Model Expression glucorticoid repectors

CORTICOSTEROID PHARMACOGENOMICS **∏increased transcription** rotein binding decreased transcription diffusion Cytosol activation phosphorylation translocation dimerization **Nucleus** degradation **Target DNA** transcription transcription transcription transcription transcription mRNA BS mRNA **GR mRNA Enhanced mRNA** Inhibited mRNA translocation translocation translocation translocation translocation mRNA Enhanced mRNA BS mRNA GR mRNA Inhibited mRNA translation translation degradation degradation degradation degradation BS degradation degradation

Figure 1: image

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- Wouter Zeevat

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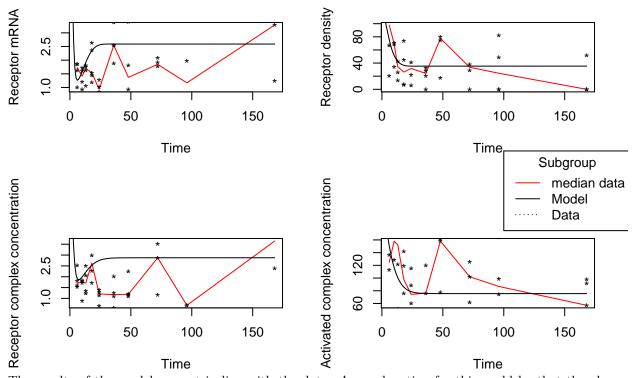
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Introduction

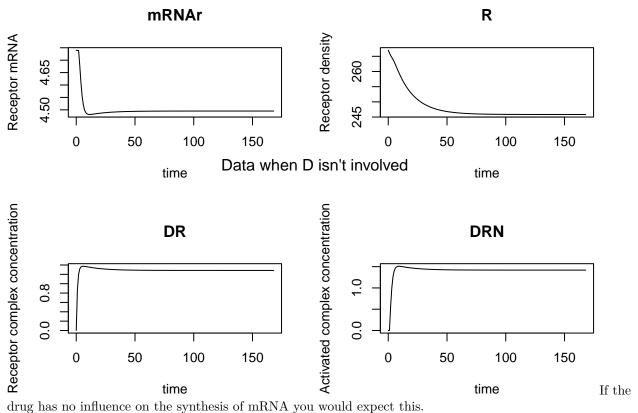
Materials & Methods

Results

Model VS actual data

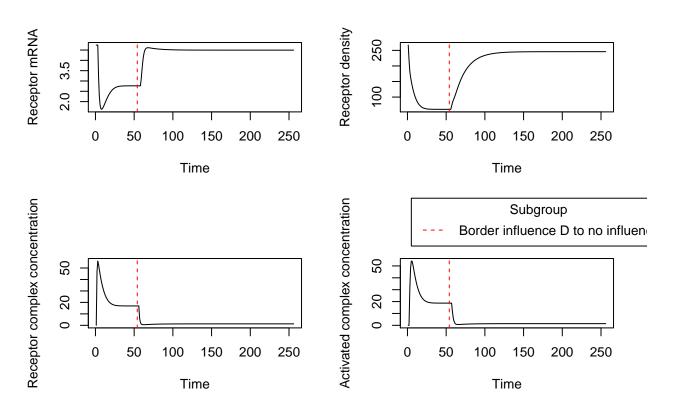


The results of the model are not in line with the data. An explanation for this could be that the glucose level in someone's body is constantly changing. Which could result in the lines shaking due to the glucose levels that are shaking too.

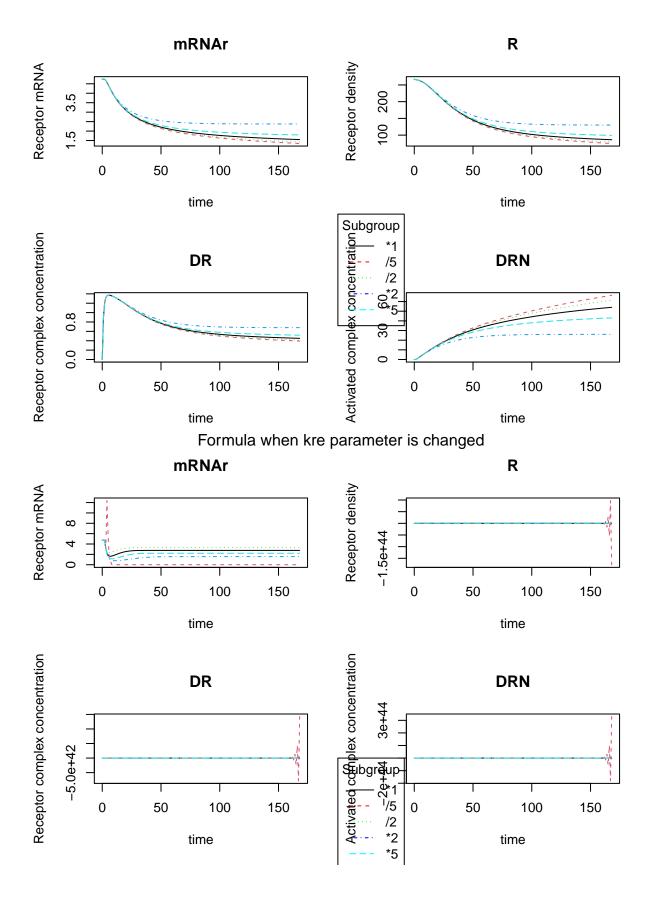


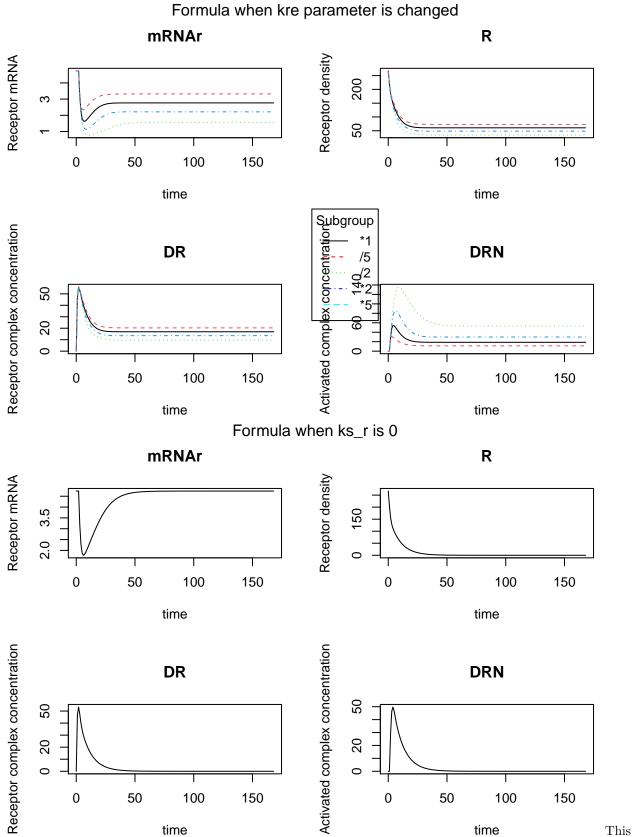
ing has no influence on the synthesis of inflivation would expect this.

Formula to formula when D has no influence

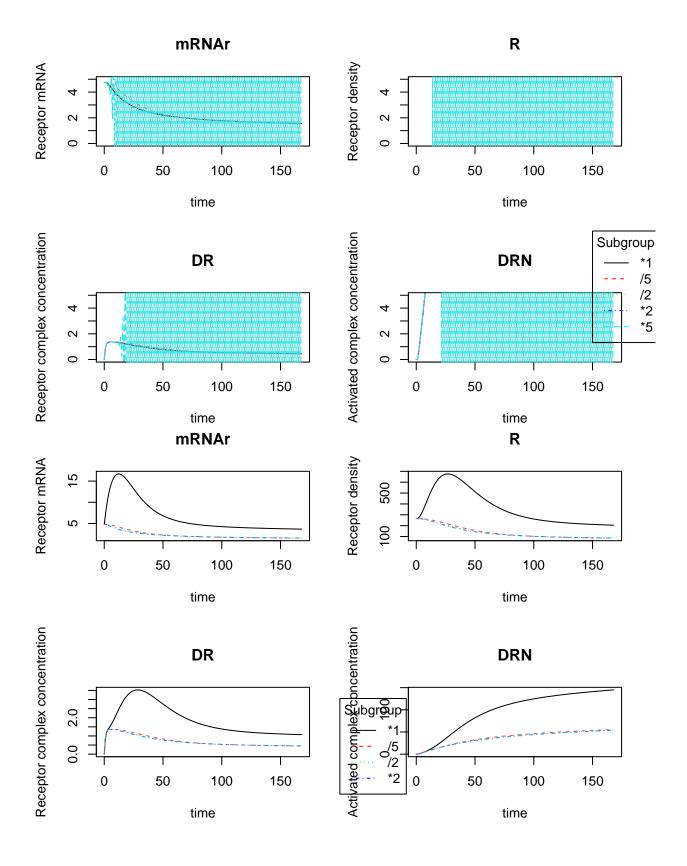


Warning in par(xpd = xpd): NAs introduced by coercion





plot shows the model with the ks_r parameter being 0. This prameter is the speedconstant of the GR mRNA synthese.



Discussion