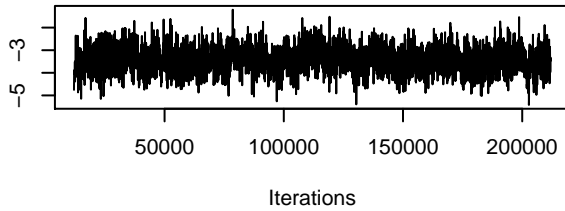**Trace of (Intercept)**

Density of (Intercept)

N = 4000   Bandwidth = 0.1156
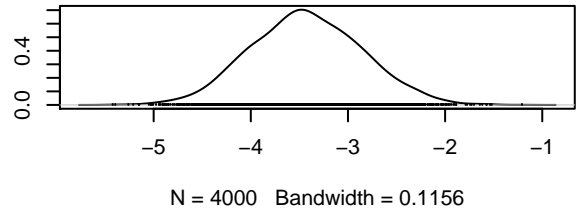
Trace of sexMale

Density of sexMale

N = 4000   Bandwidth = 0.004329
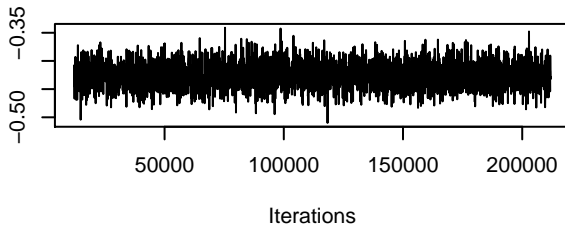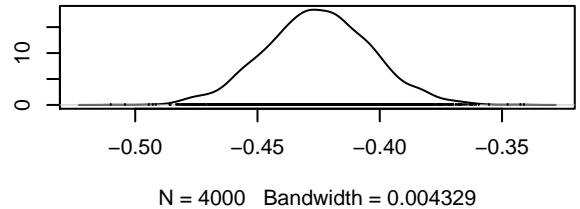
Trace of age

Density of age

N = 4000   Bandwidth = 0.003849
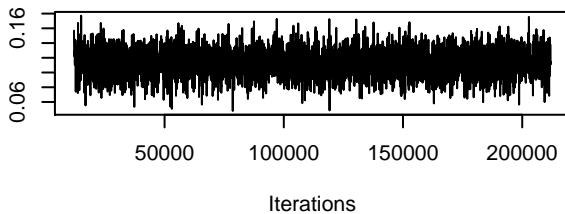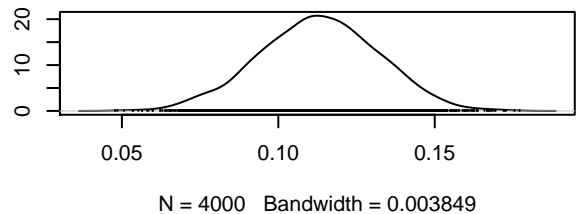
Trace of I(age^2)

Density of I(age^2)

N = 4000   Bandwidth = 3.449e−05

Iterations
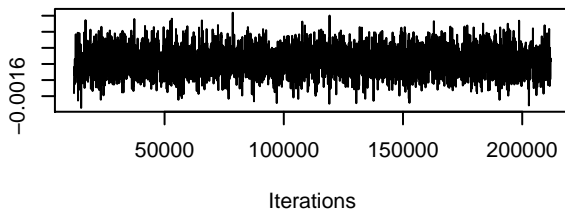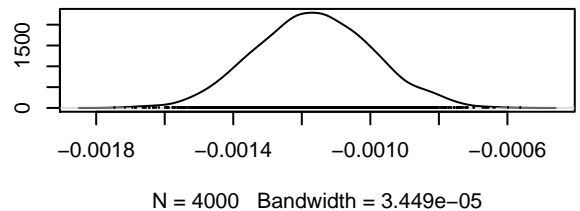
Trace of pc1 — **Density of pc1**

N = 4000   Bandwidth = 0.001338
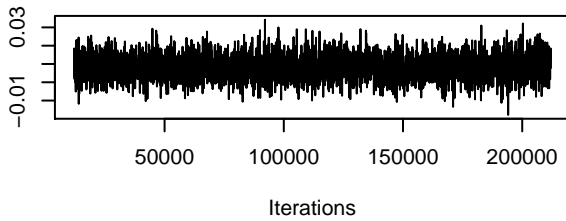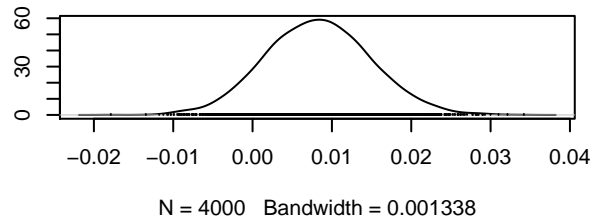
Trace of pc2 — **Density of pc2**

N = 4000   Bandwidth = 0.001356
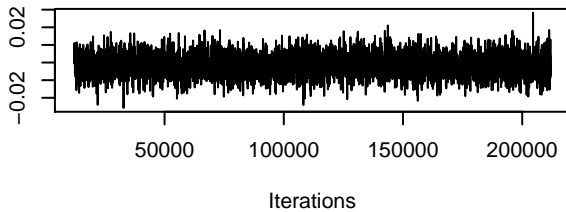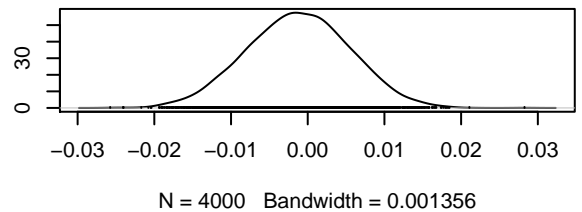
Trace of pc3 — **Density of pc3**

N = 4000   Bandwidth = 0.001292
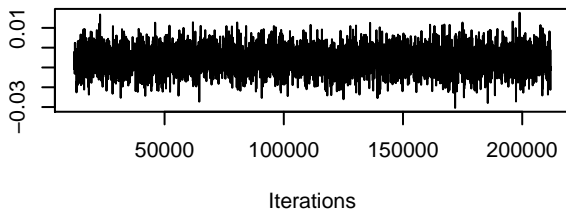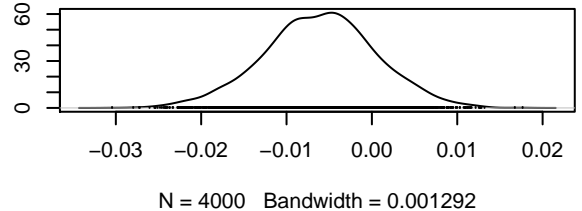
Trace of pc4 — **Density of pc4**

N = 4000   Bandwidth = 0.001051
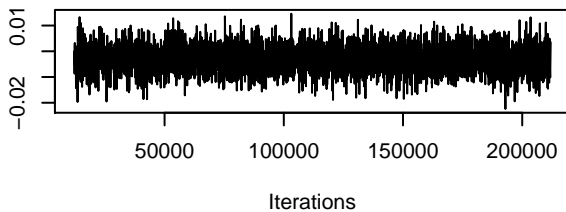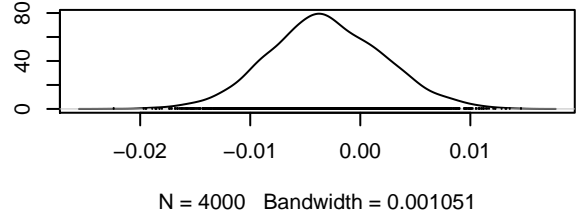
Trace of pc5

Density of pc5
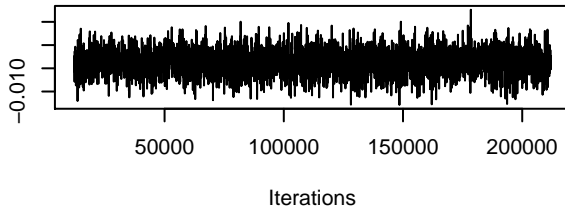
N = 4000 Bandwidth = 0.0005515
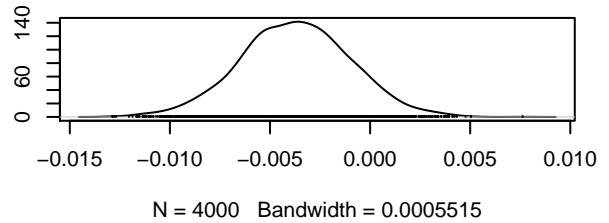
Trace of pc6

Density of pc6

N = 4000 Bandwidth = 0.001088
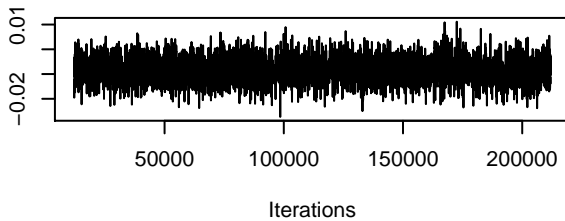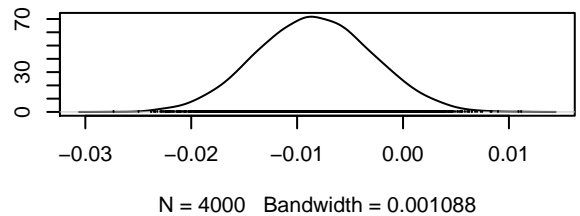
Trace of pc7

Density of pc7

N = 4000 Bandwidth = 0.001143
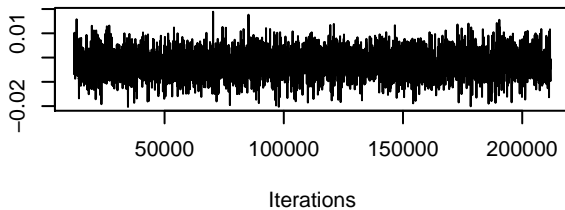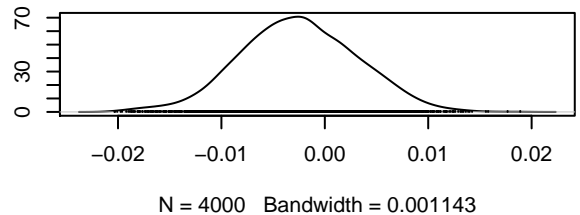
Trace of pc8

Density of pc8

N = 4000 Bandwidth = 0.0006091

Iterations
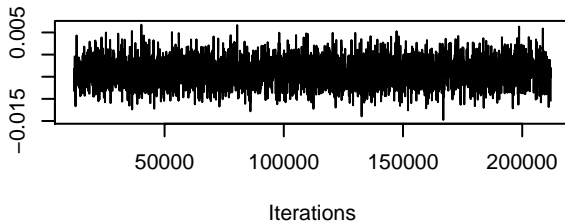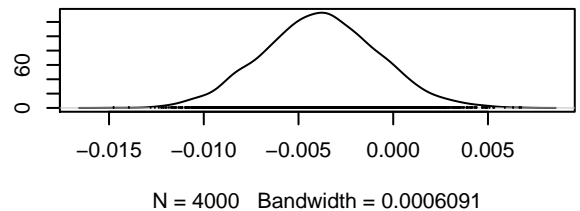
Trace of pc9

Density of pc9

N = 4000   Bandwidth = 0.001161
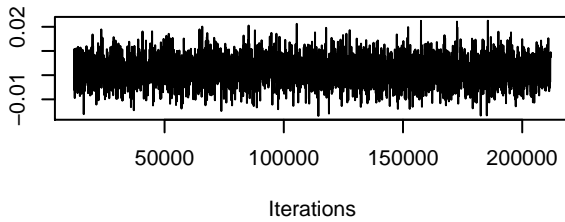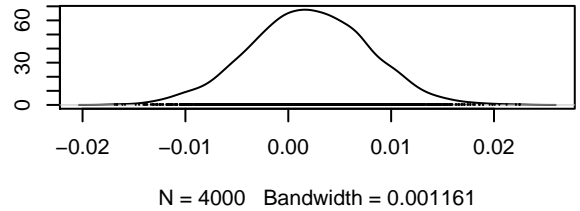
Trace of pc10

Density of pc10

N = 4000   Bandwidth = 0.0007543
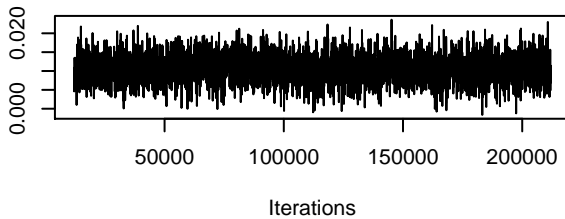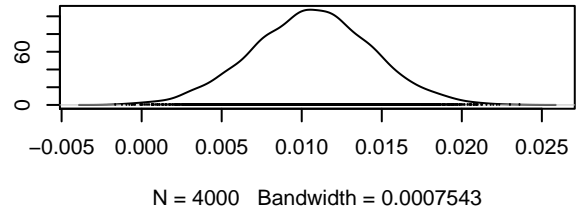
Trace of gen_batch

Density of gen_batch

N = 4000   Bandwidth = 0.0003959
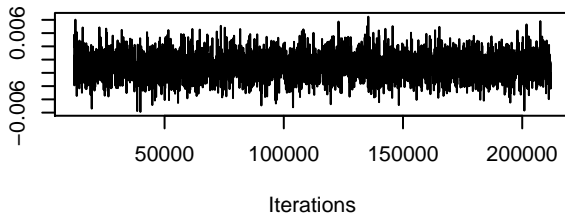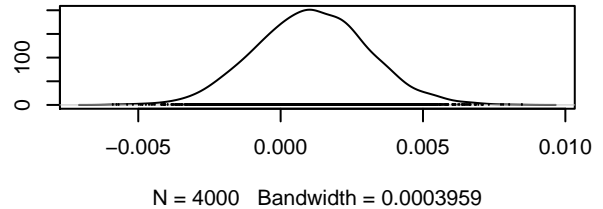
Trace of array

Density of array

N = 4000   Bandwidth = 0.008111

Iterations
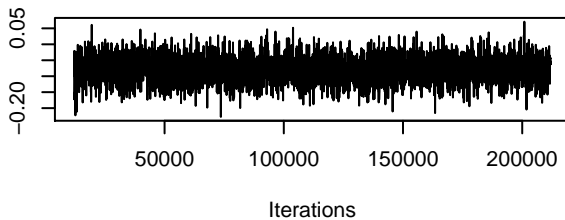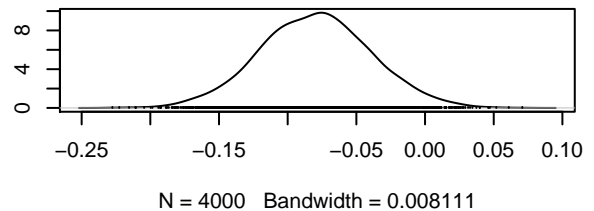
Trace of assessment_centreManchester

Density of assessment_centreManchester

N = 4000   Bandwidth = 0.04916
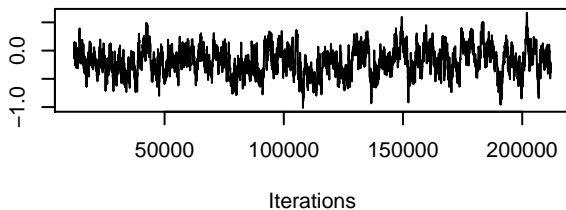
Trace of assessment_centreOxford

Density of assessment_centreOxford
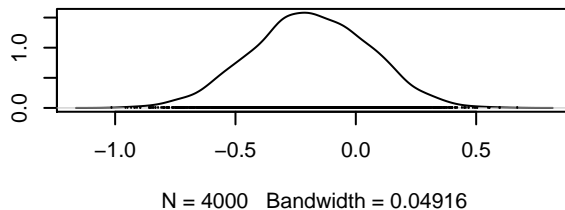
N = 4000   Bandwidth = 0.726
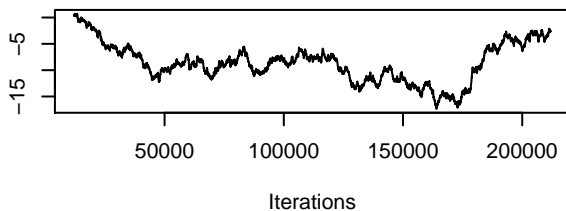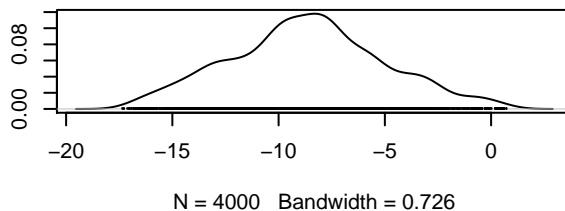
Trace of assessment_centreCardiff

Density of assessment_centreCardiff

N = 4000   Bandwidth = 0.9381
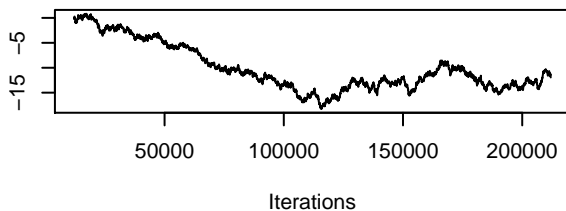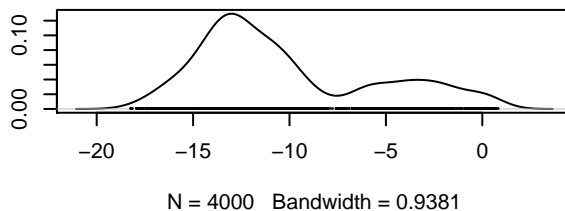
Trace of assessment_centreGlasgow

Density of assessment_centreGlasgow

N = 4000   Bandwidth = 0.5315

Iterations
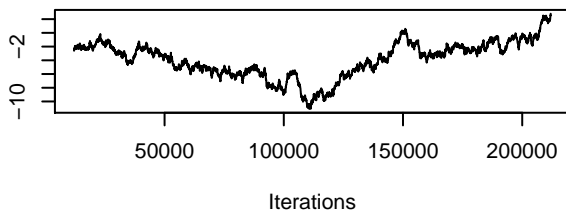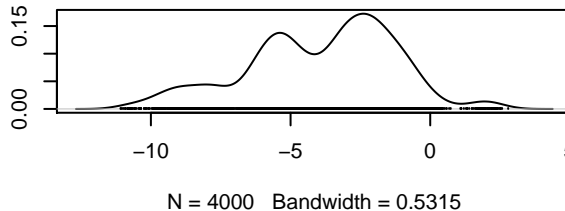
Trace of assessment_centreStoke

Density of assessment_centreStoke

N = 4000   Bandwidth = 0.0533
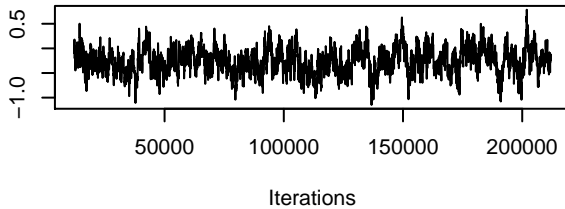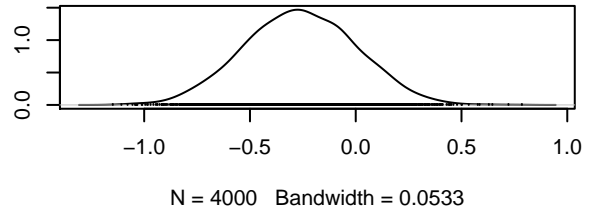
Trace of assessment_centreReading

Density of assessment_centreReading

N = 4000   Bandwidth = 0.3127
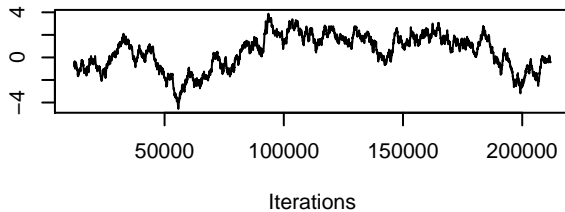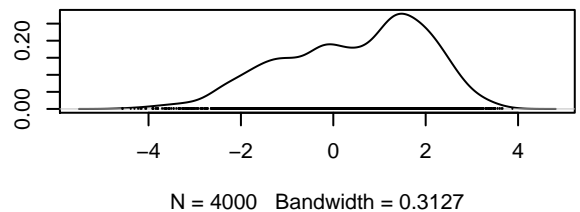
Trace of assessment_centreBury

Density of assessment_centreBury

N = 4000   Bandwidth = 0.04882
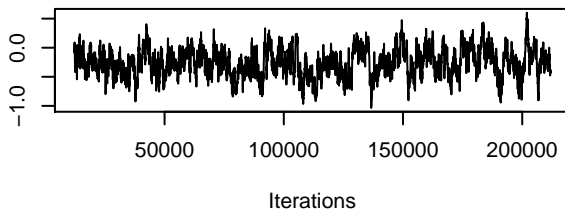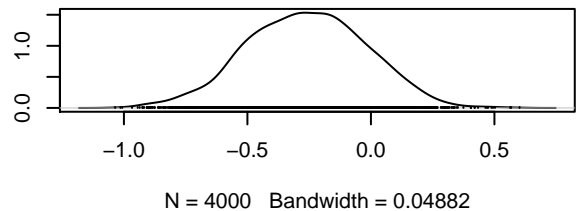
Trace of assessment_centreLeeds

Density of assessment_centreLeeds

N = 4000   Bandwidth = 0.05053
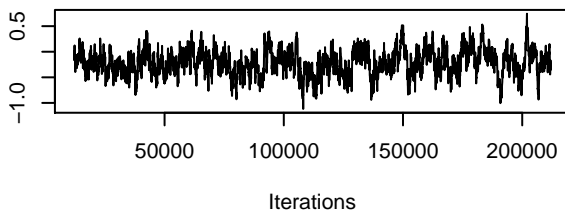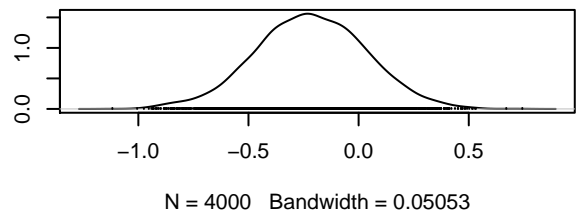
Trace of assessment_centreBristol

Density of assessment_centreBristol

N = 4000   Bandwidth = 0.04745
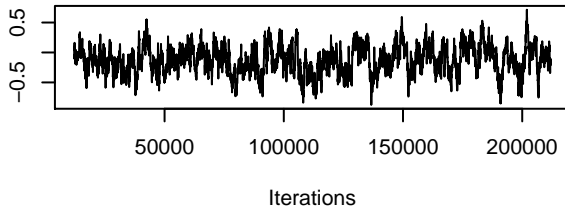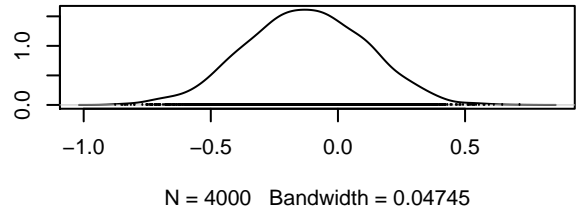
Trace of assessment_centreNottingham

Density of assessment_centreNottingham

N = 4000   Bandwidth = 0.04865
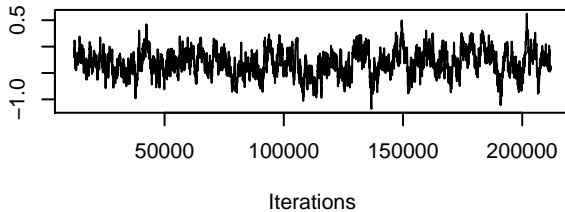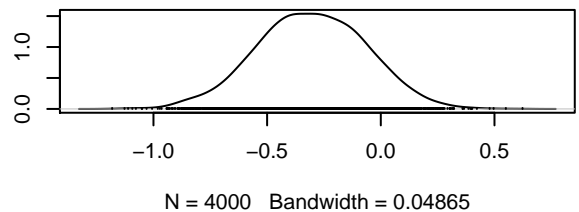
Trace of assessment_centreSheffield

Density of assessment_centreSheffield

N = 4000   Bandwidth = 0.0471
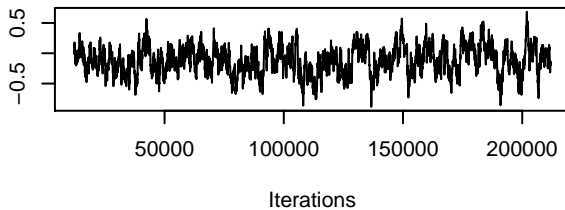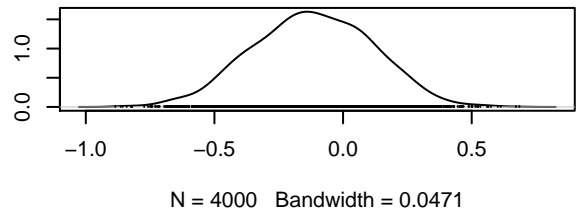
Trace of assessment_centreLiverpool

Density of assessment_centreLiverpool

N = 4000   Bandwidth = 0.0472

Iterations
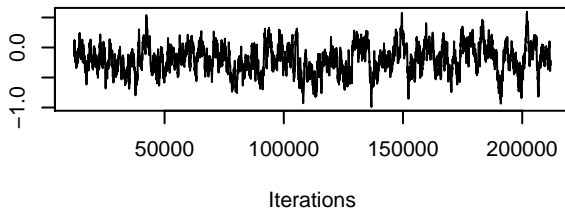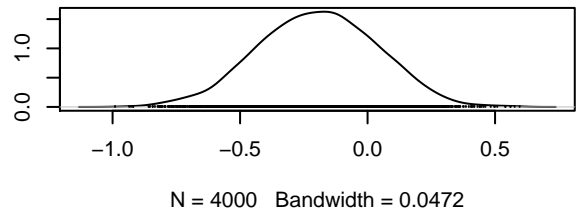
Trace of assessment_centreMiddlesborough

Density of assessment_centreMiddlesborough

N = 4000   Bandwidth = 0.04747
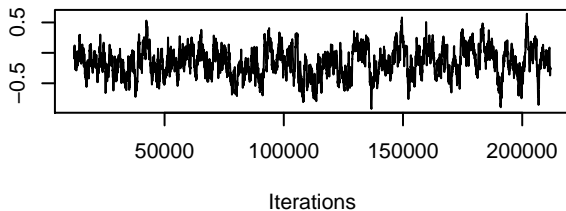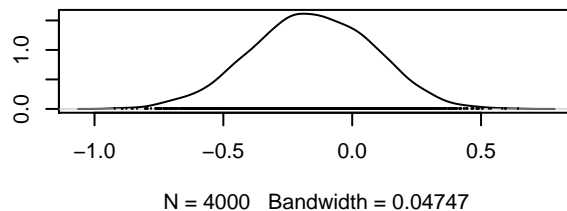
Trace of assessment_centreHounslow

Density of assessment_centreHounslow

N = 4000   Bandwidth = 0.04731
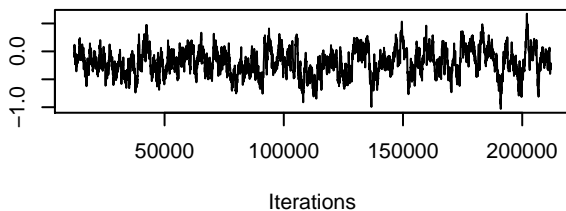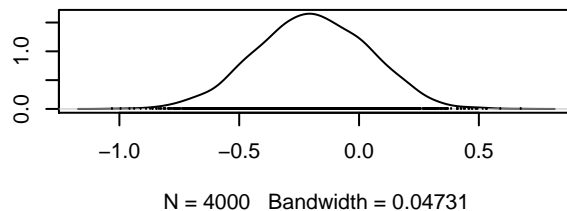
Trace of assessment_centreCroydon

Density of assessment_centreCroydon

N = 4000   Bandwidth = 0.04761
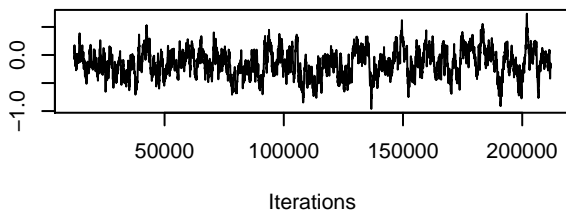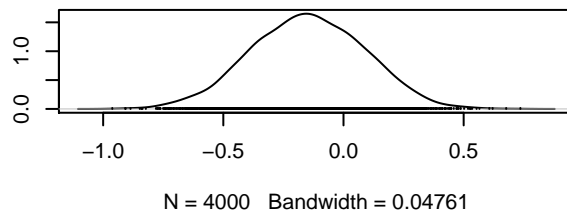
Trace of assessment_centreBirmingham

Density of assessment_centreBirmingham

N = 4000   Bandwidth = 0.04723

Iterations
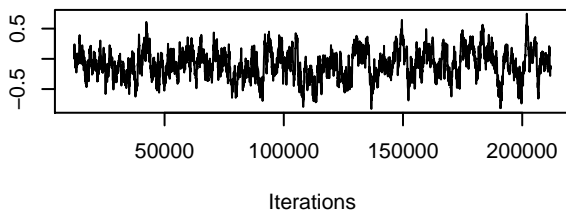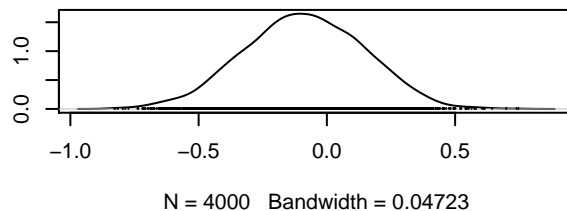
Trace of assessment_centreSwansea

Density of assessment_centreSwansea

N = 4000   Bandwidth = 0.05112
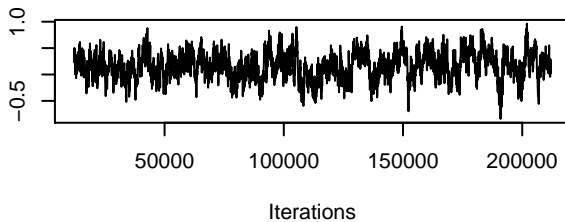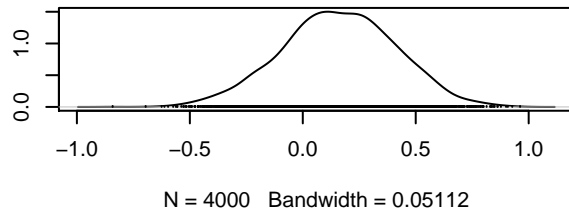
Trace of assessment_centreWrexham

Density of assessment_centreWrexham

N = 4000   Bandwidth = 0.05657
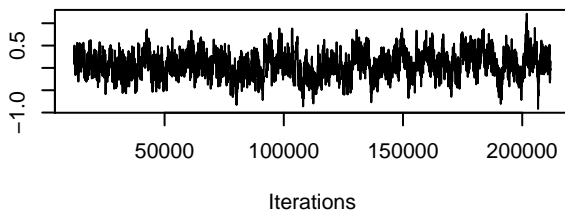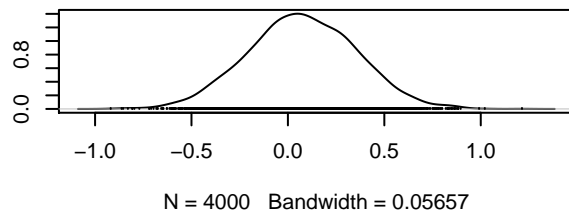
Trace of assessment_centreCheadle (revisit)

Density of assessment_centreCheadle (revisit)

N = 4000   Bandwidth = 0.04729
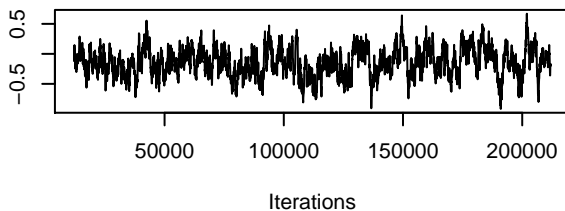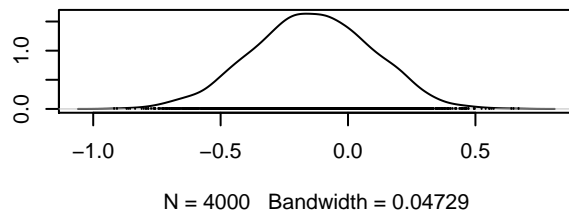
Trace of score

Density of score

Iterations

N = 4000   Bandwidth = 0.002193

Trace of units

Density of units

Iterations