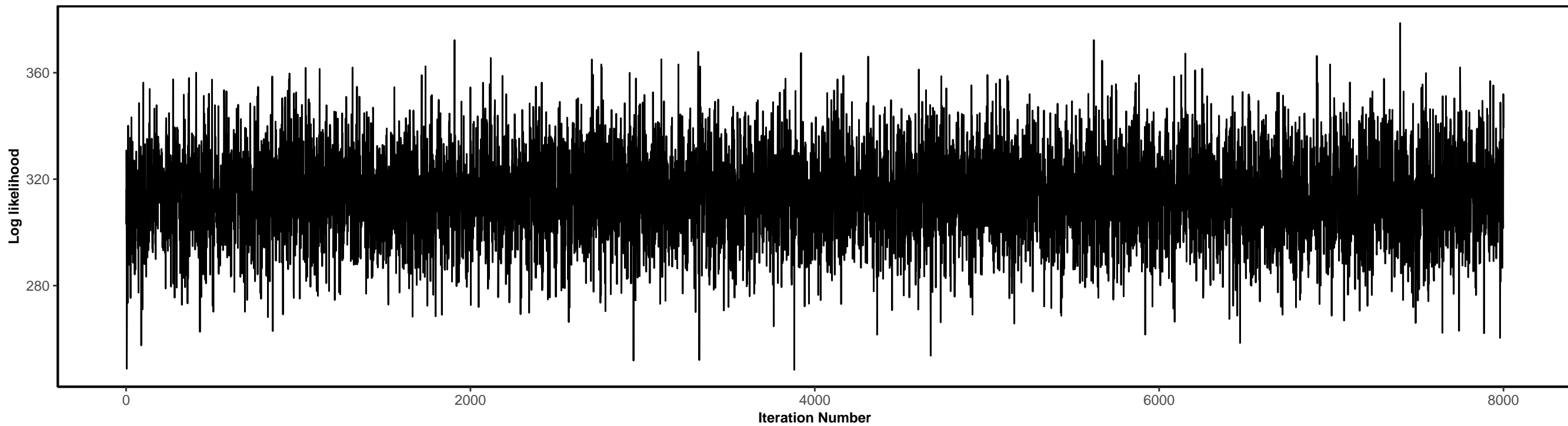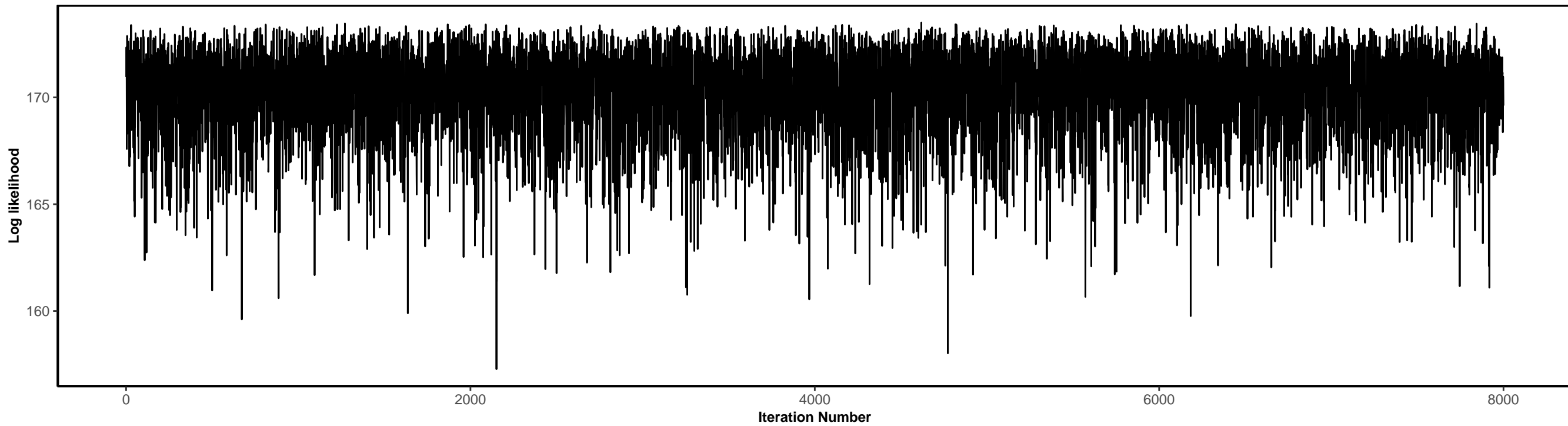# Log–likelihood plot spatial and non–spatial regression

Trace of Log–likelihood from point–level spatial model
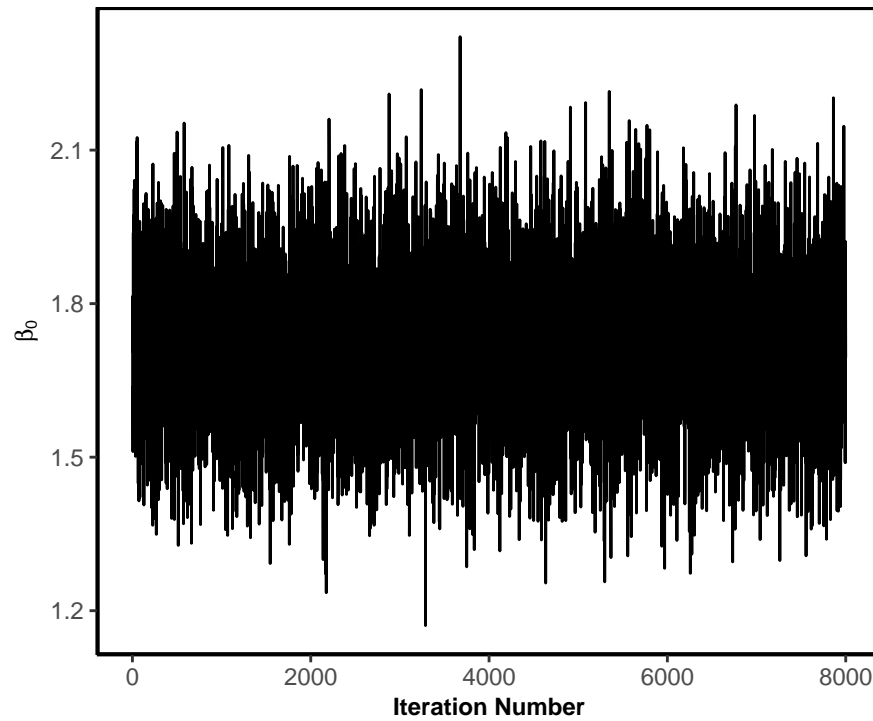

Trace of Log–likelihood from non–spatial regression
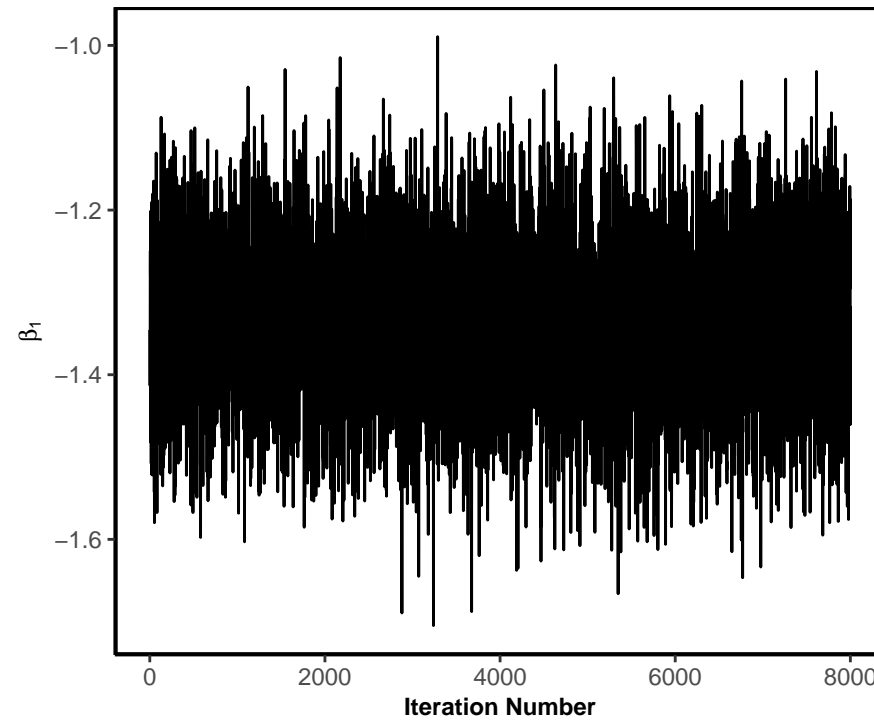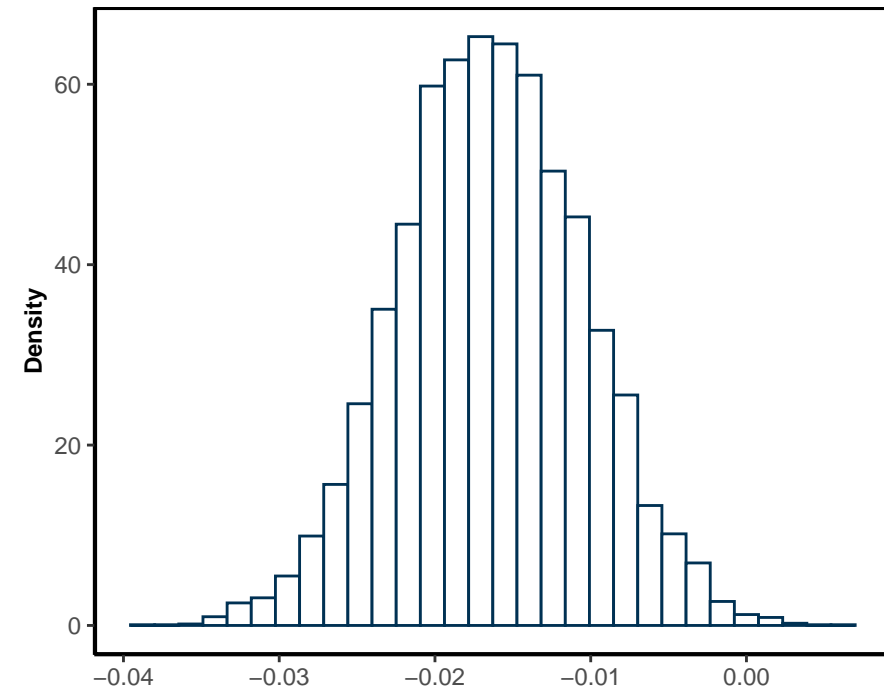
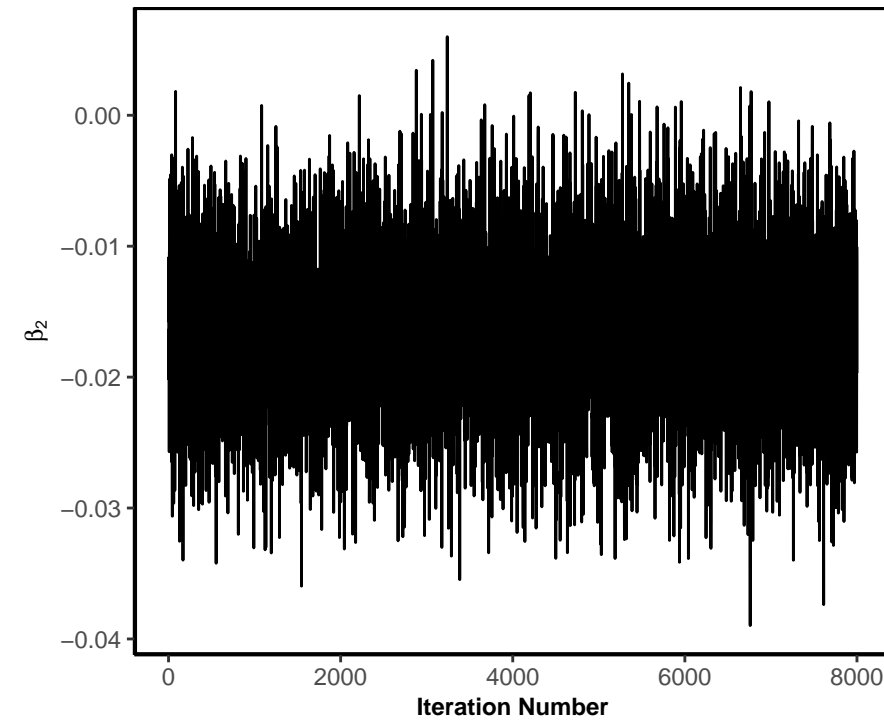**Trace plot of parameters from spatial point level regression**
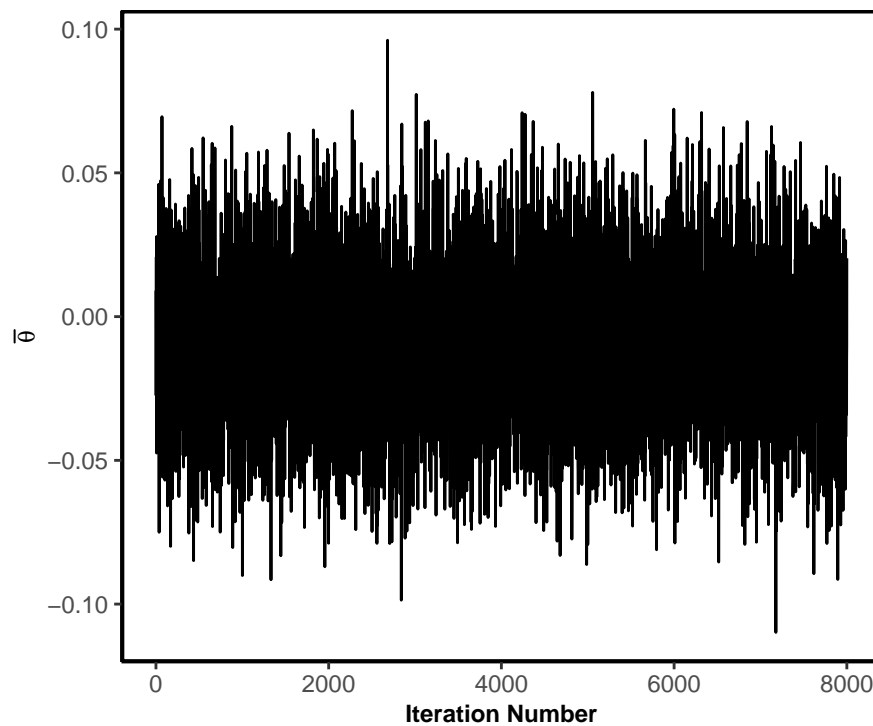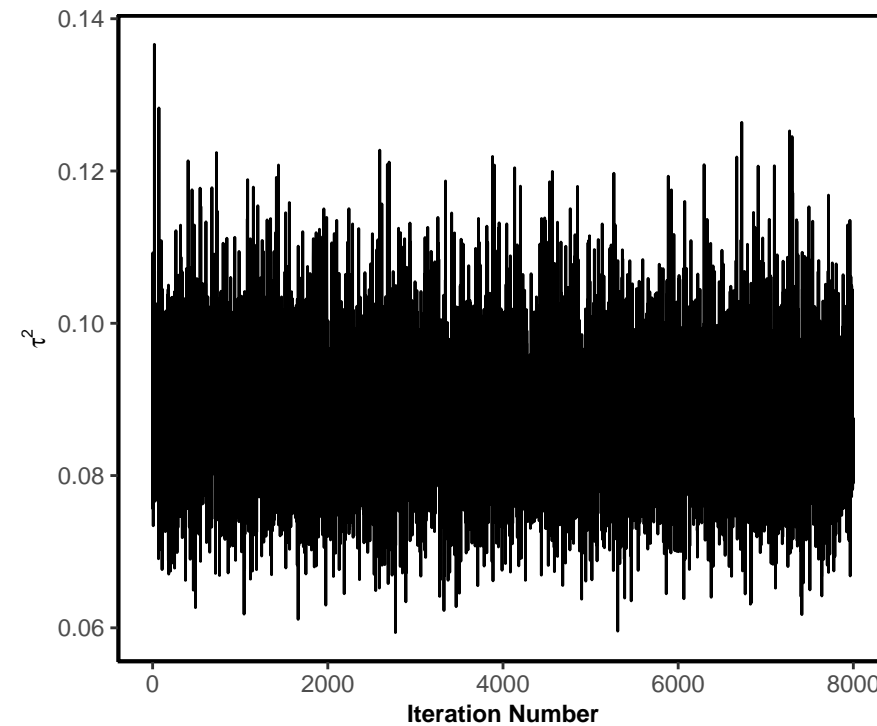
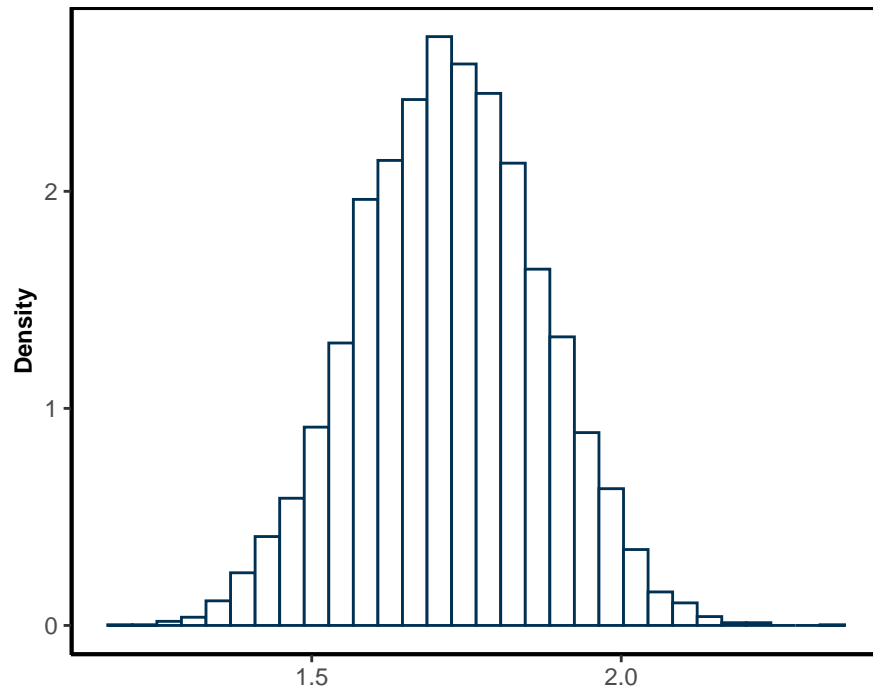Trace plot of parameters from spatial point level regression

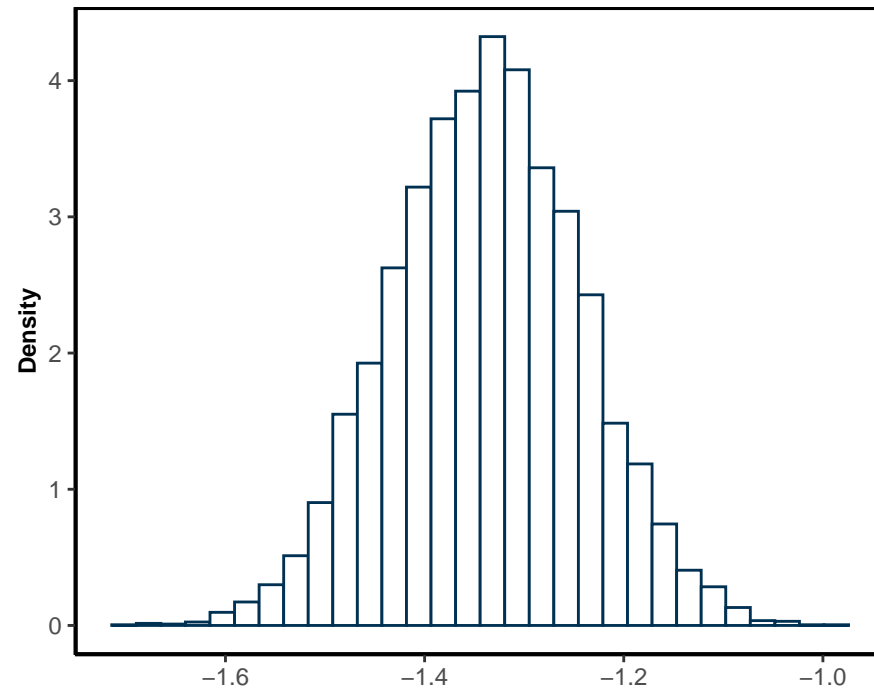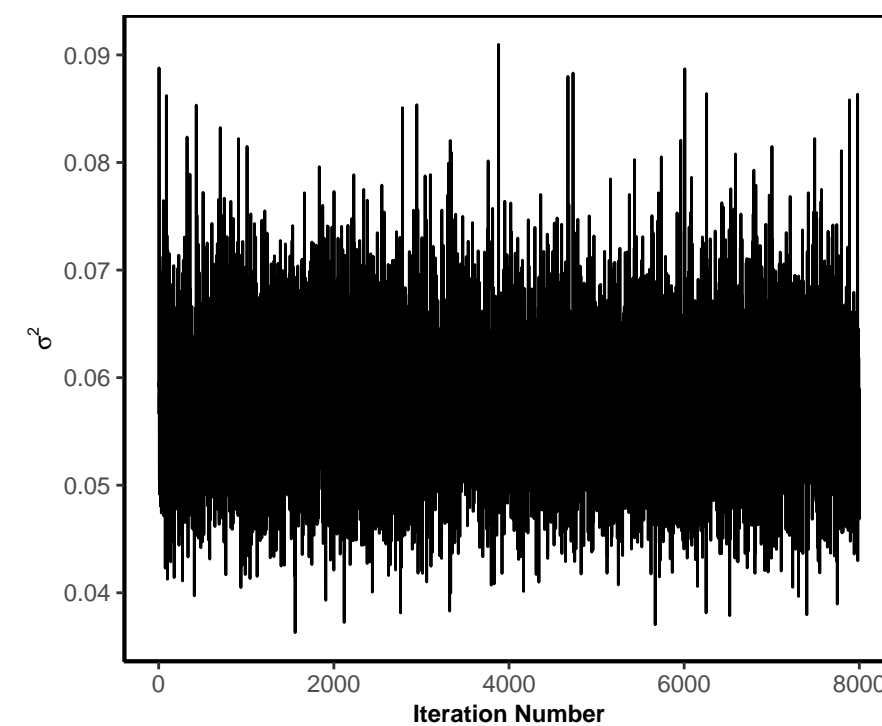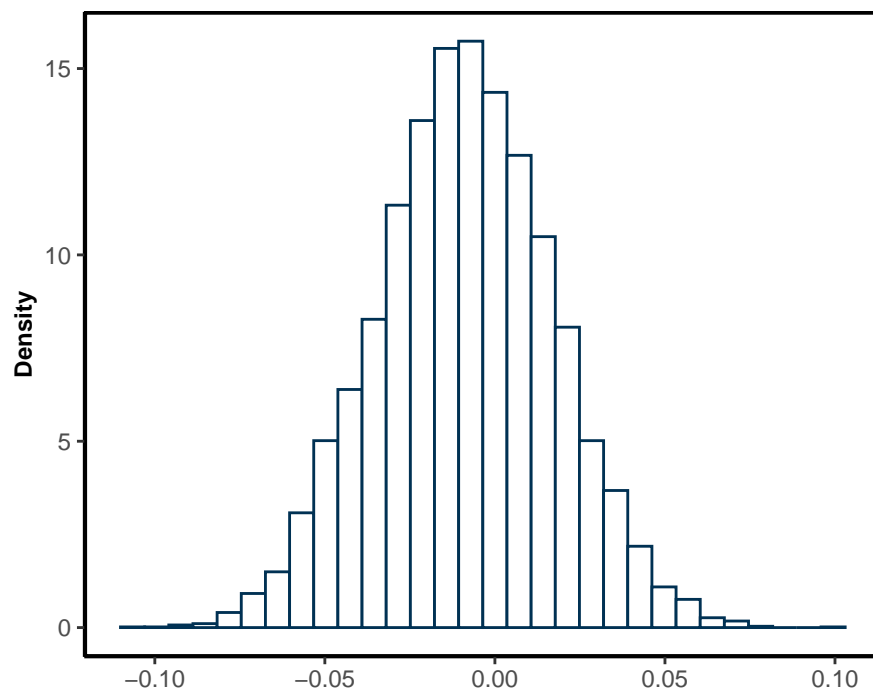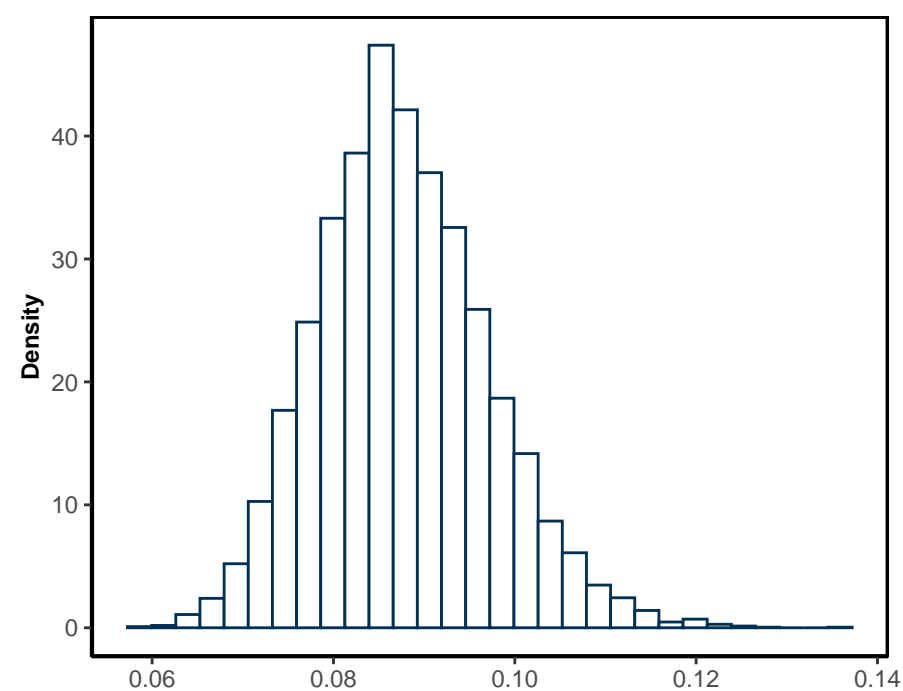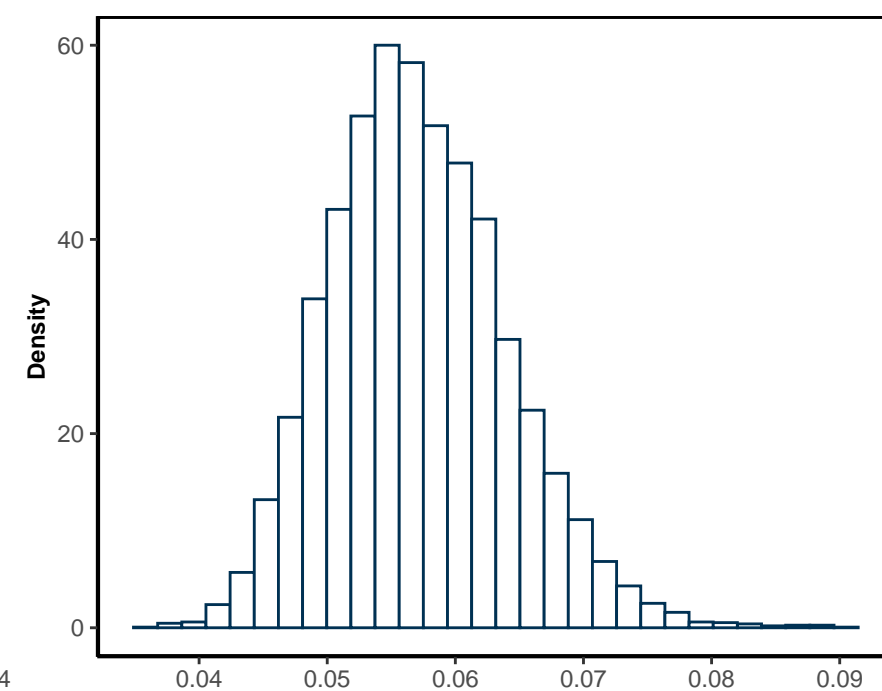**Trace plot of parameters from non-spatial regression**

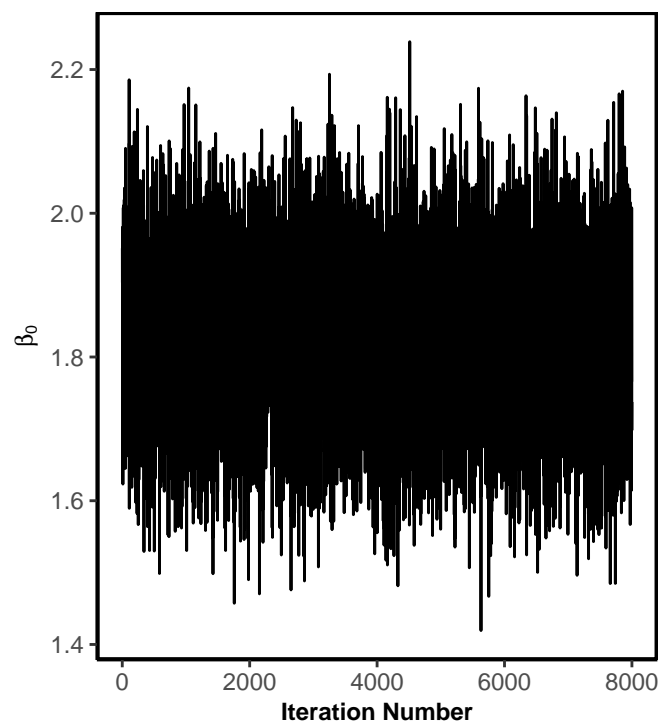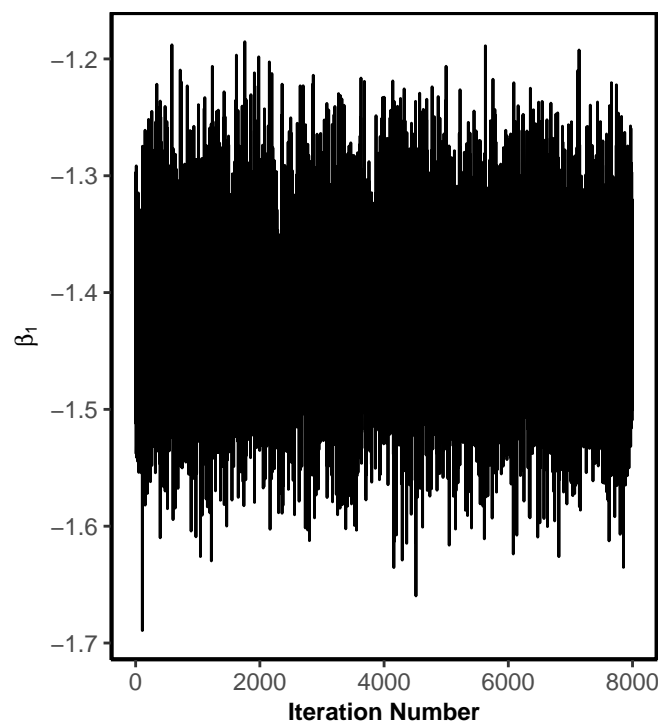Trace of Non-spatial β_0 — Trace of Non-spatial β_1 — Trace of Non-spatial β_2 — Trace of Non-spatial σ^2
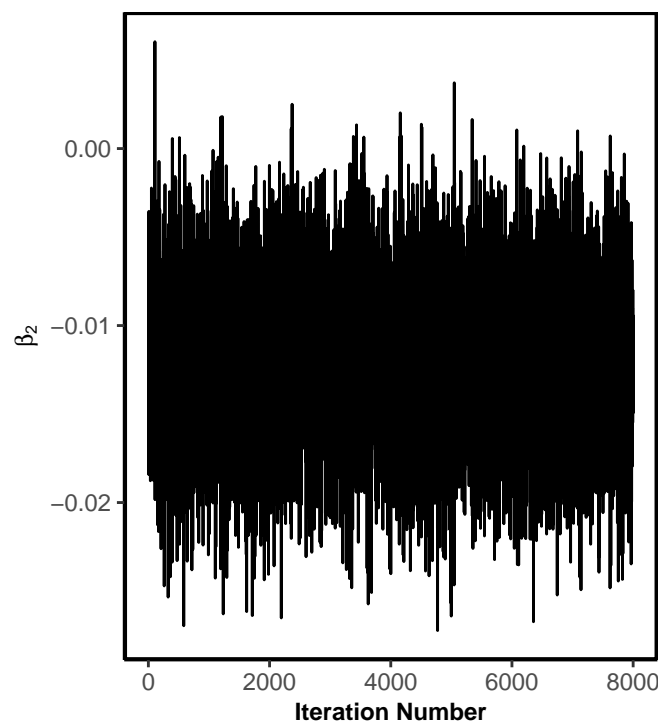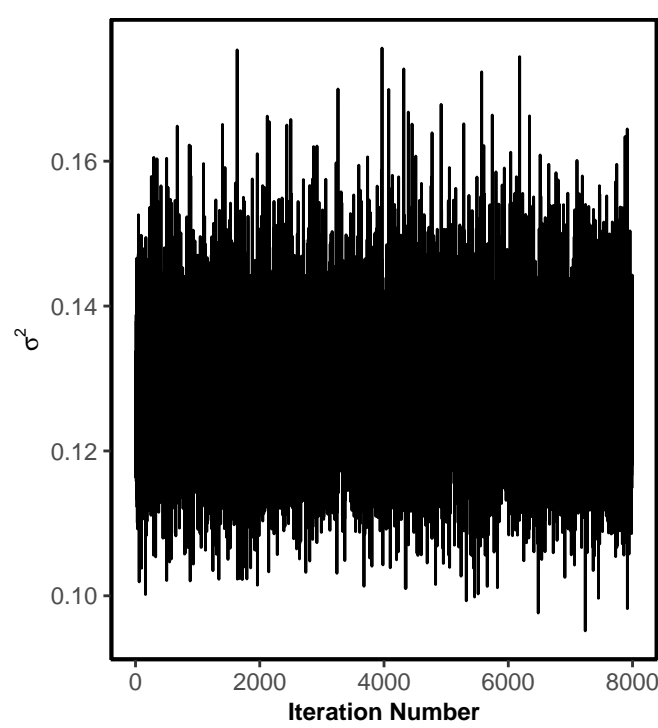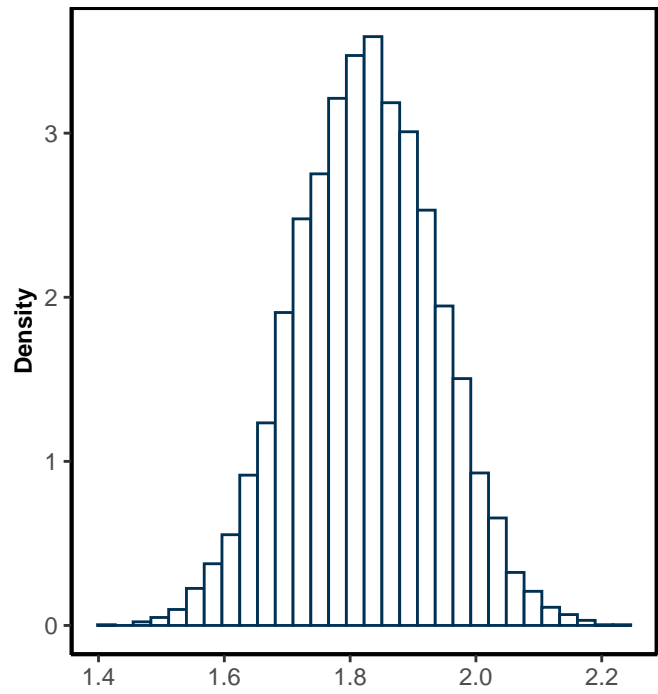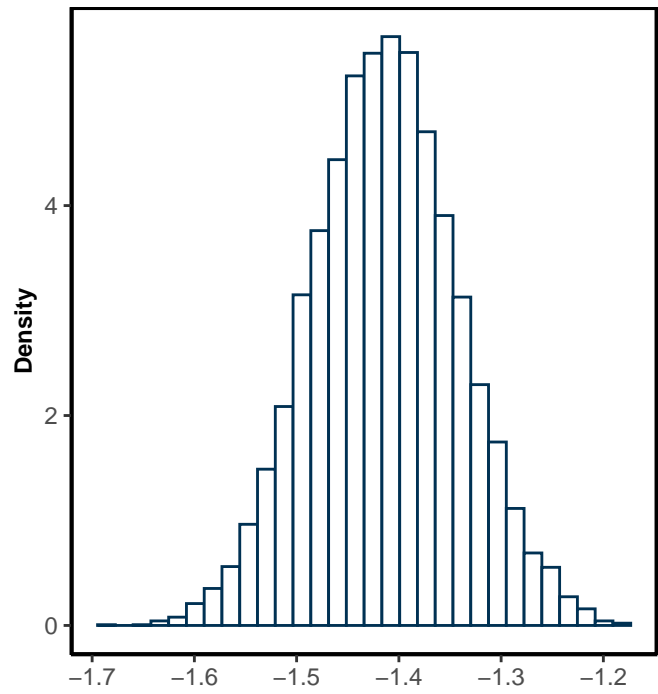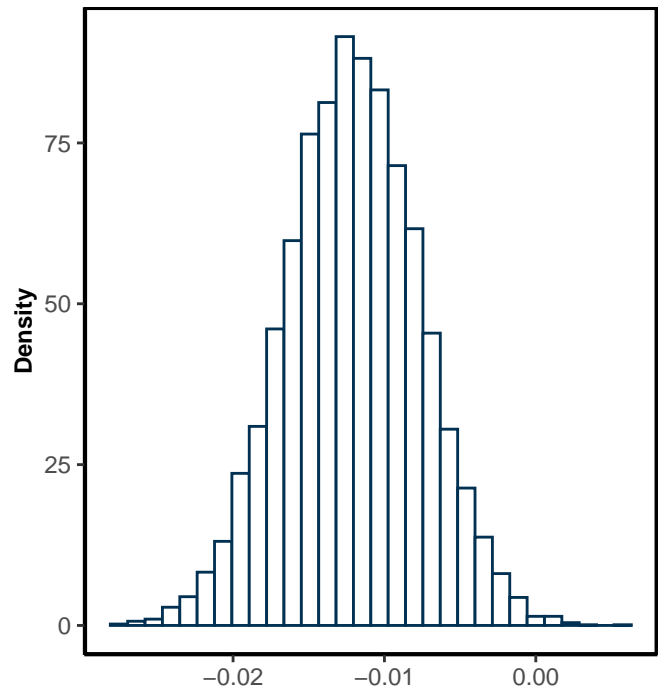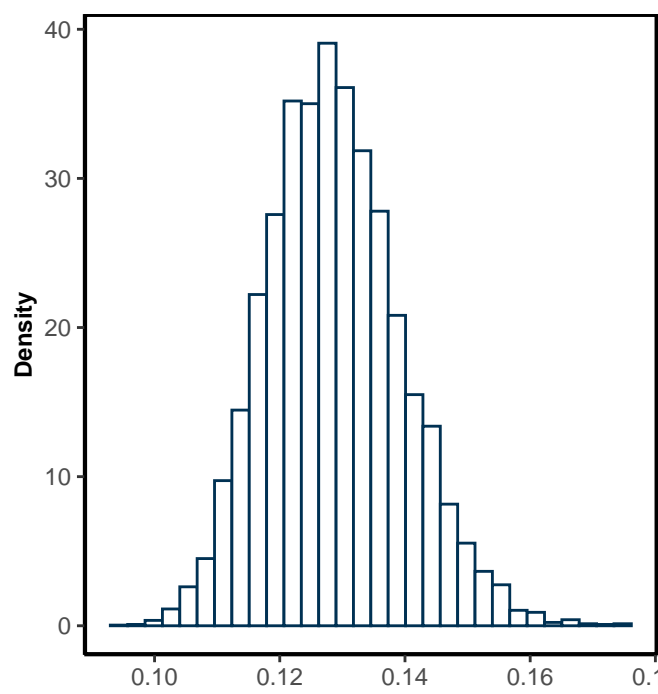
Density of β_0 — Density of β_1 — Density of β_2 — Density of σ^2

Distribtuion of prediction(with true response) using spatial and non-spatial regression (median and 90% credible interval)

Non-spatial regression   Spatial regression