Posterior predictive distribution

The posterior is full of lines

```
post <- extract.samples(m3.2)
plot( d2$height , d2$weight , col=2 , lwd=3 ,
    xlab="height (cm)" , ylab="weight (kg)" )
for ( j in 1:20 )
    abline( a=post$a[j] , b=post$b[j] , lwd=1 )
```

The posterior is full of people

```
height_seq <- seq(130,190,len=20)
W_postpred <- sim( m3.2 ,
data=list(H=height_seq) )
W_PI <- apply( W_postpred , 2 , PI )
lines( height_seq , W_PI[1,] , lty=2 , lwd=2 )
lines( height_seq , W_PI[2,] , lty=2 , lwd=2 )
```