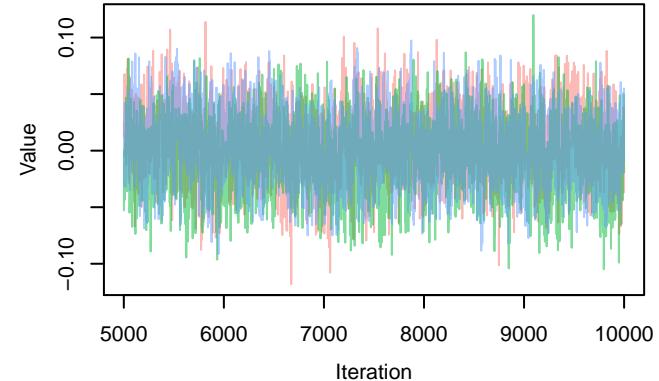
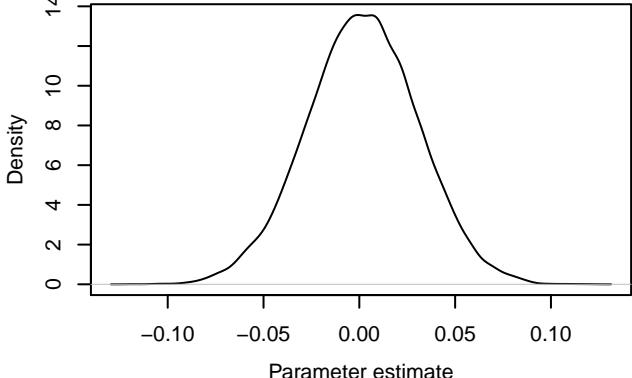


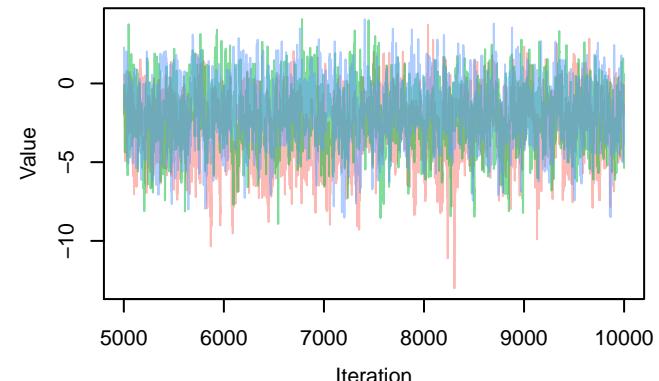
Trace – $B[\text{temp.100m (C4)}, \text{Amara_aenea (S1)}]$



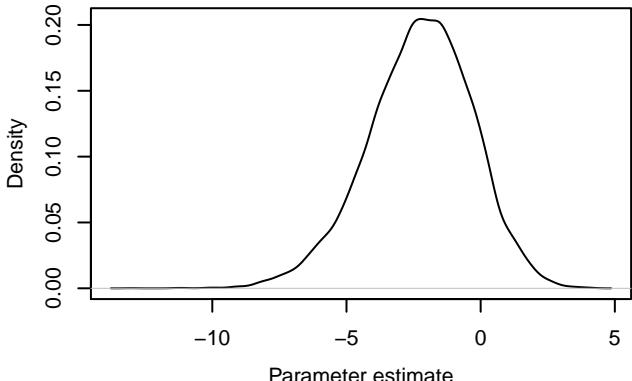
Density – $B[\text{temp.100m (C4)}, \text{Amara_aenea (S1)}]$



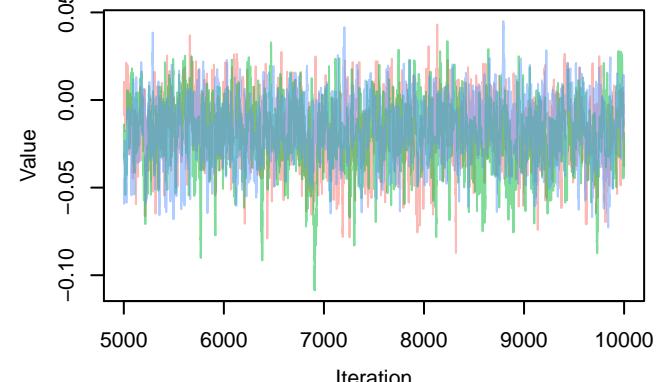
Trace – $B[(\text{Intercept}) (\text{C1})], \text{Amara_anthobia (S2)}$



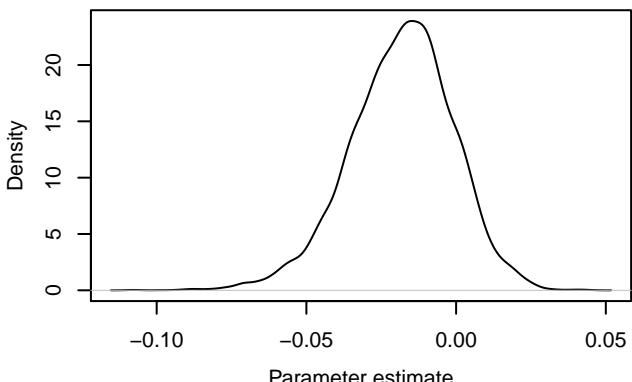
Density – $B[(\text{Intercept}) (\text{C1})], \text{Amara_anthobia (S2)}$

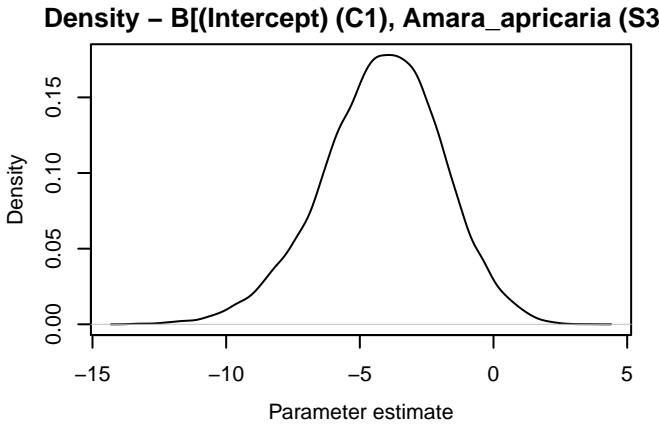
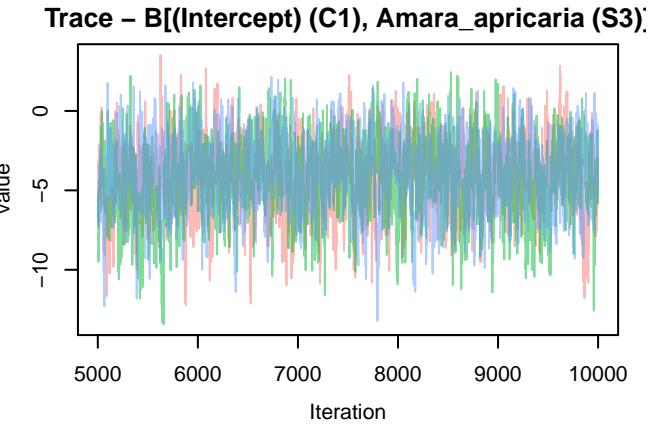
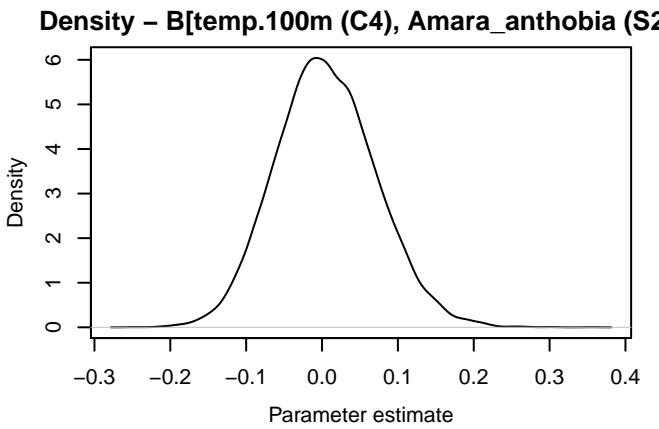
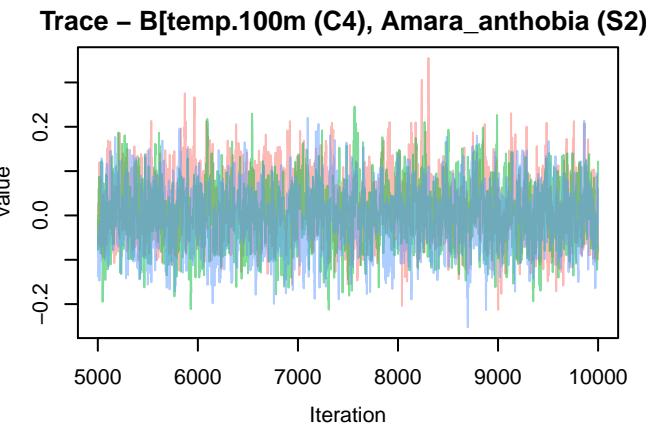
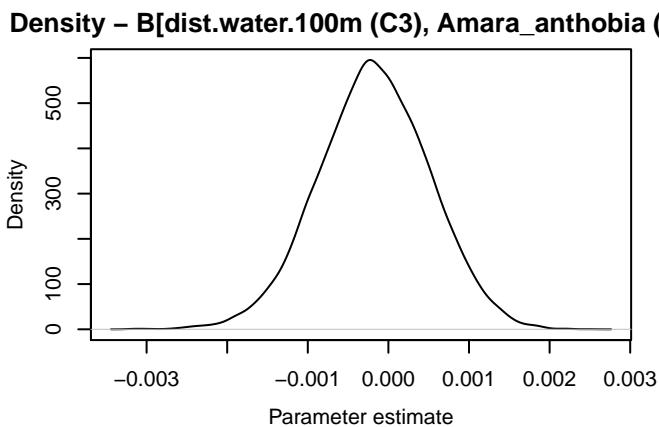
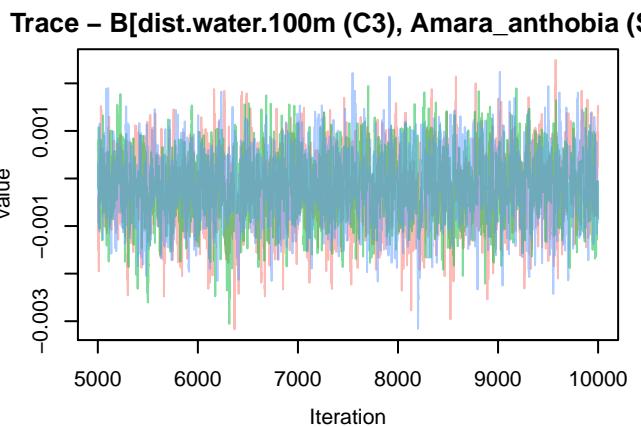


Trace – $B[\text{imperv.100m (C2)}, \text{Amara_anthobia (S2)}$

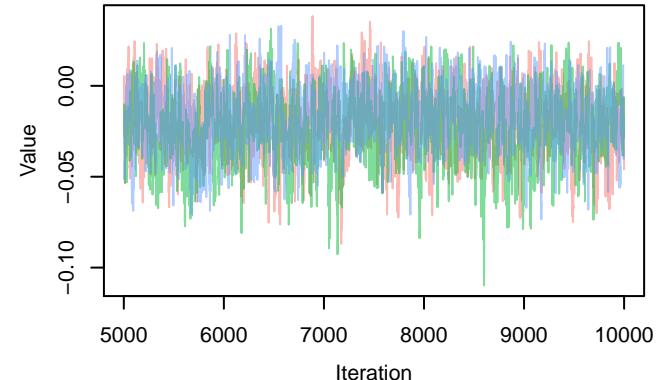


Density – $B[\text{imperv.100m (C2)}, \text{Amara_anthobia (S2)}$

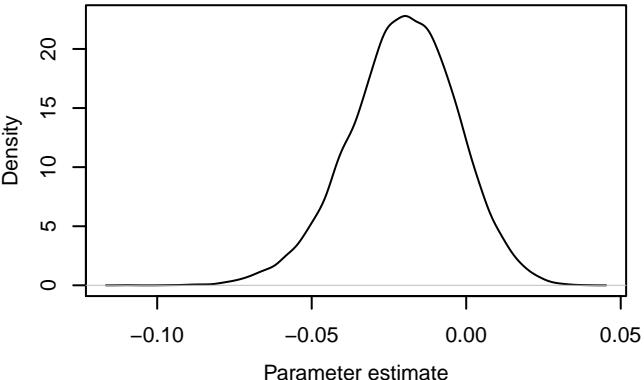




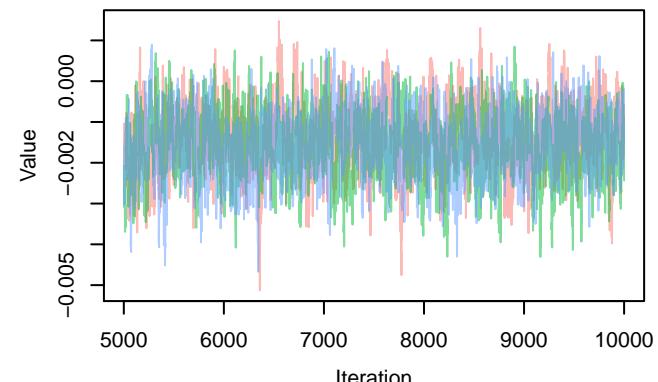
Trace – $B[\text{imperv.}100\text{m}$ (C2), Amara_apricaria (S3)



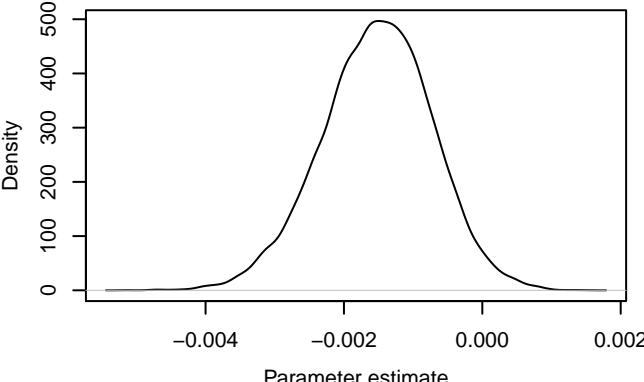
Density – $B[\text{imperv.}100\text{m}$ (C2), Amara_apricaria (S3)



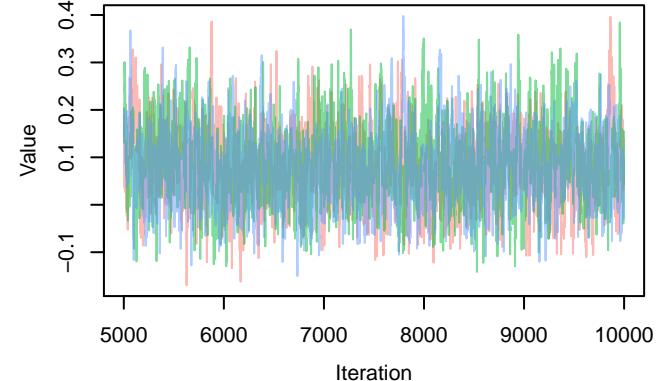
Trace – $B[\text{dist.water.}100\text{m}$ (C3), Amara_apricaria (S3)



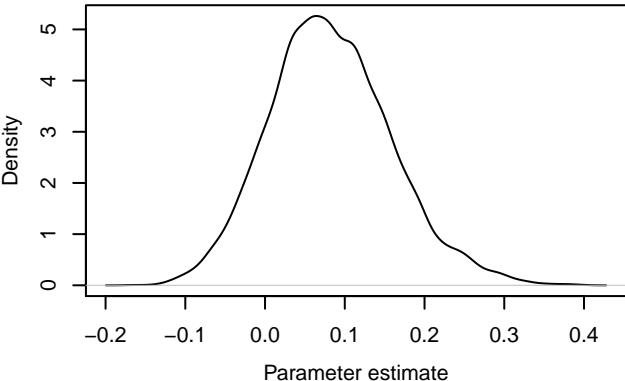
Density – $B[\text{dist.water.}100\text{m}$ (C3), Amara_apricaria (S3)

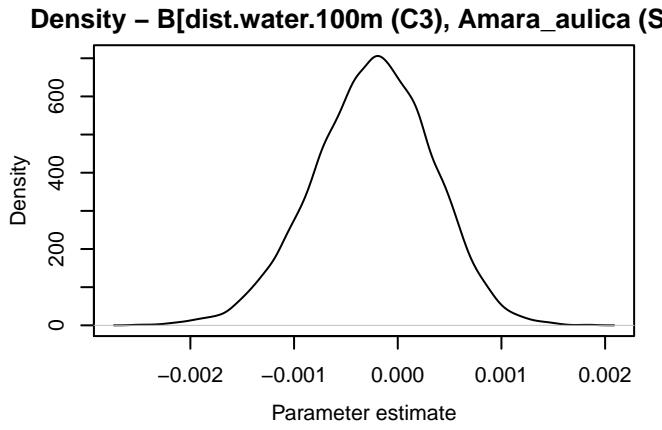
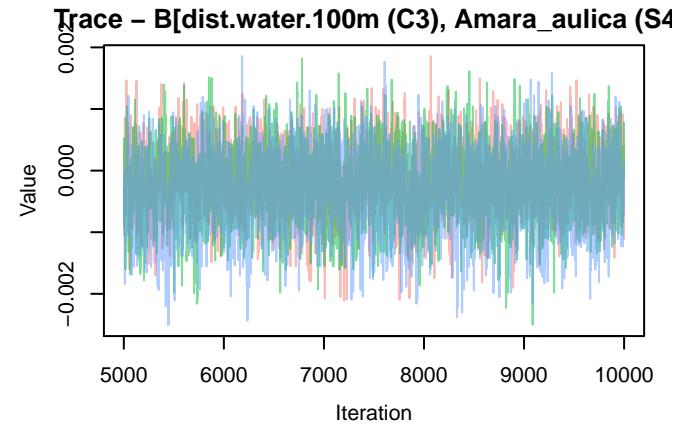
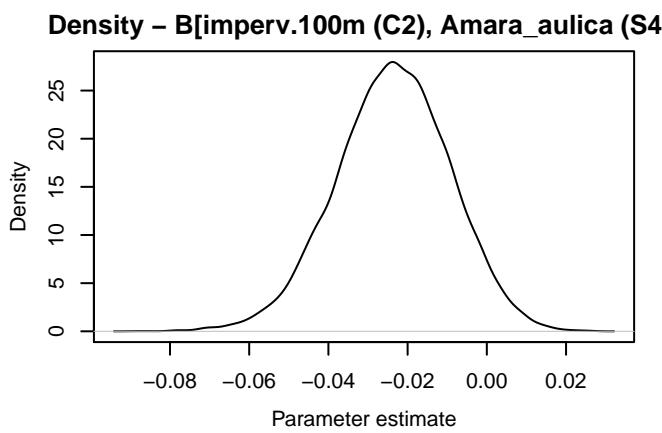
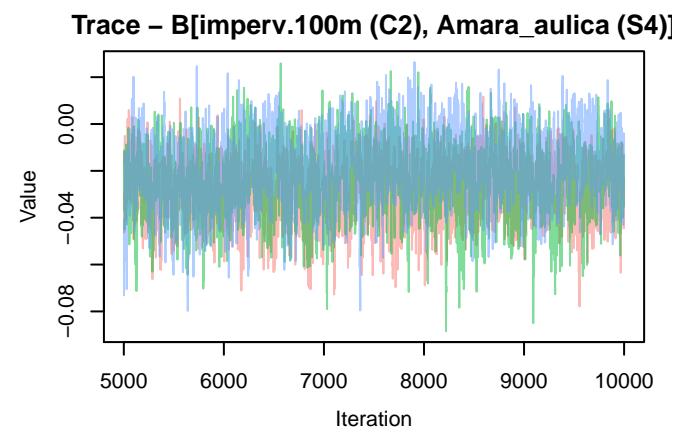
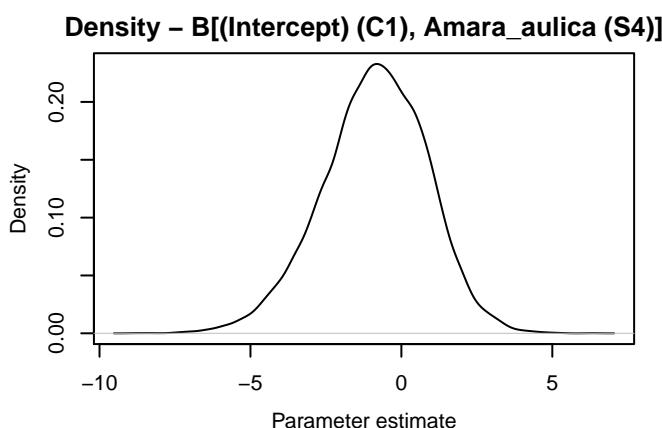
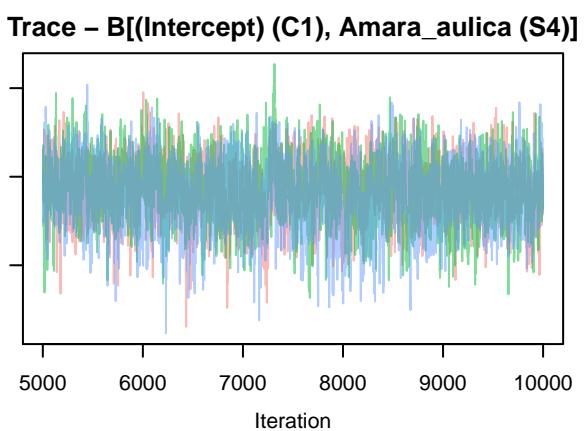


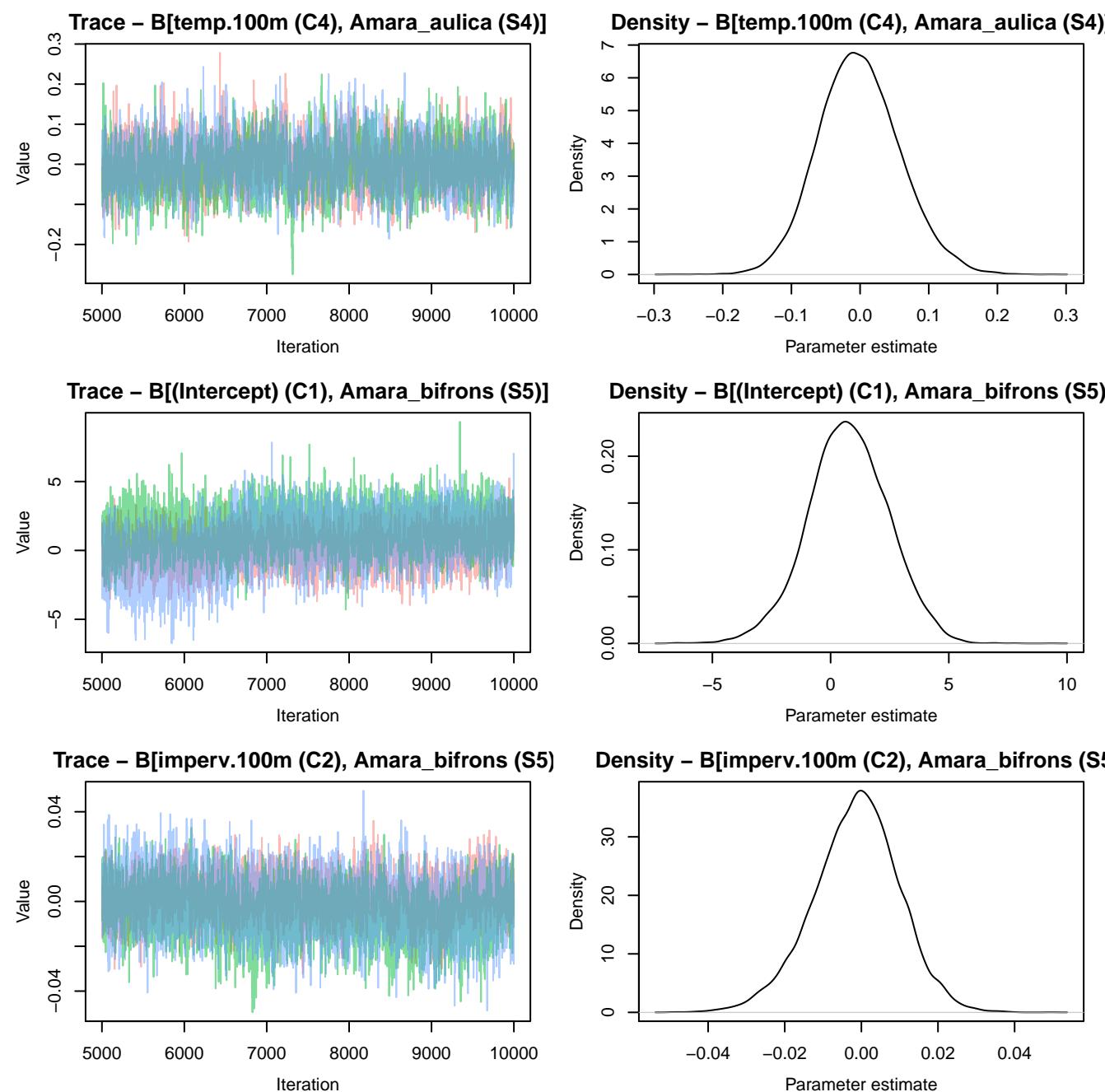
Trace – $B[\text{temp.}100\text{m}$ (C4), Amara_apricaria (S3)



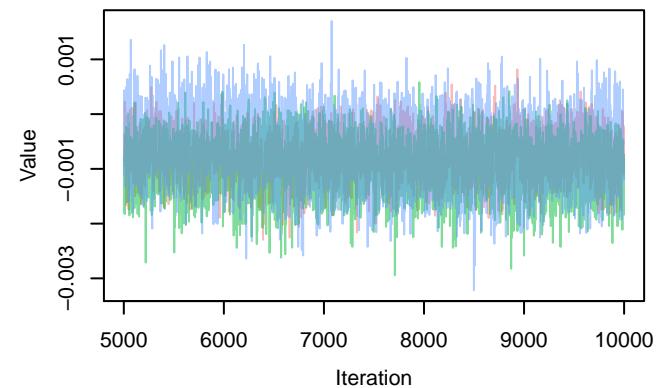
Density – $B[\text{temp.}100\text{m}$ (C4), Amara_apricaria (S3)



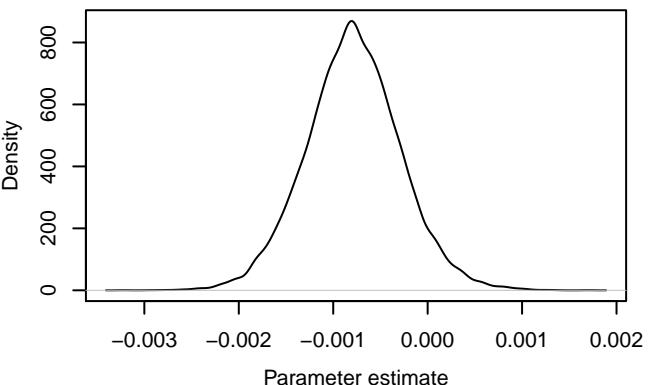




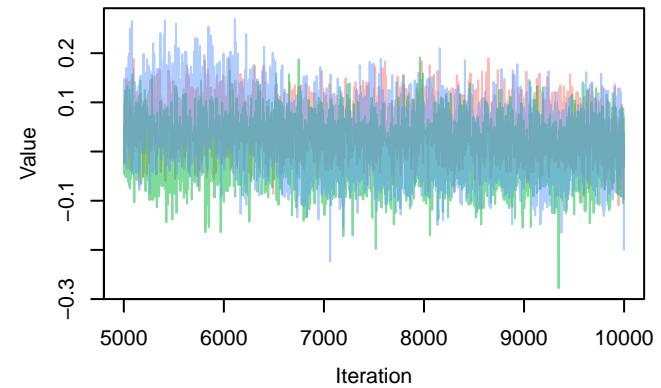
Trace – B[dist.water.100m (C3), Amara_bifrons (S)



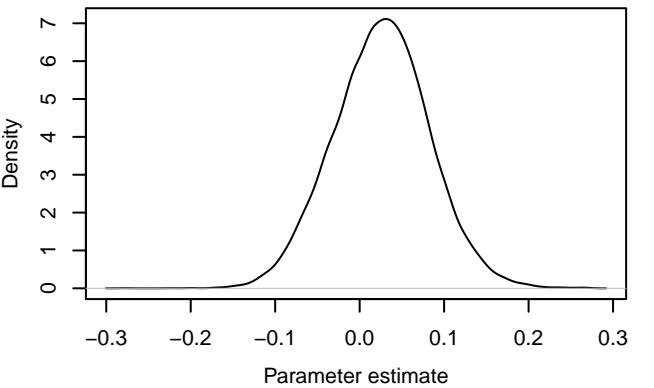
Density – B[dist.water.100m (C3), Amara_bifrons (S)



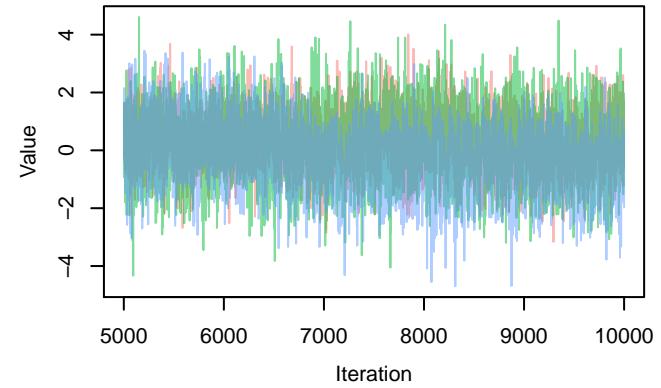
Trace – B[temp.100m (C4), Amara_bifrons (S5)]



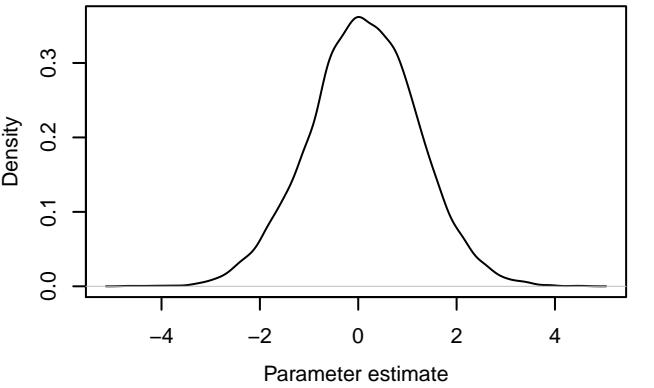
Density – B[temp.100m (C4), Amara_bifrons (S5)]

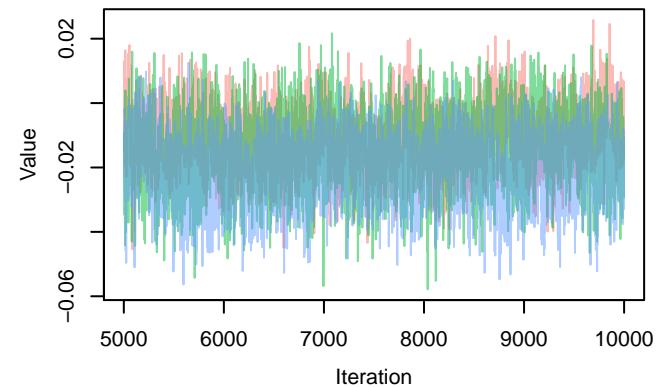
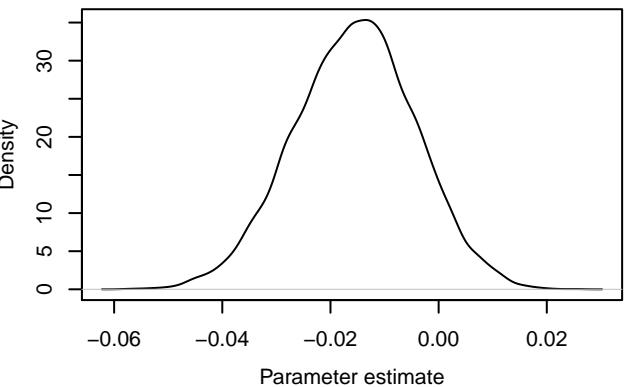
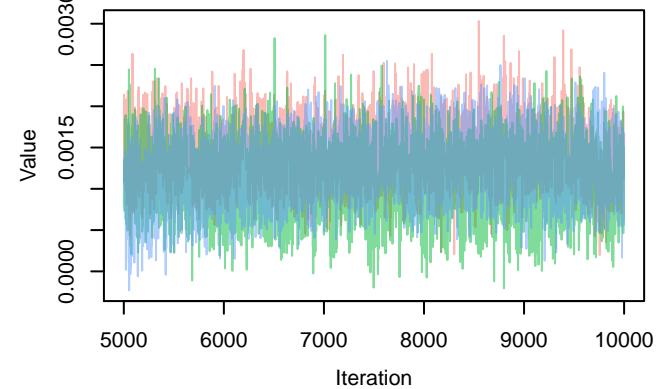
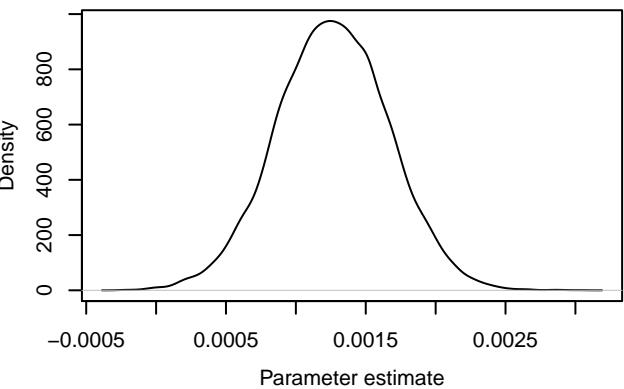
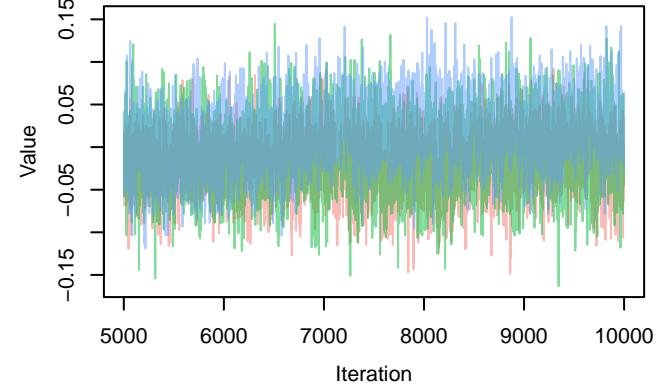
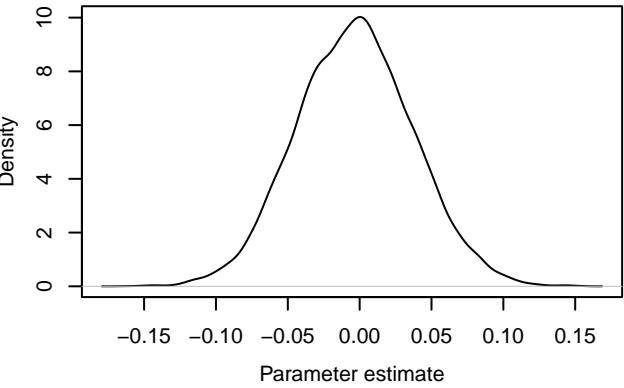


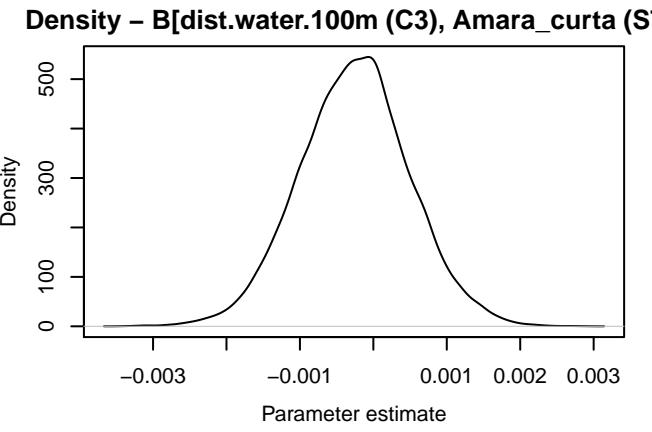
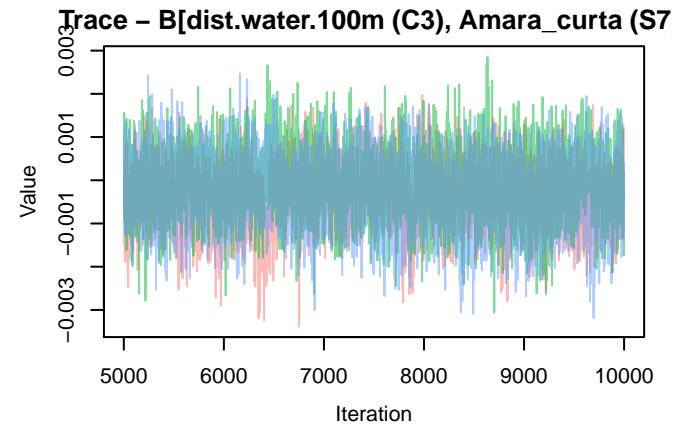
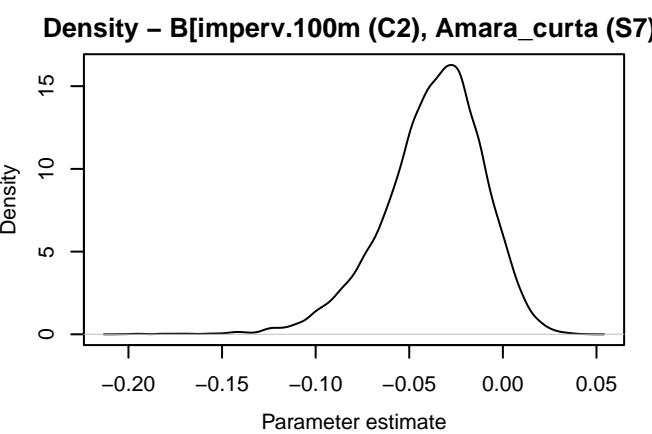
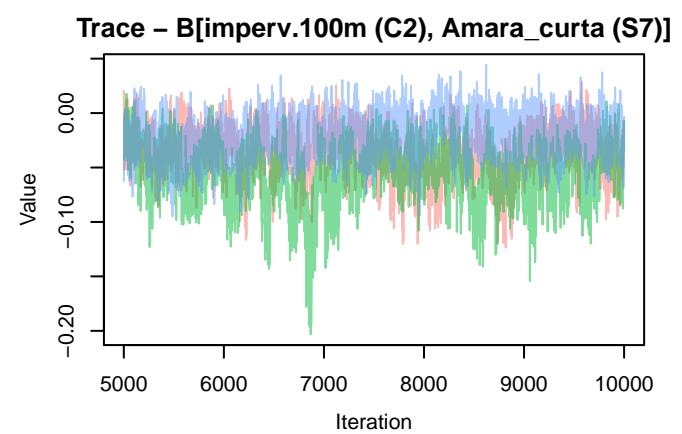
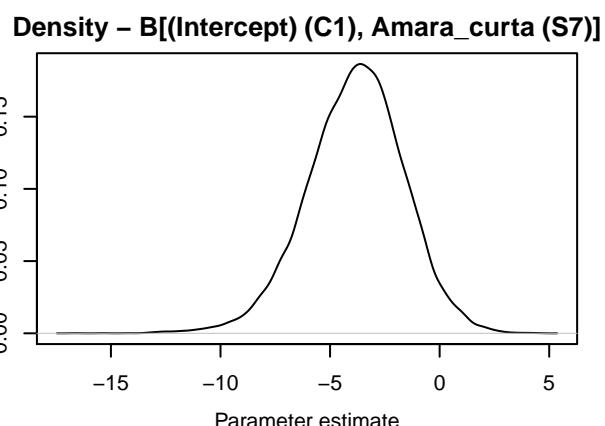
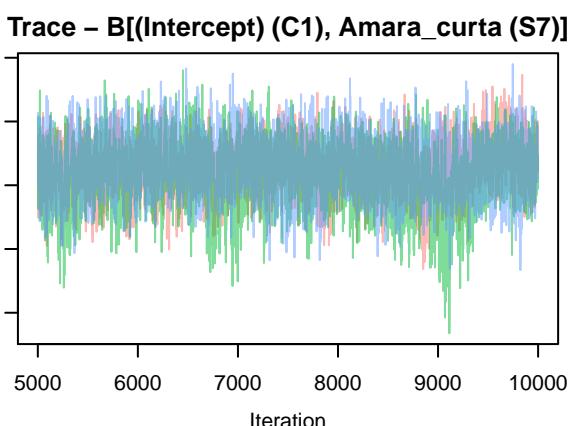
Trace – B[(Intercept) (C1), Amara_convexior (S6)]

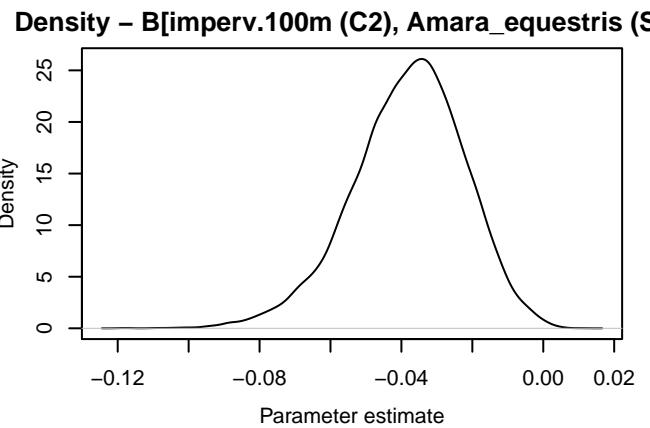
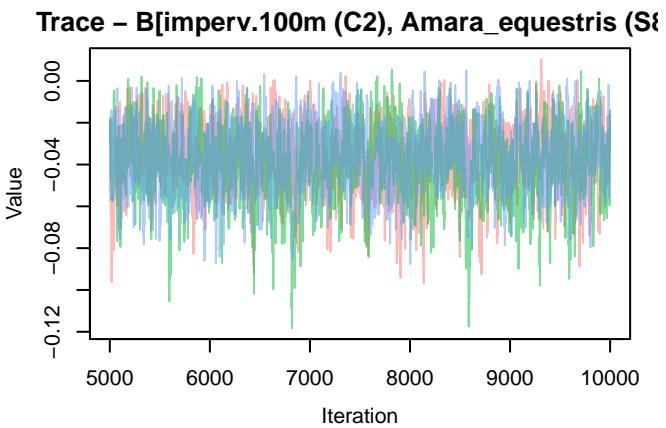
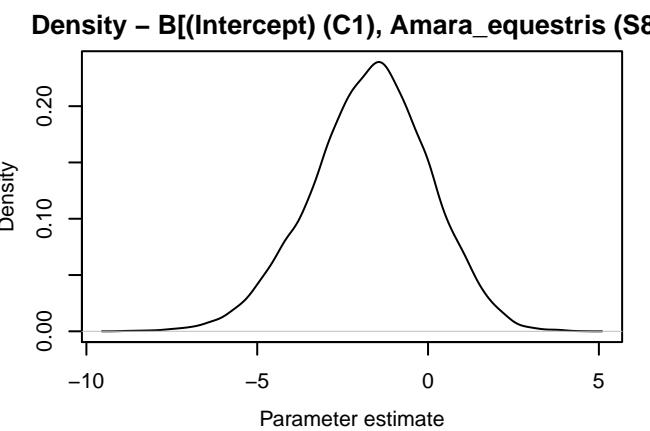
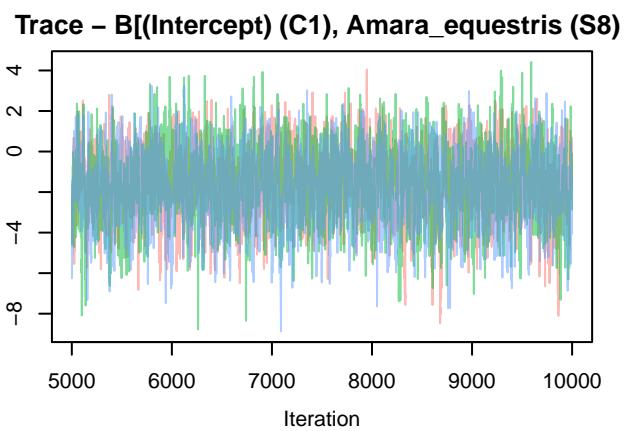
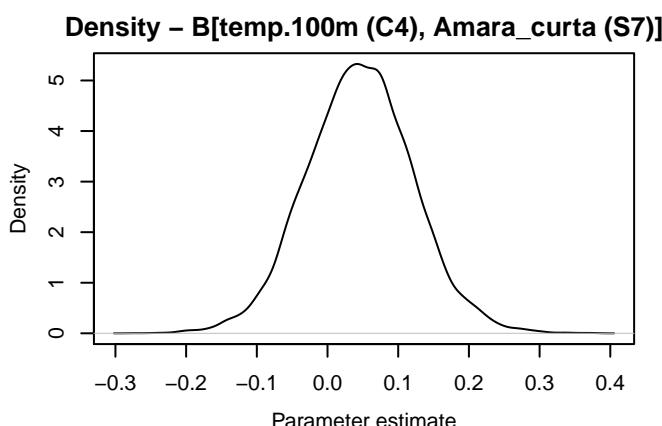
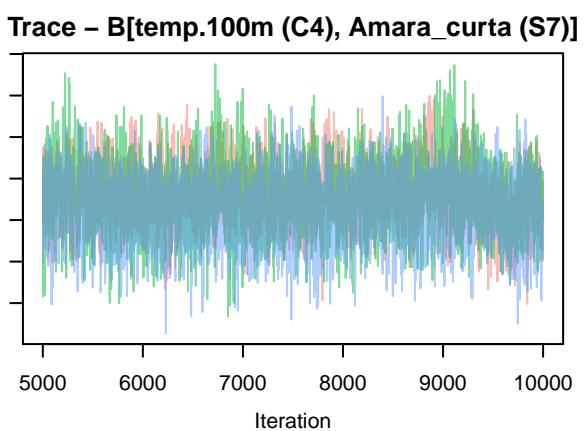


Density – B[(Intercept) (C1), Amara_convexior (S6)]

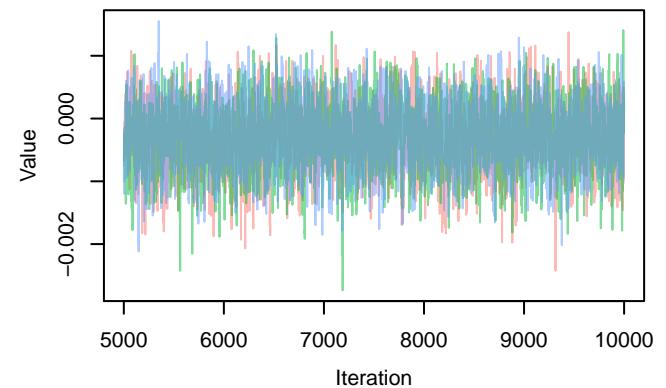


Trace – $B[\text{imperv.}100\text{m (C2)}, \text{Amara_convexior (S)}$ Density – $B[\text{imperv.}100\text{m (C2)}, \text{Amara_convexior (S)}$ Trace – $B[\text{dist.water.}100\text{m (C3)}, \text{Amara_convexior (S)}$ Density – $B[\text{dist.water.}100\text{m (C3)}, \text{Amara_convexior (S)}$ Trace – $B[\text{temp.}100\text{m (C4)}, \text{Amara_convexior (S)}$ Density – $B[\text{temp.}100\text{m (C4)}, \text{Amara_convexior (S)}$ 

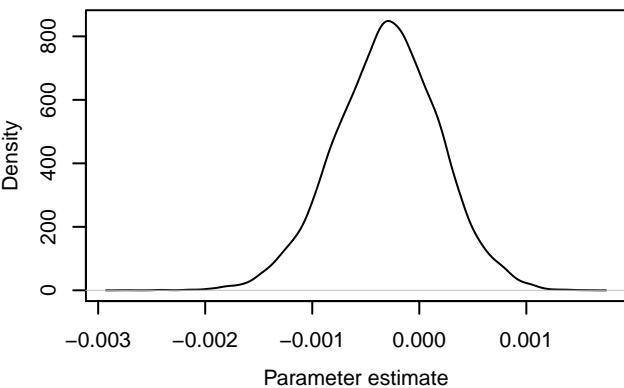




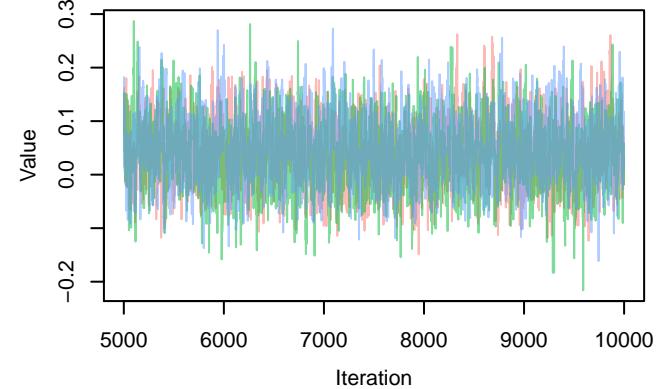
Trace – $B[\text{dist.water.100m (C3)}, \text{Amara_equestris} (\text{S})]$



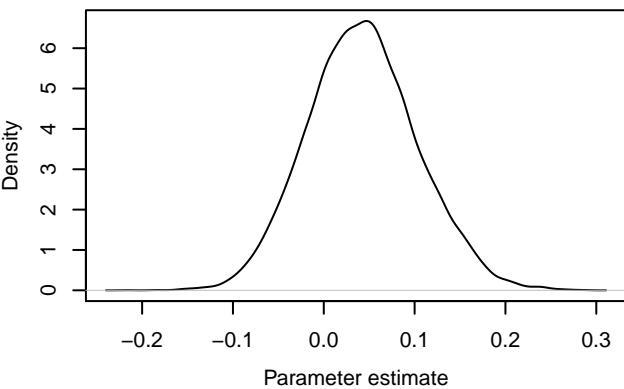
Density – $B[\text{dist.water.100m (C3)}, \text{Amara_equestris} (\text{S})]$



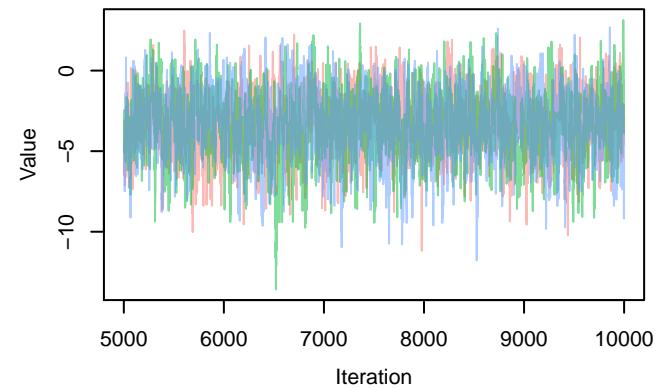
Trace – $B[\text{temp.100m (C4)}, \text{Amara_equestris} (\text{S8})]$



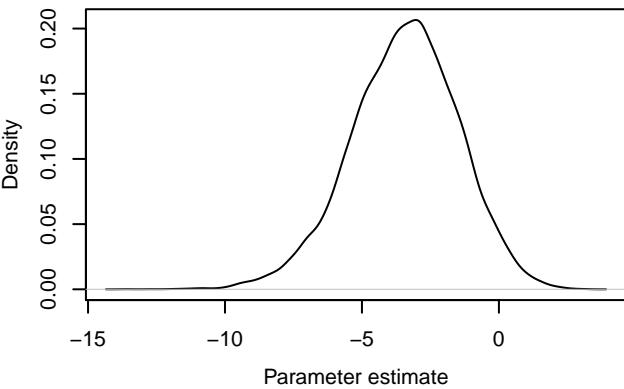
Density – $B[\text{temp.100m (C4)}, \text{Amara_equestris} (\text{S8})]$



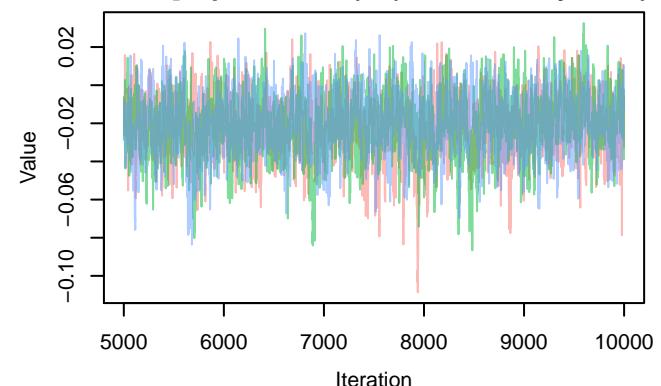
Trace – $B[(\text{Intercept}) (\text{C1}), \text{Amara_eurynota} (\text{S9})]$



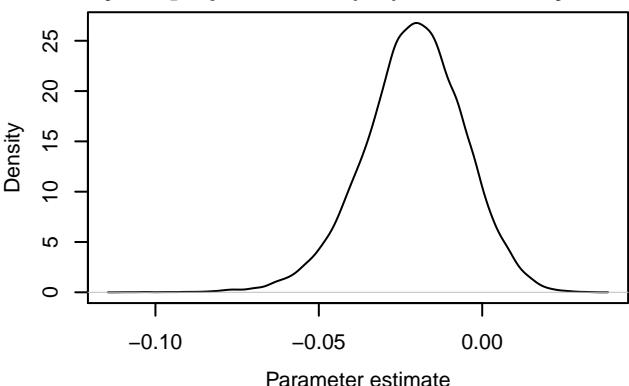
Density – $B[(\text{Intercept}) (\text{C1}), \text{Amara_eurynota} (\text{S9})]$



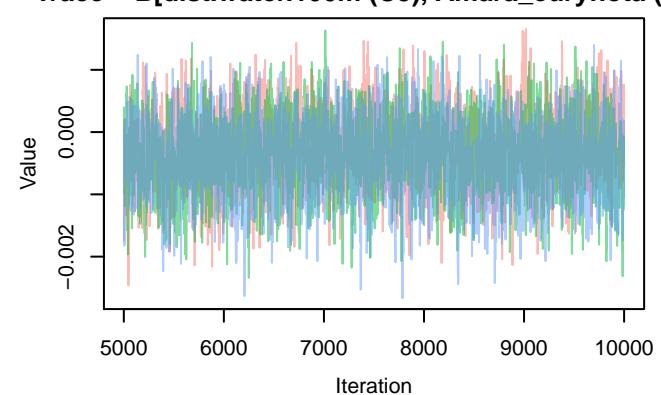
Trace – $B[\text{imperv.}100\text{m}$ (C2), Amara_eurynota (S9)



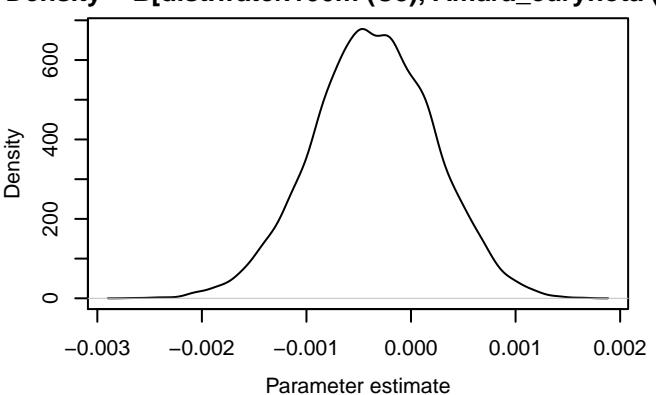
Density – $B[\text{imperv.}100\text{m}$ (C2), Amara_eurynota (S9)



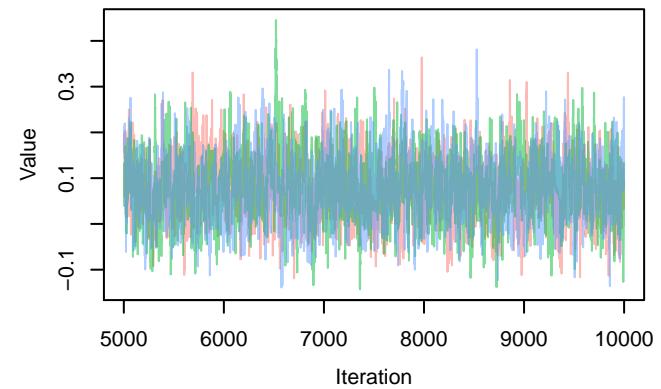
Trace – $B[\text{dist.water.}100\text{m}$ (C3), Amara_eurynota (S9)



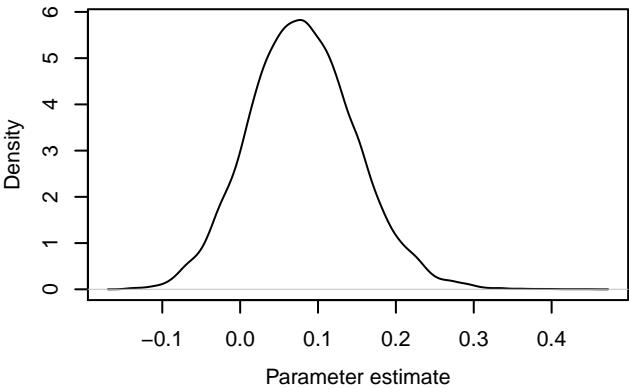
Density – $B[\text{dist.water.}100\text{m}$ (C3), Amara_eurynota (S9)

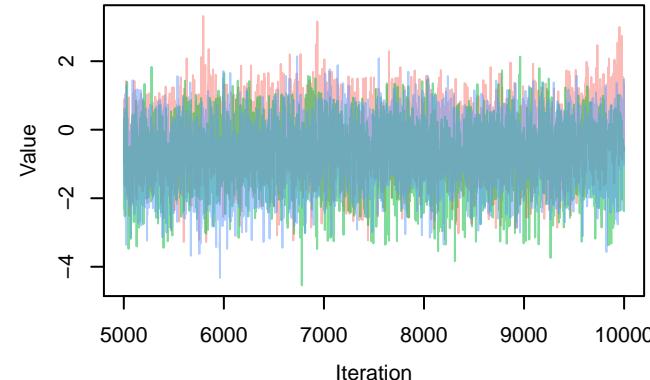
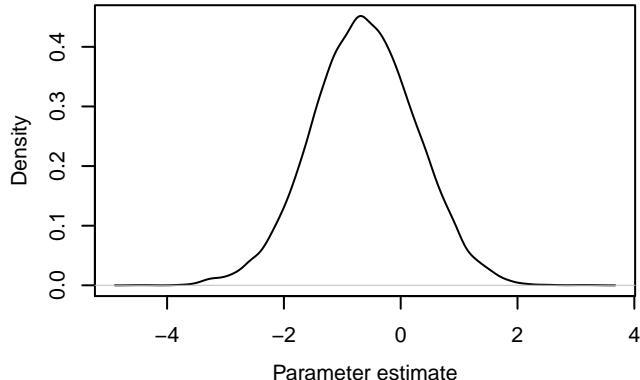
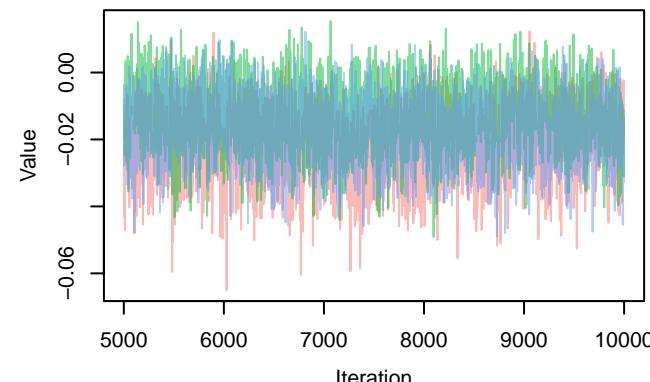
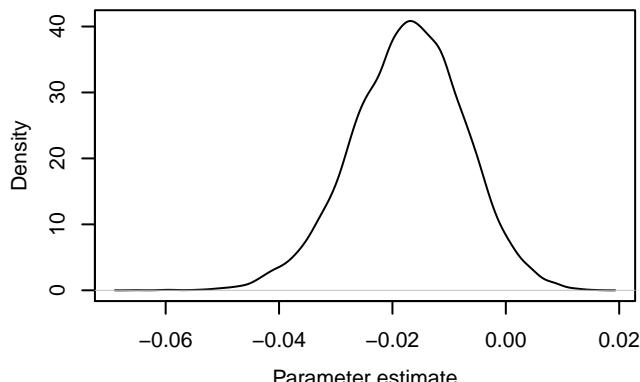
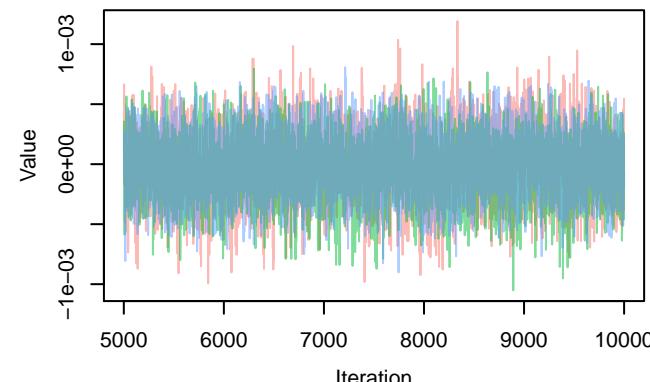
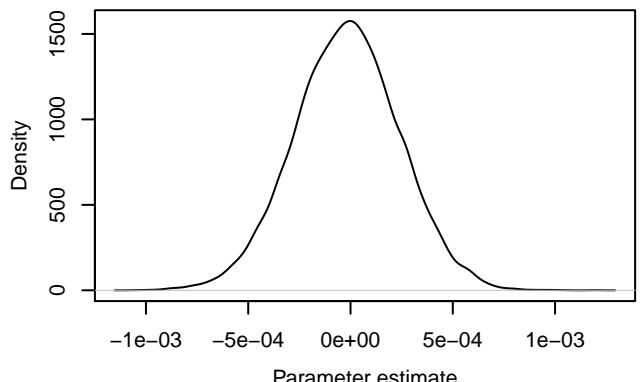


Trace – $B[\text{temp.}100\text{m}$ (C4), Amara_eurynota (S9)

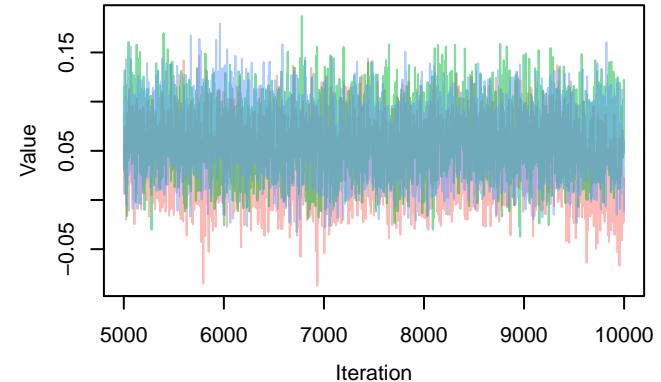


Density – $B[\text{temp.}100\text{m}$ (C4), Amara_eurynota (S9)

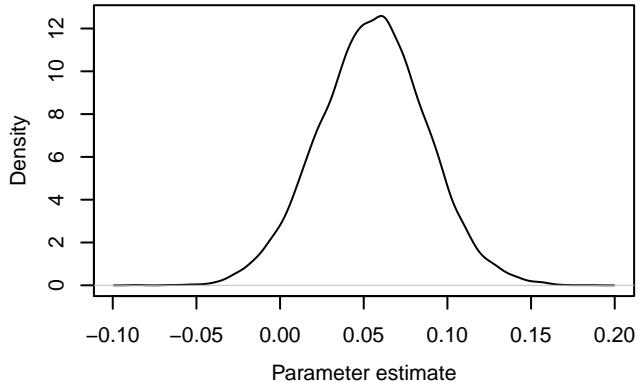


Trace – $B[(\text{Intercept}) \text{ (C1)}]$, Amara_familiaris (S10)Density – $B[(\text{Intercept}) \text{ (C1)}]$, Amara_familiaris (S1)Trace – $B[\text{imperv.}100\text{m (C2)}]$, Amara_familiaris (S1)Density – $B[\text{imperv.}100\text{m (C2)}]$, Amara_familiaris (S1)Trace – $B[\text{dist.water.}100\text{m (C3)}]$, Amara_familiaris (S1)Density – $B[\text{dist.water.}100\text{m (C3)}]$, Amara_familiaris (S1)

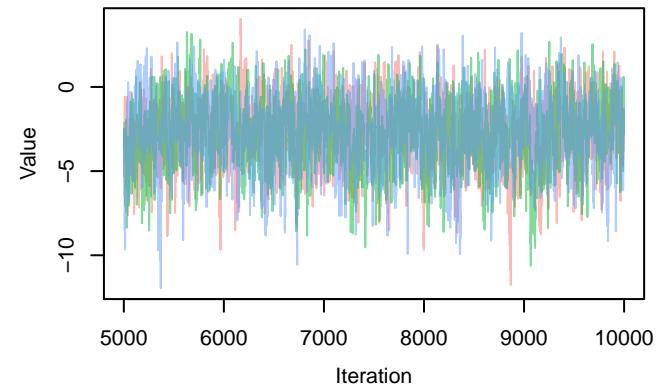
Trace – $B[\text{temp.100m (C4)}, \text{Amara_familiaris (S10)}]$



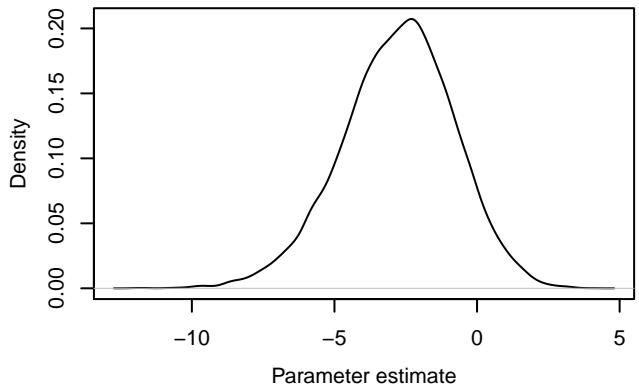
Density – $B[\text{temp.100m (C4)}, \text{Amara_familiaris (S10)}]$



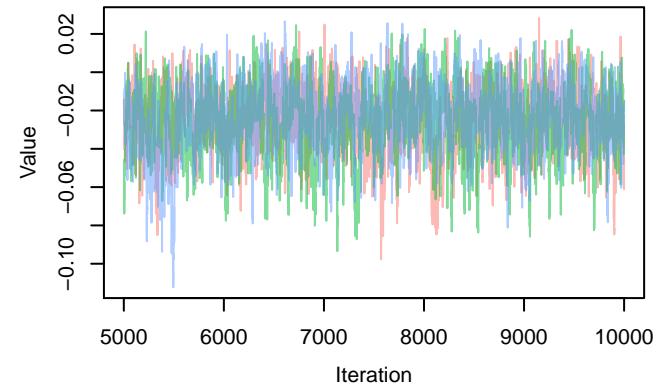
Trace – $B[(\text{Intercept}) (\text{C1})], \text{Amara_fulva (S11)}$



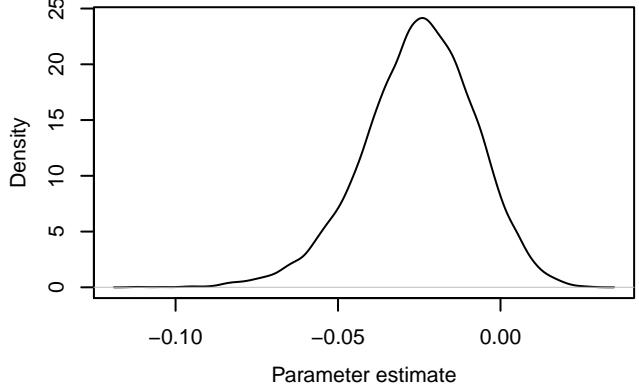
Density – $B[(\text{Intercept}) (\text{C1})], \text{Amara_fulva (S11)}$



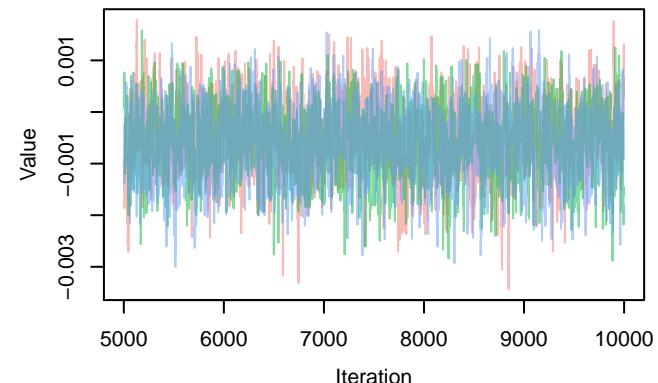
Trace – $B[\text{imperv.100m (C2)}, \text{Amara_fulva (S11)}]$



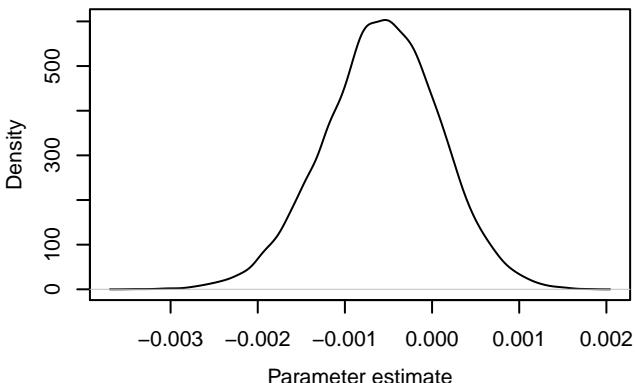
Density – $B[\text{imperv.100m (C2)}, \text{Amara_fulva (S11)}$



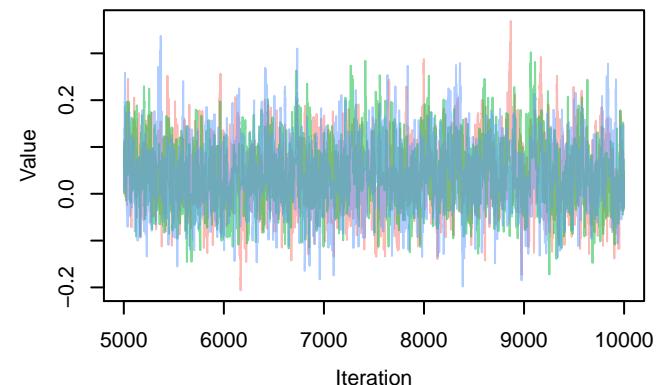
Trace – $B[\text{dist.water.100m (C3)}, \text{Amara_fulva (S11)}]$



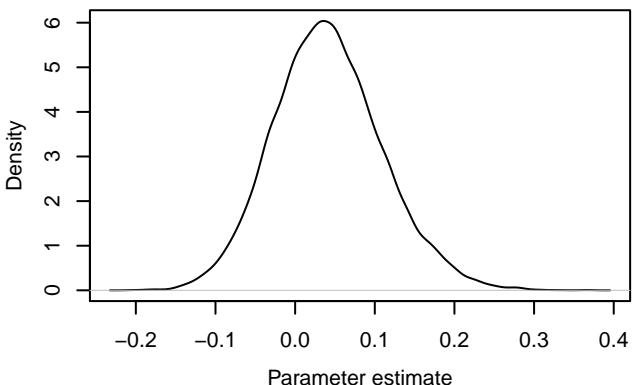
Density – $B[\text{dist.water.100m (C3)}, \text{Amara_fulva (S11)}]$



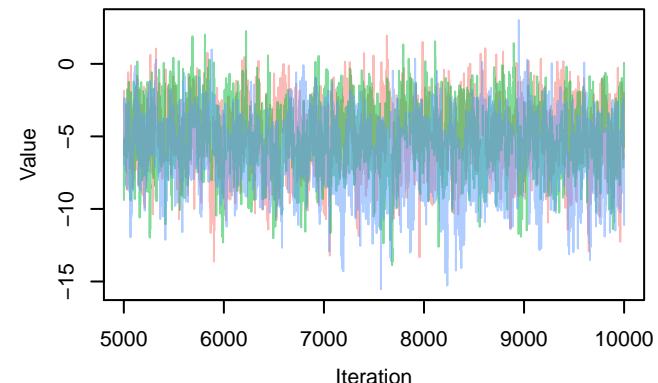
Trace – $B[\text{temp.100m (C4)}, \text{Amara_fulva (S11)}]$



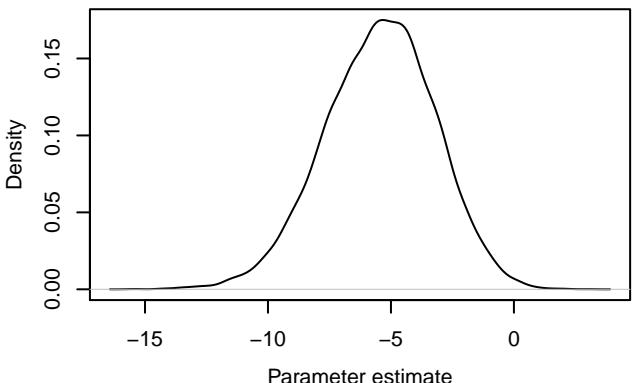
Density – $B[\text{temp.100m (C4)}, \text{Amara_fulva (S11)}]$



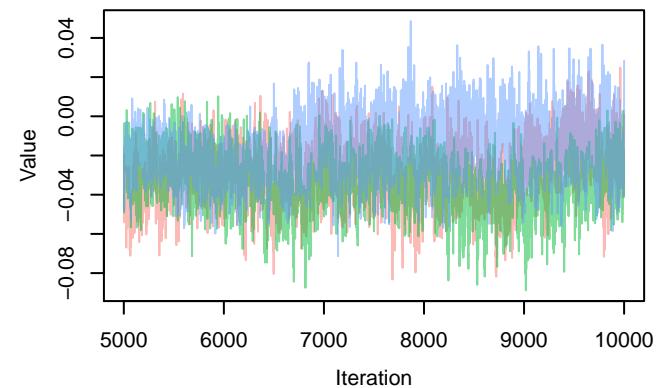
Trace – $B[(\text{Intercept}) (\text{C1})], \text{Amara_fusca (S12)}$



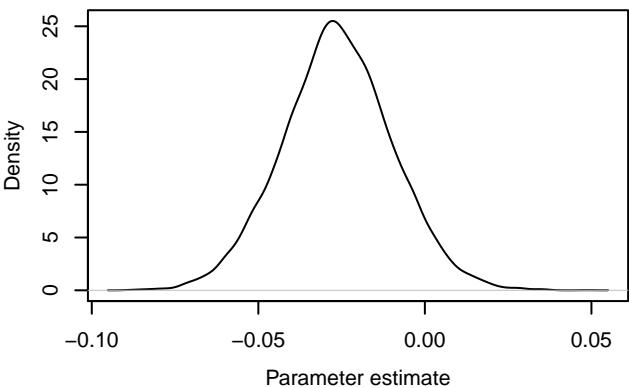
Density – $B[(\text{Intercept}) (\text{C1})], \text{Amara_fusca (S12)}$



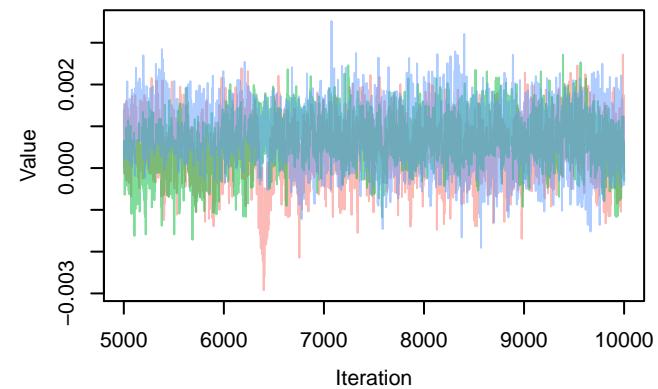
Trace – $B[\text{imperv.}100\text{m} \text{ (C2)}]$, Amara_fusca (S12)



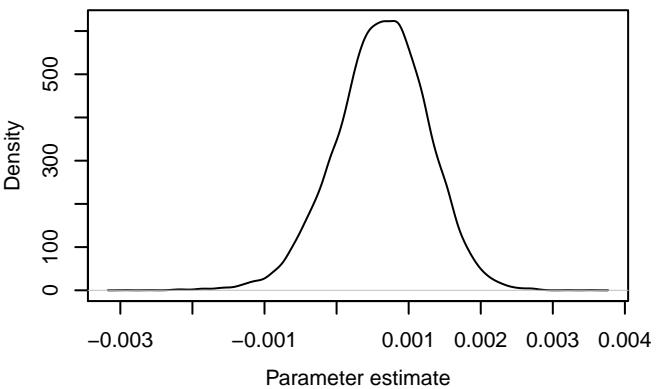
Density – $B[\text{imperv.}100\text{m} \text{ (C2)}]$, Amara_fusca (S12)



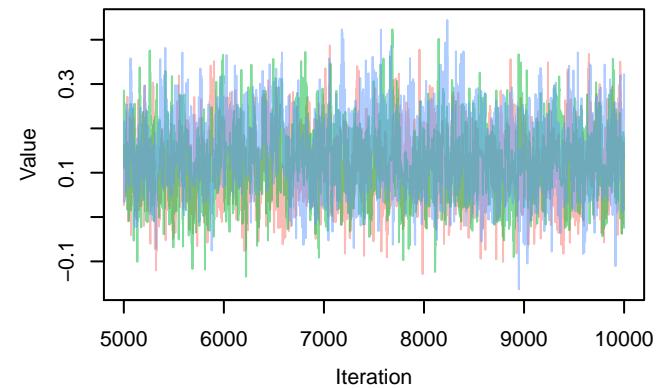
Trace – $B[\text{dist.water.}100\text{m} \text{ (C3)}]$, Amara_fusca (S12)



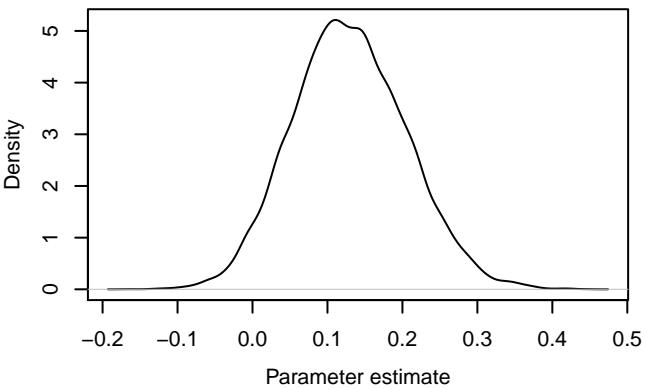
Density – $B[\text{dist.water.}100\text{m} \text{ (C3)}]$, Amara_fusca (S12)

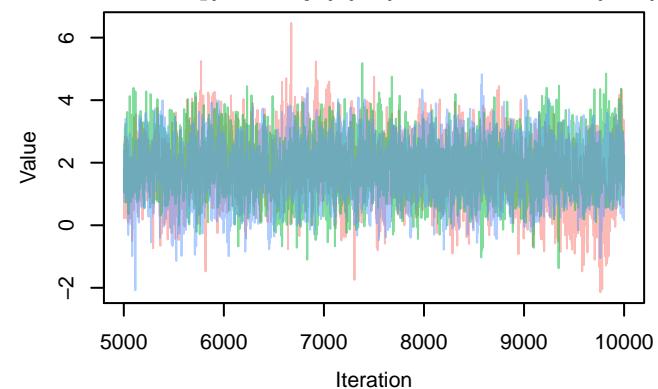
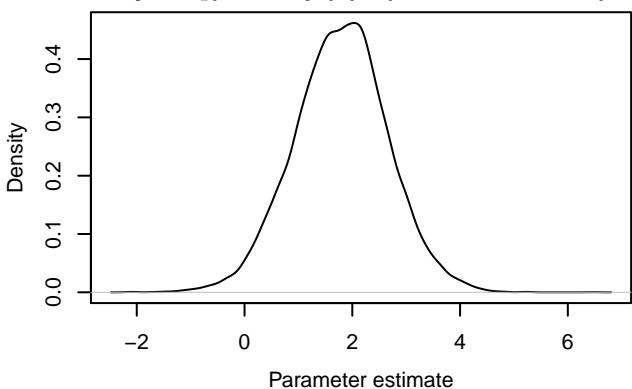
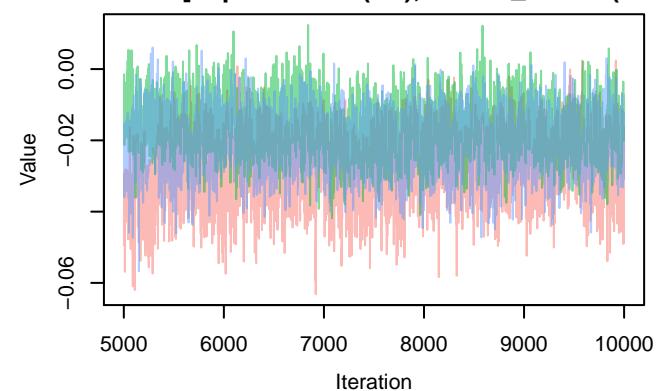
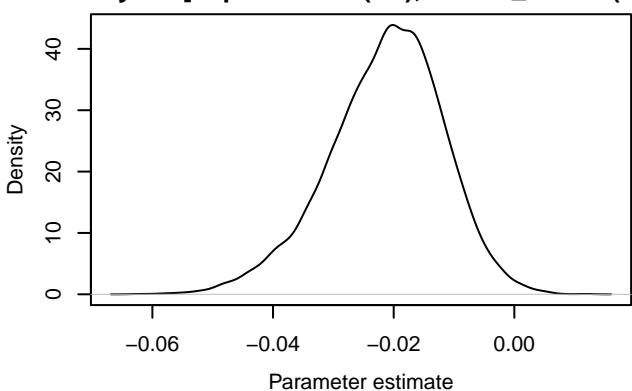
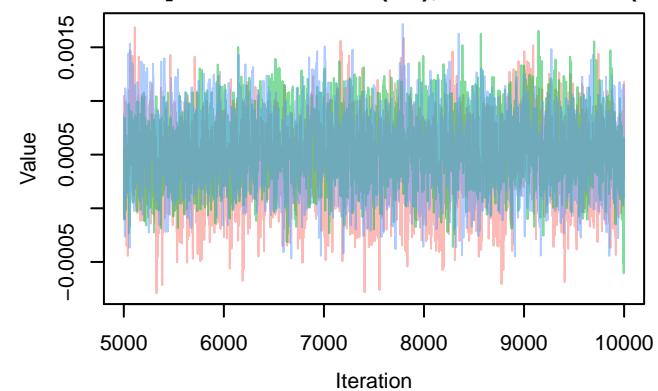
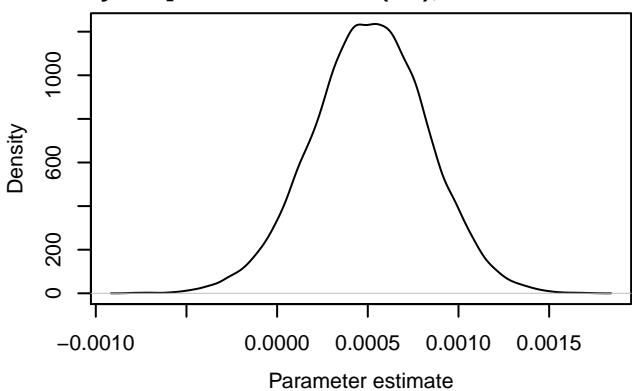


Trace – $B[\text{temp.}100\text{m} \text{ (C4)}]$, Amara_fusca (S12)]

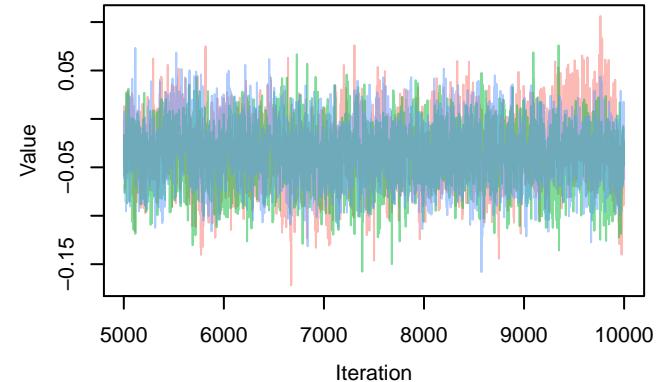


Density – $B[\text{temp.}100\text{m} \text{ (C4)}]$, Amara_fusca (S12)

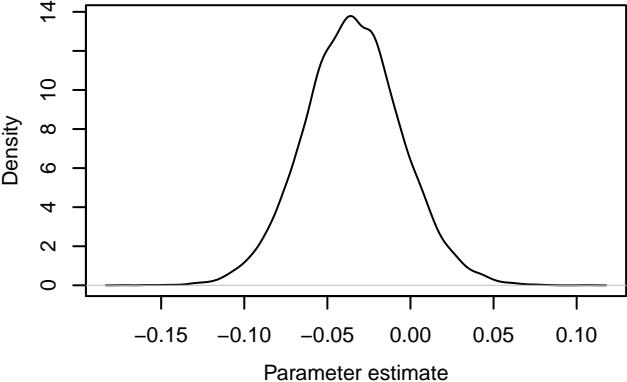


Trace – $B[(\text{Intercept}) (\text{C1})]$, Amara_lucida (S13)]Density – $B[(\text{Intercept}) (\text{C1})]$, Amara_lucida (S13)Trace – $B[\text{imperv.}100\text{m} (\text{C2})]$, Amara_lucida (S13)Density – $B[\text{imperv.}100\text{m} (\text{C2})]$, Amara_lucida (S13)Trace – $B[\text{dist.water.}100\text{m} (\text{C3})]$, Amara_lucida (S1)Density – $B[\text{dist.water.}100\text{m} (\text{C3})]$, Amara_lucida (S1)

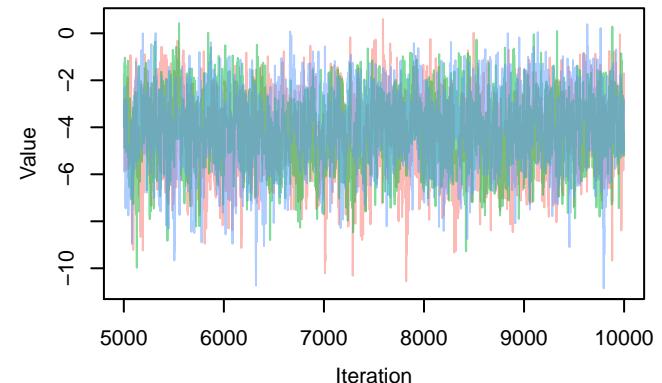
Trace – $B[\text{temp.100m (C4)}, \text{Amara_lucida (S13)}]$



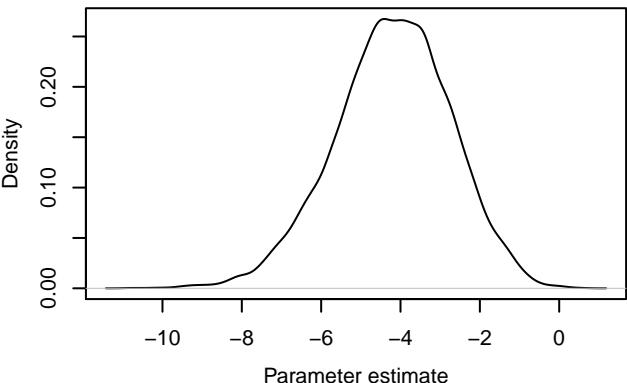
Density – $B[\text{temp.100m (C4)}, \text{Amara_lucida (S13)}]$



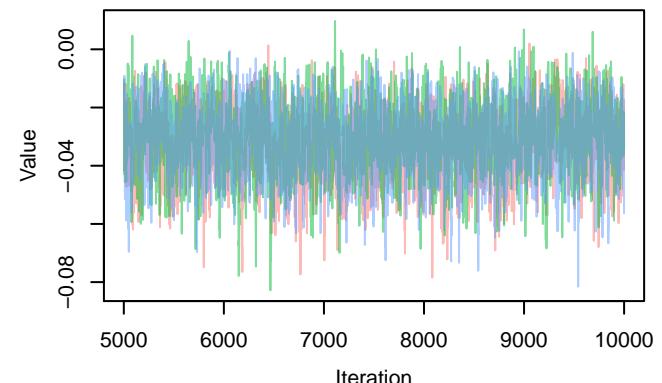
Trace – $B[(\text{Intercept}) (\text{C1})], \text{Amara_lunicollis (S14)}$



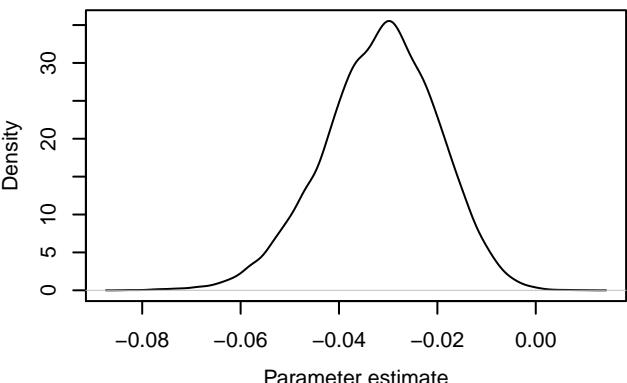
Density – $B[(\text{Intercept}) (\text{C1})], \text{Amara_lunicollis (S14)}$

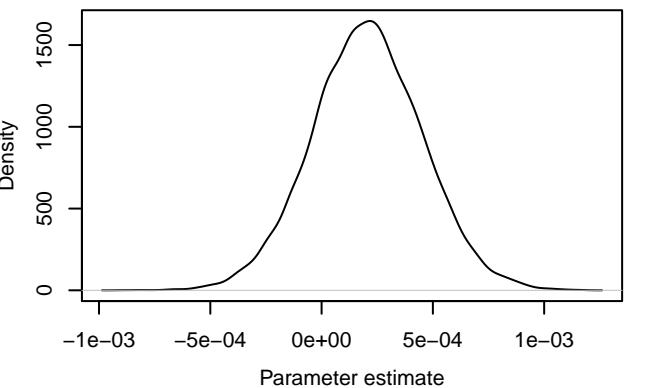
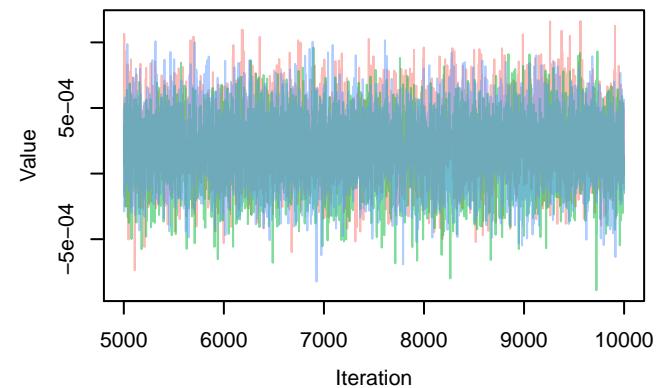
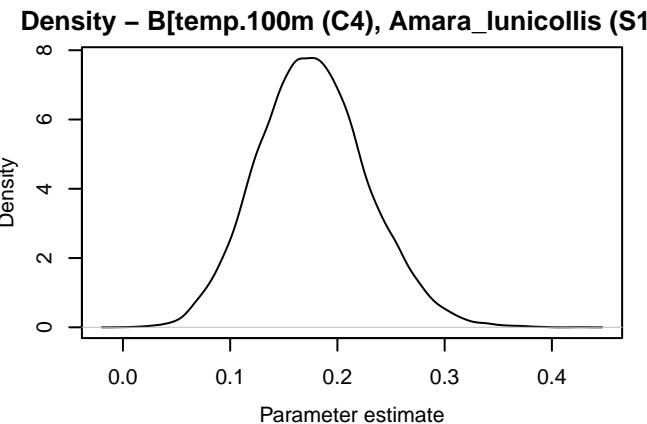
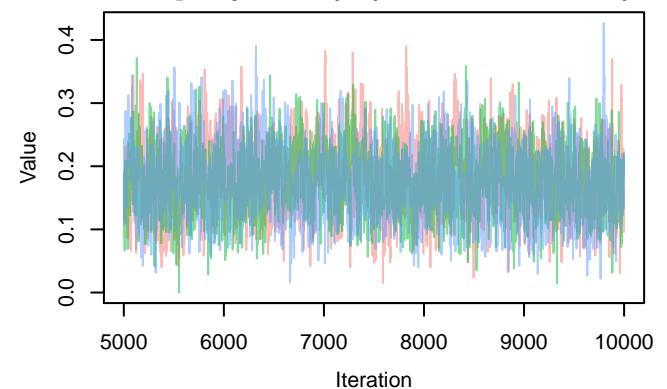
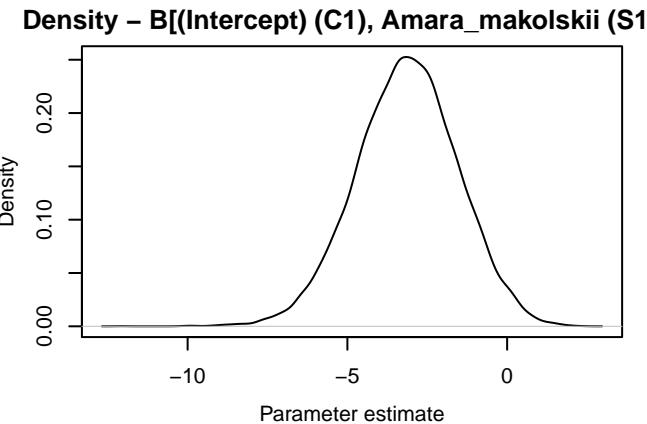
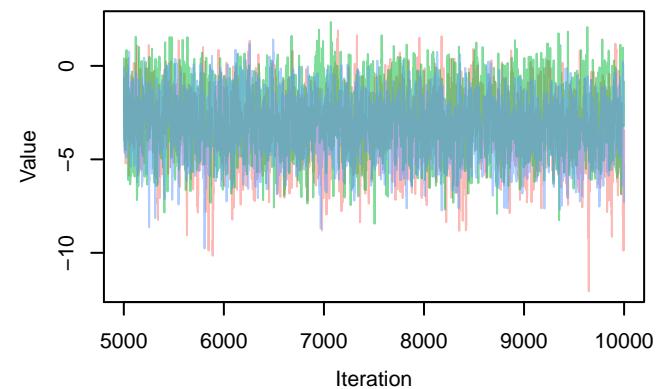


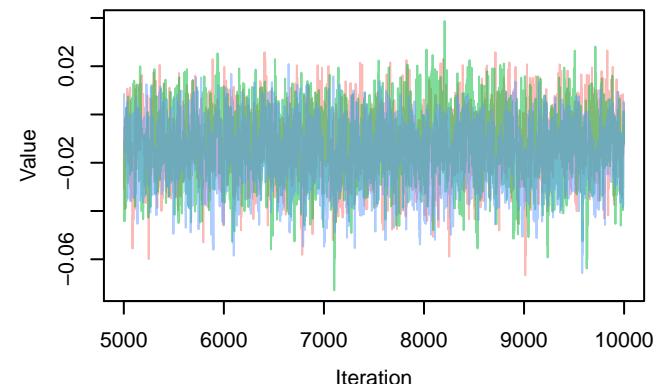
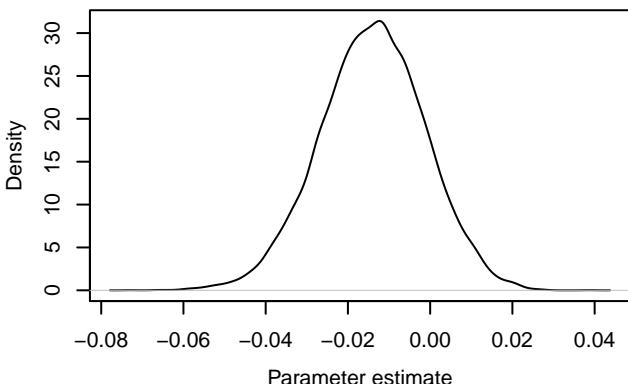
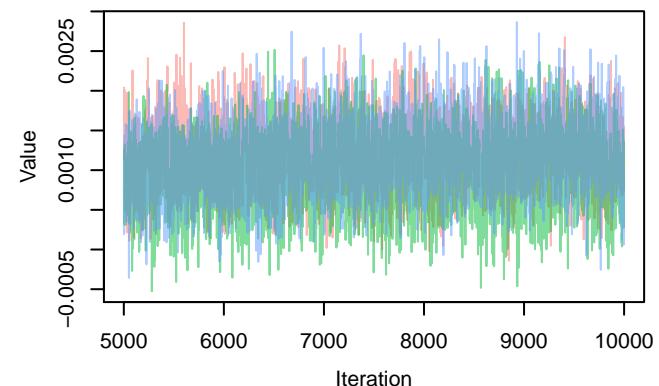
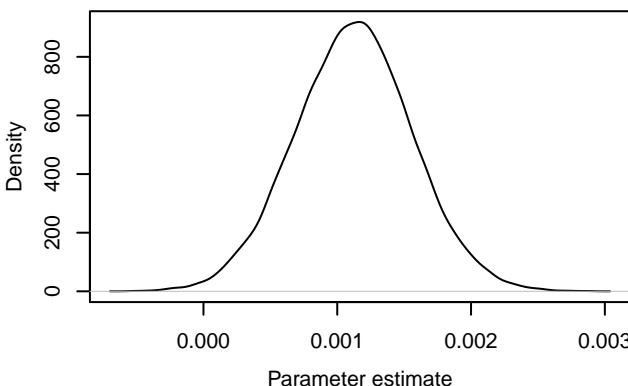
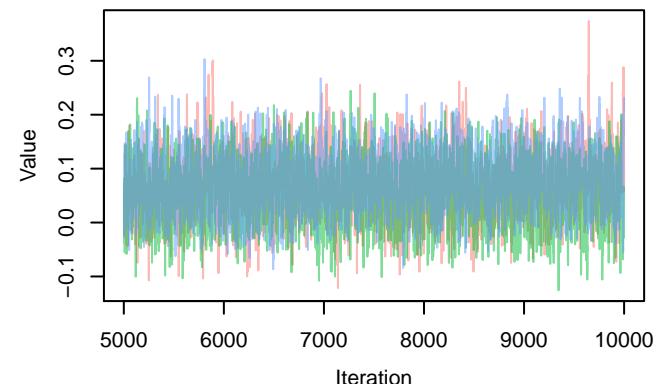
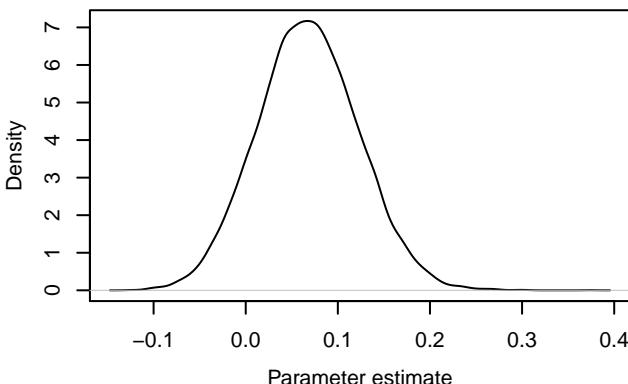
Trace – $B[\text{imperv.100m (C2)}, \text{Amara_lunicollis (S1)}$

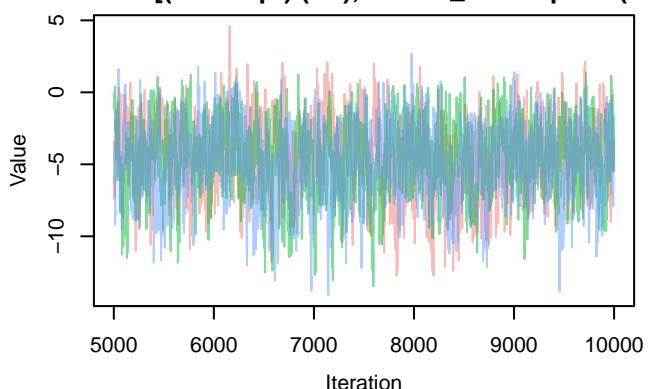
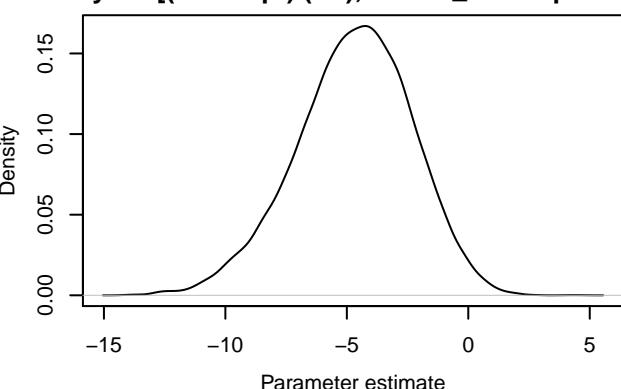
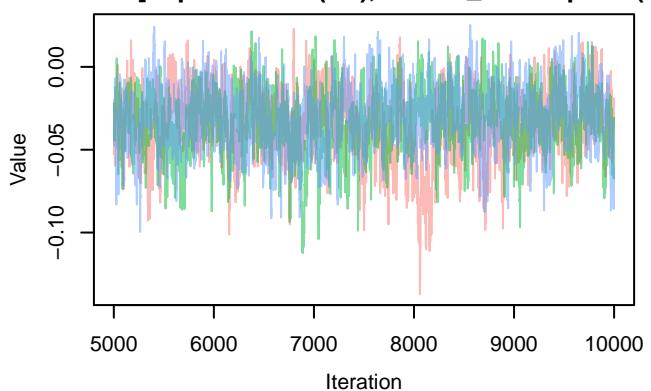
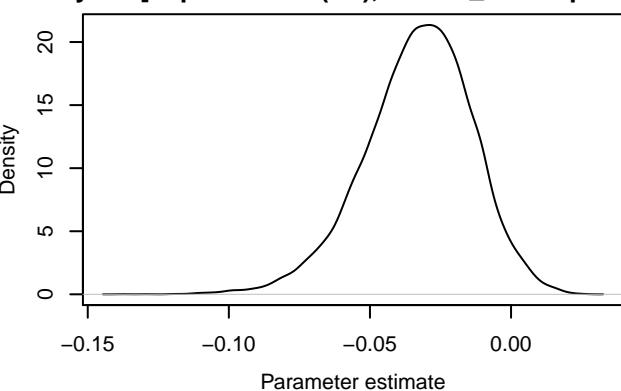
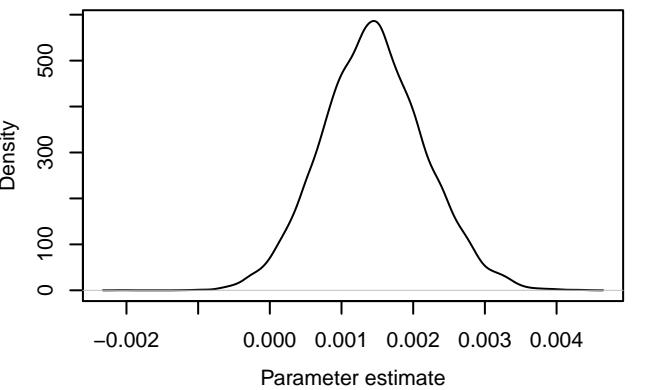
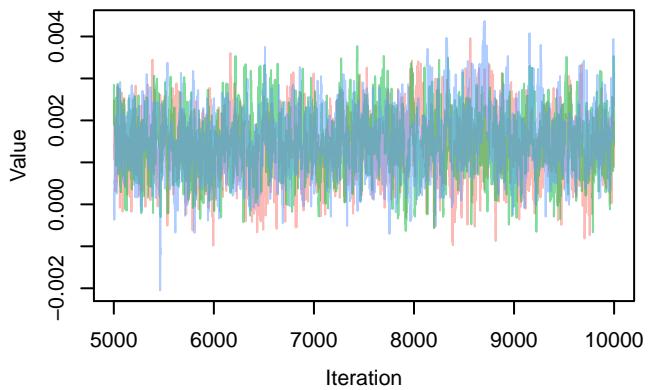


Density – $B[\text{imperv.100m (C2)}, \text{Amara_lunicollis (S1)}$

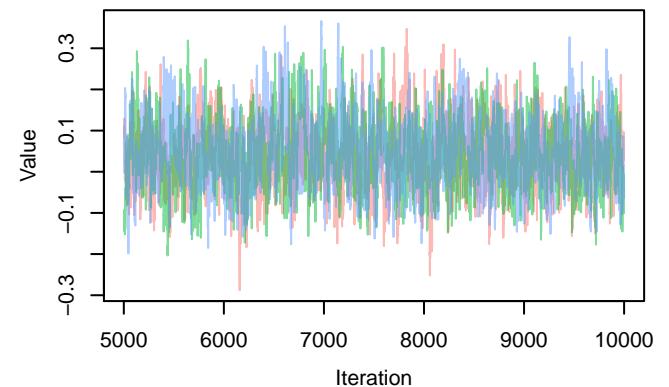


Trace – $B[\text{dist.water.100m (C3)}, \text{Amara_lunicollis}](S)$ Trace – $B[\text{temp.100m (C4)}, \text{Amara_lunicollis}](S14)$ Trace – $B[(\text{Intercept})](C1), \text{Amara_makolskii} (S15)$ 

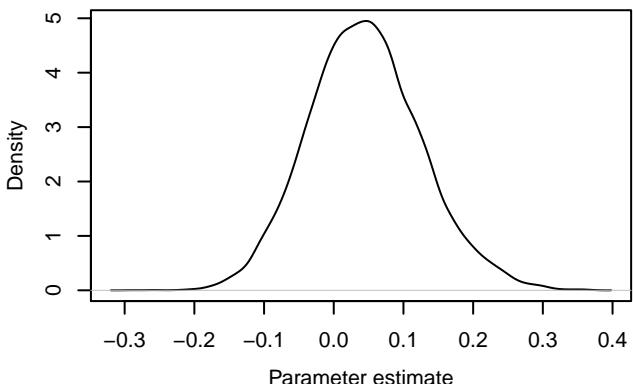
Trace – $B[\text{imperv.}100\text{m (C2), Amara_makolskii (S1)}}$ Density – $B[\text{imperv.}100\text{m (C2), Amara_makolskii (S1)}}$ Trace – $B[\text{dist.water.}100\text{m (C3), Amara_makolskii (S1)}}$ Density – $B[\text{dist.water.}100\text{m (C3), Amara_makolskii (S1)}}$ Trace – $B[\text{temp.}100\text{m (C4), Amara_makolskii (S15)}}$ Density – $B[\text{temp.}100\text{m (C4), Amara_makolskii (S15)}}$ 

Trace – $B[(\text{Intercept}) (\text{C1})]$, Amara_municipalis (S1)Density – $B[(\text{Intercept}) (\text{C1})]$, Amara_municipalis (S1)Trace – $B[\text{imperv.}100\text{m} (\text{C2})]$, Amara_municipalis (S1)Density – $B[\text{imperv.}100\text{m} (\text{C2})]$, Amara_municipalis (S1)Trace – $B[\text{dist.water.}100\text{m} (\text{C3})]$, Amara_municipalis (Density – $B[\text{dist.water.}100\text{m} (\text{C3})]$, Amara_municipalis)

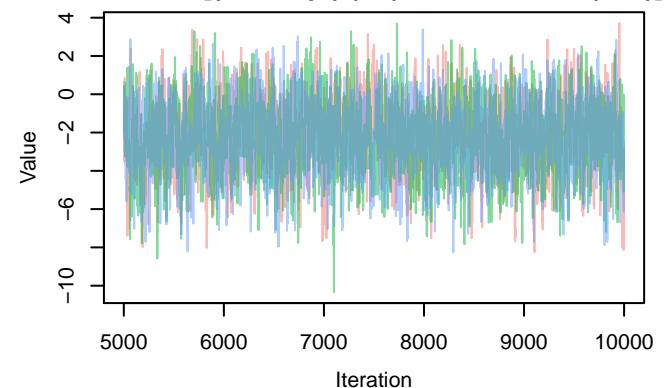
Trace – $B[\text{temp.100m (C4)}, \text{Amara_municipalis (S1)}$



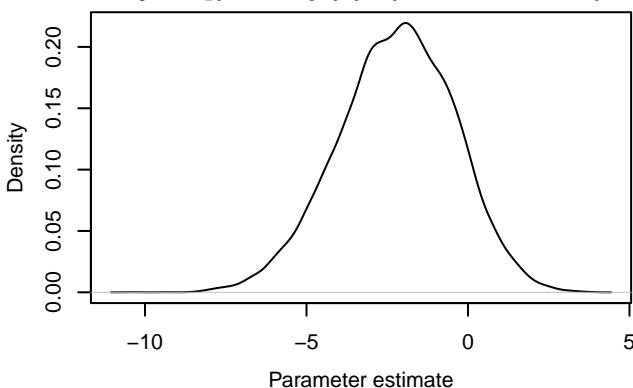
Density – $B[\text{temp.100m (C4)}, \text{Amara_municipalis (S1)}$



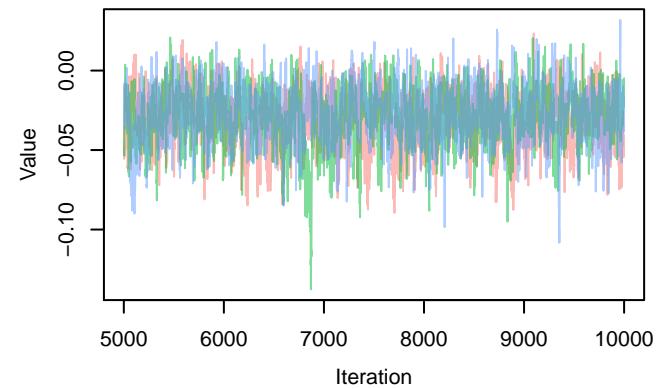
Trace – $B[(\text{Intercept}) (\text{C1}), \text{Amara_ovata (S17)}]$



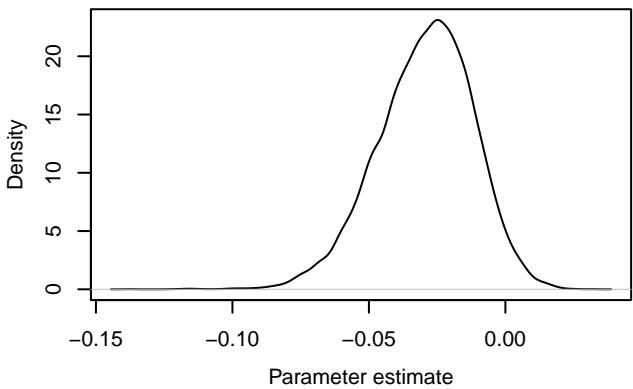
Density – $B[(\text{Intercept}) (\text{C1}), \text{Amara_ovata (S17)}$

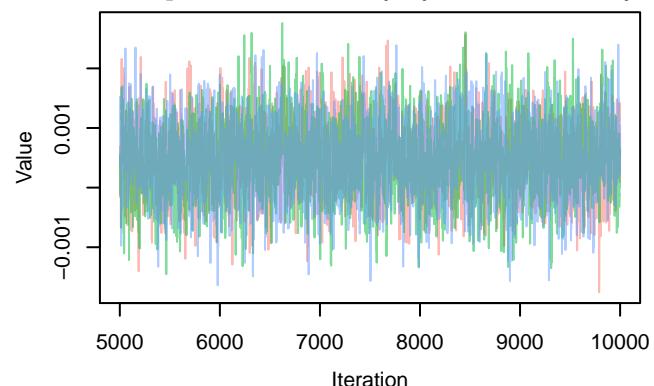
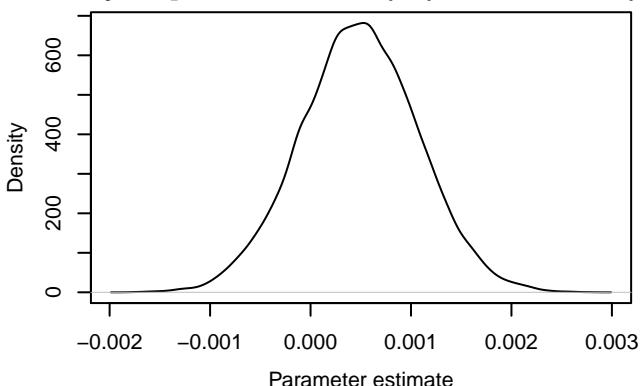
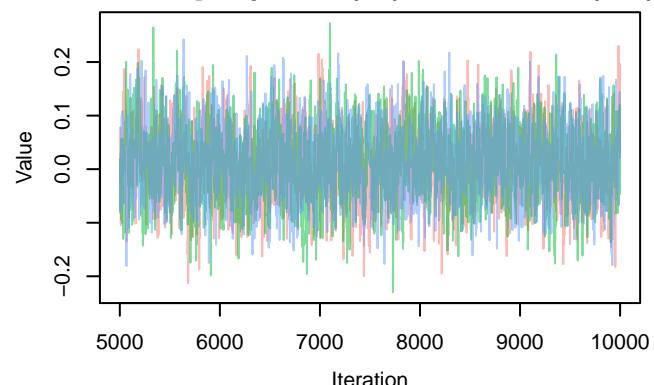
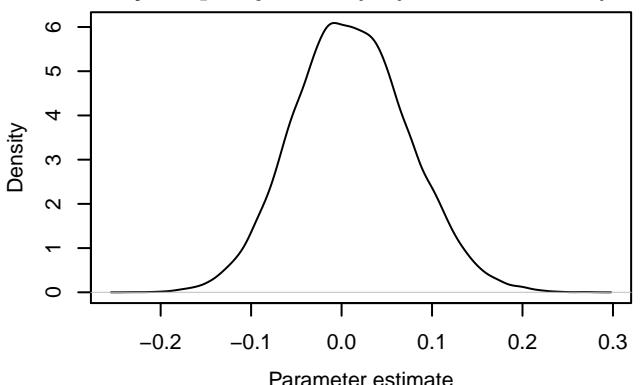
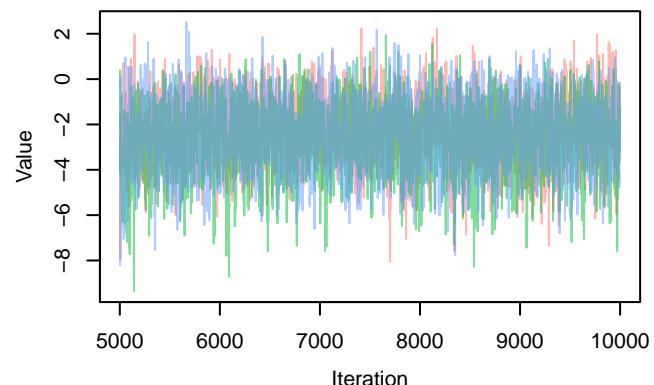
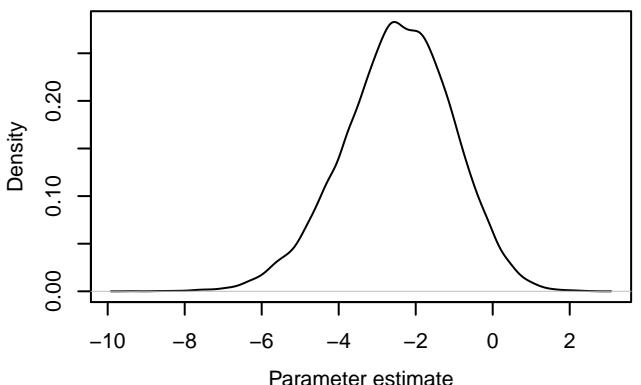


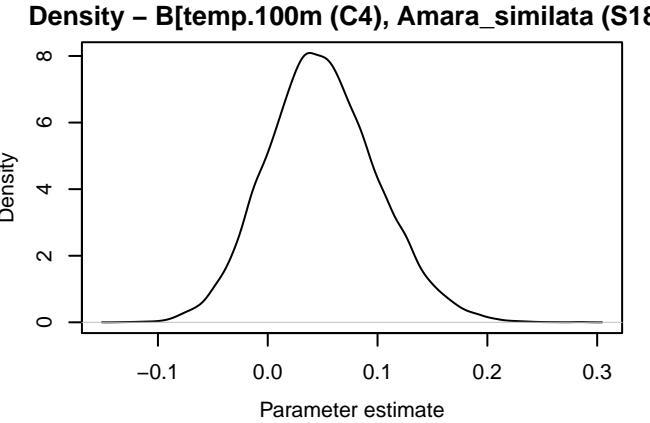
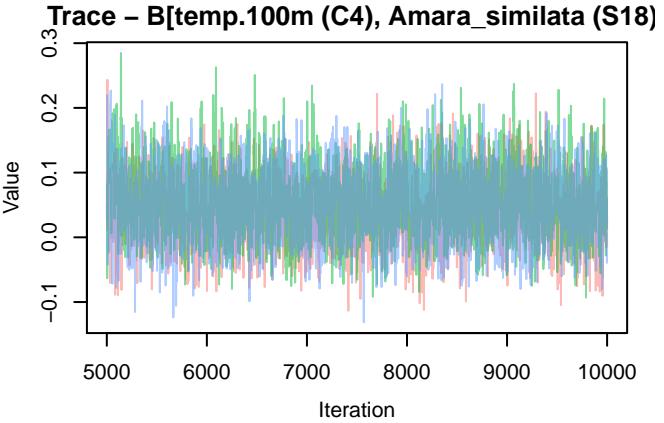
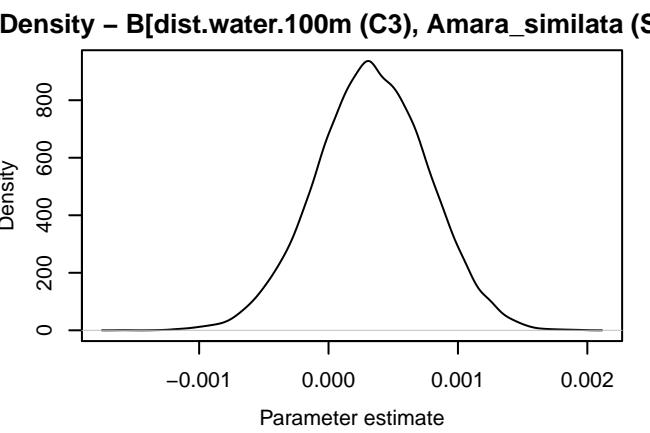
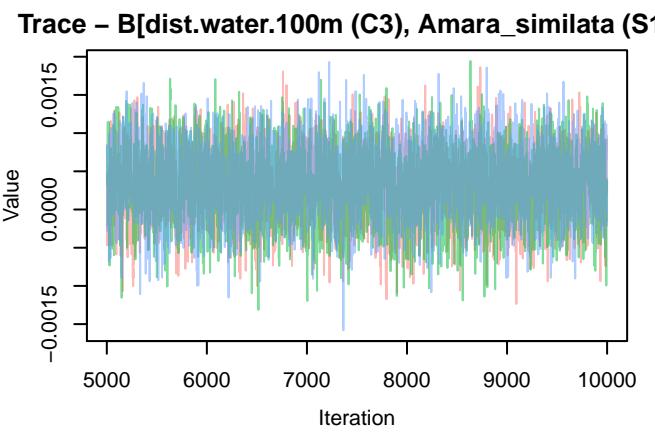
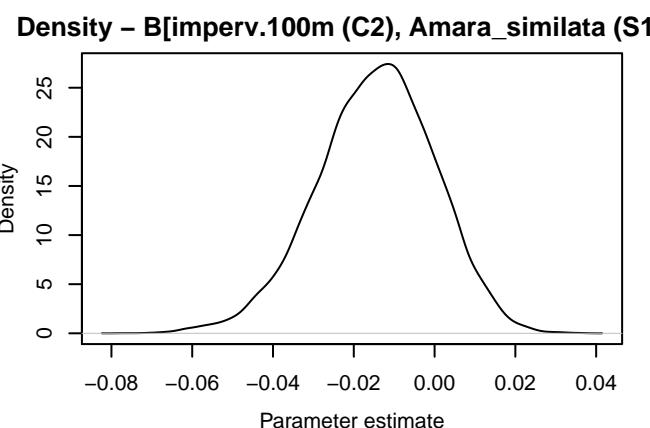
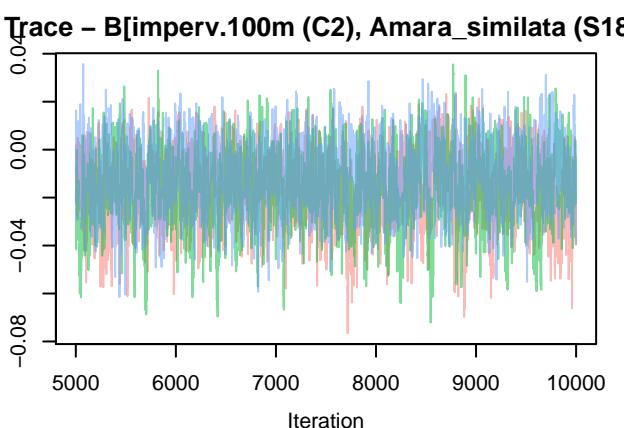
Trace – $B[\text{imperv.100m (C2)}, \text{Amara_ovata (S17)}$



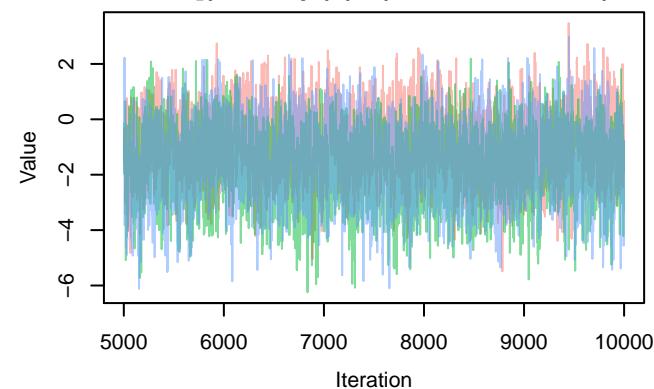
Density – $B[\text{imperv.100m (C2)}, \text{Amara_ovata (S17)}$



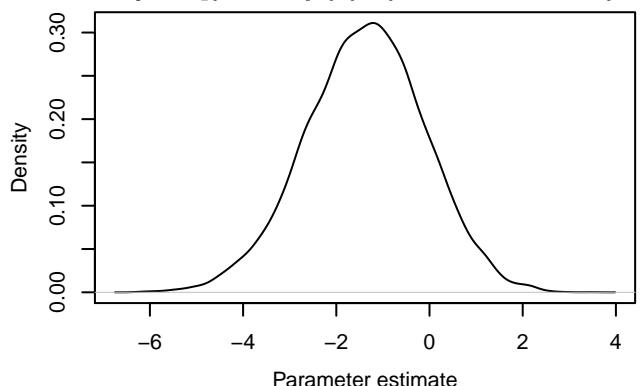
Trace – $B[\text{dist.water.100m (C3)}, \text{Amara_ovata (S17)}]$ Density – $B[\text{dist.water.100m (C3)}, \text{Amara_ovata (S17)}]$ Trace – $B[\text{temp.100m (C4)}, \text{Amara_ovata (S17)}]$ Density – $B[\text{temp.100m (C4)}, \text{Amara_ovata (S17)}]$ Trace – $B[(\text{Intercept}) (\text{C1})], \text{Amara_similata (S18)}$ Density – $B[(\text{Intercept}) (\text{C1})], \text{Amara_similata (S18)}$ 



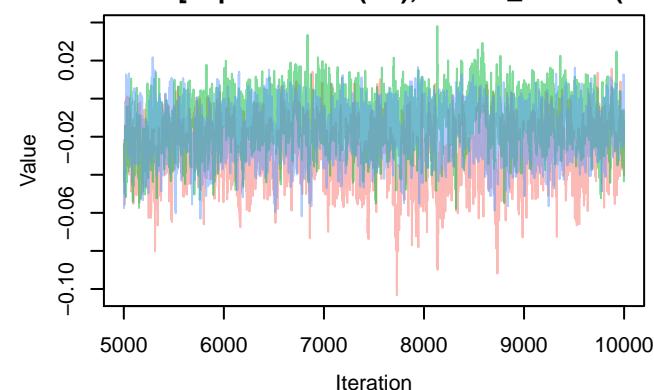
Trace – $B[(\text{Intercept}) \text{ (C1)}, \text{Amara_tibialis (S19)}]$



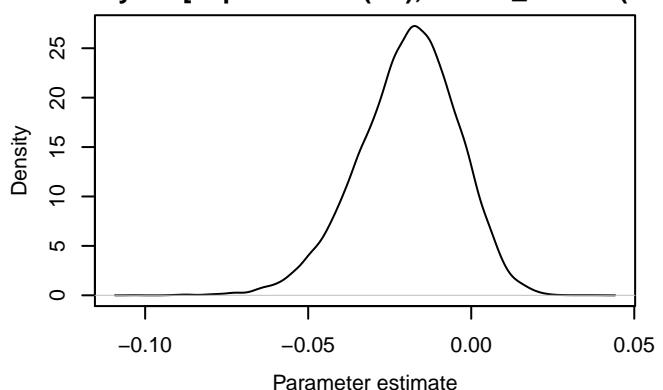
Density – $B[(\text{Intercept}) \text{ (C1)}, \text{Amara_tibialis (S19)}]$



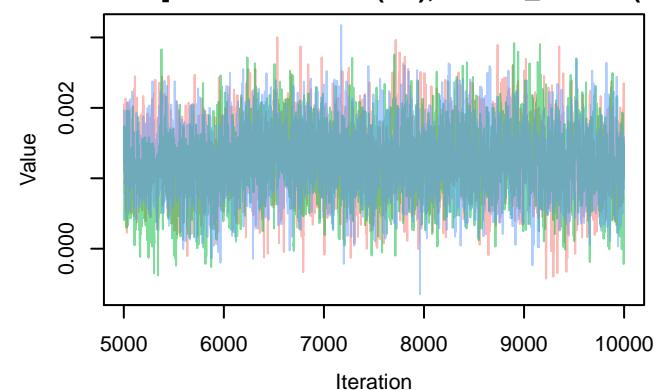
Trace – $B[\text{imperv.100m (C2)}, \text{Amara_tibialis (S19)}]$



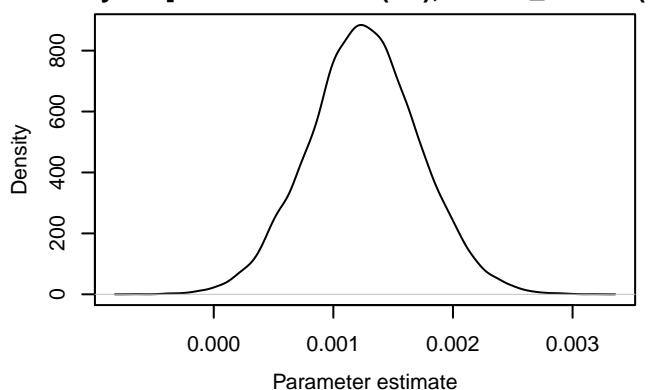
Density – $B[\text{imperv.100m (C2)}, \text{Amara_tibialis (S19)}]$

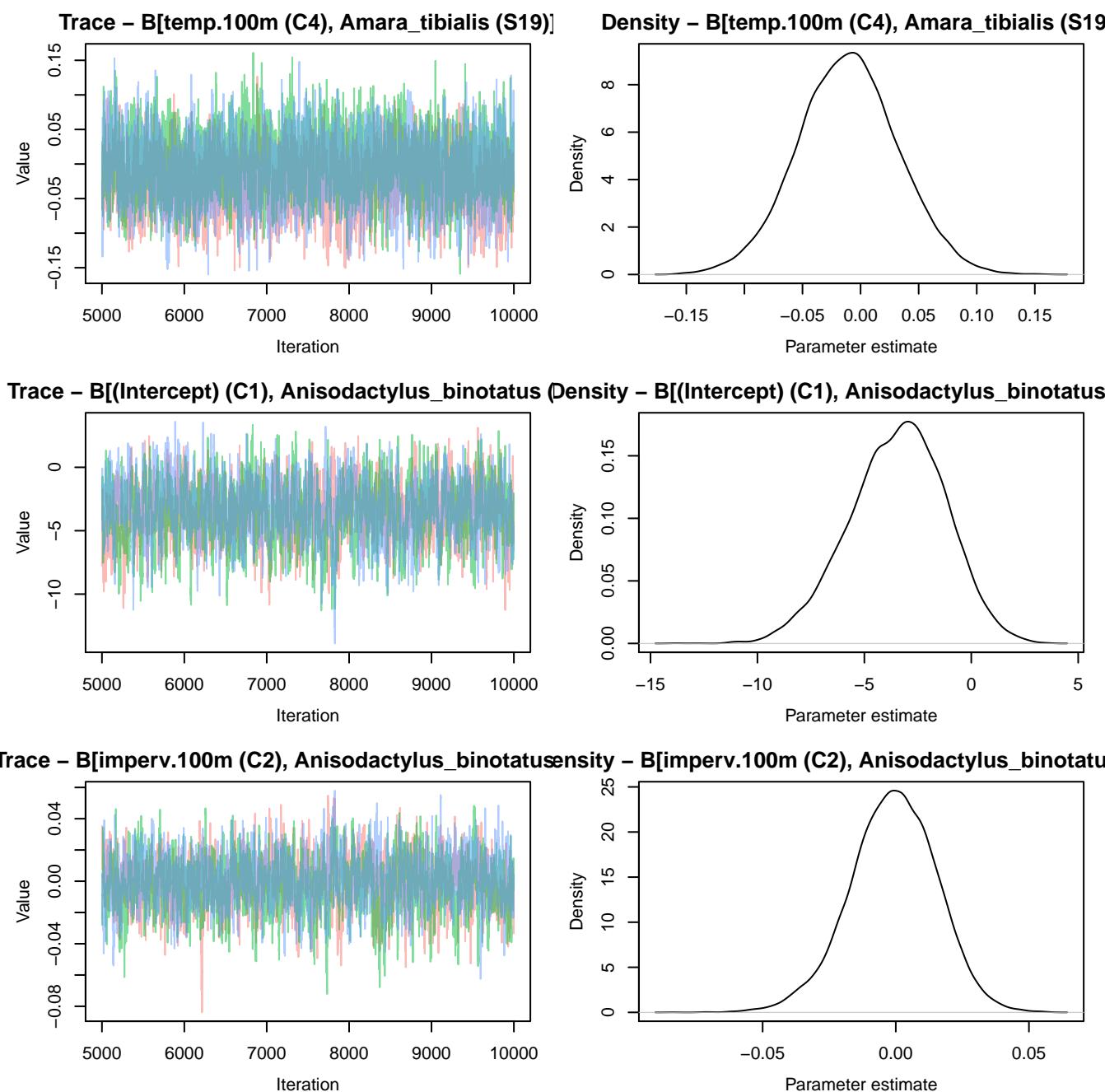


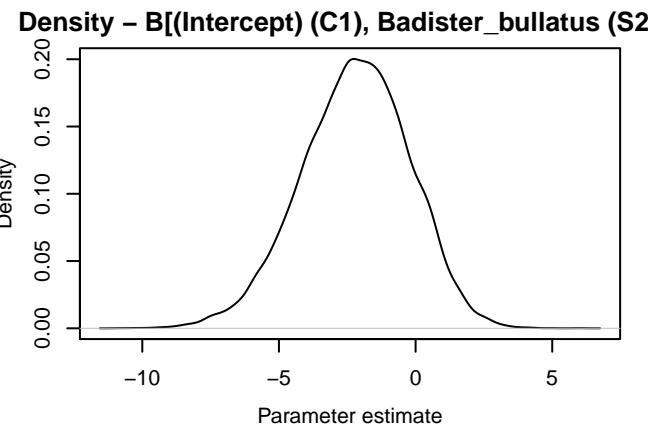
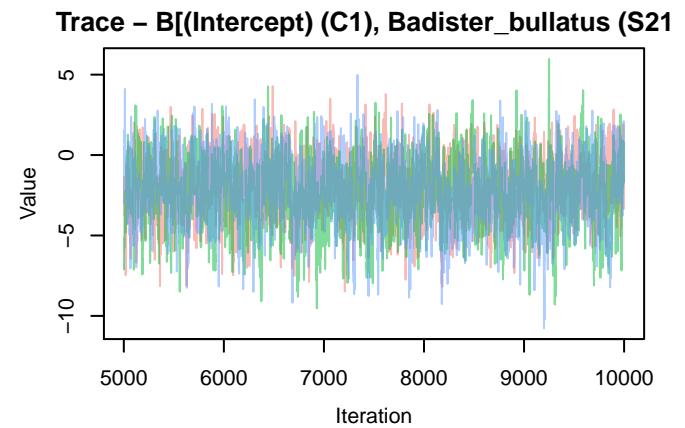
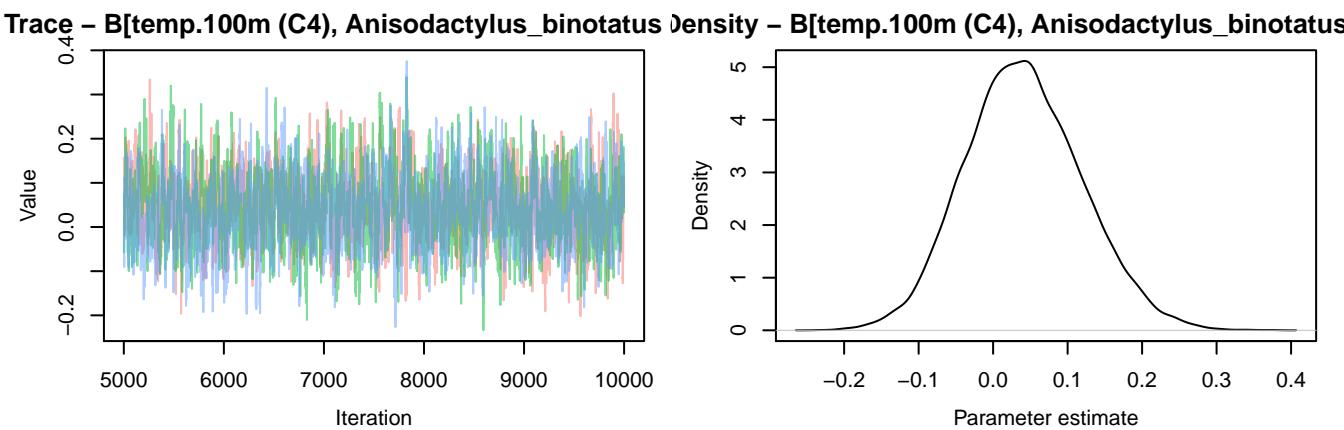
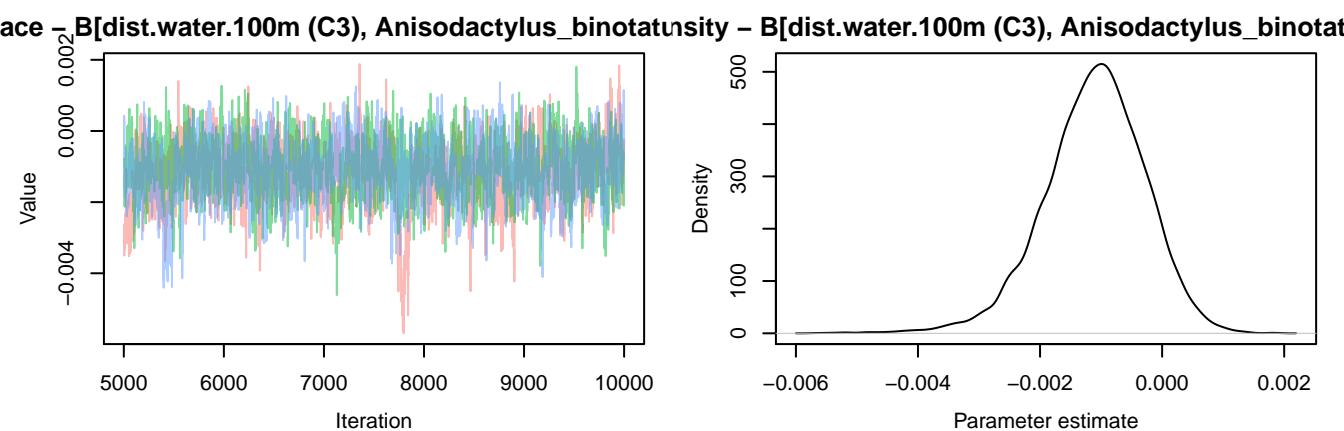
Trace – $B[\text{dist.water.100m (C3)}, \text{Amara_tibialis (S19)}]$

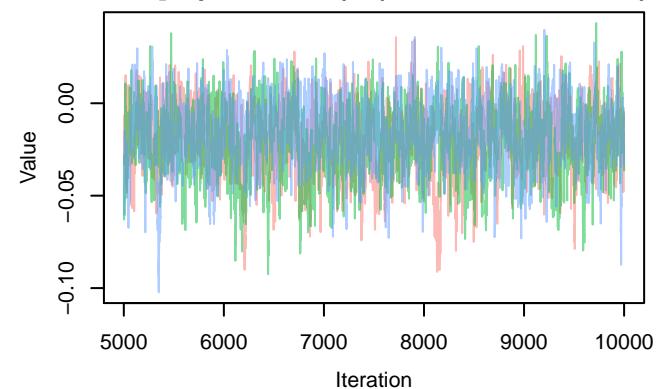
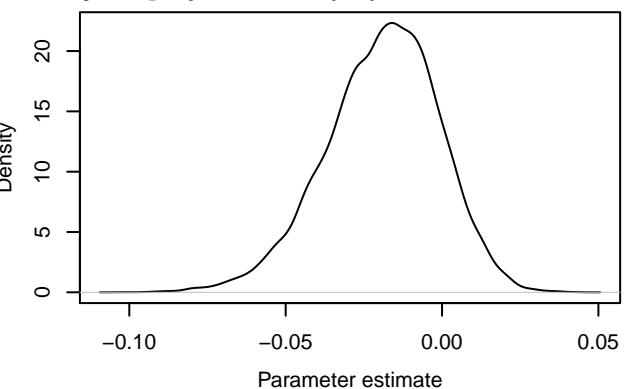
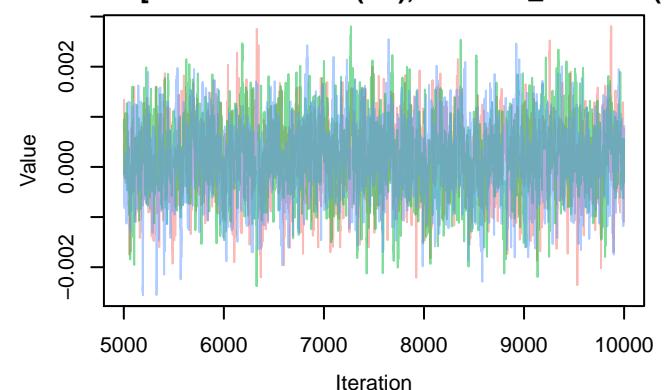
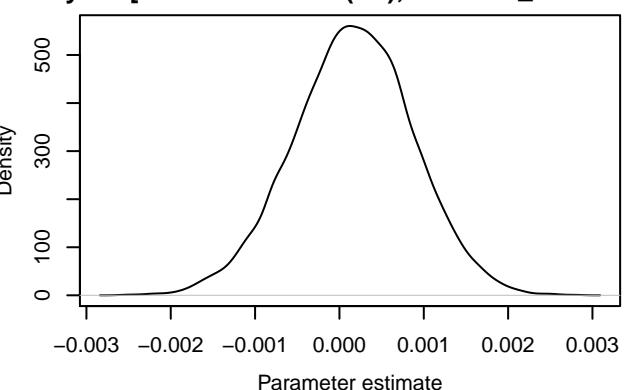
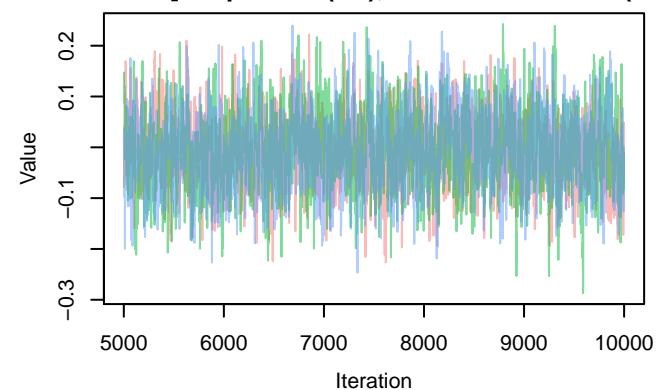
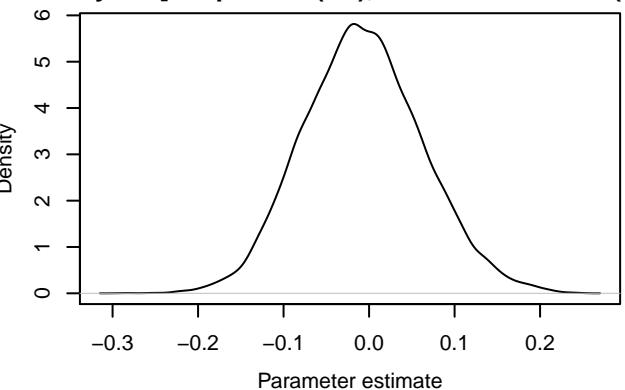


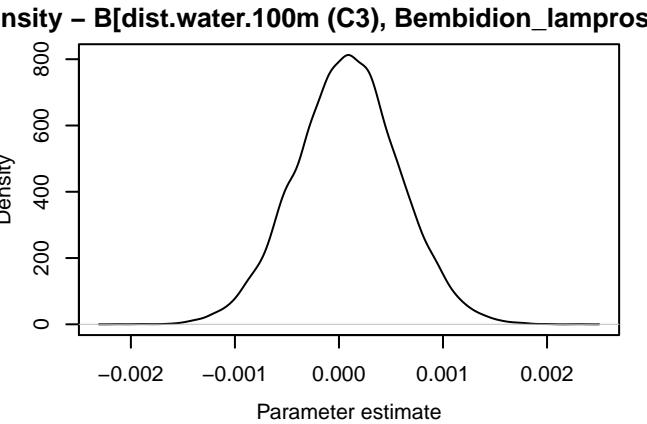
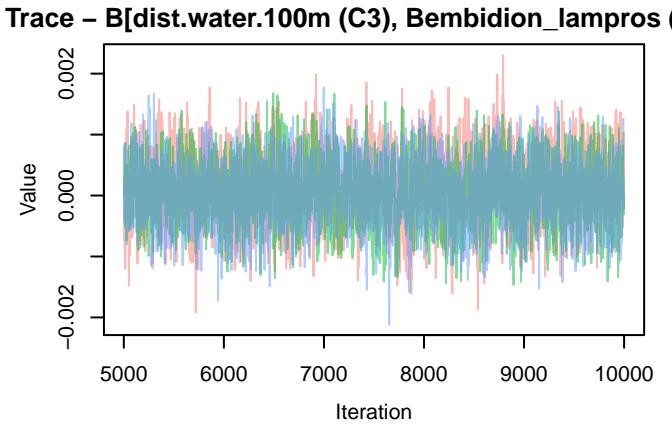
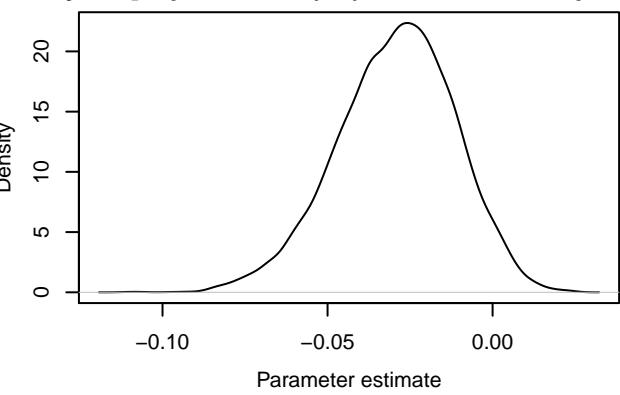
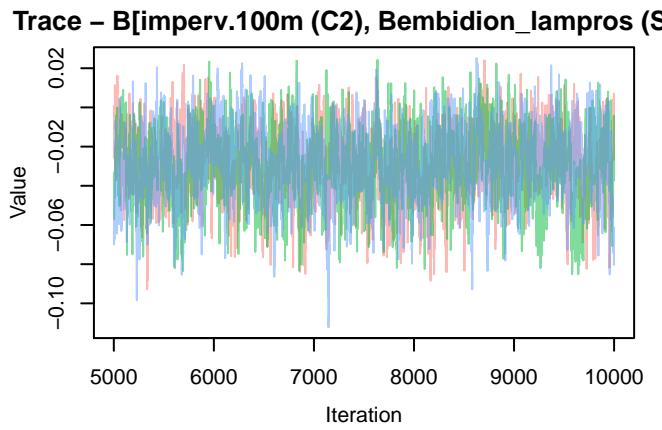
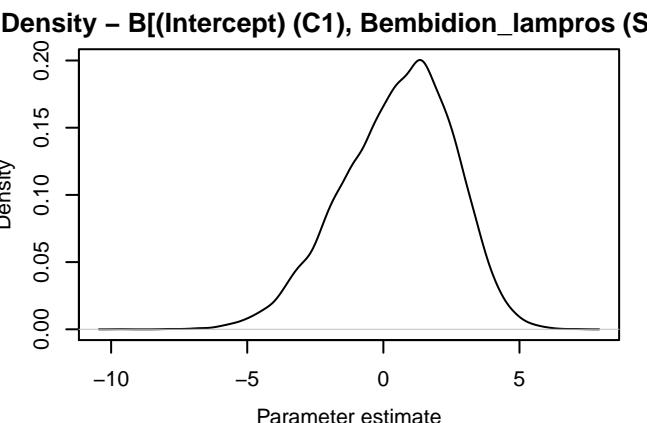
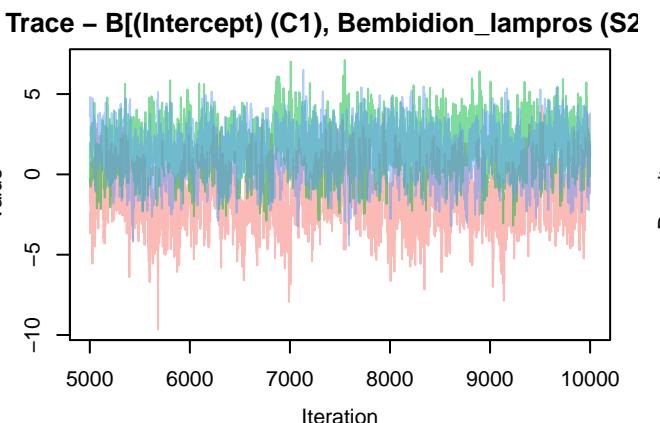
Density – $B[\text{dist.water.100m (C3)}, \text{Amara_tibialis (S19)}]$

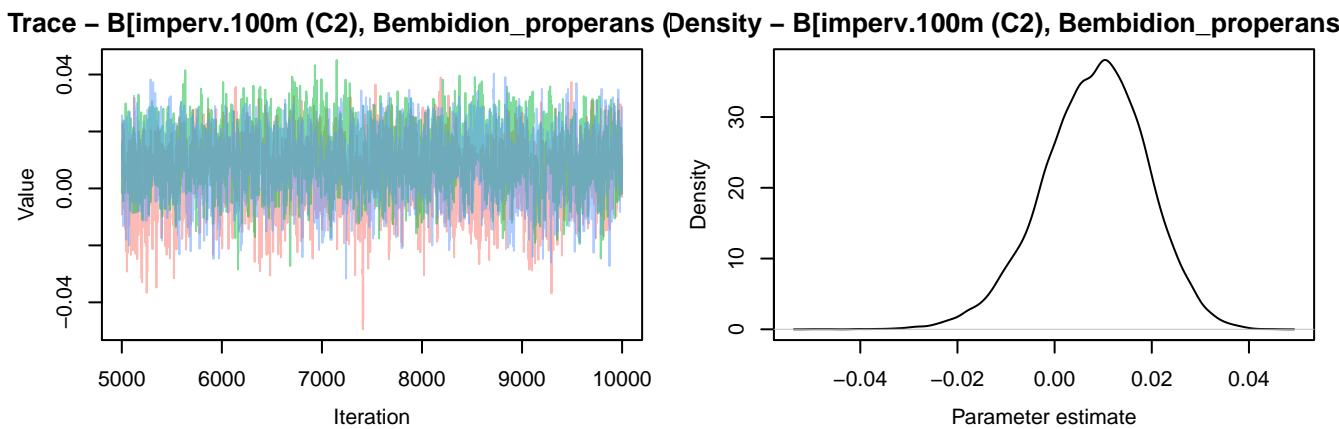
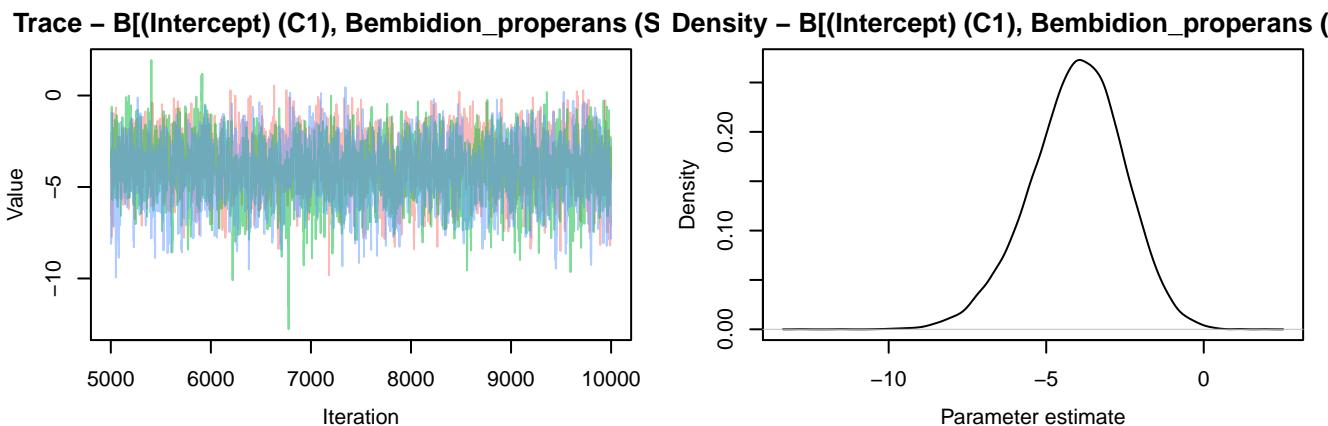
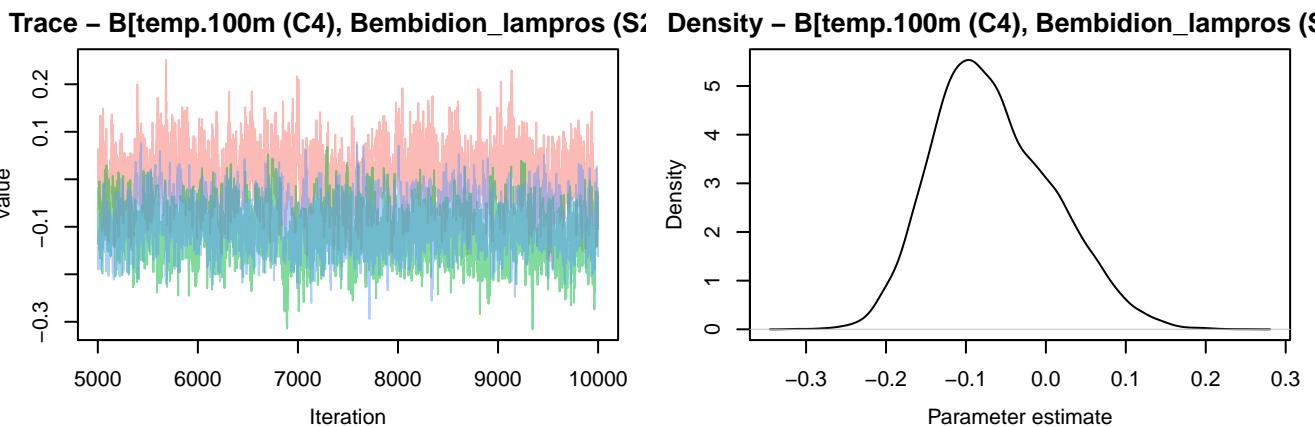


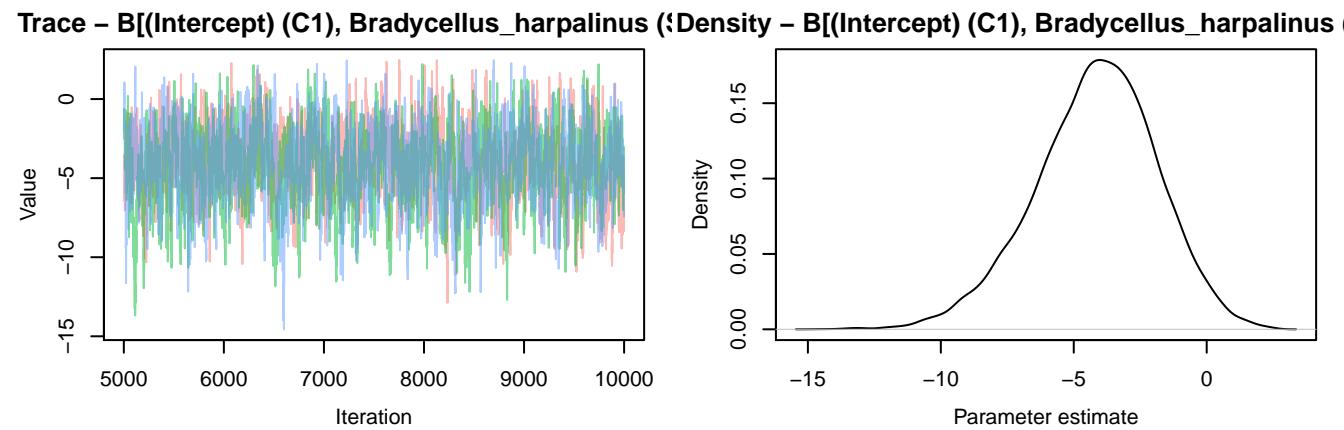
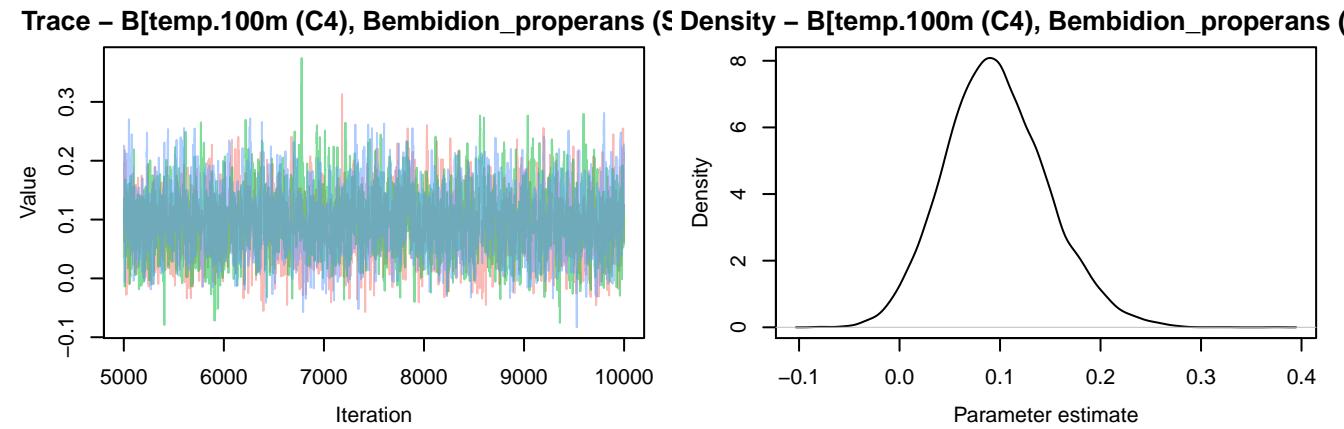
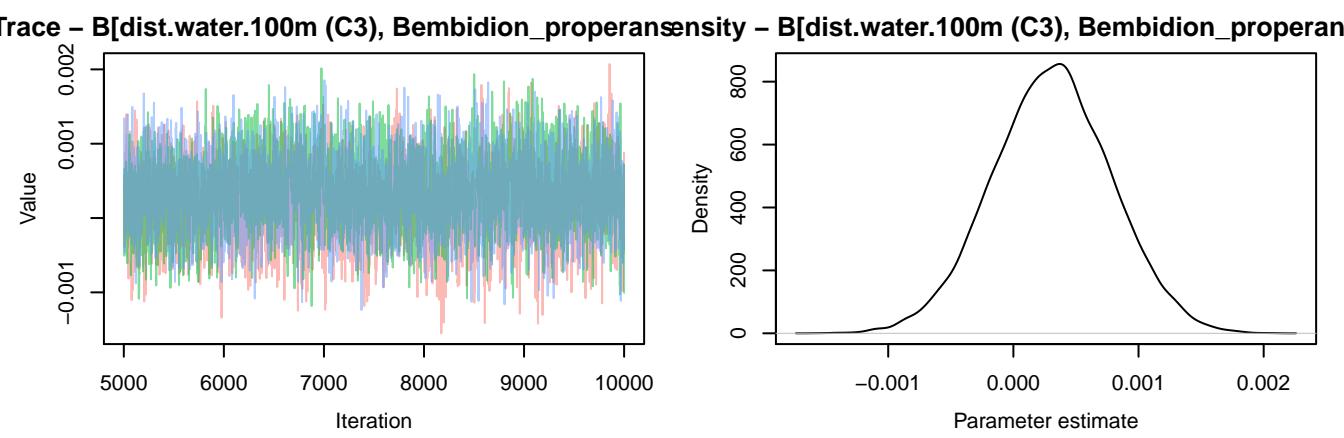


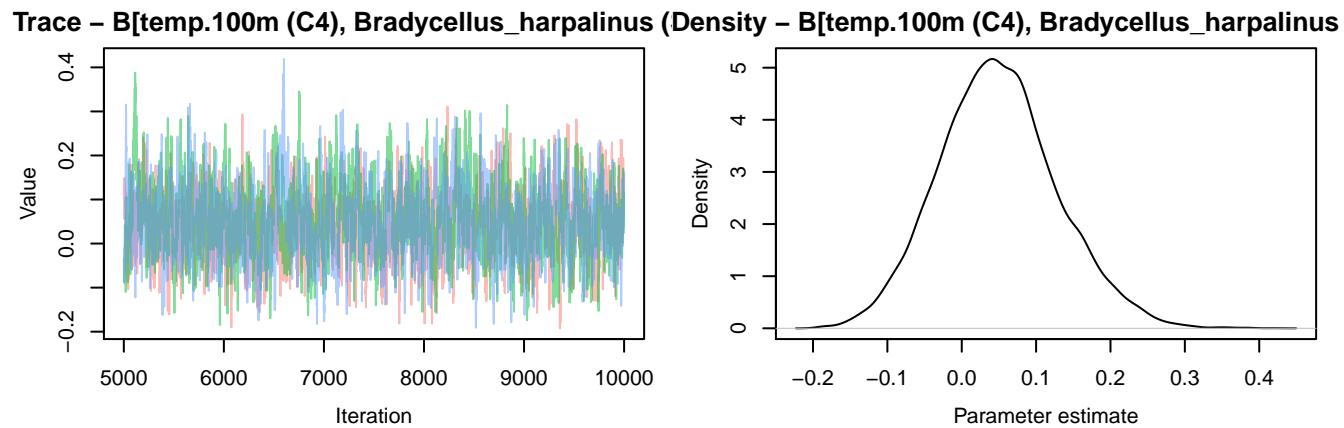
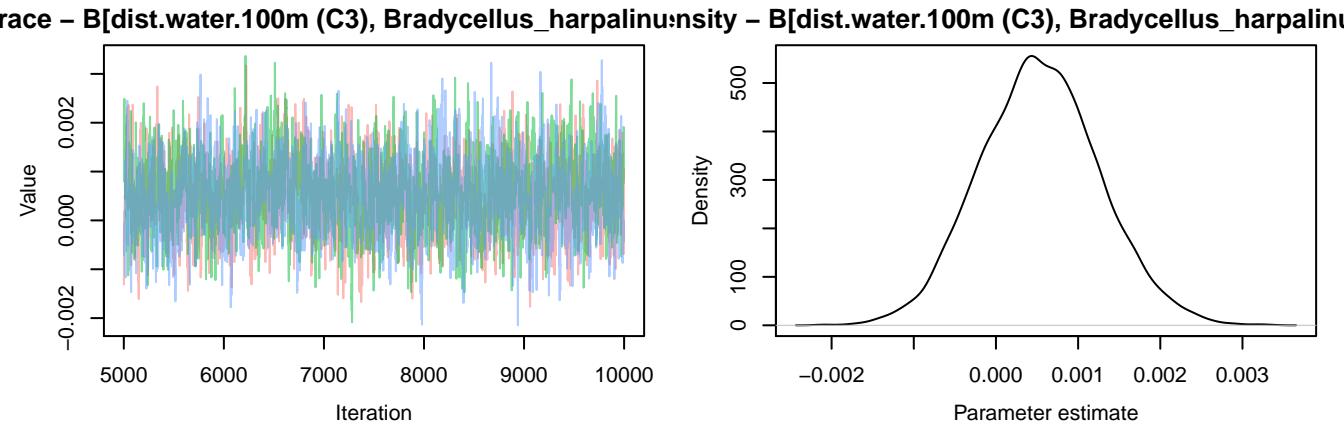
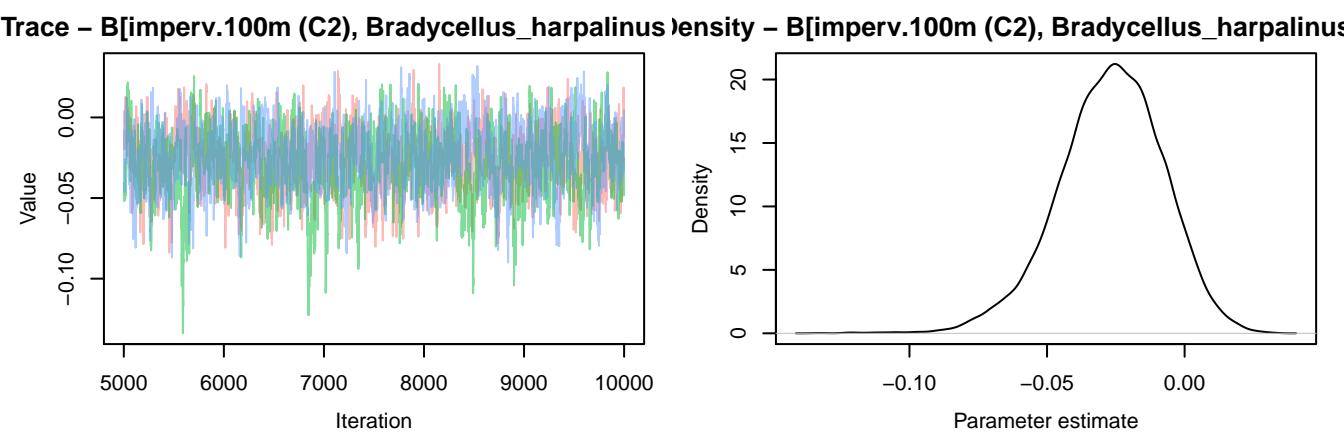


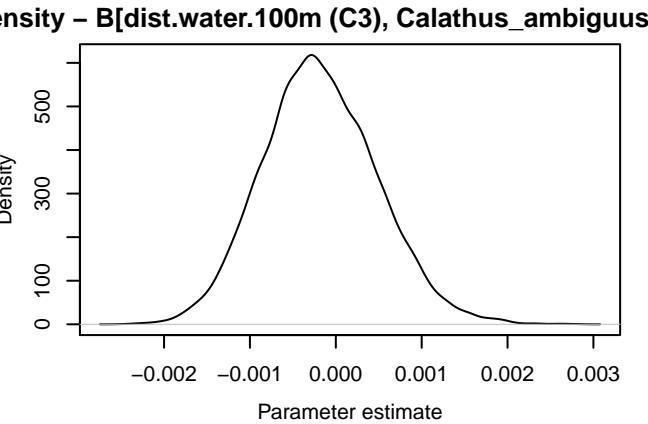
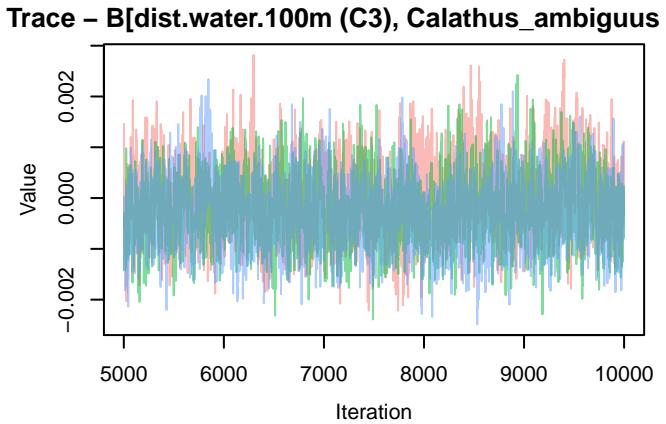
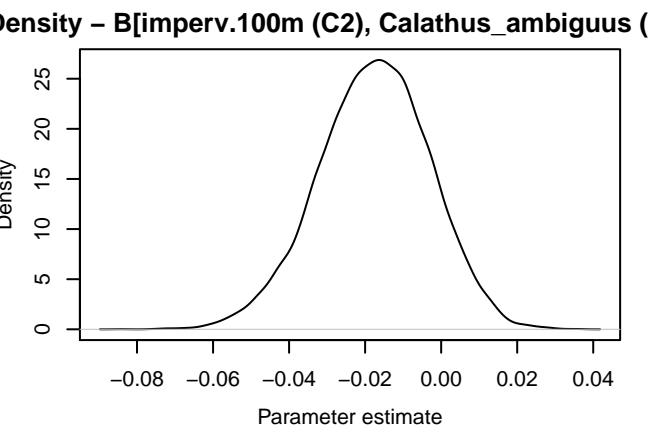
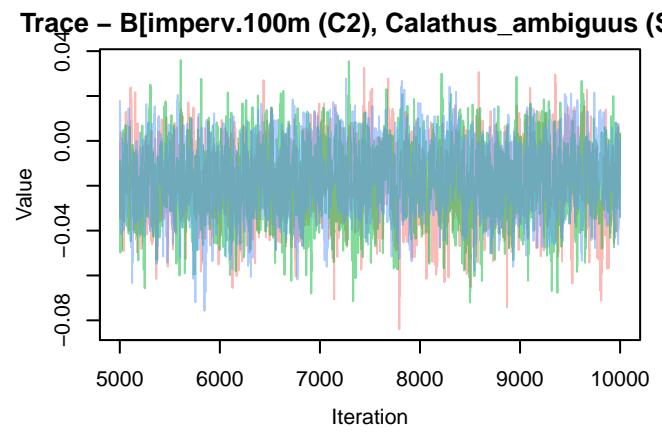
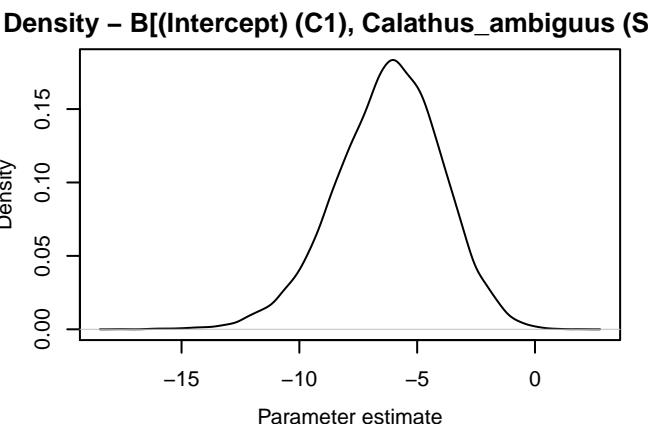
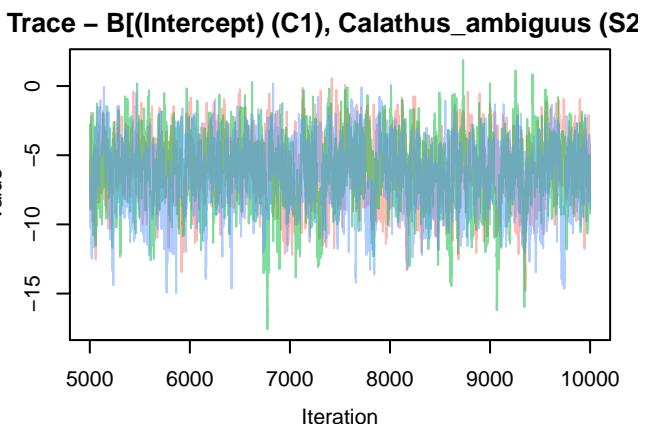
Trace – $B[\text{imperv.}100\text{m (C2)}, \text{Badister_bullatus (S2)}$ Density – $B[\text{imperv.}100\text{m (C2)}, \text{Badister_bullatus (S2)}$ Trace – $B[\text{dist.water.}100\text{m (C3)}, \text{Badister_bullatus (S2)}$ Density – $B[\text{dist.water.}100\text{m (C3)}, \text{Badister_bullatus (S2)}$ Trace – $B[\text{temp.}100\text{m (C4)}, \text{Badister_bullatus (S2)}$ Density – $B[\text{temp.}100\text{m (C4)}, \text{Badister_bullatus (S2)}$ 

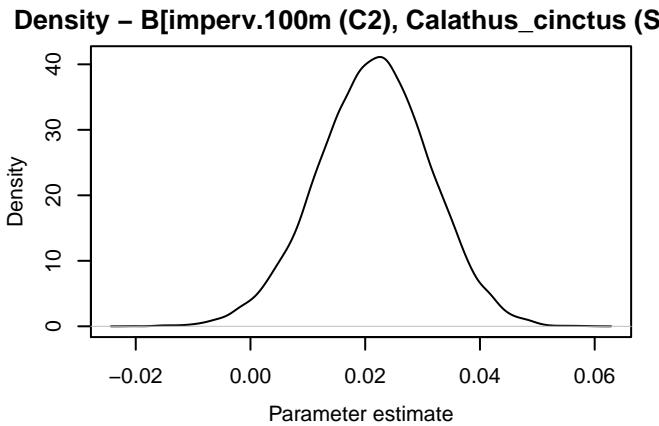
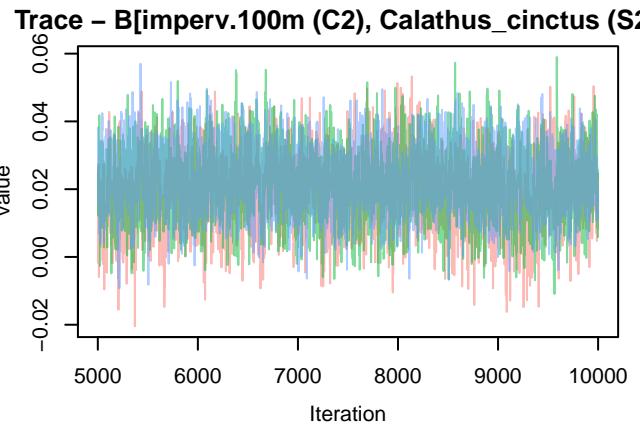
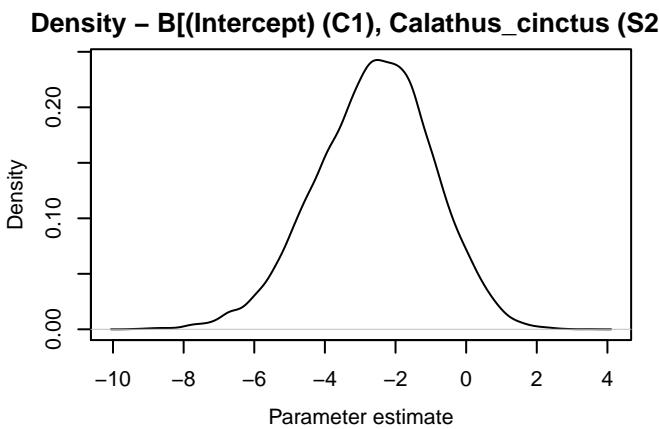
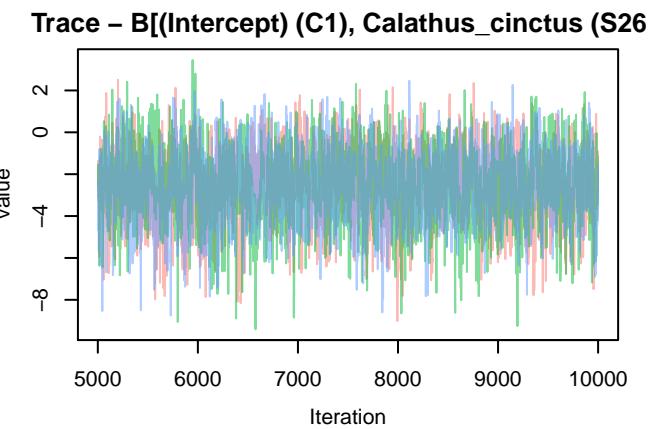
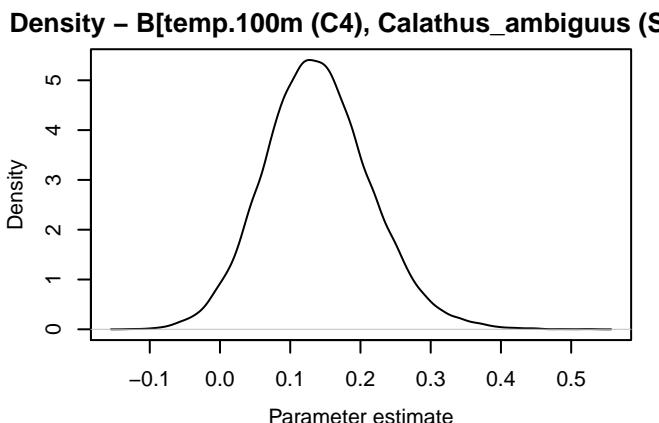
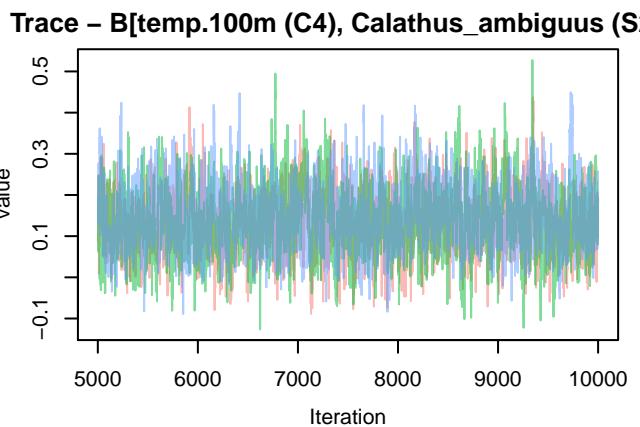




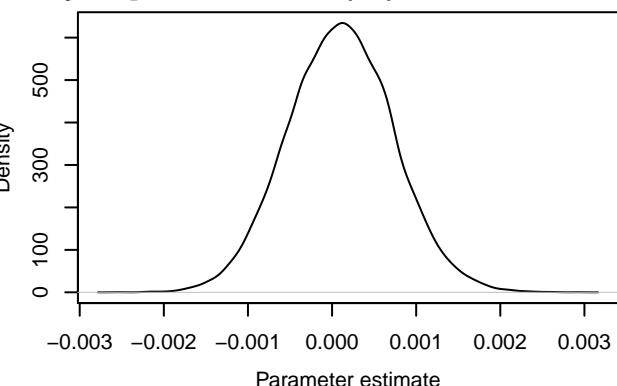
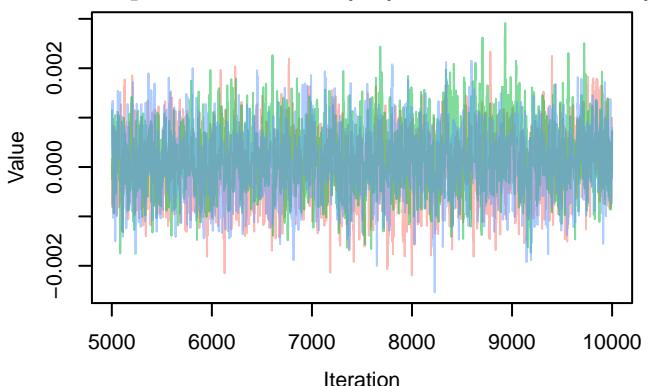




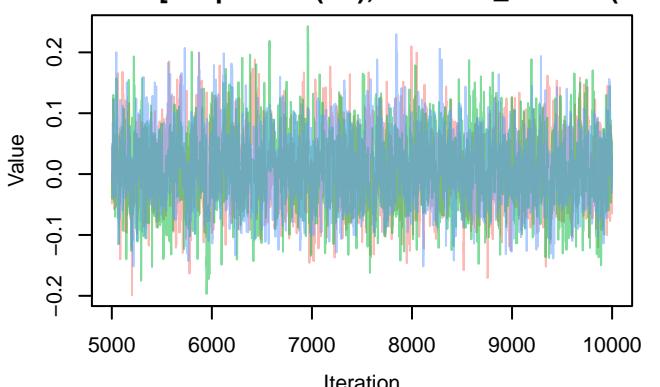




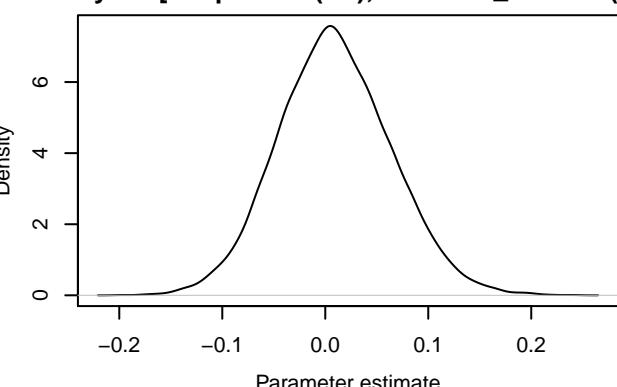
Trace – $B[\text{dist.water.100m (C3)}, \text{Calathus_cinctus} (\text{S})]$ Density – $B[\text{dist.water.100m (C3)}, \text{Calathus_cinctus} (\text{S})]$



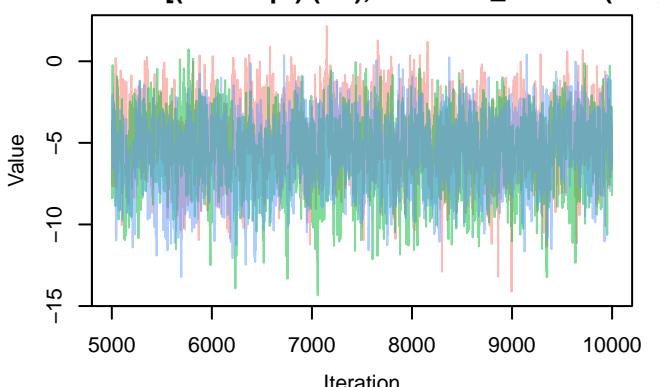
Trace – $B[\text{temp.100m (C4)}, \text{Calathus_cinctus} (\text{S26})]$



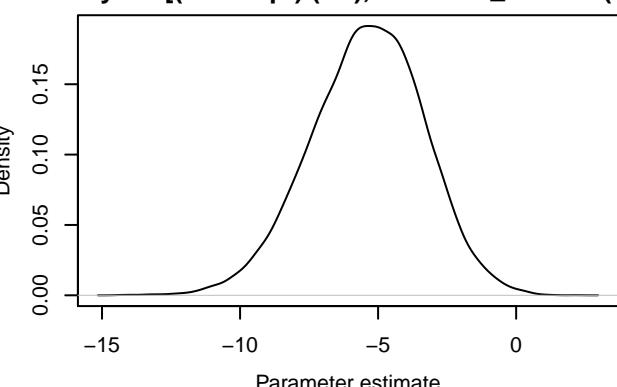
Density – $B[\text{temp.100m (C4)}, \text{Calathus_cinctus} (\text{S26})]$

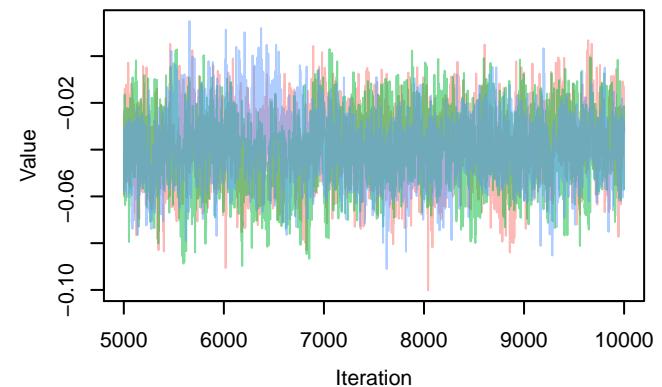
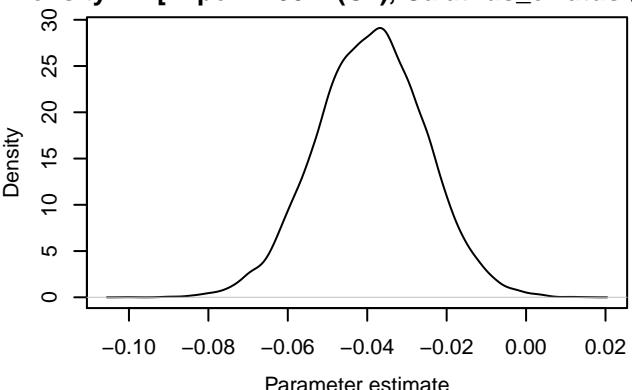
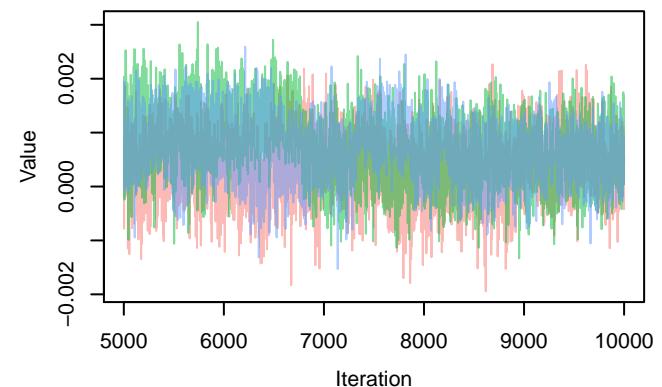
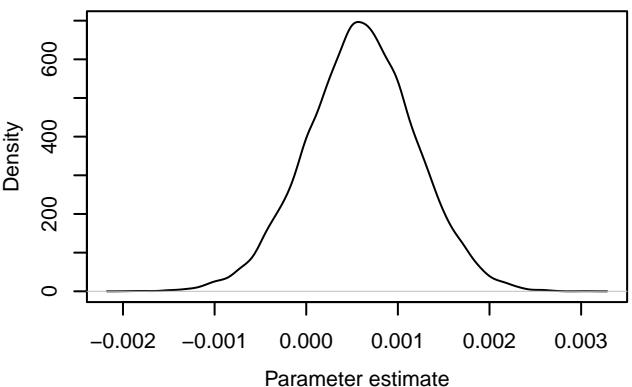
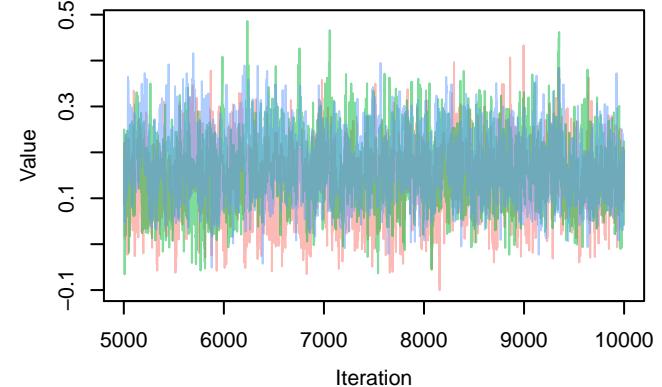
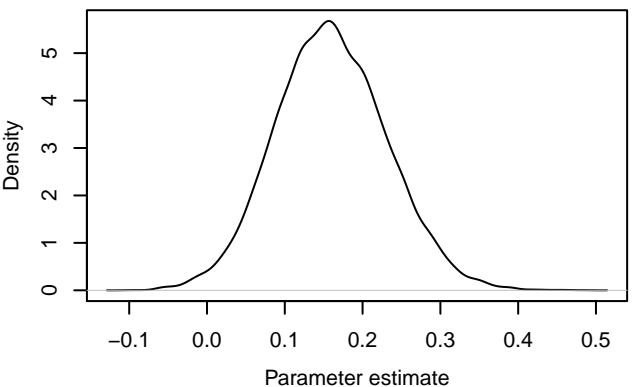


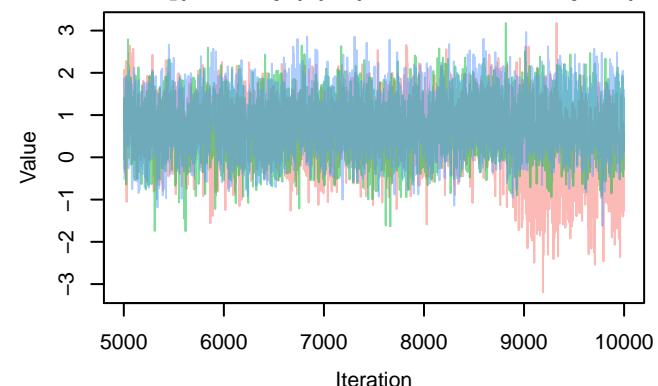
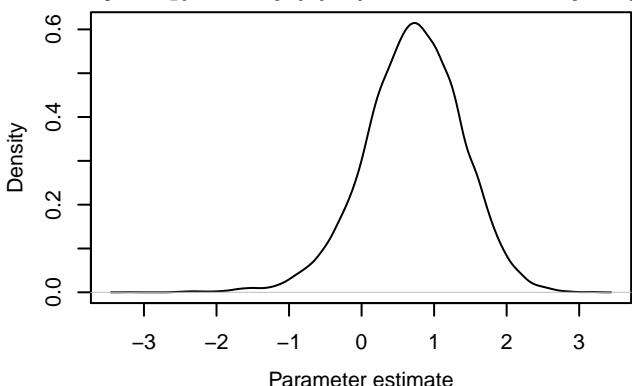
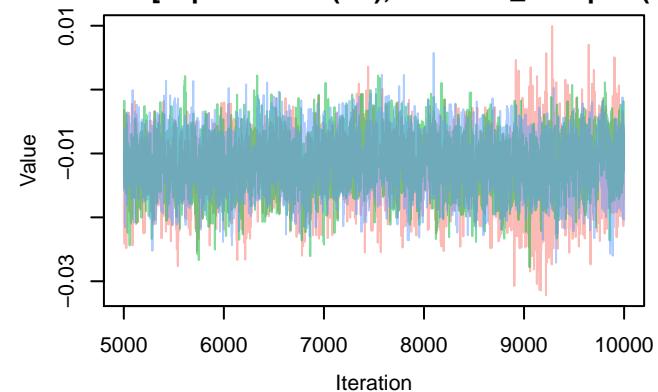
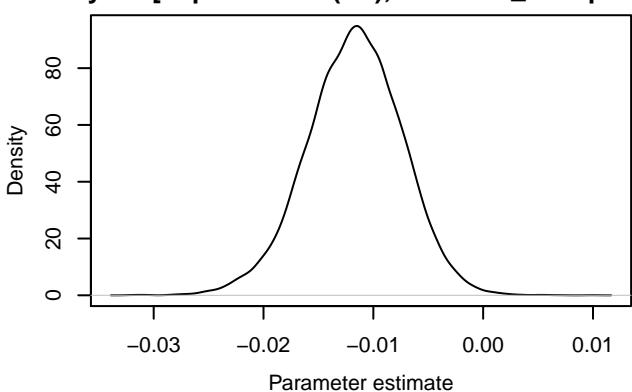
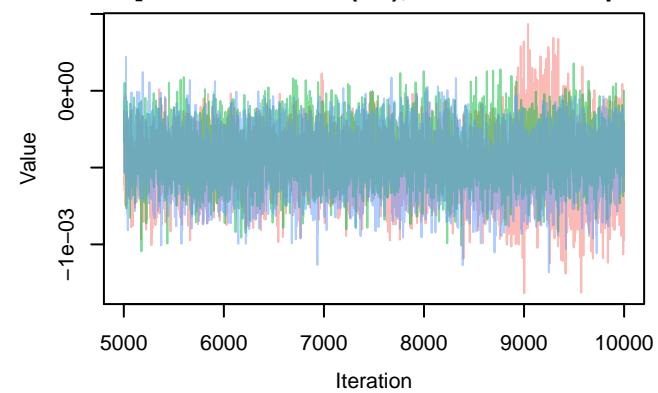
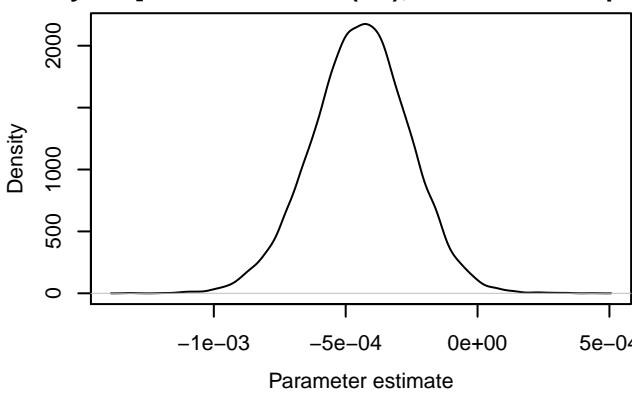
Trace – $B[(\text{Intercept}) (\text{C1}), \text{Calathus_erratus} (\text{S27})]$

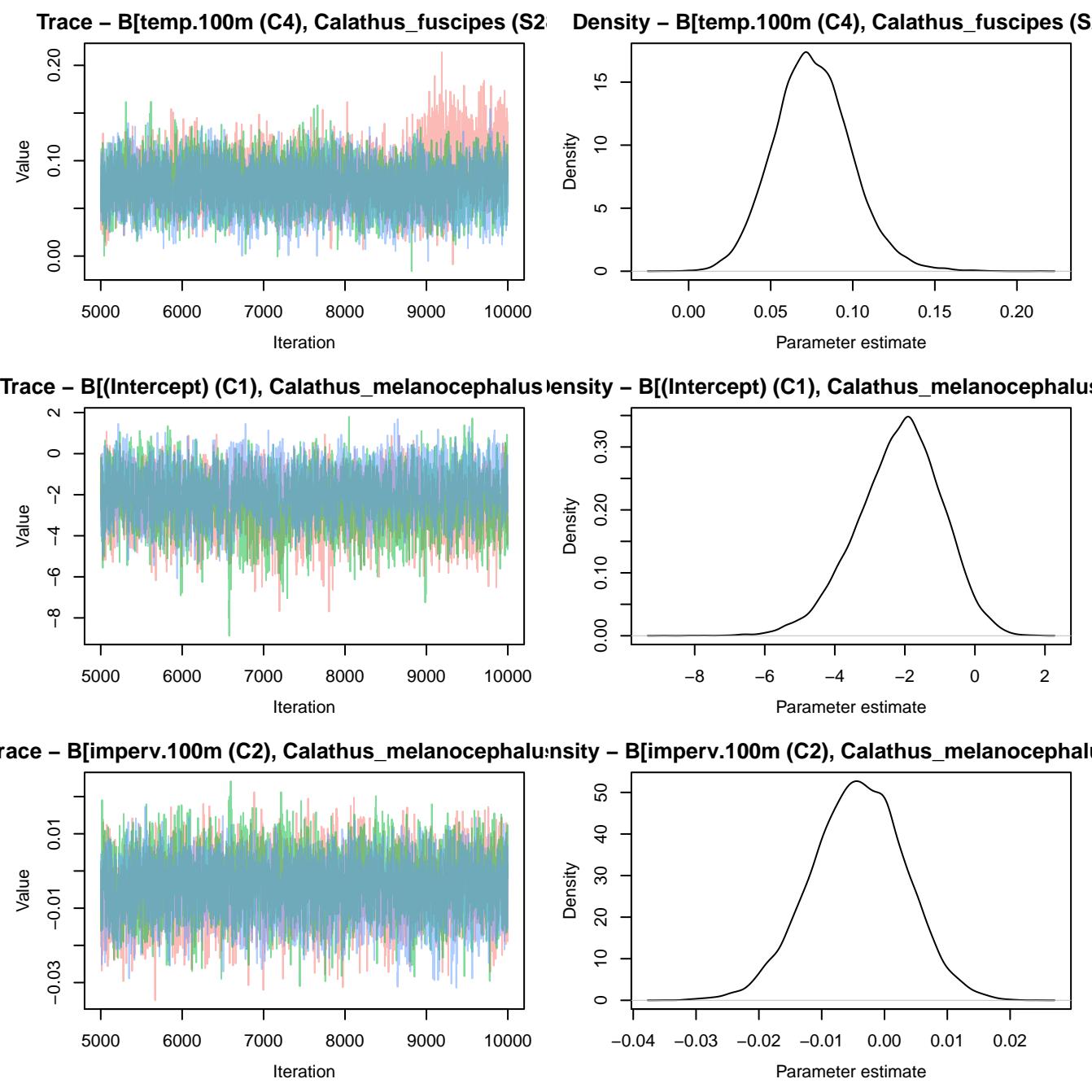


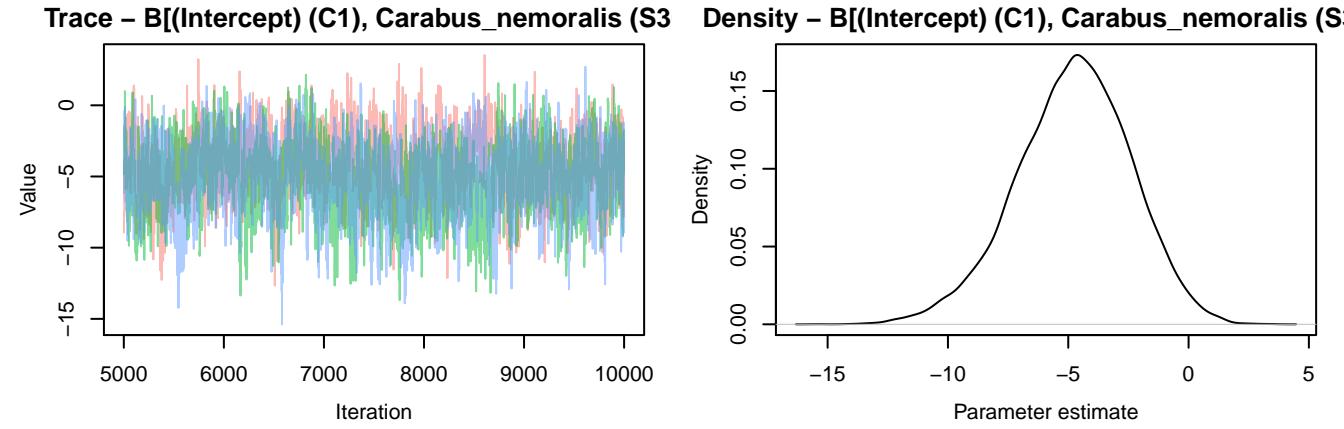
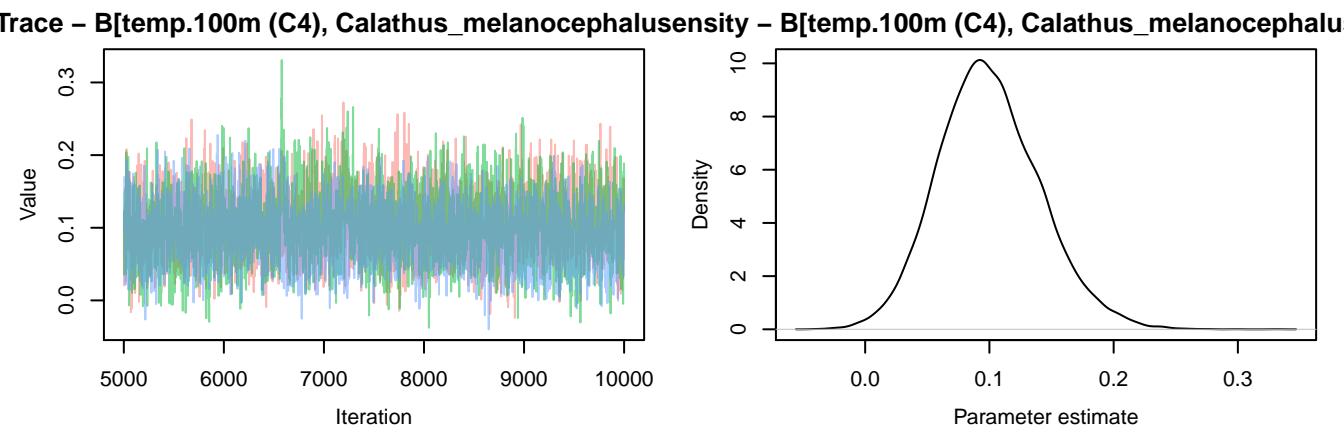
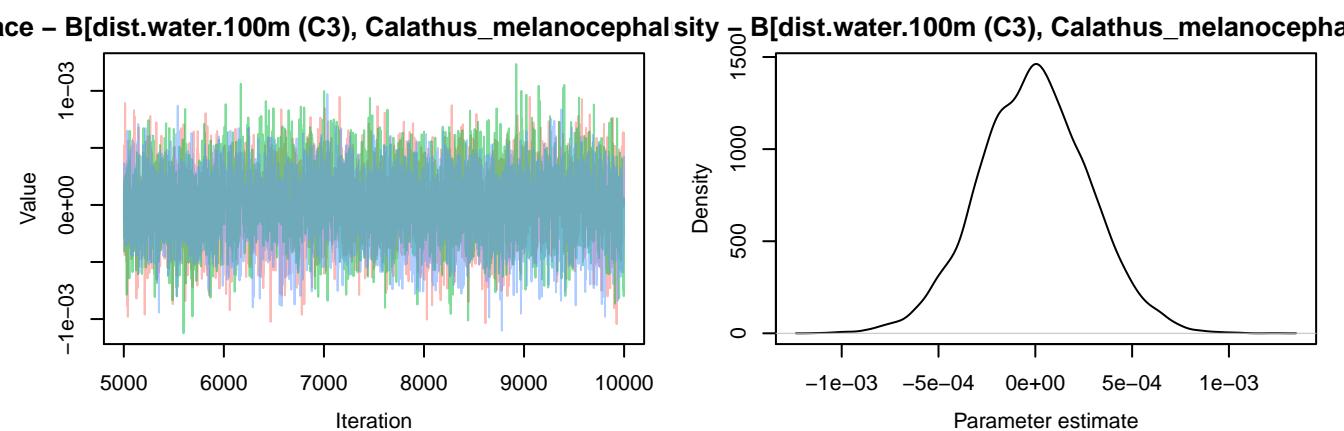
Density – $B[(\text{Intercept}) (\text{C1}), \text{Calathus_erratus} (\text{S27})]$

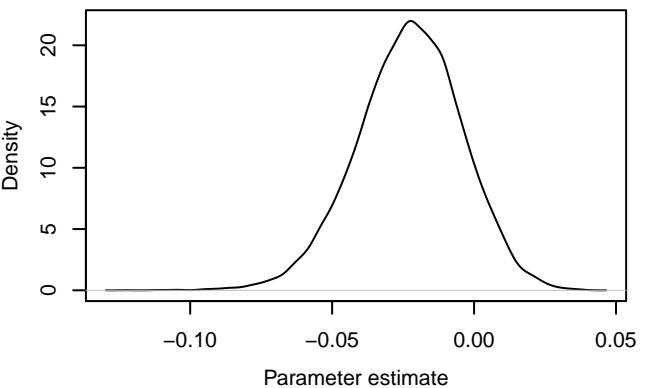
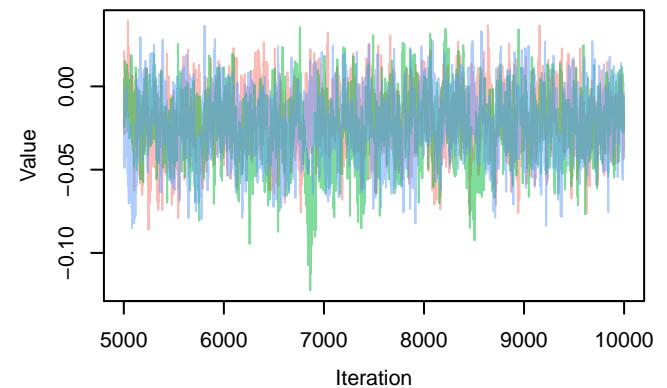
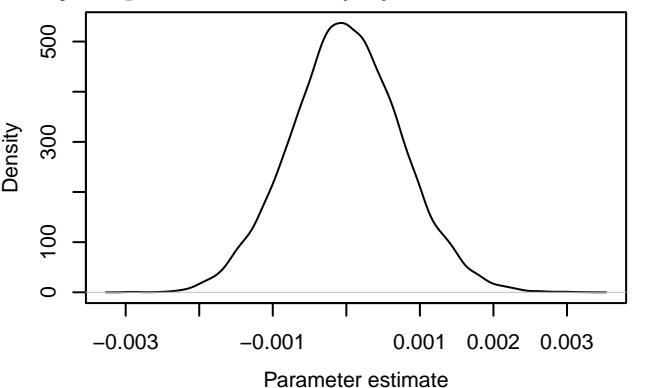
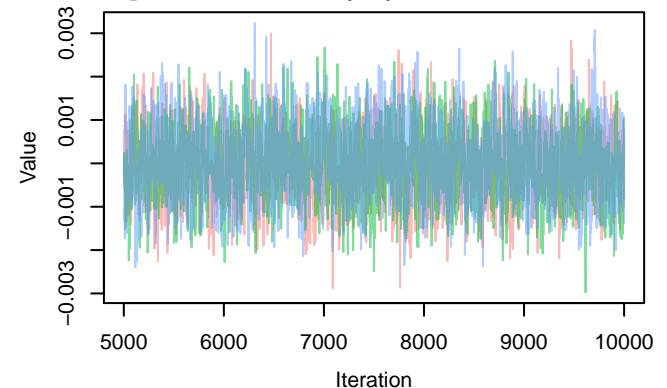
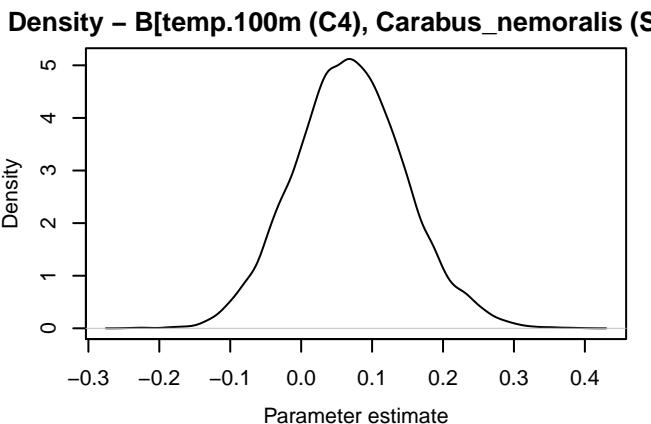
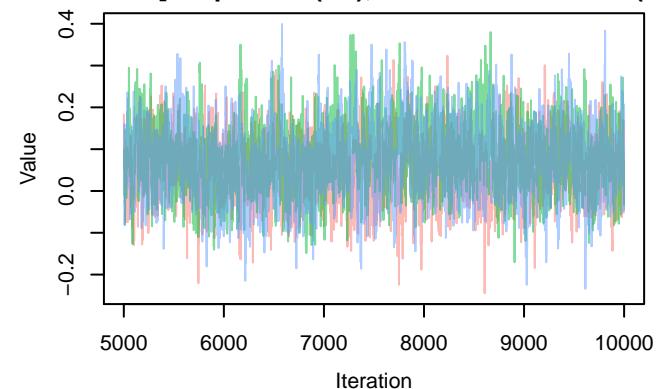


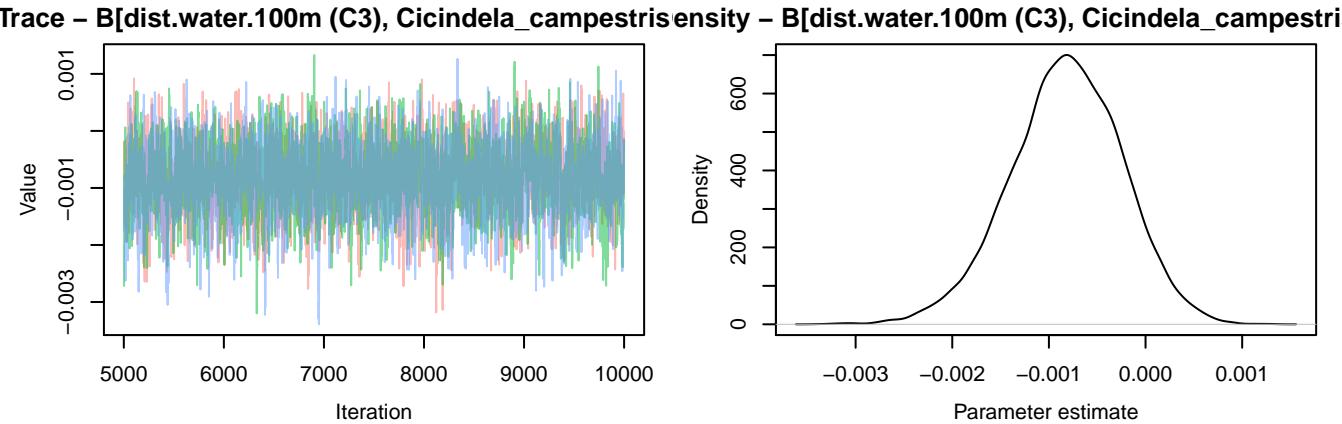
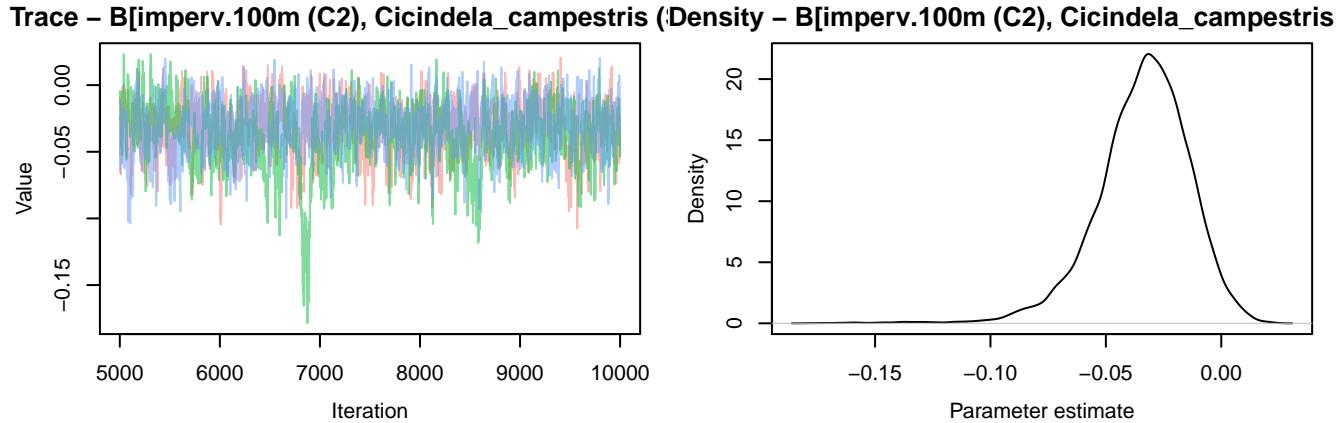
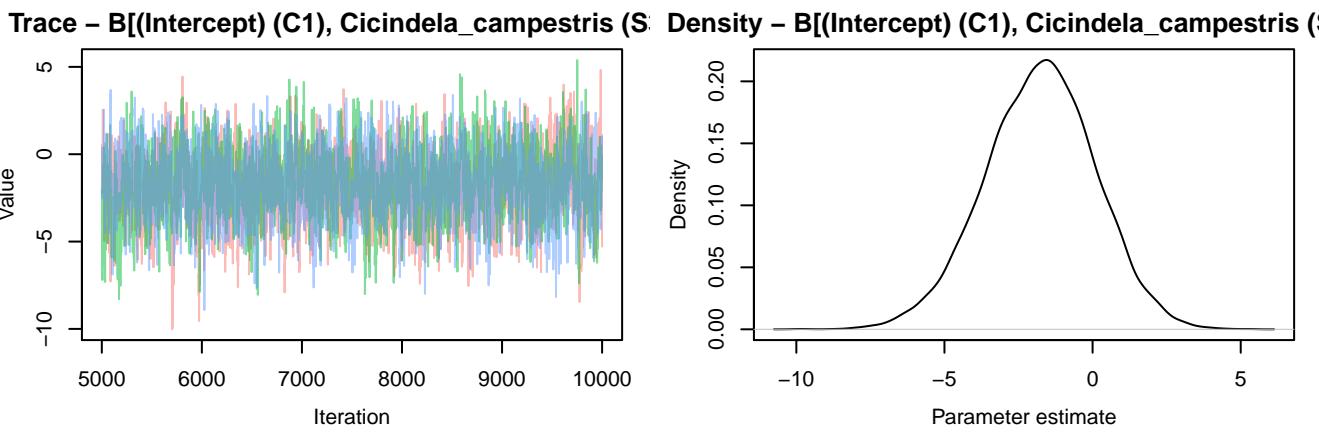
Trace – $B[\text{imperv.}100\text{m (C2), Calathus_erratus (S2)}$ Density – $B[\text{imperv.}100\text{m (C2), Calathus_erratus (S2)}$ Trace – $B[\text{dist.water.}100\text{m (C3), Calathus_erratus (S2)}$ Density – $B[\text{dist.water.}100\text{m (C3), Calathus_erratus (S2)}$ Trace – $B[\text{temp.}100\text{m (C4), Calathus_erratus (S27)}$ Density – $B[\text{temp.}100\text{m (C4), Calathus_erratus (S27)}$ 

Trace – $B[(\text{Intercept}) (\text{C1})]$, *Calathus_fuscipes* (S2)Density – $B[(\text{Intercept}) (\text{C1})]$, *Calathus_fuscipes* (S2)Trace – $B[\text{imperv.}100\text{m} (\text{C2})]$, *Calathus_fuscipes* (S2)Density – $B[\text{imperv.}100\text{m} (\text{C2})]$, *Calathus_fuscipes* (S2)Trace – $B[\text{dist.water.}100\text{m} (\text{C3})]$, *Calathus_fuscipes* (S2)Density – $B[\text{dist.water.}100\text{m} (\text{C3})]$, *Calathus_fuscipes* (S2)

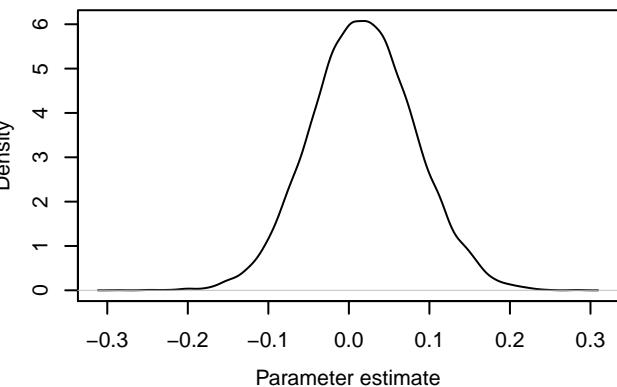
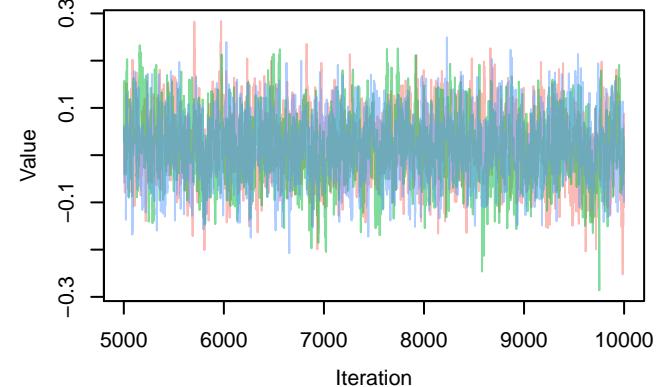




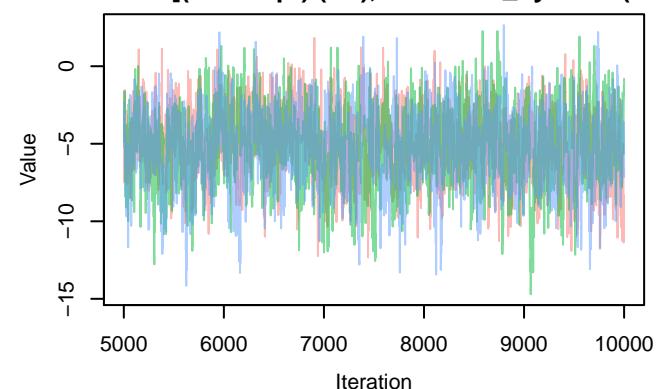
Trace – $B[\text{imperv.}100\text{m (C2), Carabus_nemoralis (S) Density - } B[\text{imperv.}100\text{m (C2), Carabus_nemoralis (S)}$ Trace – $B[\text{dist.water.}100\text{m (C3), Carabus_nemoralis (Density - } B[\text{dist.water.}100\text{m (C3), Carabus_nemoralis (S)}$ Trace – $B[\text{temp.}100\text{m (C4), Carabus_nemoralis (S3)}$ 



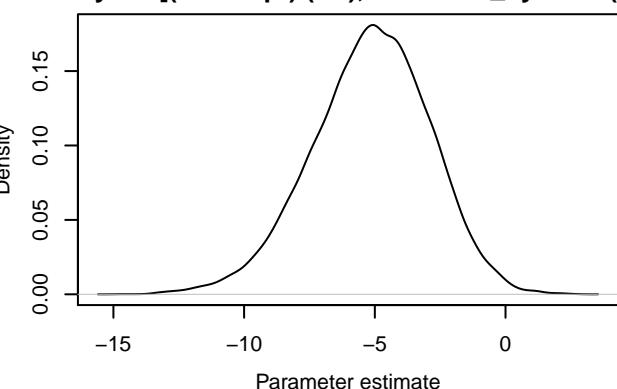
Trace – $B[\text{temp.}100\text{m (C4), Cicindela_campestris (S) Density}$ – $B[\text{temp.}100\text{m (C4), Cicindela_campestris (S)}$



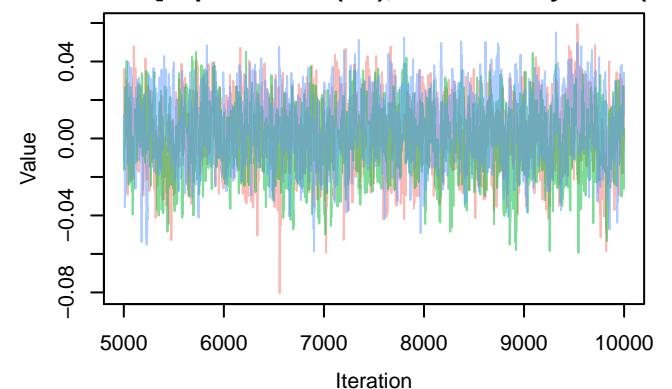
Trace – $B[(\text{Intercept}) (\text{C1}), \text{Cicindela_hybrida (S)32}$



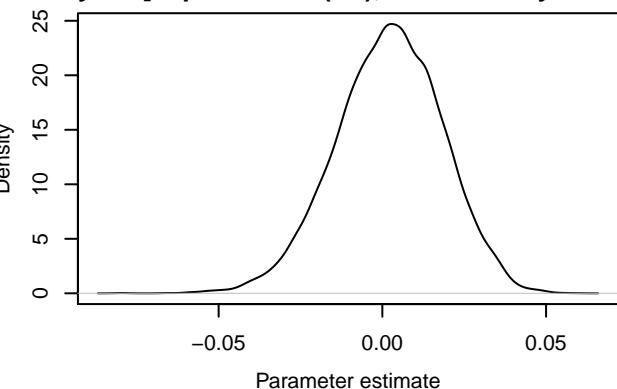
Density – $B[(\text{Intercept}) (\text{C1}), \text{Cicindela_hybrida (S)32}$



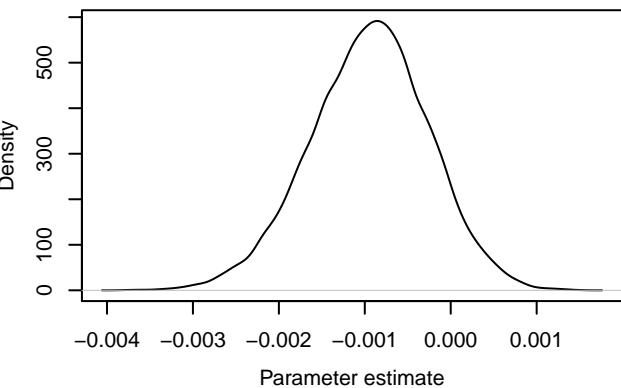
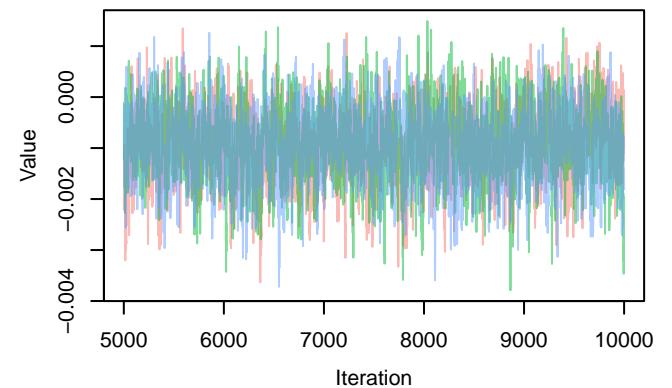
Trace – $B[\text{imperv.}100\text{m (C2), Cicindela_hybrida (S)32}$



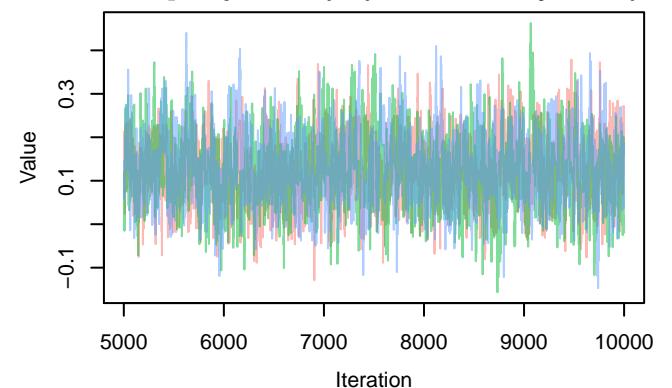
Density – $B[\text{imperv.}100\text{m (C2), Cicindela_hybrida (S)32}$



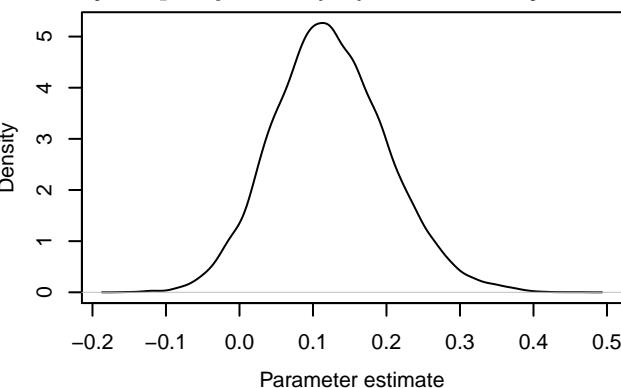
Trace – $B[\text{dist.water.100m (C3)}, \text{Cicindela_hybrida}]$ (Density – $B[\text{dist.water.100m (C3)}, \text{Cicindela_hybrida}]$)



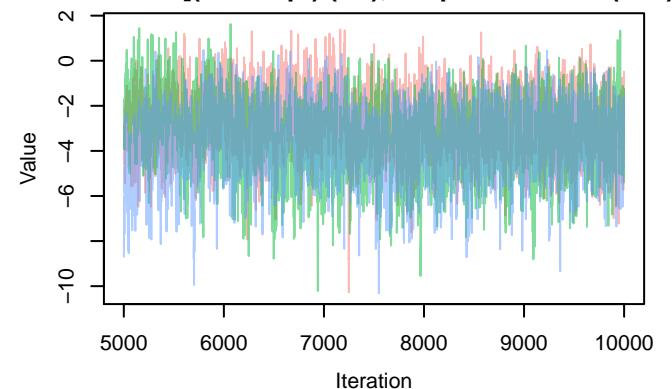
Trace – $B[\text{temp.100m (C4)}, \text{Cicindela_hybrida}]$ (S3)



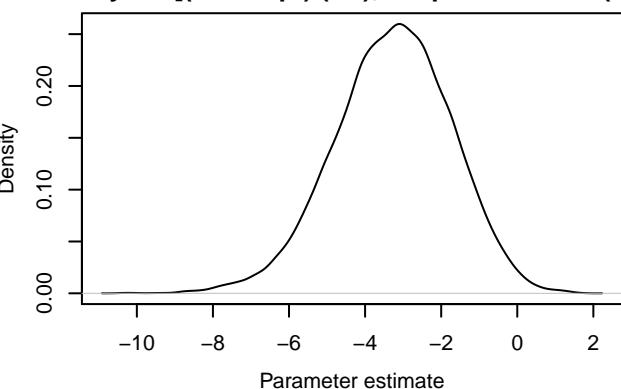
Density – $B[\text{temp.100m (C4)}, \text{Cicindela_hybrida}]$ (S3)

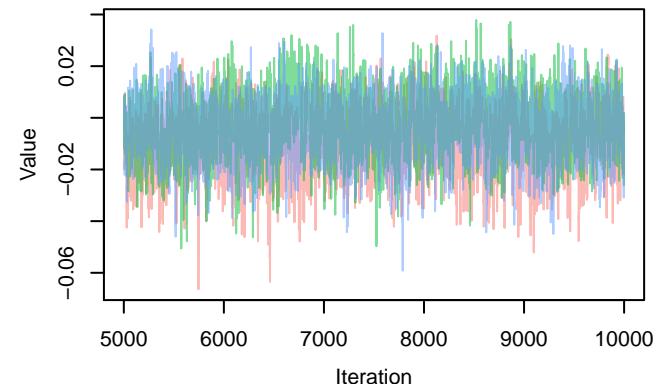
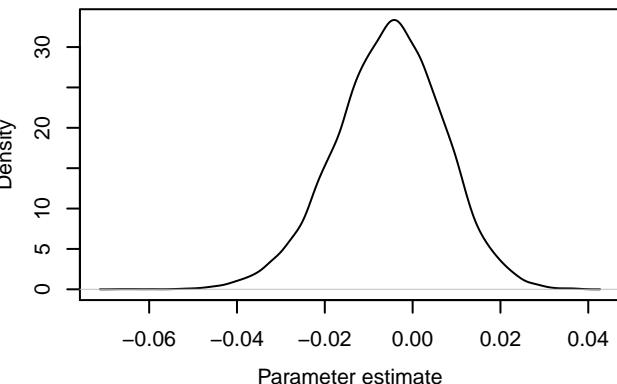
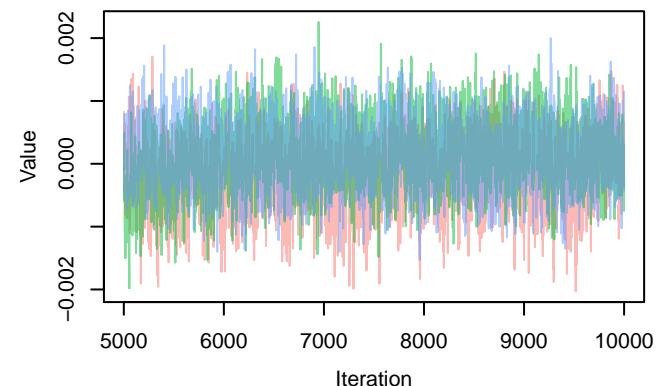
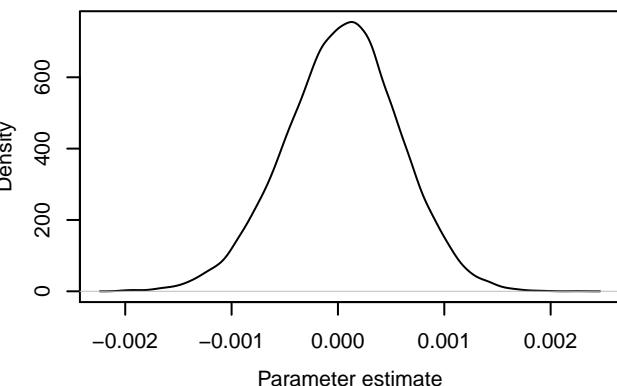
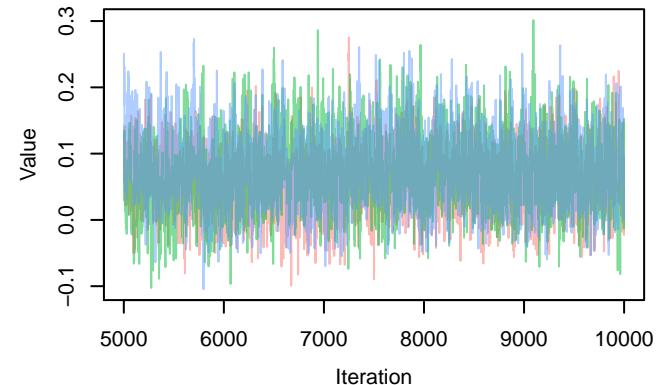
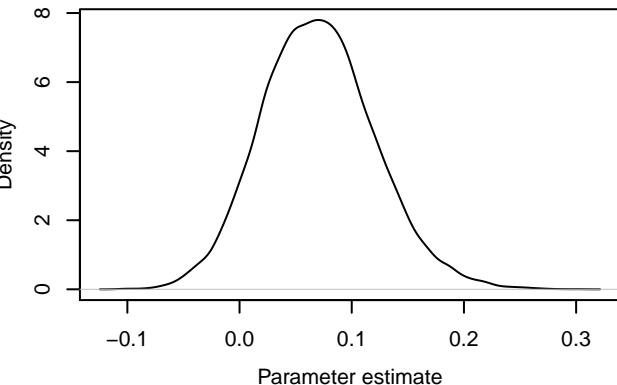


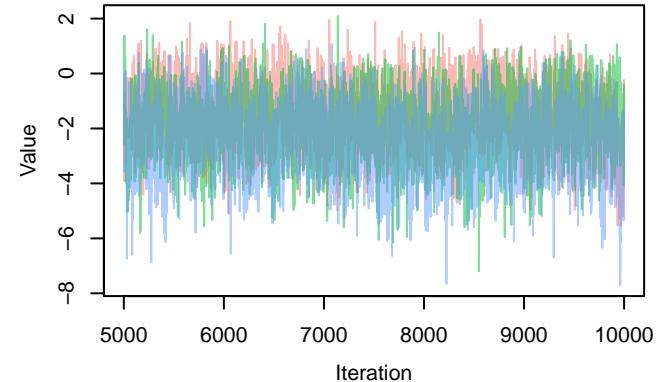
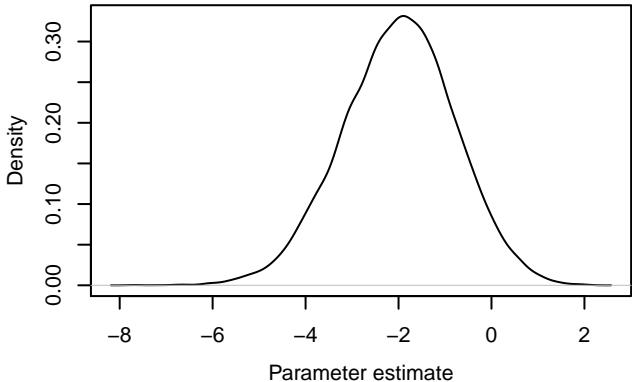
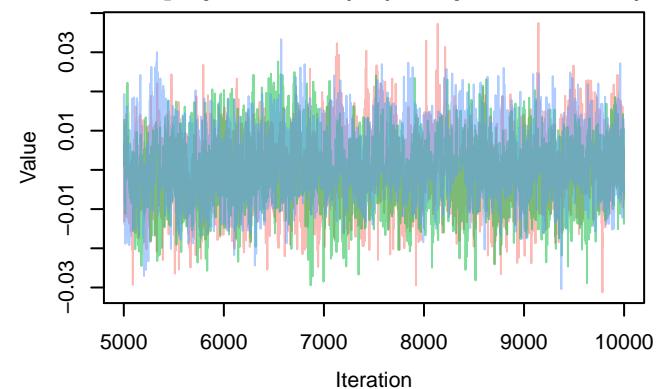
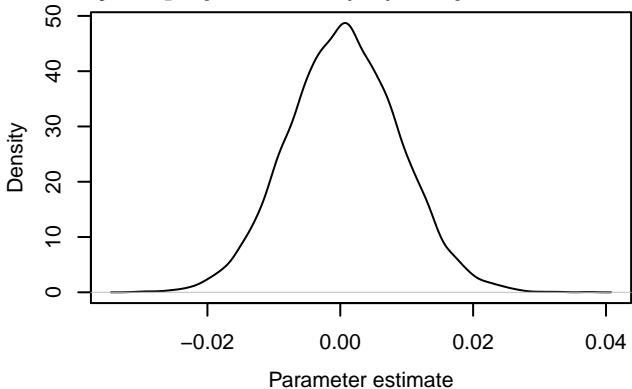
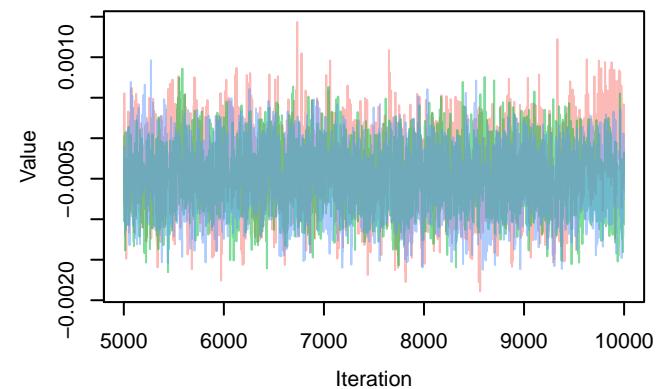
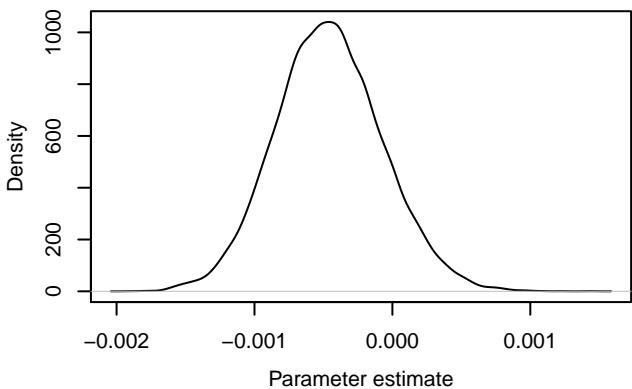
Trace – $B[(\text{Intercept}) (\text{C1})], \text{Harpalus_affinis}$ (S33)

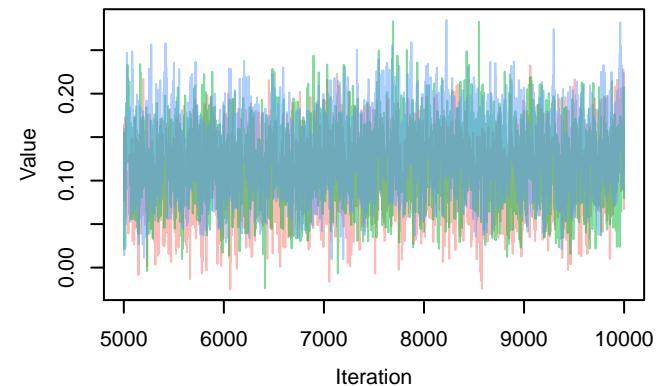
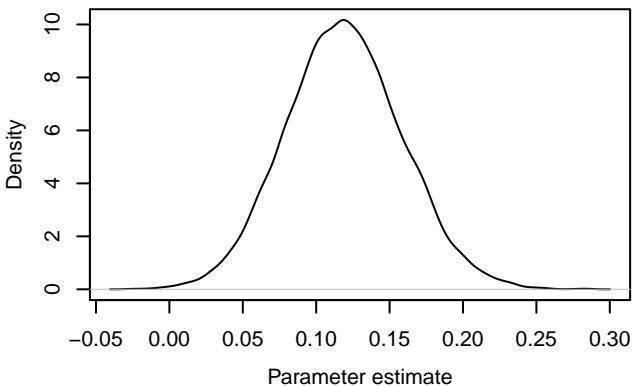
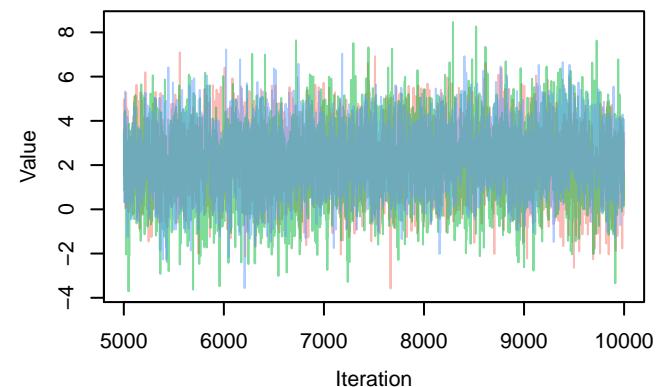
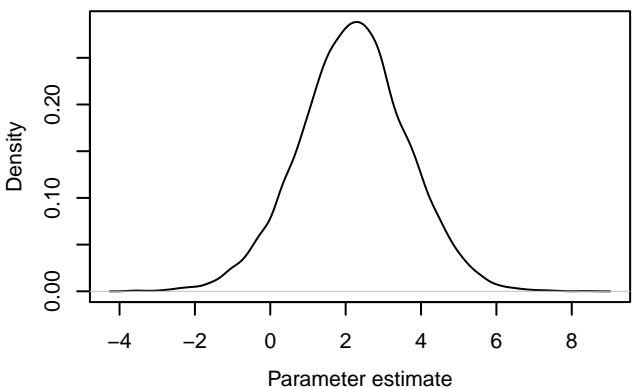
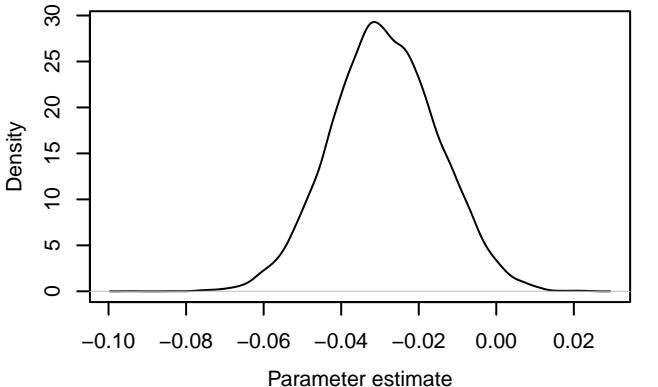
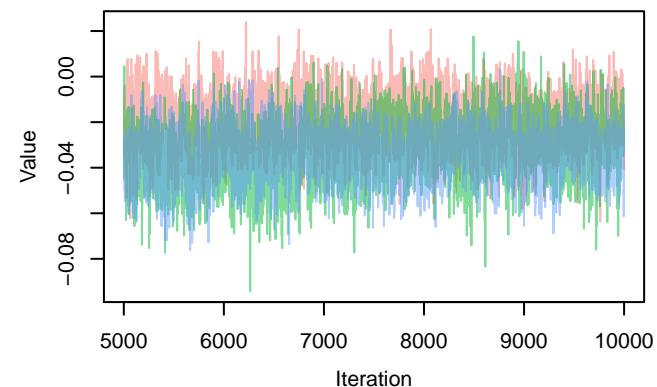


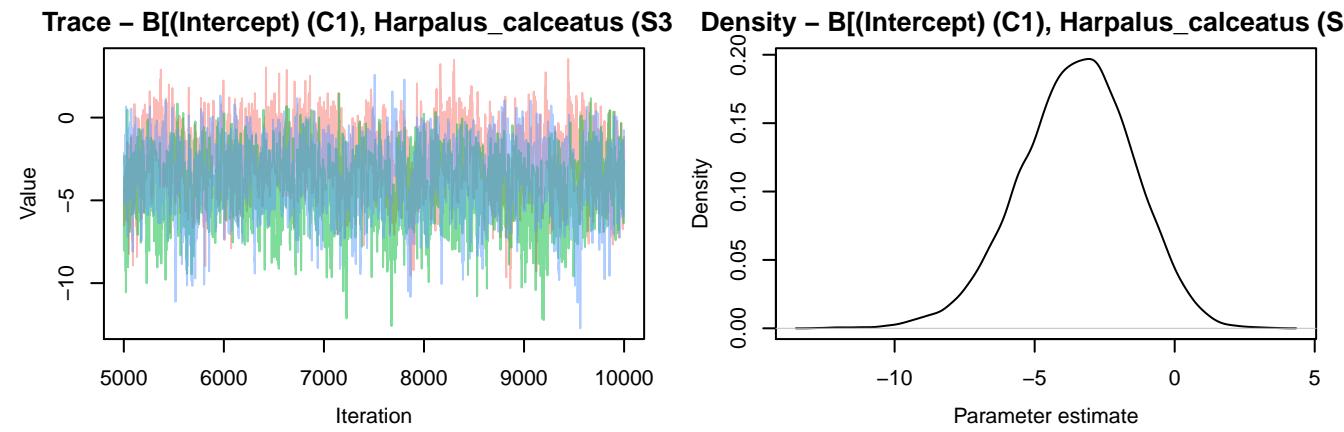
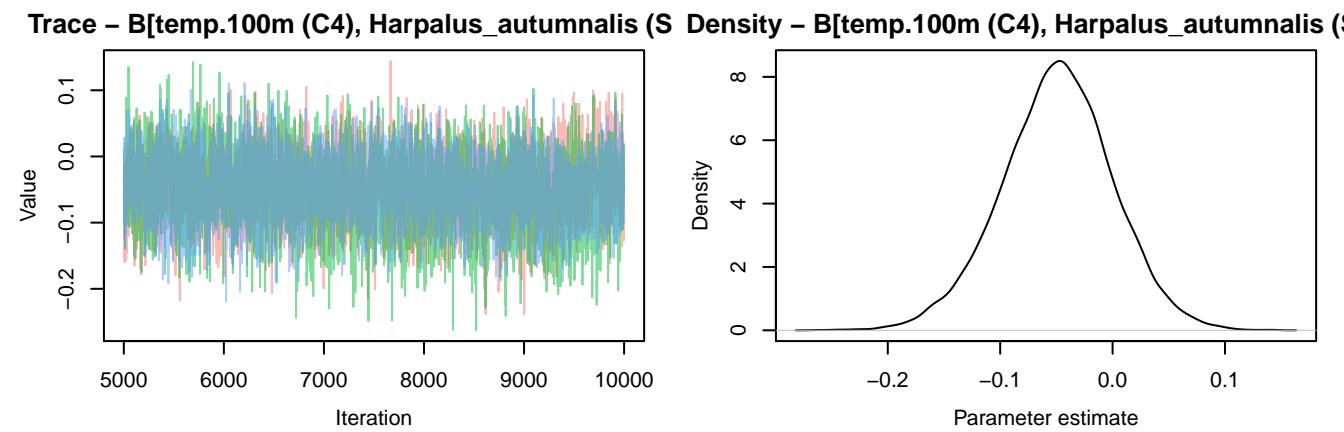
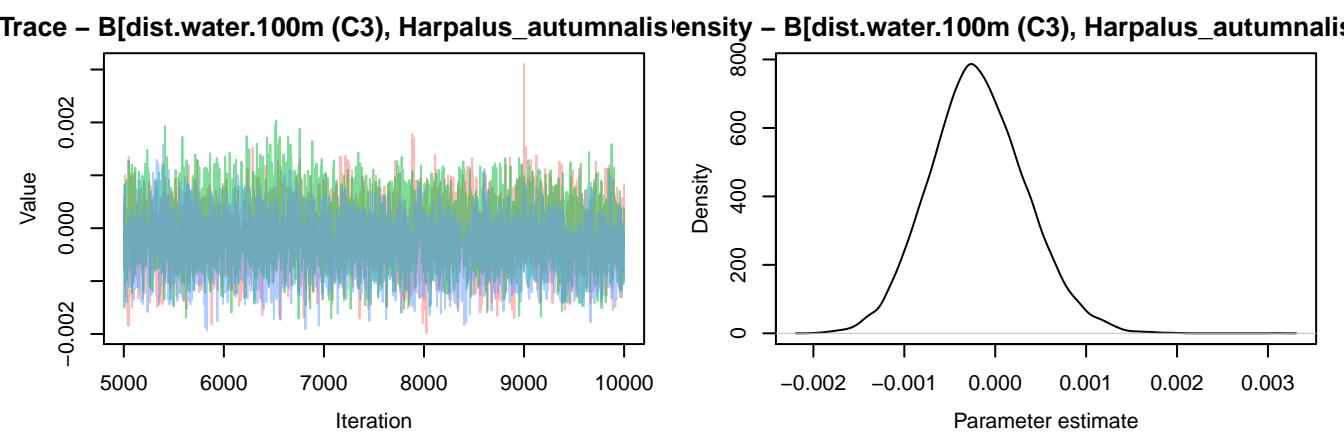
Density – $B[(\text{Intercept}) (\text{C1})], \text{Harpalus_affinis}$ (S33)

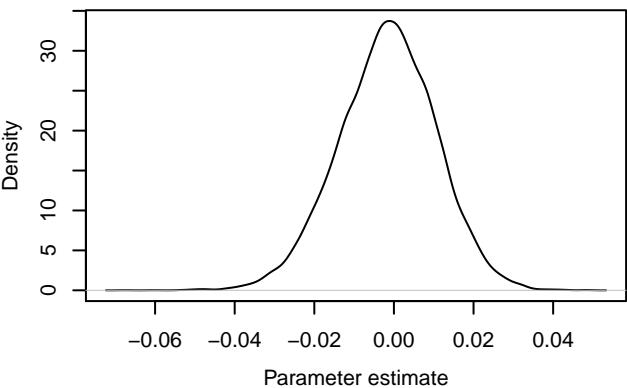
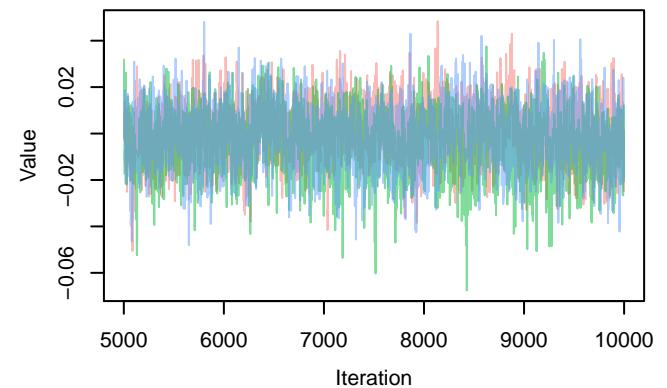
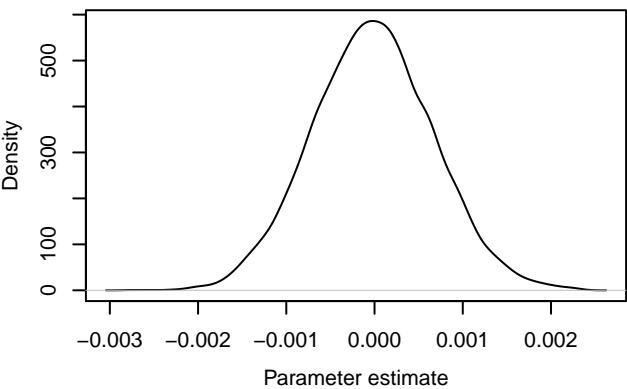
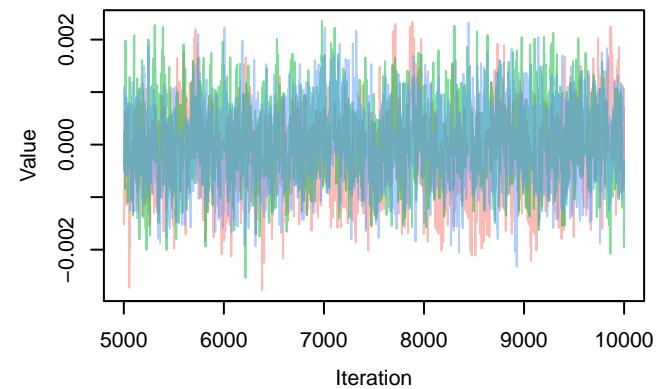
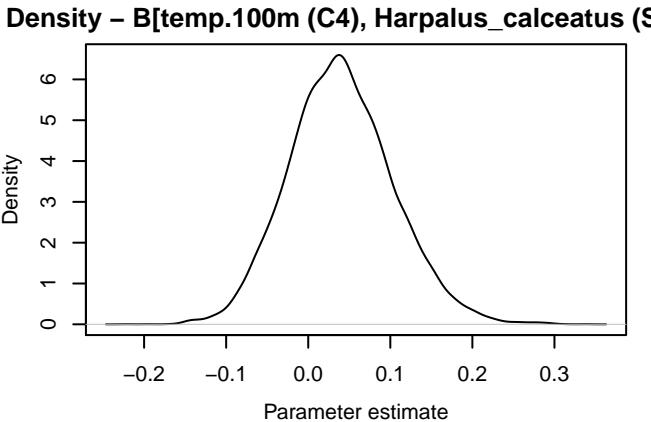
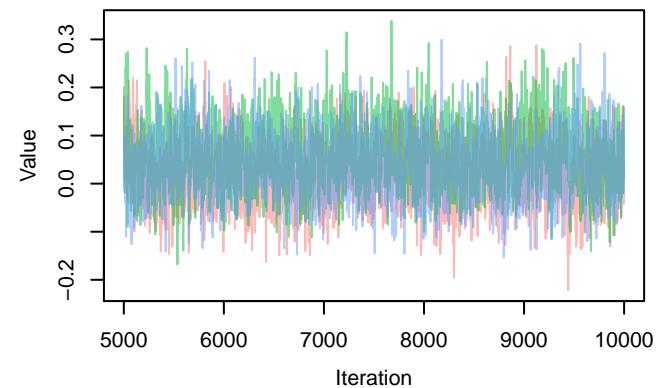


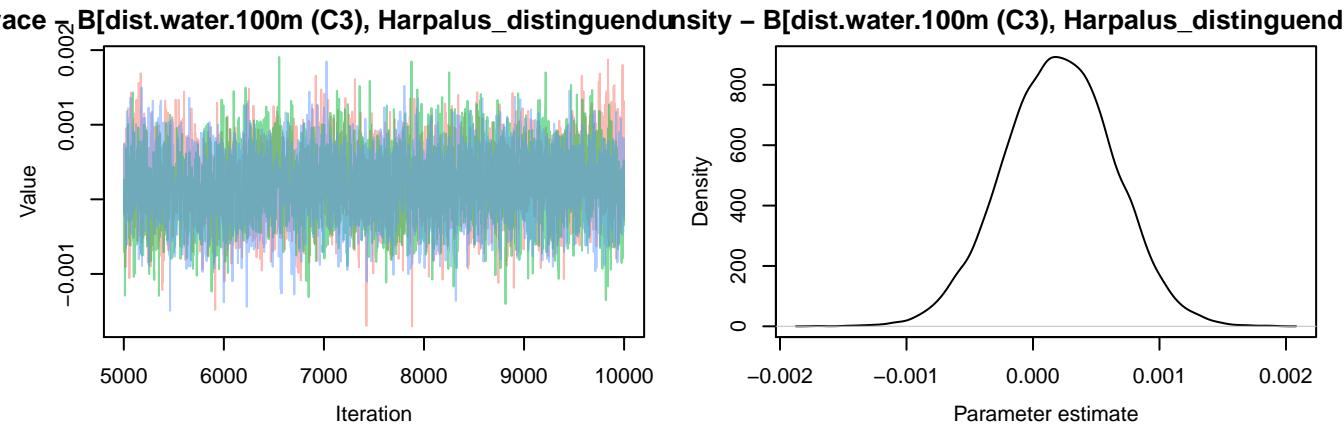
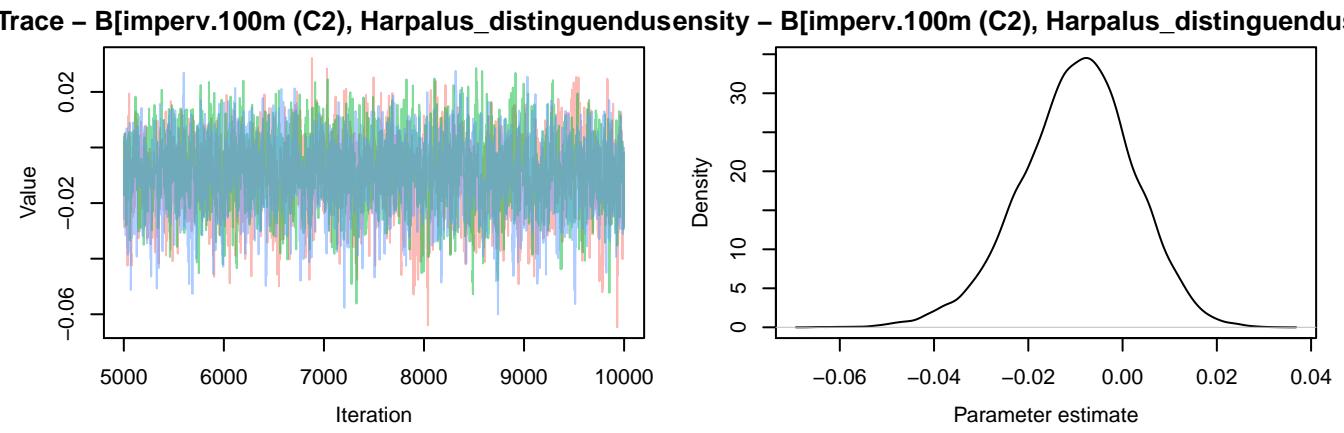
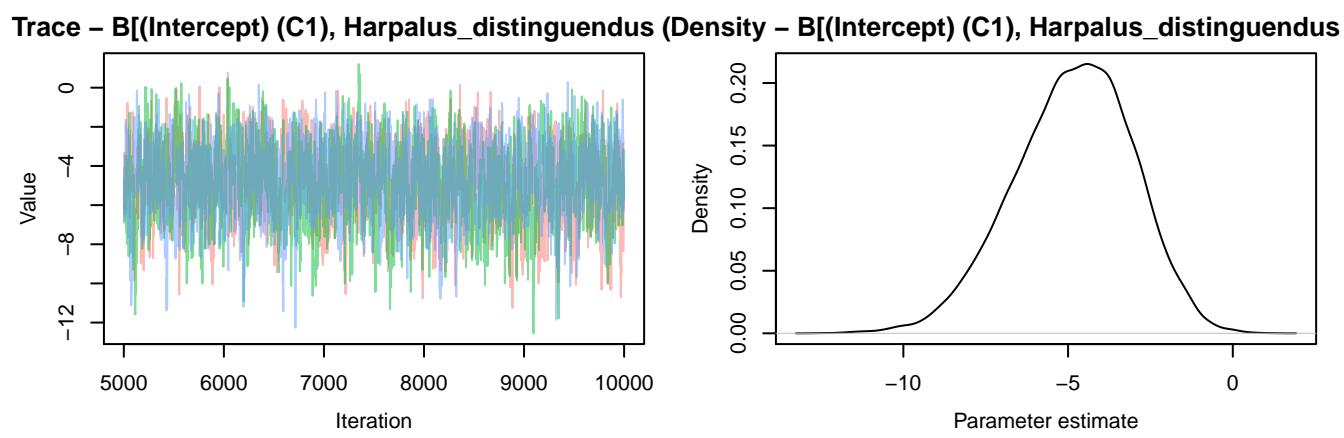
Trace – $B[\text{imperv.}100\text{m (C2), } \text{Harpalus_affinis (S3) }]$ Density – $B[\text{imperv.}100\text{m (C2), } \text{Harpalus_affinis (S3) }]$ Trace – $B[\text{dist.water.}100\text{m (C3), } \text{Harpalus_affinis (S3) }]$ Density – $B[\text{dist.water.}100\text{m (C3), } \text{Harpalus_affinis (S3) }]$ Trace – $B[\text{temp.}100\text{m (C4), } \text{Harpalus_affinis (S33) }]$ Density – $B[\text{temp.}100\text{m (C4), } \text{Harpalus_affinis (S33) }]$ 

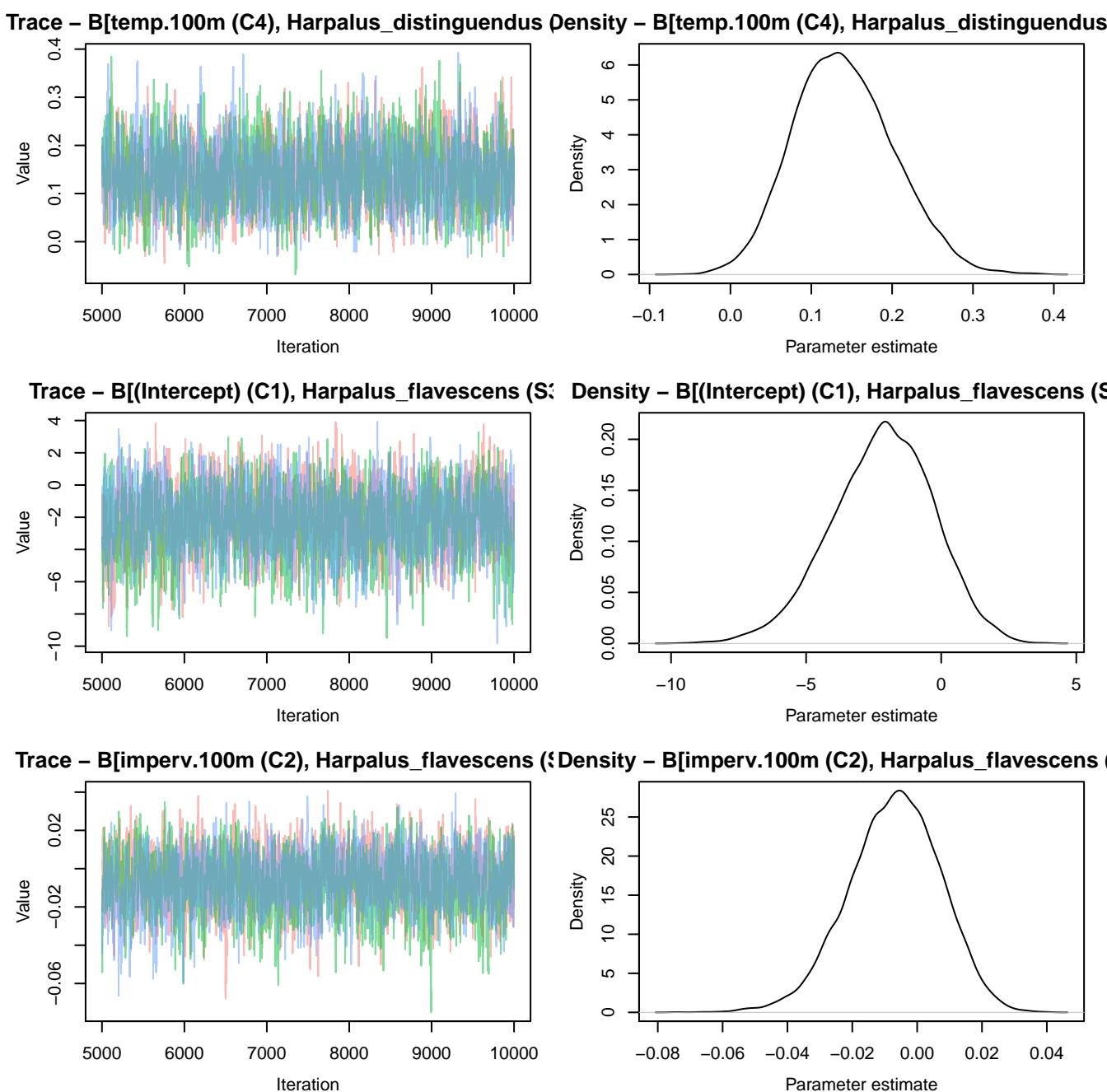
Trace – $B[(\text{Intercept}) \text{ (C1)}]$, *Harpalus_anxius* (S34)Density – $B[(\text{Intercept}) \text{ (C1)}]$, *Harpalus_anxius* (S34)Trace – $B[\text{imperv.}100\text{m (C2)}]$, *Harpalus_anxius* (S3)Density – $B[\text{imperv.}100\text{m (C2)}]$, *Harpalus_anxius* (S3)Trace – $B[\text{dist.water.}100\text{m (C3)}]$, *Harpalus_anxius* (S3)Density – $B[\text{dist.water.}100\text{m (C3)}]$, *Harpalus_anxius* (S3)

Trace – $B[\text{temp.100m (C4)}$, *Harpalus_anxius* (S34)Density – $B[\text{temp.100m (C4)}$, *Harpalus_anxius* (S34)Trace – $B[(\text{Intercept}) (\text{C1})]$, *Harpalus_autumnalis* (S34)Density – $B[(\text{Intercept}) (\text{C1})]$, *Harpalus_autumnalis* (S34)Trace – $B[\text{imperv.100m (C2)}$, *Harpalus_autumnalis* (S34)

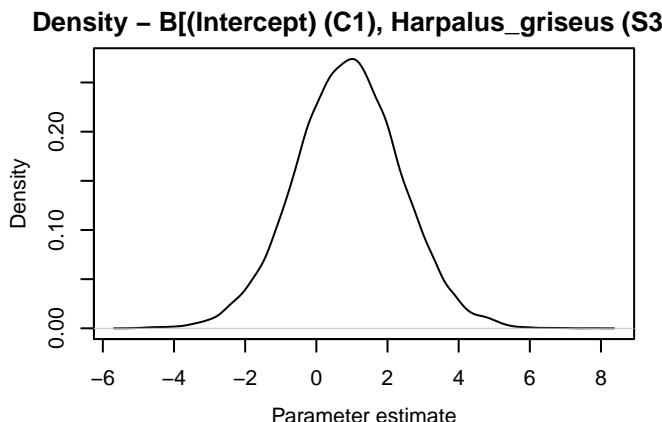
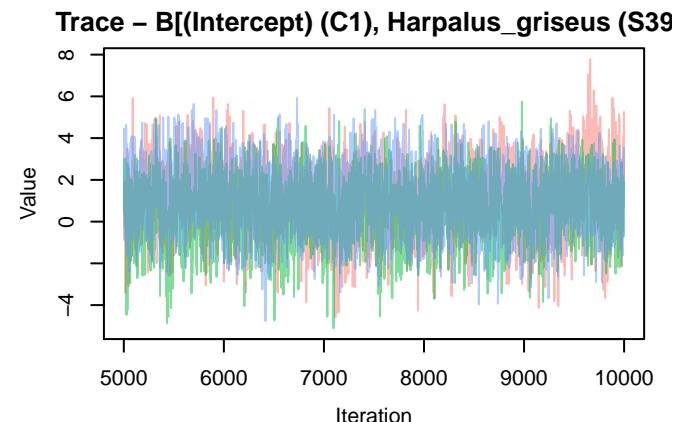
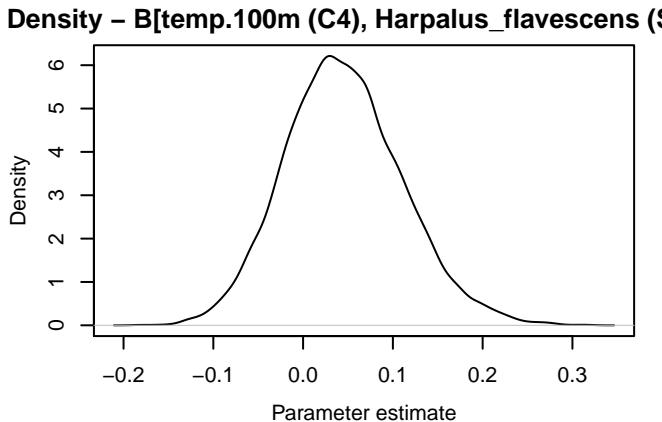
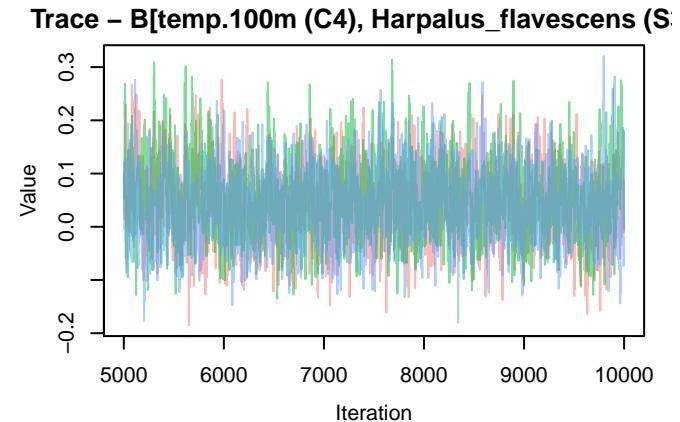
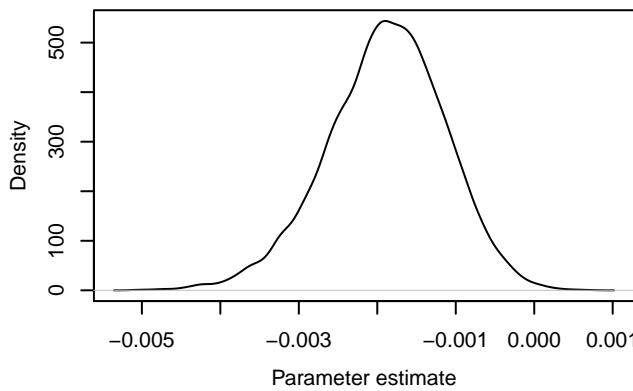
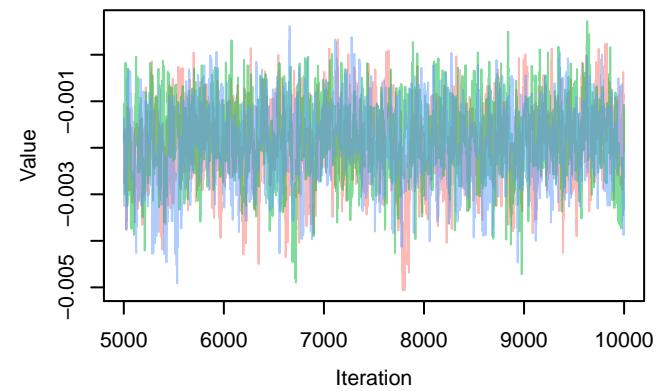


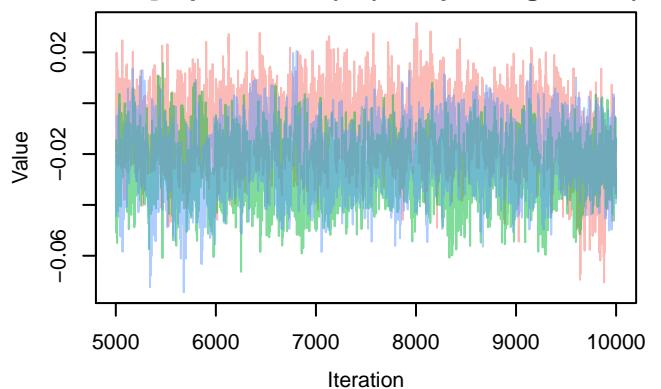
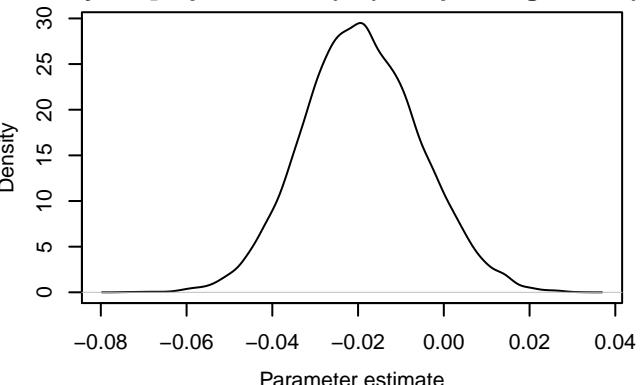
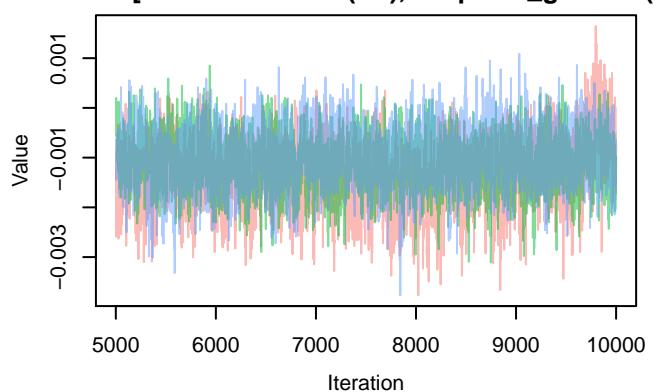
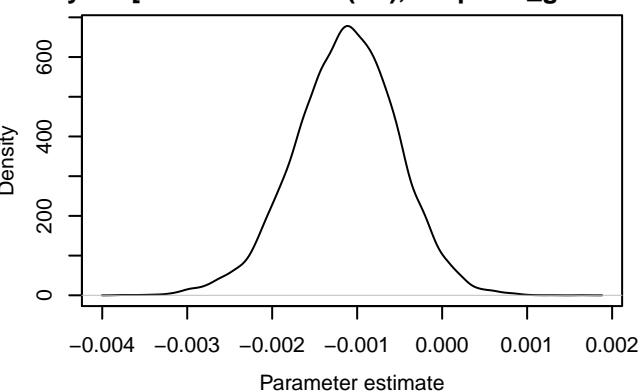
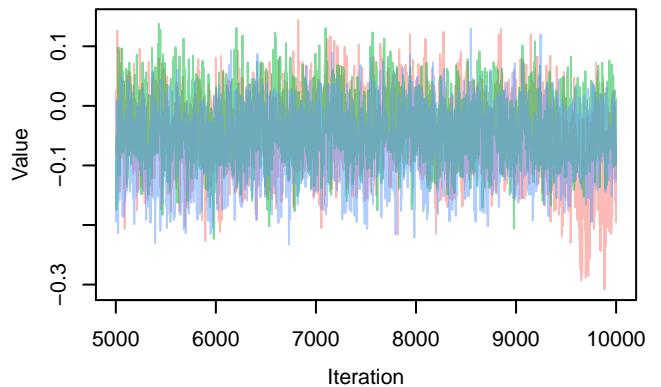
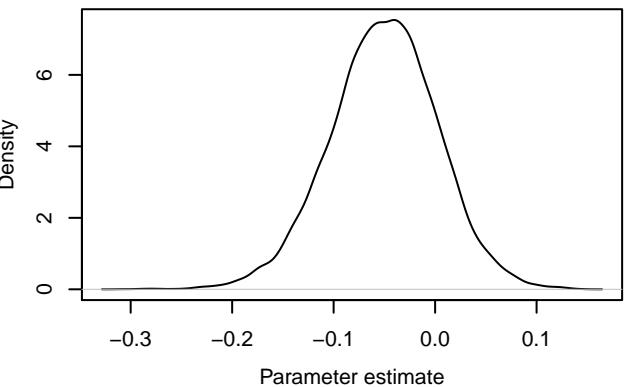
Trace – $B[\text{imperv.}100\text{m (C2), Harpalus_calceatus (S) Density - } B[\text{imperv.}100\text{m (C2), Harpalus_calceatus (S)}$ Trace – $B[\text{dist.water.}100\text{m (C3), Harpalus_calceatus Density - } B[\text{dist.water.}100\text{m (C3), Harpalus_calceatus (S)}$ Trace – $B[\text{temp.}100\text{m (C4), Harpalus_calceatus (S) Density - } B[\text{temp.}100\text{m (C4), Harpalus_calceatus (S)}$ 



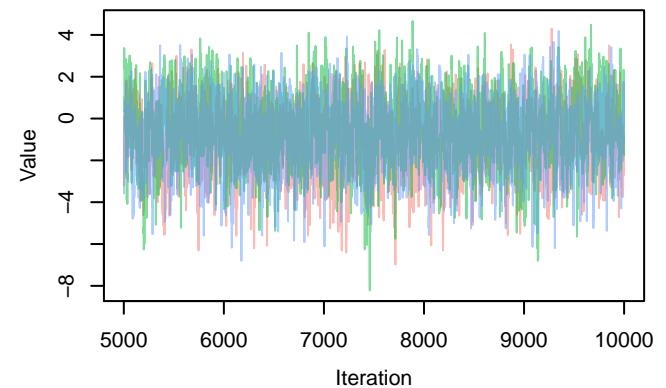


Trace – $B[dist.\text{water}.100\text{m} \text{ (C3)}, \text{Harpalus_flavescens}]$ Density – $B[dist.\text{water}.100\text{m} \text{ (C3)}, \text{Harpalus_flavescens}]$

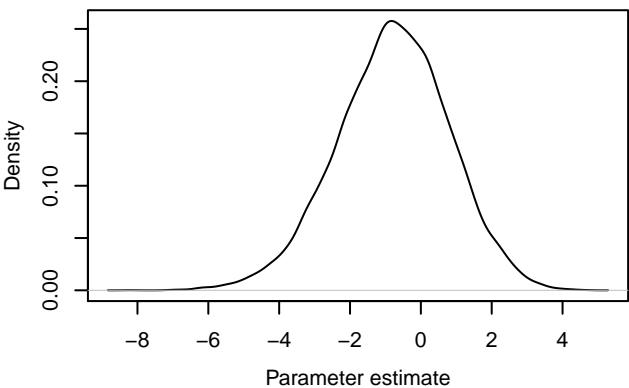


Trace – $B[\text{imperv.}100\text{m (C2)}, \text{Harpalus_griseus (S3)}$ Density – $B[\text{imperv.}100\text{m (C2)}, \text{Harpalus_griseus (S3)}$ Trace – $B[\text{dist.water.}100\text{m (C3)}, \text{Harpalus_griseus (S3)}$ Density – $B[\text{dist.water.}100\text{m (C3)}, \text{Harpalus_griseus (S3)}$ Trace – $B[\text{temp.}100\text{m (C4)}, \text{Harpalus_griseus (S3)}$ Density – $B[\text{temp.}100\text{m (C4)}, \text{Harpalus_griseus (S3)}$ 

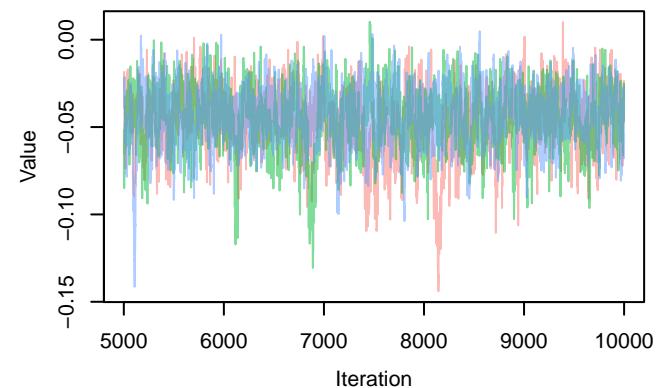
Trace – $B[(\text{Intercept}) \text{ (C1)}, \text{Harpalus_latus (S40)}$



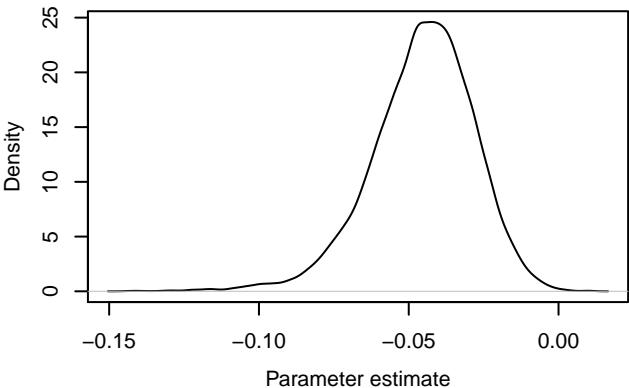
Density – $B[(\text{Intercept}) \text{ (C1)}, \text{Harpalus_latus (S40)}$



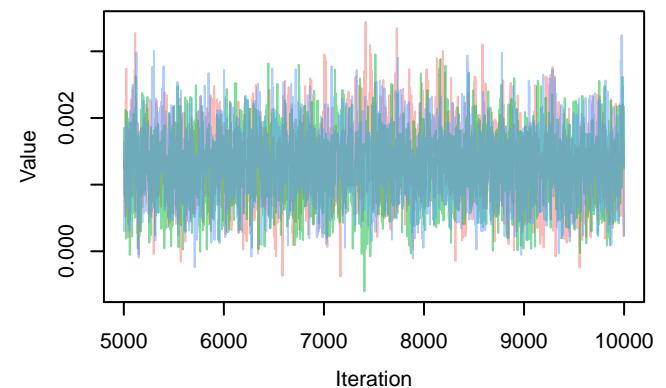
Trace – $B[\text{imperv.100m (C2)}, \text{Harpalus_latus (S40)}$



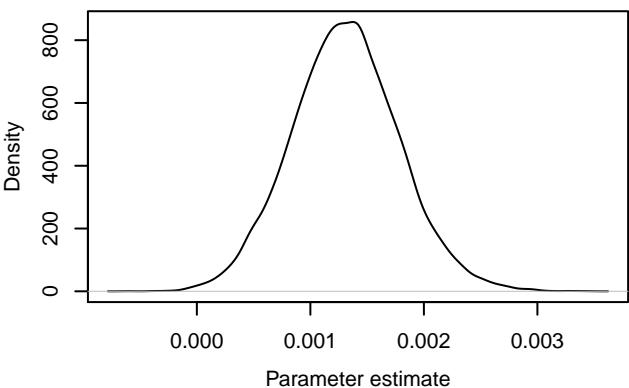
Density – $B[\text{imperv.100m (C2)}, \text{Harpalus_latus (S40)}$



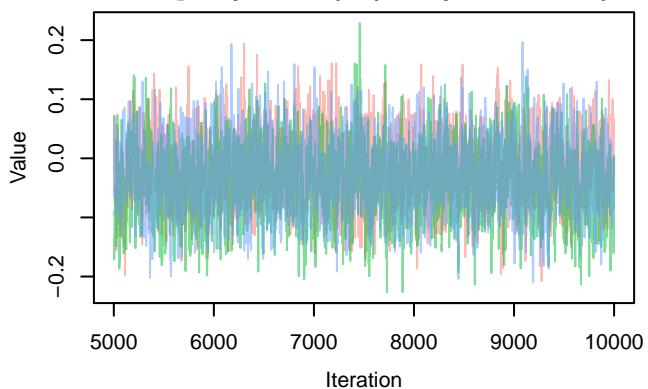
Trace – $B[\text{dist.water.100m (C3)}, \text{Harpalus_latus (S40)}$



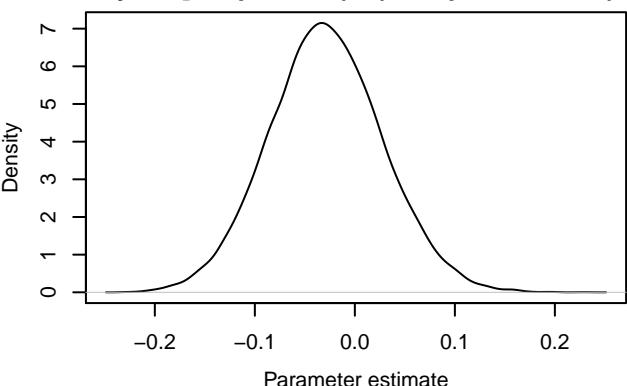
Density – $B[\text{dist.water.100m (C3)}, \text{Harpalus_latus (S40)}$



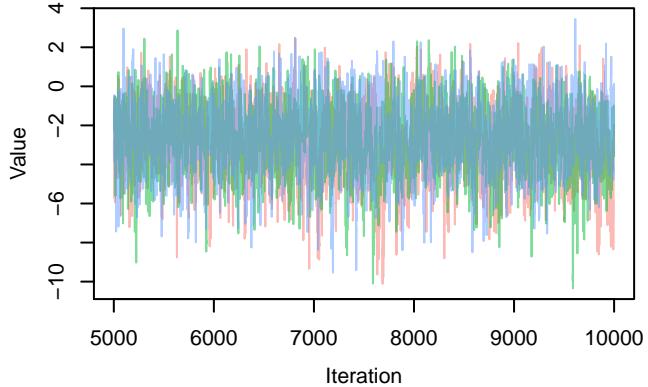
Trace – $B[\text{temp.}100\text{m (C4)}, \text{Harpalus_latus (S40)}$



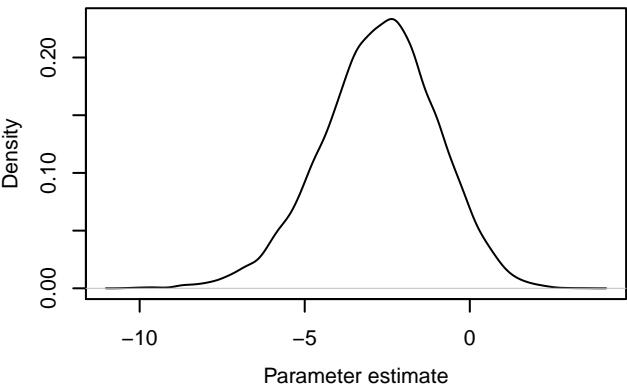
Density – $B[\text{temp.}100\text{m (C4)}, \text{Harpalus_latus (S40)}$



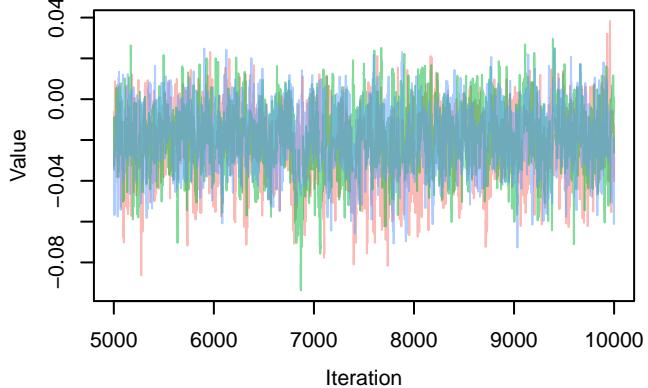
Trace – $B[(\text{Intercept}) (\text{C1}), \text{Harpalus_luteicornis (S40)}$



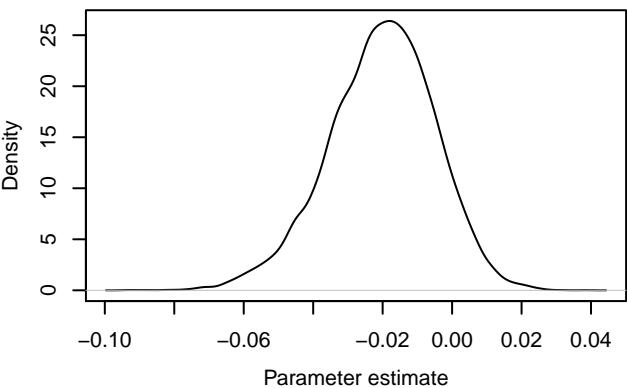
Density – $B[(\text{Intercept}) (\text{C1}), \text{Harpalus_luteicornis (S40)}$



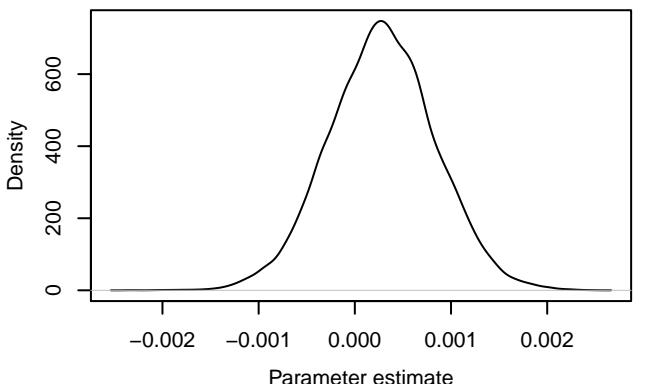
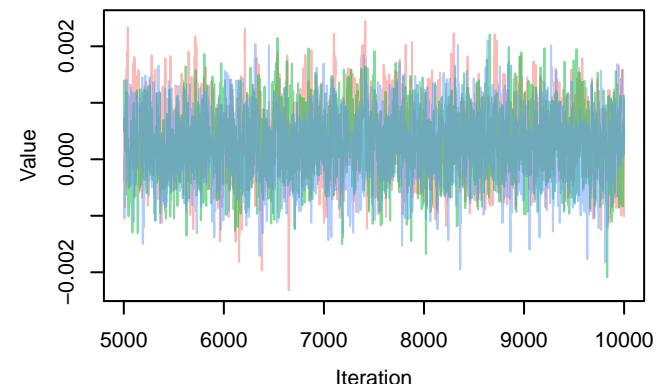
Trace – $B[\text{imperv.}100\text{m (C2)}, \text{Harpalus_luteicornis (S40)}$



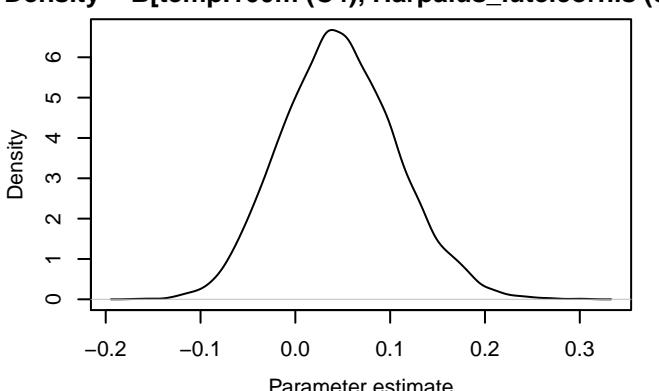
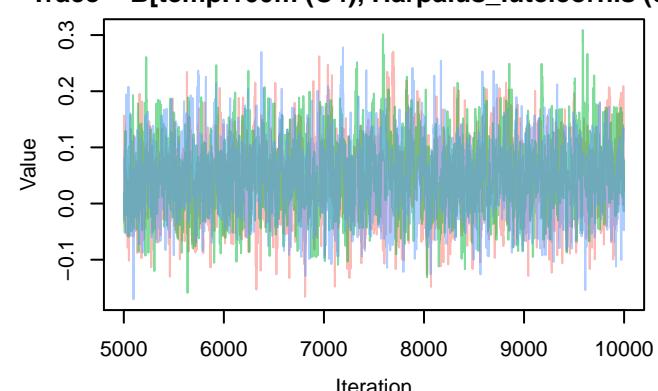
Density – $B[\text{imperv.}100\text{m (C2)}, \text{Harpalus_luteicornis (S40)}$



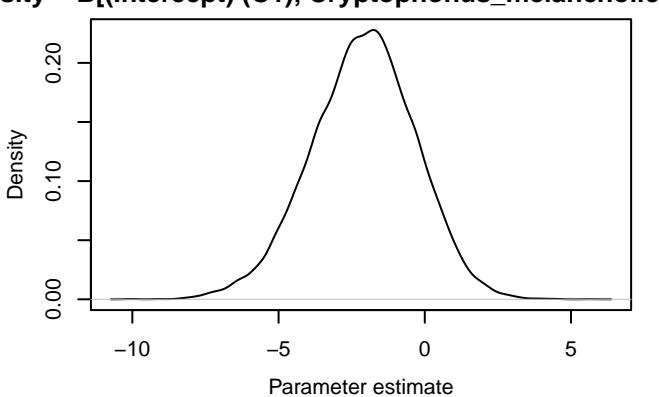
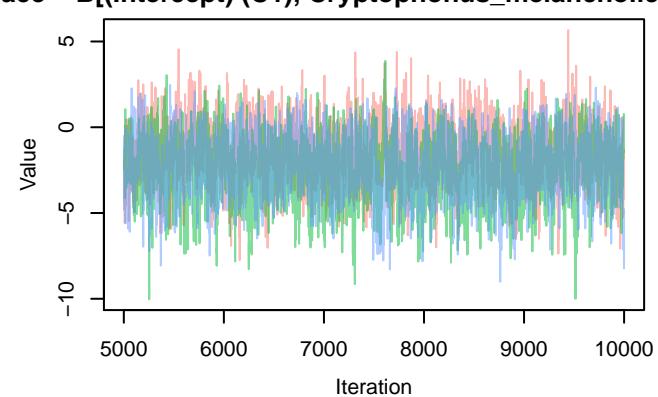
Trace – $B[dist.\text{water}.100m \text{ (C3)}, \text{Harpalus_luteicornis}]$



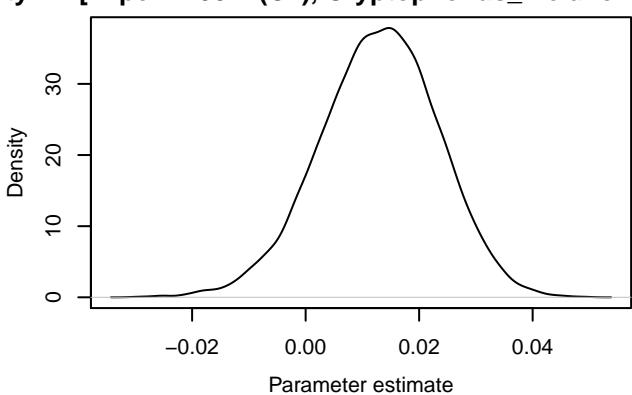
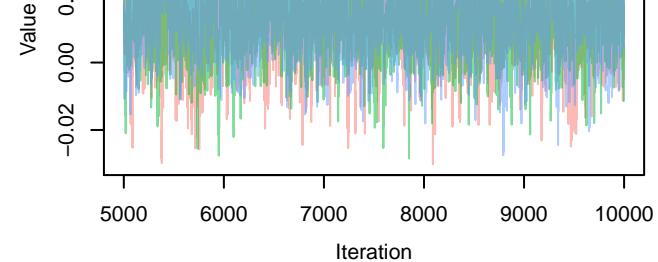
Trace – $B[temp.100m \text{ (C4)}, \text{Harpalus_luteicornis} \text{ (S)}$



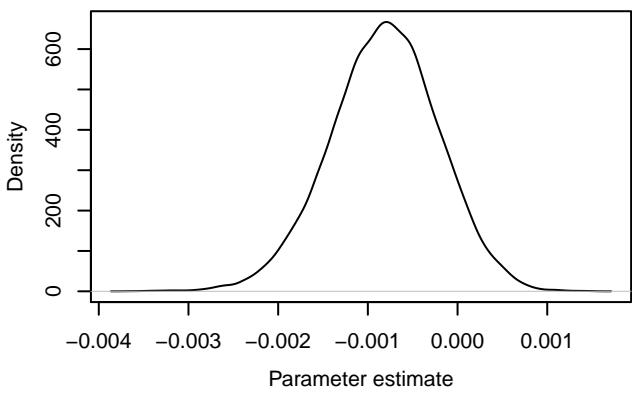
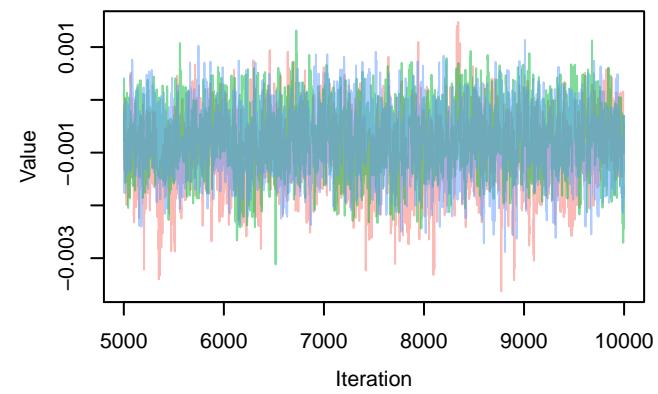
Trace – $B[(\text{Intercept}) \text{ (C1)}, \text{Cryptophonus_melancholicus}]$



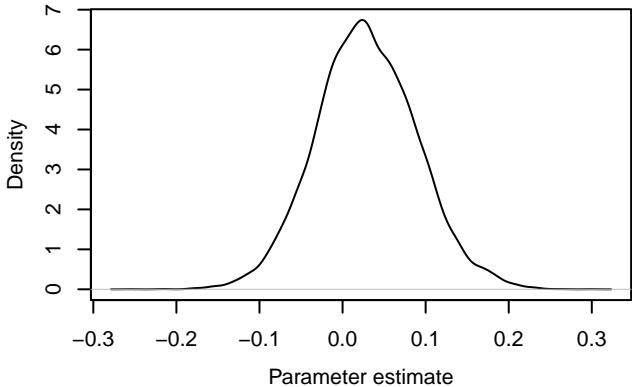
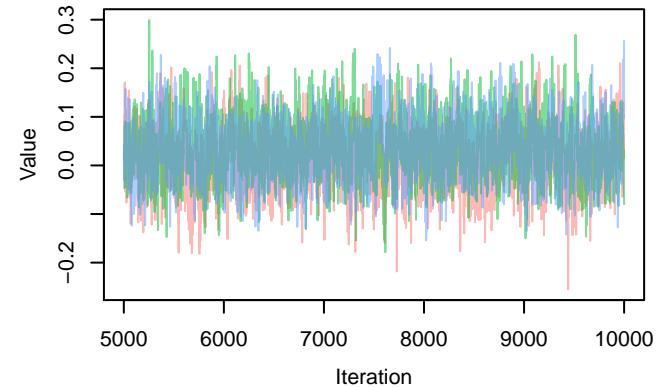
ce - B[imperv.100m (C2), Cryptophonus_melancholicity - B[imperv.100m (C2), Cryptophonus_melancholi

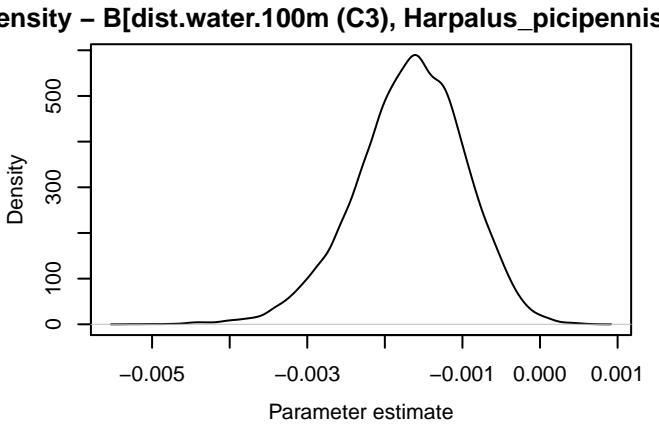
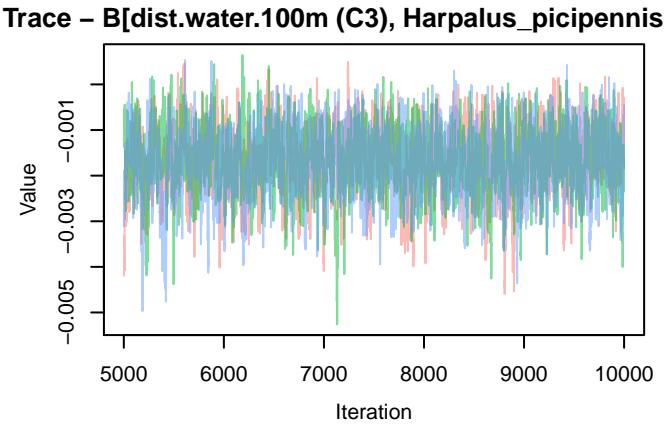
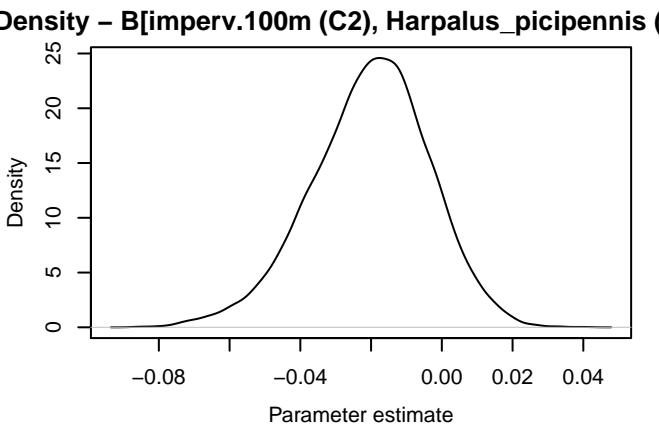
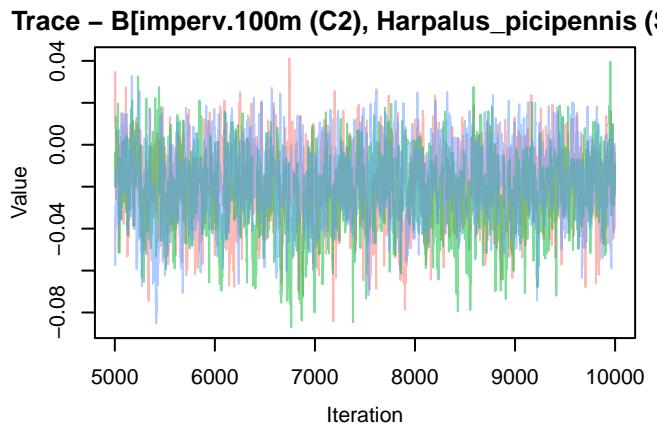
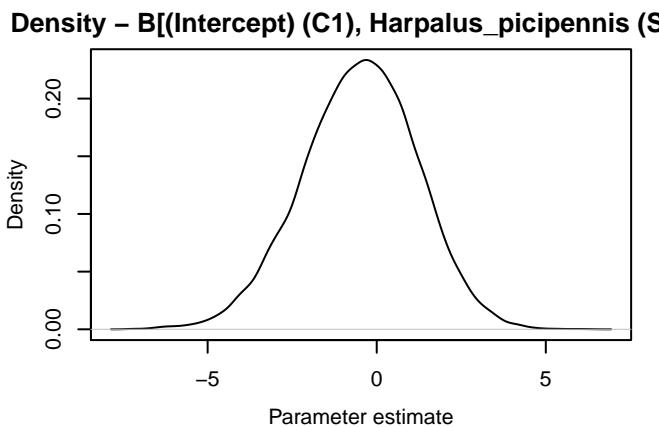
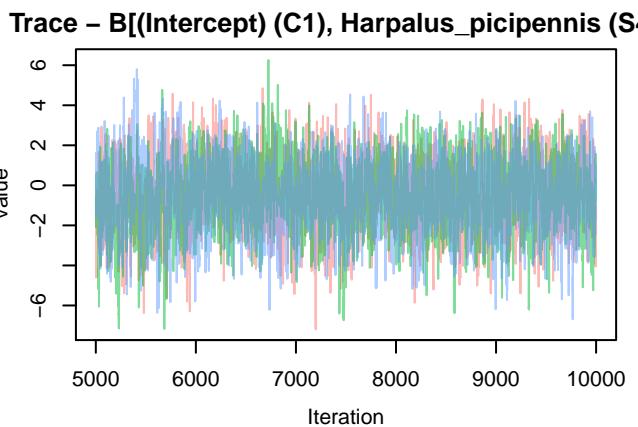


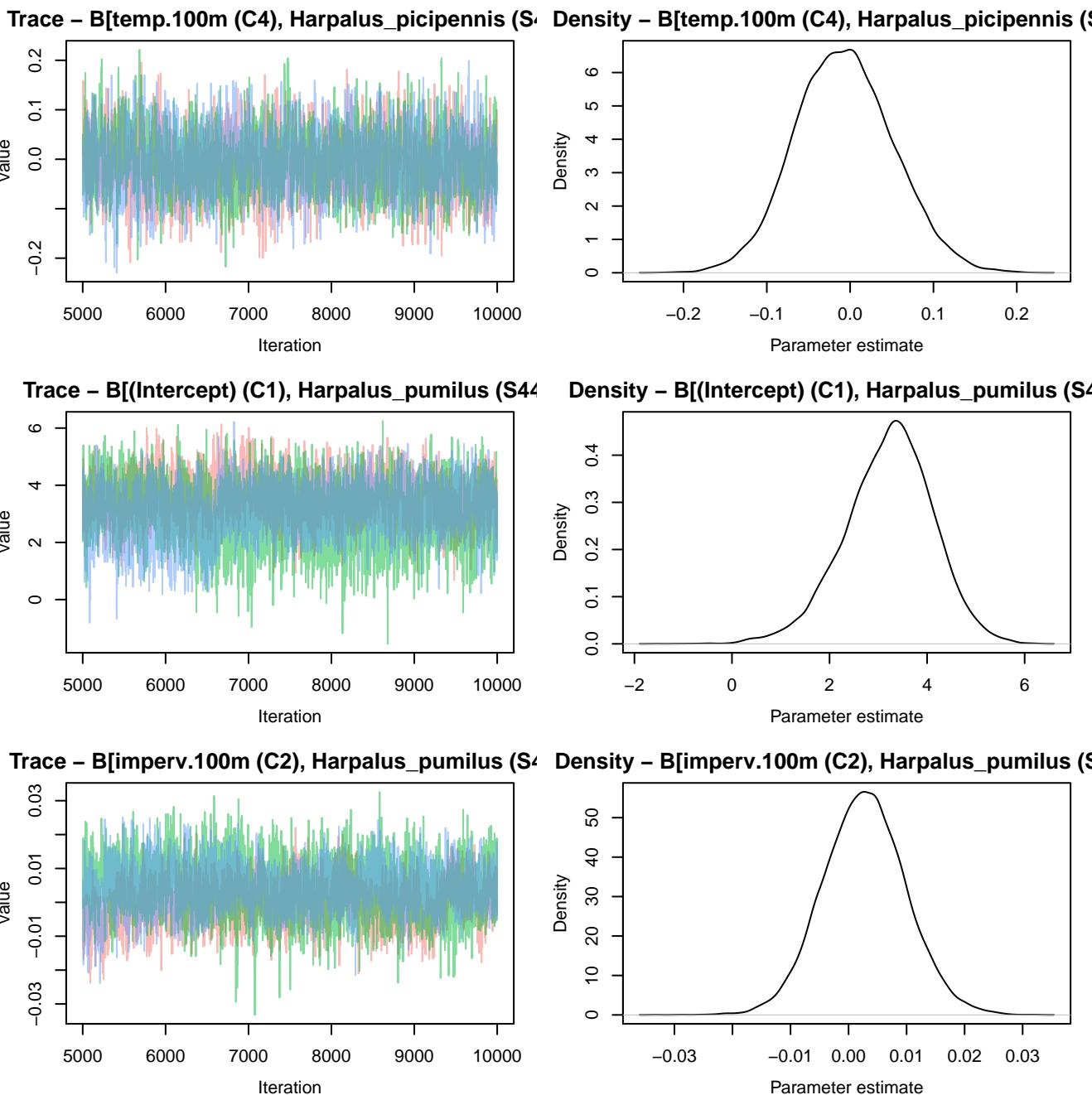
e - B[dist.water.100m (C3), Cryptophonus_melancholy - B[dist.water.100m (C3), Cryptophonus_melancholy

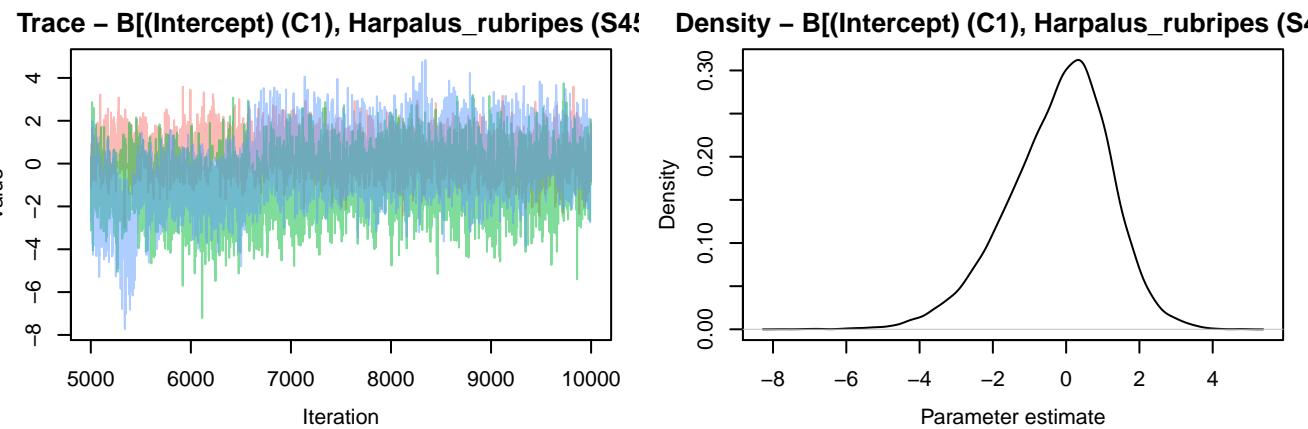
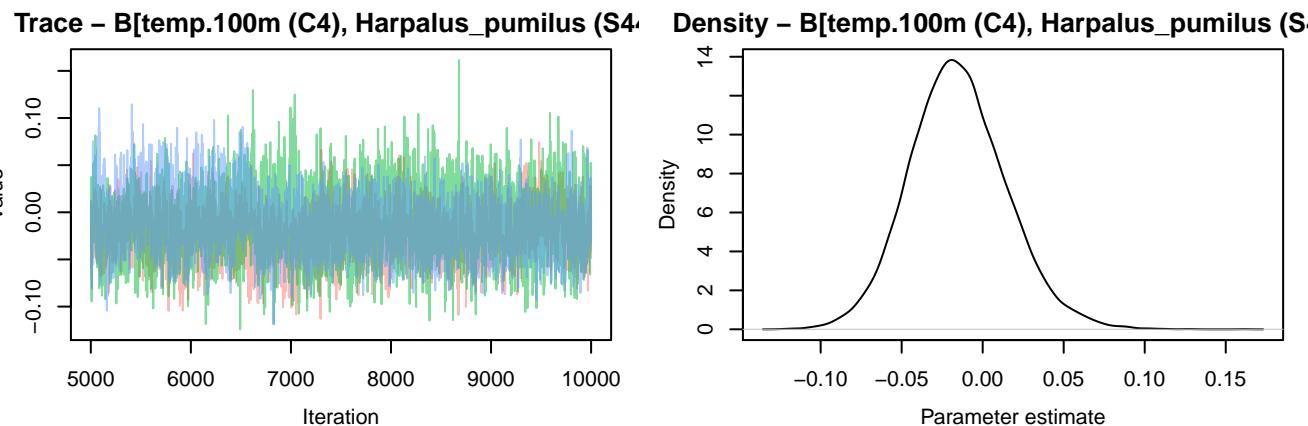
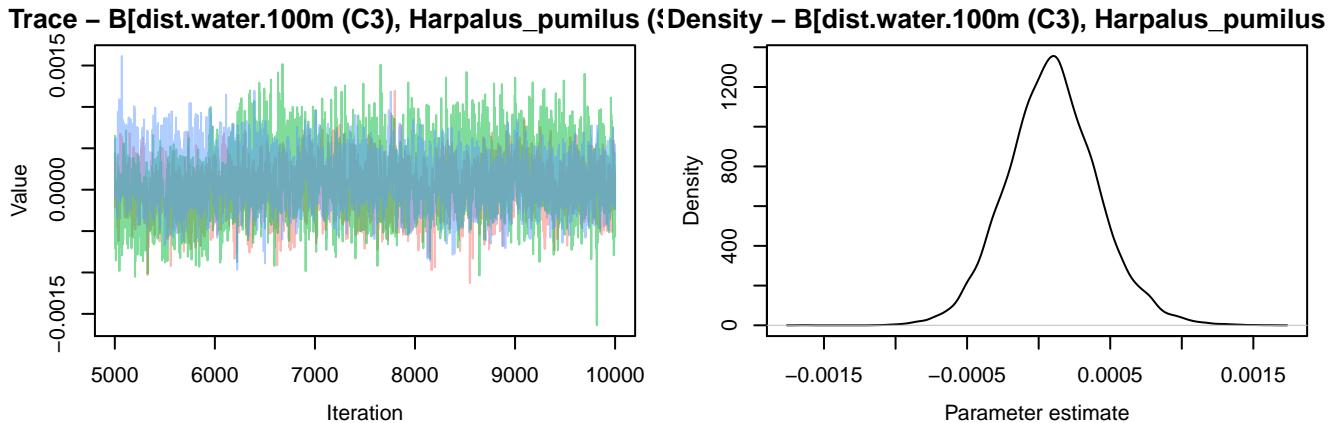


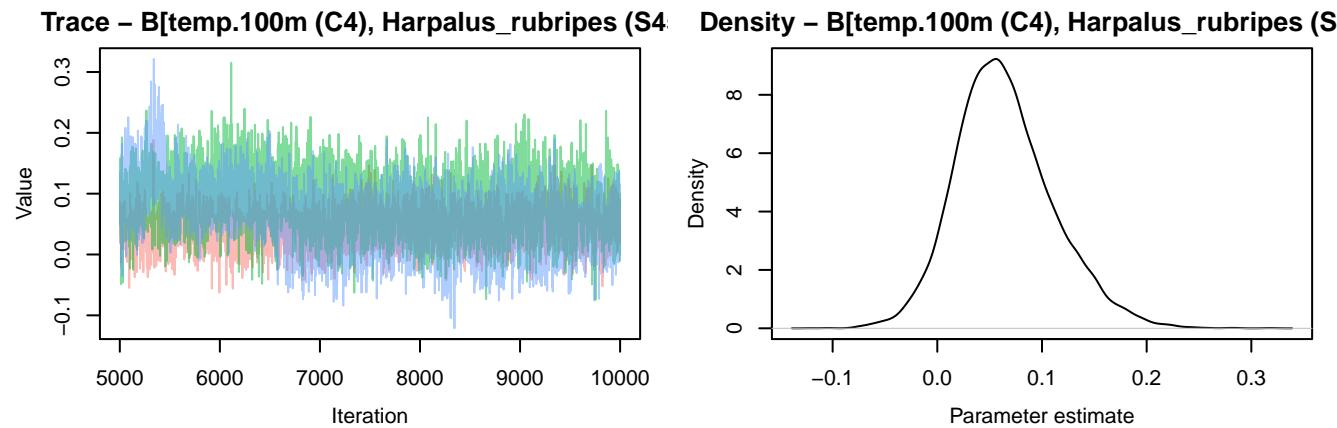
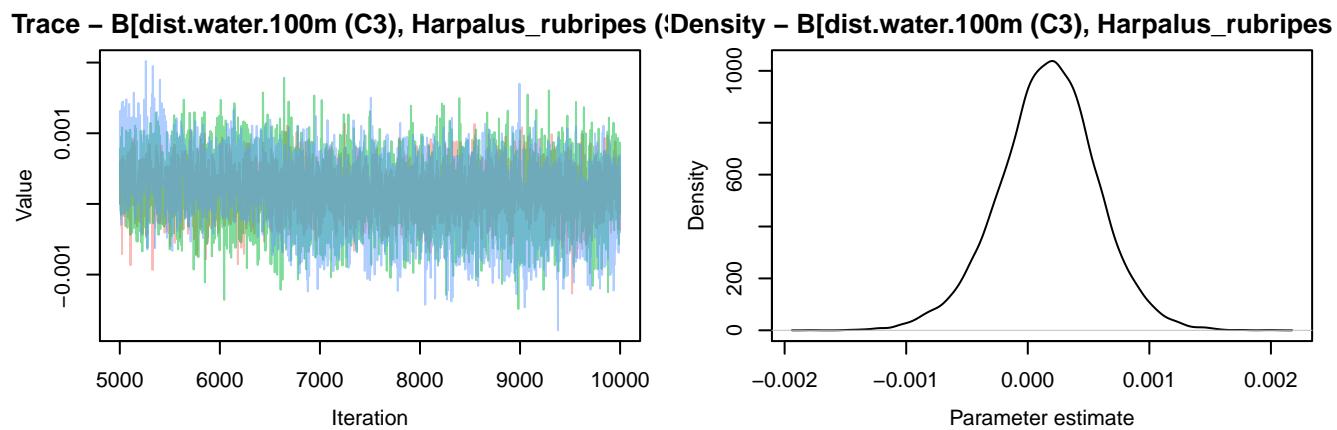
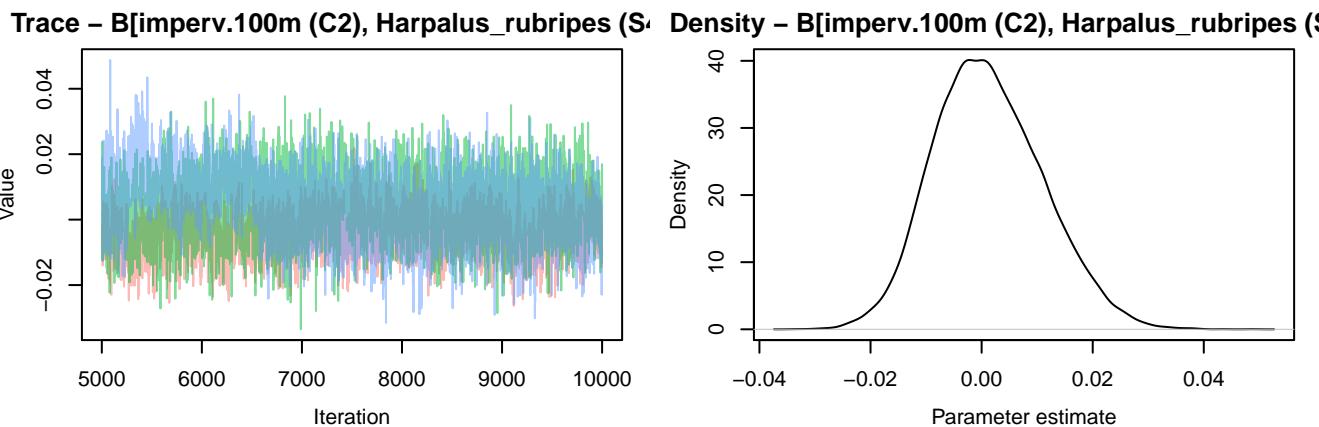
ace - B[temp.100m (C4), Cryptophonus_melancholicusity - B[temp.100m (C4), Cryptophonus_melancholicusity

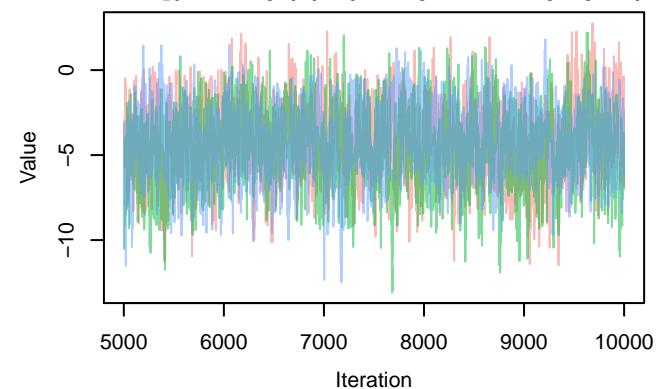
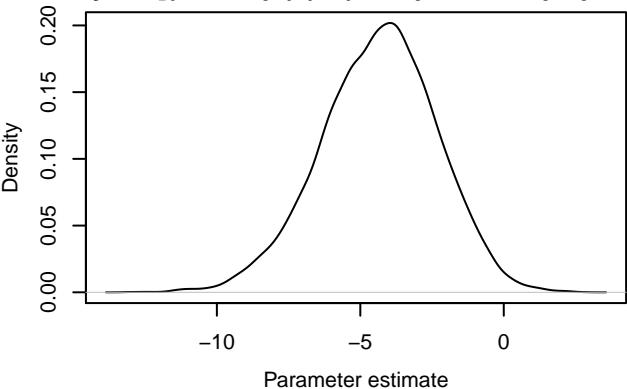
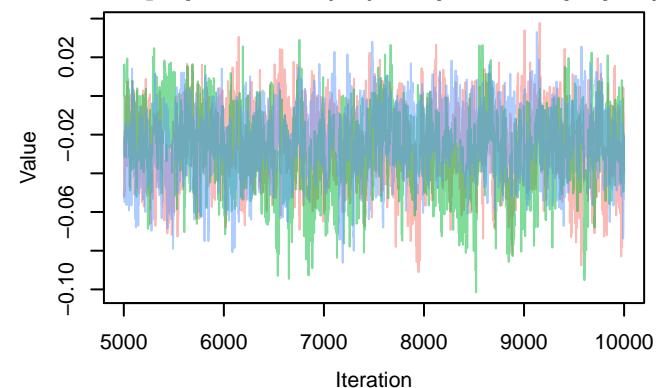
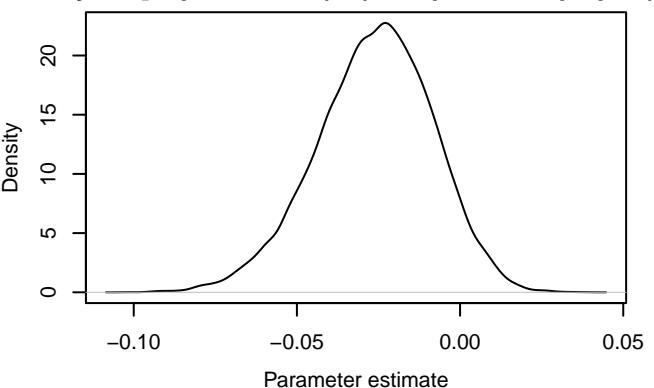
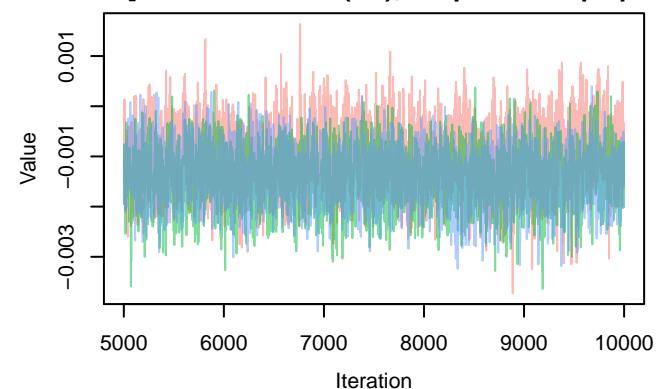
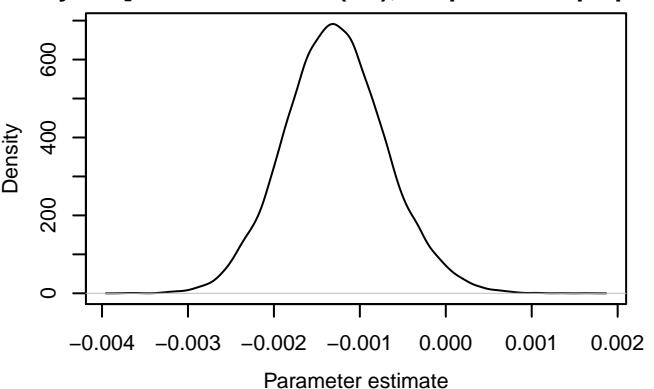


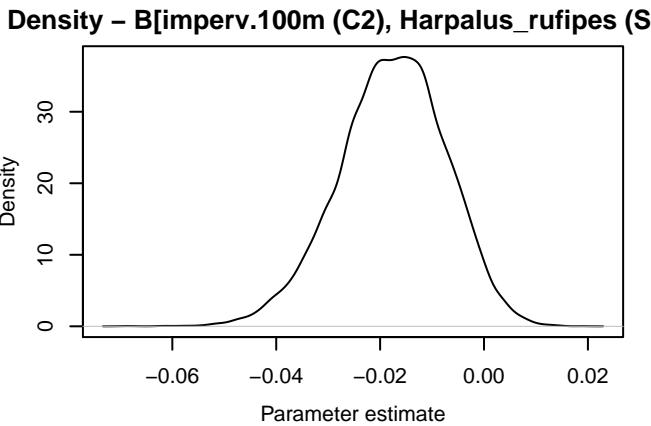
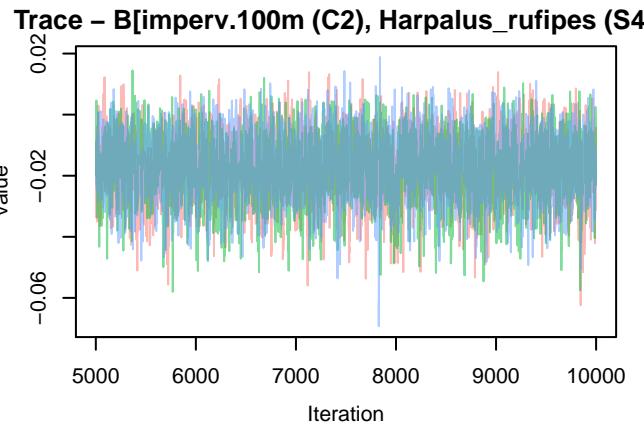
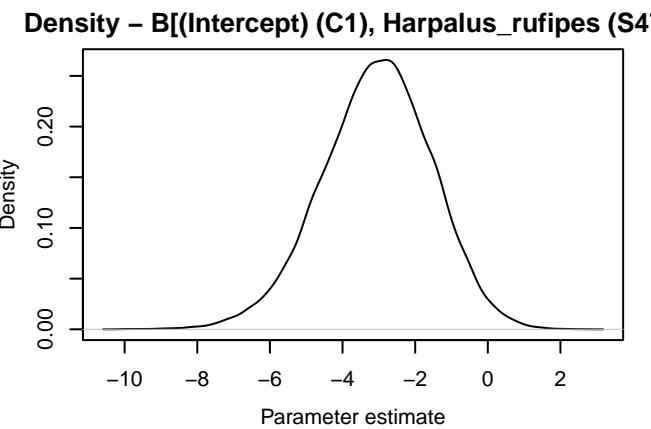
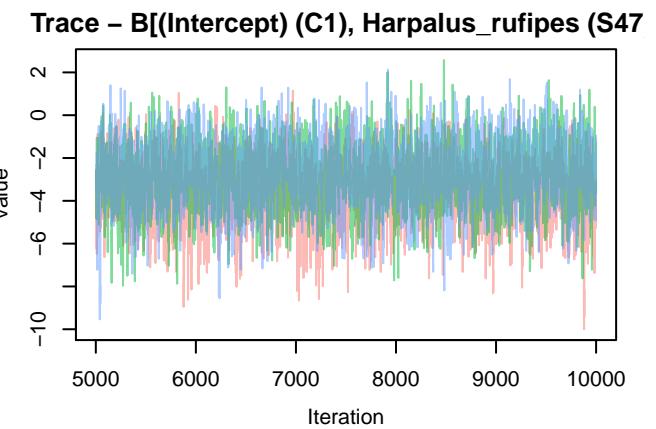
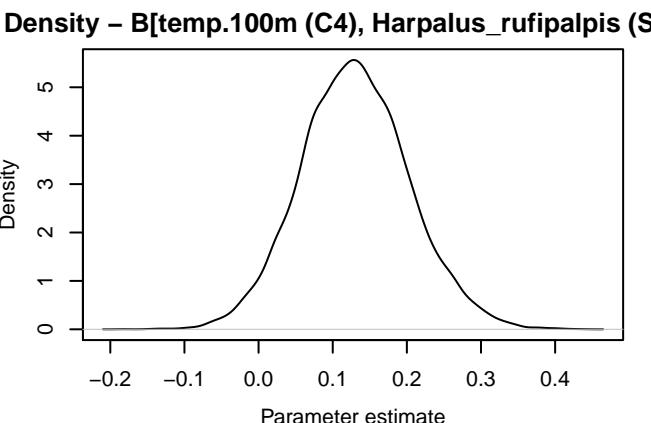
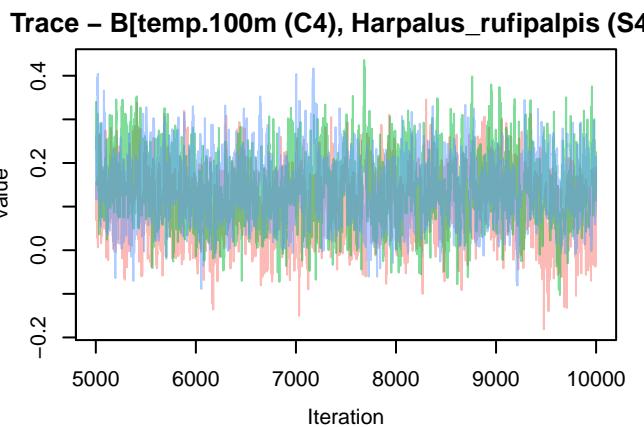


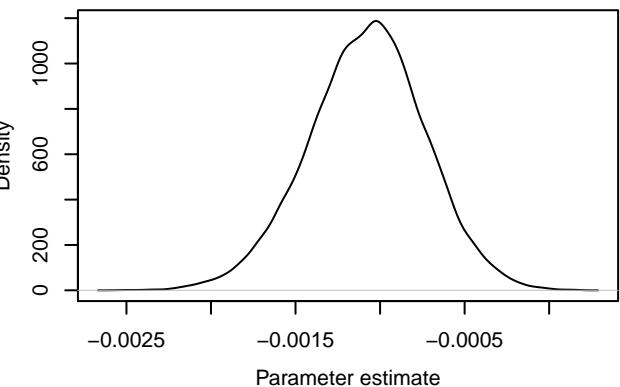
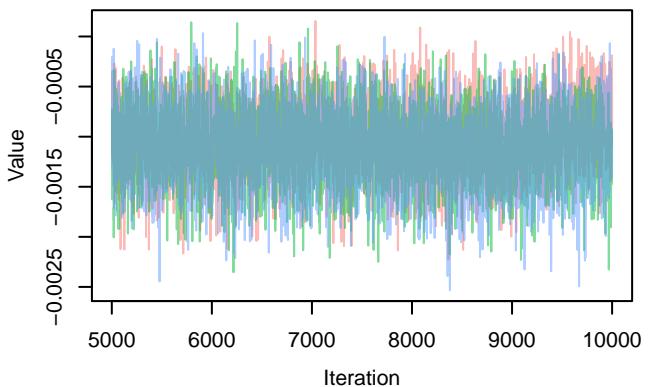
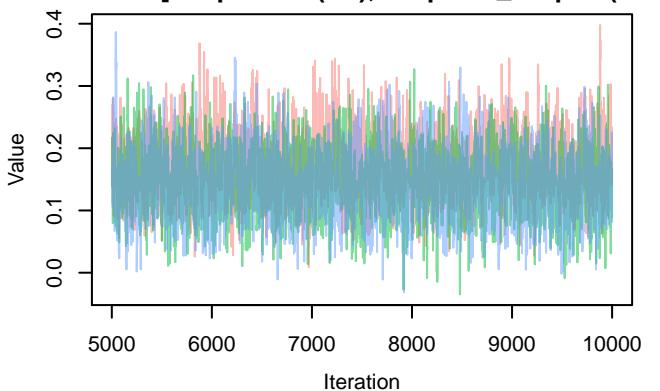
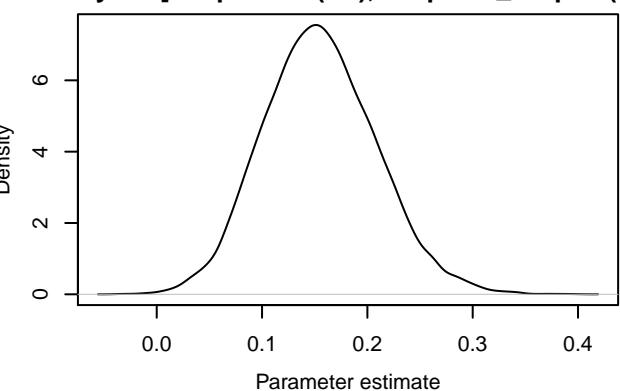
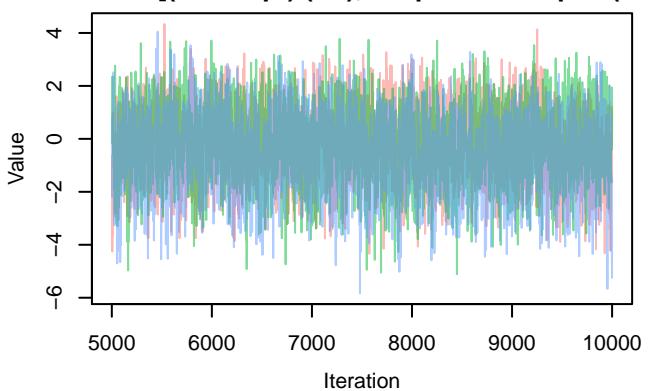
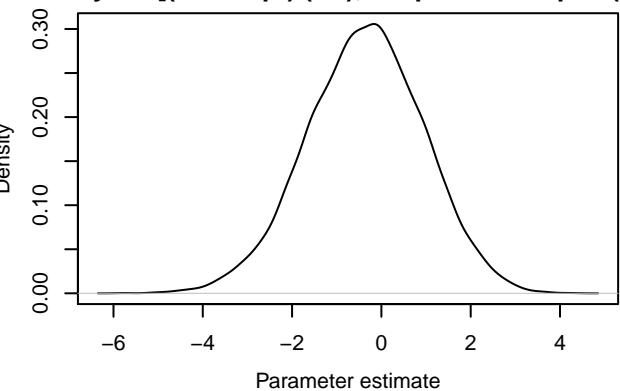


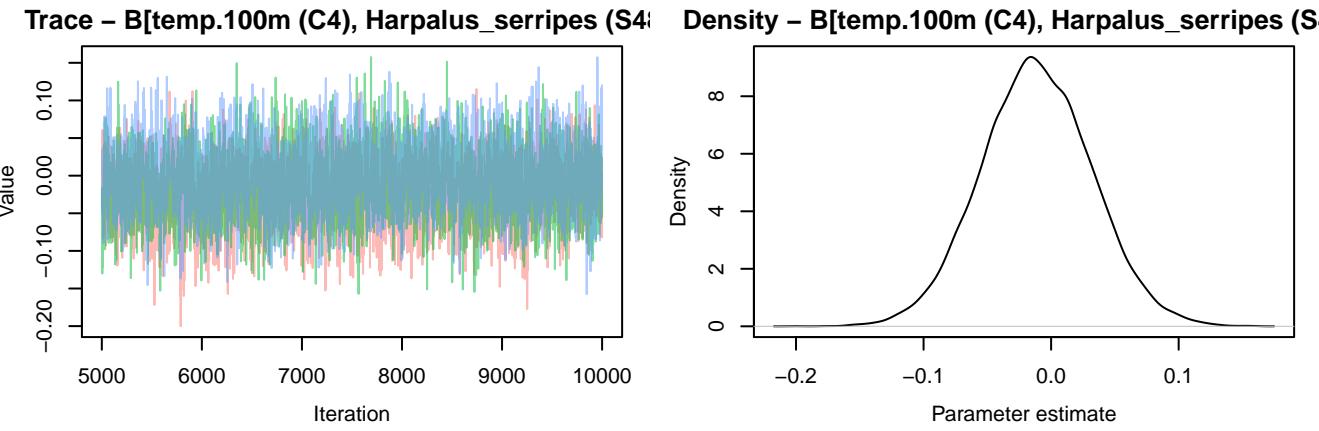
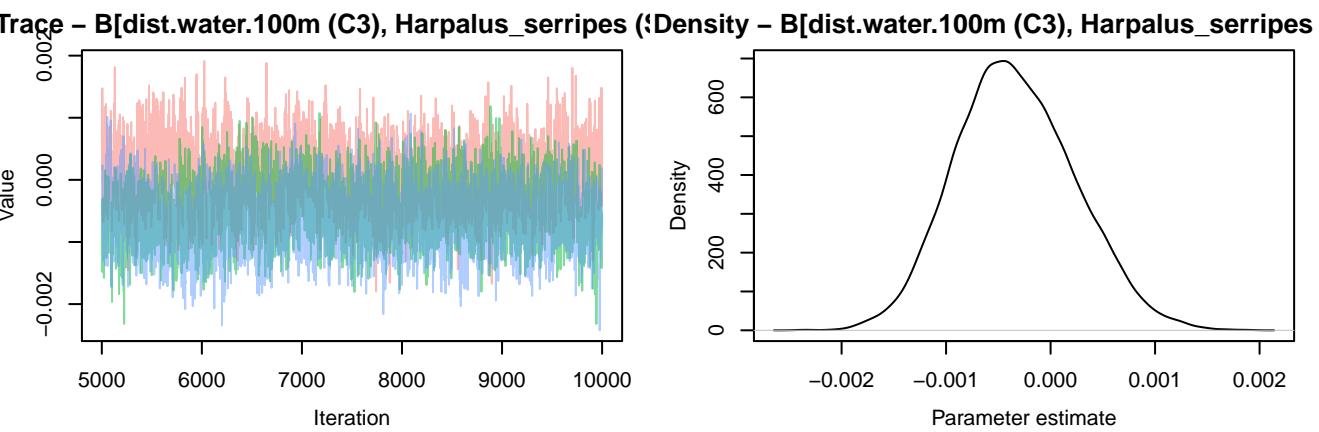
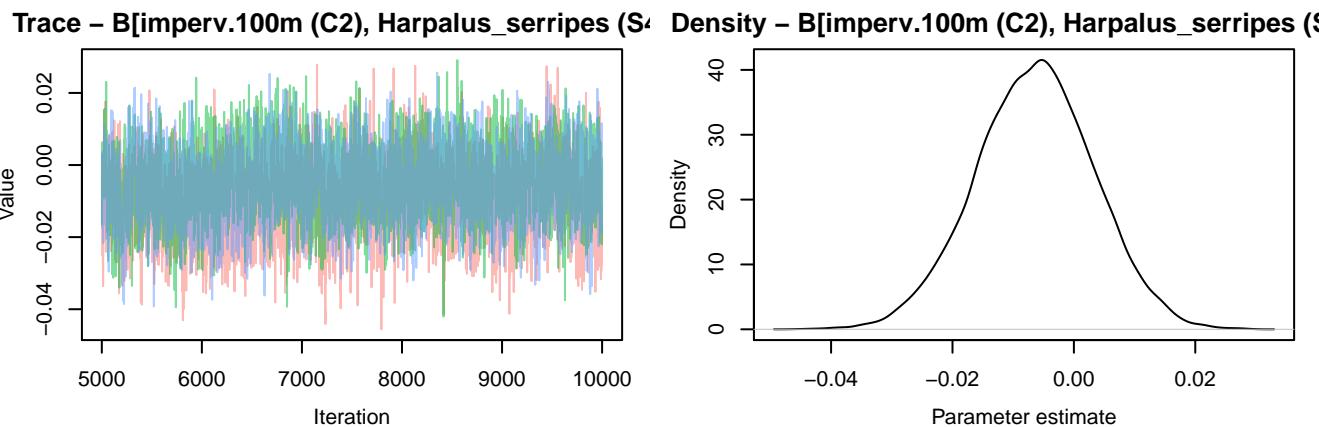


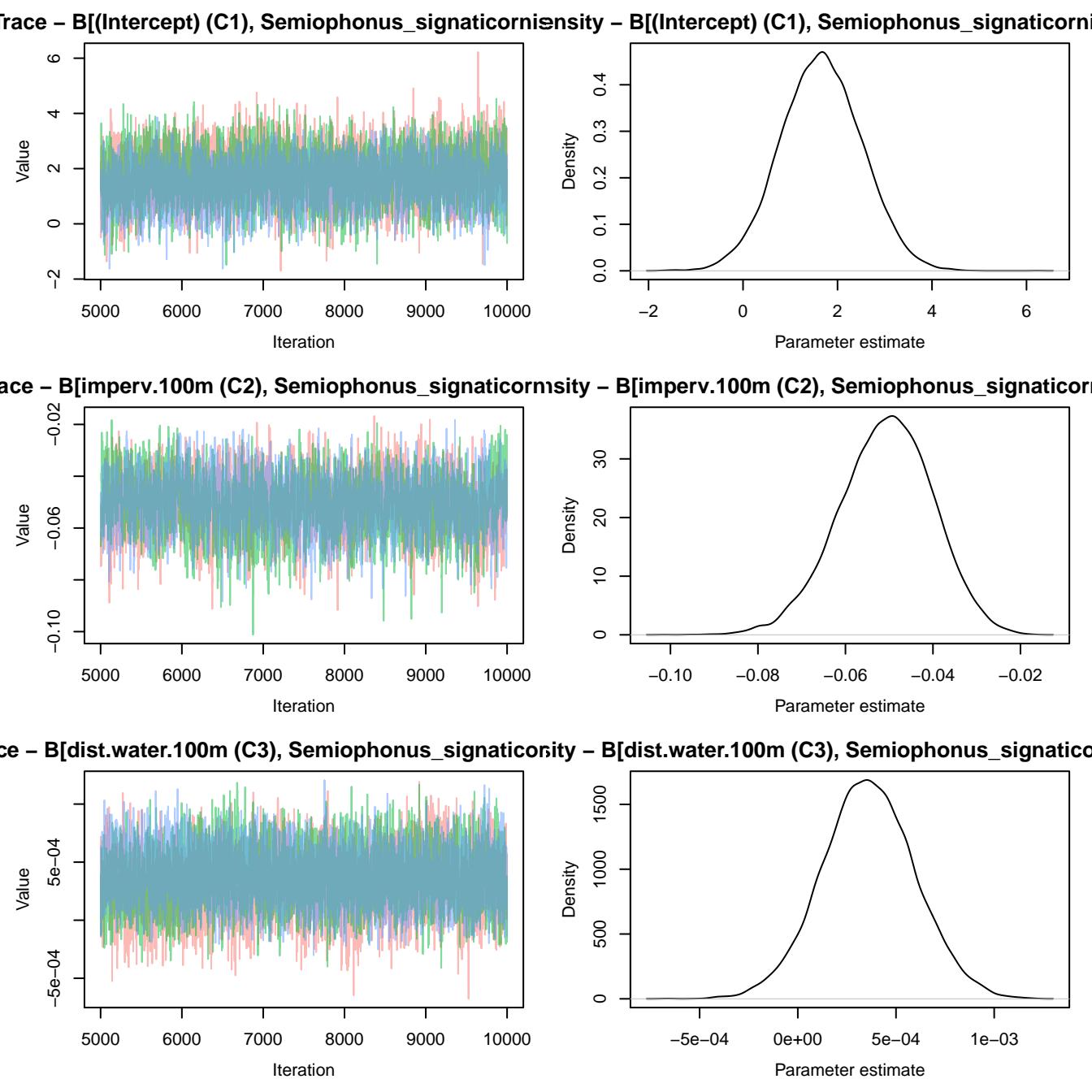


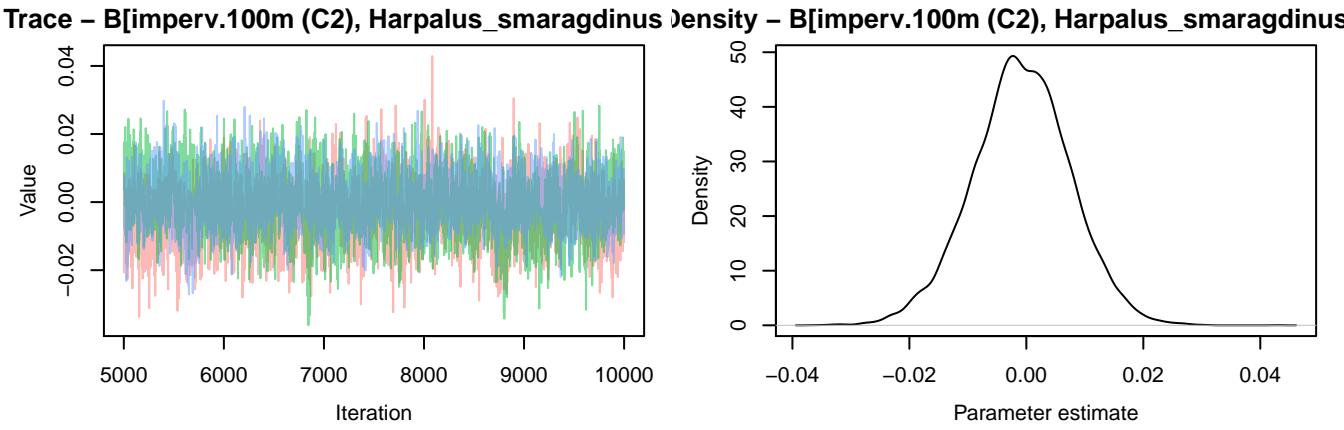
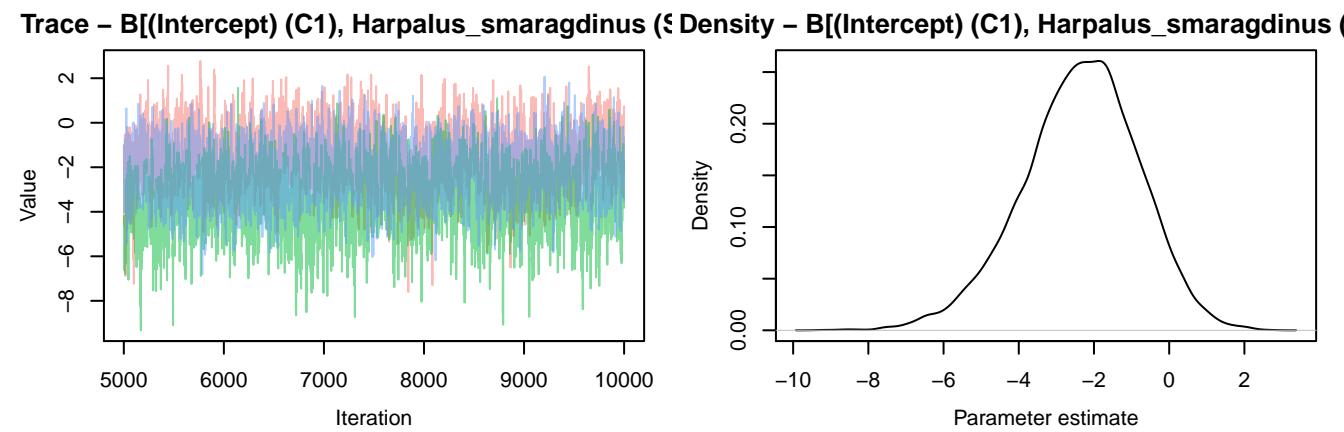
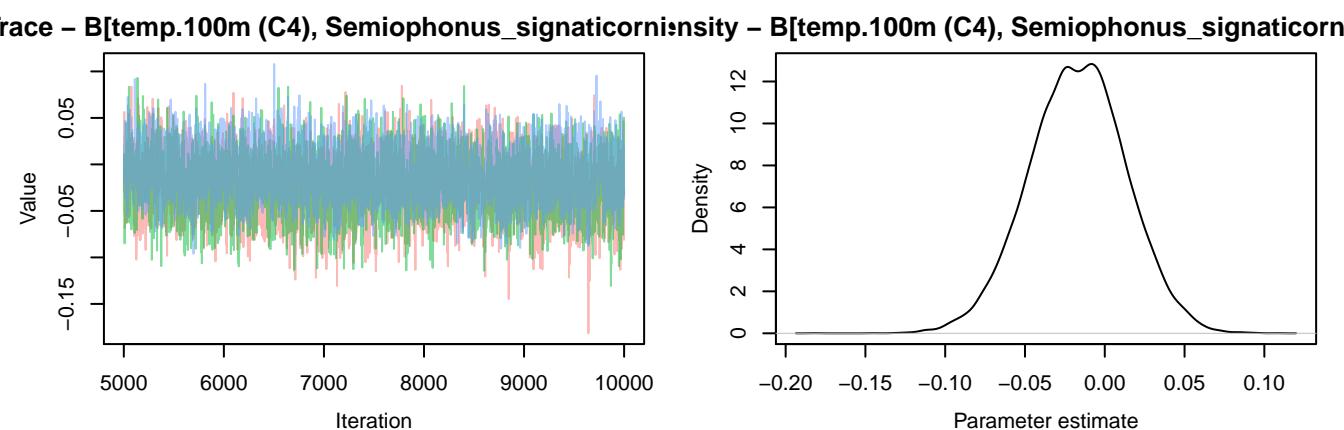
Trace – $B[(\text{Intercept}) \text{ (C1)}]$, *Harpalus_rufipalpis* (S4)Density – $B[(\text{Intercept}) \text{ (C1)}]$, *Harpalus_rufipalpis* (S4)Trace – $B[\text{imperv.}100\text{m} \text{ (C2)}]$, *Harpalus_rufipalpis* (S4)Density – $B[\text{imperv.}100\text{m} \text{ (C2)}]$, *Harpalus_rufipalpis* (S4)Trace – $B[\text{dist.water.}100\text{m} \text{ (C3)}]$, *Harpalus_rufipalpis* (S4)Density – $B[\text{dist.water.}100\text{m} \text{ (C3)}]$, *Harpalus_rufipalpis* (S4)

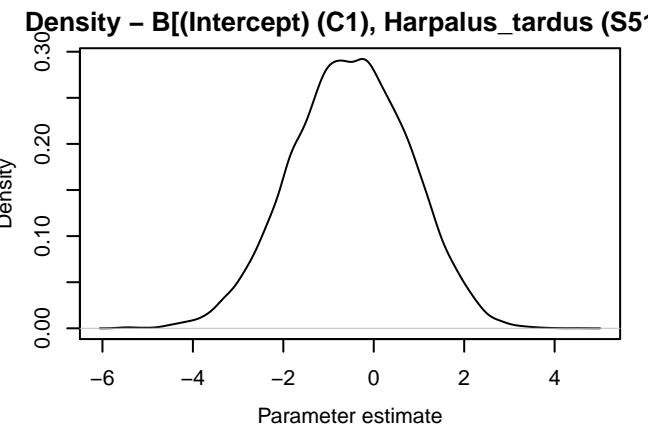
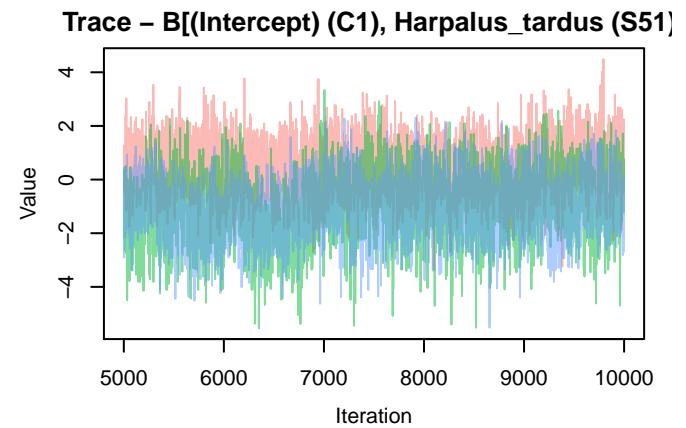
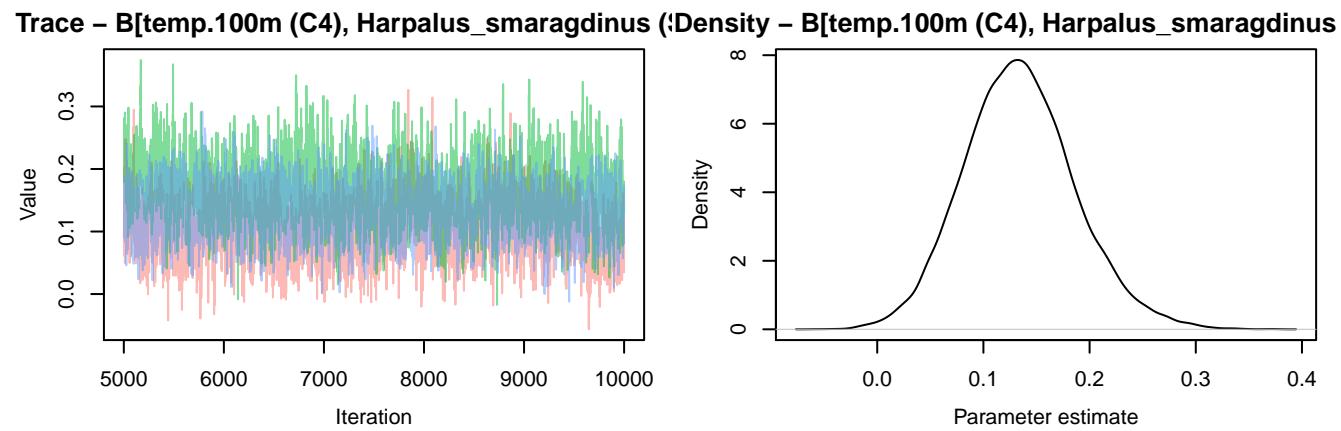
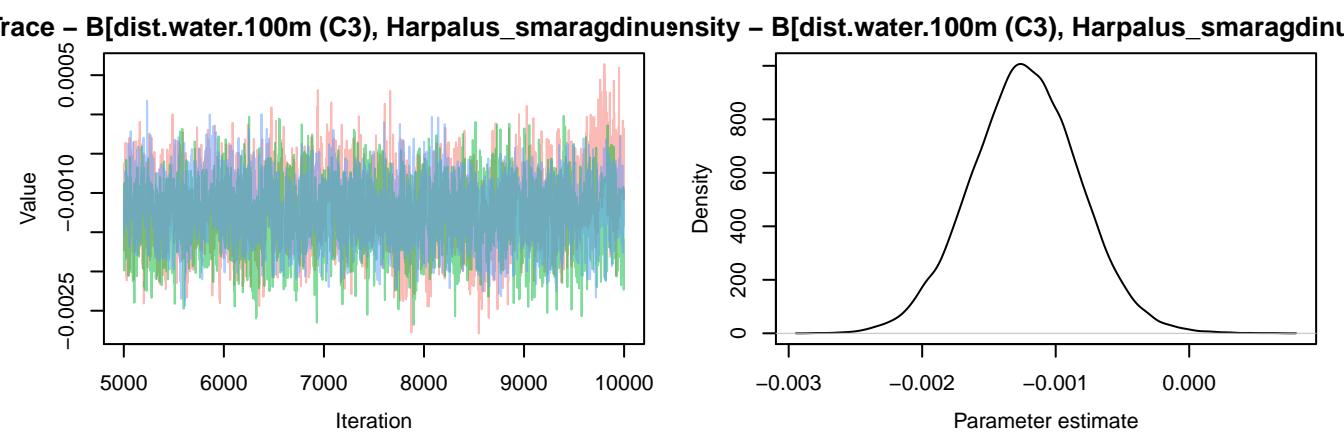


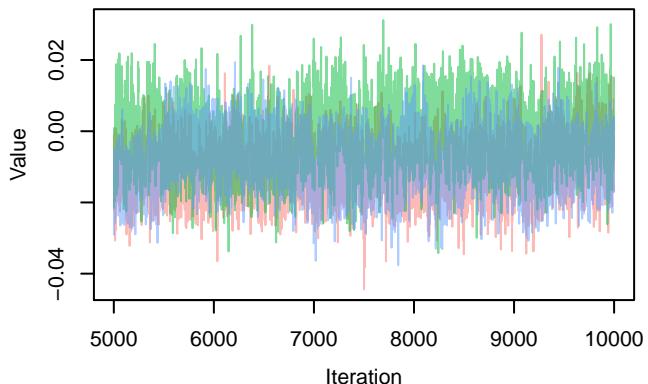
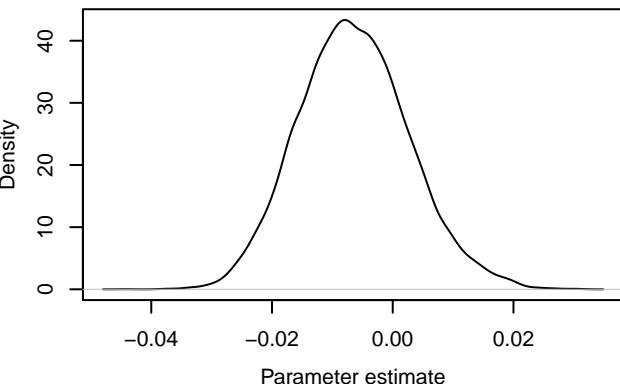
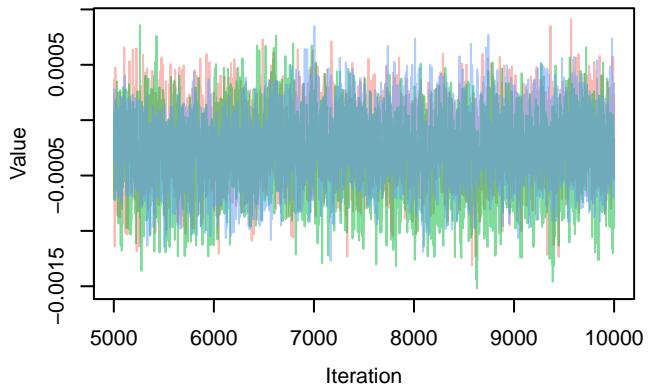
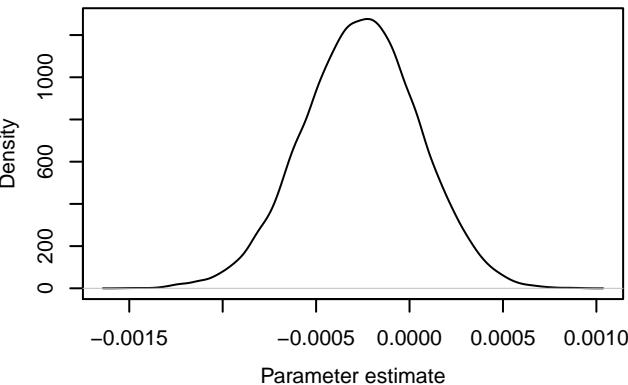
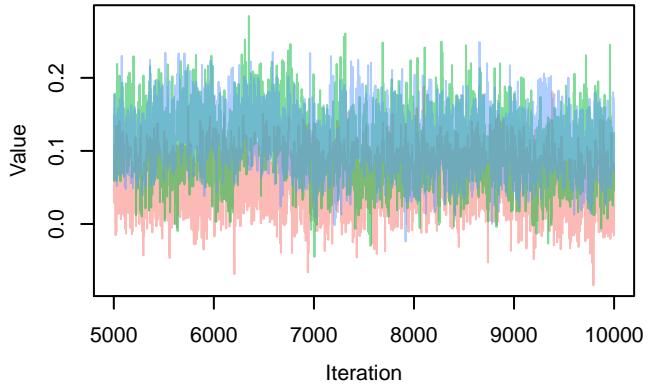
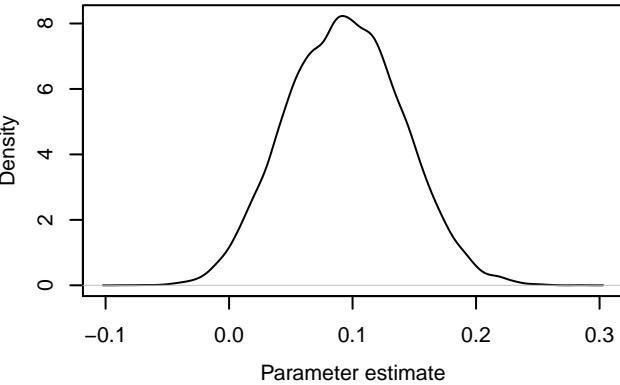
Trace – $B[\text{dist.water.100m (C3)}, \text{Harpalus_rufipes}](S)$ Trace – $B[\text{temp.100m (C4)}, \text{Harpalus_rufipes}](S47)$ Density – $B[\text{temp.100m (C4)}, \text{Harpalus_rufipes}](S47)$ Trace – $B[(\text{Intercept}) (\text{C1}), \text{Harpalus_serripes}](S48)$ Density – $B[(\text{Intercept}) (\text{C1}), \text{Harpalus_serripes}](S48)$ 

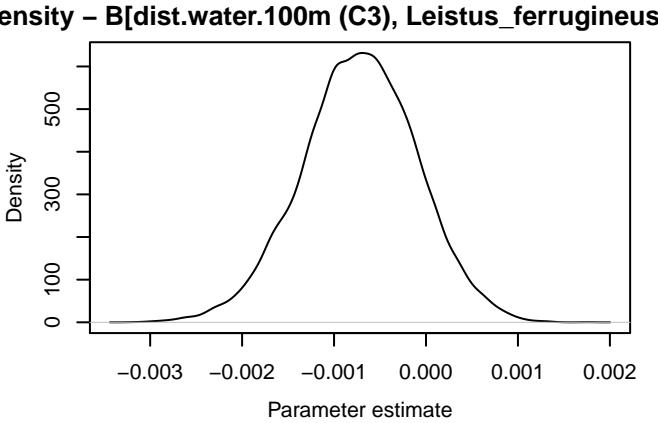
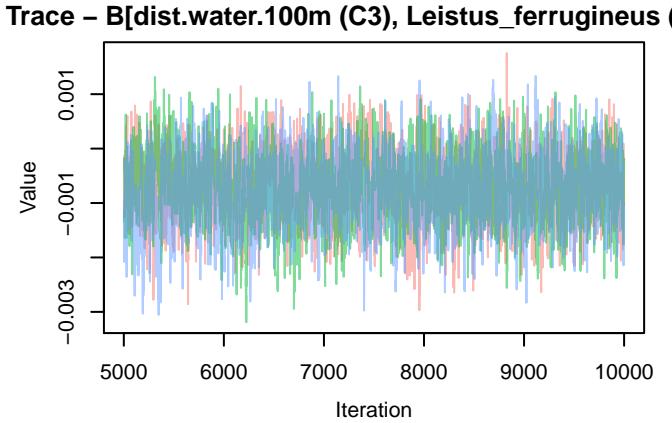
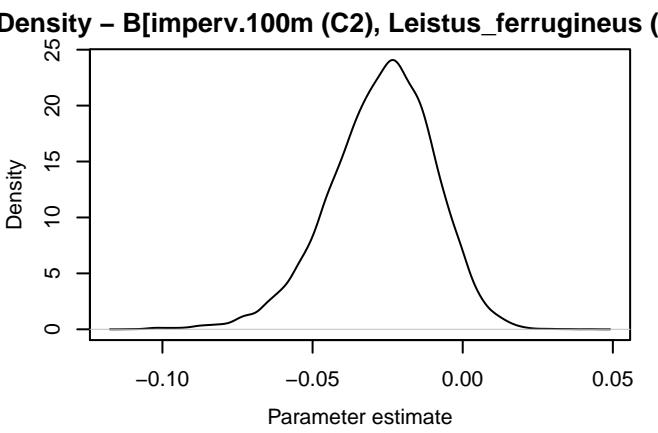
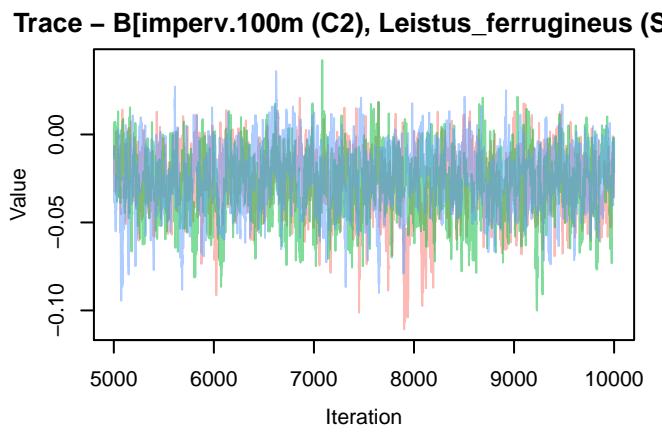
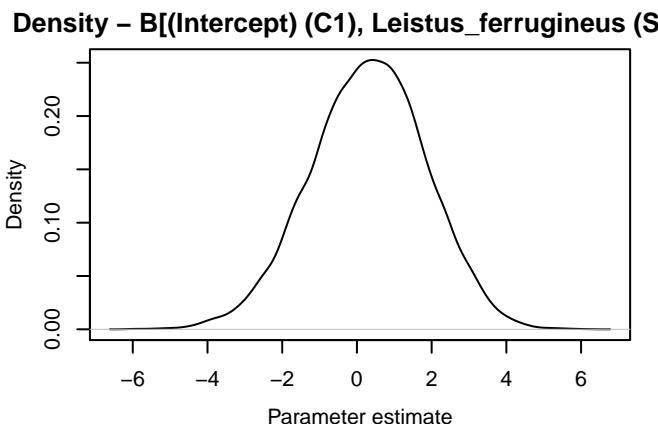
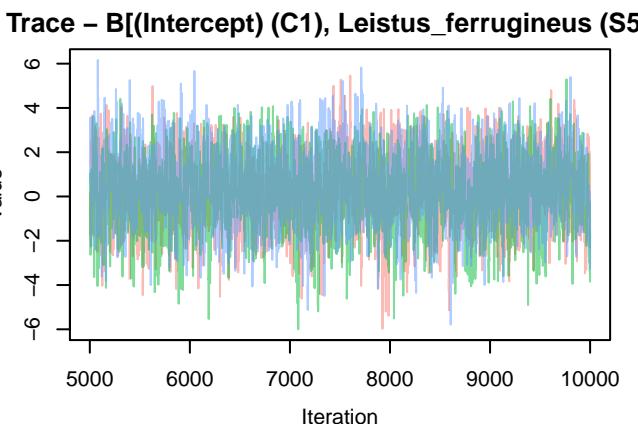


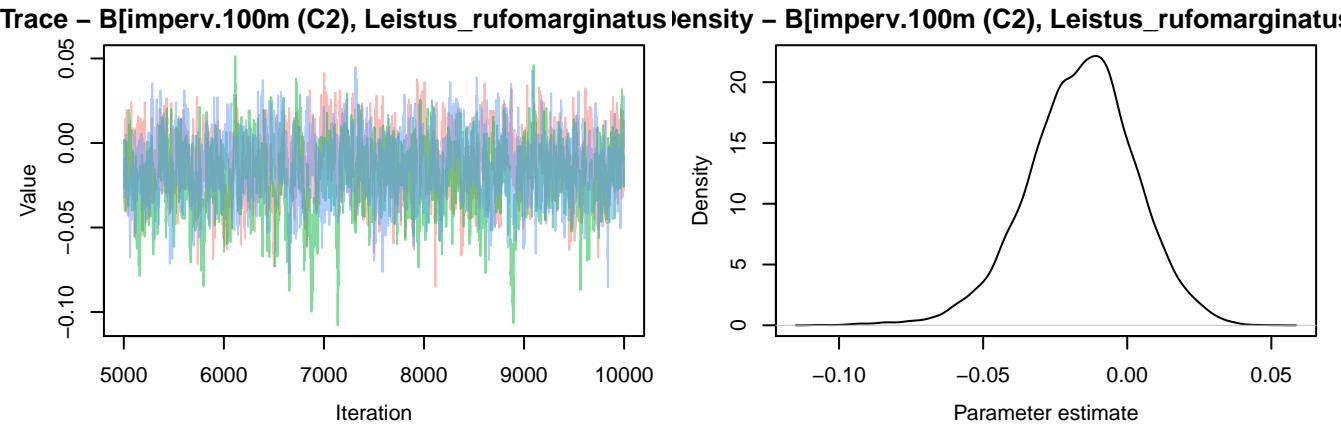
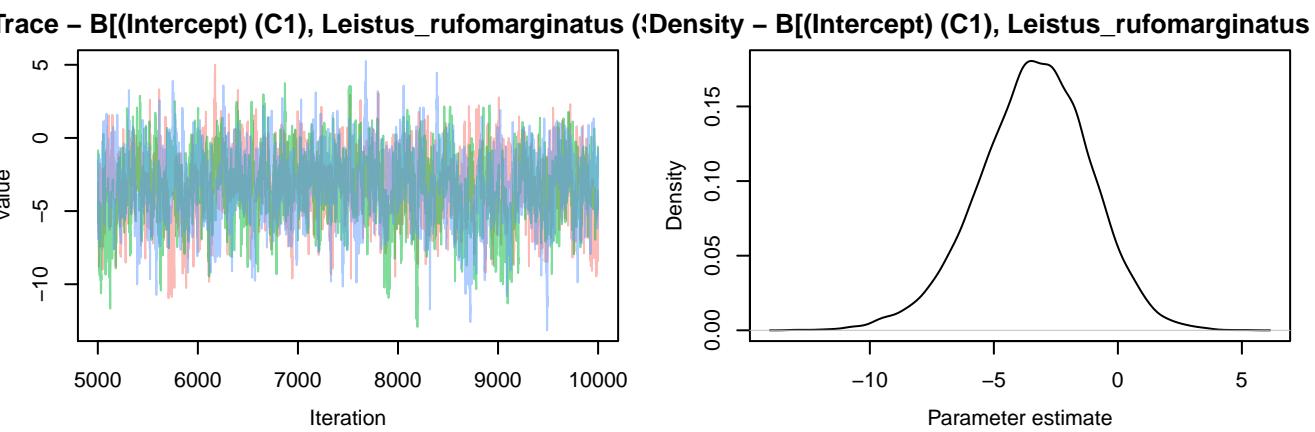
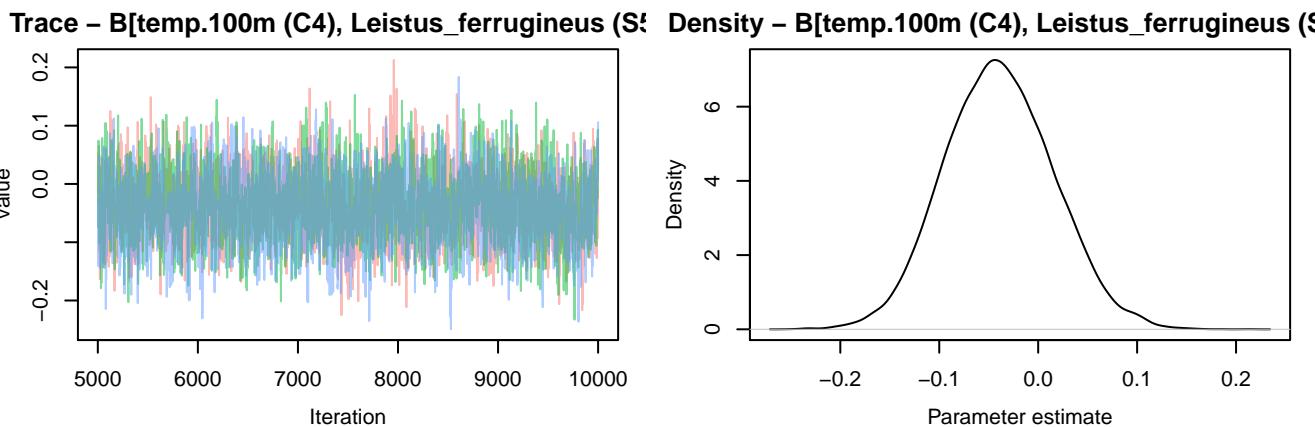




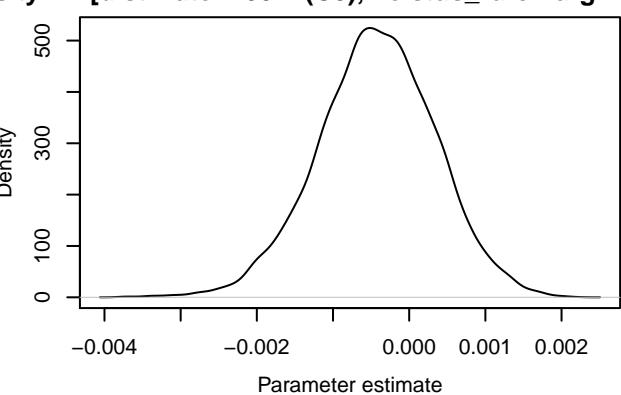
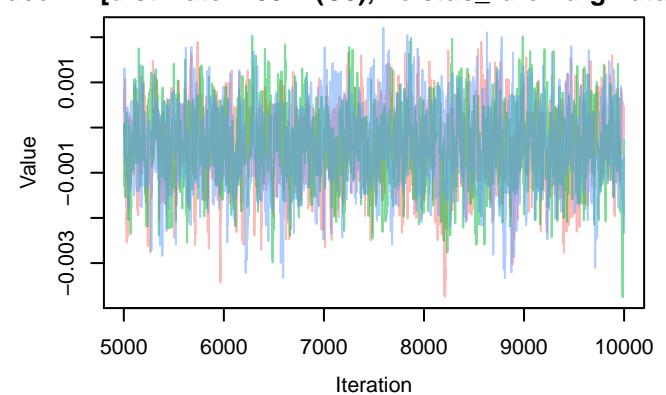


Trace – $B[\text{imperv.}100\text{m (C2), } \text{Harpalus_tardus (S5)}$ Density – $B[\text{imperv.}100\text{m (C2), } \text{Harpalus_tardus (S5)}$ Trace – $B[\text{dist.water.}100\text{m (C3), } \text{Harpalus_tardus (S5)}$ Density – $B[\text{dist.water.}100\text{m (C3), } \text{Harpalus_tardus (S5)}$ Trace – $B[\text{temp.}100\text{m (C4), } \text{Harpalus_tardus (S51)}$ Density – $B[\text{temp.}100\text{m (C4), } \text{Harpalus_tardus (S51)}$ 

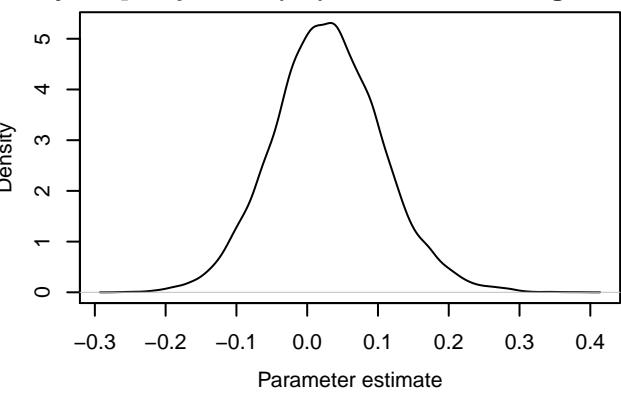
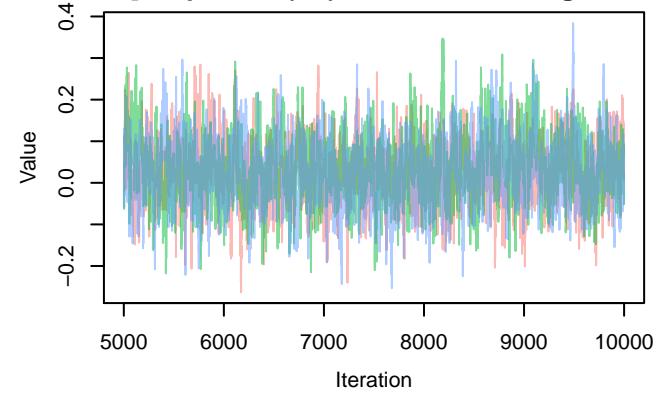




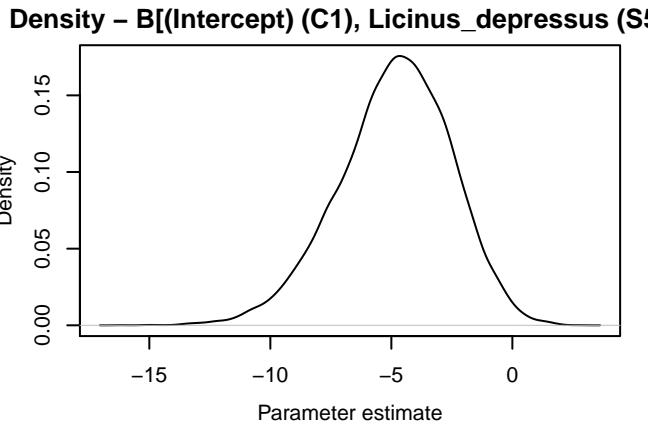
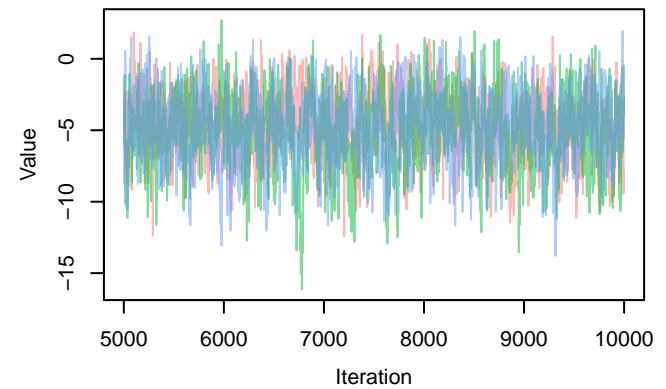
Trace – $B[dist.\text{water}.100\text{m} \text{ (C3)}, Leistus_rufomarginatus]$

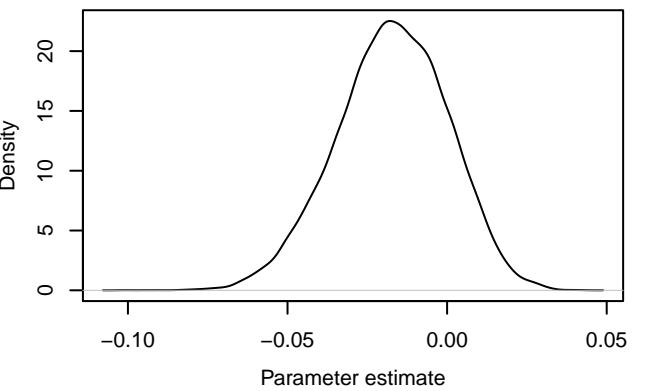
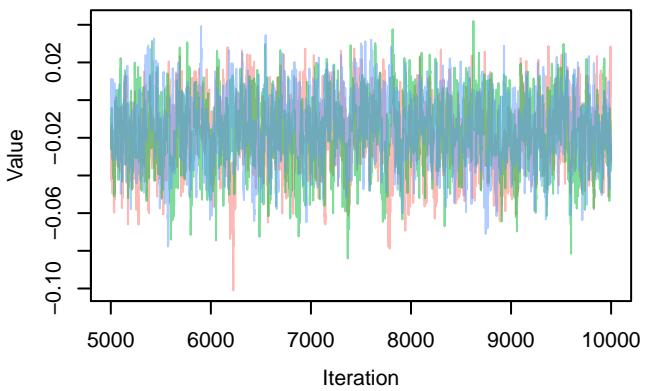
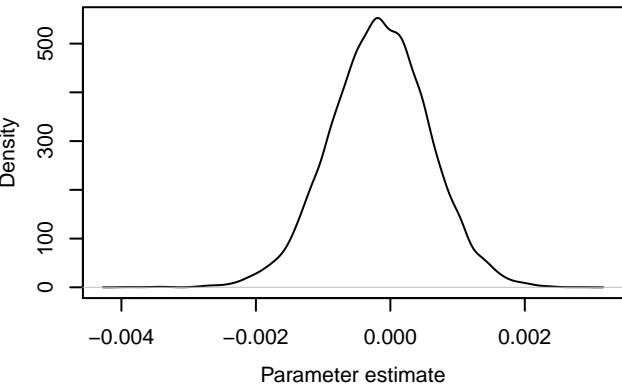
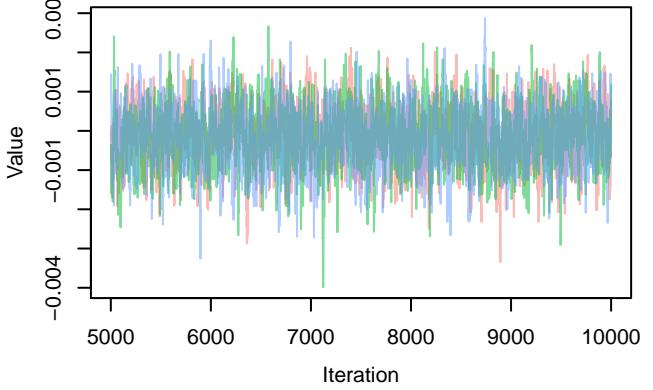
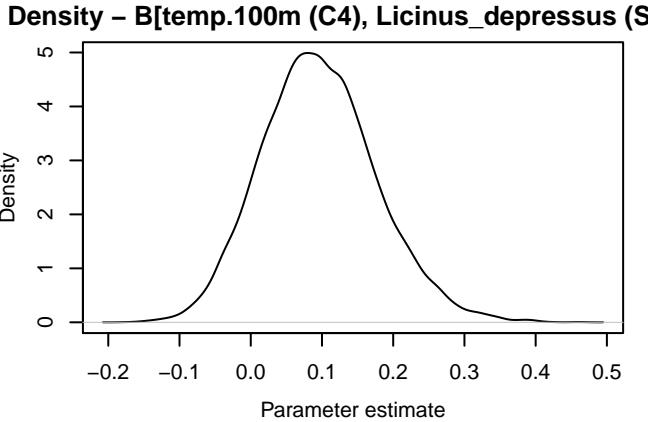
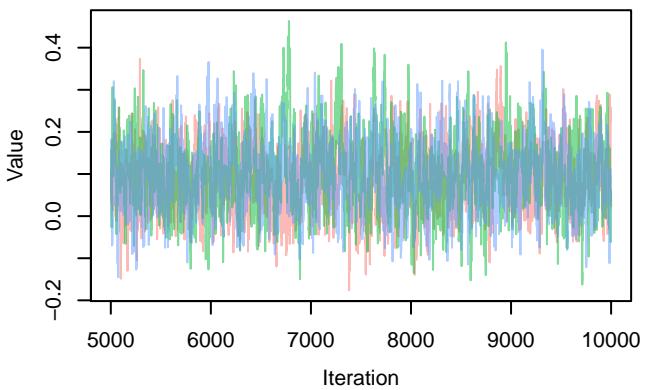


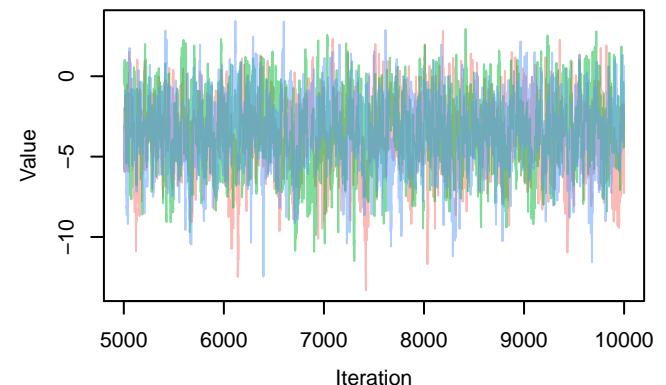
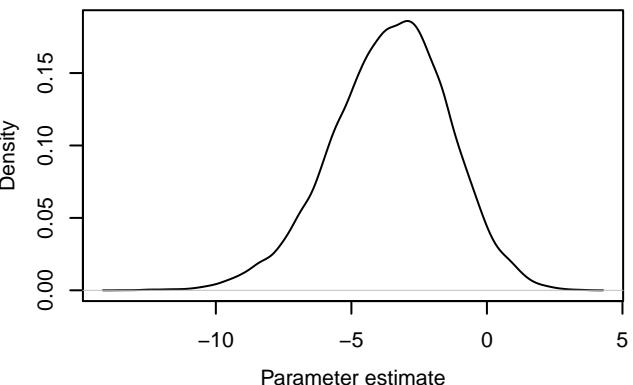
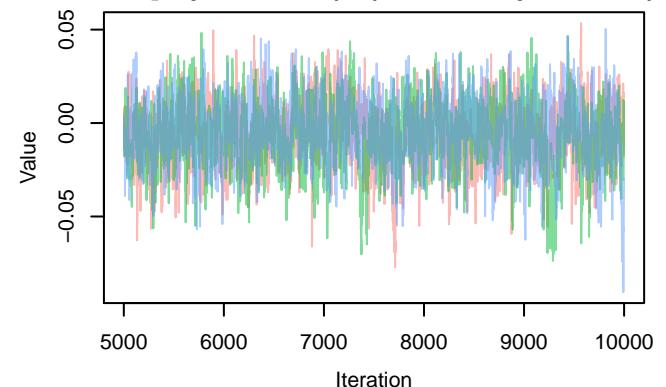
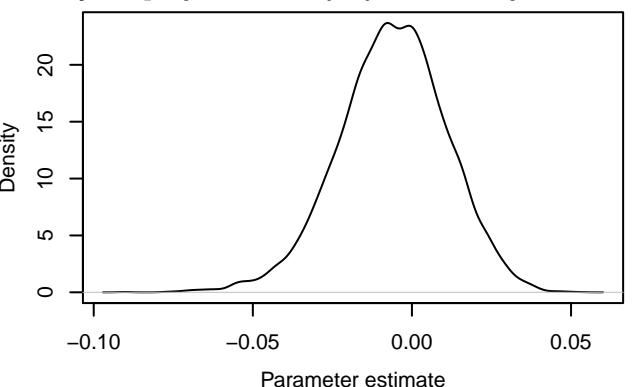
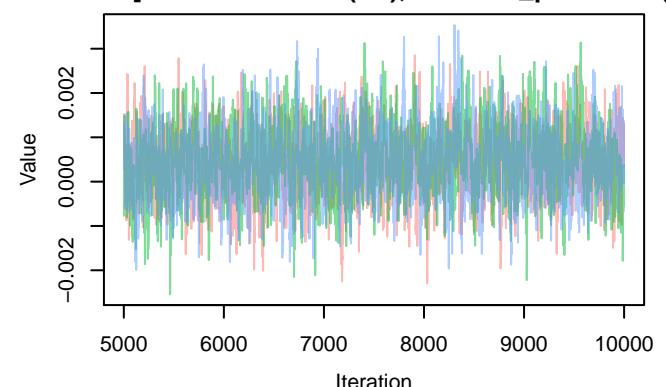
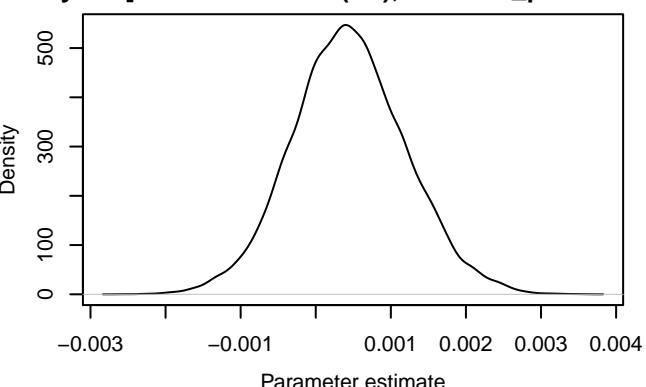
Trace – $B[temp.100\text{m} \text{ (C4)}, Leistus_rufomarginatus]$ (Density – $B[temp.100\text{m} \text{ (C4)}, Leistus_rufomarginatus]$)

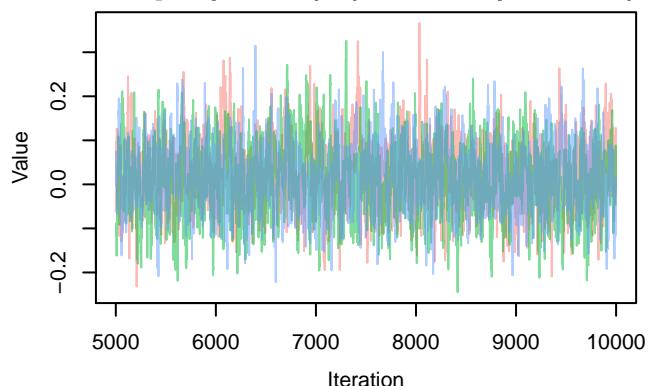
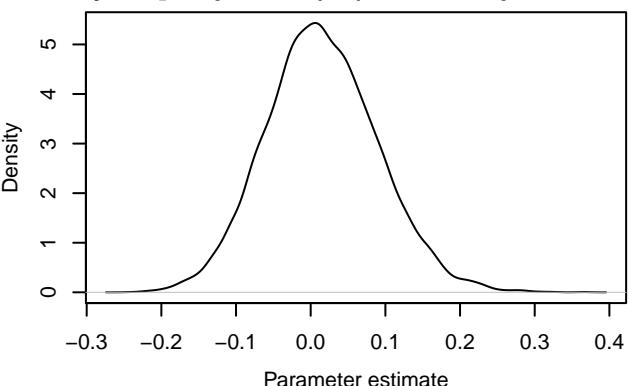
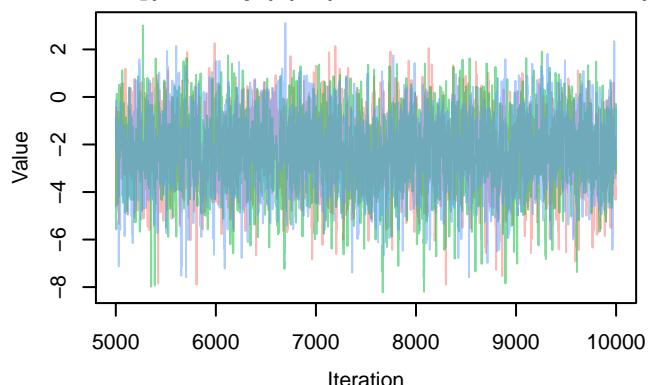
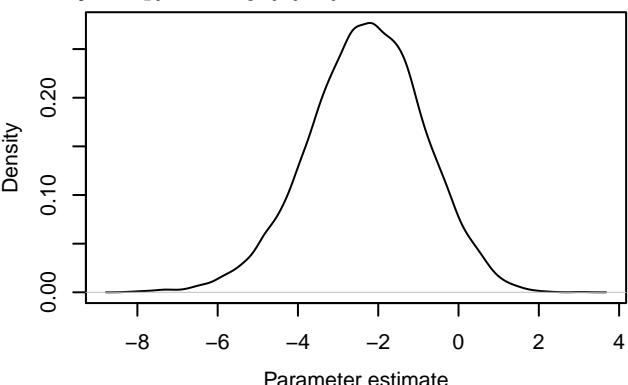
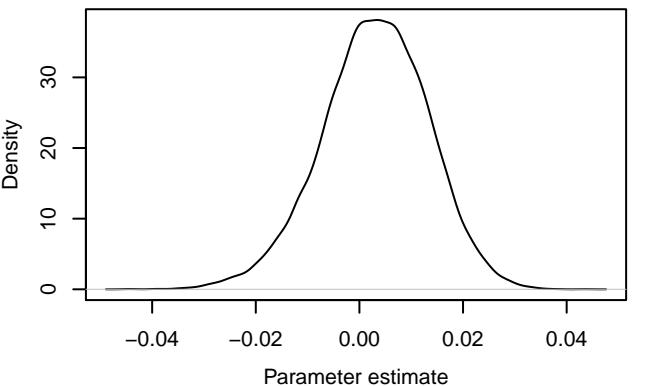
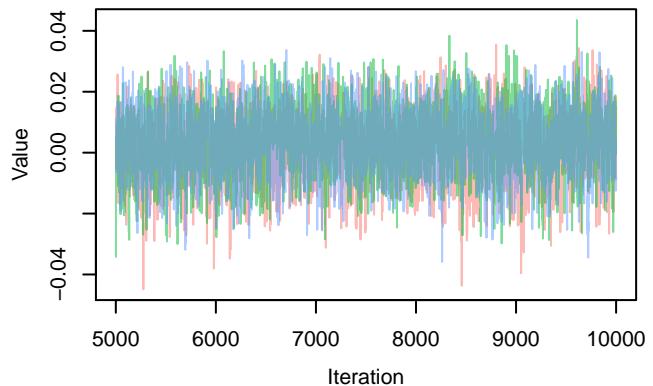


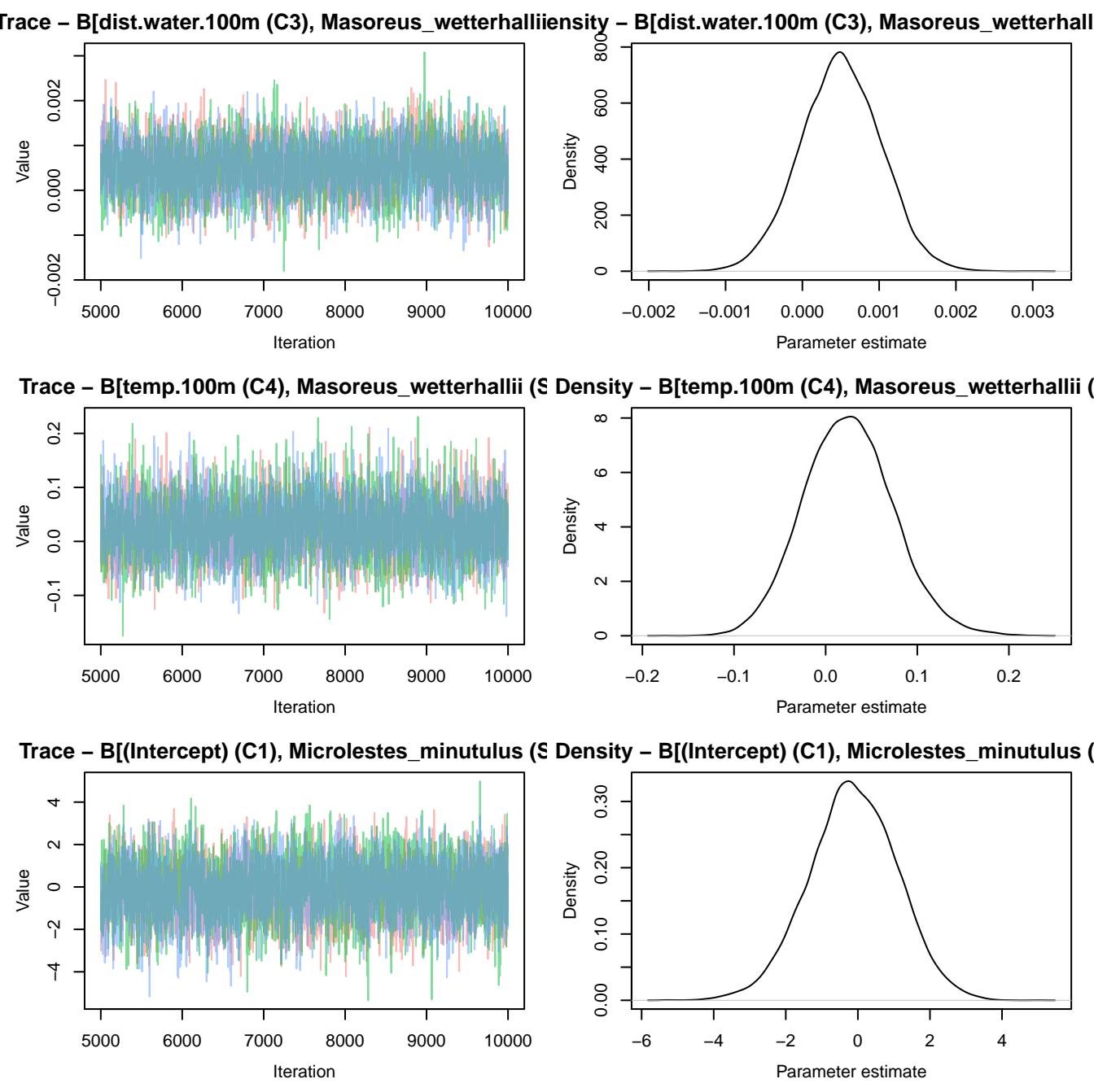
Trace – $B[(\text{Intercept}) \text{ (C1)}, Licinus_depressus \text{ (S5)}]$

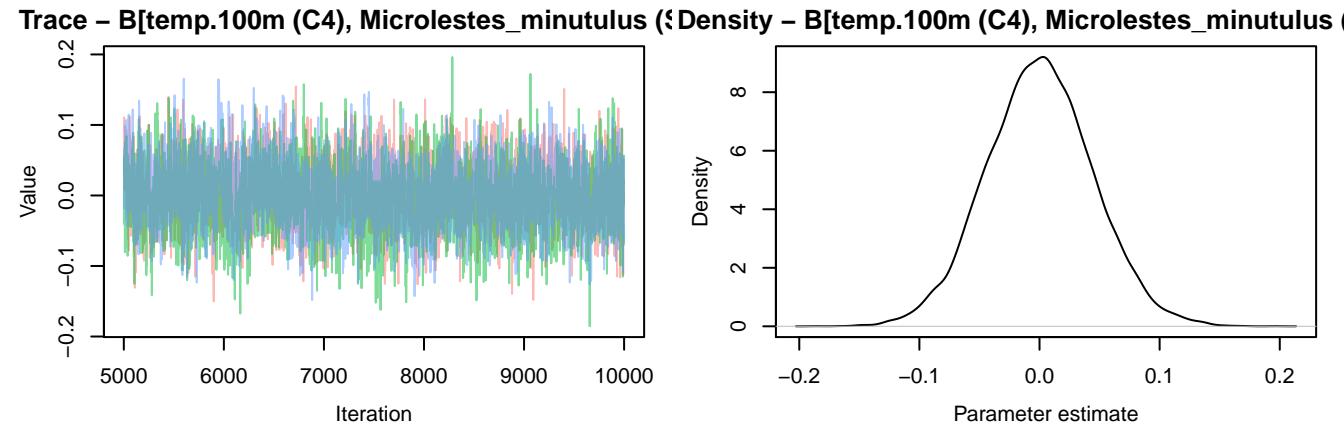
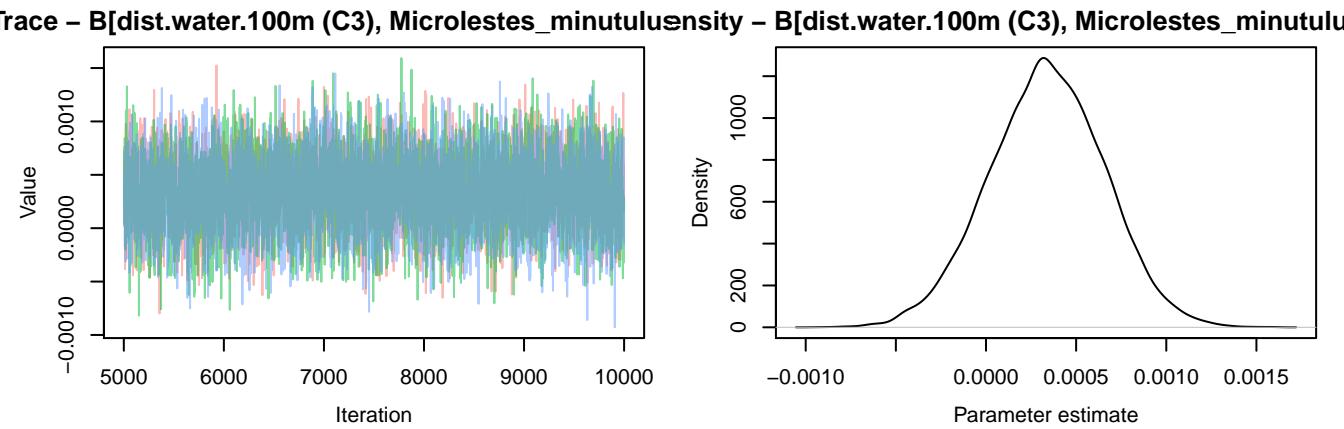
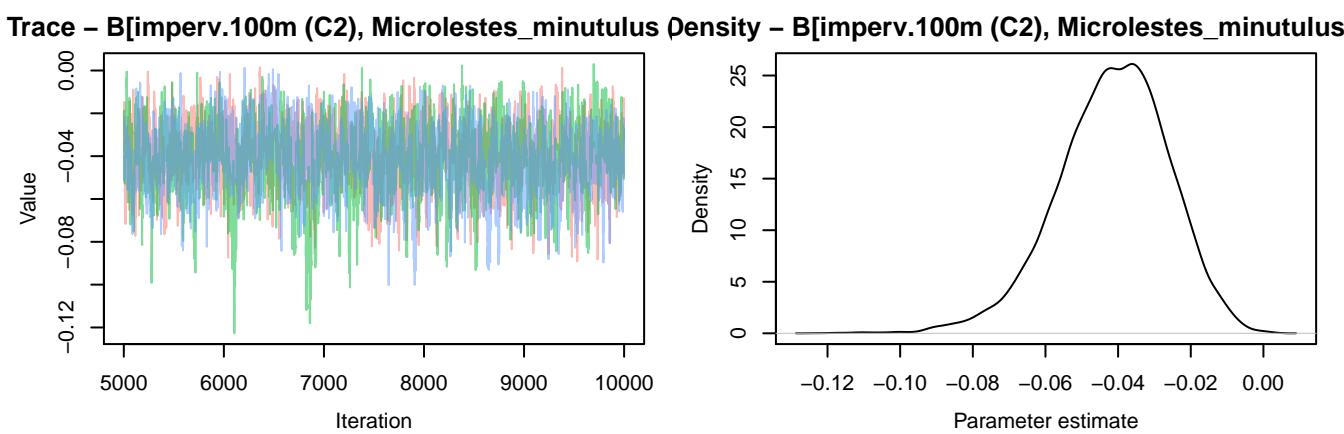


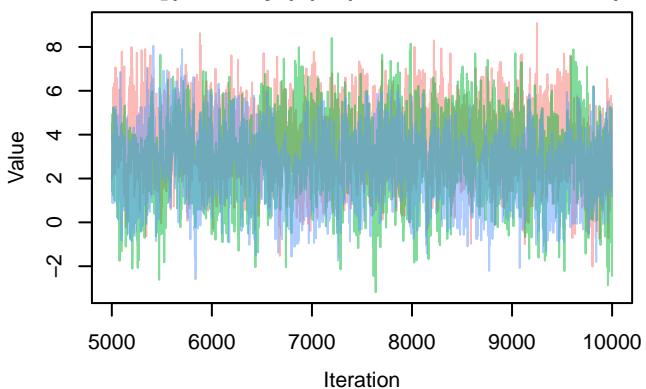
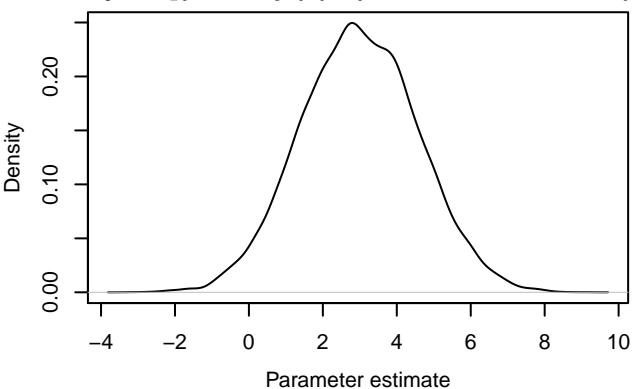
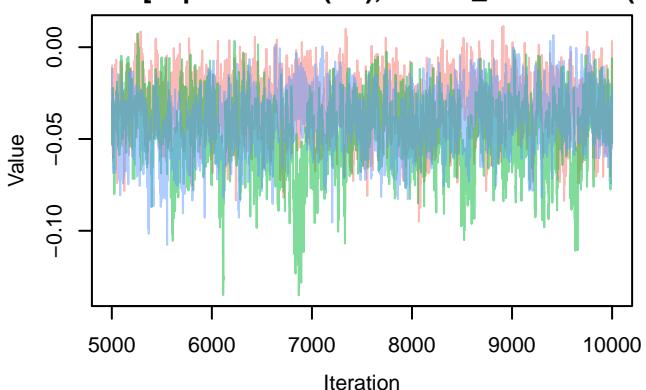
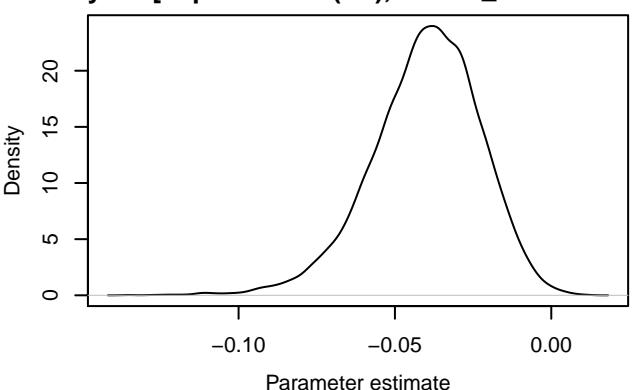
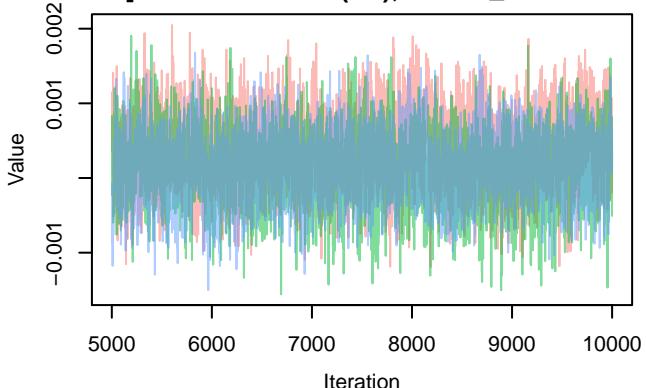
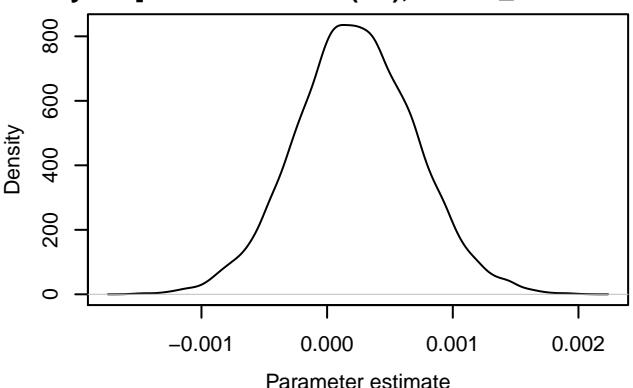
Trace – $B[\text{imperv.}100\text{m (C2), Licinus_depressus (S)}$ Trace – $B[\text{dist.water.}100\text{m (C3), Licinus_depressus (Density)}$ Trace – $B[\text{temp.}100\text{m (C4), Licinus_depressus (S5)}$ 

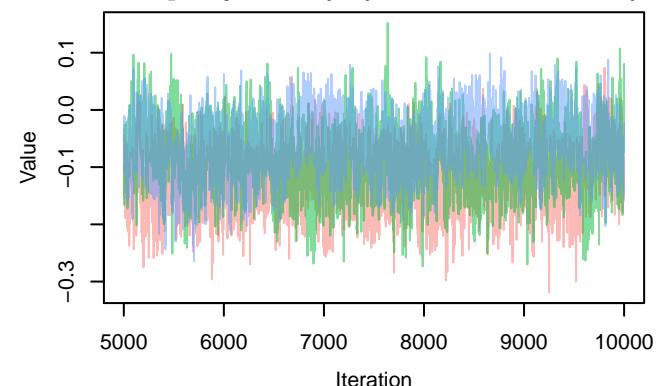
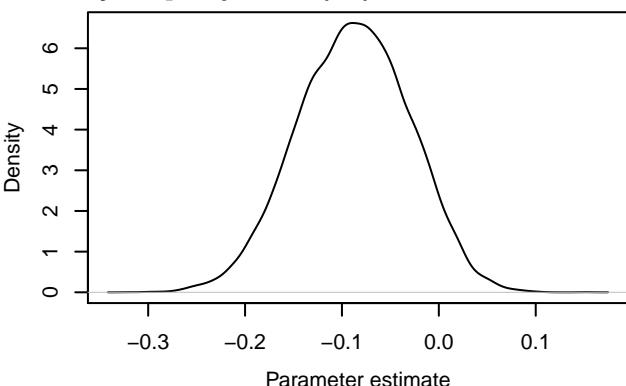
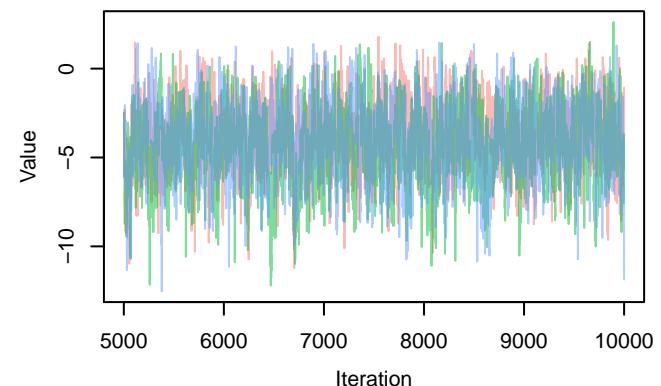
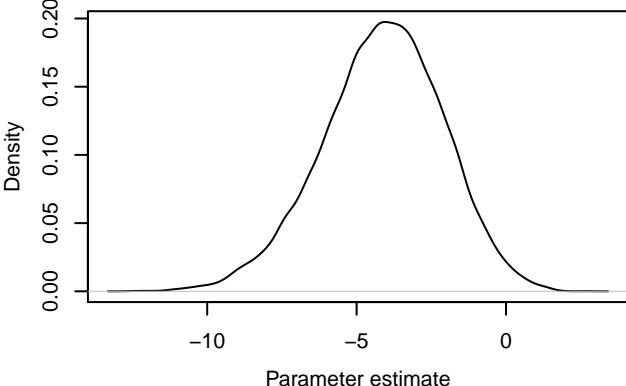
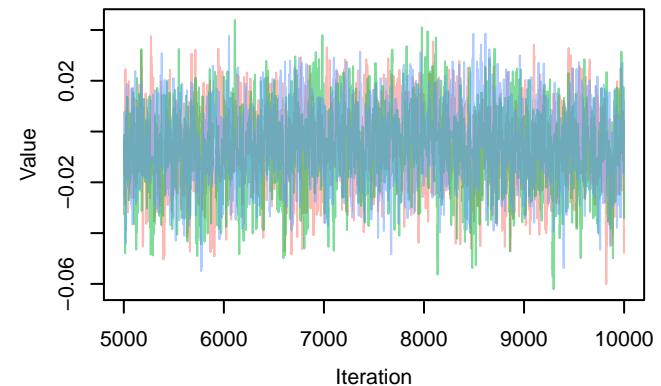
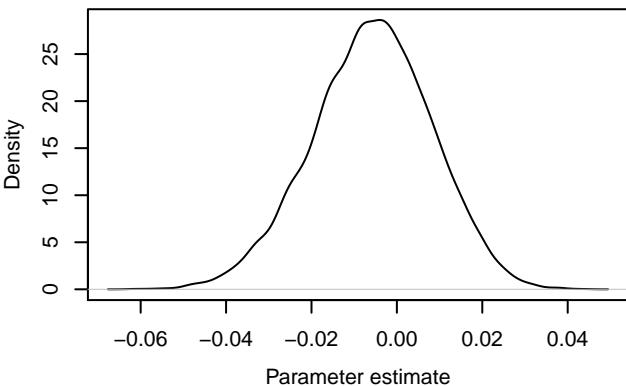
Trace – $B[(\text{Intercept}) \text{ (C1)}, \text{Loricera_pilicornis} \text{ (S5)}]$ Density – $B[(\text{Intercept}) \text{ (C1)}, \text{Loricera_pilicornis} \text{ (S5)}]$ Trace – $B[\text{imperv.100m} \text{ (C2)}, \text{Loricera_pilicornis} \text{ (S5)}]$ Density – $B[\text{imperv.100m} \text{ (C2)}, \text{Loricera_pilicornis} \text{ (S5)}]$ Trace – $B[\text{dist.water.100m} \text{ (C3)}, \text{Loricera_pilicornis} \text{ (S5)}]$ Density – $B[\text{dist.water.100m} \text{ (C3)}, \text{Loricera_pilicornis} \text{ (S5)}]$ 

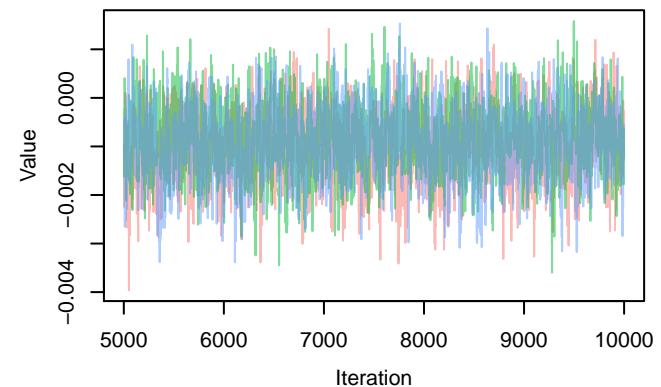
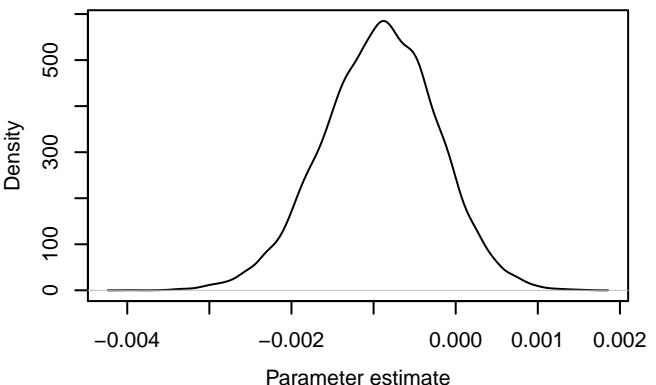
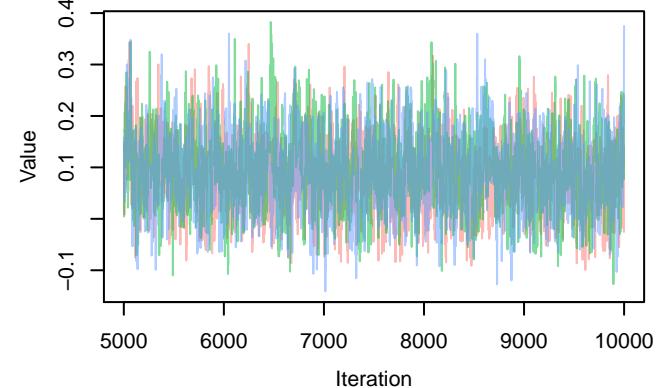
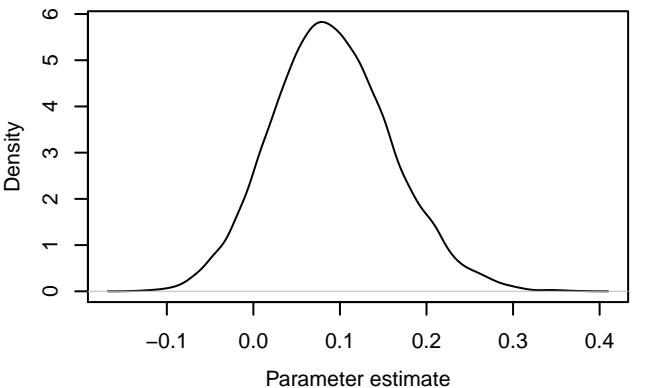
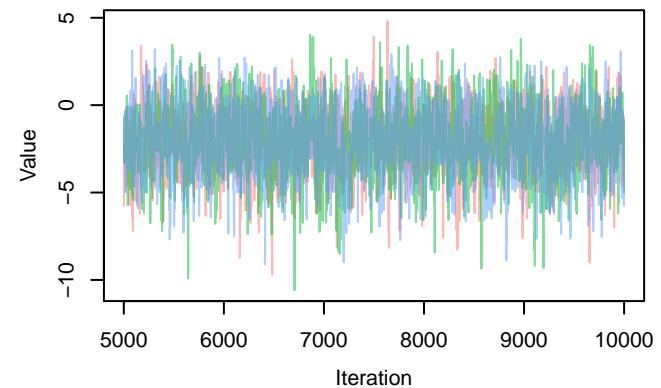
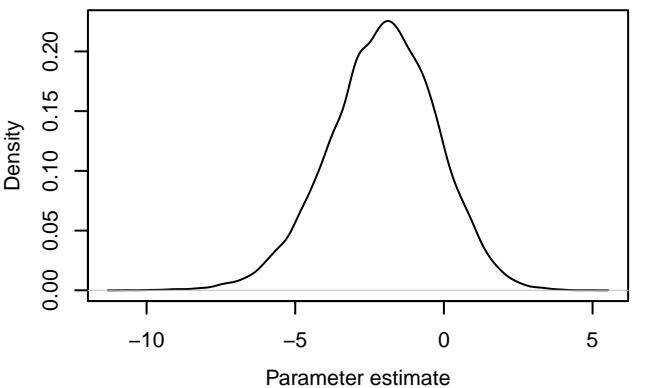
Trace – $B[\text{temp.100m (C4)}$, *Loricera_pilicornis* (S)Density – $B[\text{temp.100m (C4)}$, *Loricera_pilicornis* (S)Trace – $B[(\text{Intercept}) (\text{C1})]$, *Masoreus_wetterhallii* (S)Density – $B[(\text{Intercept}) (\text{C1})]$, *Masoreus_wetterhallii* (S)Trace – $B[\text{imperv.100m (C2)}$, *Masoreus_wetterhallii* (Density – $B[\text{imperv.100m (C2)}$, *Masoreus_wetterhallii*)

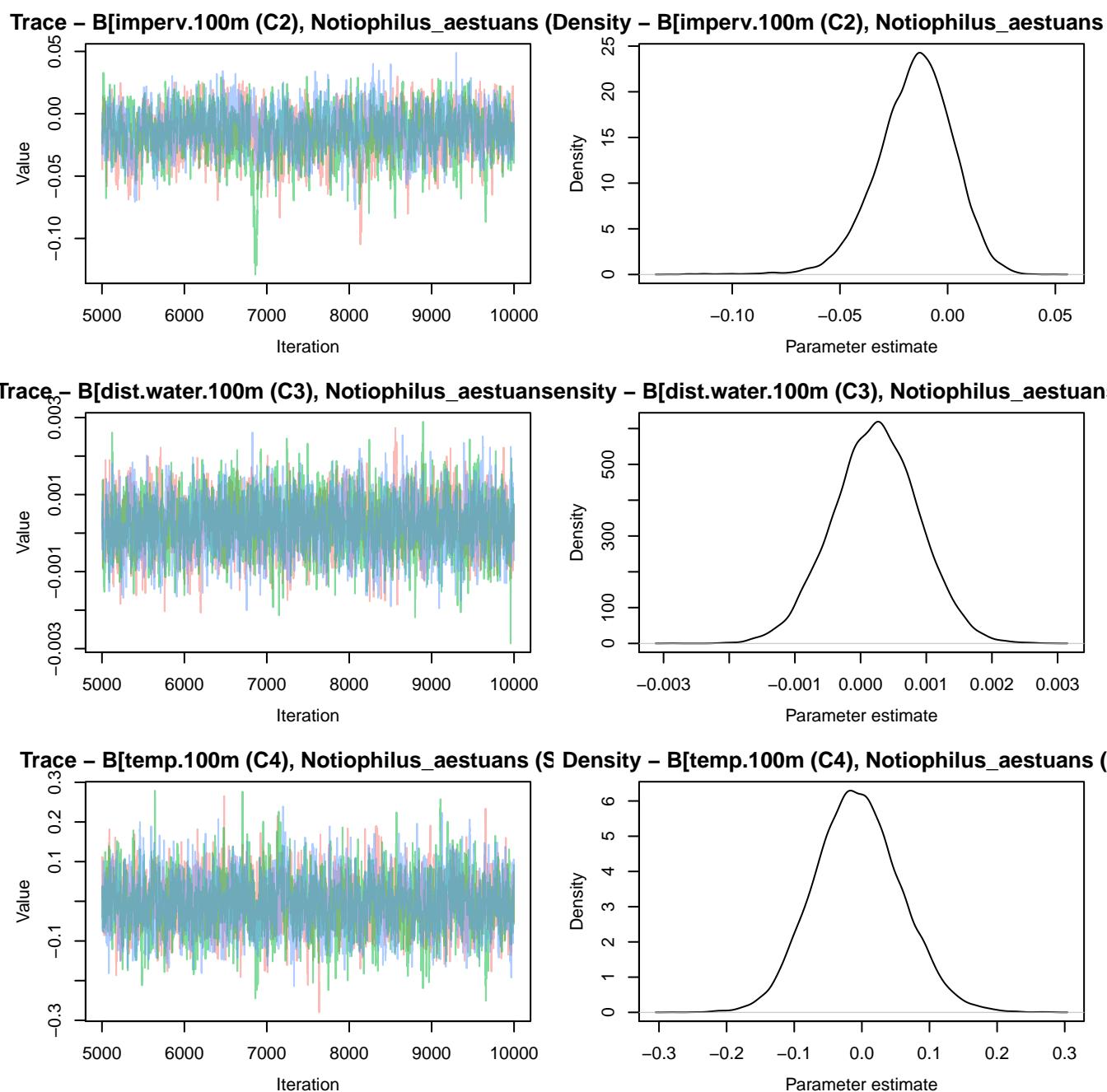


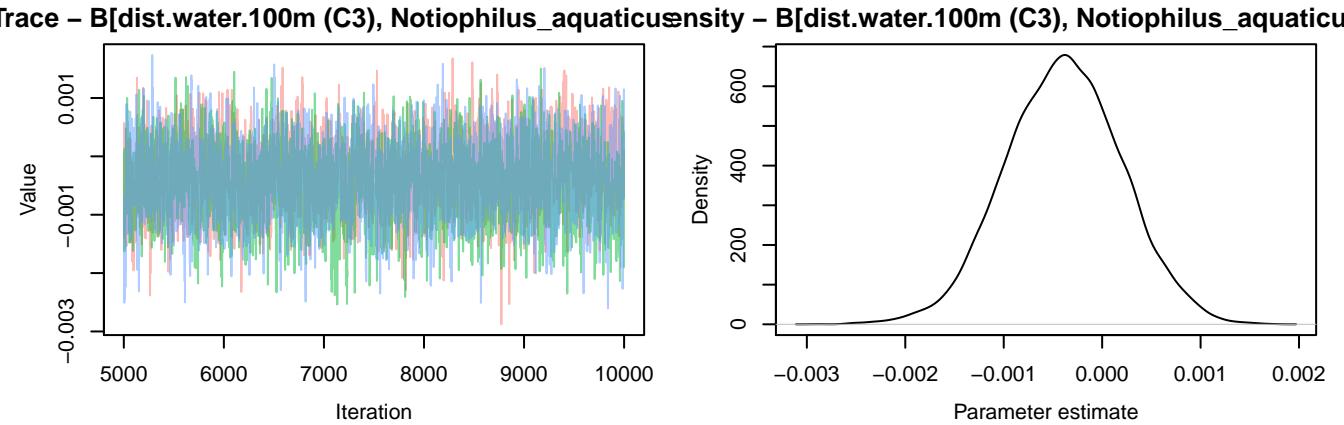
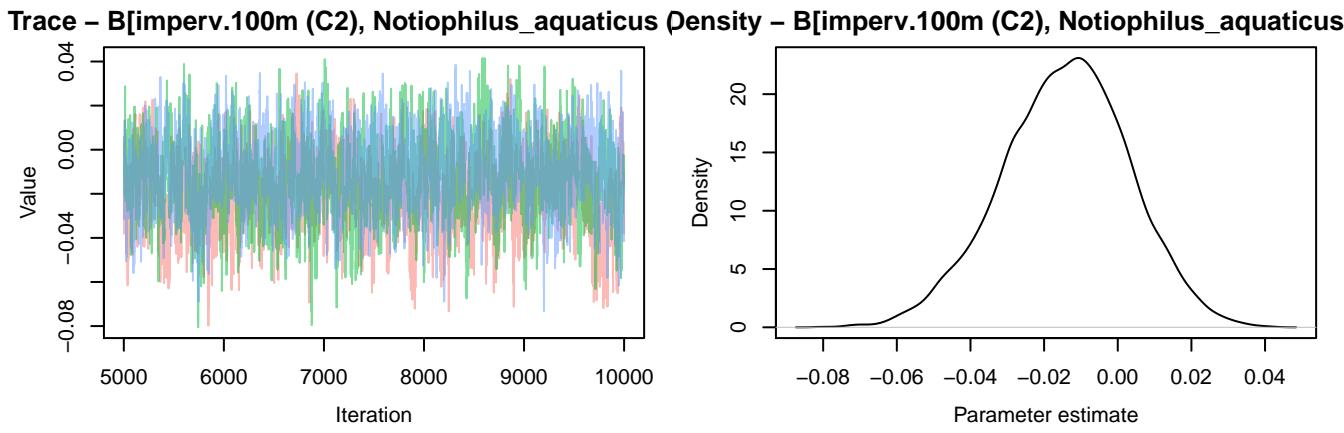
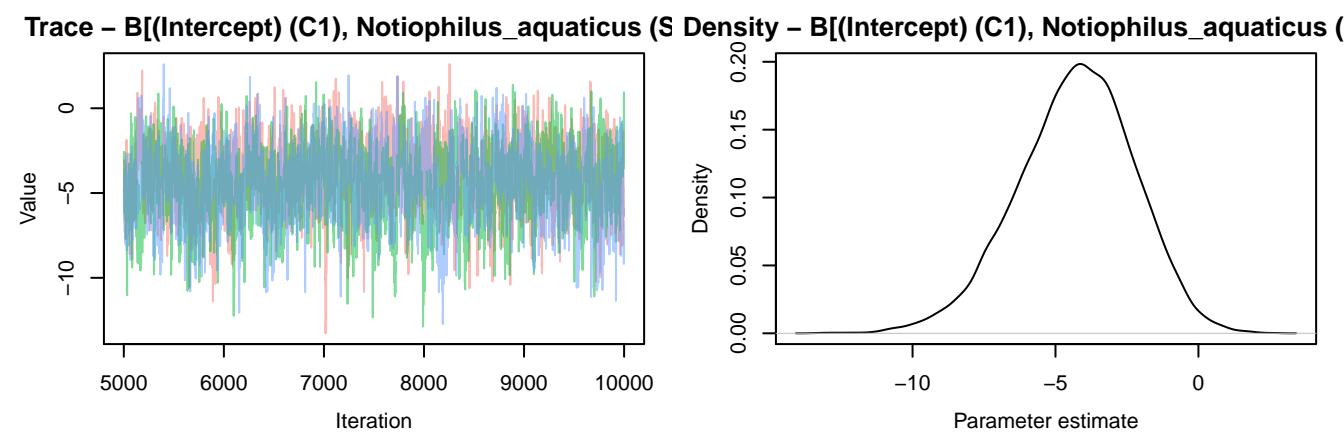


Trace – $B[(\text{Intercept}) (\text{C1})]$, *Nebria_brevicollis* (S58)Density – $B[(\text{Intercept}) (\text{C1})]$, *Nebria_brevicollis* (S58)Trace – $B[\text{imperv.}100\text{m} (\text{C2})]$, *Nebria_brevicollis* (S58)Density – $B[\text{imperv.}100\text{m} (\text{C2})]$, *Nebria_brevicollis* (S58)Trace – $B[\text{dist.water.}100\text{m} (\text{C3})]$, *Nebria_brevicollis* (S58)Density – $B[\text{dist.water.}100\text{m} (\text{C3})]$, *Nebria_brevicollis* (S58)

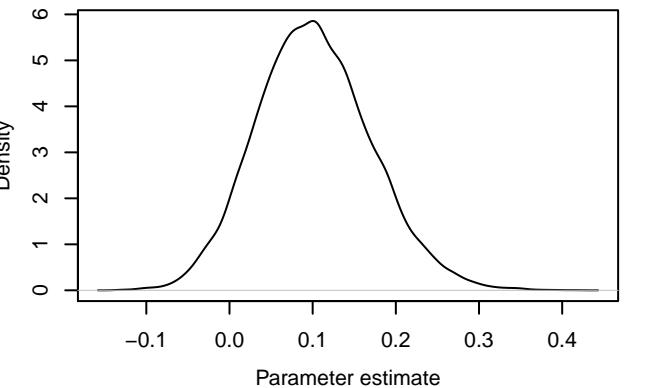
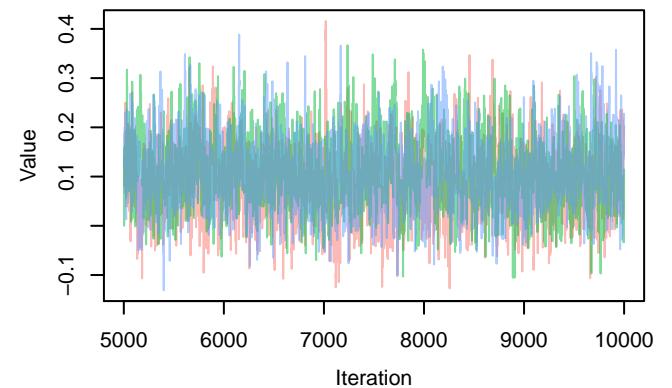
Trace – $B[\text{temp.100m (C4)}, \text{Nebria_brevicollis (S5)}$ Density – $B[\text{temp.100m (C4)}, \text{Nebria_brevicollis (S5)}$ Trace – $B[(\text{Intercept}) (\text{C1}), \text{Nebria_salina (S59)}]$ Density – $B[(\text{Intercept}) (\text{C1}), \text{Nebria_salina (S59)}]$ Trace – $B[\text{imperv.100m (C2)}, \text{Nebria_salina (S59)}]$ Density – $B[\text{imperv.100m (C2)}, \text{Nebria_salina (S59)}]$ 

Trace – $B[\text{dist.water.100m (C3)}, \text{Nebria_salina (S5)}]$ Density – $B[\text{dist.water.100m (C3)}, \text{Nebria_salina (S5)}]$ Trace – $B[\text{temp.100m (C4)}, \text{Nebria_salina (S59)}]$ Density – $B[\text{temp.100m (C4)}, \text{Nebria_salina (S59)}]$ Trace – $B[(\text{Intercept}) (\text{C1})], \text{Notiophilus_aestuans (S5)}$ Density – $B[(\text{Intercept}) (\text{C1})], \text{Notiophilus_aestuans (S5)}$ 

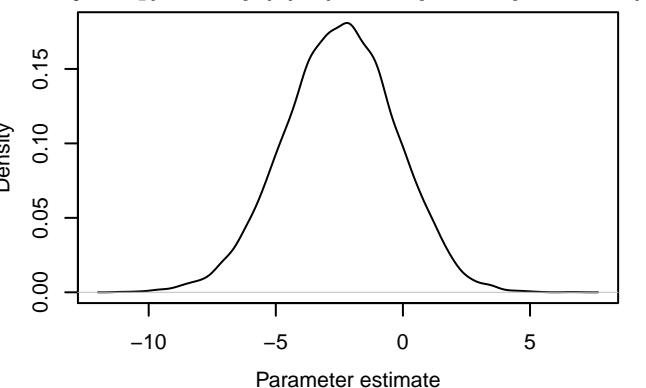
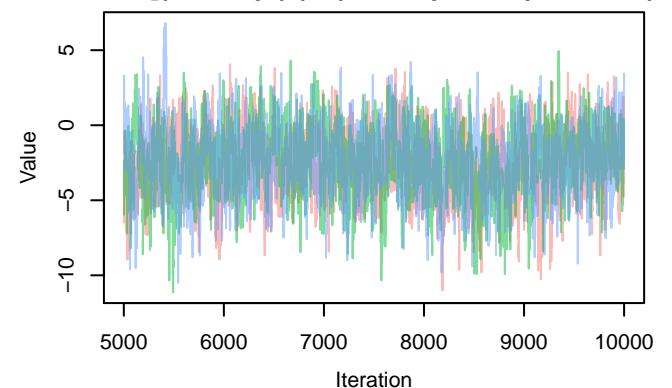




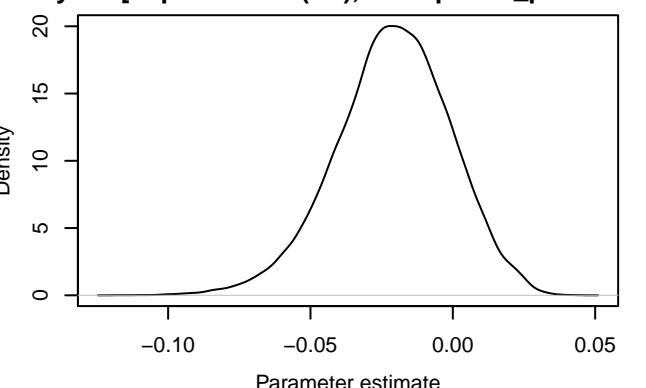
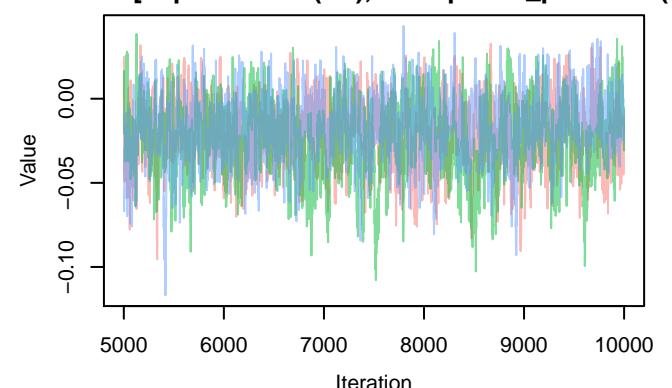
Trace – $B[\text{temp.}100\text{m}]$ (C4), *Notiophilus_aquaticus* (S)

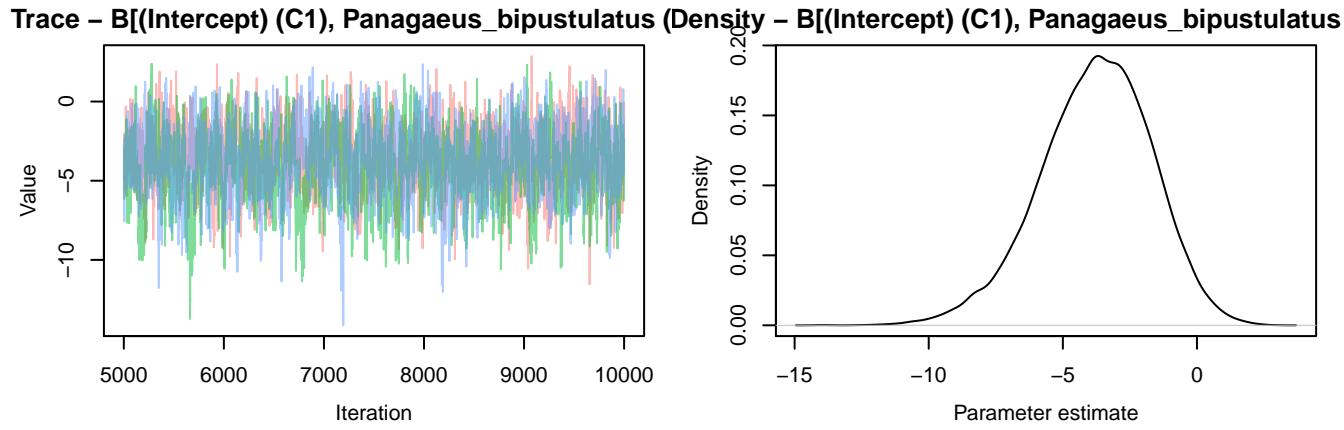
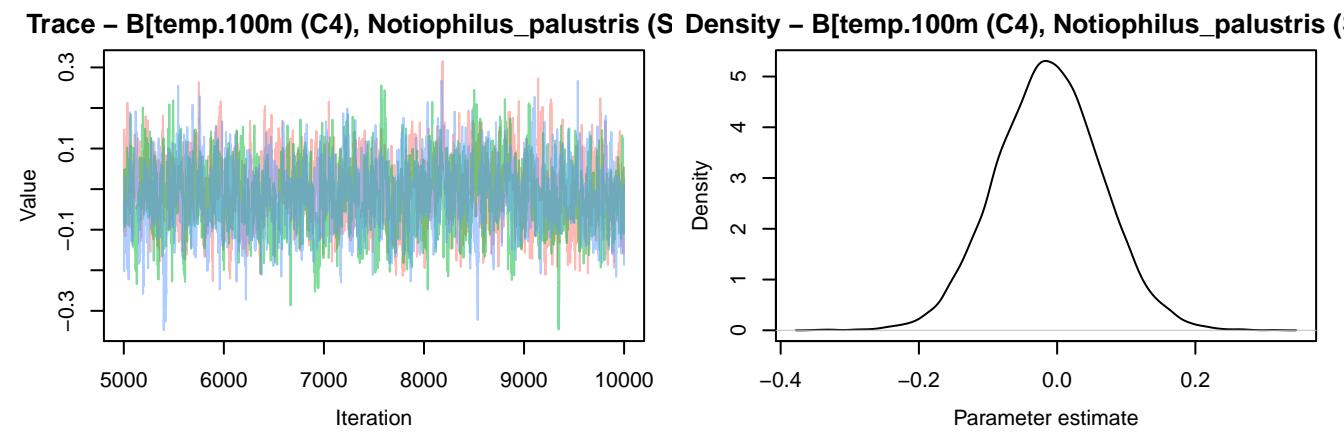
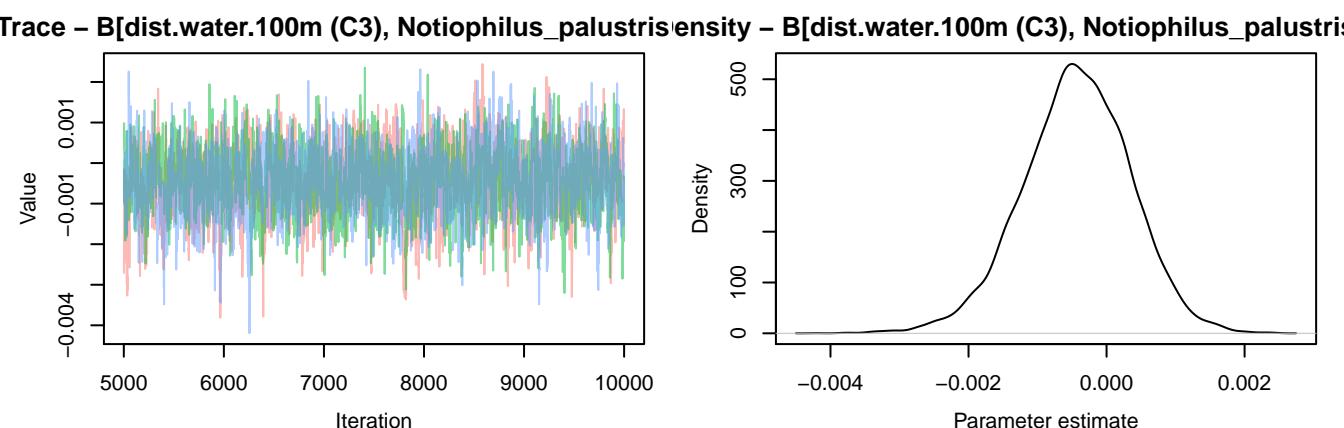


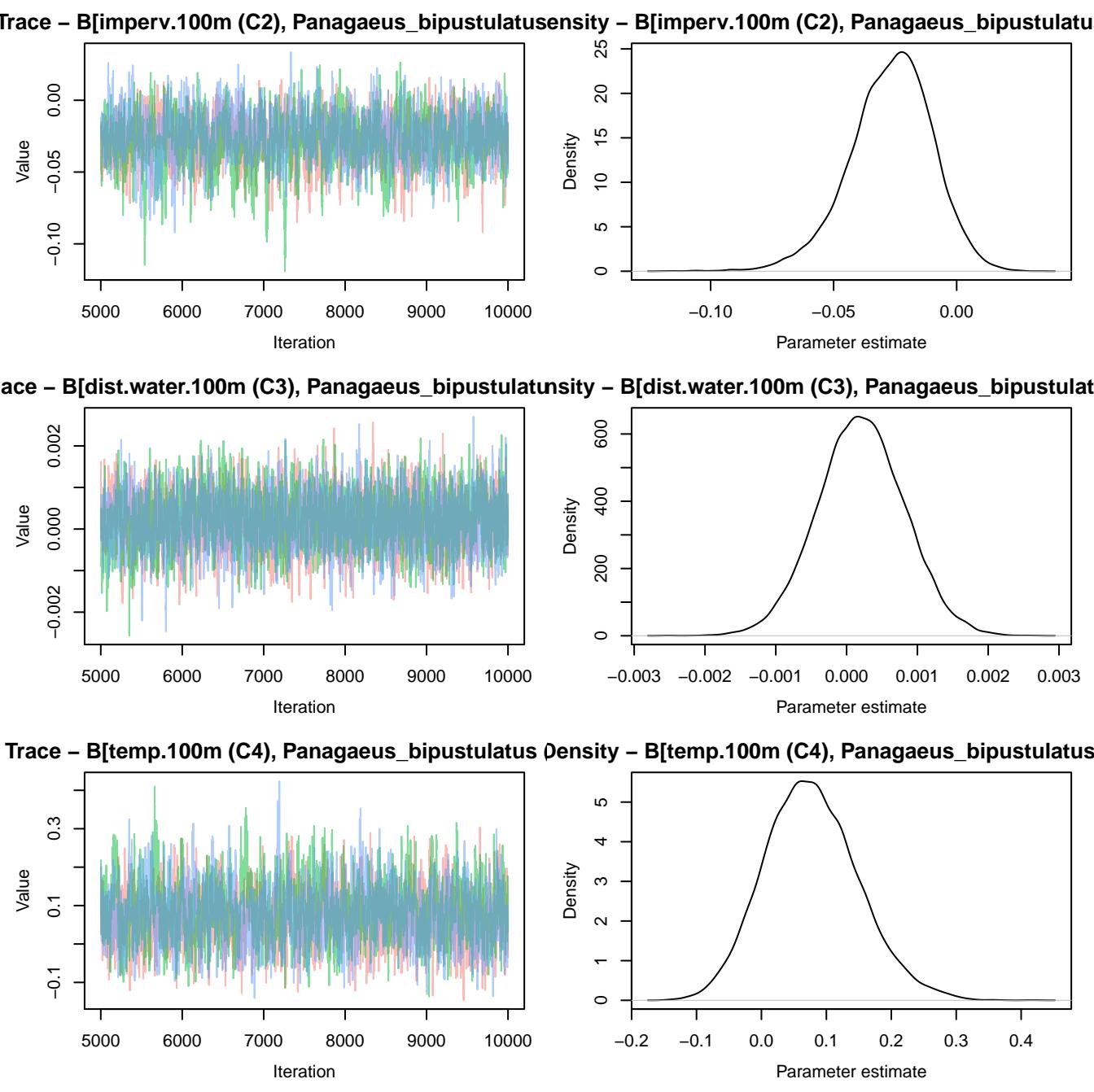
Trace – $B[(\text{Intercept})]$ (C1), *Notiophilus_palustris* (S)

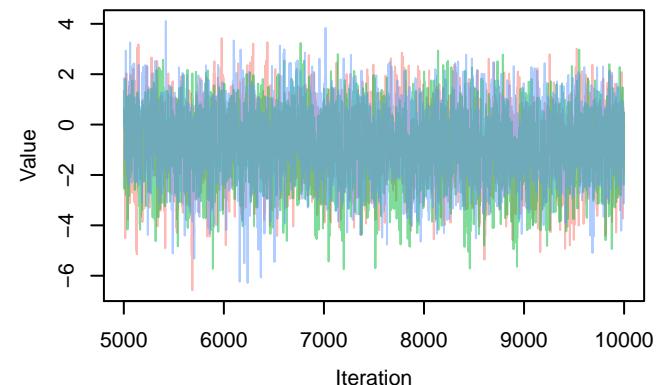
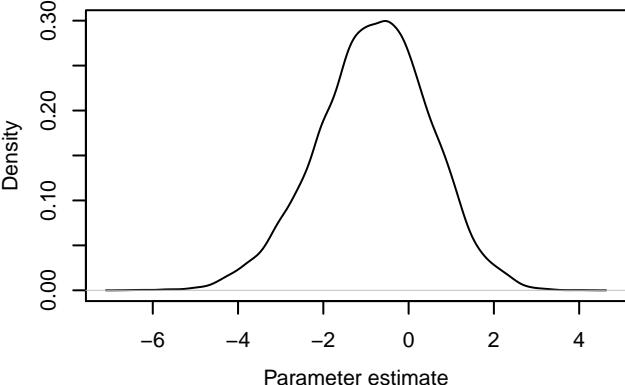
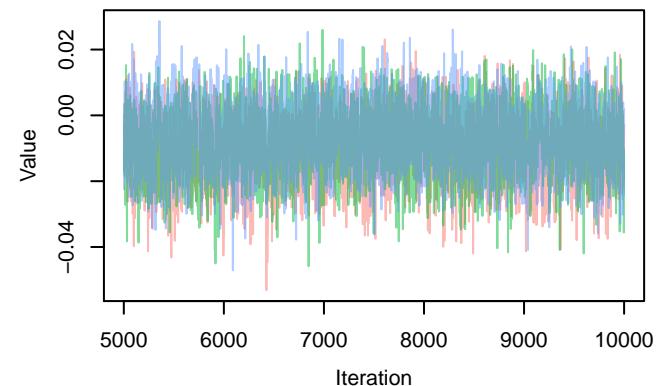
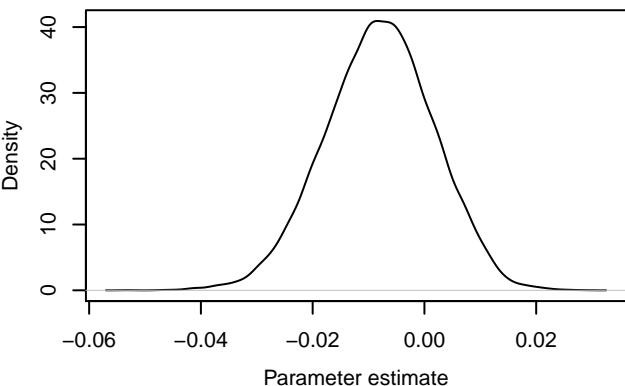
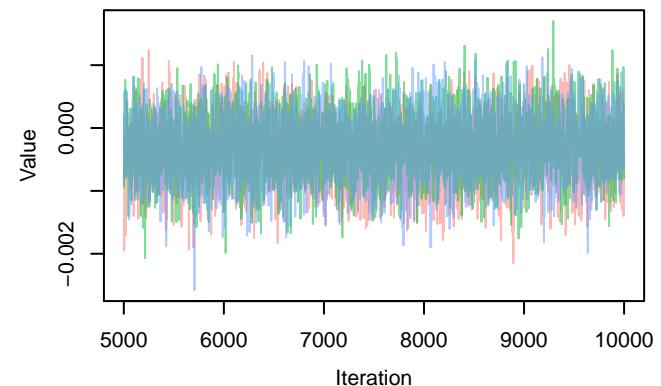
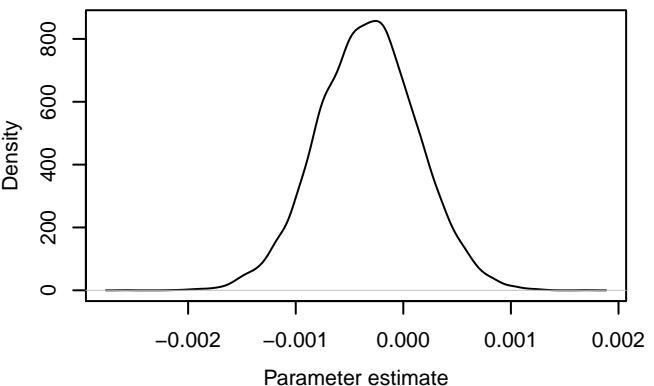


Trace – $B[\text{imperv.}100\text{m}]$ (C2), *Notiophilus_palustris* (S)

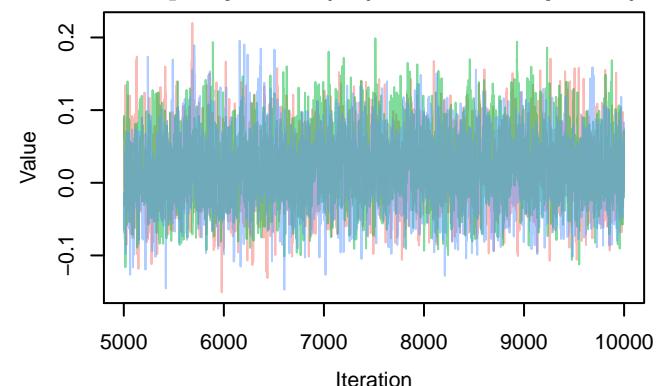




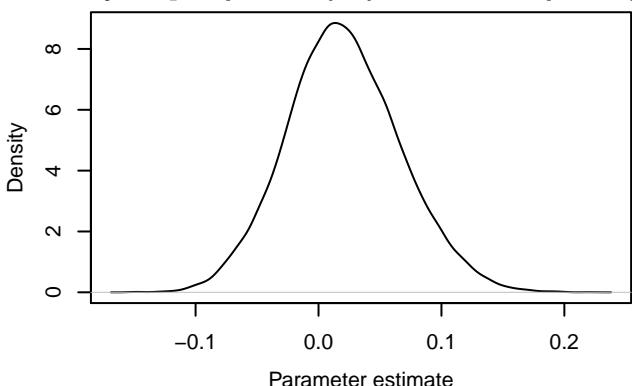


Trace – $B[(\text{Intercept}) \text{ (C1)}, \text{Poecilus_cupreus} \text{ (S64)}$ Density – $B[(\text{Intercept}) \text{ (C1)}, \text{Poecilus_cupreus} \text{ (S64)}$ Trace – $B[\text{imperv.100m} \text{ (C2)}, \text{Poecilus_cupreus} \text{ (S64)}$ Density – $B[\text{imperv.100m} \text{ (C2)}, \text{Poecilus_cupreus} \text{ (S64)}$ Trace – $B[\text{dist.water.100m} \text{ (C3)}, \text{Poecilus_cupreus} \text{ (S64)}$ Density – $B[\text{dist.water.100m} \text{ (C3)}, \text{Poecilus_cupreus} \text{ (S64)}$ 

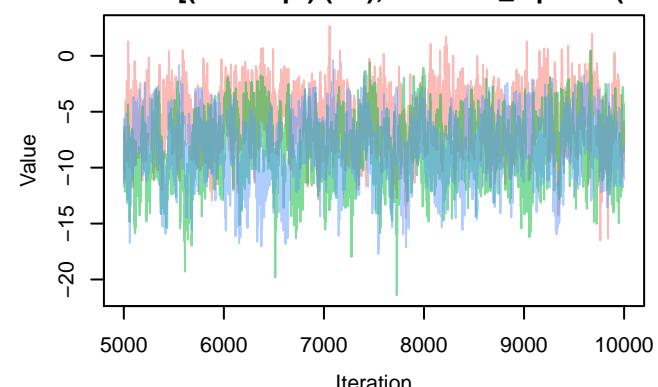
Trace – $B[\text{temp.}100\text{m}$ (C4), *Poecilus_cupreus* (S6)



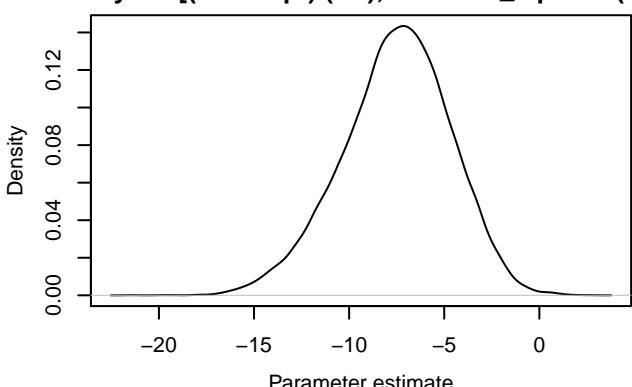
Density – $B[\text{temp.}100\text{m}$ (C4), *Poecilus_cupreus* (S6)



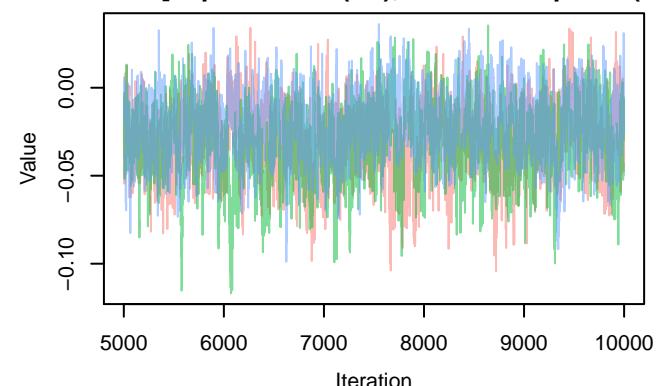
Trace – $B[(\text{Intercept})$ (C1), *Poecilus_lepidus* (S65)



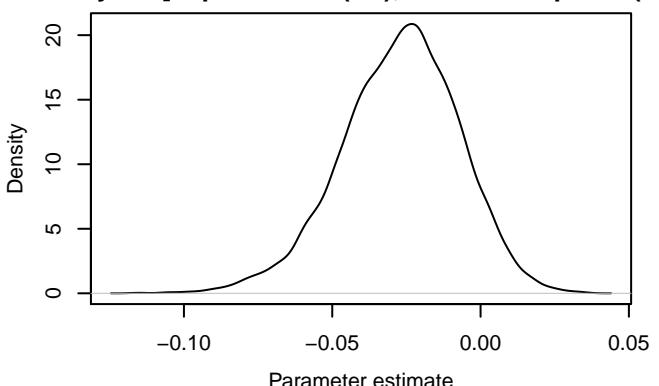
Density – $B[(\text{Intercept})$ (C1), *Poecilus_lepidus* (S65)



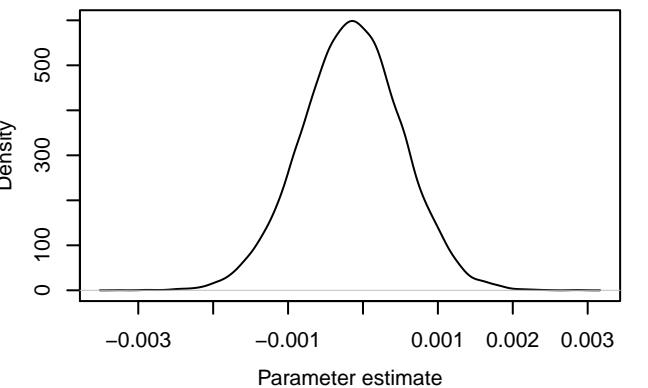
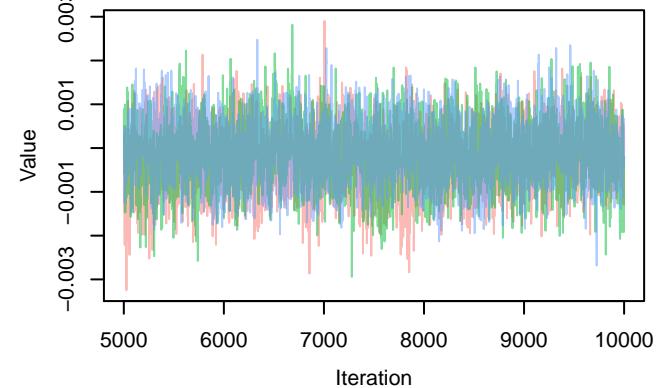
Trace – $B[\text{imperv.}100\text{m}$ (C2), *Poecilus_lepidus* (S6)



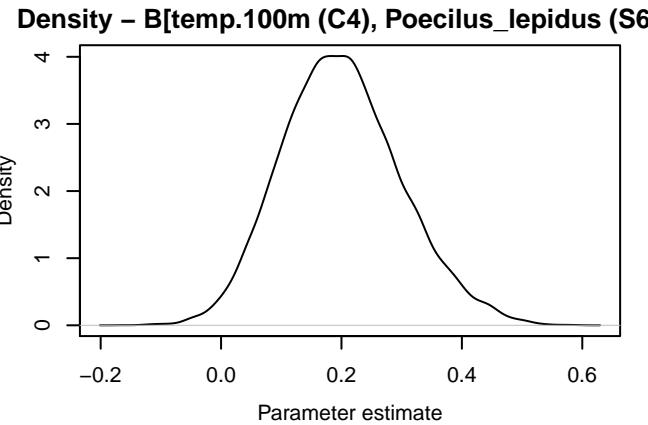
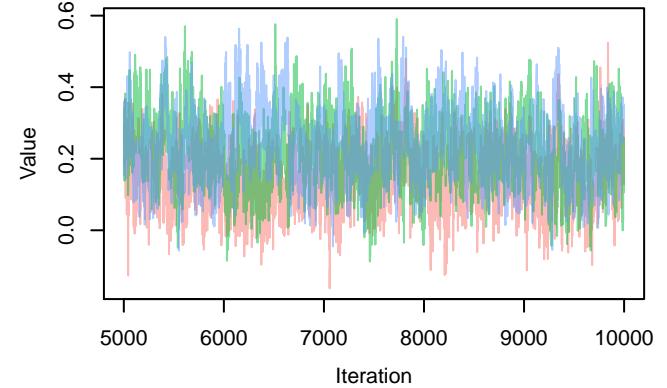
Density – $B[\text{imperv.}100\text{m}$ (C2), *Poecilus_lepidus* (S6)



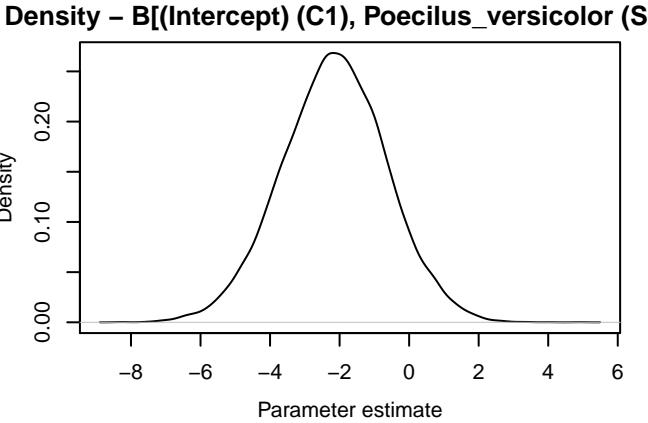
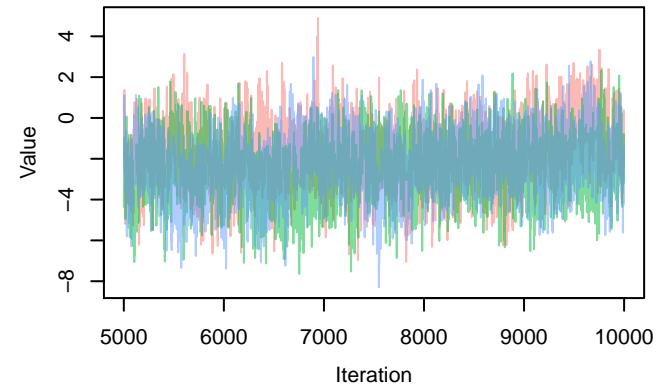
Trace – $B[\text{dist.water.100m (C3)}, \text{Poecilus_lepidus (S)}$

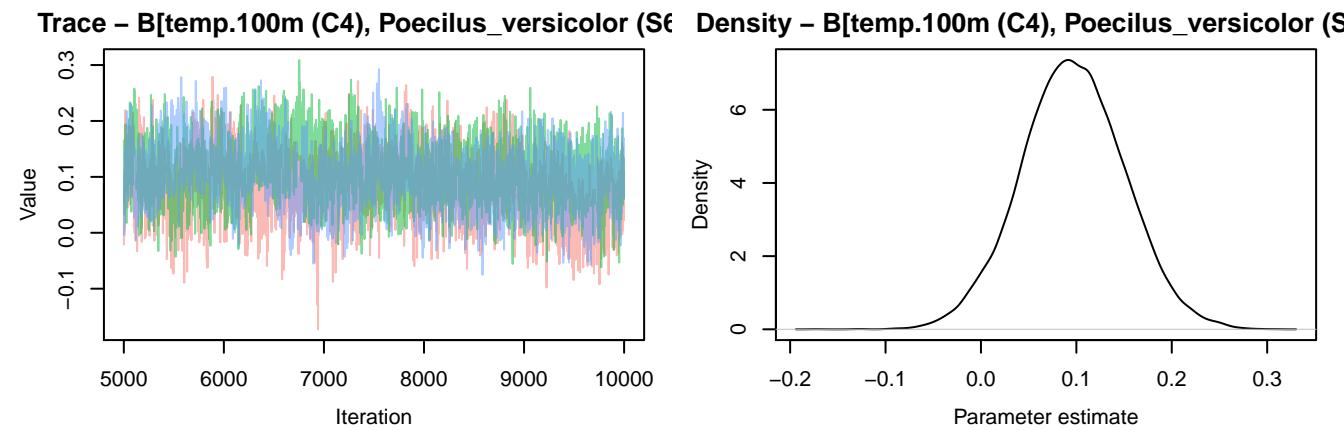
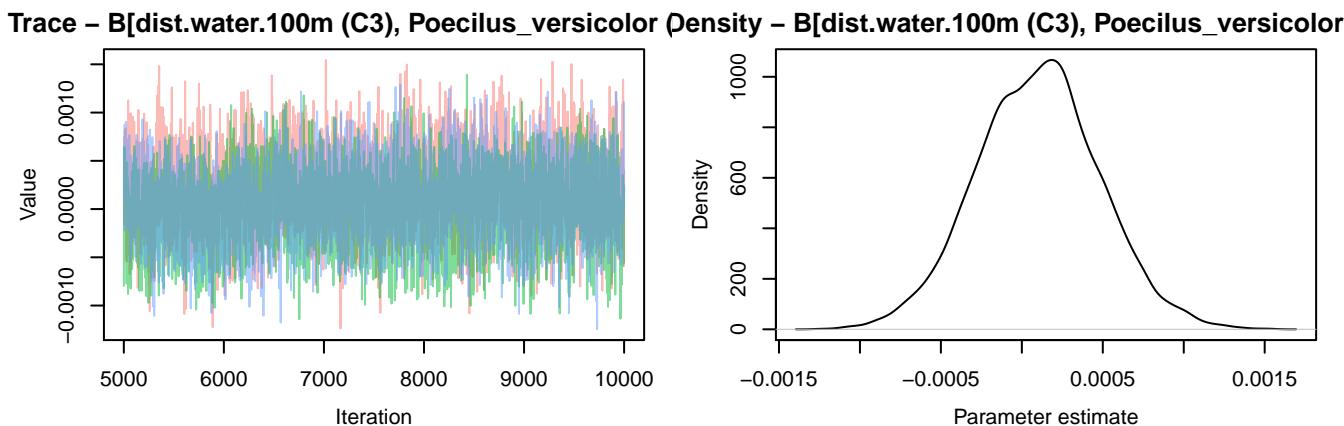
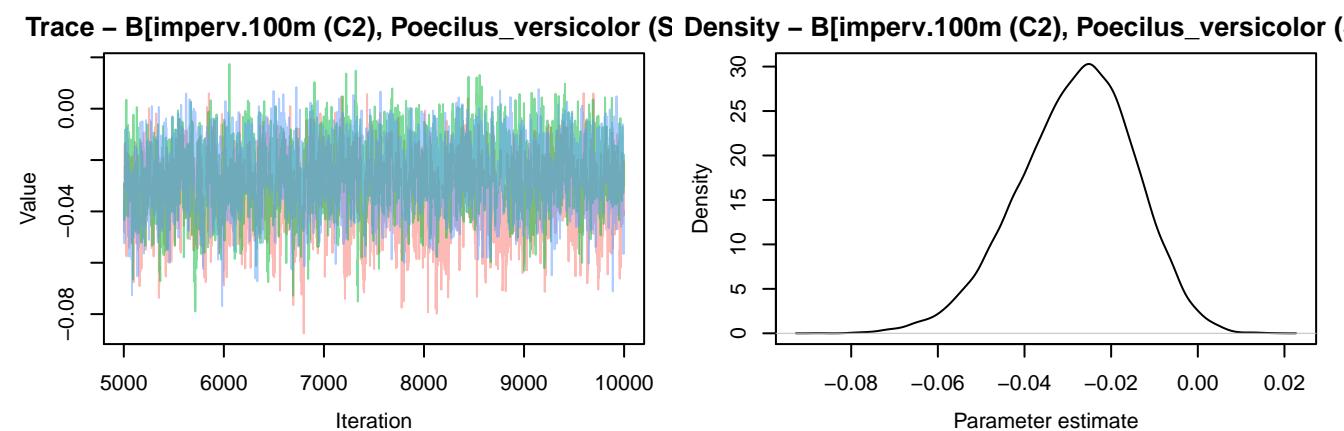


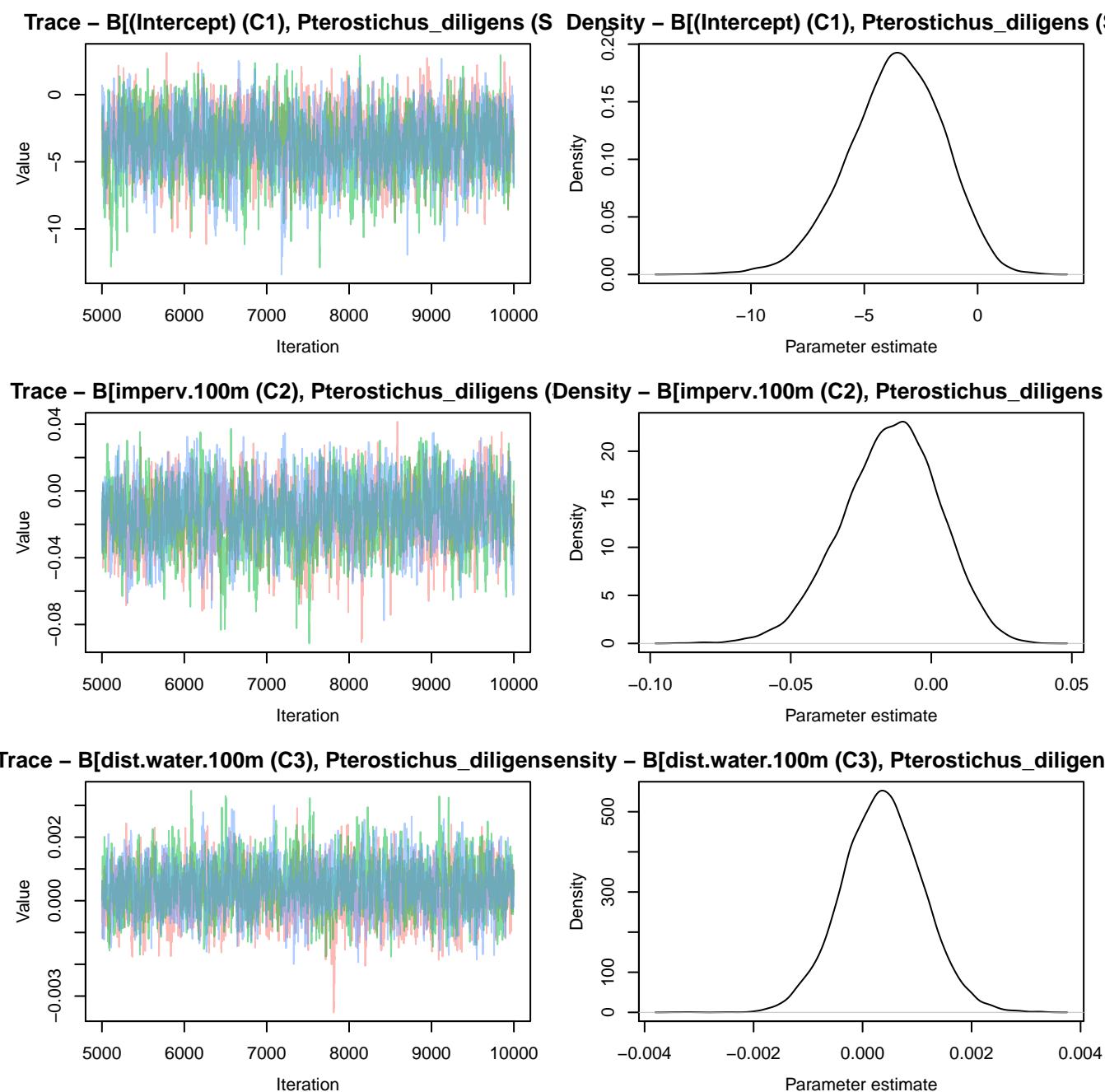
Trace – $B[\text{temp.100m (C4)}, \text{Poecilus_lepidus (S65)}$

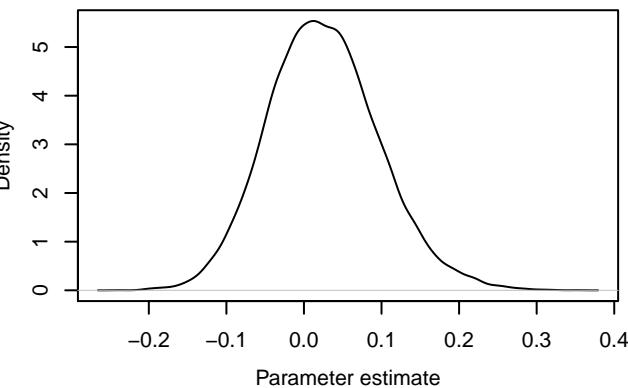
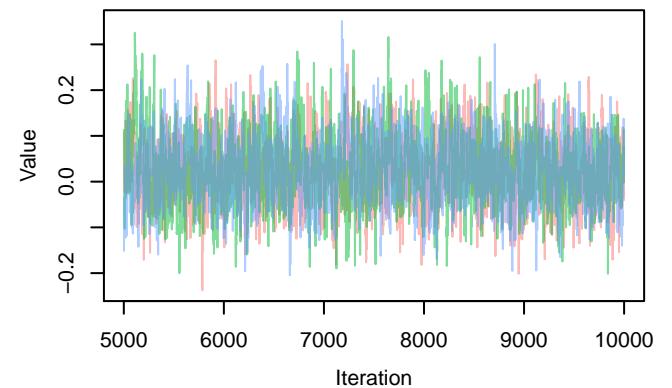
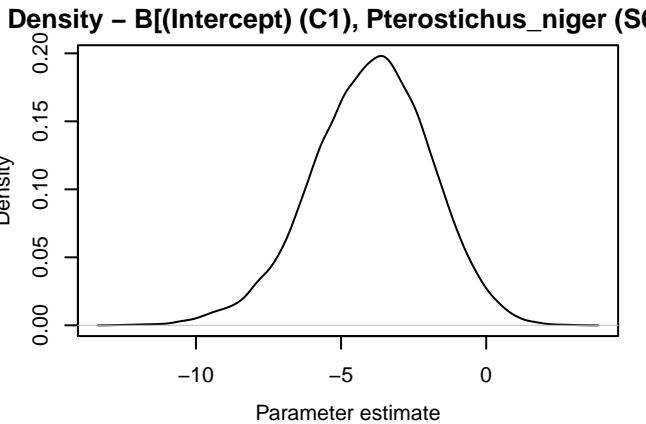
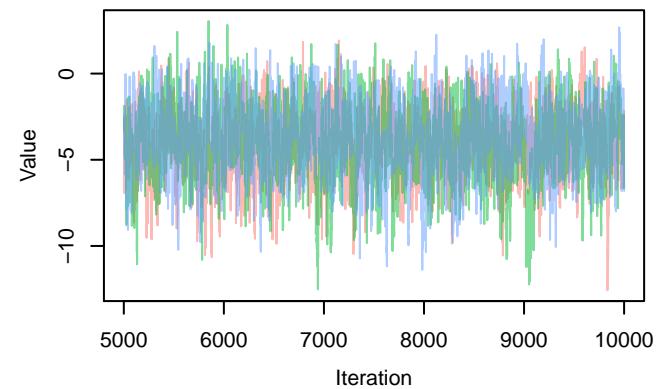
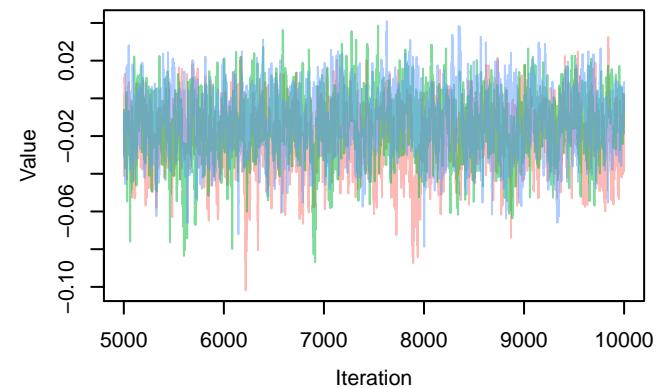
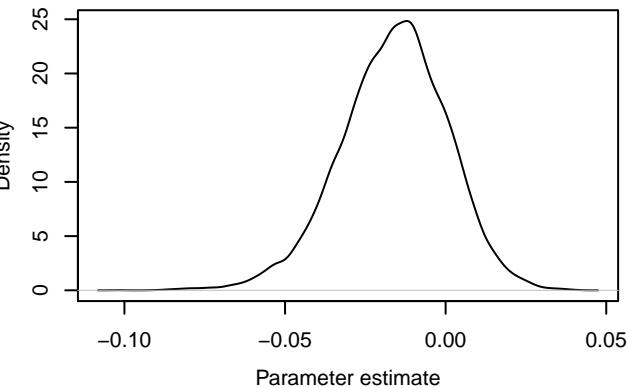


Trace – $B[(\text{Intercept}) (\text{C1})], \text{Poecilus_versicolor (S6)}$

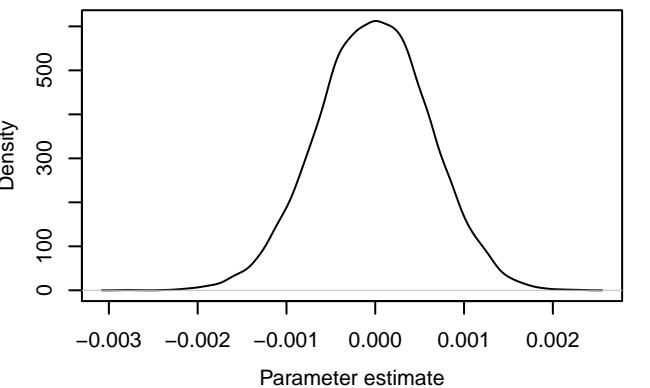
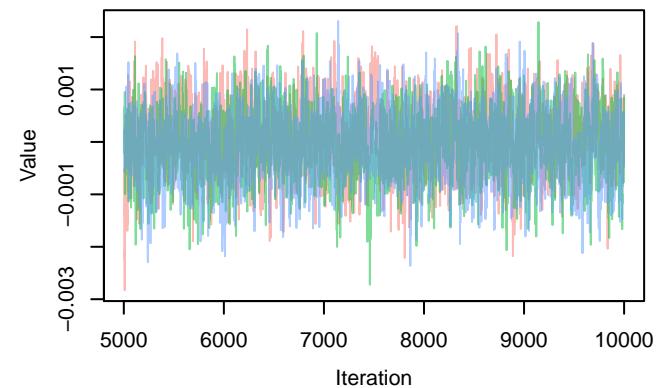




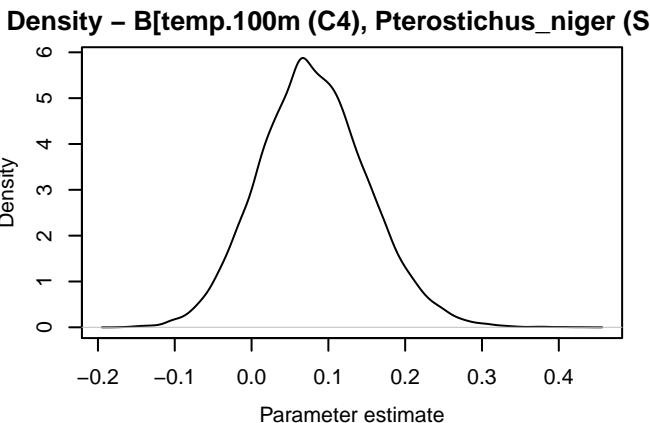
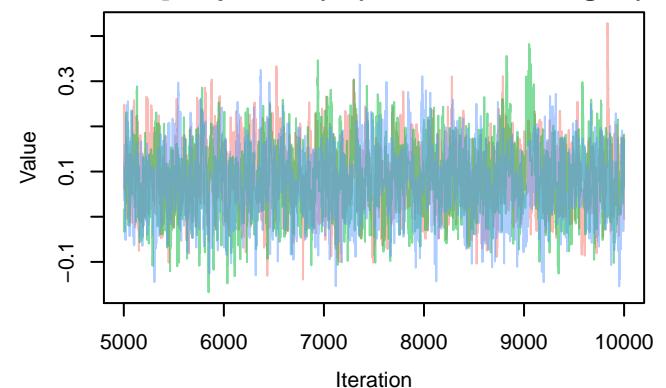


Trace – $B[\text{temp.}100\text{m (C4), Pterostichus_diligens (S) Density}]$ Trace – $B[(\text{Intercept}) (\text{C1), Pterostichus_niger (S6) Density}]$ Trace – $B[\text{imperv.}100\text{m (C2), Pterostichus_niger (S) Density}]$ Density – $B[\text{imperv.}100\text{m (C2), Pterostichus_niger (S) Density}]$ 

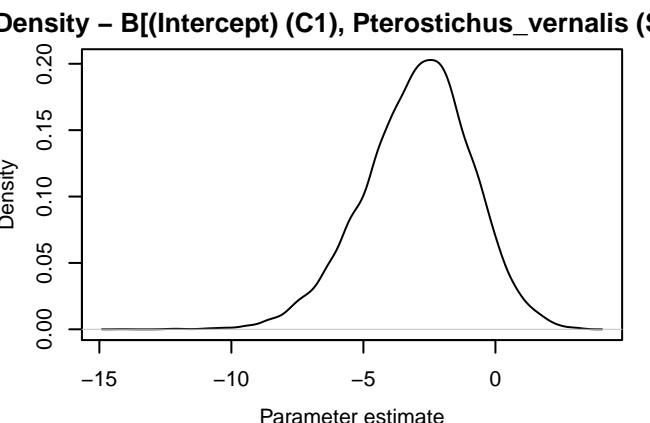
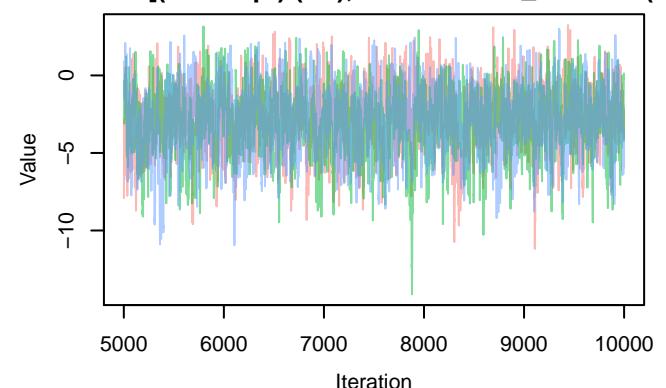
Trace – $B[\text{dist.water.100m (C3)}, \text{Pterostichus_niger}]$

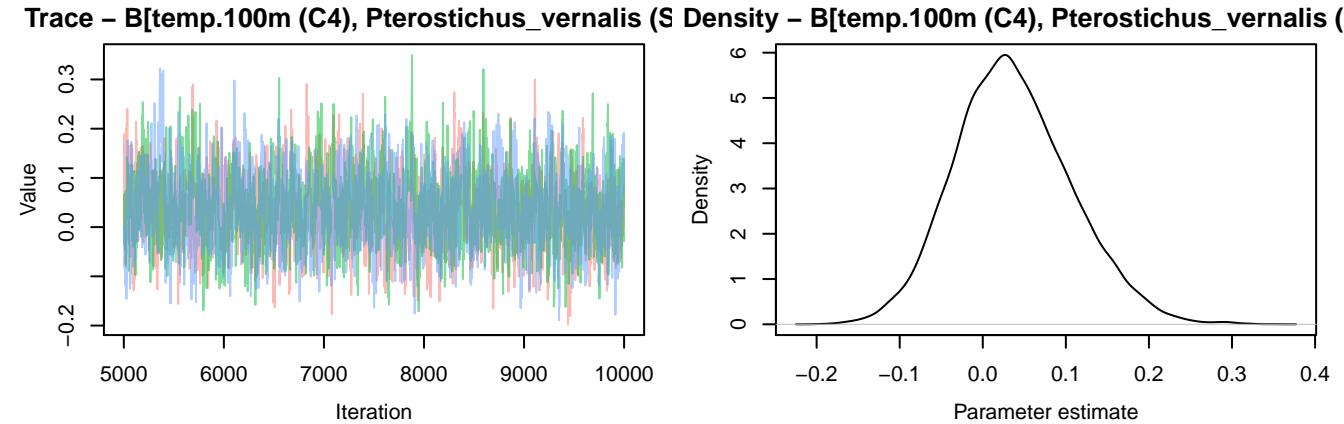
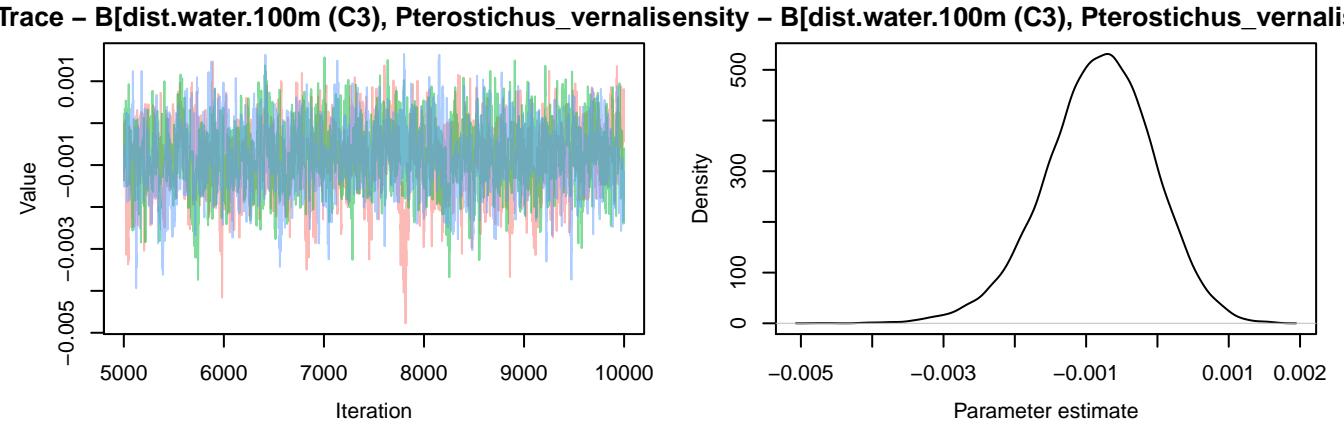
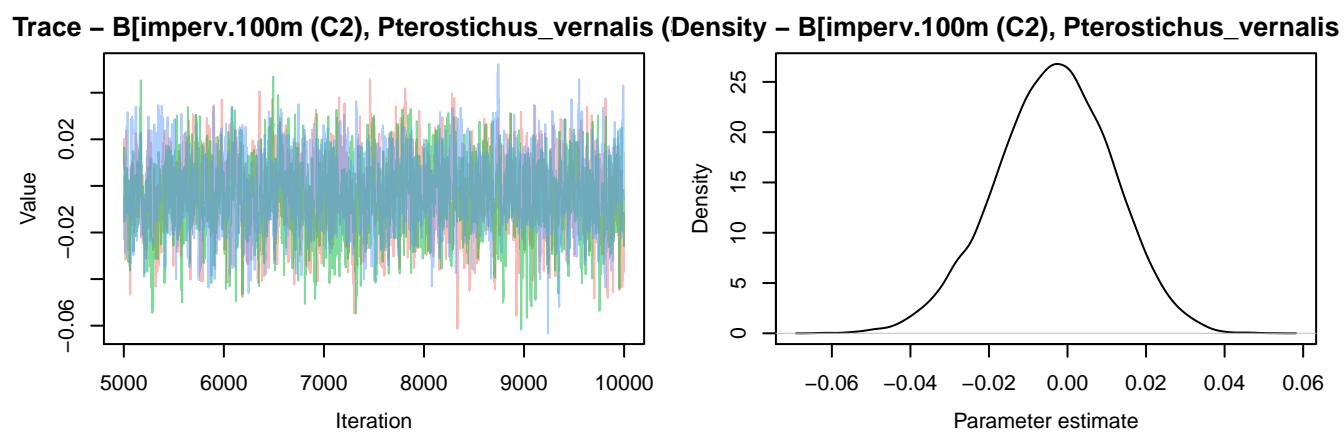


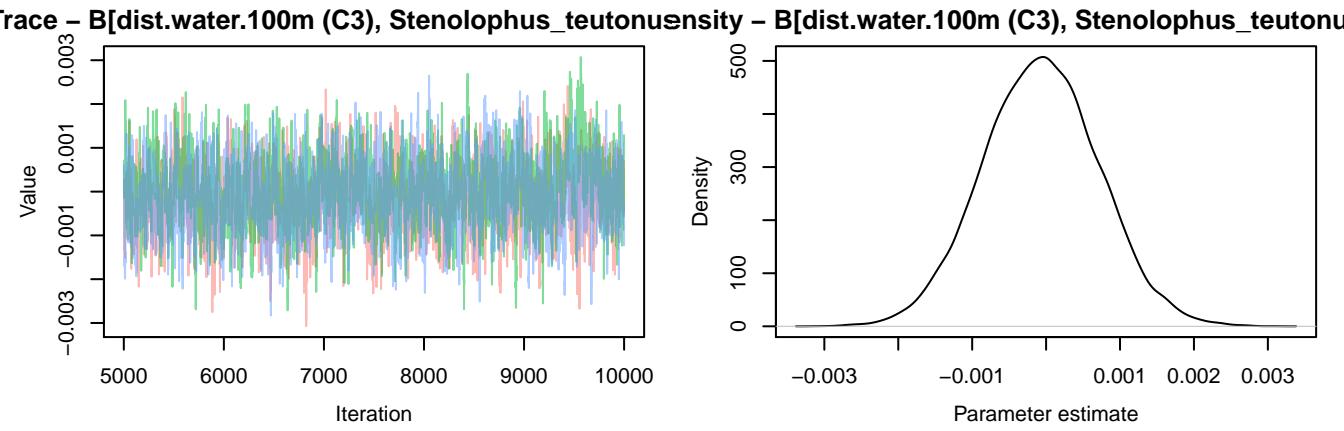
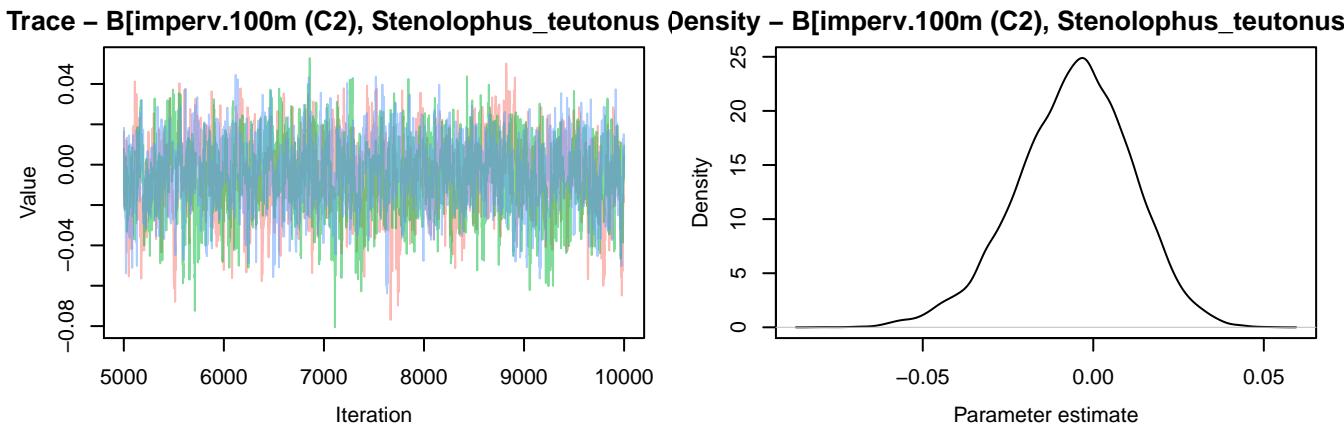
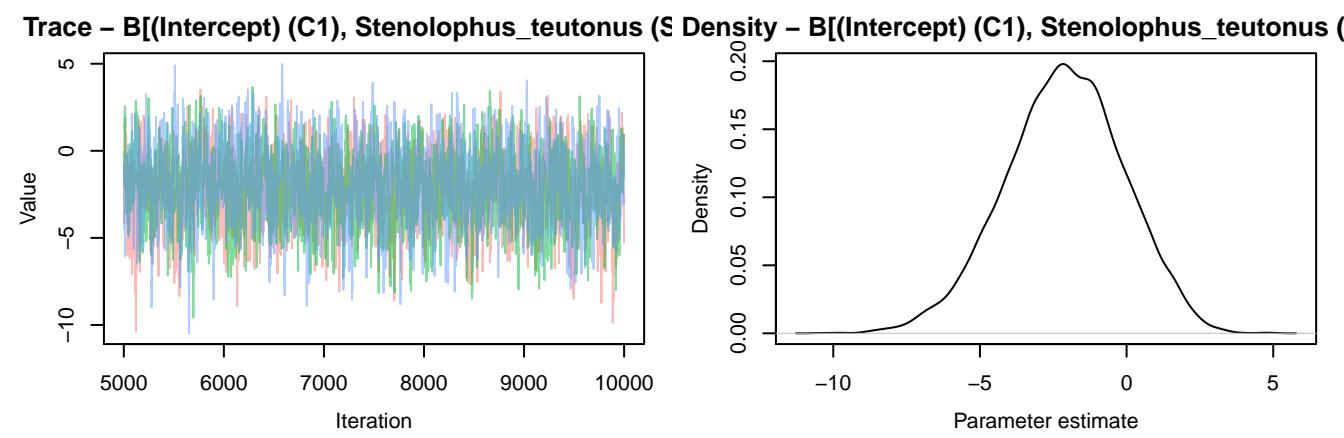
Trace – $B[\text{temp.100m (C4)}, \text{Pterostichus_niger (S6)}]$

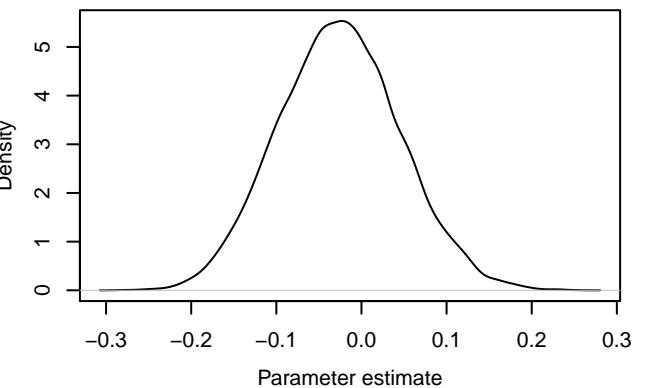
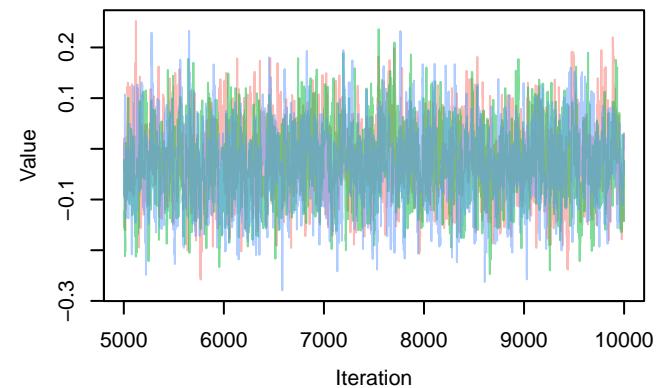
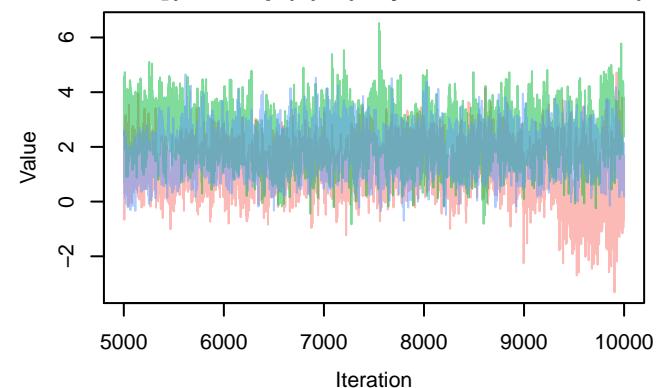
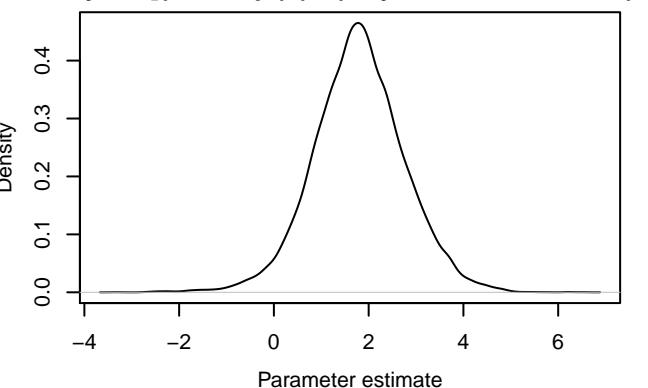
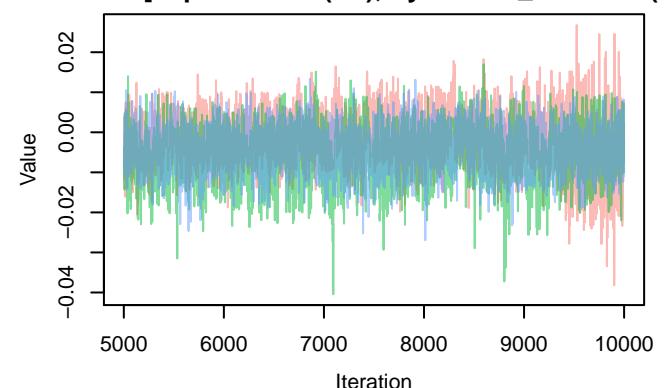
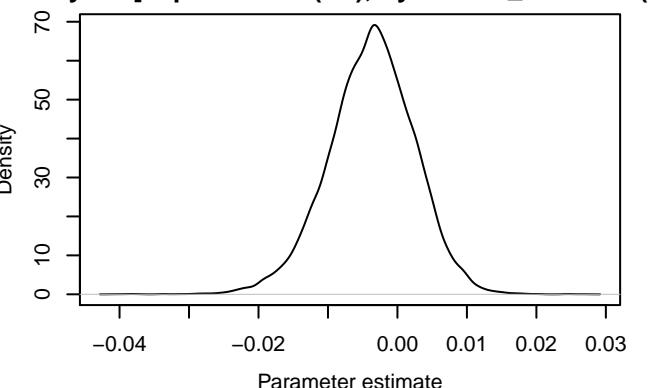


Trace – $B[(\text{Intercept}) (\text{C1})], \text{Pterostichus_vernalis (S)}$

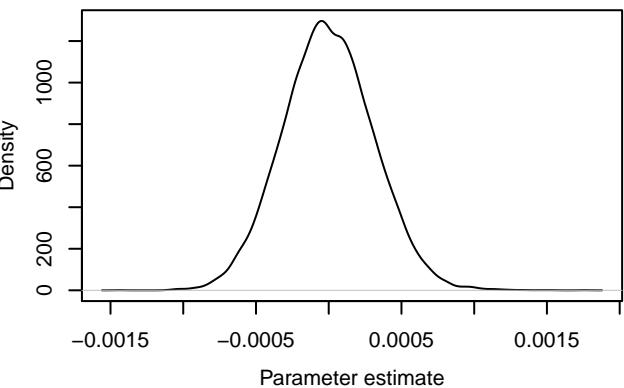
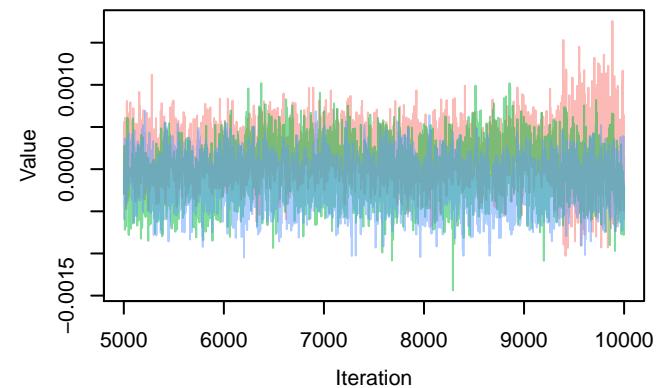




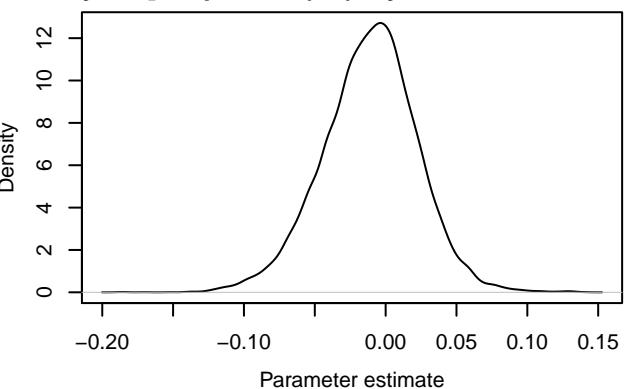
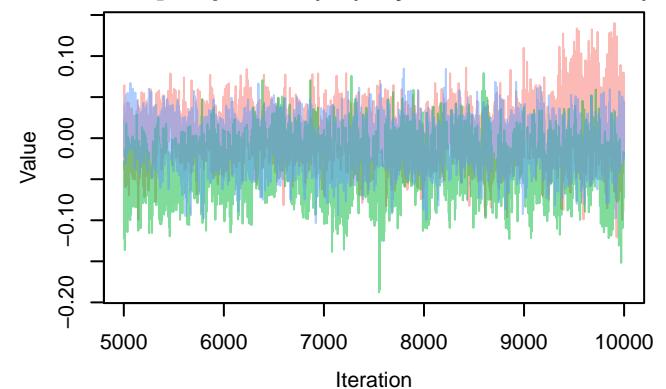


Trace – $B[\text{temp.}100\text{m (C4)}, \text{Stenolophus_teutonus}]$ (Density – $B[\text{temp.}100\text{m (C4)}, \text{Stenolophus_teutonus}]$)Trace – $B[(\text{Intercept}) (\text{C1}), \text{Syntomus_foveatus}]$ (S7)Density – $B[(\text{Intercept}) (\text{C1}), \text{Syntomus_foveatus}]$ (S7)Trace – $B[\text{imperv.}100\text{m (C2)}, \text{Syntomus_foveatus}]$ (S)Density – $B[\text{imperv.}100\text{m (C2)}, \text{Syntomus_foveatus}]$ (S)

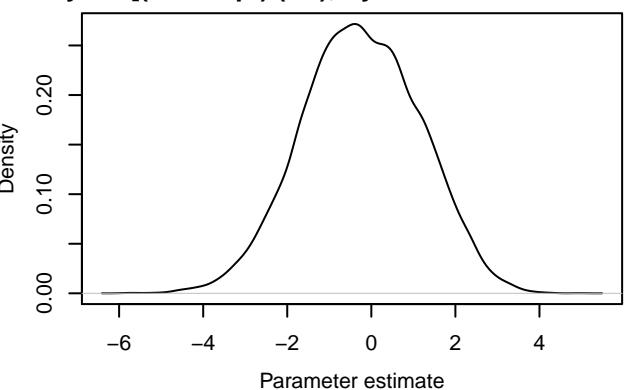
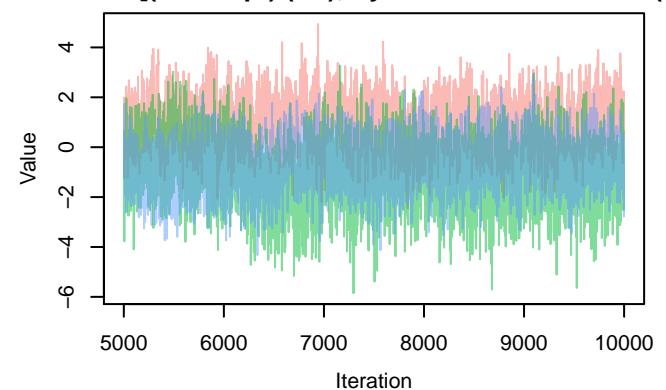
Trace – $B[dist.\text{water}.100\text{m} \text{ (C3)}, \text{Syntomus_foveatus}]$ Density – $B[dist.\text{water}.100\text{m} \text{ (C3)}, \text{Syntomus_foveatus}]$

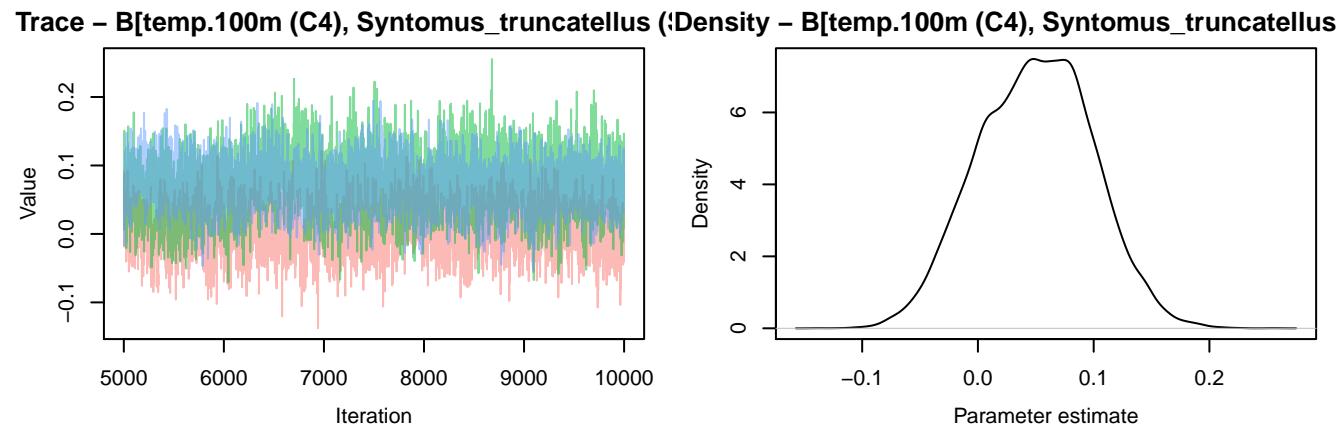
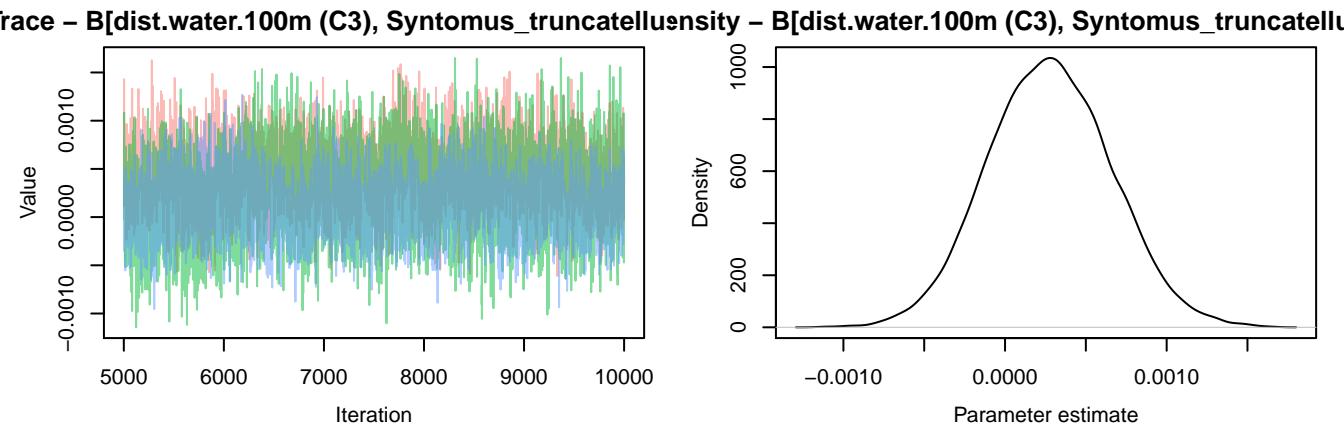
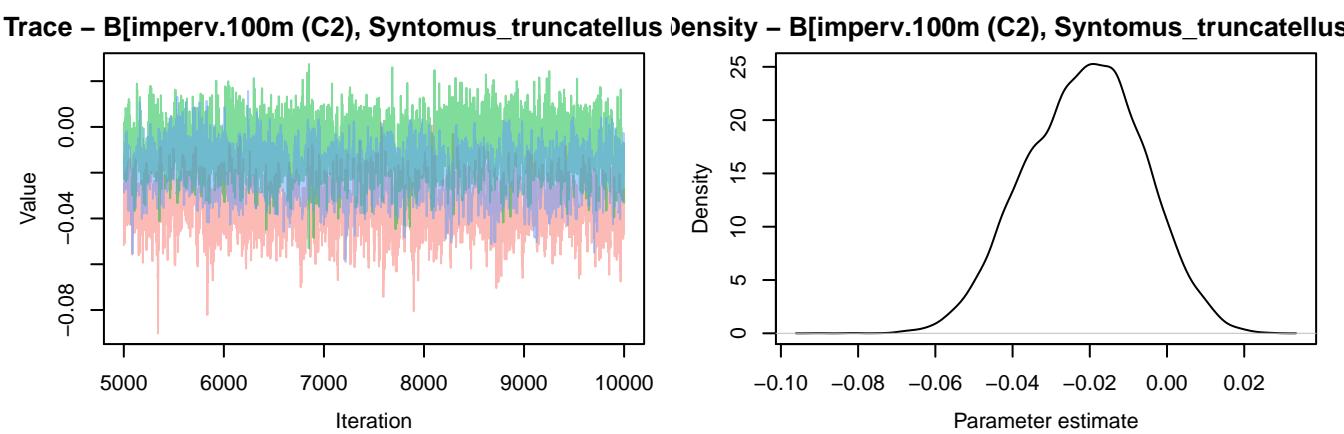


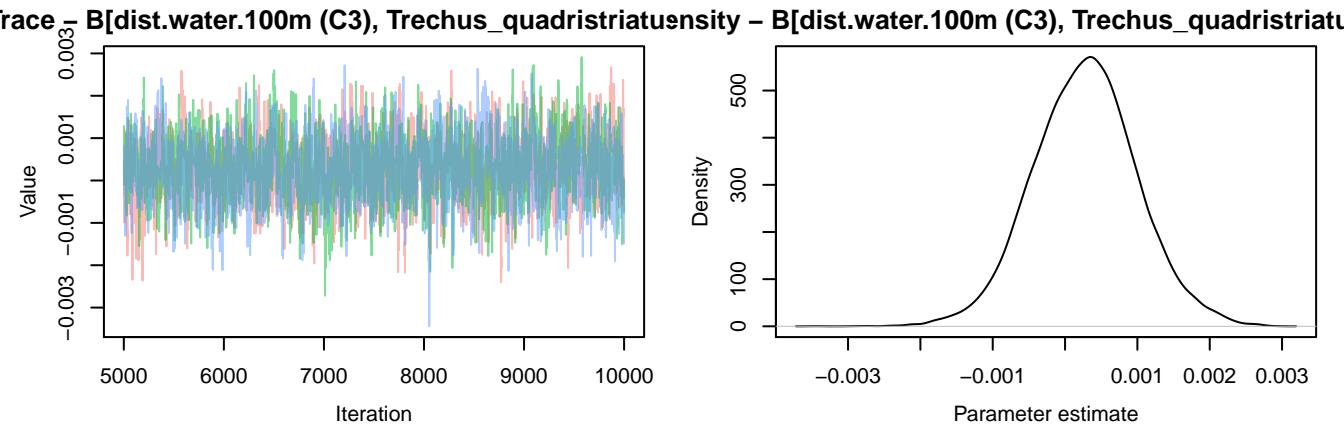
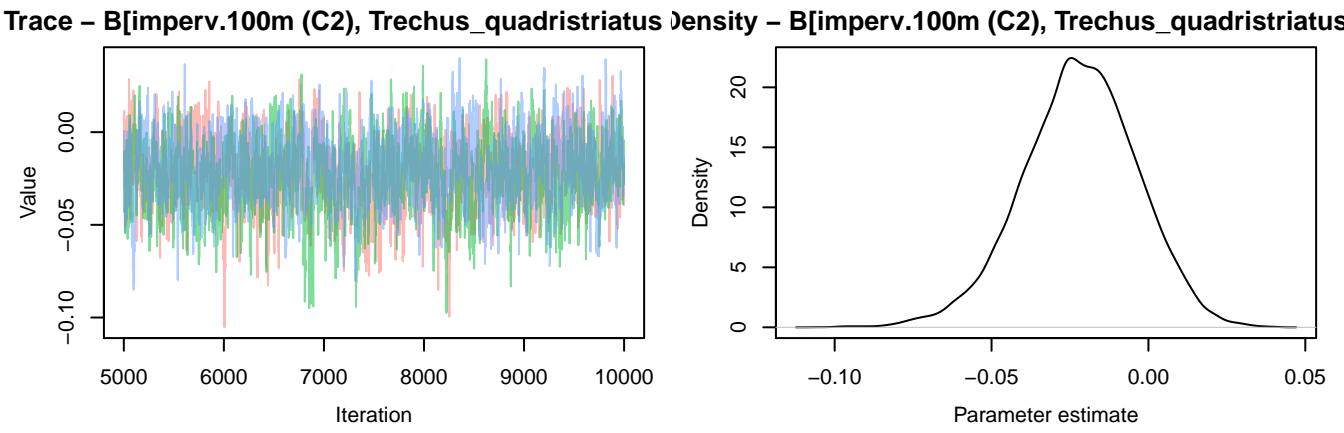
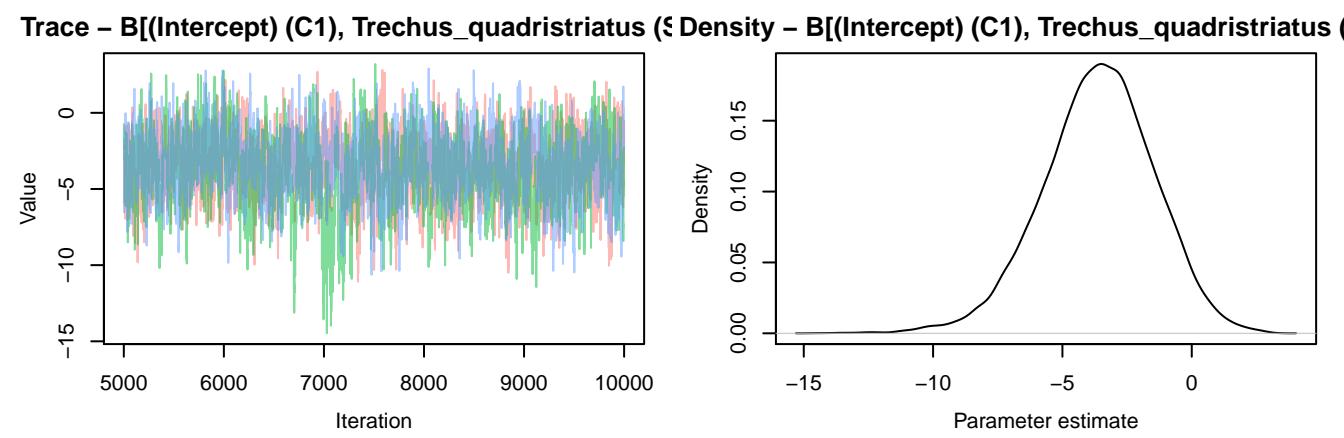
Trace – $B[temp.100\text{m} \text{ (C4)}, \text{Syntomus_foveatus} \text{ (S7)}]$ Density – $B[temp.100\text{m} \text{ (C4)}, \text{Syntomus_foveatus} \text{ (S7)}]$



Trace – $B[(\text{Intercept}) \text{ (C1)}, \text{Syntomus_truncatellus} \text{ (S7)}]$ Density – $B[(\text{Intercept}) \text{ (C1)}, \text{Syntomus_truncatellus} \text{ (S7)}]$







Trace – $B[\text{temp.100m (C4)}, \text{Trechus_quadrstriatus}]$ (Density – $B[\text{temp.100m (C4)}, \text{Trechus_quadrstriatus}]$)

