ESM S1-3: Example output from R-code of ESM S1-1

Article**:** *Bayes estimates as an approximation to maximum likelihood estimates*
Author: *Kohji Yamamura*
Journal: *Population Ecology*

```
Inference for Bugs model at "model.txt", fit using WinBUGS,
 1 chains, each with 110000 iterations (first 10000 discarded)
 n.sims = 1e+05 iterations saved
             mean       sd     2.5%      25%      50%     75%   97.5%
N1trans   0.49930  0.00015  0.49900  0.49920  0.49930  0.4994  0.4996
N[1]     27.25884  4.33061 22.40000 25.21000 26.69000 28.4800 35.3600
N[2]     29.40667  5.24012 23.52000 26.93000 28.72000 30.8900 39.2100
N[3]     31.97156  6.34053 24.85000 28.97000 31.14000 33.7700 43.8300
N[4]     32.69873  7.67203 24.08975 29.07000 31.69000 34.8700 47.0500
N[5]     33.24608  9.28322 22.82000 28.86000 32.03000 35.8700 50.6100
N[6]     32.93367 11.23301 20.32000 27.62000 31.46000 36.1100 53.9400
Strans   -4.58573  1.14929 -6.76100 -5.38100 -4.61100 -3.8150 -2.2760
sigma     0.10257  0.04575  0.05212  0.07342  0.09153  0.1183  0.2188
deviance -7.03521  2.12093 -9.13800 -8.57100 -7.67750 -6.1820 -1.3550

DIC info (using the rule, pD = Dbar-Dhat)
pD = 2.0 and DIC = -5.0
DIC is an estimate of expected predictive error (lower deviance is better).

        Skewness Estimate    2.5 %  97.5 %
N2007 -0.0672106 26.69000 22.40000 35.3600
sigma  0.1047157  0.09153  0.05212  0.2188
```