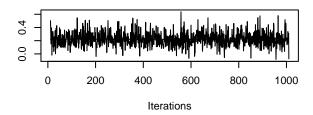
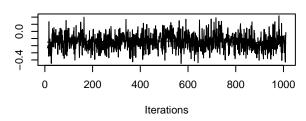
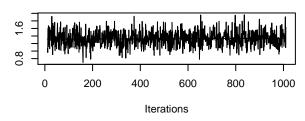
### Trace of B[(Intercept) (C1), G.ILE (S1)]



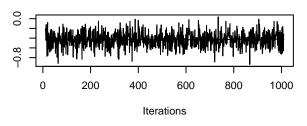
### Trace of B[Population1 (C2), G.ILE (S1)]



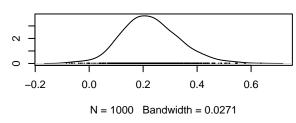
## Trace of B[Population2 (C3), G.ILE (S1)]



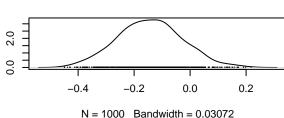
### Trace of B[Population3 (C4), G.ILE (S1)]



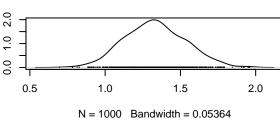
### Density of B[(Intercept) (C1), G.ILE (S1)]



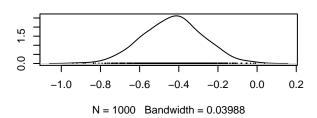
# Density of B[Population1 (C2), G.ILE (S1)]



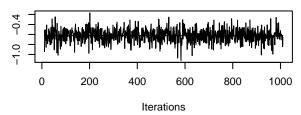
### Density of B[Population2 (C3), G.ILE (S1)]



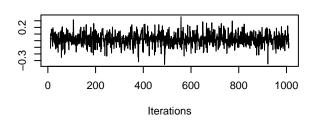
# Density of B[Population3 (C4), G.ILE (S1)]



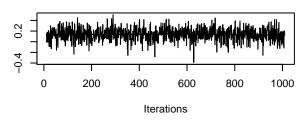
# Trace of B[Population4 (C5), G.ILE (S1)]



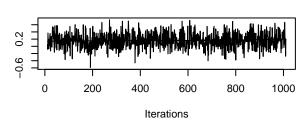
# Trace of B[(Intercept) (C1), G.LEU (S2)]



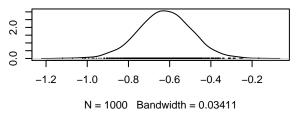
### Trace of B[Population1 (C2), G.LEU (S2)]



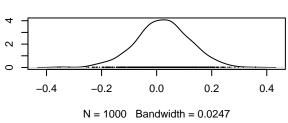
### Trace of B[Population2 (C3), G.LEU (S2)]



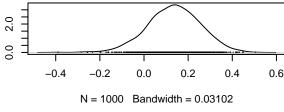
# Density of B[Population4 (C5), G.ILE (S1)]



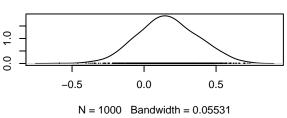
# Density of B[(Intercept) (C1), G.LEU (S2)]



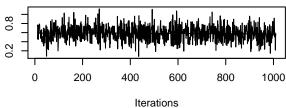
# Density of B[Population1 (C2), G.LEU (S2)]



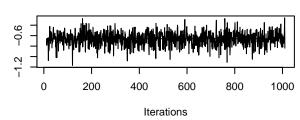
# Density of B[Population2 (C3), G.LEU (S2)]



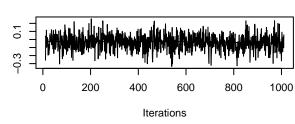
# Trace of B[Population3 (C4), G.LEU (S2)]



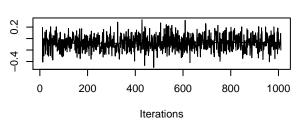
# Trace of B[Population4 (C5), G.LEU (S2)]



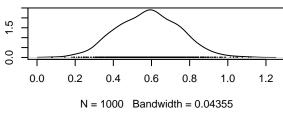
### Trace of B[(Intercept) (C1), G.PHE (S3)]

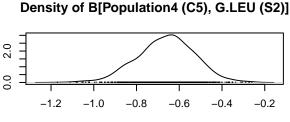


# Trace of B[Population1 (C2), G.PHE (S3)]

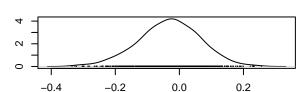


# Density of B[Population3 (C4), G.LEU (S2)]





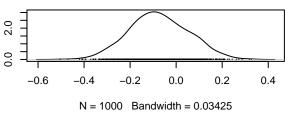
N = 1000 Bandwidth = 0.03419



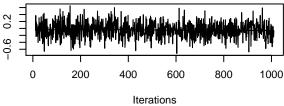
Density of B[(Intercept) (C1), G.PHE (S3)]

# N = 1000 Bandwidth = 0.02551

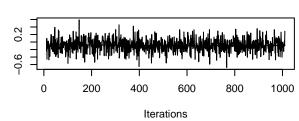
# Density of B[Population1 (C2), G.PHE (S3)]



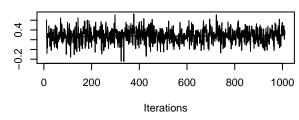
# Trace of B[Population2 (C3), G.PHE (S3)]



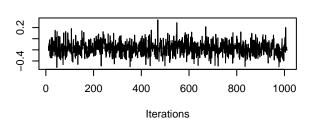
# Trace of B[Population3 (C4), G.PHE (S3)]



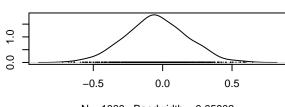
# Trace of B[Population4 (C5), G.PHE (S3)]



# Trace of B[(Intercept) (C1), G.OCI (S4)]

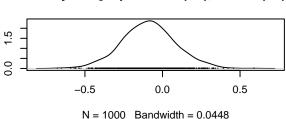


# Density of B[Population2 (C3), G.PHE (S3)]

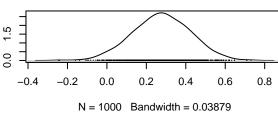


N = 1000 Bandwidth = 0.05802

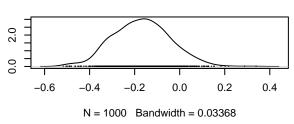
# Density of B[Population3 (C4), G.PHE (S3)]



Density of B[Population4 (C5), G.PHE (S3)]



# Density of B[(Intercept) (C1), G.OCI (S4)]

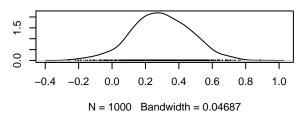


# Trace of B[Population1 (C2), G.OCI (S4)]

400

200

0



Density of B[Population1 (C2), G.OCI (S4)]

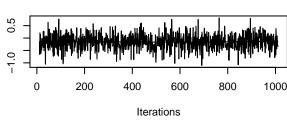


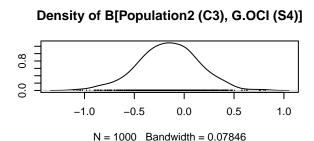
**Iterations** 

600

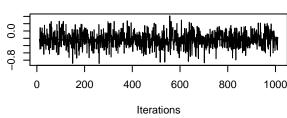
800

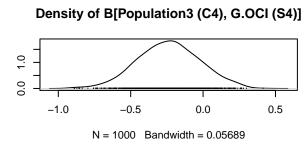
1000



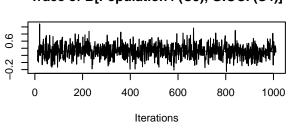


# Trace of B[Population3 (C4), G.OCI (S4)]





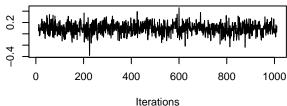
# Trace of B[Population4 (C5), G.OCI (S4)]



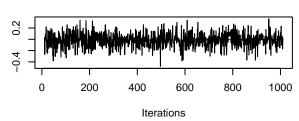
# Density of B[Population4 (C5), G.OCI (S4)]

N = 1000 Bandwidth = 0.05173

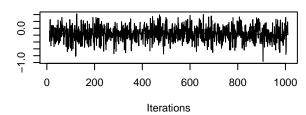
# Trace of B[(Intercept) (C1), G.GER (S5)]



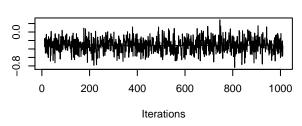
# Trace of B[Population1 (C2), G.GER (S5)]



# Trace of B[Population2 (C3), G.GER (S5)]

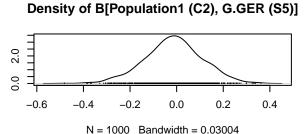


## Trace of B[Population3 (C4), G.GER (S5)]

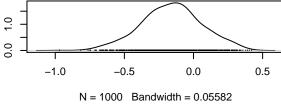


# Density of B[(Intercept) (C1), G.GER (S5)]

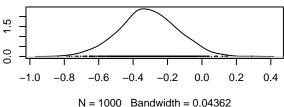
-0.4 -0.2 0.0 0.2 0.4 0.2 0.4 0.2 0.4 0.2 0.4 0.2 0.4



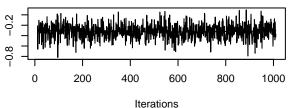
# Density of B[Population2 (C3), G.GER (S5)]



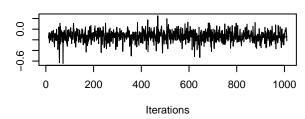
# Density of B[Population3 (C4), G.GER (S5)]



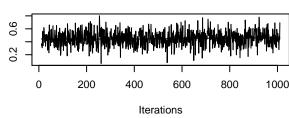
# Trace of B[Population4 (C5), G.GER (S5)]



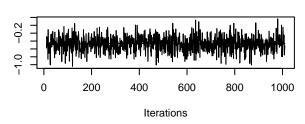




# Trace of B[Population1 (C2), G.LIN (S6)]

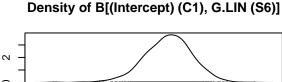


### Trace of B[Population2 (C3), G.LIN (S6)]



### 3.0 1.5 0.0 -0.2 -0.8-0.6 -0.40.0 0.2 Bandwidth = 0.03633N = 1000

Density of B[Population4 (C5), G.GER (S5)]



-0.4

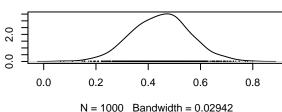
-0.6

-0.2 N = 1000 Bandwidth = 0.02776

0.0

0.2

# Density of B[Population1 (C2), G.LIN (S6)]



# Density of B[Population2 (C3), G.LIN (S6)]

1.0 0.0

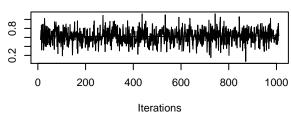
-0.5

-1.0 N = 1000

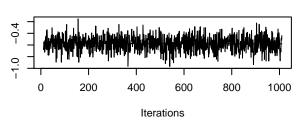
Bandwidth = 0.05161

0.0

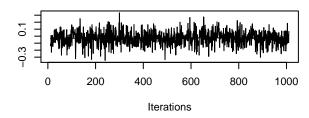
# Trace of B[Population3 (C4), G.LIN (S6)]



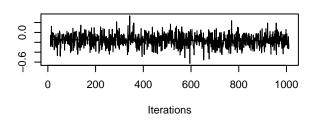
# Trace of B[Population4 (C5), G.LIN (S6)]



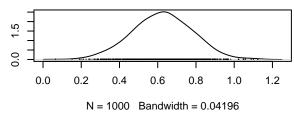
### Trace of B[(Intercept) (C1), G.LOX (S7)]

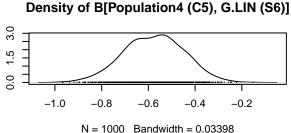


### Trace of B[Population1 (C2), G.LOX (S7)]

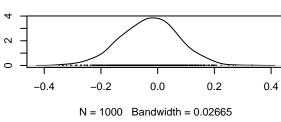


# Density of B[Population3 (C4), G.LIN (S6)]

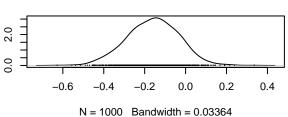




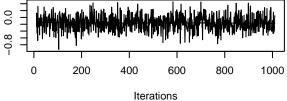
# Density of B[(Intercept) (C1), G.LOX (S7)]



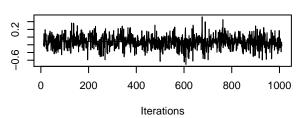
# Density of B[Population1 (C2), G.LOX (S7)]



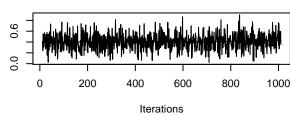
# Trace of B[Population2 (C3), G.LOX (S7)]



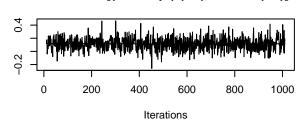
# Trace of B[Population3 (C4), G.LOX (S7)]



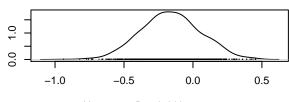
# Trace of B[Population4 (C5), G.LOX (S7)]



# Trace of B[(Intercept) (C1), G.CAR (S8)]

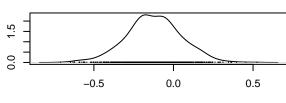


# Density of B[Population2 (C3), G.LOX (S7)]



N = 1000 Bandwidth = 0.05587

# Density of B[Population3 (C4), G.LOX (S7)]



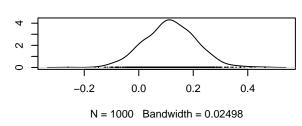
N = 1000 Bandwidth = 0.04377

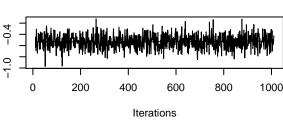
# 1.5 0.0

Density of B[Population4 (C5), G.LOX (S7)]

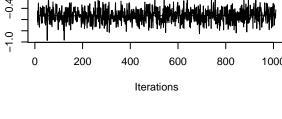
0.2 0.0 0.4 0.6 0.8 1.0 N = 1000 Bandwidth = 0.03789

# Density of B[(Intercept) (C1), G.CAR (S8)]

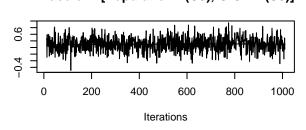




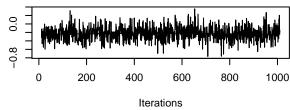
Trace of B[Population1 (C2), G.CAR (S8)]



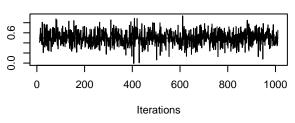


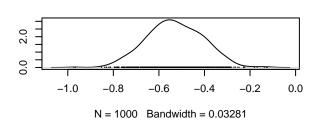


Trace of B[Population3 (C4), G.CAR (S8)]

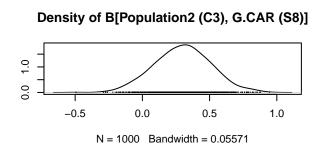


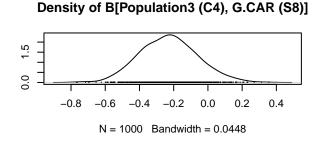
Trace of B[Population4 (C5), G.CAR (S8)]

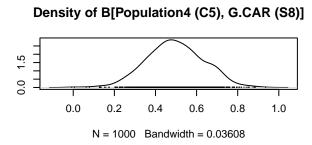




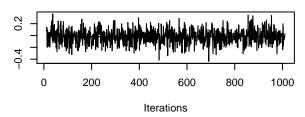
Density of B[Population1 (C2), G.CAR (S8)]



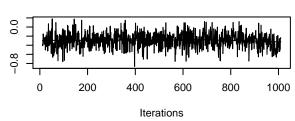




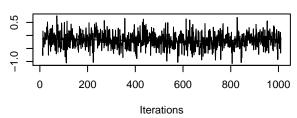
### Trace of B[(Intercept) (C1), G.FAR (S9)]



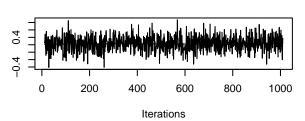
# Trace of B[Population1 (C2), G.FAR (S9)]



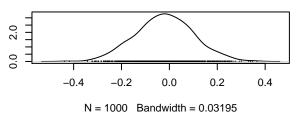
### Trace of B[Population2 (C3), G.FAR (S9)]



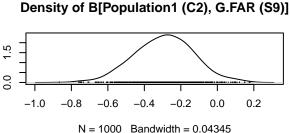
### Trace of B[Population3 (C4), G.FAR (S9)]



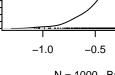
# Density of B[(Intercept) (C1), G.FAR (S9)]



0.8 0.0



# Density of B[Population2 (C3), G.FAR (S9)]



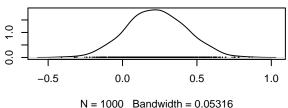
# N = 1000 Bandwidth = 0.07421

0.0

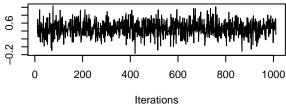
0.5

1.0

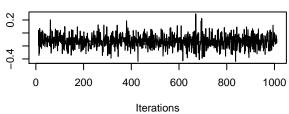
# Density of B[Population3 (C4), G.FAR (S9)]



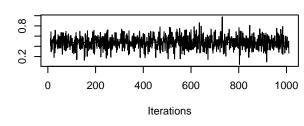
# Trace of B[Population4 (C5), G.FAR (S9)]



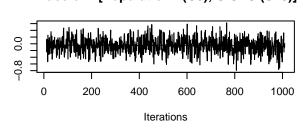
# Trace of B[(Intercept) (C1), G.SES (S10)]



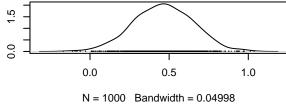
# Trace of B[Population1 (C2), G.SES (S10)]

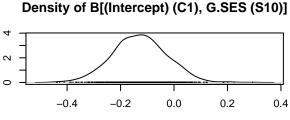


# Trace of B[Population2 (C3), G.SES (S10)]



# Density of B[Population4 (C5), G.FAR (S9)]





N = 1000 Bandwidth = 0.02644

Density of B[Population1 (C2), G.SES (S10)]

# 0.0

0.4

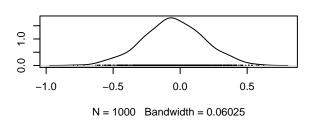
0.2 0.0 N = 1000 Bandwidth = 0.03196

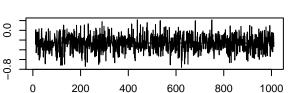
# Density of B[Population2 (C3), G.SES (S10)]

0.6

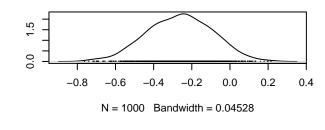
0.8

1.0





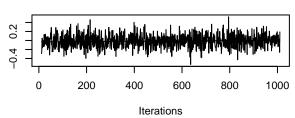
Trace of B[Population3 (C4), G.SES (S10)]



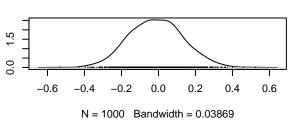
Density of B[Population3 (C4), G.SES (S10)]



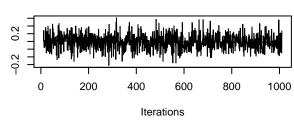
**Iterations** 



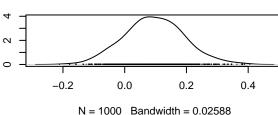
Density of B[Population4 (C5), G.SES (S10)]



# Trace of B[(Intercept) (C1), G.NER (S11)]



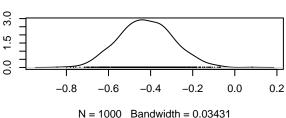
Density of B[(Intercept) (C1), G.NER (S11)]  $\alpha$ 



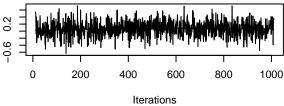
## Trace of B[Population1 (C2), G.NER (S11)]

### -0.2 -0.8 200 600 800 1000 0 400 **Iterations**

# Density of B[Population1 (C2), G.NER (S11)]



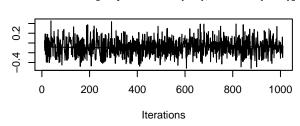
# Trace of B[Population2 (C3), G.NER (S11)]

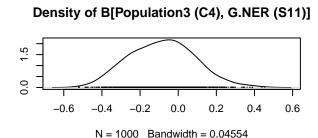


### 

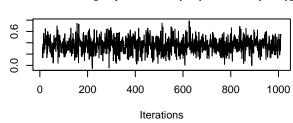
Density of B[Population2 (C3), G.NER (S11)]

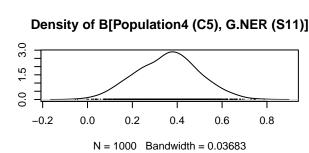
# Trace of B[Population3 (C4), G.NER (S11)]



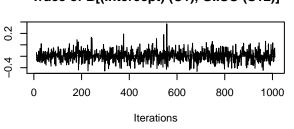


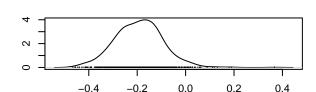
## Trace of B[Population4 (C5), G.NER (S11)]





# Trace of B[(Intercept) (C1), G.ISO (S12)]

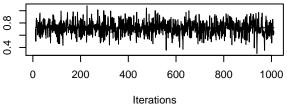




Density of B[(Intercept) (C1), G.ISO (S12)]

N = 1000 Bandwidth = 0.02532

# Trace of B[Population1 (C2), G.ISO (S12)]



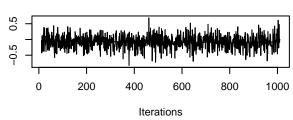
# 0.2 0.4 0.6 0.8 1.0 N = 1000 Bandwidth = 0.03025

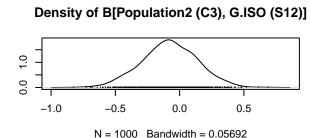
Density of B[Population1 (C2), G.ISO (S12)]

1.2

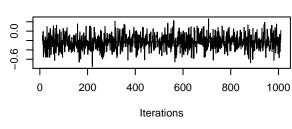
0.4

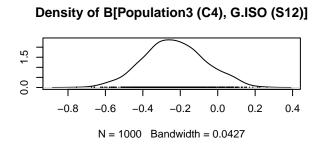




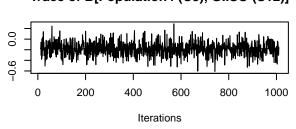


### Trace of B[Population3 (C4), G.ISO (S12)]



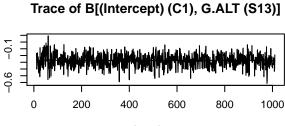


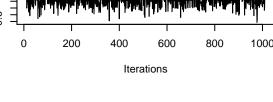
# Trace of B[Population4 (C5), G.ISO (S12)]

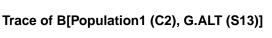


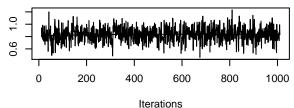
# Density of B[Population4 (C5), G.ISO (S12)]

-0.6 -0.4 -0.2 0.0 0.2 N = 1000 Bandwidth = 0.03412

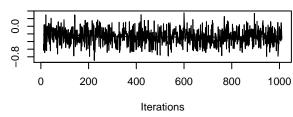




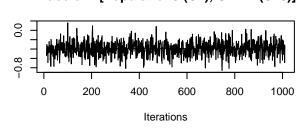




# Trace of B[Population2 (C3), G.ALT (S13)]



# Trace of B[Population3 (C4), G.ALT (S13)]

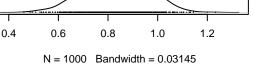


### Density of B[(Intercept) (C1), G.ALT (S13)] -0.6-0.4-0.20.0 0.2



# Density of B[Population1 (C2), G.ALT (S13)] 2.0

0.0

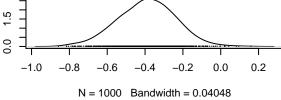


Density of B[Population2 (C3), G.ALT (S13)]

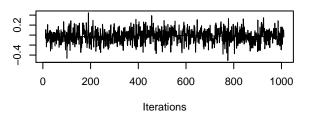
# 1.0

0.0 -1.0 -0.5 0.0 0.5 N = 1000 Bandwidth = 0.05371

Density of B[Population3 (C4), G.ALT (S13)]



### Trace of B[Population4 (C5), G.ALT (S13)]



## Density of B[Population4 (C5), G.ALT (S13)]

