Diagnostic Plots

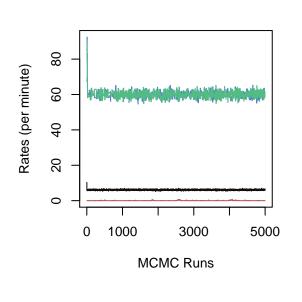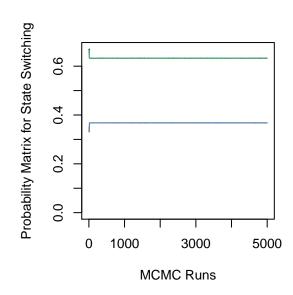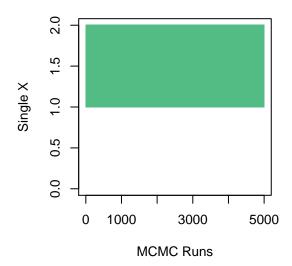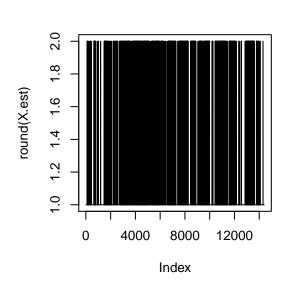**High**