Outline

1. other random sampling methods (stratified, multi-stage, cluster)
2. using a stratified random sample to reduce sampling error
3. likelihood
4. random processes
5. frequentist and subjectivist interpretation of probability

Homework - due Monday, February 18, 2008

1. Read sections 2.3 and pages 301–304.
2. Do problems 2.6, 7, 8, 9.

Useful R

```r
> fivenum(replicate(1000,mean(sample(singer$height,8,replace=F))))
[1] 63.750 66.375 67.250 68.125 72.000
> fivenum(replicate(1000,mean(by(singer$height,singer$voice.part,function (x) {sample(x,1)}))))
[1] 65.250 66.875 67.500 68.125 70.500
```