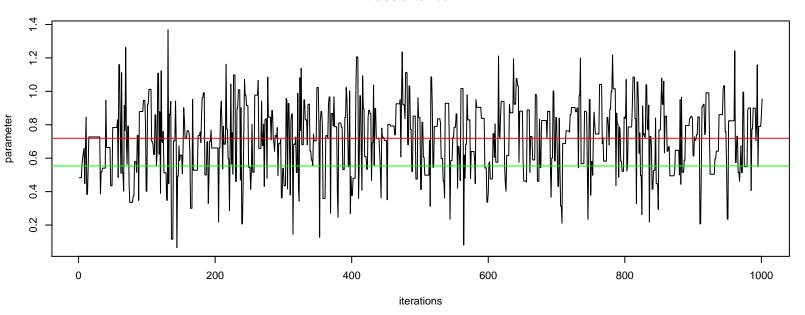**histogram after burn in**

trace after burnin

full trace