

# Model Expression glucocorticoid receptors

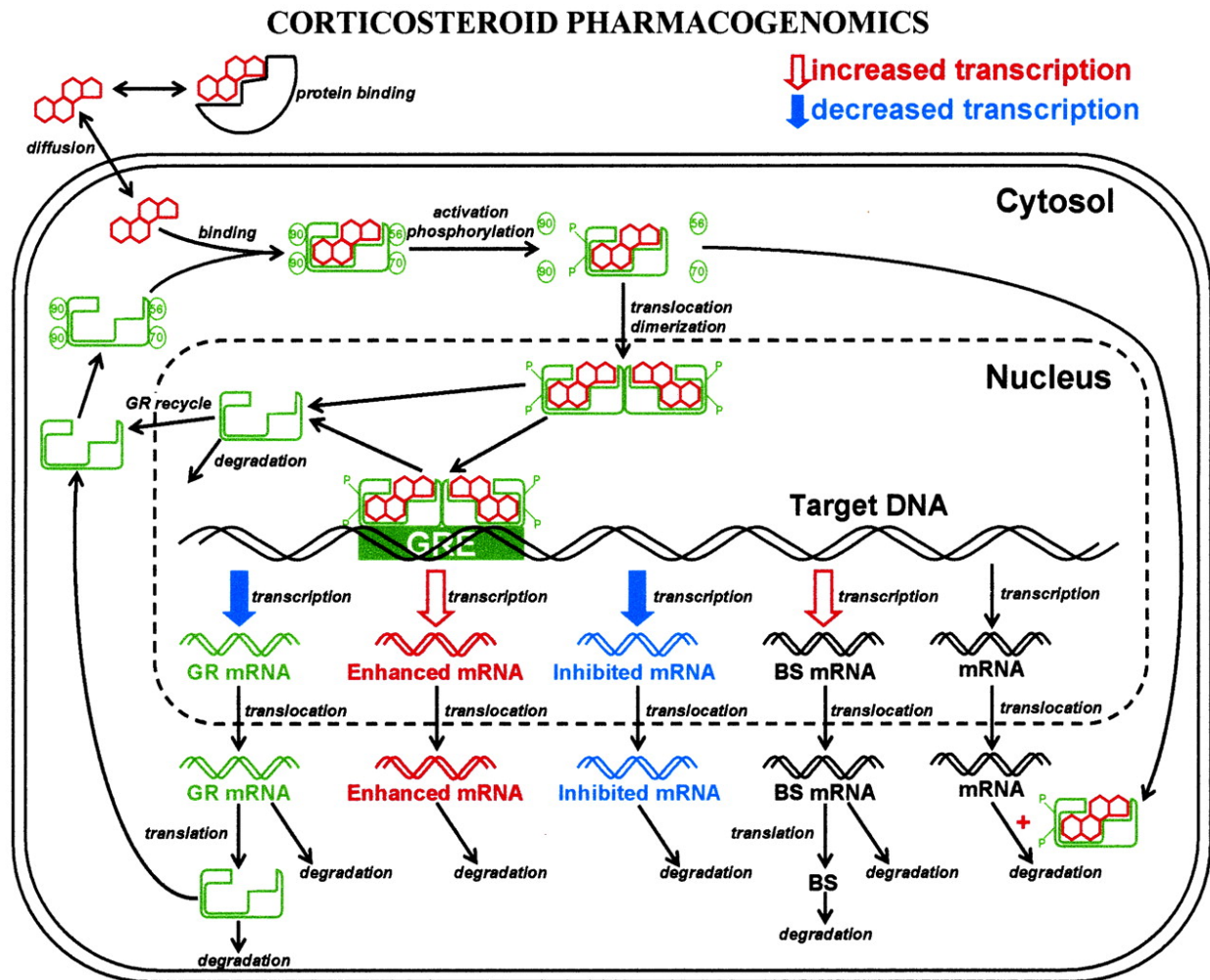


Figure 1: image

- Keimpe Dijkstra
- Wouter Zeevat

# Contents

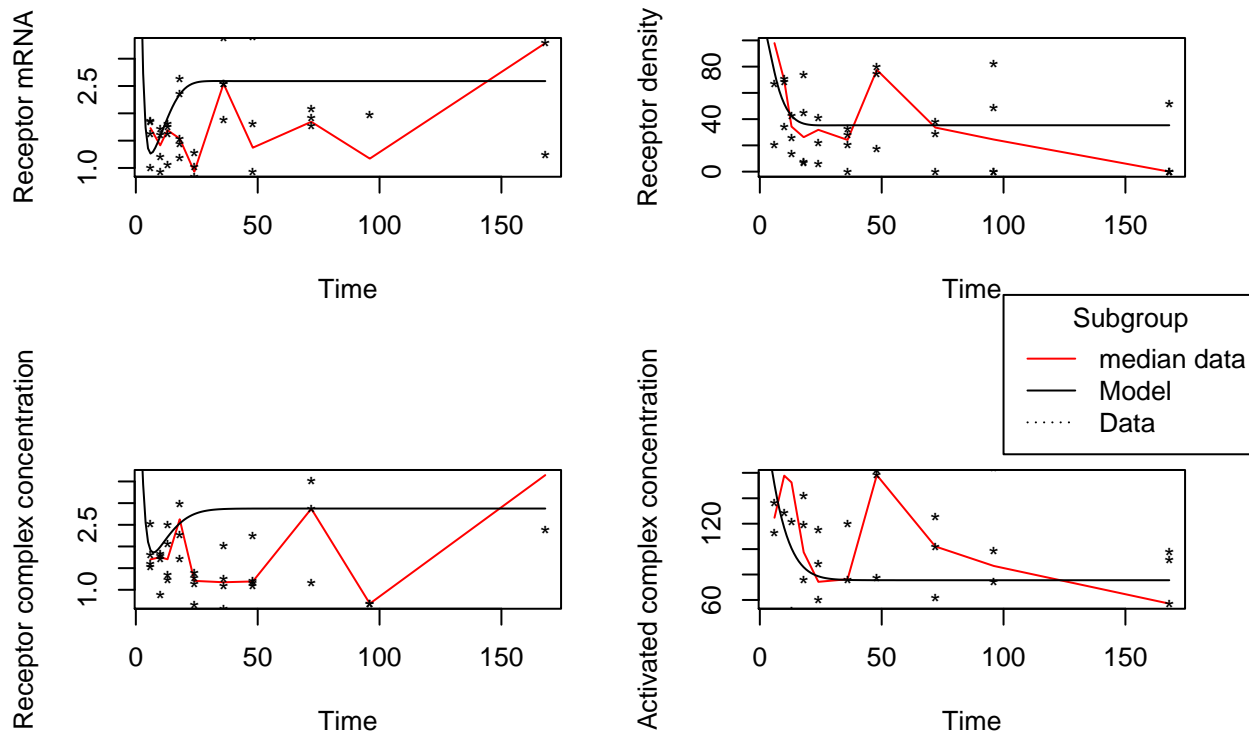
<b>Model Expression glucocorticoid receptors</b>	<b>1</b>
Introduction . . . . .	3
Materials & Methods . . . . .	4
Results . . . . .	5
Discussion . . . . .	10

## Introduction

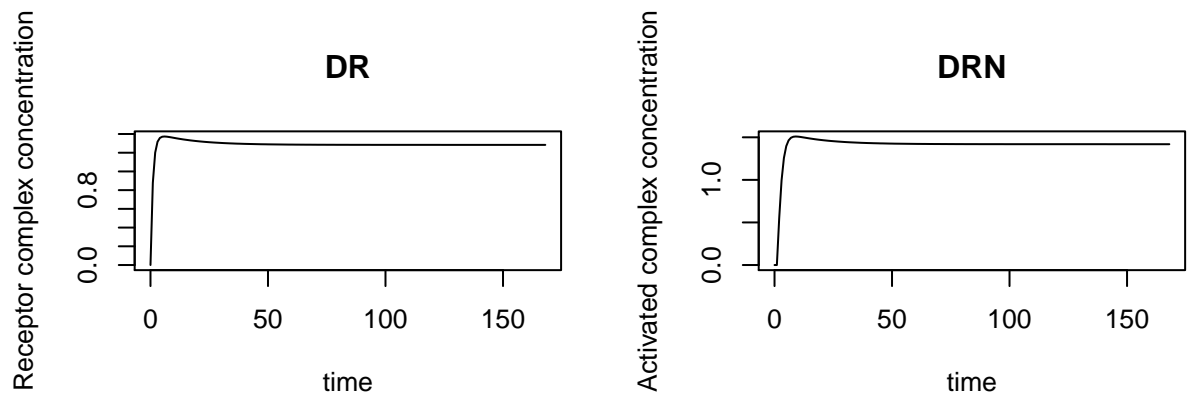
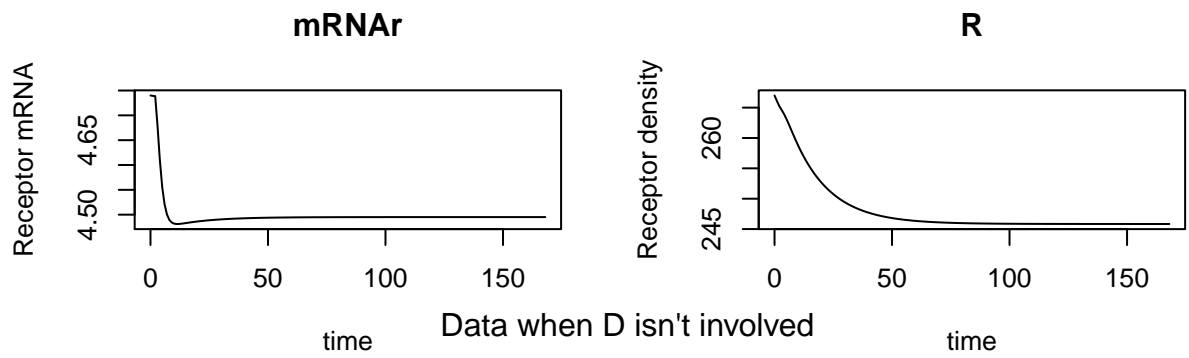
## Materials & Methods

## Results

### Model VS actual data



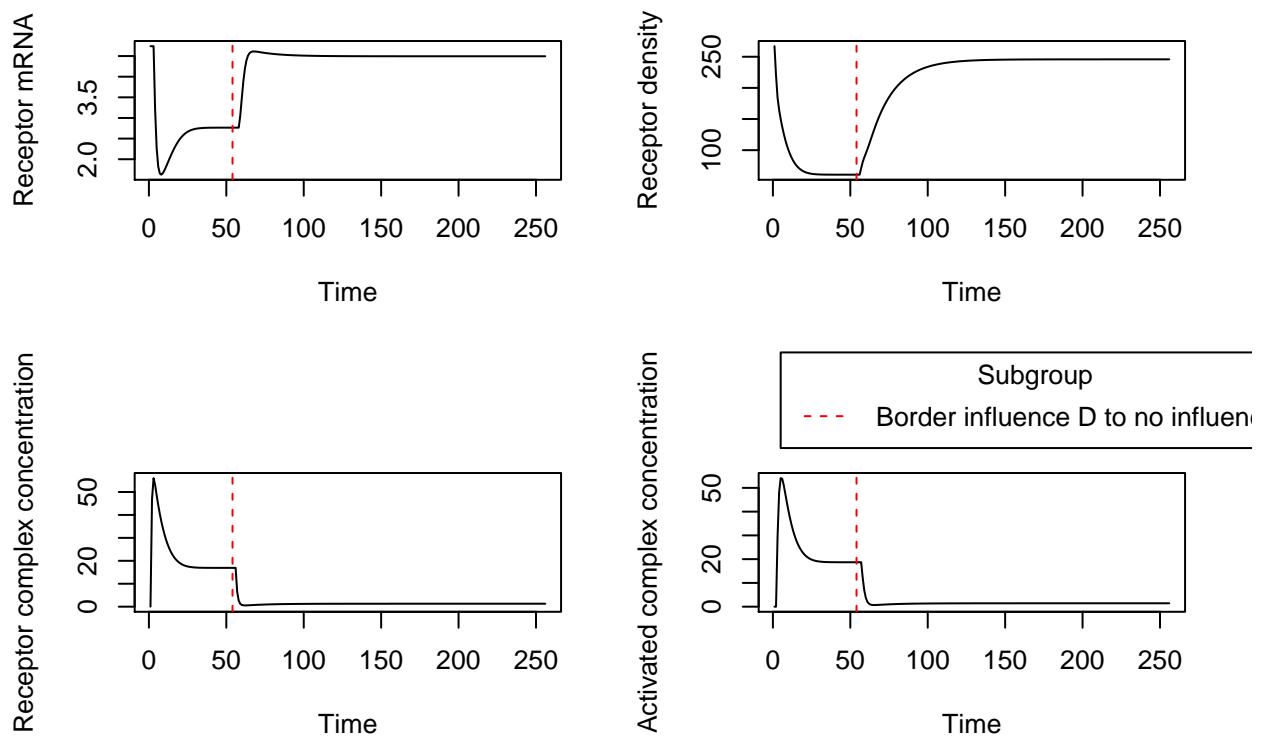
The results of the model are not in line with the data. An explanation for this could be that the glucose level in someone's body is constantly changing. Which could result in the lines shaking due to the glucose levels that are shaking too.



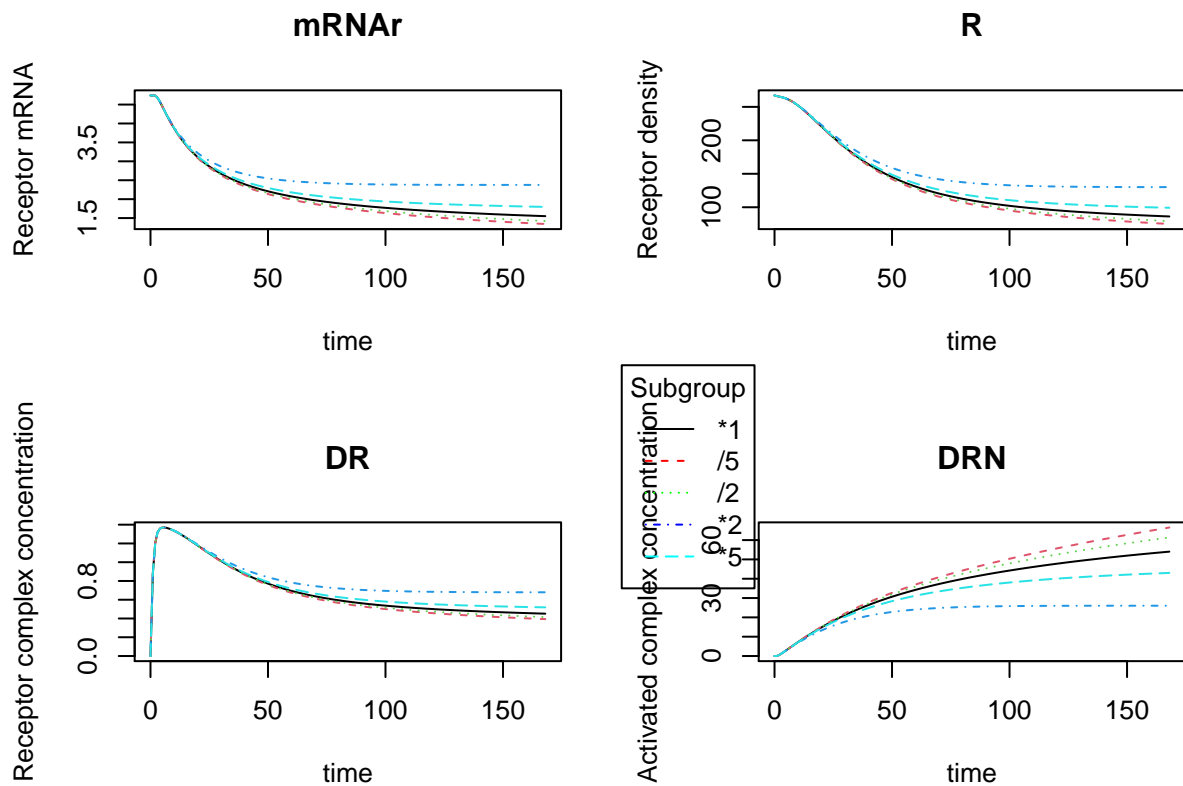
drug has no influence on the synthesis of mRNA you would expect this.

If the

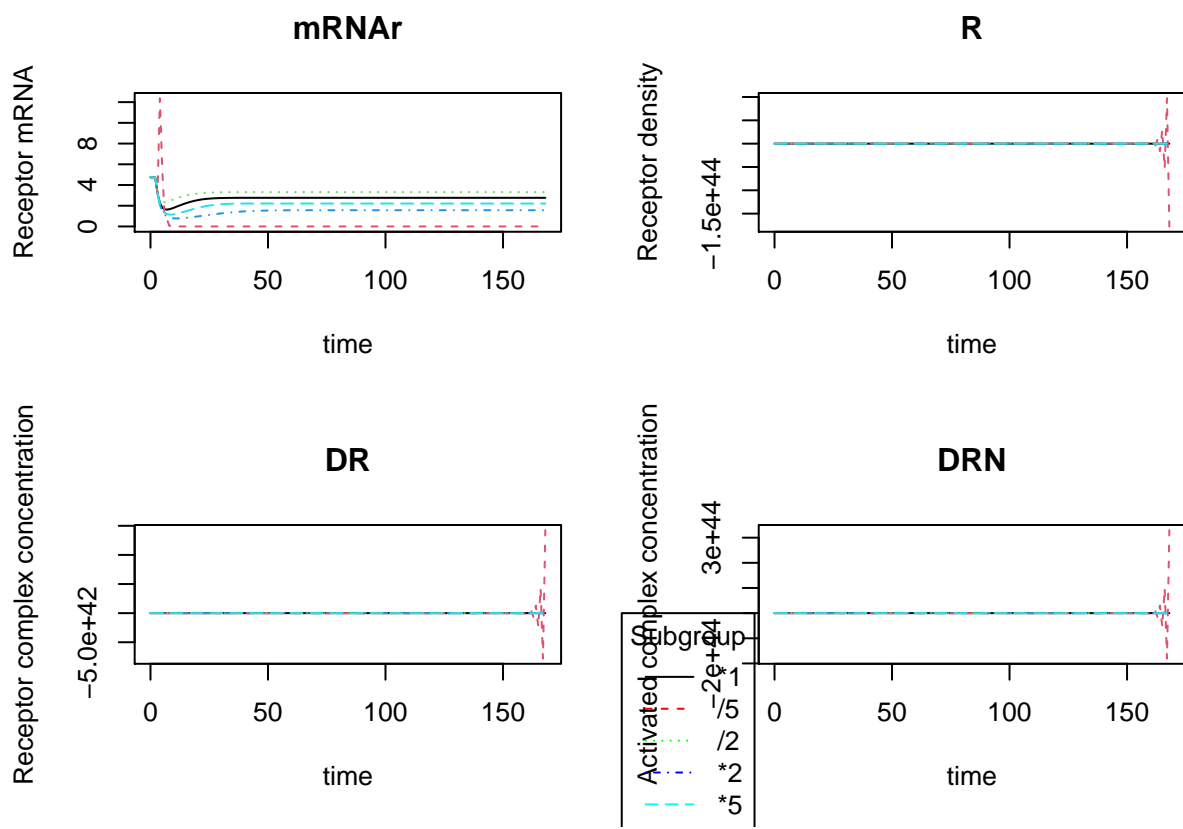
Formula to formula when D has no influence



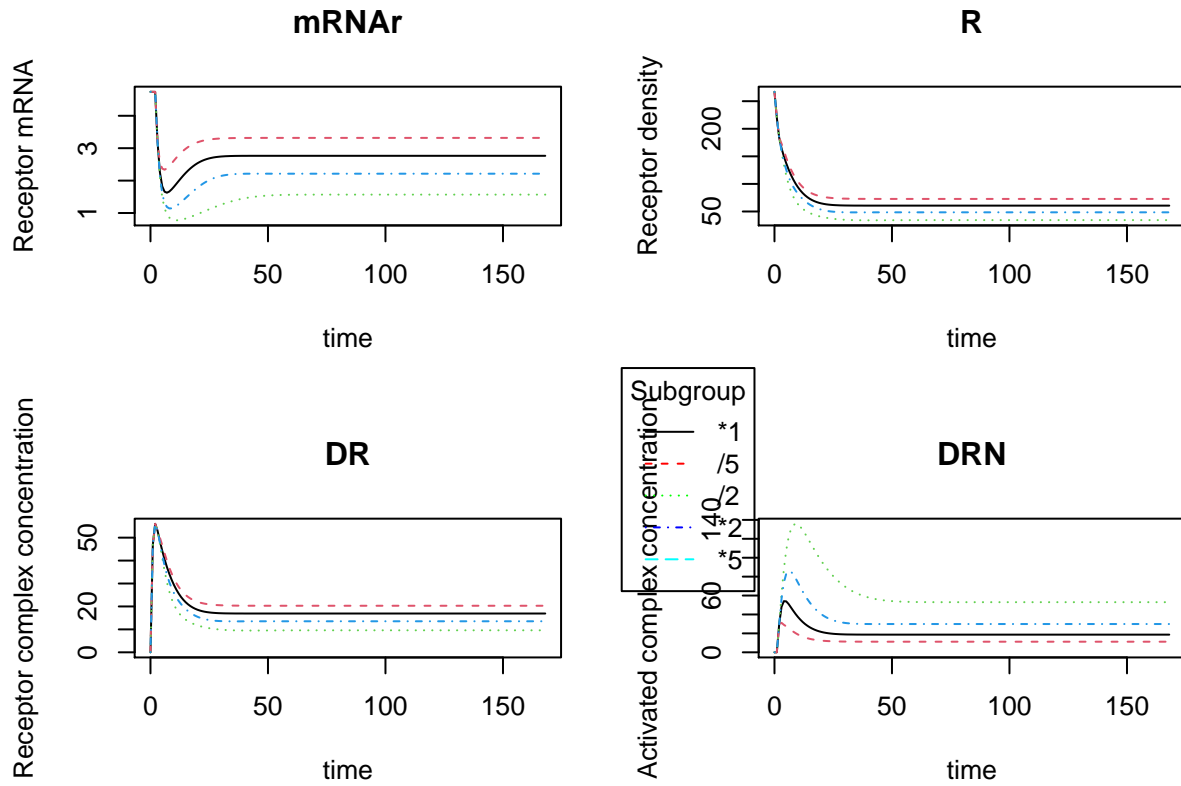
## Warning in par(xpd = xpd): NAs introduced by coercion



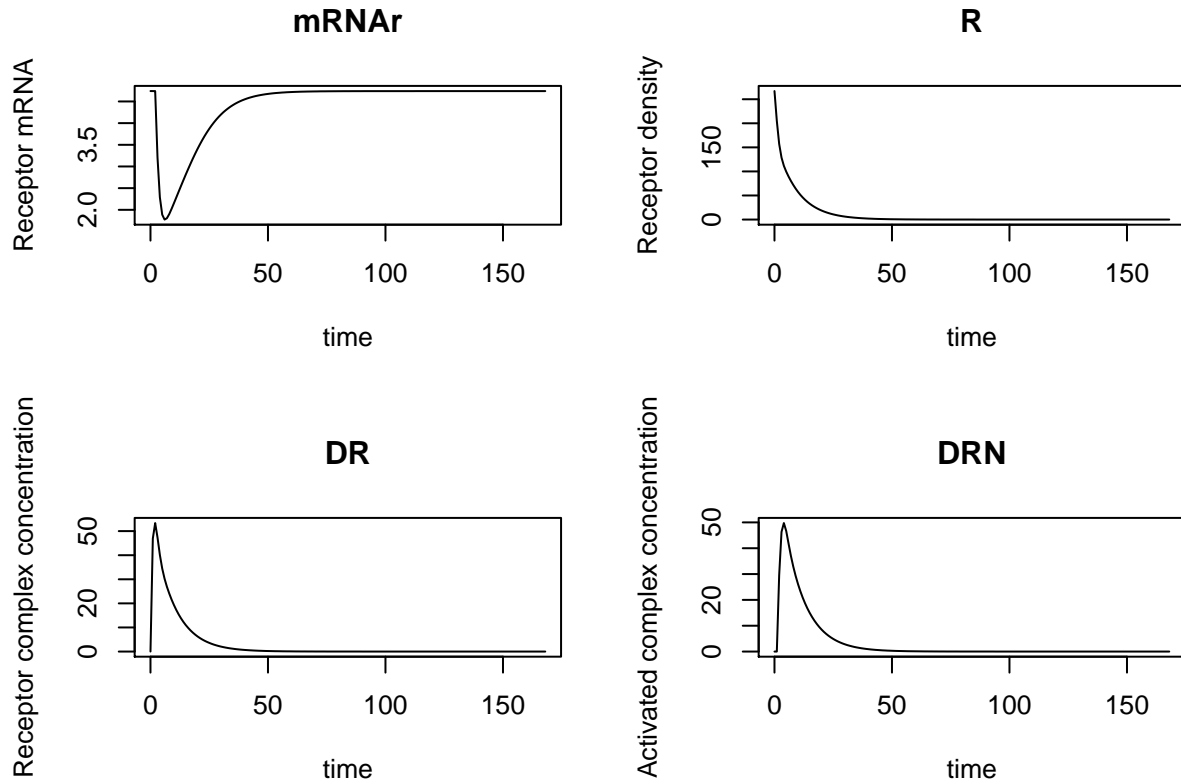
Formula when kre parameter is changed



Formula when kre parameter is changed

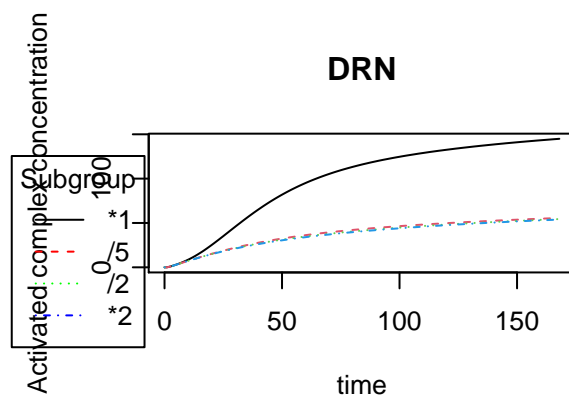
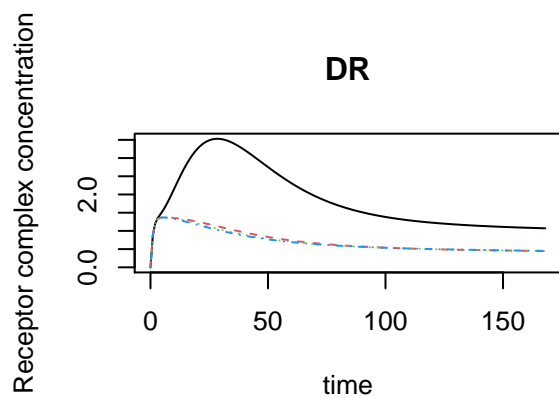
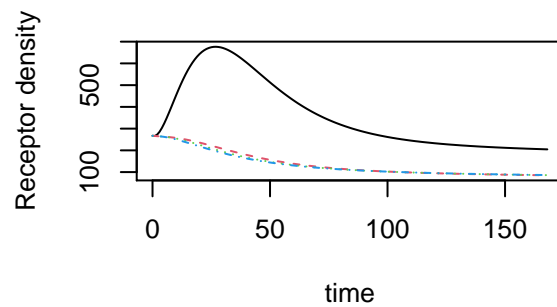
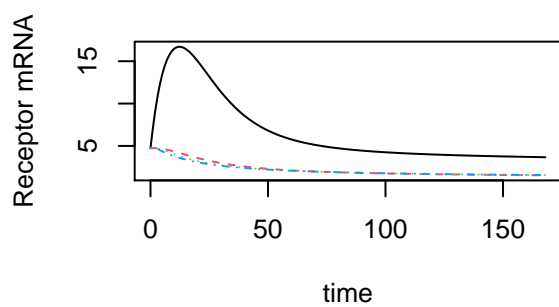
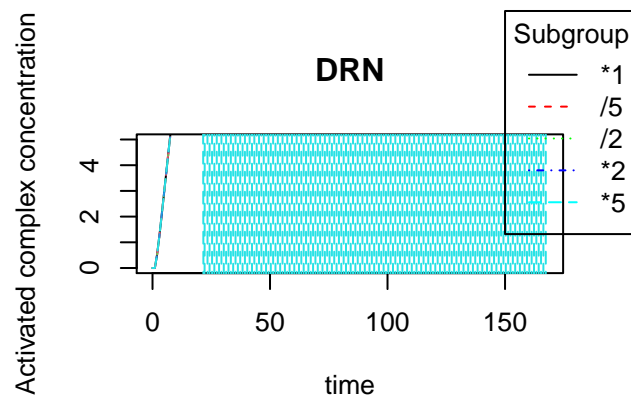
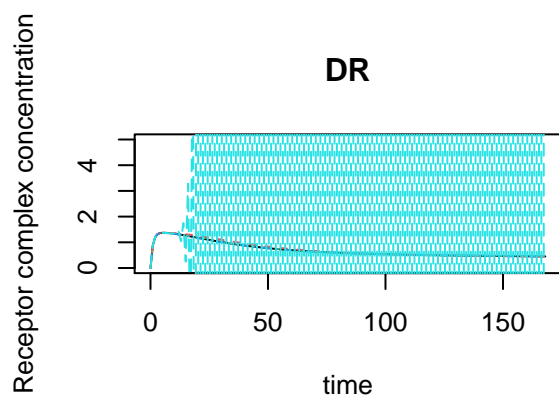
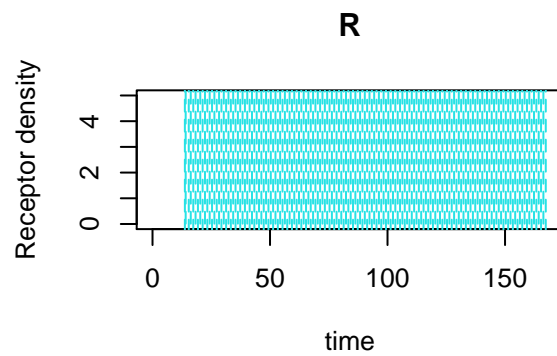
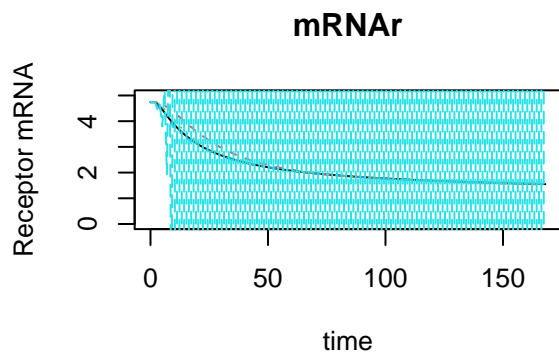


Formula when  $k_{s_r}$  is 0



This plot shows the model with the  $k_{s_r}$  parameter being 0. This parameter is the speedconstant of the GR mRNA synthese.





## Discussion