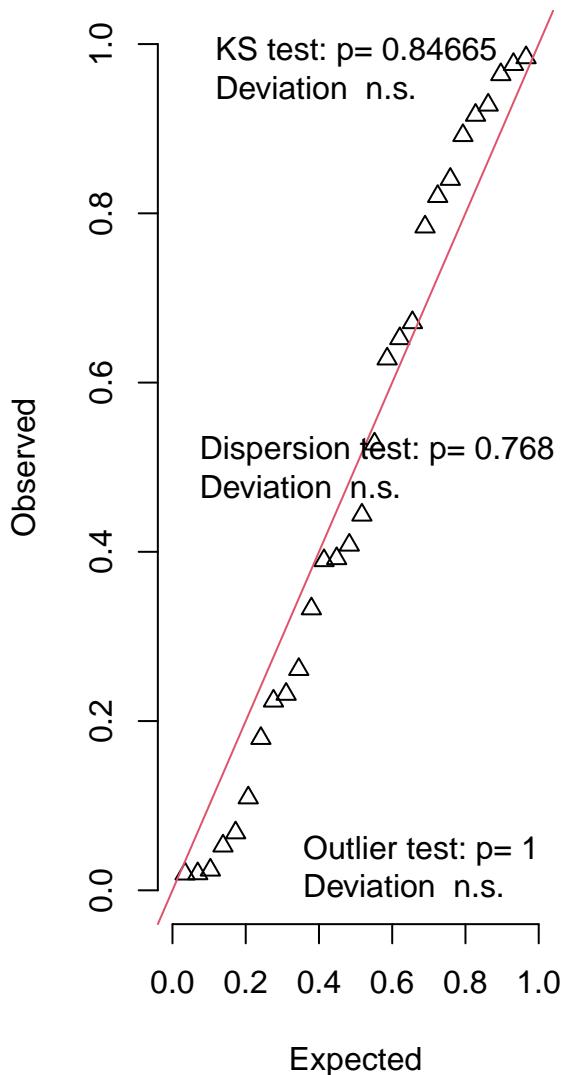
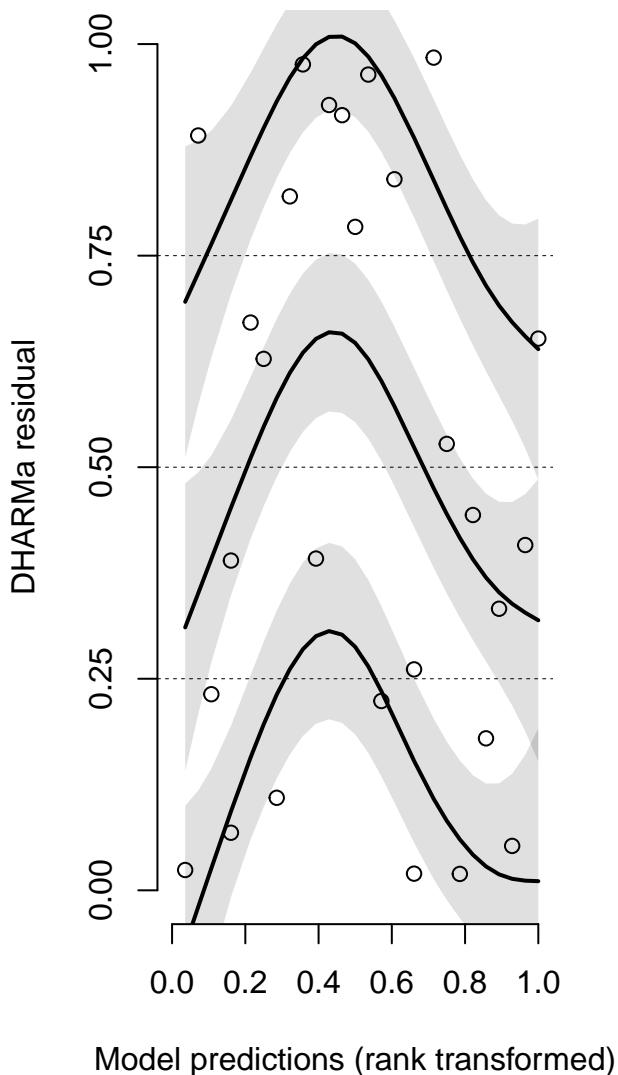


DHARMA residual

QQ plot residuals

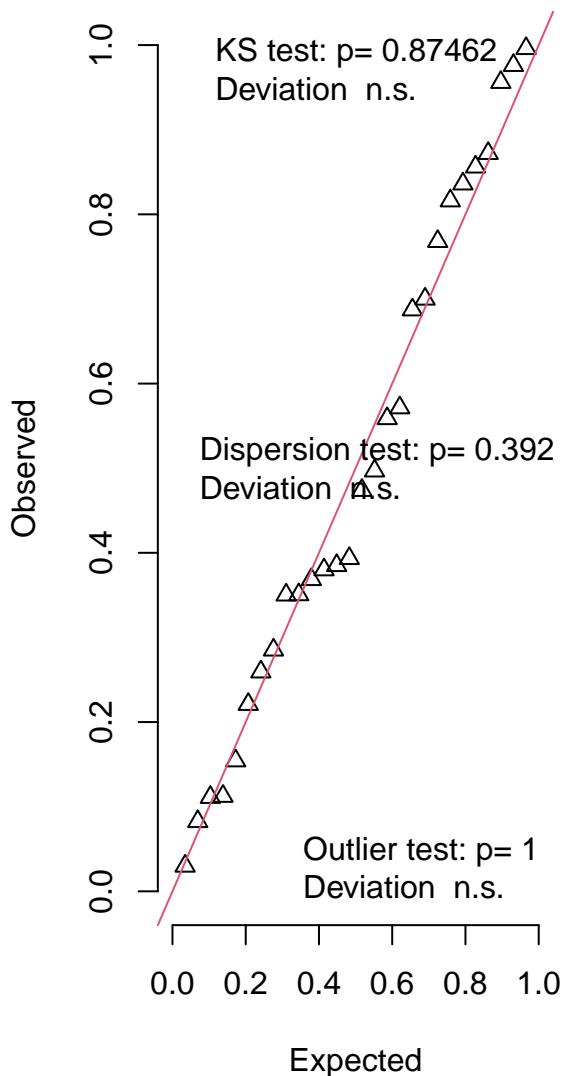


Residual vs. predicted
No significant problems detected

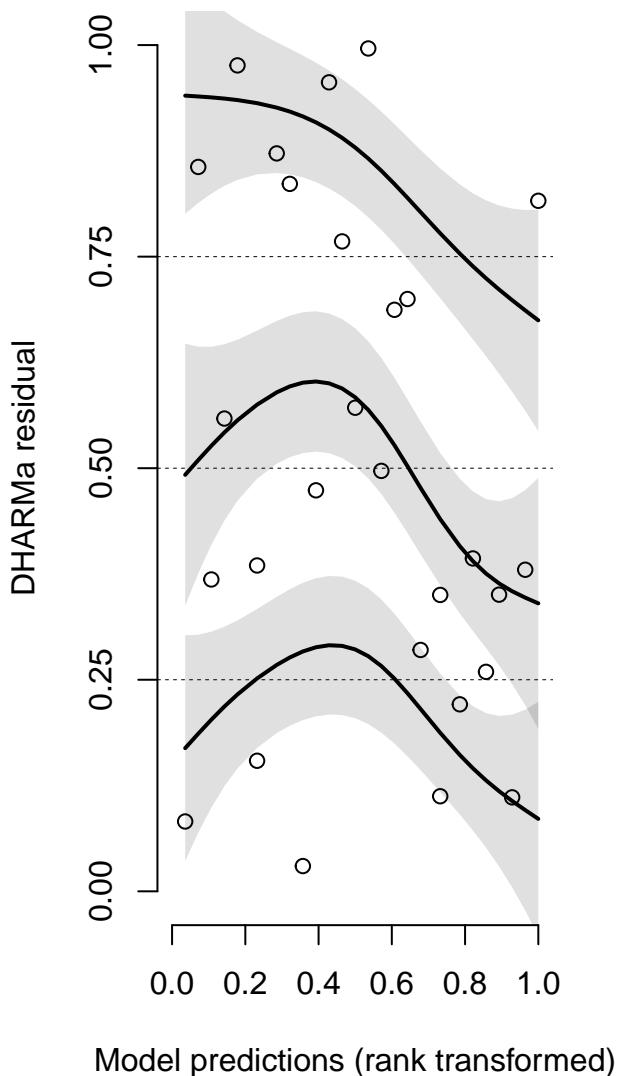


DHARMA residual

QQ plot residuals

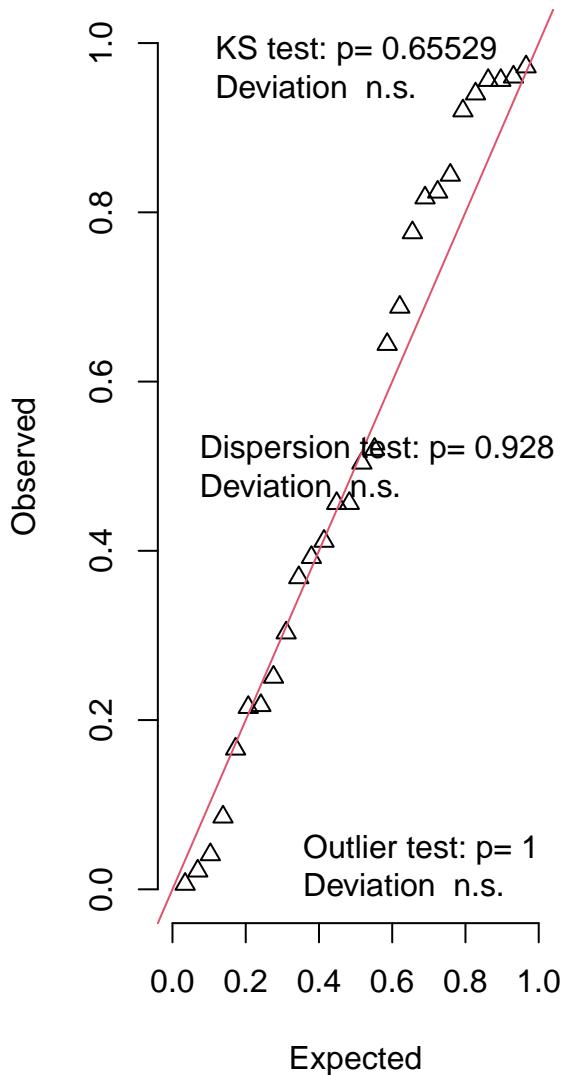


Residual vs. predicted
No significant problems detected

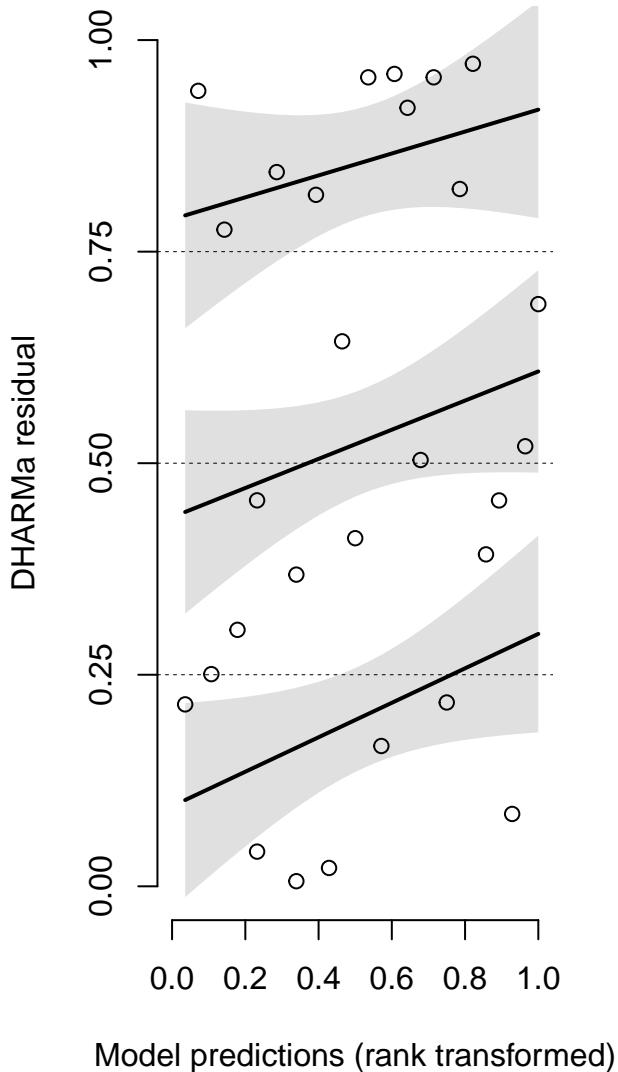


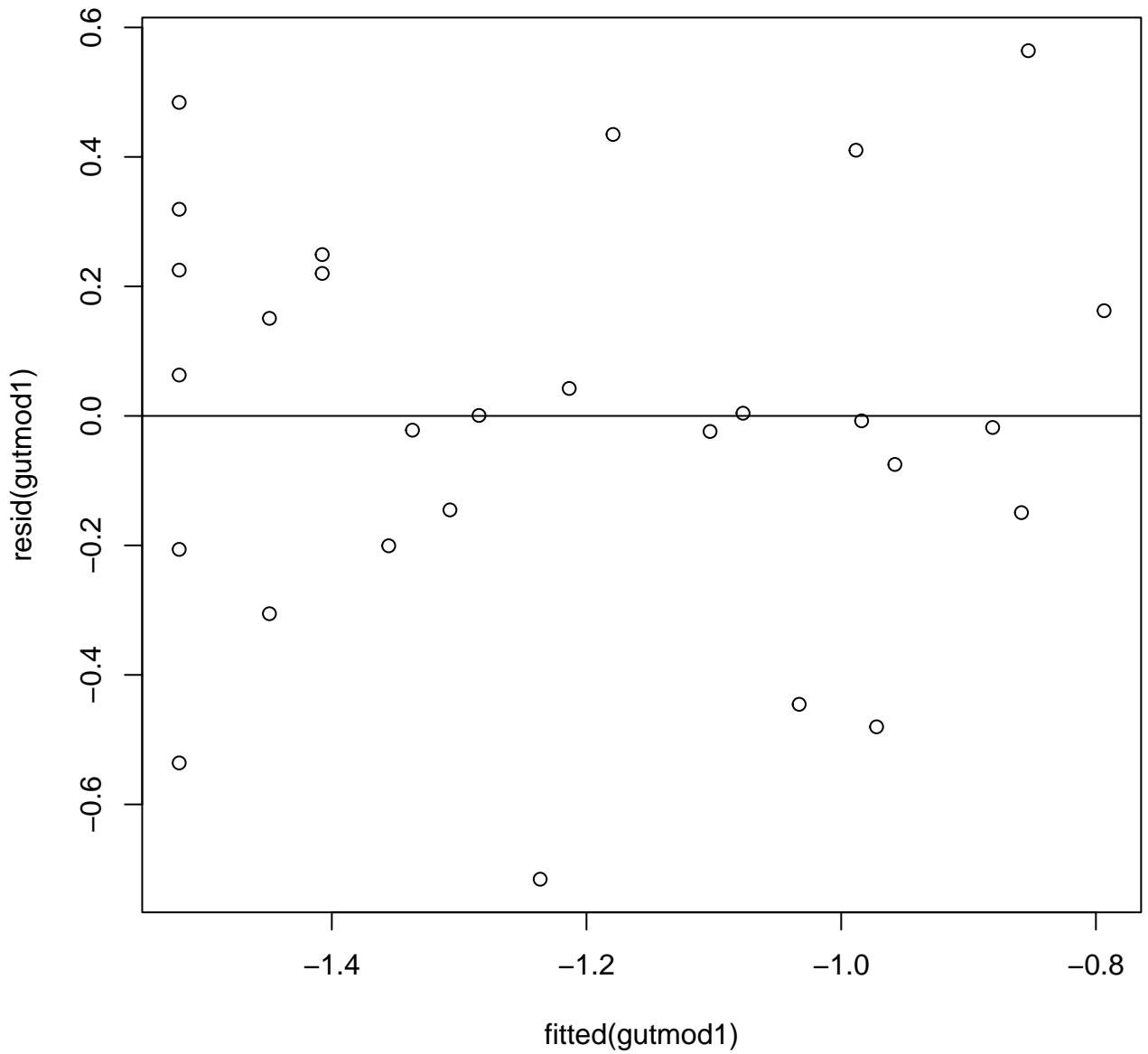
DHARMA residual

QQ plot residuals



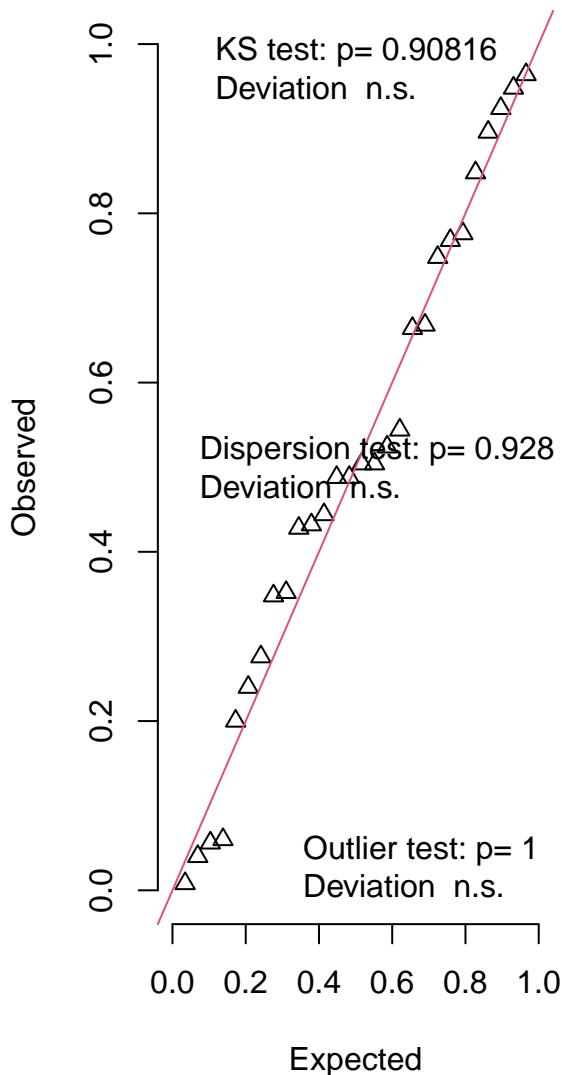
Residual vs. predicted
No significant problems detected



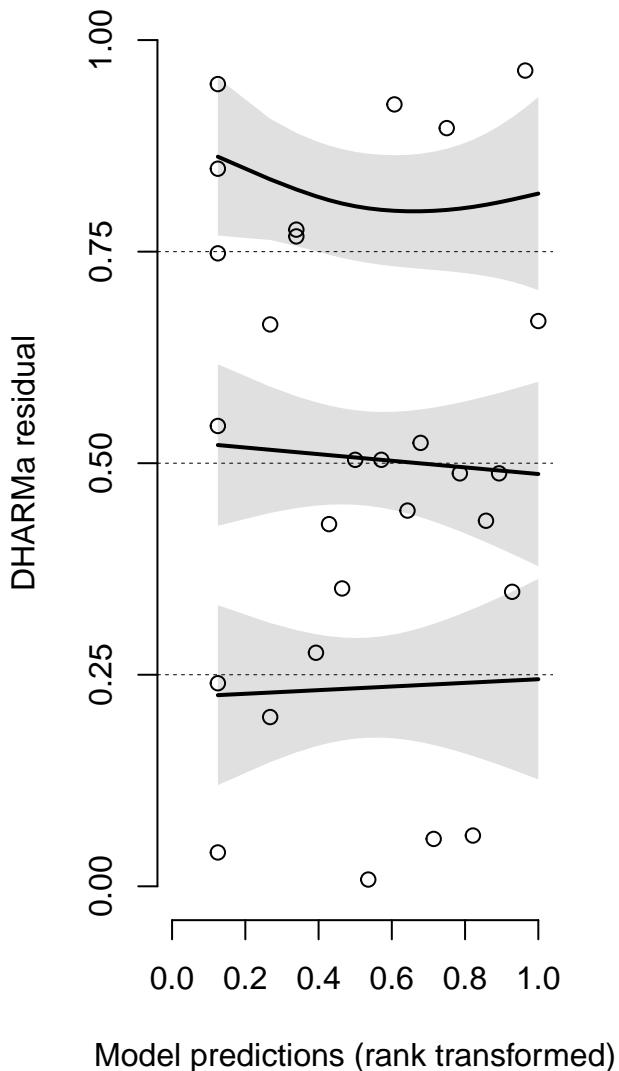


DHARMA residual

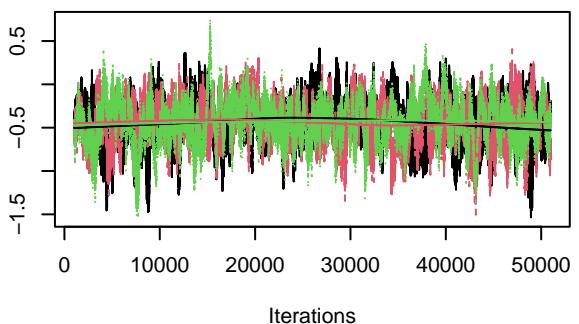
QQ plot residuals



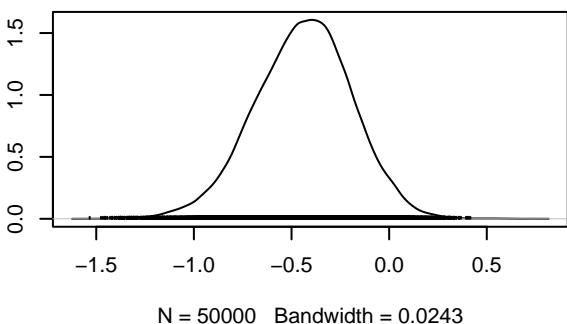
Residual vs. predicted
No significant problems detected



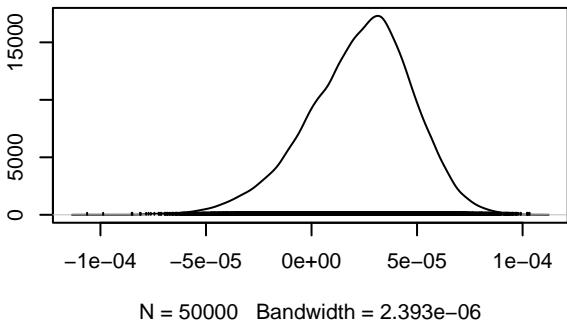
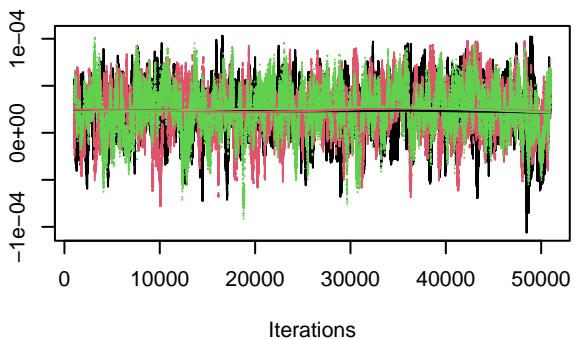
Trace of $B[(\text{Intercept}) (\text{C1})]$, chironomid.pupa (S1)]



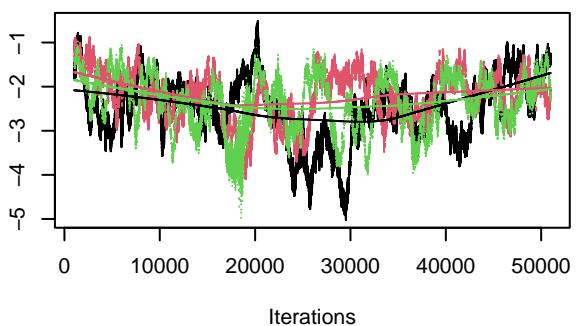
Density of $B[(\text{Intercept}) (\text{C1})]$, chironomid.pupa (S1)]



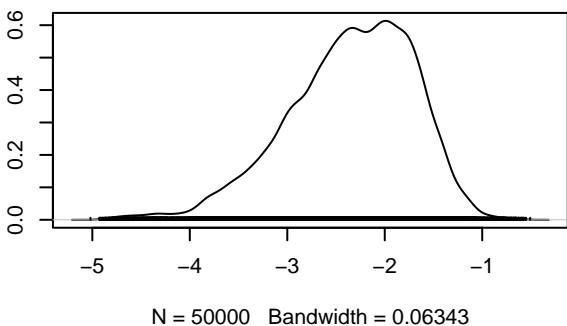
Trace of $B[\text{MPconcentration} (\text{C2})]$, chironomid.pupa (Density of $B[\text{MPconcentration} (\text{C2})]$, chironomid.pupa)



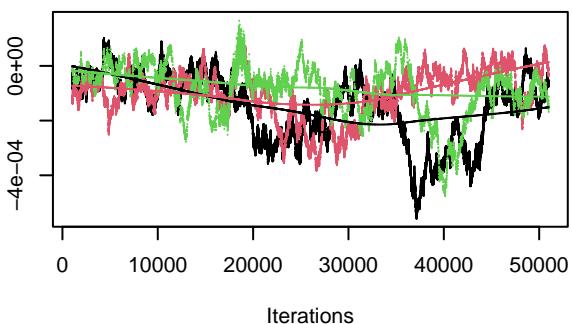
Trace of $B[(\text{Intercept}) (\text{C1})]$, amphipoda (S2)]



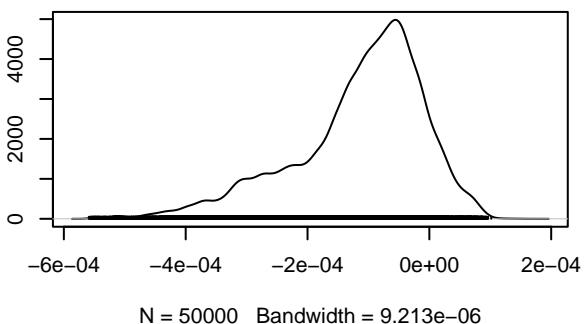
Density of $B[(\text{Intercept}) (\text{C1})]$, amphipoda (S2)]



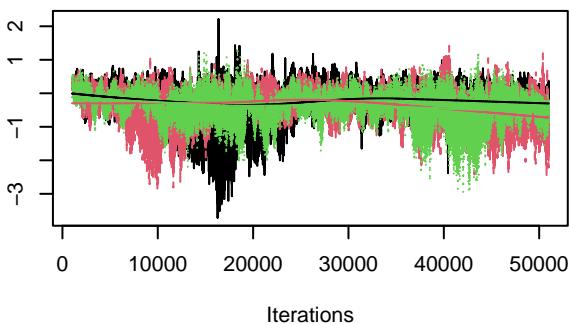
Trace of $B[\text{MPconcentration (C2), amphipoda (S2)}$



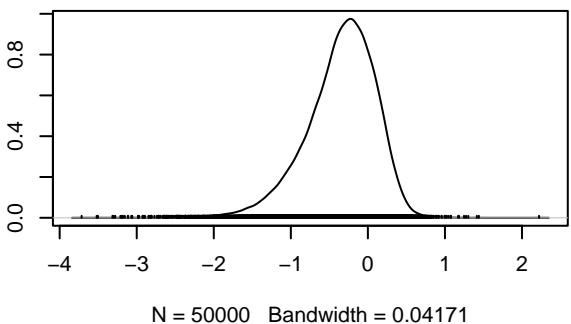
Density of $B[\text{MPconcentration (C2), amphipoda (S2)}$



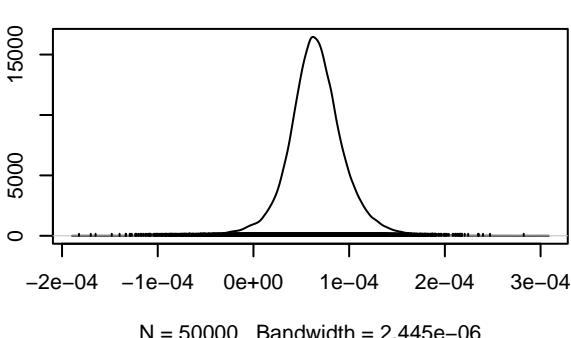
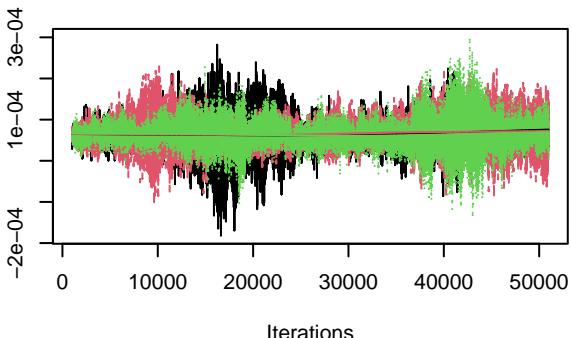
Trace of $B[(\text{Intercept}) (\text{C1}), \text{chironomid.larva (S3)}$



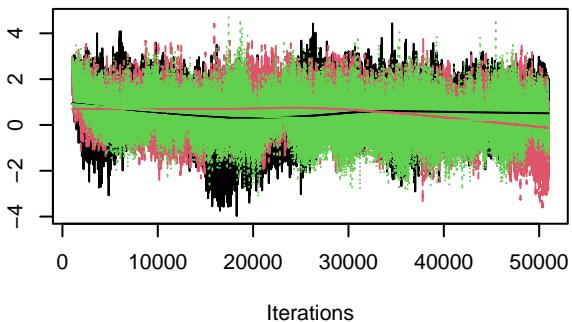
Density of $B[(\text{Intercept}) (\text{C1}), \text{chironomid.larva (S3)}$



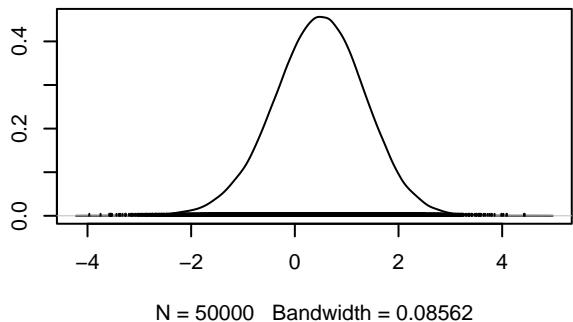
Trace of $B[\text{MPconcentration (C2), chironomid.larva (S3)}$ Density of $B[\text{MPconcentration (C2), chironomid.larva (S3)}$



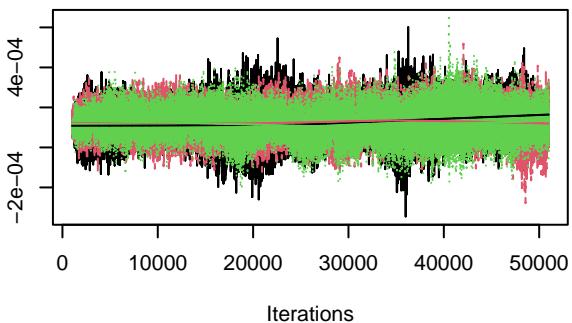
Trace of $B[(\text{Intercept}) \text{ (C1), cladocera (S4)}]$



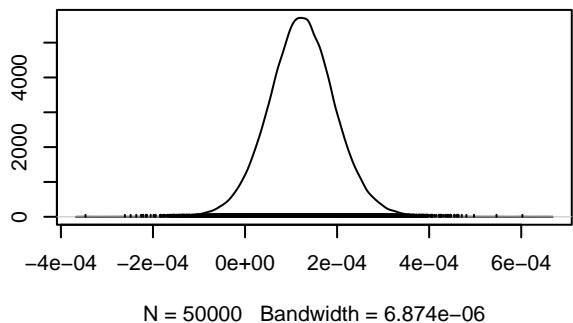
Density of $B[(\text{Intercept}) \text{ (C1), cladocera (S4)}]$



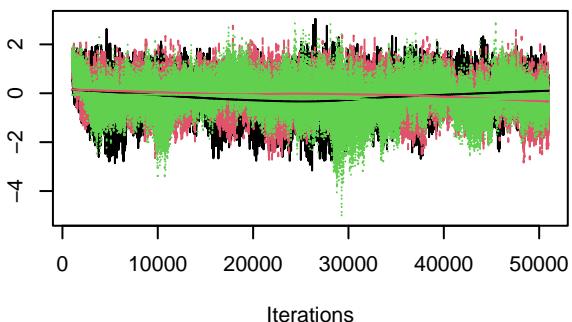
Trace of $B[\text{MPconcentration (C2), cladocera (S4)}]$



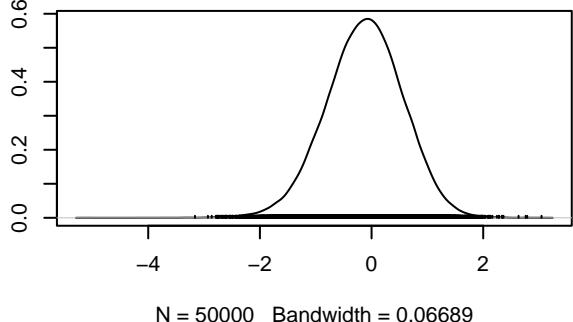
Density of $B[\text{MPconcentration (C2), cladocera (S4)}$



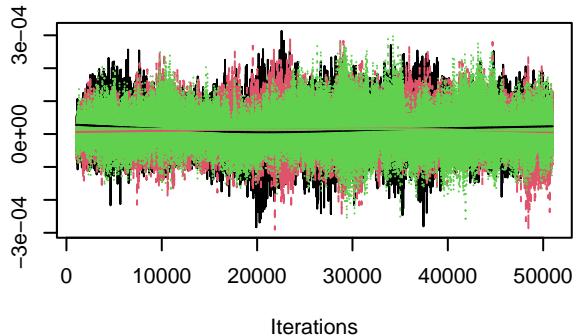
Trace of $B[(\text{Intercept}) \text{ (C1), cyclopoida (S5)}]$



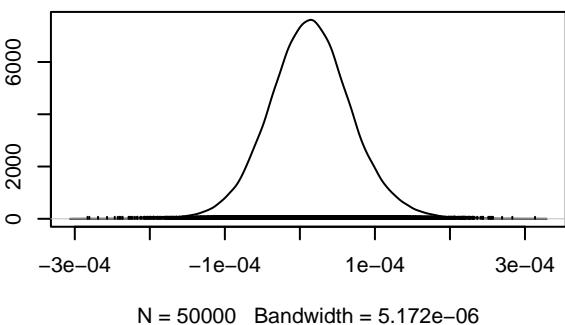
Density of $B[(\text{Intercept}) \text{ (C1), cyclopoida (S5)}]$



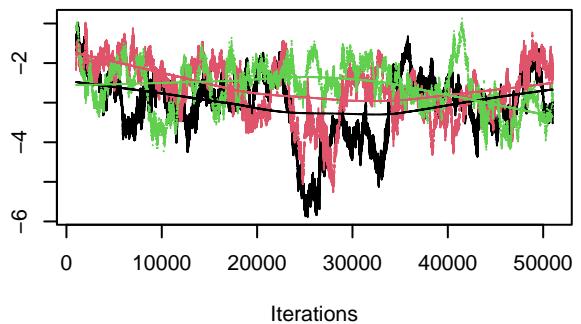
Trace of $B[\text{MPconcentration (C2), cyclopoida (S5)}]$



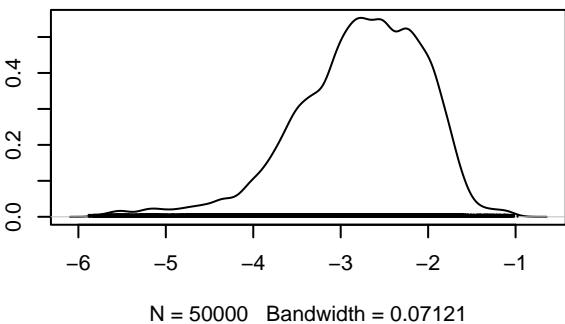
Density of $B[\text{MPconcentration (C2), cyclopoida (S5)}$



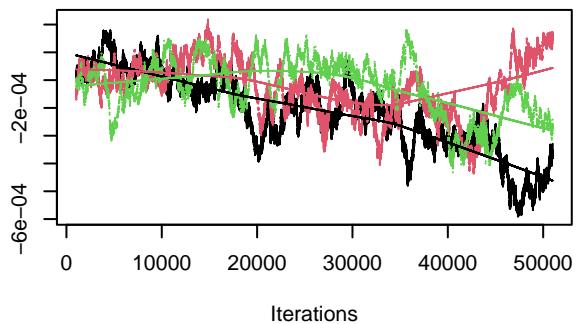
Trace of $B[(\text{Intercept}) (\text{C1}), \text{odonata (S6)}]$



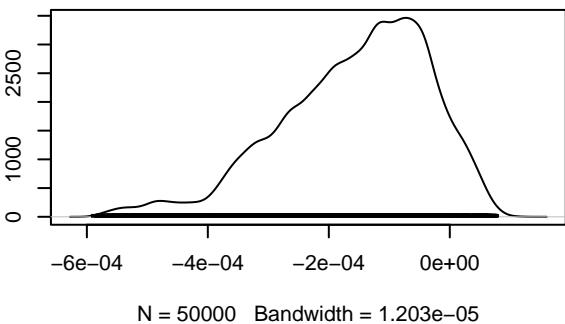
Density of $B[(\text{Intercept}) (\text{C1}), \text{odonata (S6)}]$



Trace of $B[\text{MPconcentration (C2), odonata (S6)}]$



Density of $B[\text{MPconcentration (C2), odonata (S6)}$



d.pupa (S1)

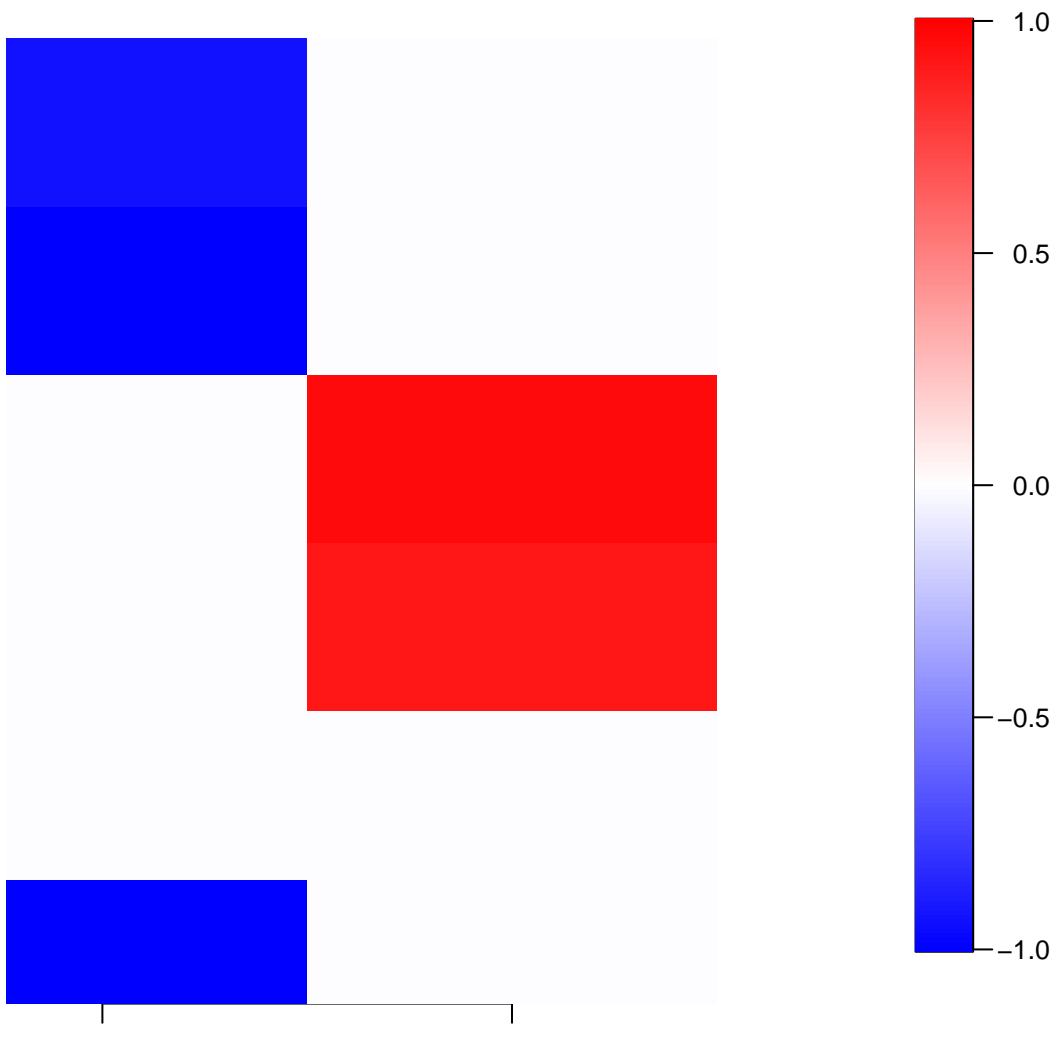
hipoda (S2)

d.larva (S3)

docera (S4)

opoida (S5)

donata (S6)



(Intercept) (C1)

concentration (C2)

1.0

0.5

0.0

-0.5

-1.0

