

## SatMut README

The basic analysis requires the program “Saturate”, a “commands” file, and a data file (“infile”, or arbitrary name given in the command file). The commands are sets of words and values on each line as follows:

```
skip 100          # How many generations to skip between chain samples
cycles 100000     # Number of generations to run
amove 0.1         # The following three values control the size of proposal steps
imove 1.0
fmove 0.05
seed 8172385     # random seed
loudness 0       # keep this at 0 if you know what's good for you
cats 4           # the largest number of categories to run mixture models for
gamma 0          # do you want to run a gamma model?
varfreqs 0      # do you want variable frequencies on the mixture models?
test 0          # I'd leave this at zero
cline 0         # this, too
file infile     # call your data file something besides infile, if you want
xfile infile    # the answer is out there somewhere
```