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## Tasks this week

### 1 & 2. Running without intercept & Choose the right kappa

For simplicity, I hide some codes that is almost the same as last week's code.

1. Running without intercept indeed have the similar results.

2. Different choice of kappa...

Setting kappa = 10 might be a good choice, it produces a reasonable acceptance rate.

If we set the kappa too large, it will produce a low acceptance rate.

But it seems that C statistics does not change too much by kappa

```
#####  
# This design matrix has no intercept  
A <- model.matrix(rfstime ~ -1+ age + meno + size + grade + er + hormon,  
                  data=gbsg)  
# Fix prior variance to 1  
beta0 = rep(0,dim(A)[2])  
sigma0 = rep(1,dim(A)[2])  
#####
```

##	Kappa	Acceptance_Rate	Average_C_STAT
## 1	1e-02	0.605000000	0.6297131
## 2	1e-01	0.624090909	0.6294361
## 3	1e+00	0.676363636	0.6280124
## 4	1e+01	0.333636364	0.6292933
## 5	1e+02	0.066818182	0.6299755
## 6	1e+03	0.009090909	0.6296934

