

---

# BASEBALL IN ULAM

---

```
m1 = ulam(alist(  
  hits ~ binomial(atbats, avgs),  
  avgs < p[player],  
  p[player] ~ beta(nu0, nu1),  
  nu0 ~ lognormal(0, 1),  
  nu1 ~ lognormal(0, 1)  
) , data = list(hits = d[,2],  
                 atbats = d[,1],  
                 player = 1:Nplayers),  
chains = 4, cores = 4, iter = 2000)
```

# BATTING AVERAGES

