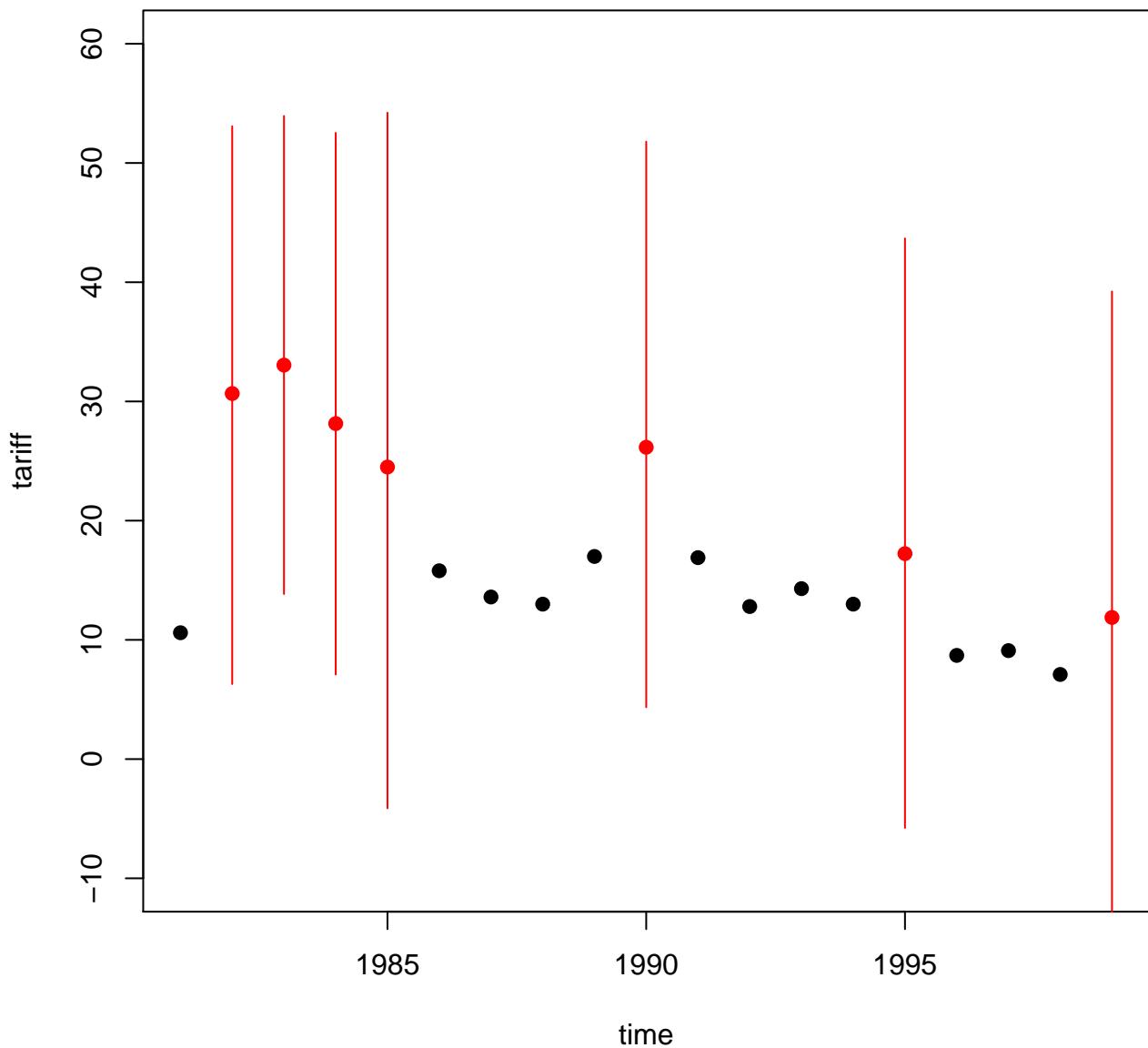
**Malaysia (no ridge prior)**
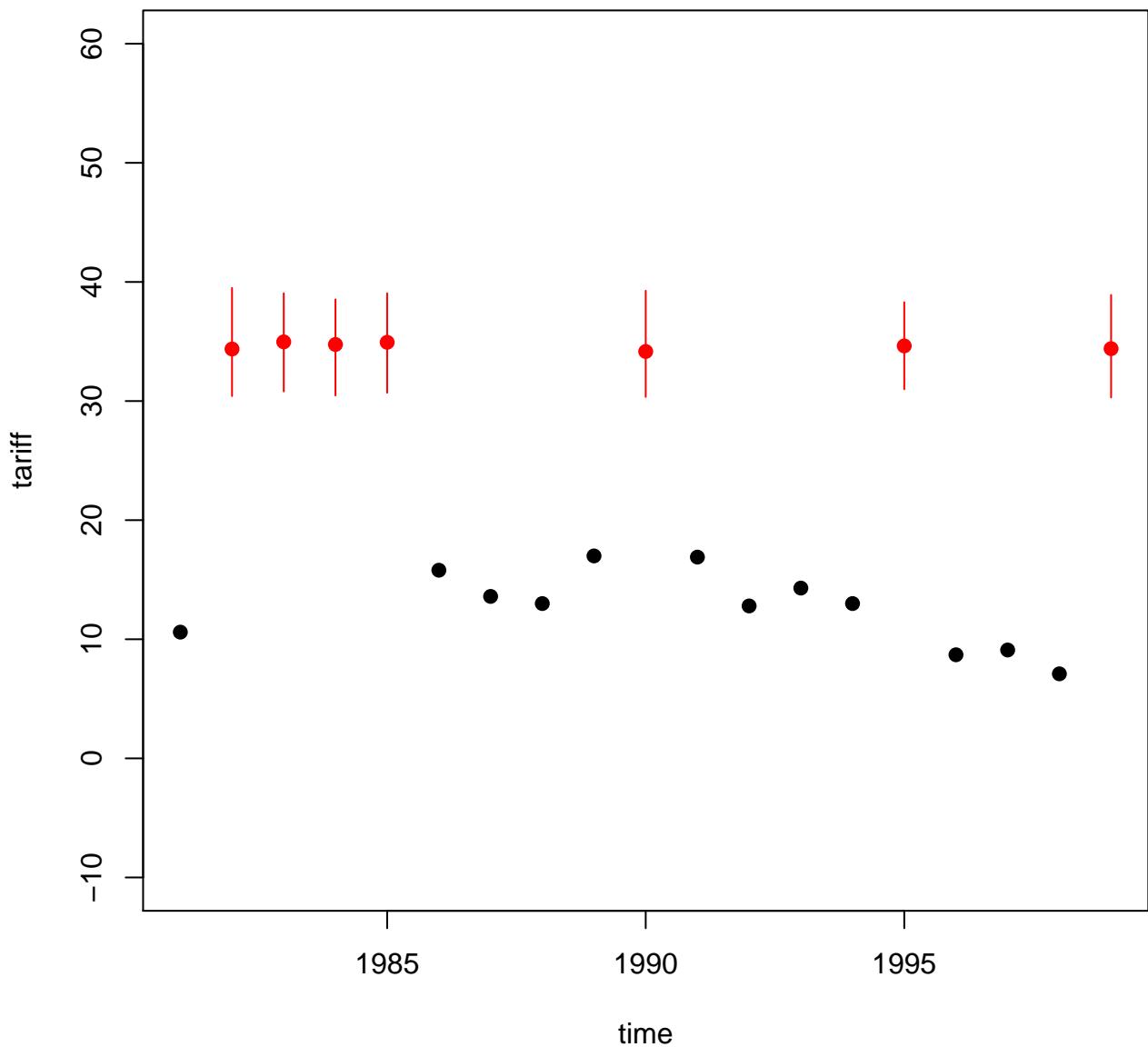
Malaysia (with ridge prior)
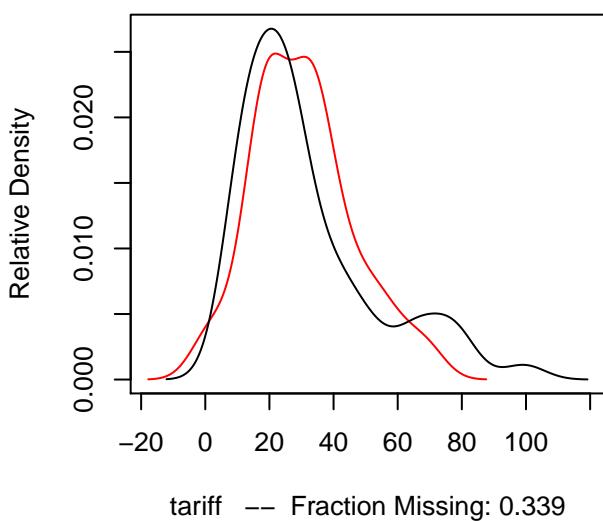
No logical bounds
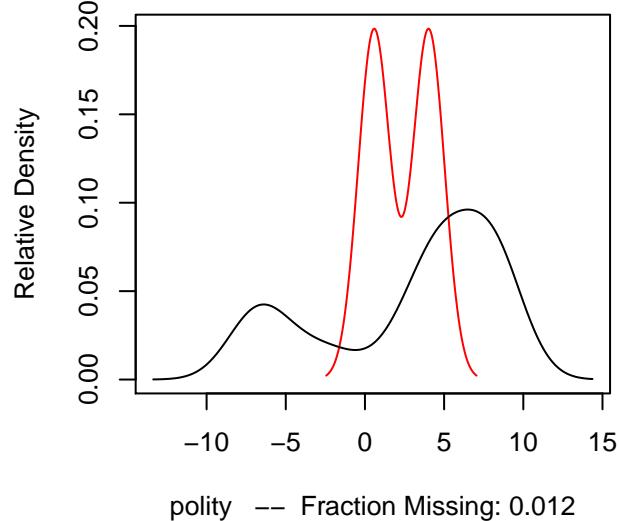
Bounded between 30 and 40

Observed and Imputed values of tariff

Relative Density

tariff –– Fraction Missing: 0.339
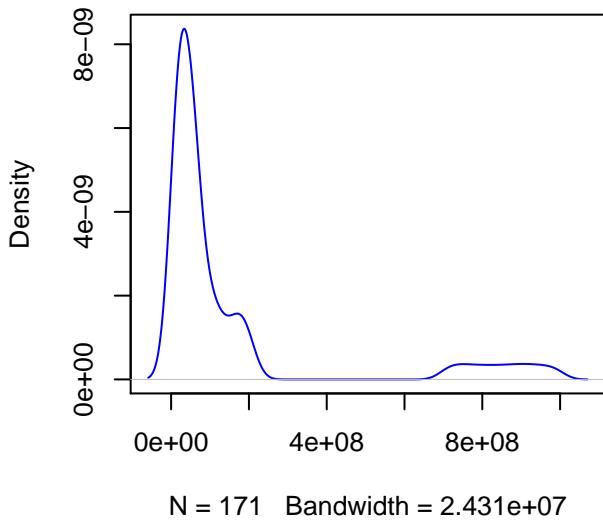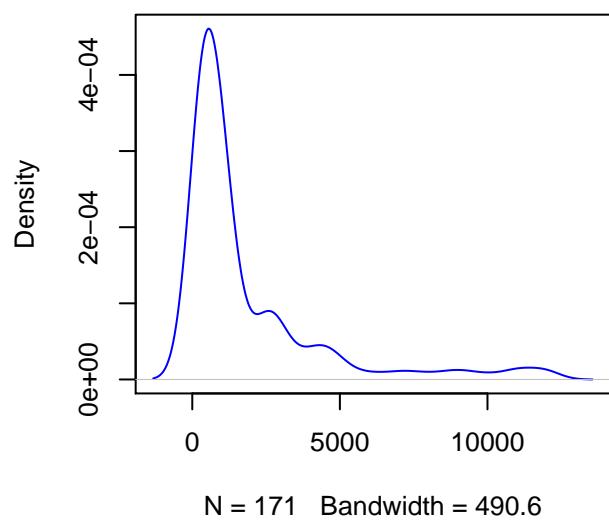
Observed and Imputed values of polity

Relative Density

polity –– Fraction Missing: 0.012

Observed values of pop

Density

N = 171   Bandwidth = 2.431e+07

Observed values of gdp.pc

Density

N = 171   Bandwidth = 490.6
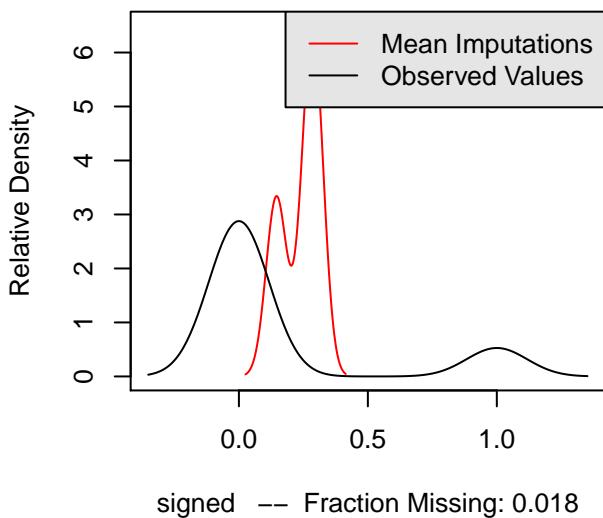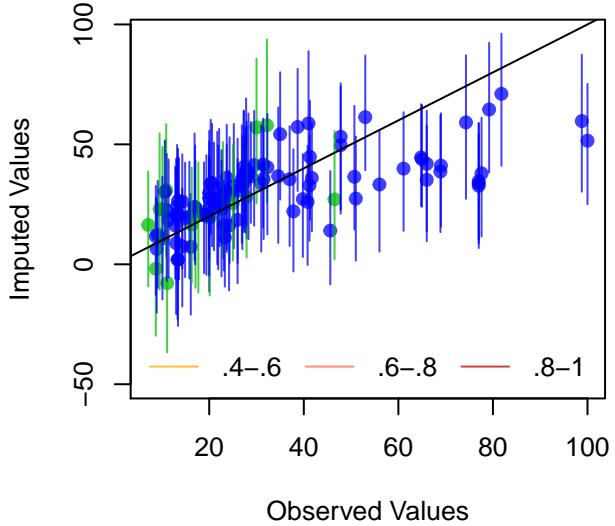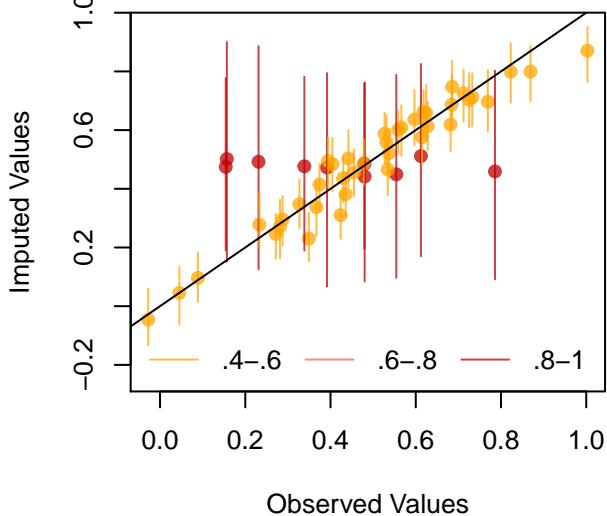
Observed and Imputed values of signed
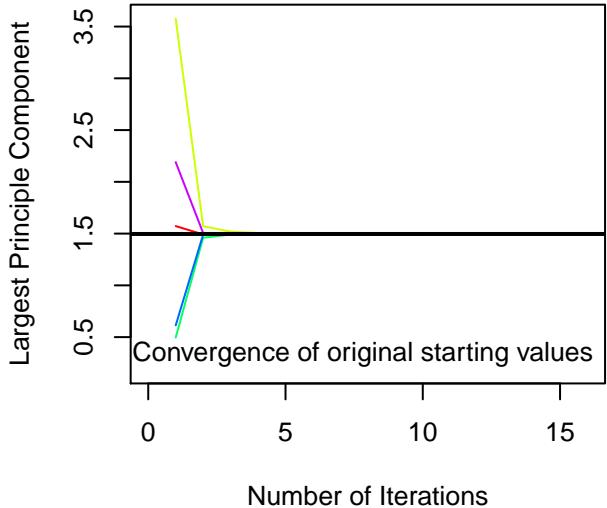
Relative Density

Mean Imputations
Observed Values

signed –– Fraction Missing: 0.018

Observed versus Imputed Values of tariff

Imputed Values

Observed Values

.4–.6   .6–.8   .8–1

Observed versus Imputed Values

Imputed Values

Observed Values

.4–.6   .6–.8   .8–1
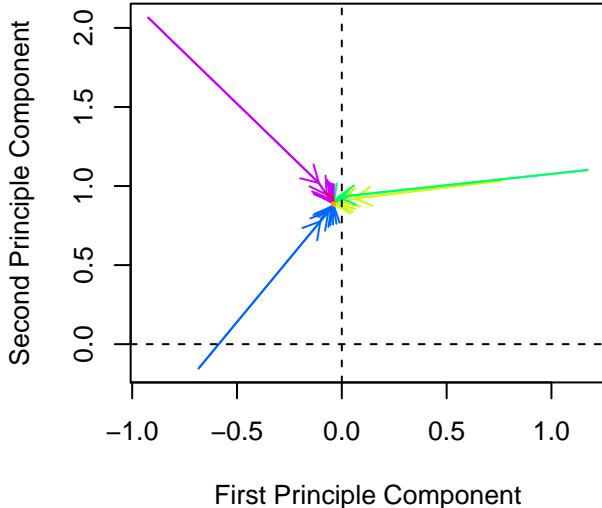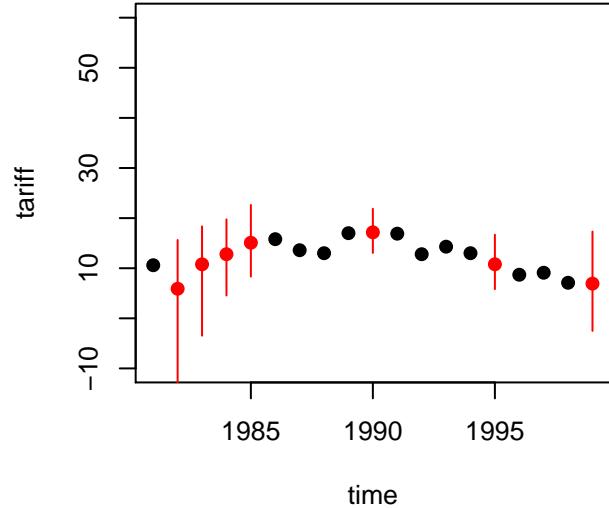
Overdispersed Start Values

Largest Principle Component

Convergence of original starting values

Number of Iterations

Overdispersed Starting Values

Second Principle Component (y-axis): 0.0, 0.5, 1.0, 1.5, 2.0

First Principle Component (x-axis): −1.0, −0.5, 0.0, 0.5, 1.0

Malaysia (with time settings)

tariff (y-axis): −10, 10, 30, 50

time (x-axis): 1985, 1990, 1995

Missingness Map

Missing   Observed

India
Indonesia
Korea
Malaysia
Nepal
Pakistan
Philippines
SriLanka
Thailand

tariff   fiveop   intresmi   signed   polity   usheg   gdp.pc   pop   country   year