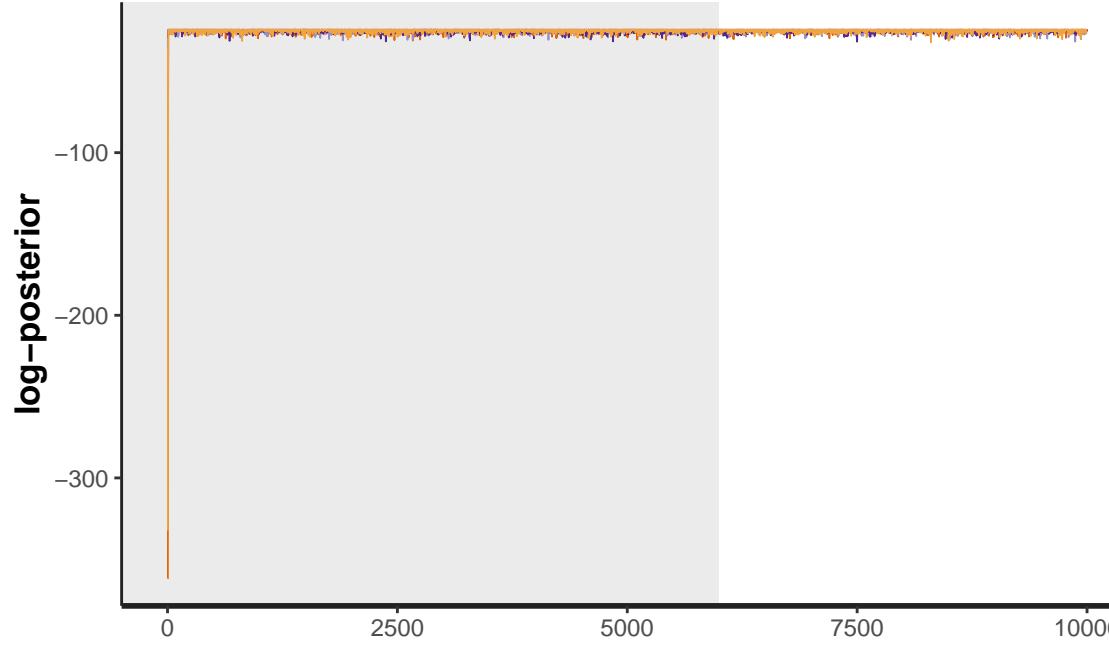
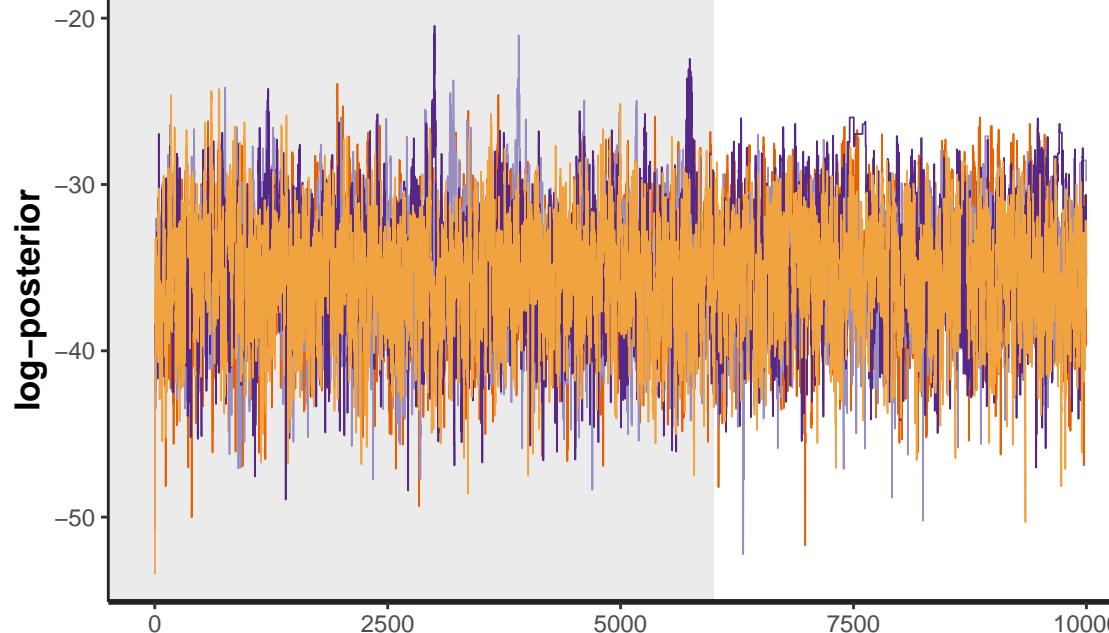


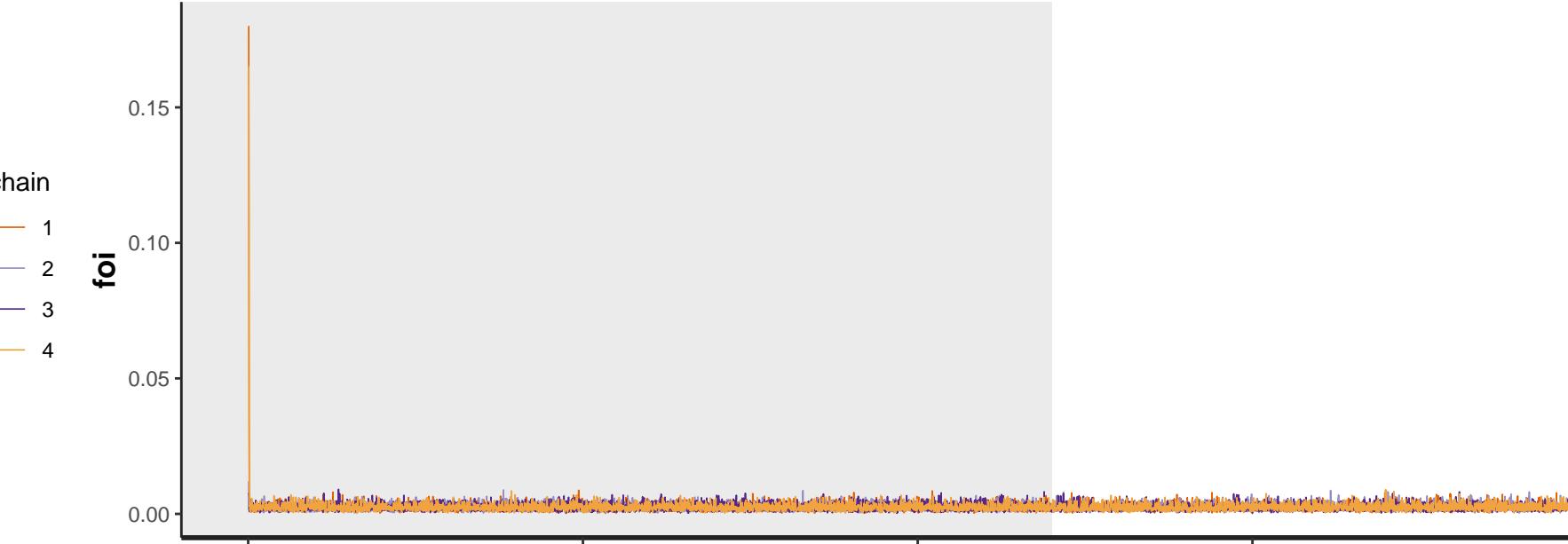
MADV Mercadeo (constant model)



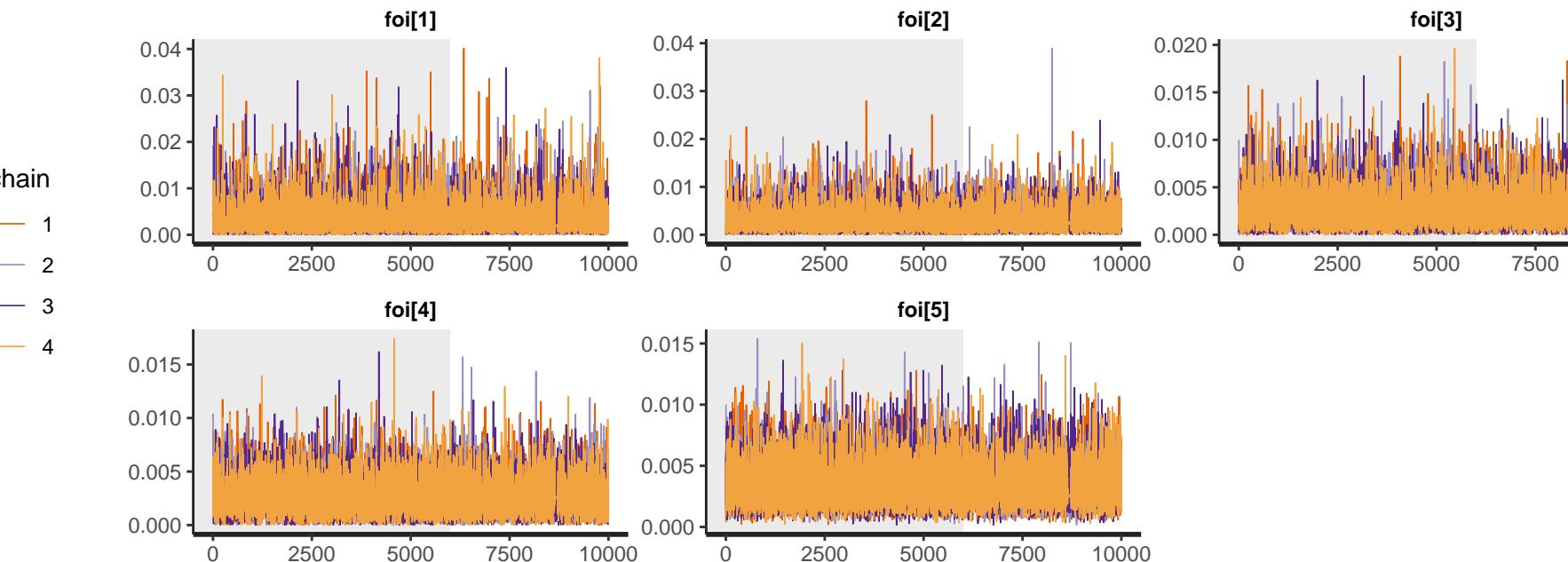
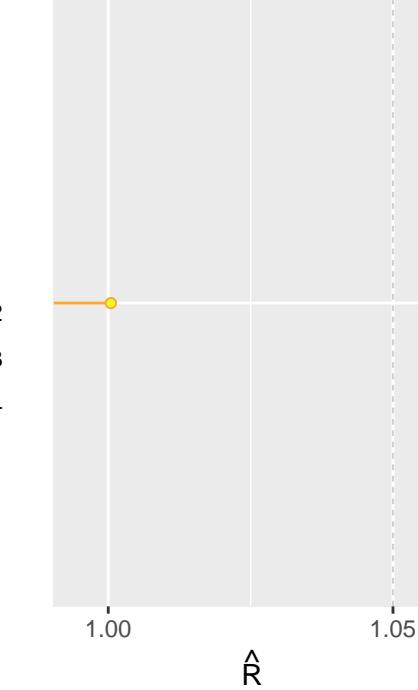
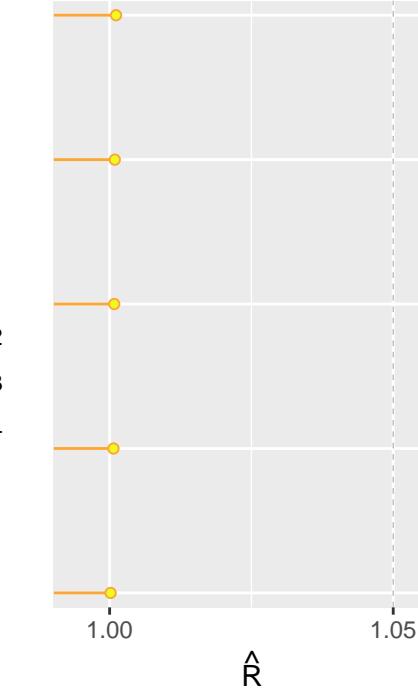
MADV Mercadeo (time\_varying model)



params

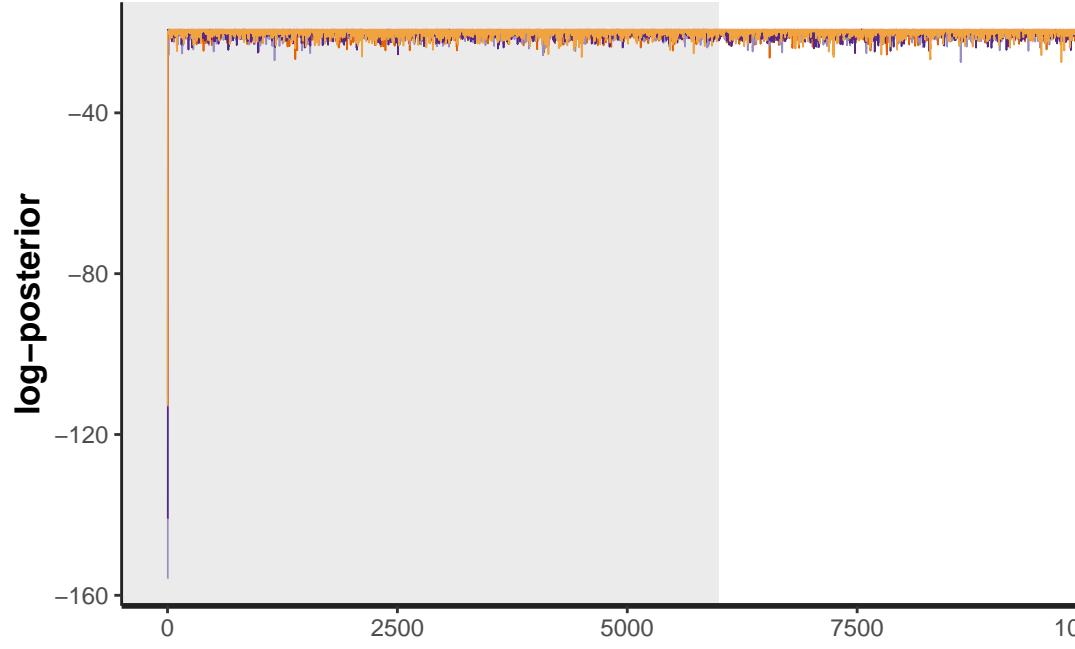


params

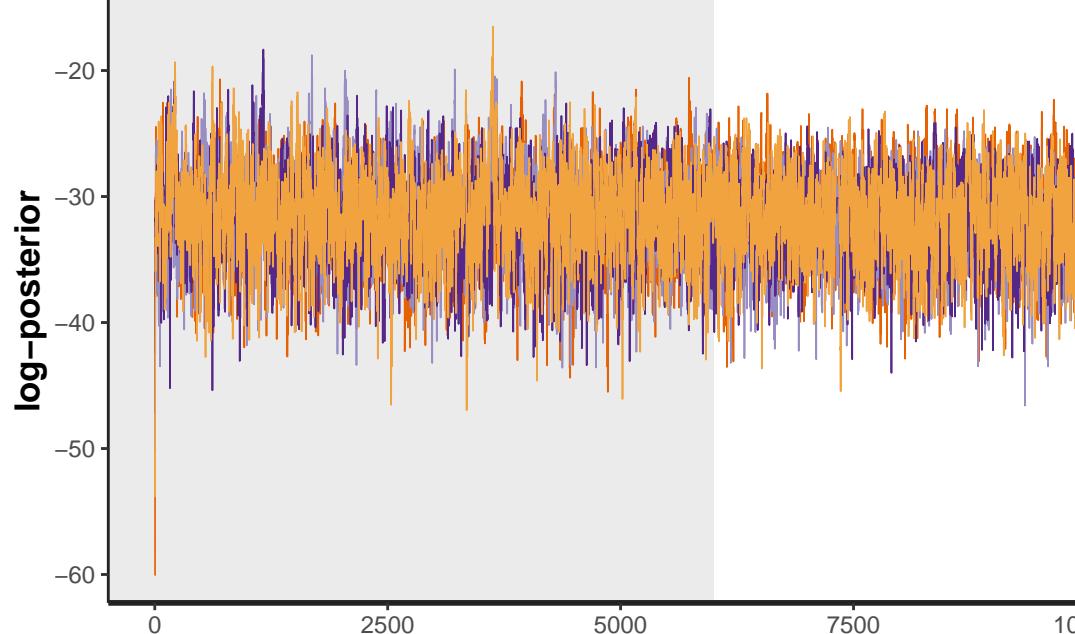
 $\hat{R}^A$  $\hat{R}^A$ 

$\hat{R} \leq 1.05$   
 $\hat{R} \leq 1.1$   
 $\hat{R} > 1.1$

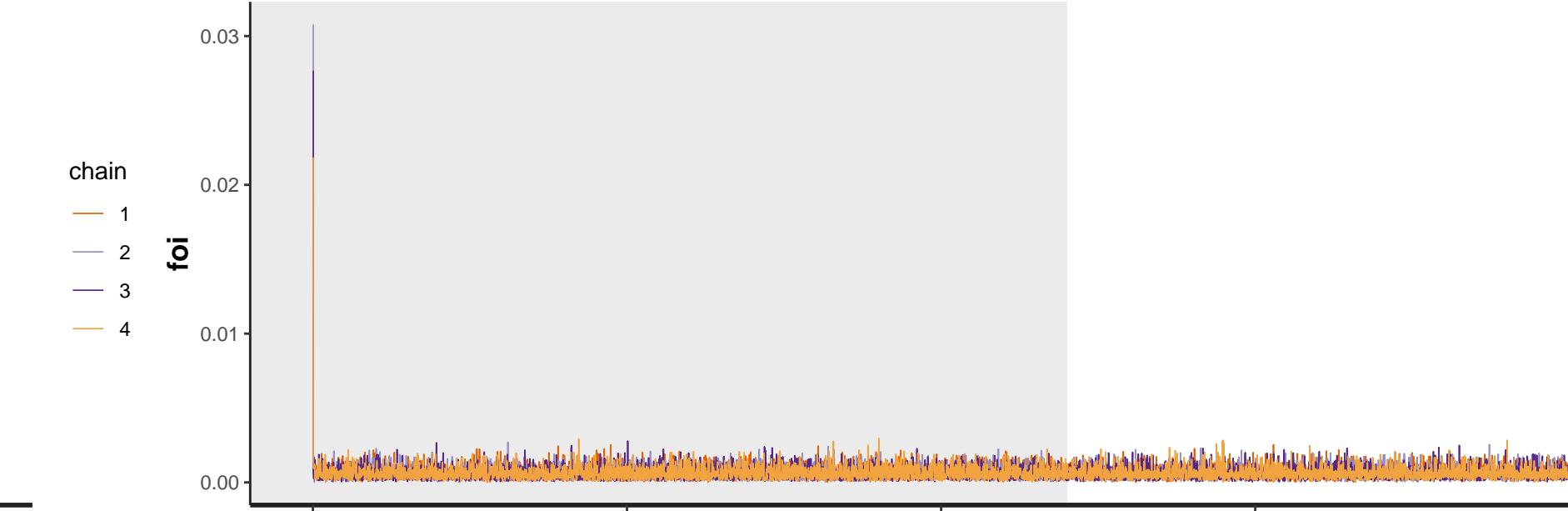
MADV Tamarindo (constant model)



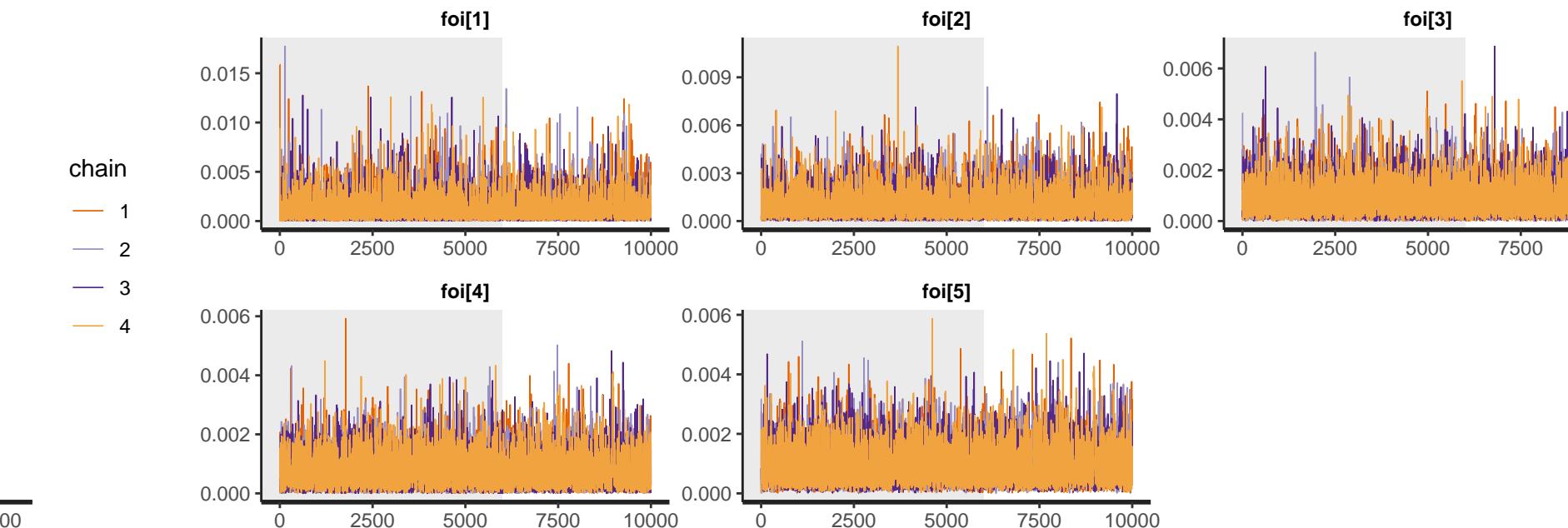
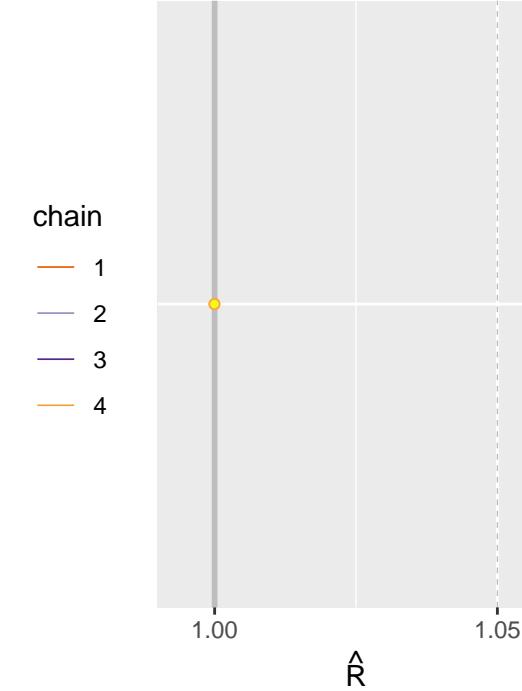
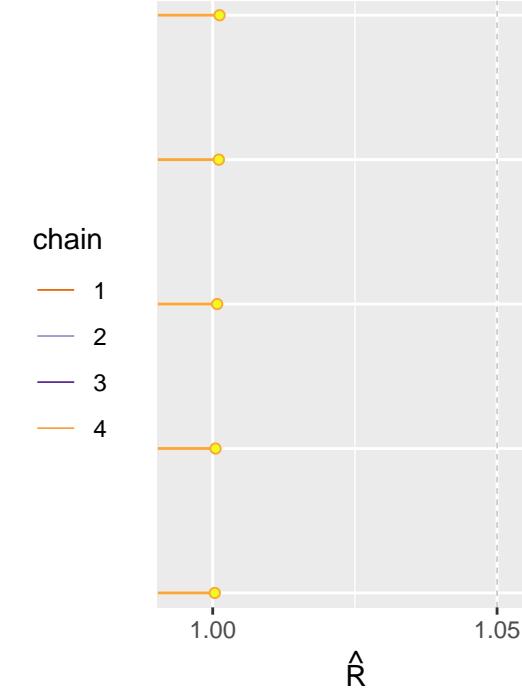
MADV Tamarindo (time\_varying model)



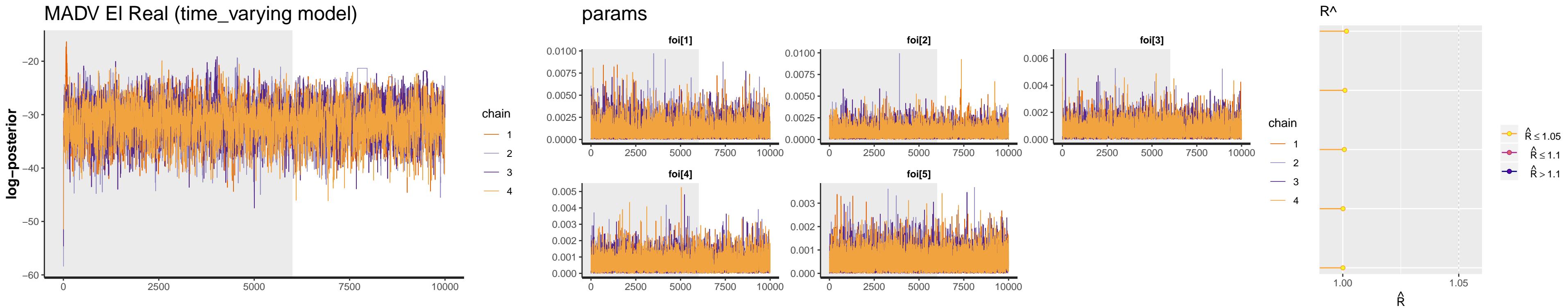
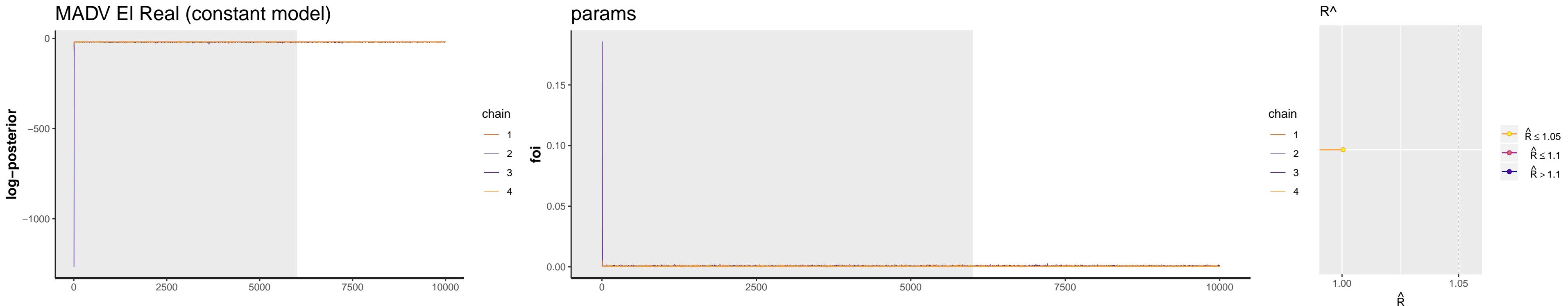
params



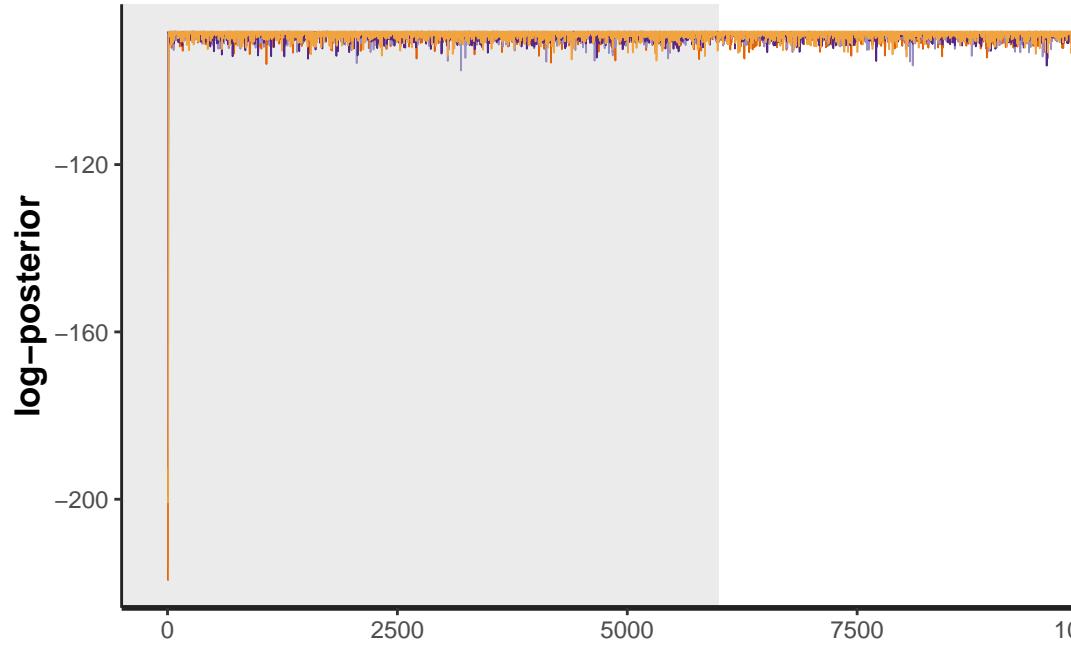
params

 $\hat{R}^A$  $\hat{R}^A$ 

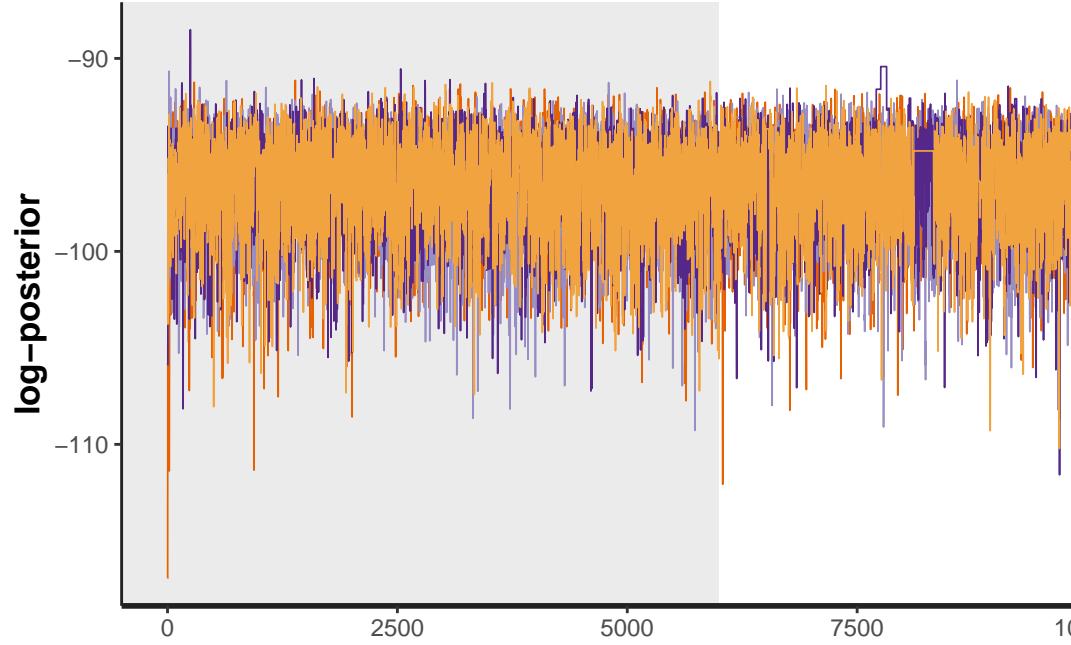
$\hat{R} \leq 1.05$
$\hat{R} \leq 1.1$
$\hat{R} > 1.1$



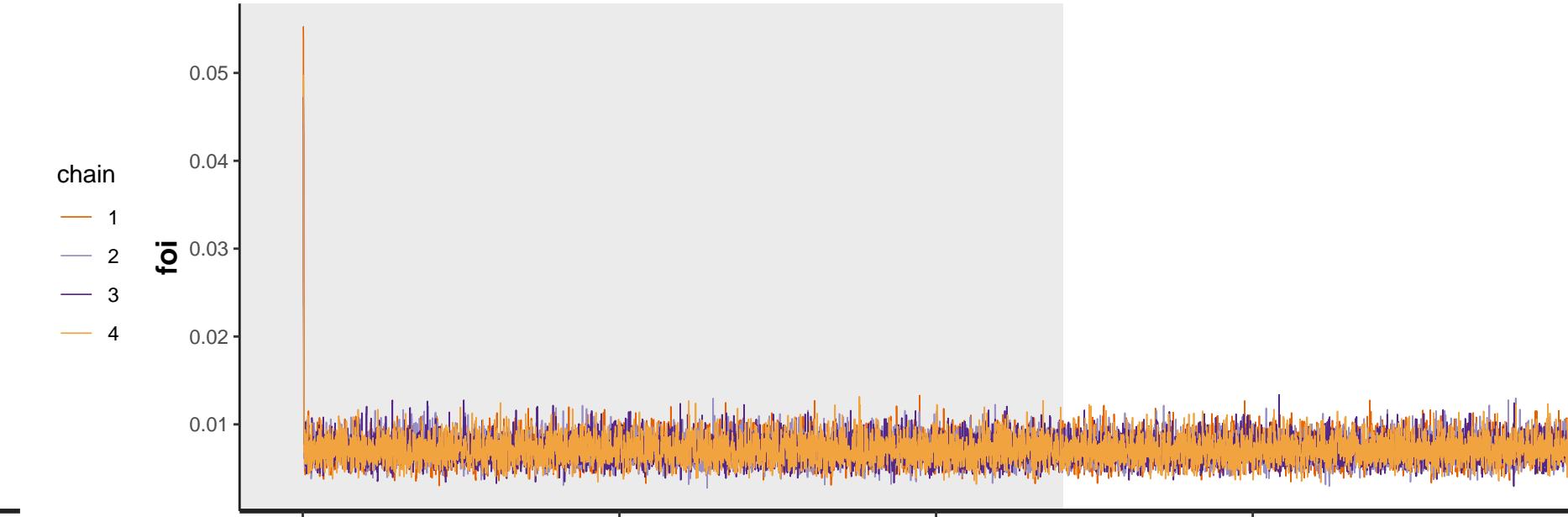
### MADV Aruza (constant model)



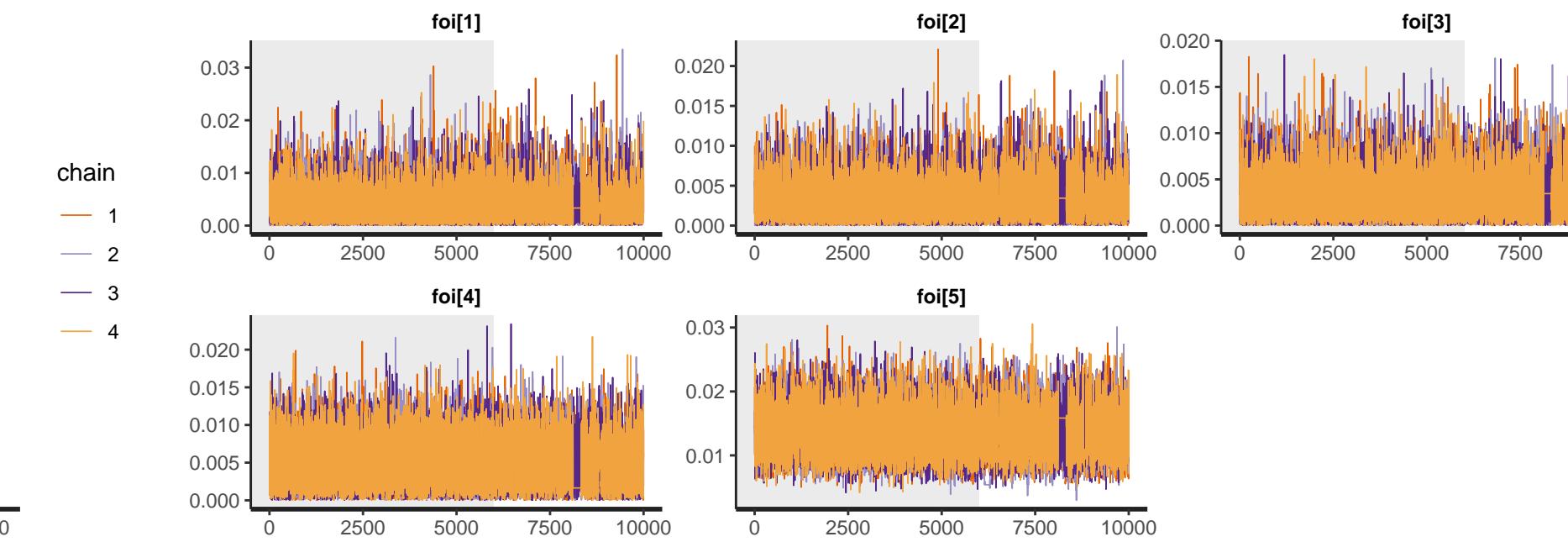
### MADV Aruza (time\_varying model)



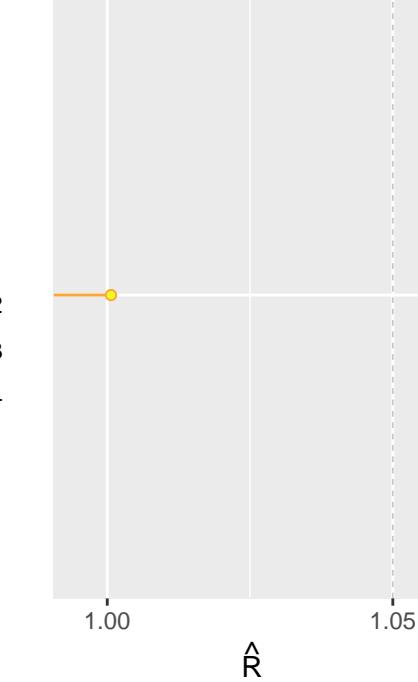
### params



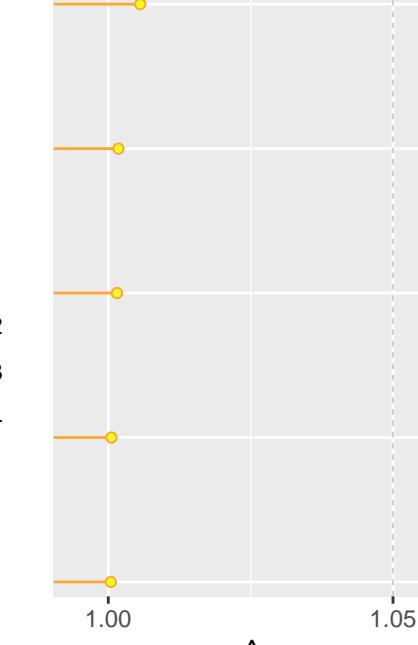
### params



### R<sup>A</sup>

 $\hat{R}$ 

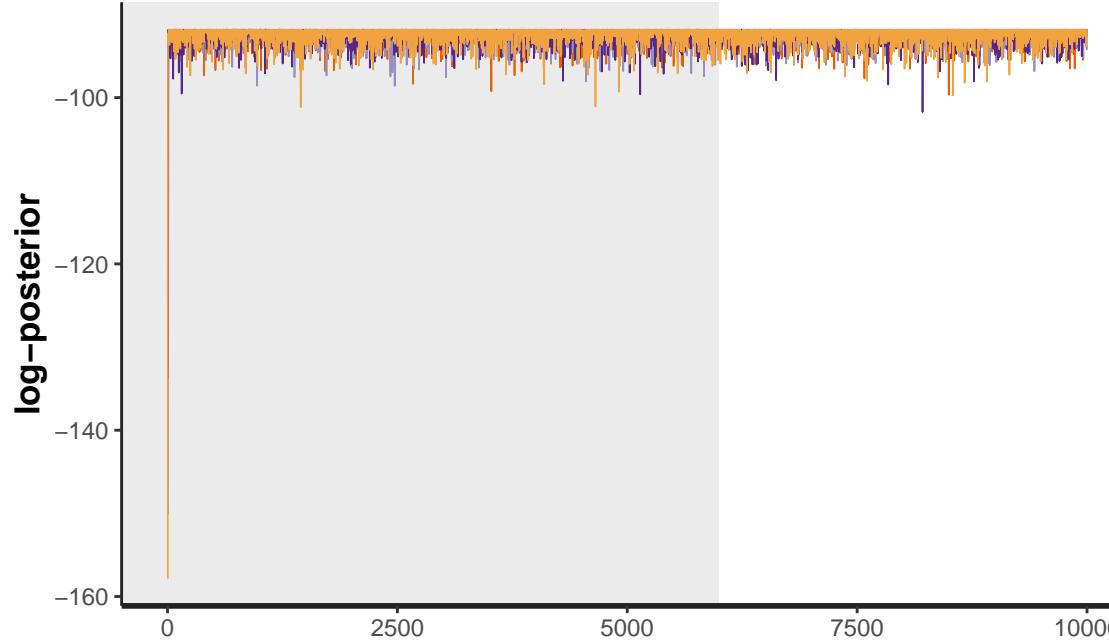
### R<sup>A</sup>

 $\hat{R}$ 

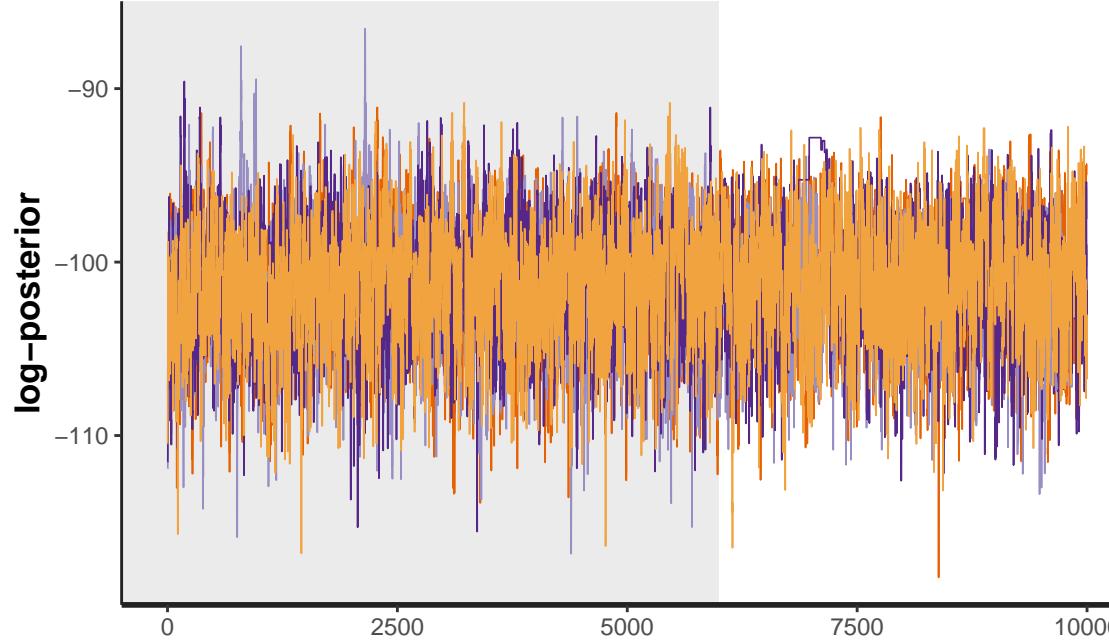
Legend:

- $\hat{R} \leq 1.05$  (orange circle)
- $\hat{R} \leq 1.1$  (purple circle)
- $\hat{R} > 1.1$  (blue circle)

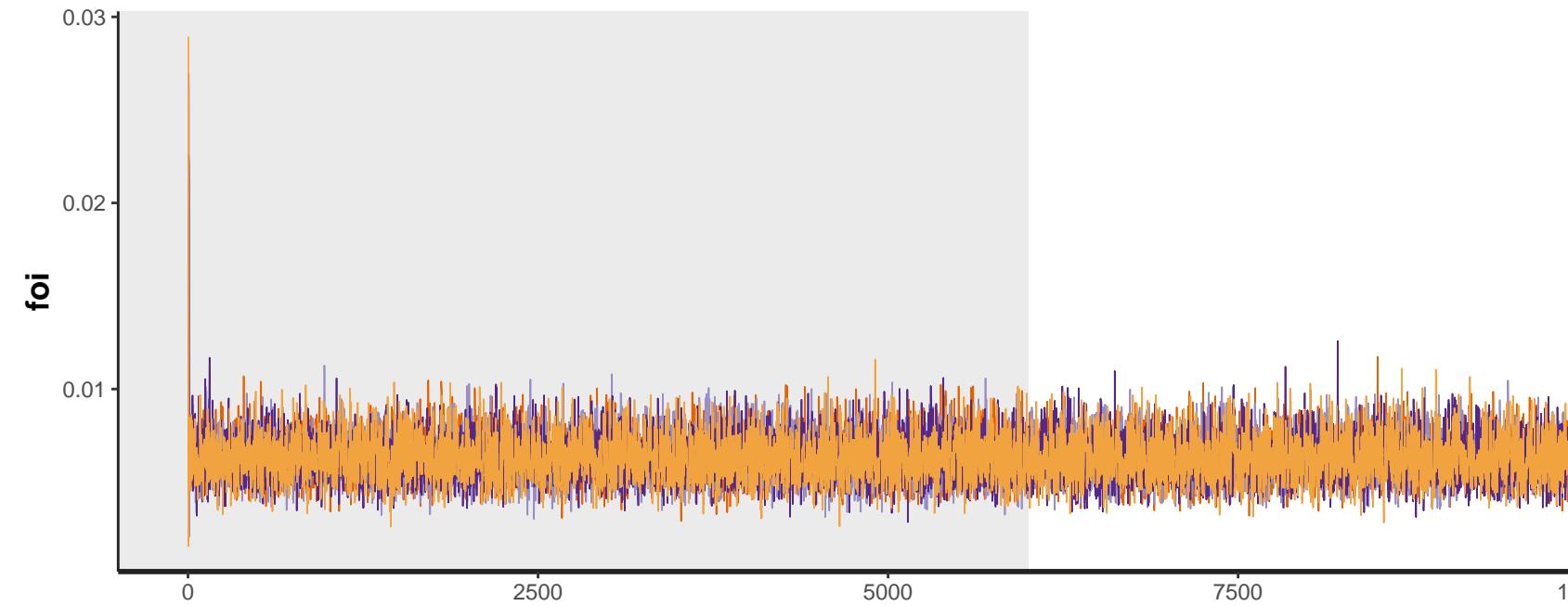
### MADV Mogue (constant model)



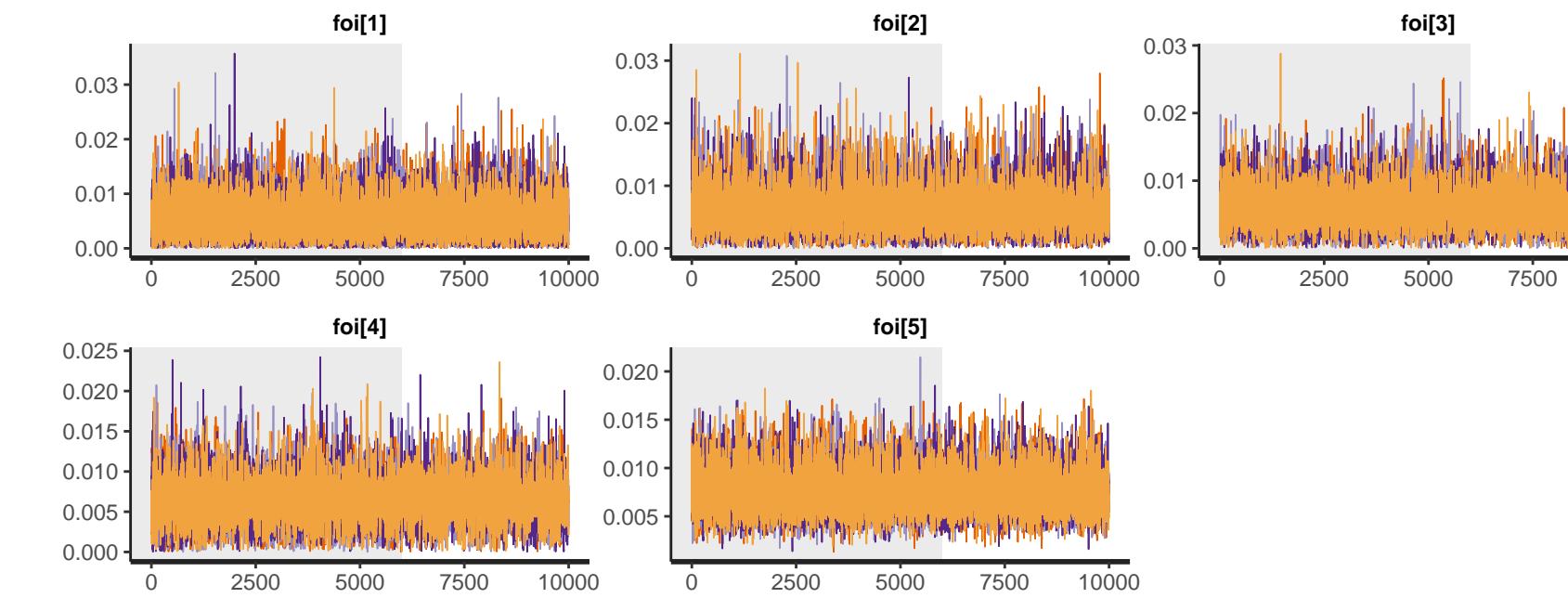
### MADV Mogue (time\_varying model)



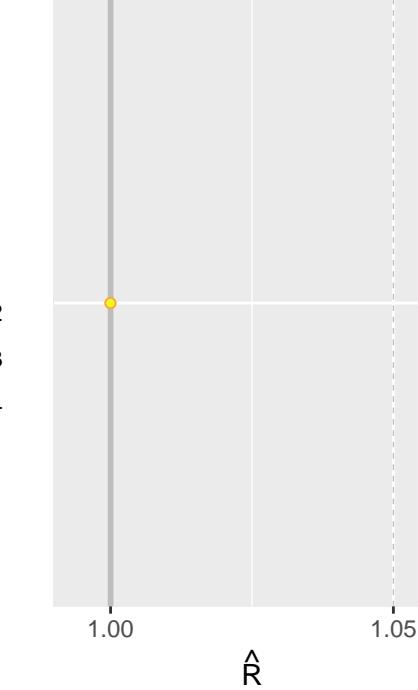
### params



### params

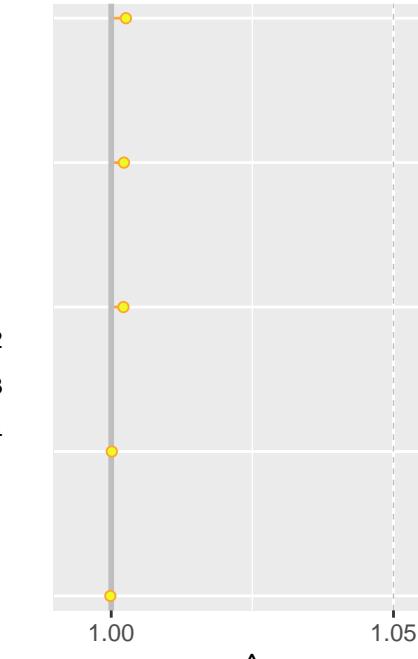


### R<sup>A</sup>



$\hat{R}$

### R<sup>A</sup>



$\hat{R}$

$\hat{R} \leq 1.05$   
 $\hat{R} \leq 1.1$   
 $\hat{R} > 1.1$