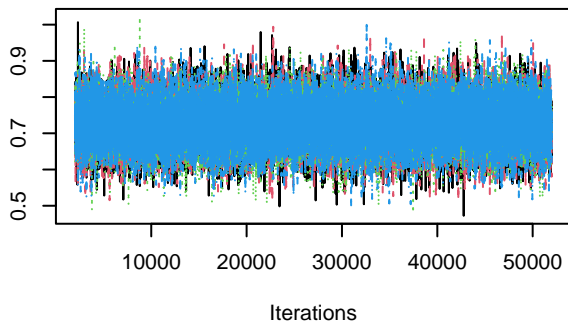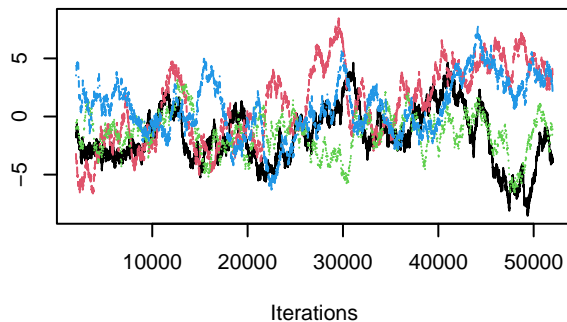**Trace of M_sl_above**
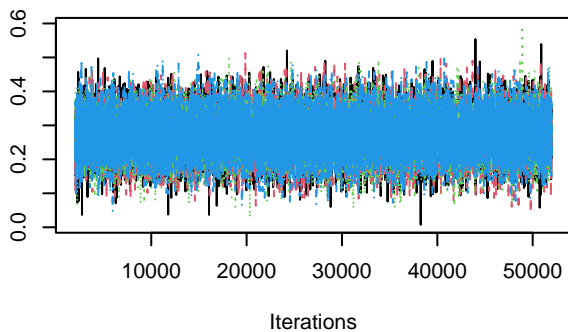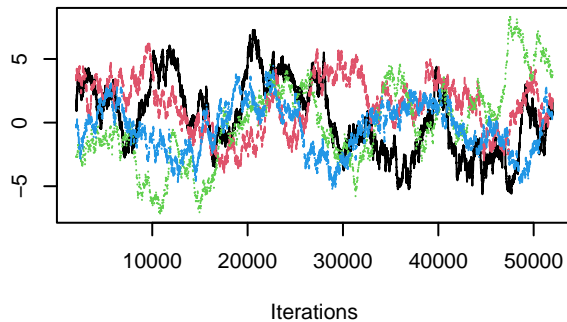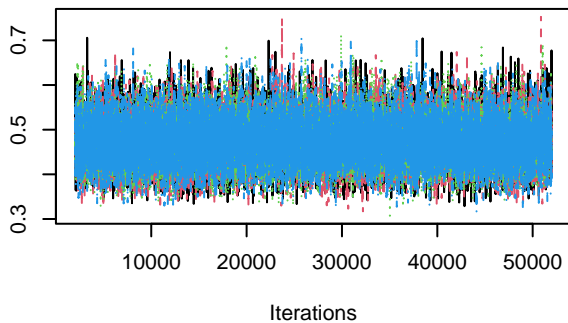
Trace of M_sl_below

Trace of M_int_above

Trace of M_int_below

Trace of SD_int

Trace of SD_sl