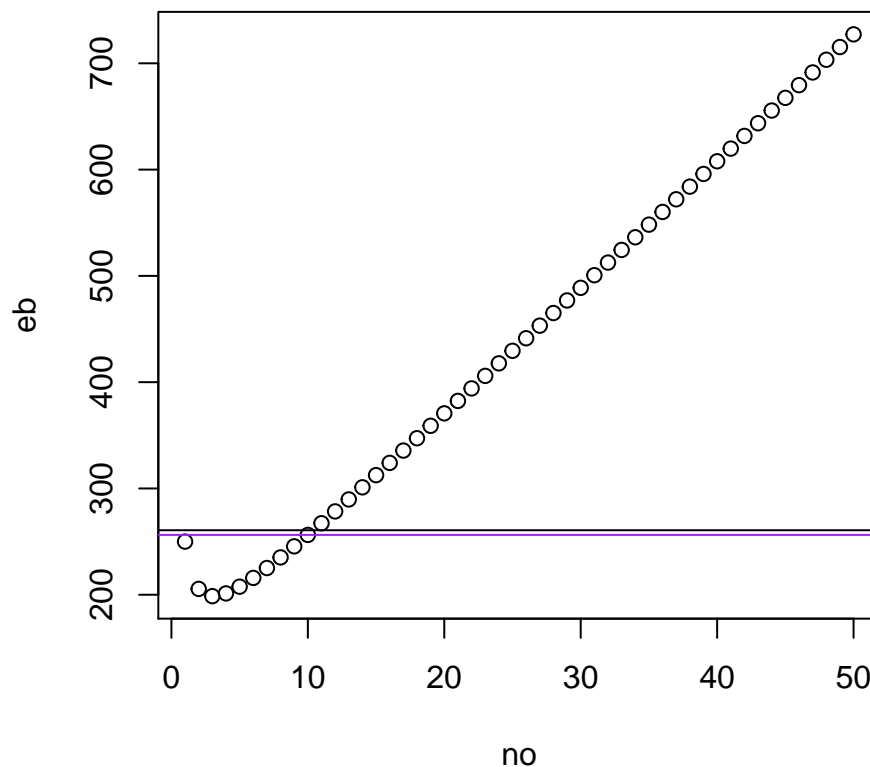


```
## Error in ifelse(rbinom.p[x]/n >= rci[, x][1] & rbinom.p[x]/n <= rci[, : object 'n'
not found
```

- 1.
2. (a)
- (b)
- (c) textttt

	Posterior Shape	Posterior Scale	Posterior Mean	Posterior Variance	Lower Bound	Upper Bound
A	237.00	1.10	260.70	286.77	228.56	294.92
B	125.00	2.00	250.00	500.00	208.10	295.69

3. (a)



- (b)

```
## Error in '[.data.frame'(ab, 11): undefined columns selected
```

The post mean of A is between 256.3 and 267.2727 Which corresponds to when no is 10 and 11.

For the posterior expectation of θ_B to be close to that of θ_A no would need to be close to 10 or 11, which would make the prior distribution of θ_B to be close to a GAM(120,10) or a GAM(130,10) distribution.

4.