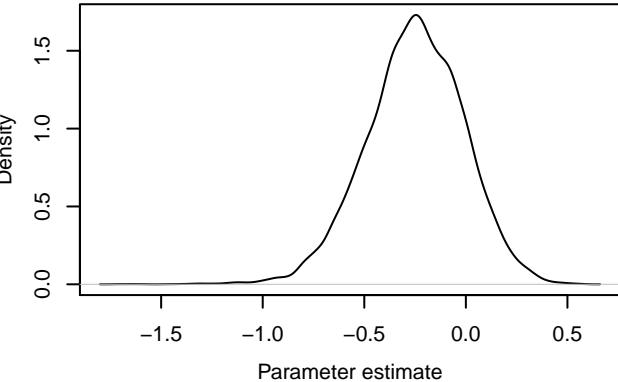
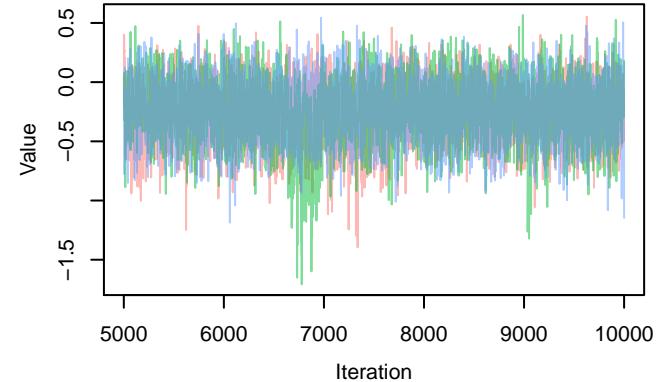
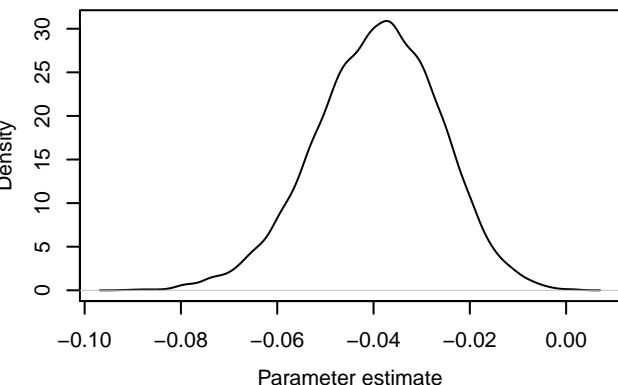
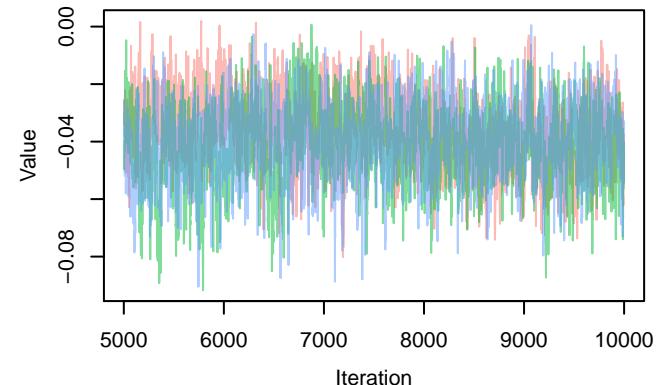


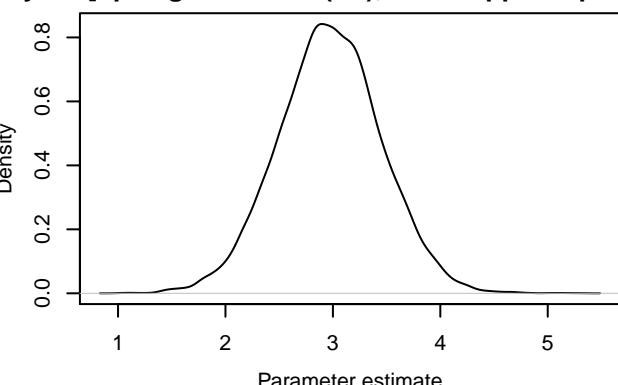
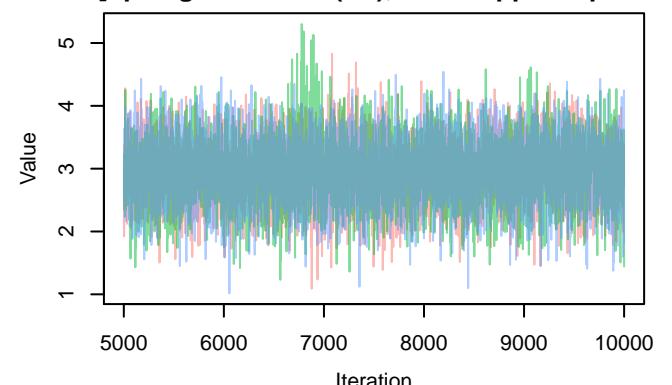
Trace – $B[(\text{Intercept}) (\text{C1}), \text{Chorthippus_apricarius}]$ (Density – $B[(\text{Intercept}) (\text{C1}), \text{Chorthippus_apricarius}]$



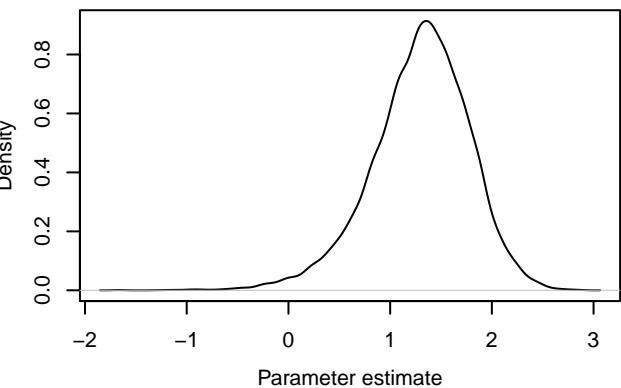
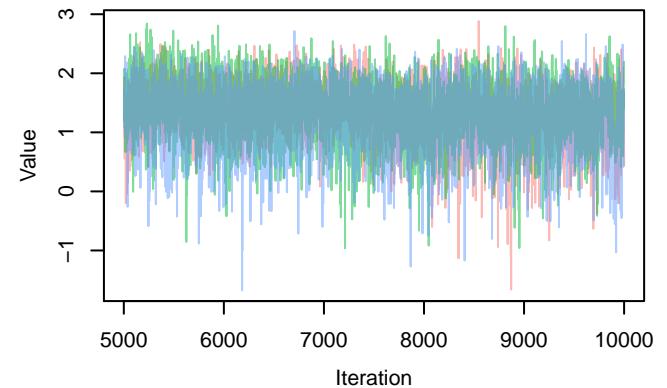
Trace – $B[\text{imperv.}100\text{m} (\text{C2}), \text{Chorthippus_apricarius}]$ Density – $B[\text{imperv.}100\text{m} (\text{C2}), \text{Chorthippus_apricarius}]$



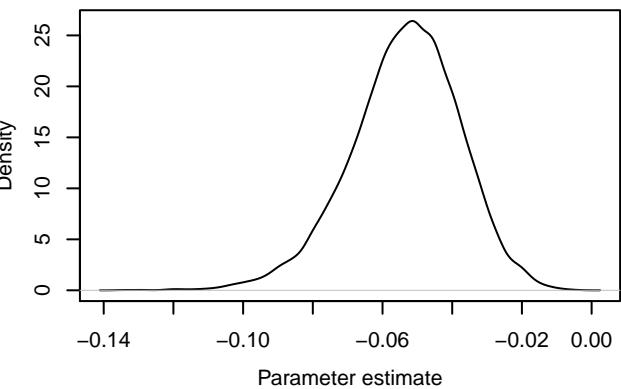
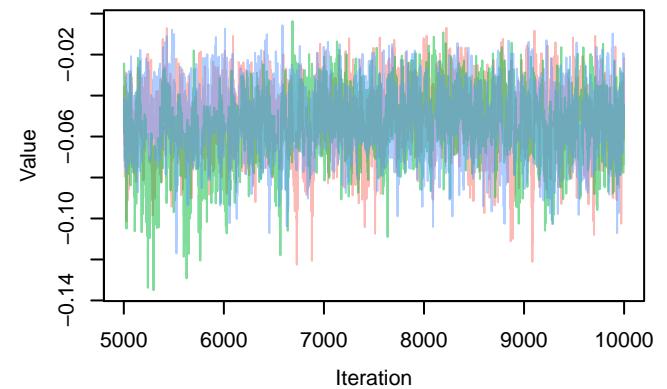
Trace – $B[\text{open.green.}500\text{m} (\text{C3}), \text{Chorthippus_apricarius}]$ Density – $B[\text{open.green.}500\text{m} (\text{C3}), \text{Chorthippus_apricarius}]$



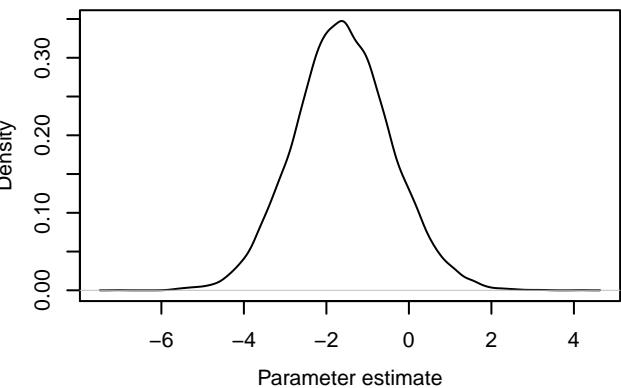
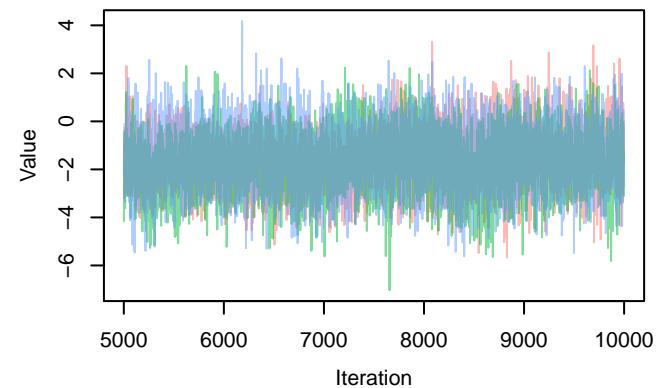
Trace – $B[(\text{Intercept}) (\text{C1}), \text{Chorthippus_biguttulus} (\text{ Density}) - B[(\text{Intercept}) (\text{C1}), \text{Chorthippus_biguttulus}]$



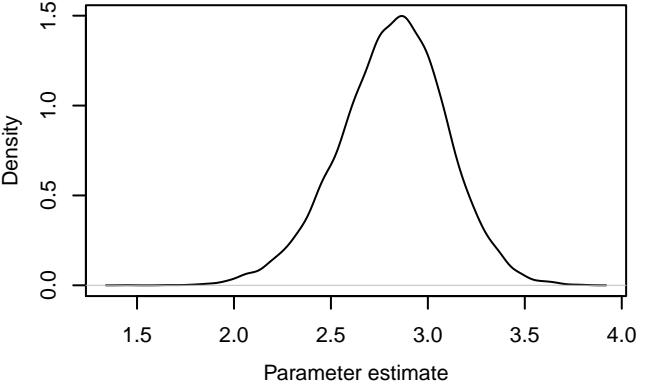
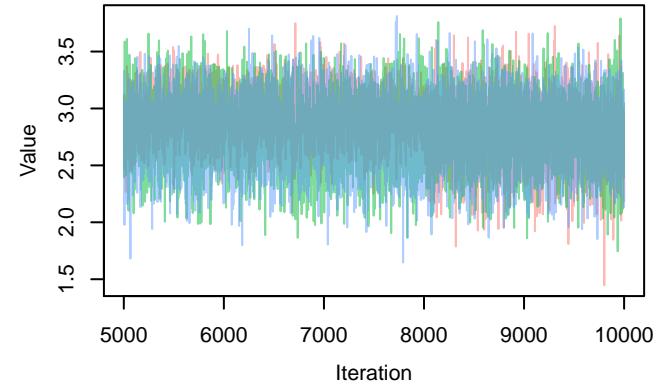
Trace – $B[\text{imperv.100m} (\text{C2}), \text{Chorthippus_biguttulus} (\text{Density}) - B[\text{imperv.100m} (\text{C2}), \text{Chorthippus_biguttulus}]$



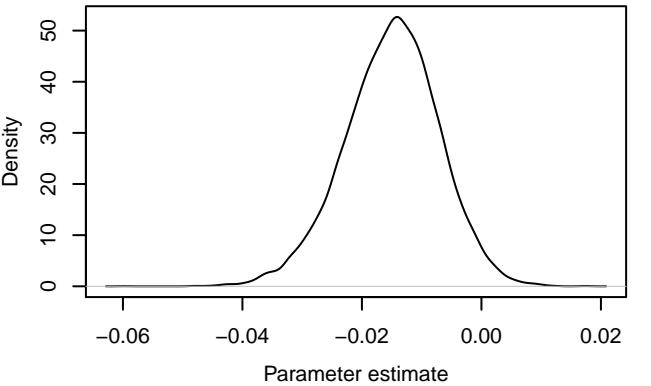
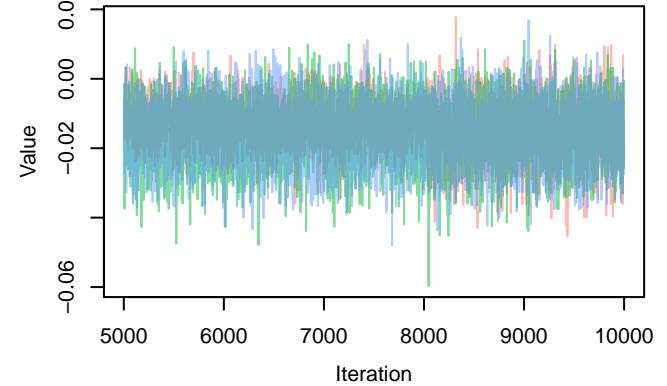
Trace – $B[\text{open.green.500m} (\text{C3}), \text{Chorthippus_biguttulus} (\text{lnsity}) - B[\text{open.green.500m} (\text{C3}), \text{Chorthippus_biguttulus}]$



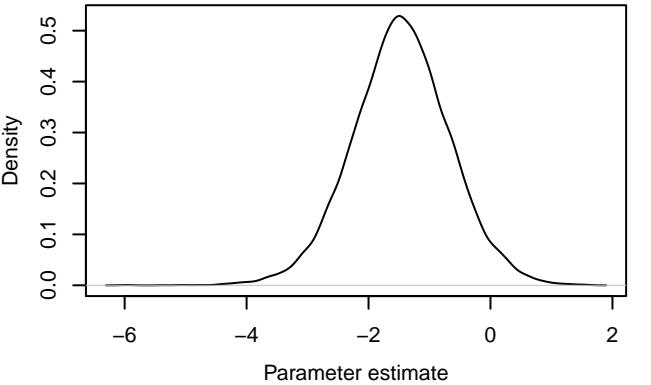
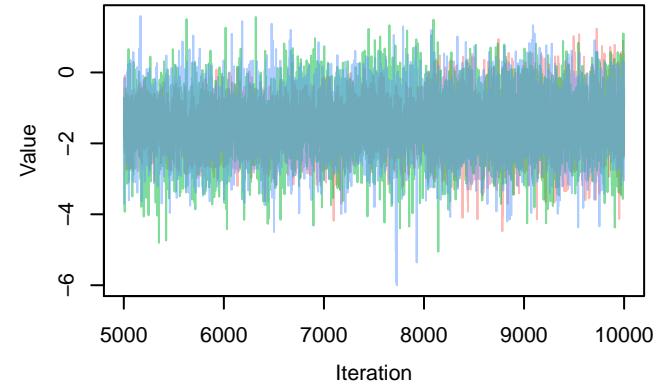
Trace – $B[(\text{Intercept}) \text{ (C1)}, \text{Chorthippus_brunneus}]$ (Density – $B[(\text{Intercept}) \text{ (C1)}, \text{Chorthippus_brunneus}]$

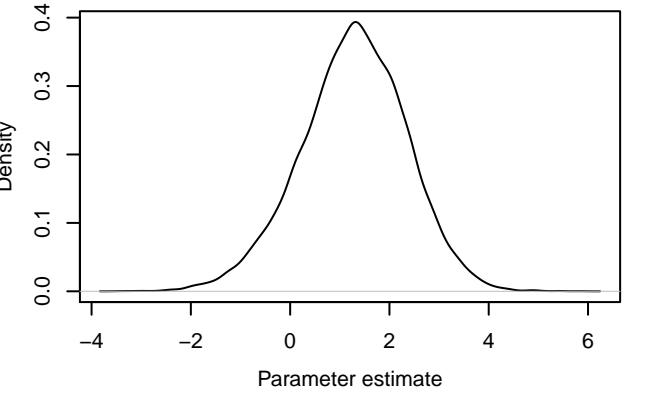
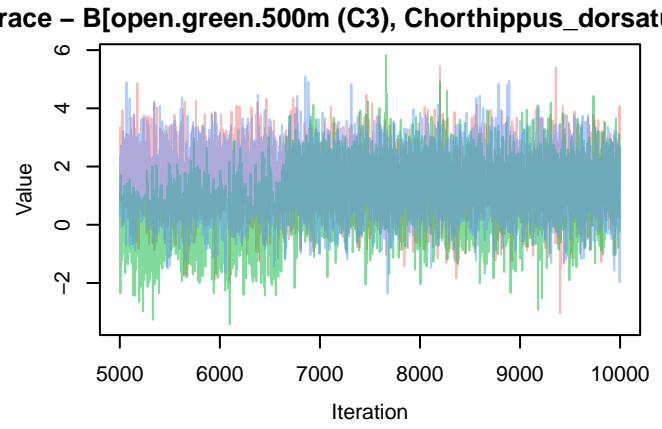
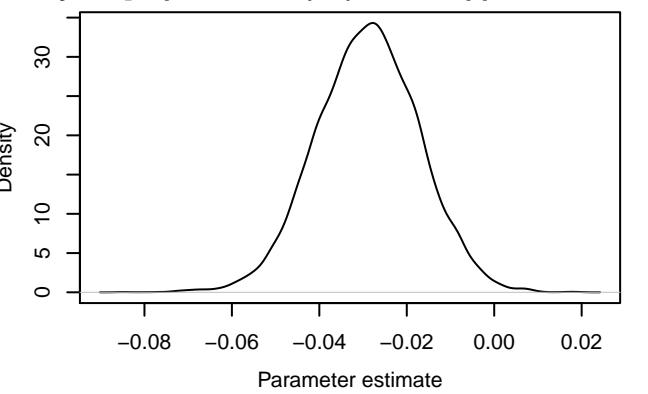
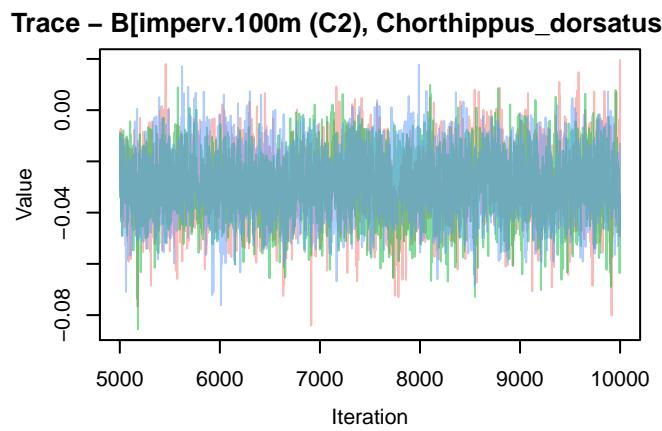
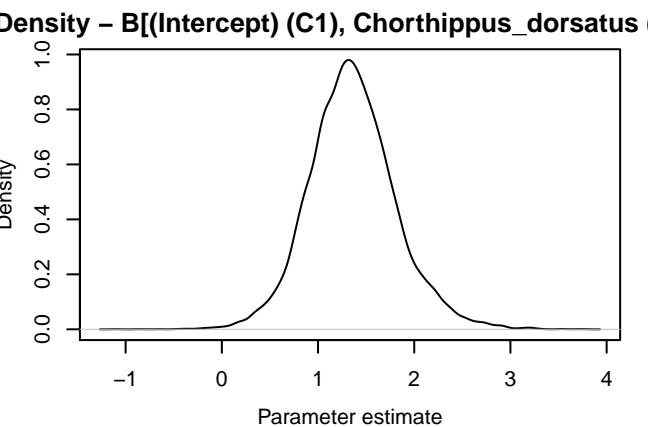
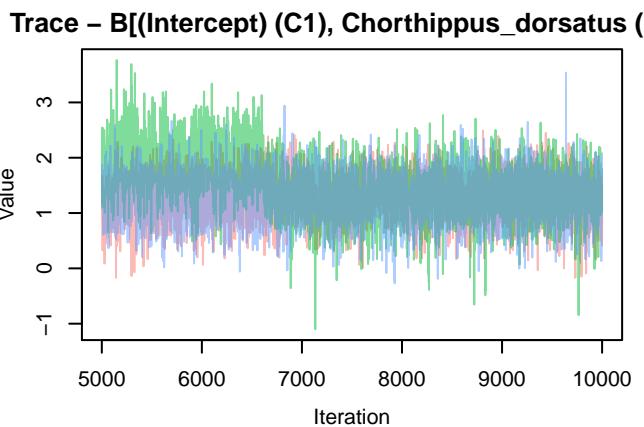


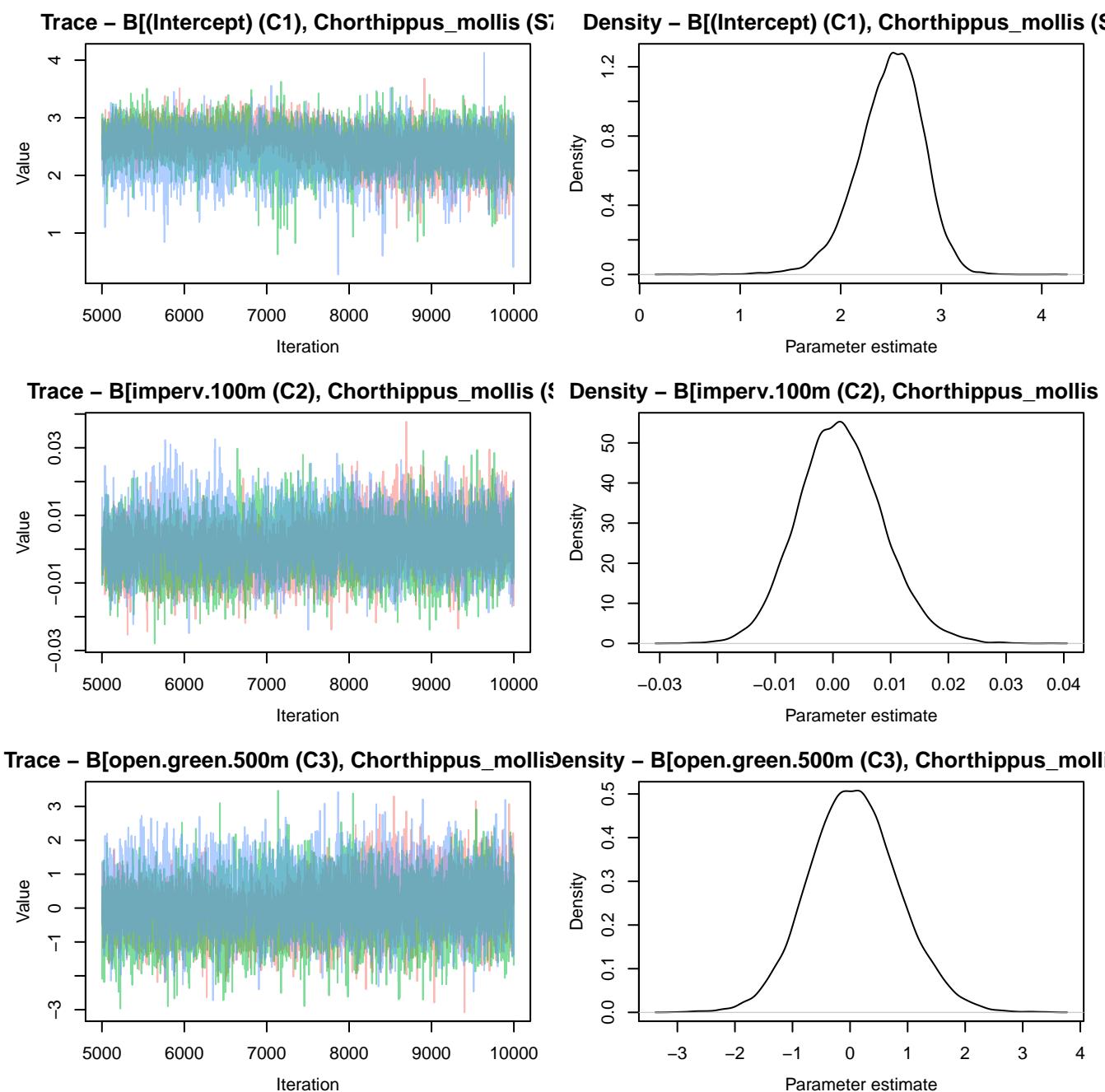
Trace – $B[\text{imperv.100m} \text{ (C2)}, \text{Chorthippus_brunneus}]$ (Density – $B[\text{imperv.100m} \text{ (C2)}, \text{Chorthippus_brunneus}]$

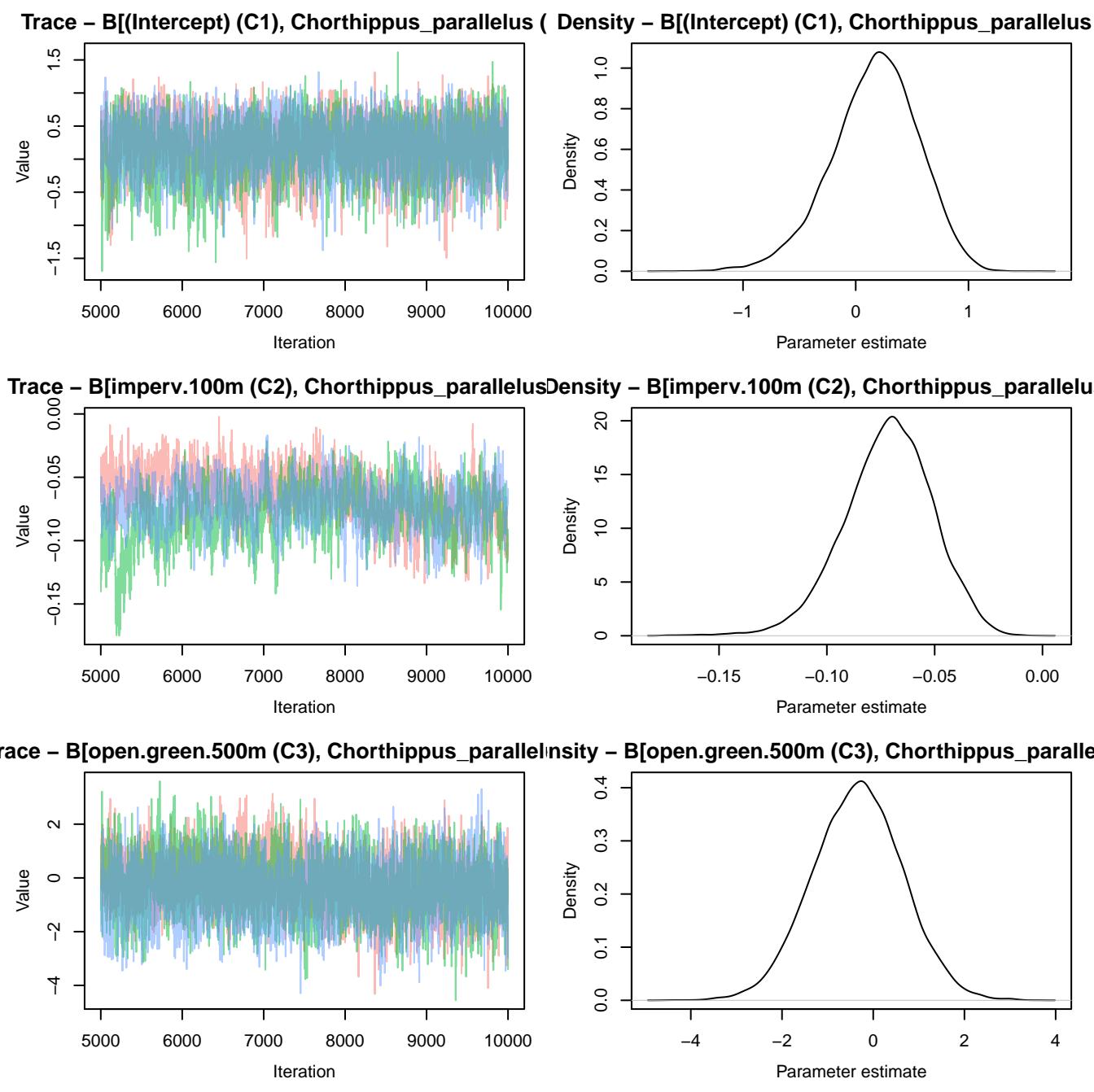


Trace – $B[\text{open.green.500m} \text{ (C3)}, \text{Chorthippus_brunneus}]$ (Density – $B[\text{open.green.500m} \text{ (C3)}, \text{Chorthippus_brunneus}]$

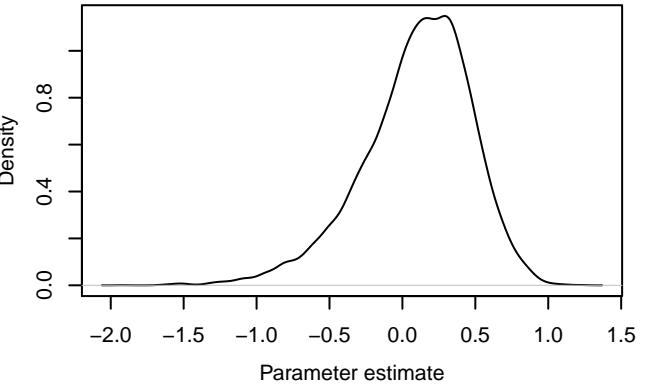
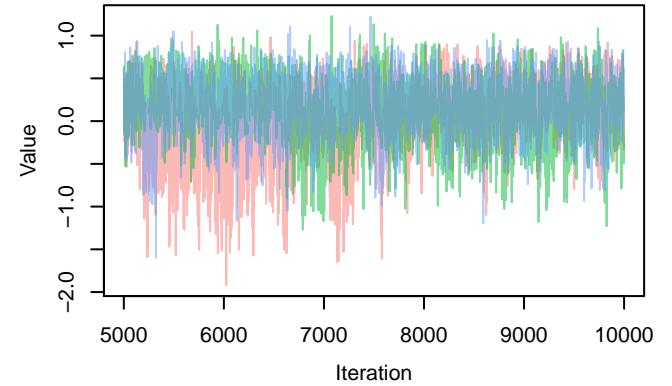




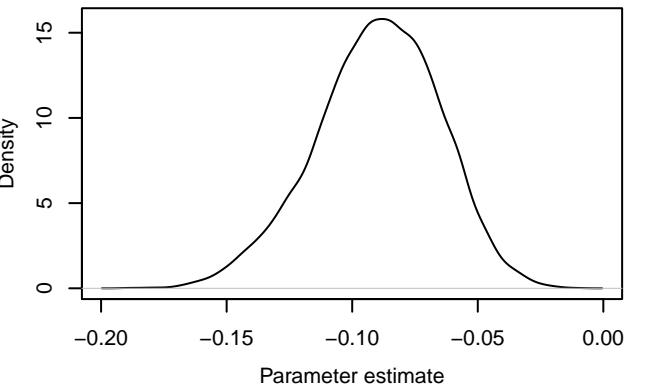
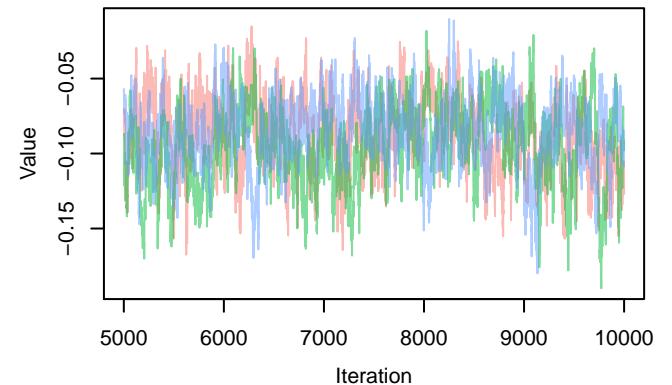




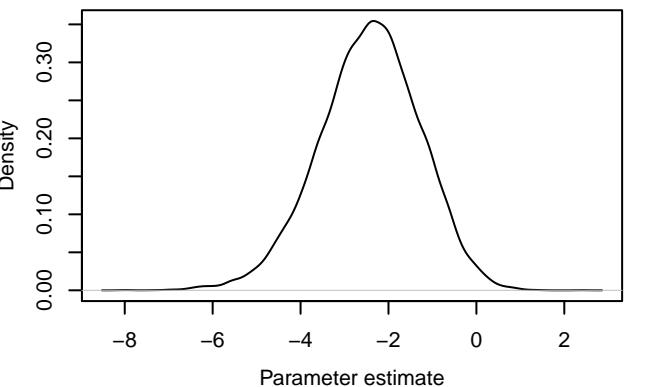
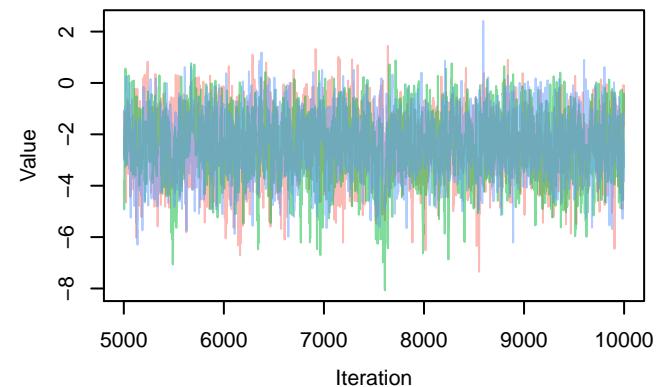
Trace – $B[(\text{Intercept}) (\text{C1}), \text{Conocephalus_discolor}]$ (Density – $B[(\text{Intercept}) (\text{C1}), \text{Conocephalus_discolor}]$

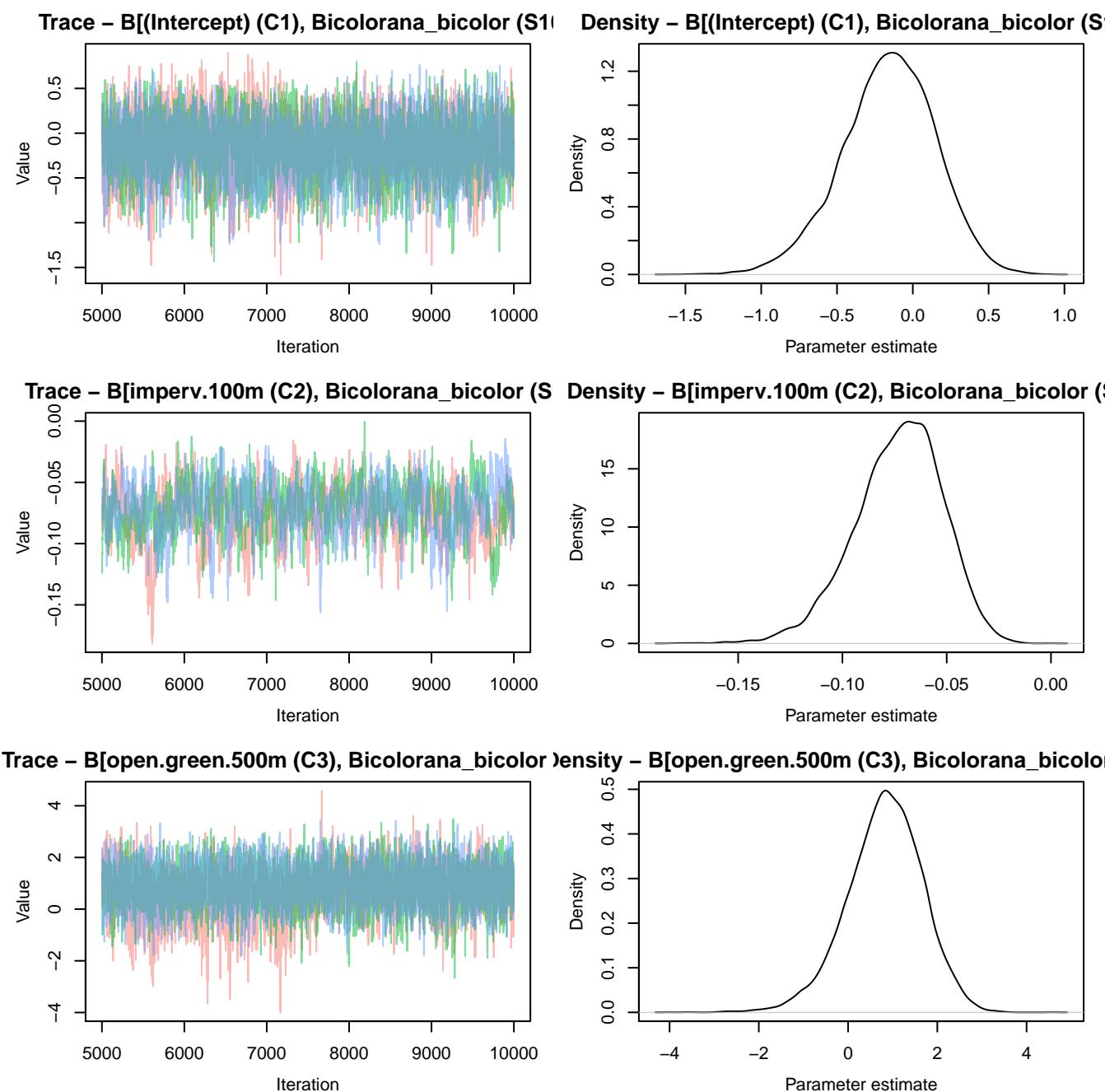


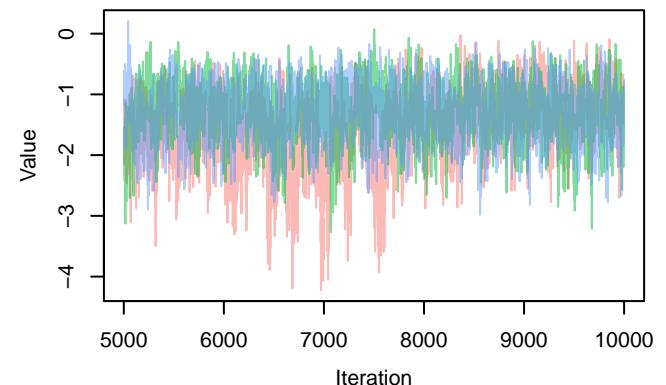
Trace – $B[\text{imperv.}100\text{m} (\text{C2}), \text{Conocephalus_discolor}]$ Density – $B[\text{imperv.}100\text{m} (\text{C2}), \text{Conocephalus_discolor}]$



Trace – $B[\text{open.green.}500\text{m} (\text{C3}), \text{Conocephalus_discolor}]$ Density – $B[\text{open.green.}500\text{m} (\text{C3}), \text{Conocephalus_discolor}]$





Trace – $B[(\text{Intercept}) \text{ (C1)}, \text{Roeseliana_roeselii} \text{ (S1)}$ Density – $B[(\text{Intercept}) \text{ (C1)}, \text{Roeseliana_roeselii} \text{ (S1)}$

This density plot shows the posterior distribution of the intercept parameter. The x-axis is labeled "Parameter estimate" and ranges from -4 to 0. The y-axis is labeled "Density" and ranges from 0.0 to 0.8. The distribution is approximately centered at -1.5, with a peak density of about 0.8.

Trace – $B[\text{imperv.100m} \text{ (C2)}, \text{Roeseliana_roeselii} \text{ (S1)}$

This trace plot shows the posterior distribution of the parameter B[imperv.100m (C2), Roeseliana_roeselii (S1)] over 10,000 iterations. The x-axis is labeled "Iteration" and ranges from 5000 to 10000. The y-axis is labeled "Value" and ranges from -0.15 to 0.00. The distribution is centered around -0.05.

Density – $B[\text{imperv.100m} \text{ (C2)}, \text{Roeseliana_roeselii} \text{ (S1)}$

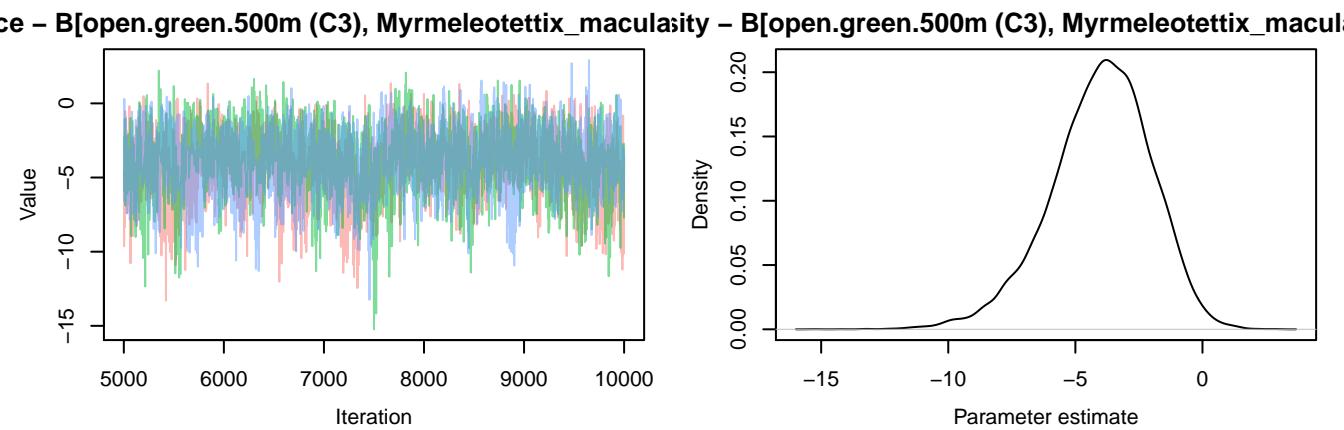
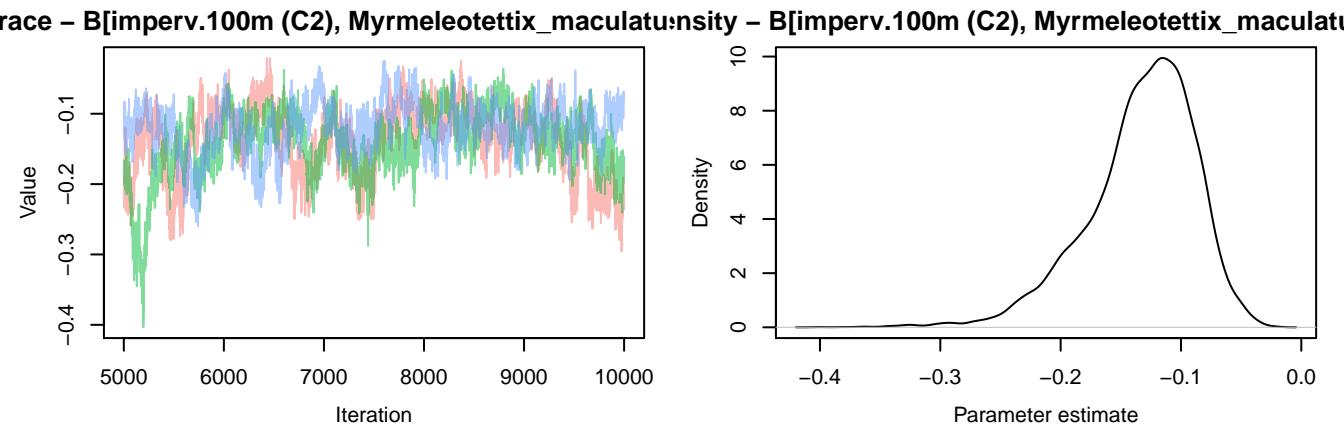
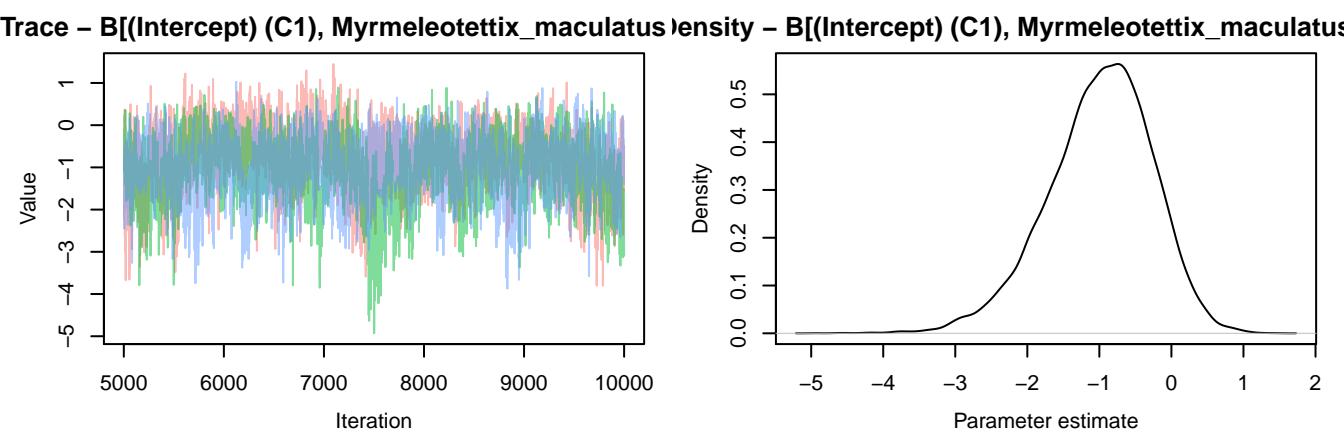
This density plot shows the posterior distribution of the parameter B[imperv.100m (C2), Roeseliana_roeselii (S1)]. The x-axis is labeled "Parameter estimate" and ranges from -0.15 to 0.00. The y-axis is labeled "Density" and ranges from 0 to 15. The distribution is centered around -0.05, with a peak density of about 15.

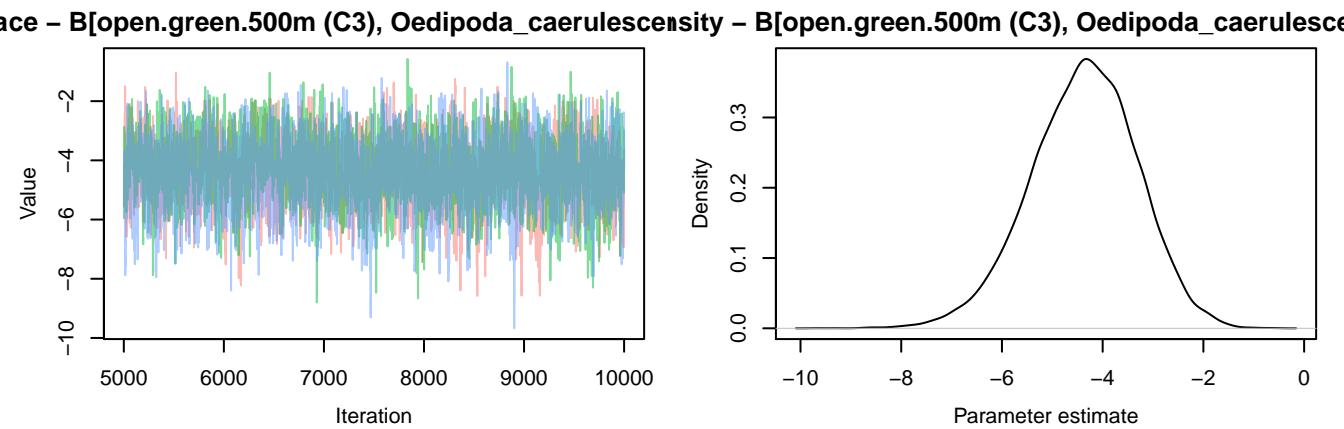
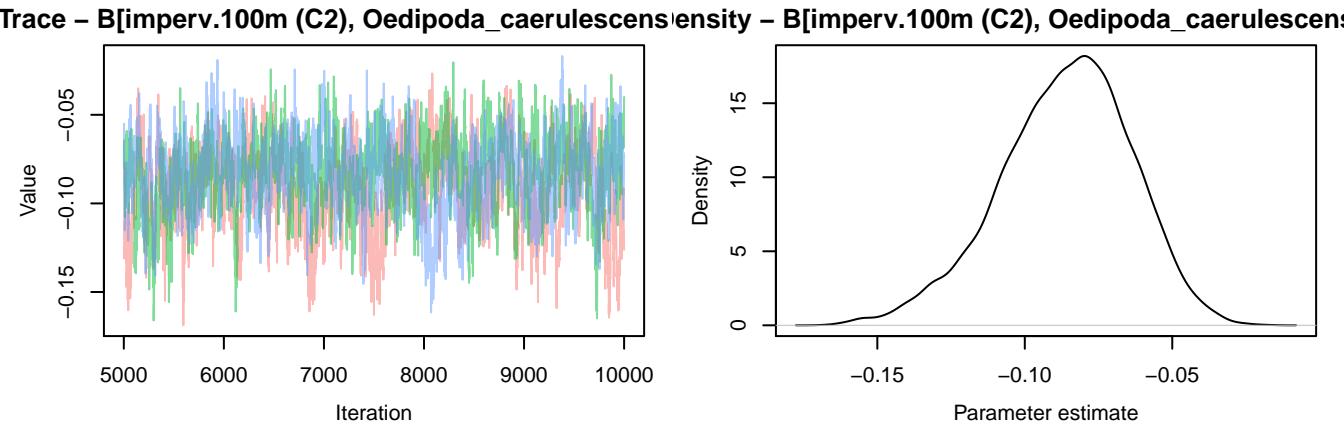
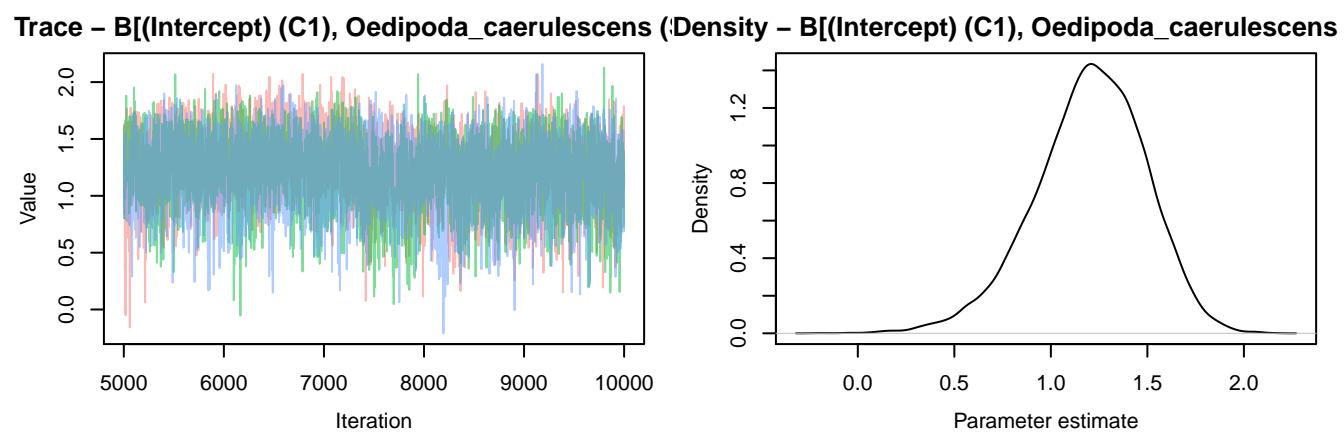
Trace – $B[\text{open.green.500m} \text{ (C3)}, \text{Roeseliana_roeselii} \text{ (S1)}$

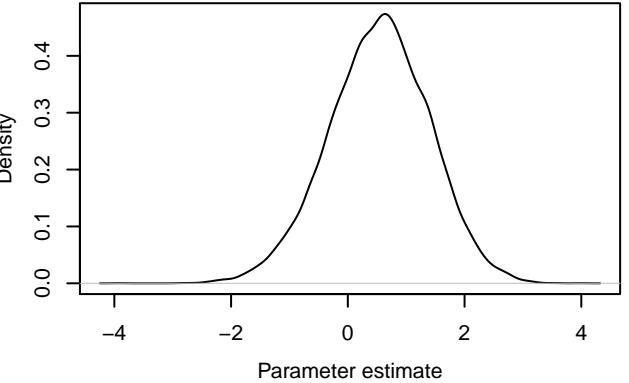
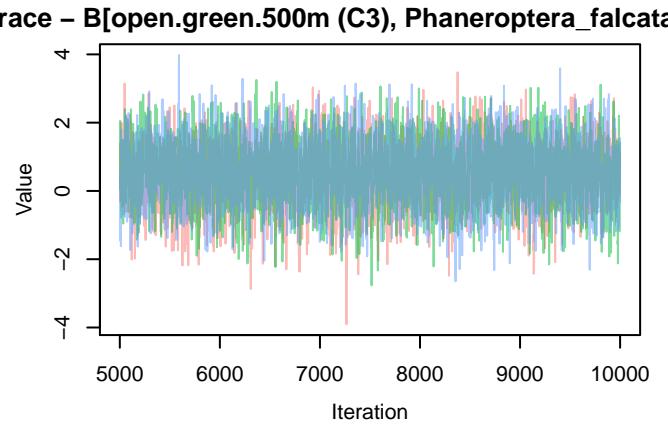
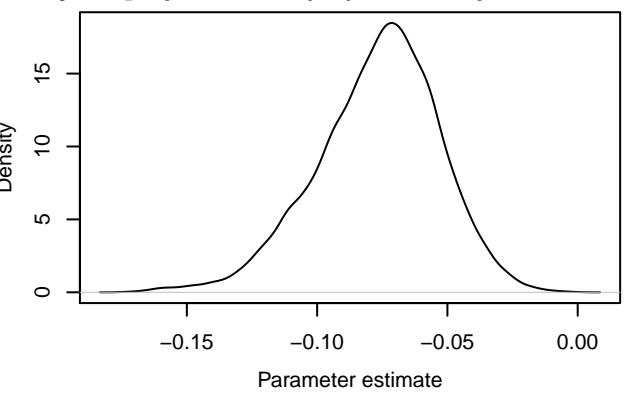
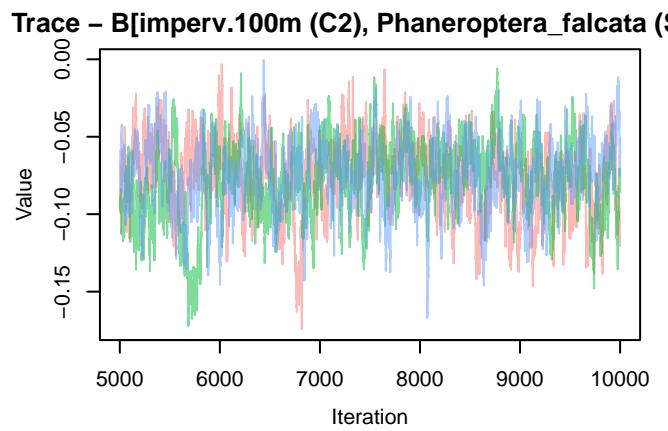
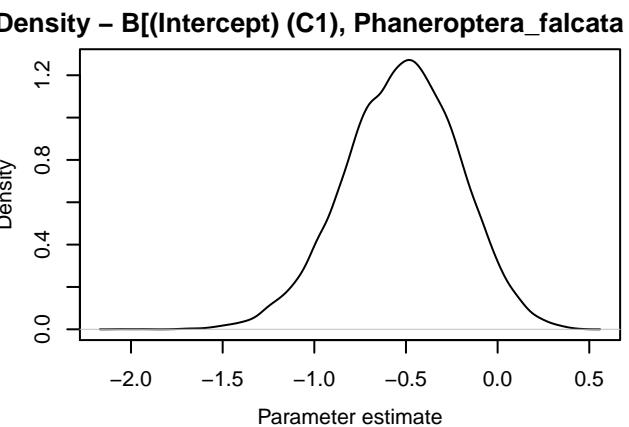
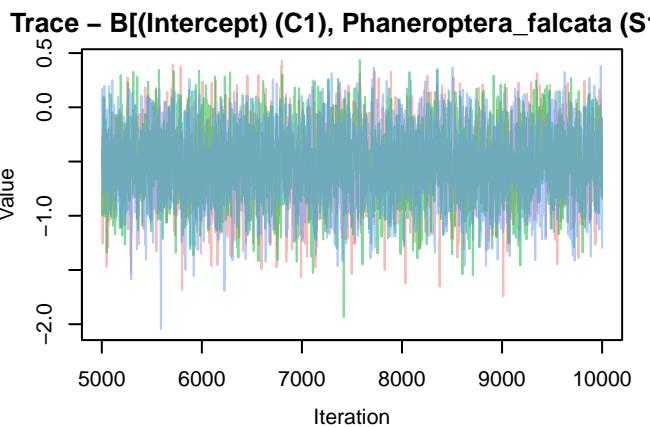
This trace plot shows the posterior distribution of the parameter B[open.green.500m (C3), Roeseliana_roeselii (S1)] over 10,000 iterations. The x-axis is labeled "Iteration" and ranges from 5000 to 10000. The y-axis is labeled "Value" and ranges from -2 to 6. The distribution is centered around 3.

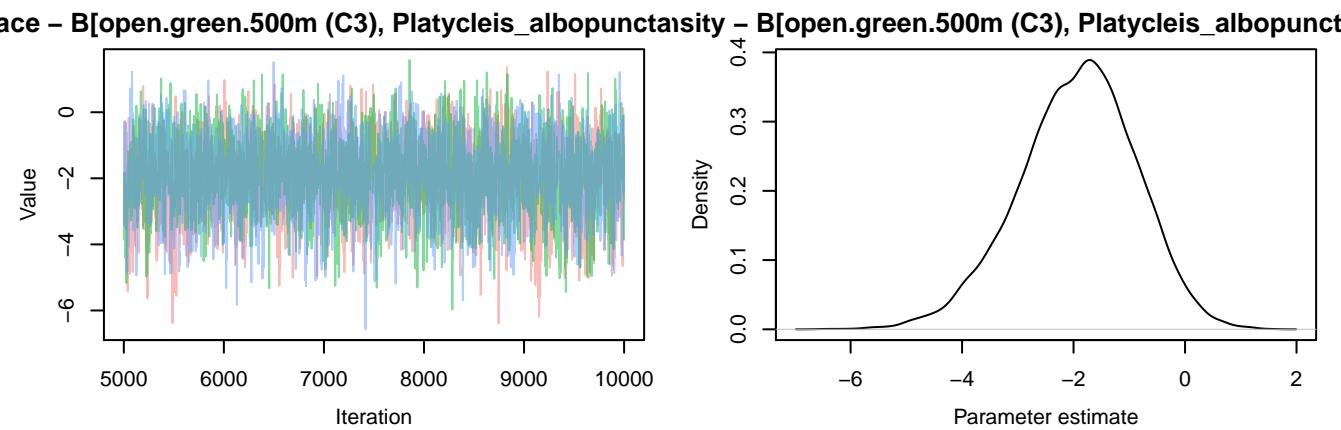
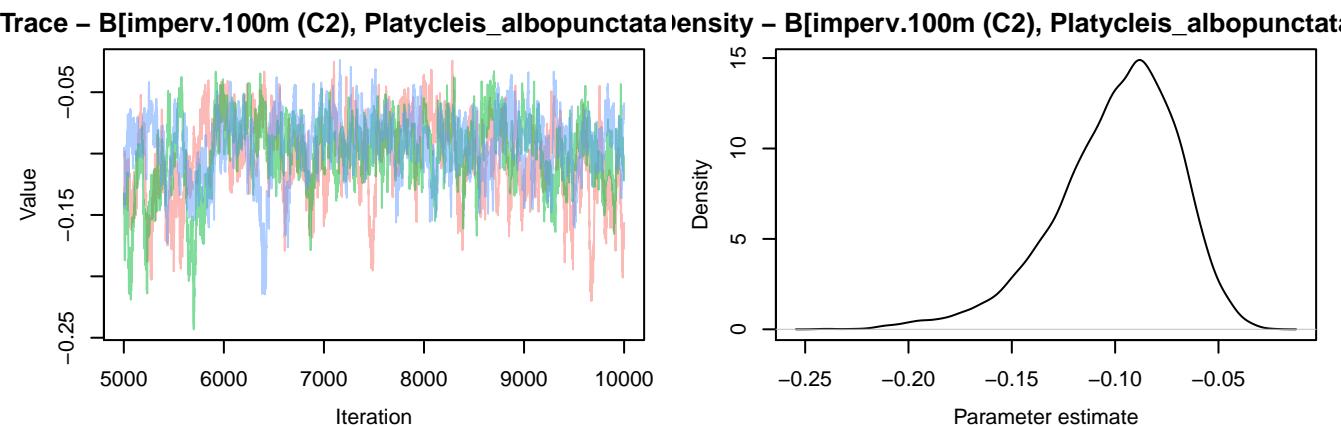
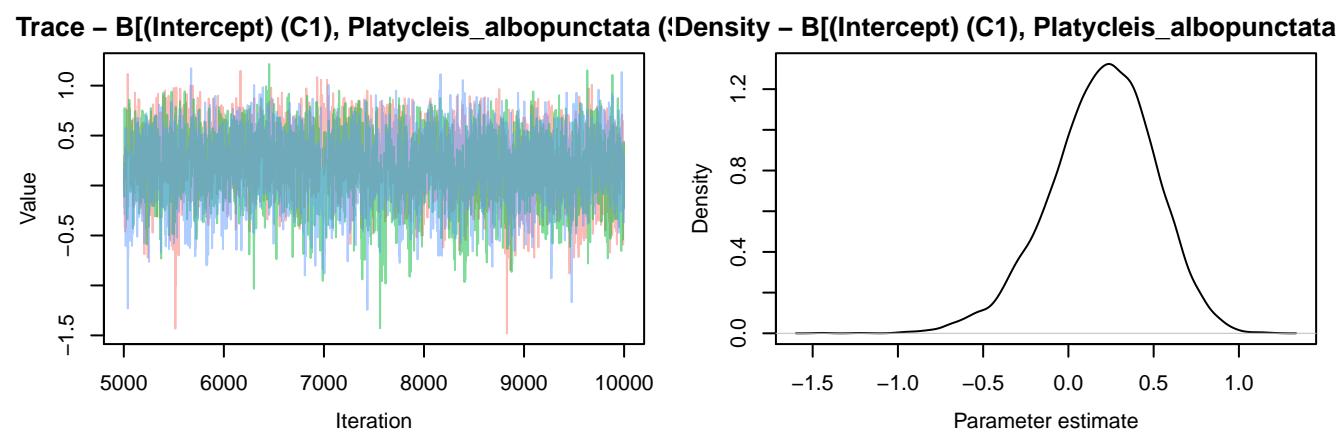
Density – $B[\text{open.green.500m} \text{ (C3)}, \text{Roeseliana_roeselii} \text{ (S1)}$

This density plot shows the posterior distribution of the parameter B[open.green.500m (C3), Roeseliana_roeselii (S1)]. The x-axis is labeled "Parameter estimate" and ranges from -2 to 6. The y-axis is labeled "Density" and ranges from 0.0 to 0.4. The distribution is centered around 3, with a peak density of about 0.4.

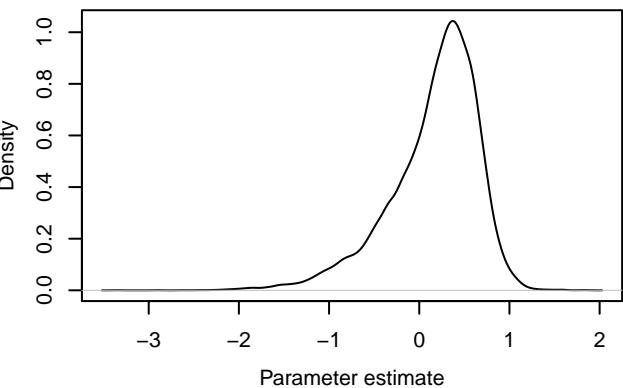
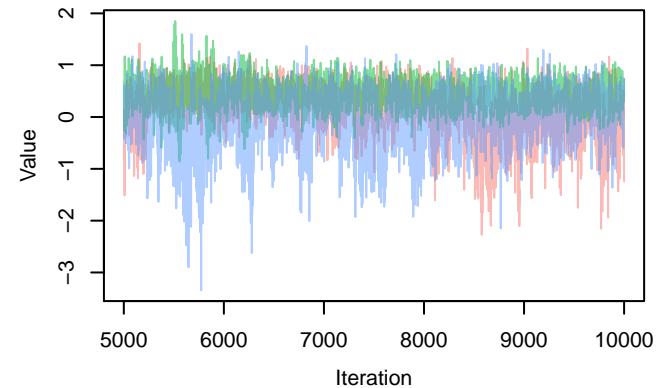




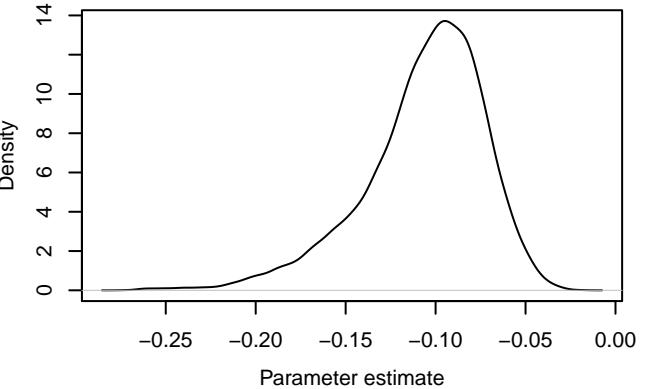
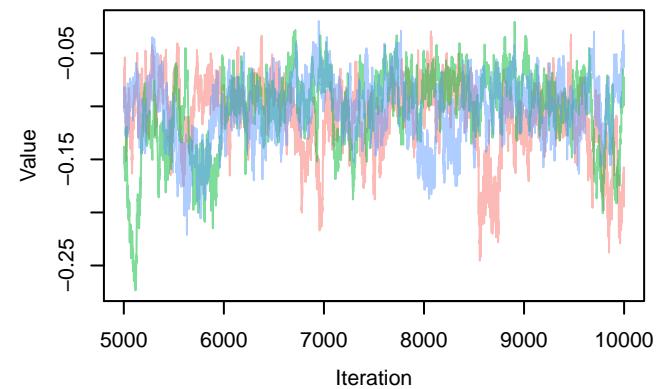




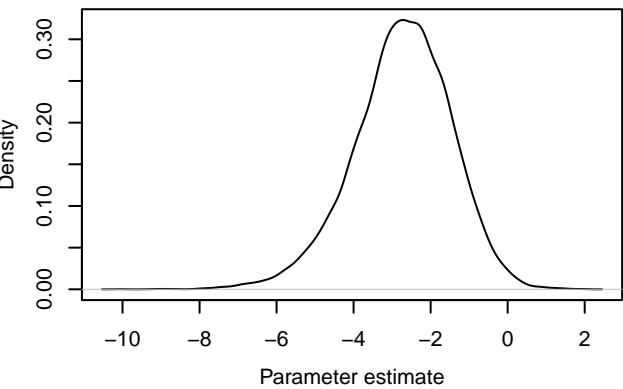
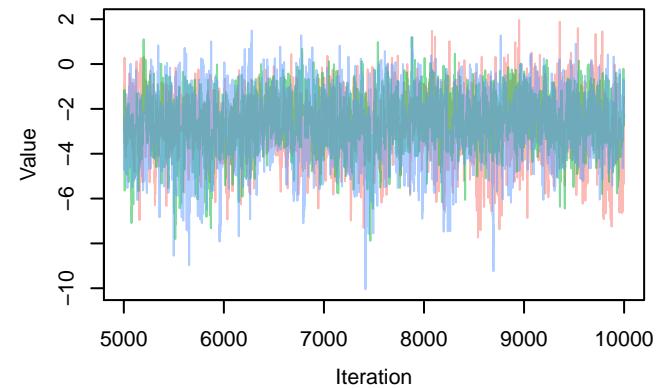
Trace – $B[(\text{Intercept}) (\text{C1}), \text{Stenobothrus_lineatus} (\text{S Density})]$ – $B[(\text{Intercept}) (\text{C1}), \text{Stenobothrus_lineatus} (\text{S Density})]$

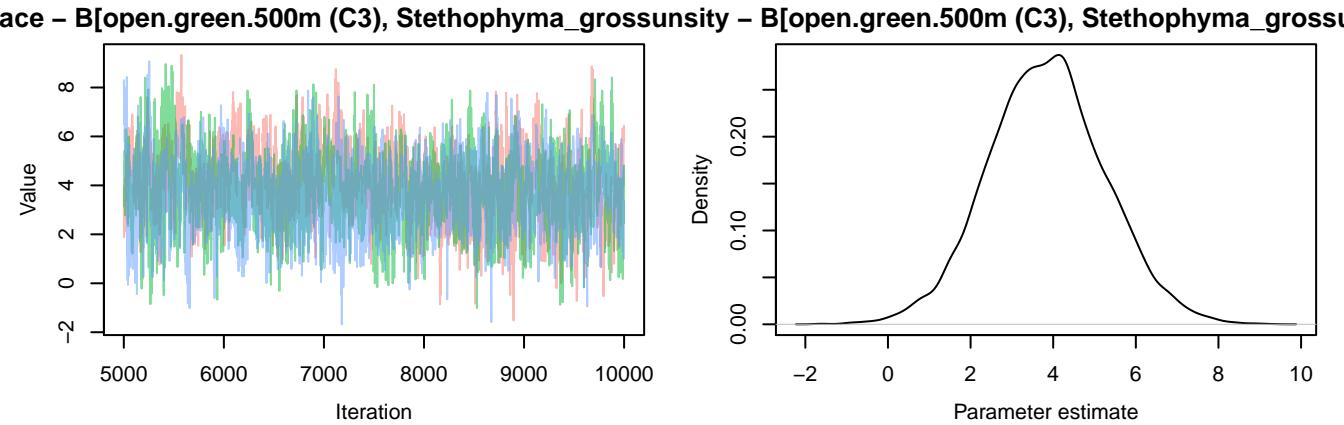
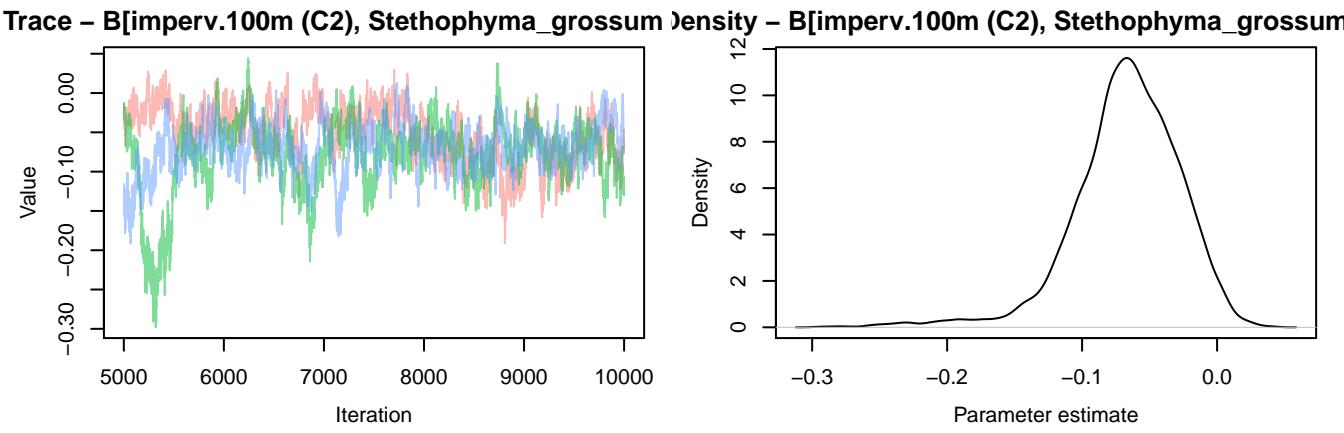
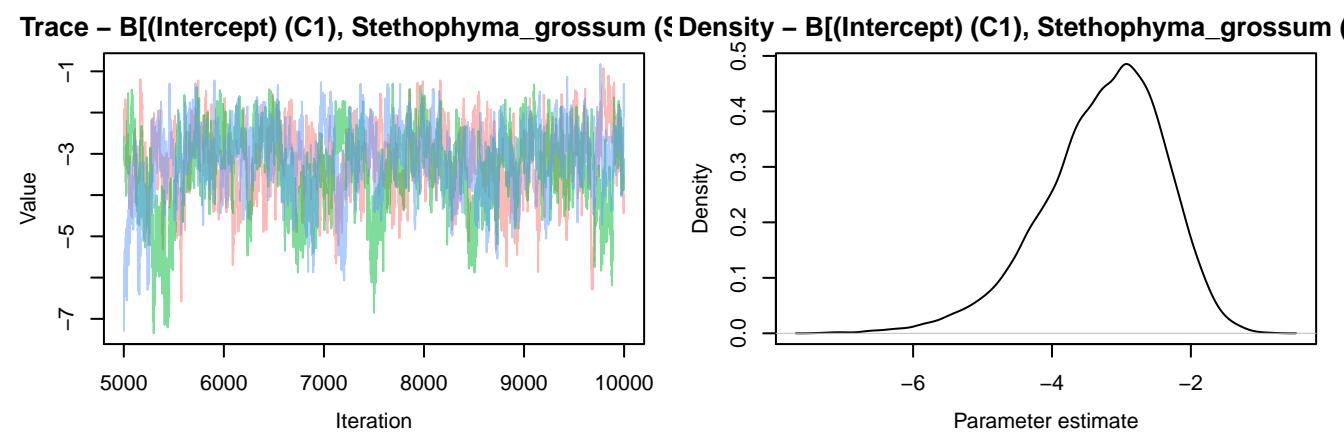


Trace – $B[\text{imperv.100m} (\text{C2}), \text{Stenobothrus_lineatus Density}]$ – $B[\text{imperv.100m} (\text{C2}), \text{Stenobothrus_lineatus Density}]$

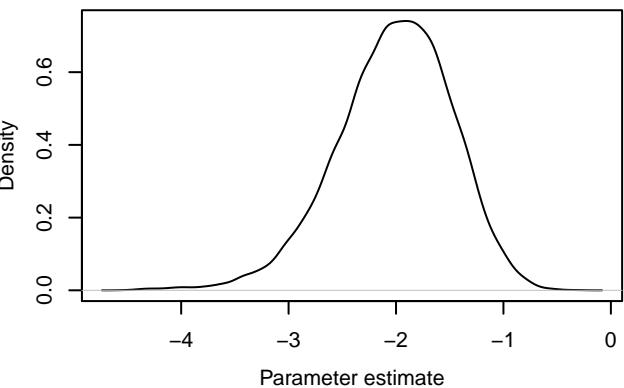
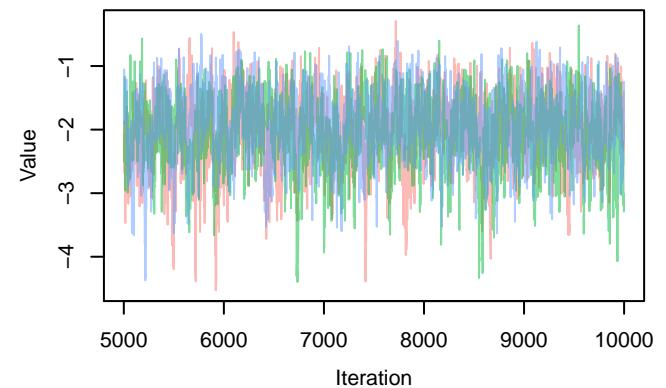


Trace – $B[\text{open.green.500m} (\text{C3}), \text{Stenobothrus_lineatus Density}]$ – $B[\text{open.green.500m} (\text{C3}), \text{Stenobothrus_lineatus Density}]$

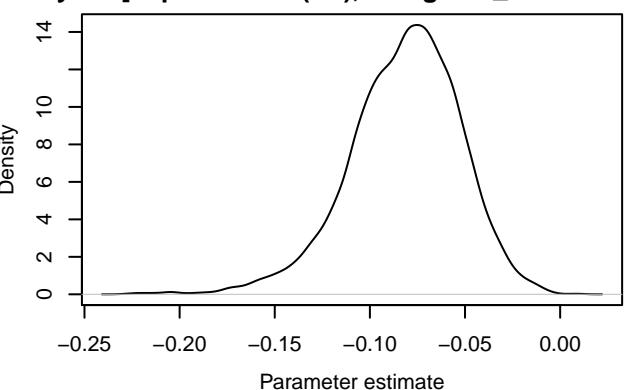
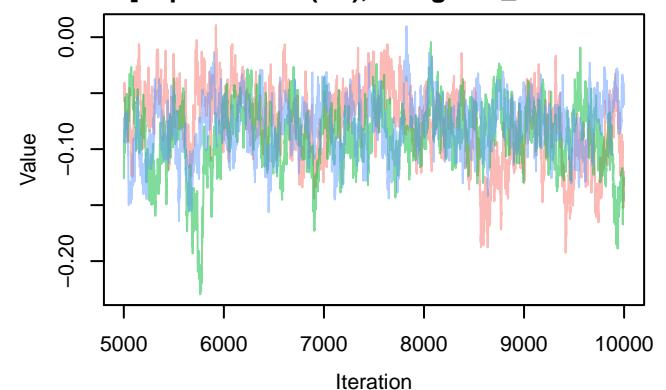




Trace – $B[(\text{Intercept}) (\text{C1}), \text{Tettigonia_viridissima} (\text{S})]$ Density – $B[(\text{Intercept}) (\text{C1}), \text{Tettigonia_viridissima} (\text{S})]$



Trace – $B[\text{imperv.100m} (\text{C2}), \text{Tettigonia_viridissima} (\text{Density})]$ Density – $B[\text{imperv.100m} (\text{C2}), \text{Tettigonia_viridissima} (\text{Density})]$



Trace – $B[\text{open.green.500m} (\text{C3}), \text{Tettigonia_viridissima} (\text{Density})]$ Density – $B[\text{open.green.500m} (\text{C3}), \text{Tettigonia_viridissima} (\text{Density})]$

