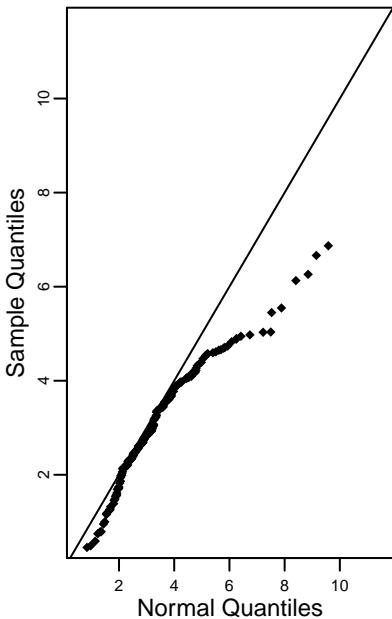
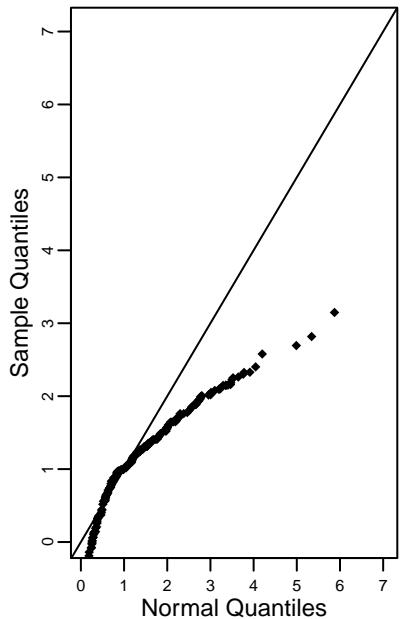
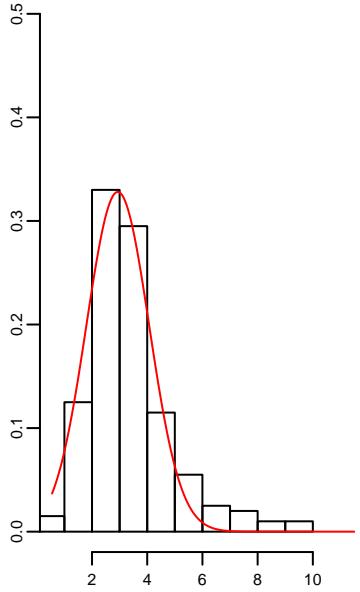
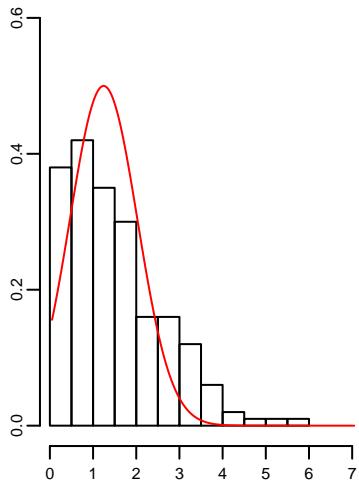
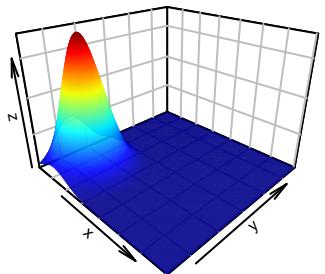


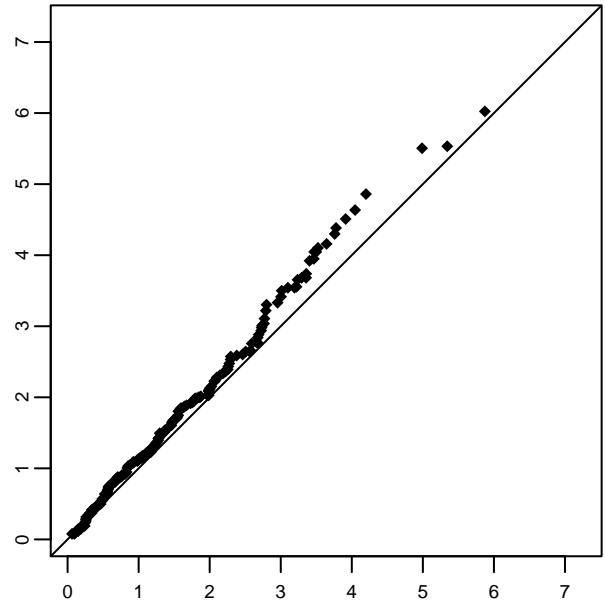
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Estimator

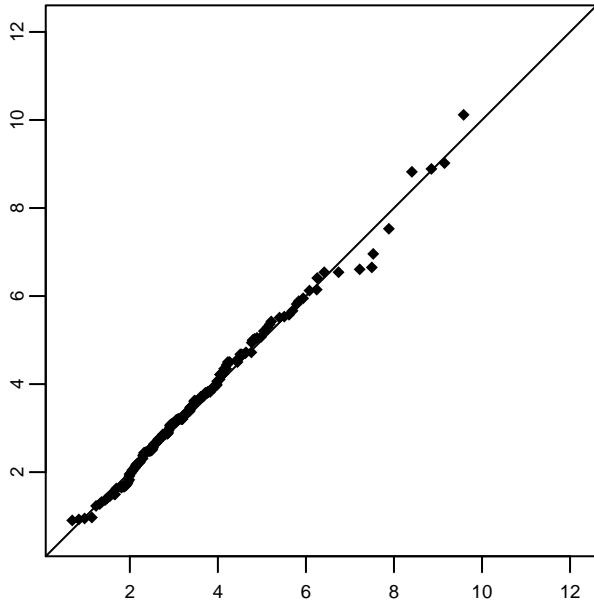


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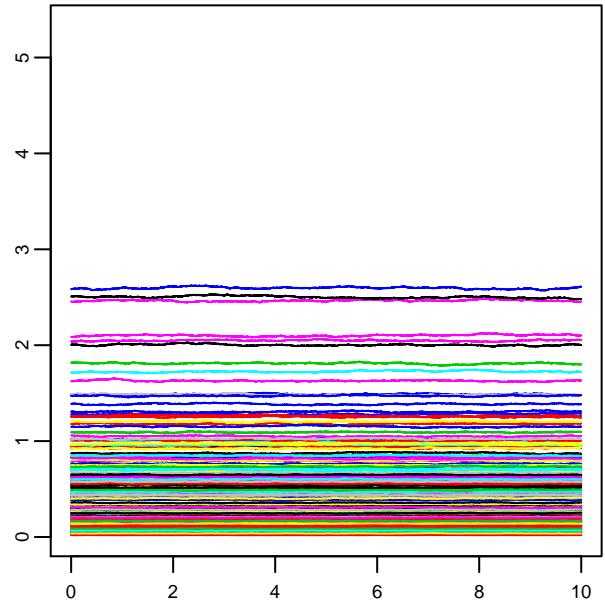
**First random effect**



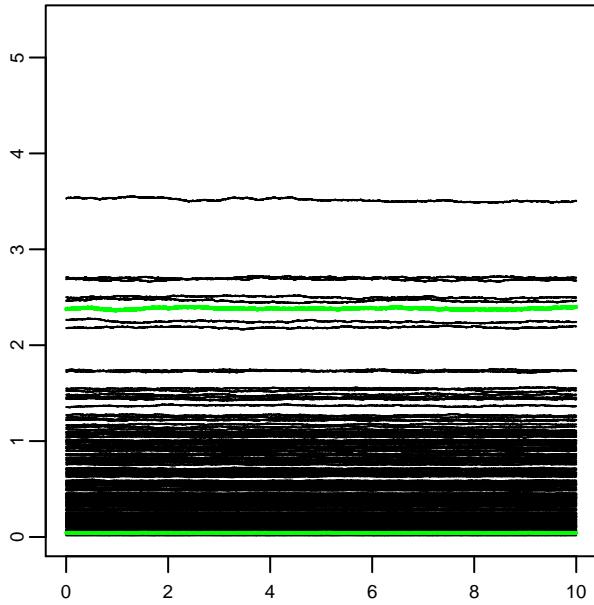
**Second random effect**



**True trajectories**

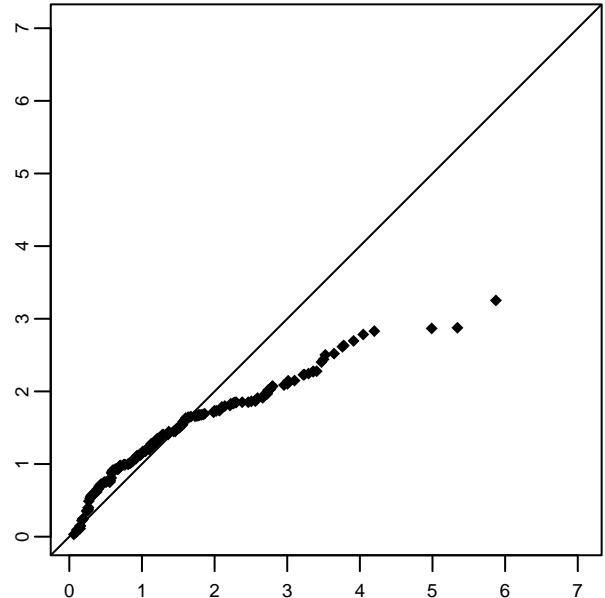


**Predictive trajectories**

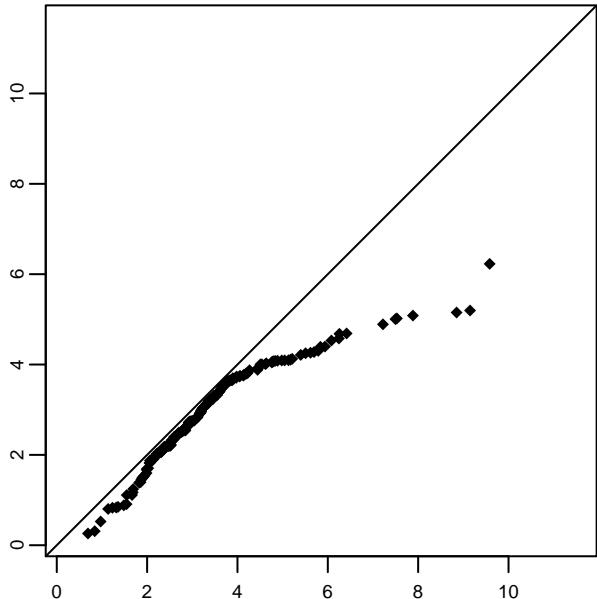


help("mixedsde-package")

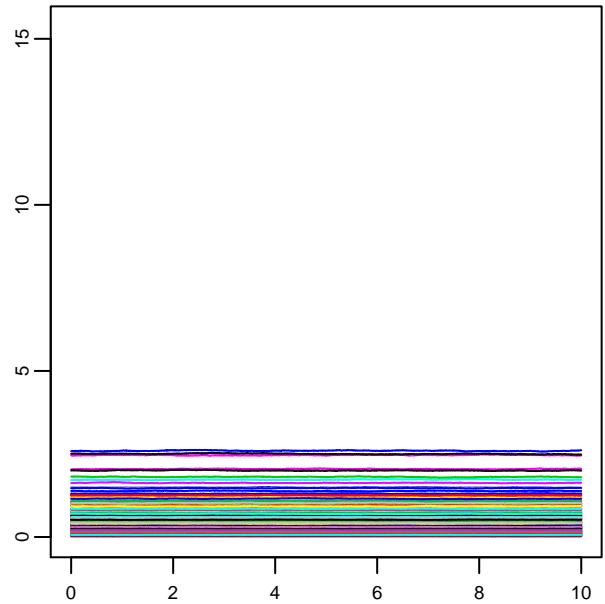
**First random effect**



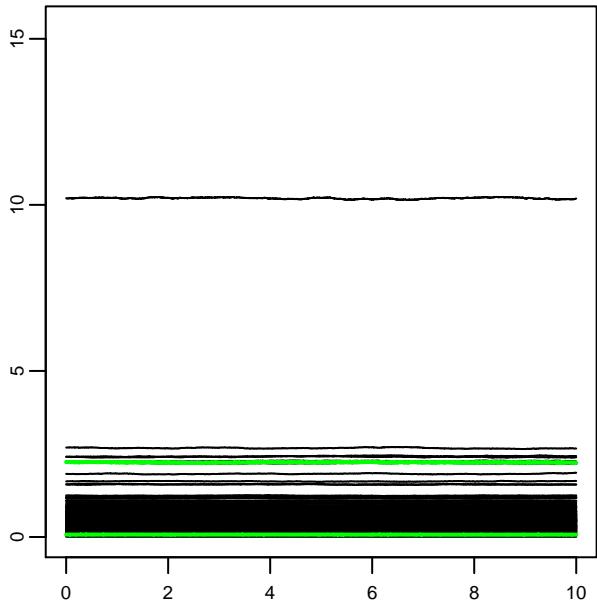
**Second random effect**



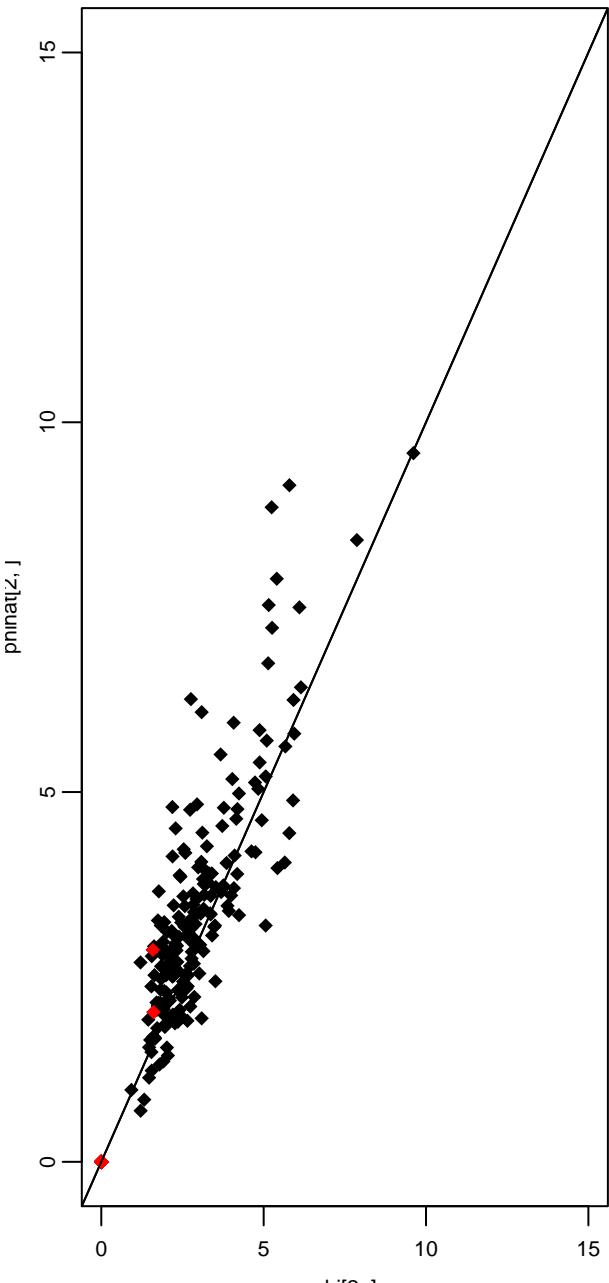
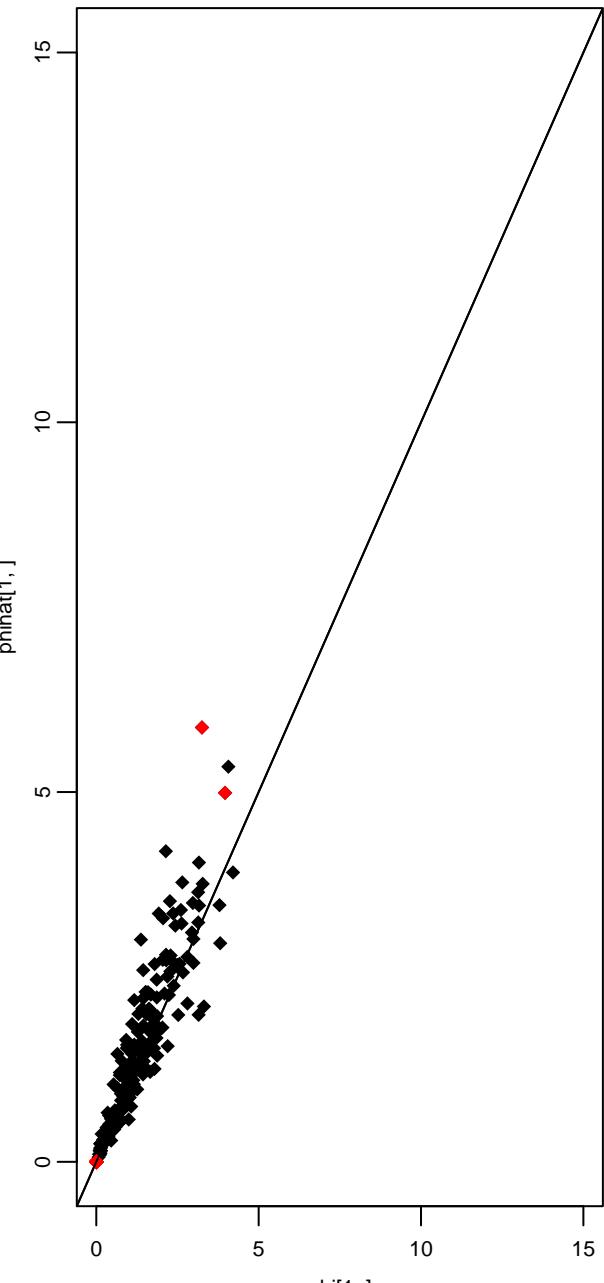
**True trajectories**



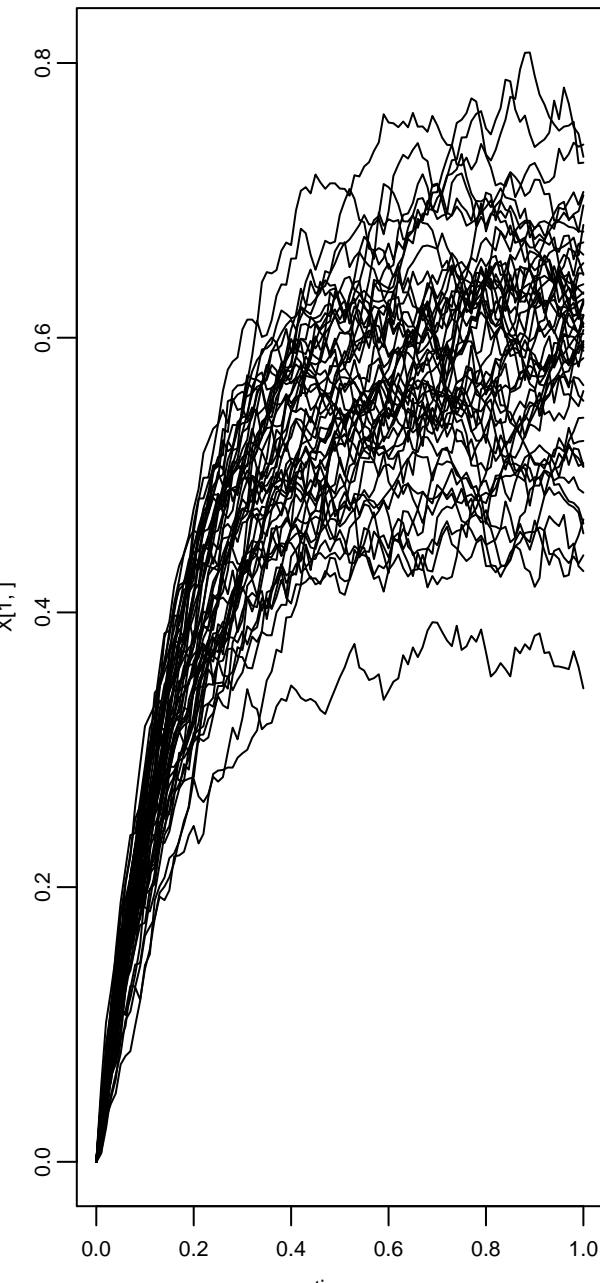
**Predictive trajectories**

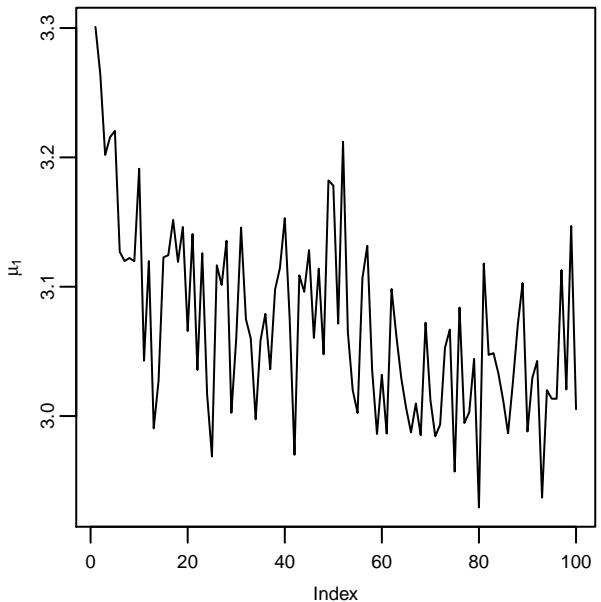
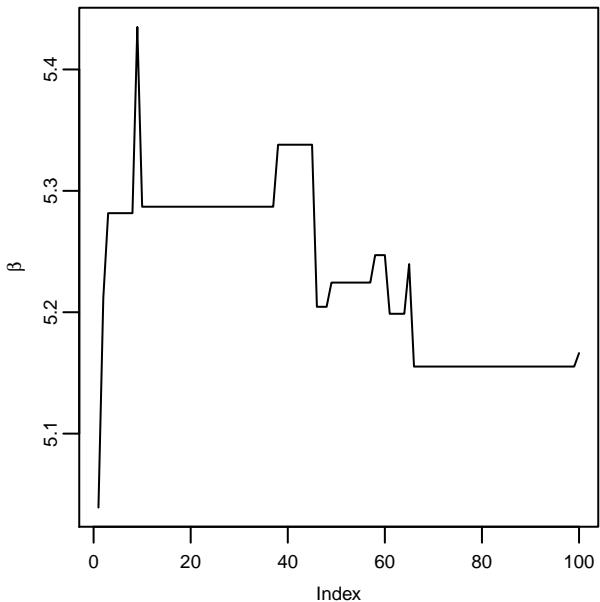
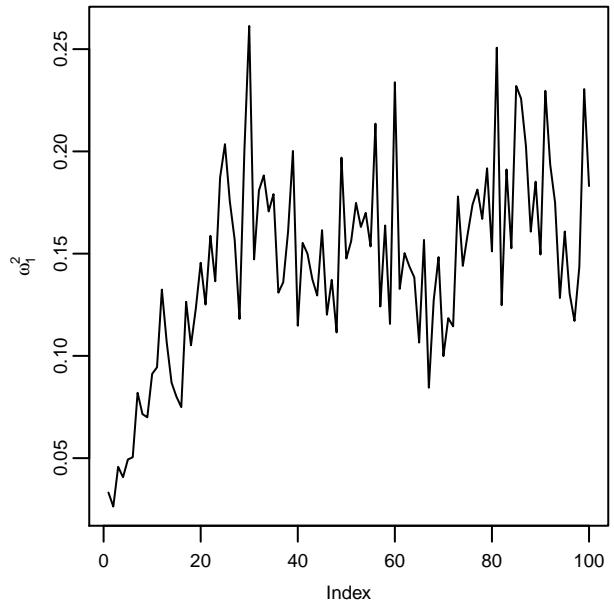
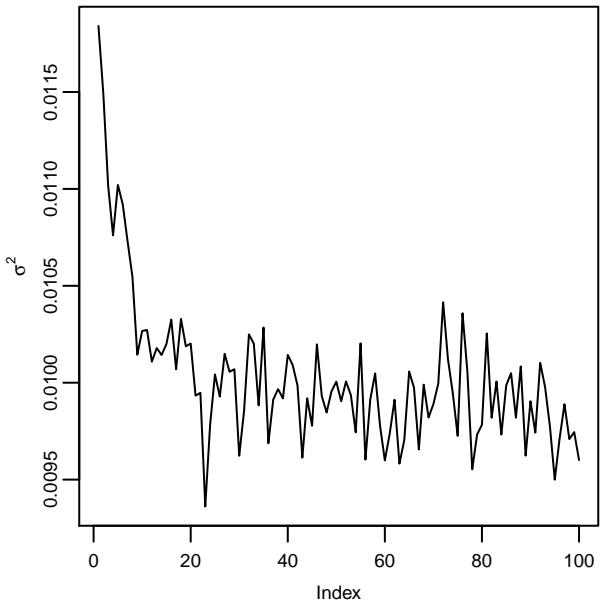


help("mixedsde-package")

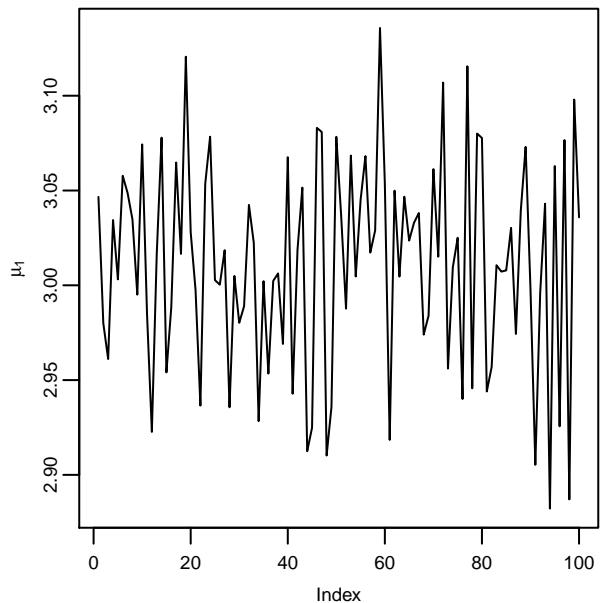
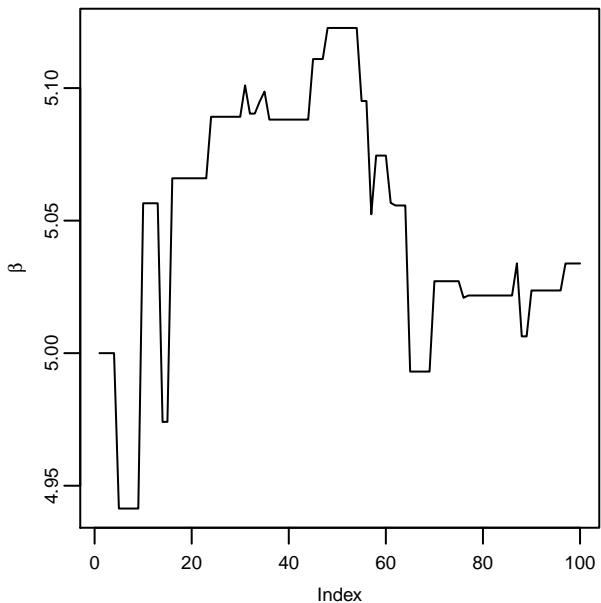
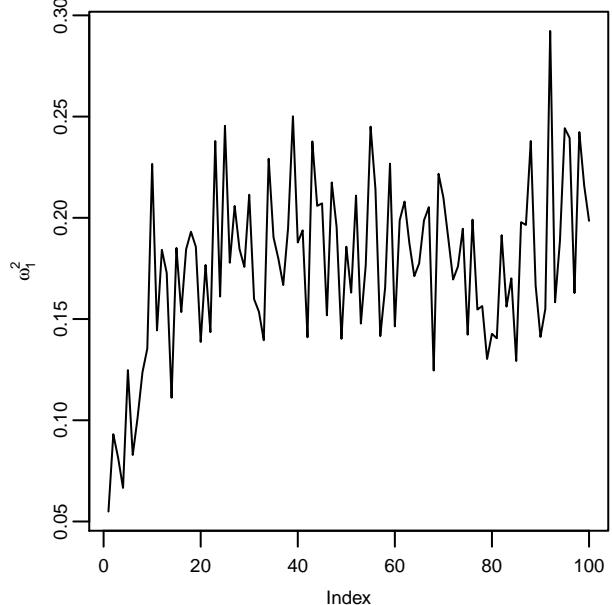
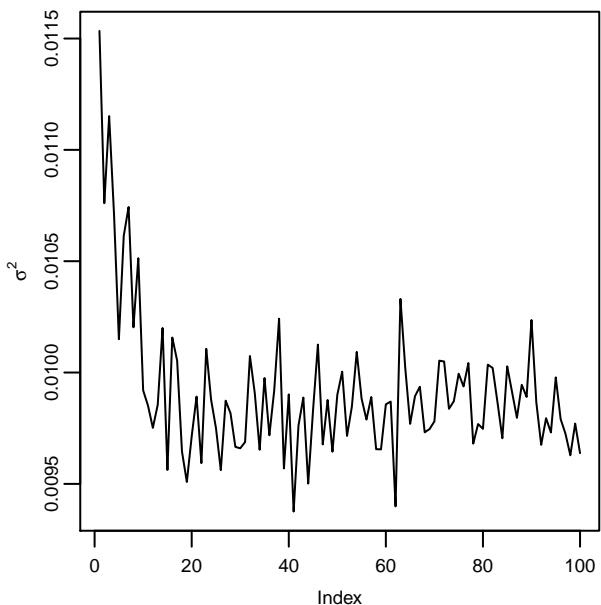


help("mixedsde-package")



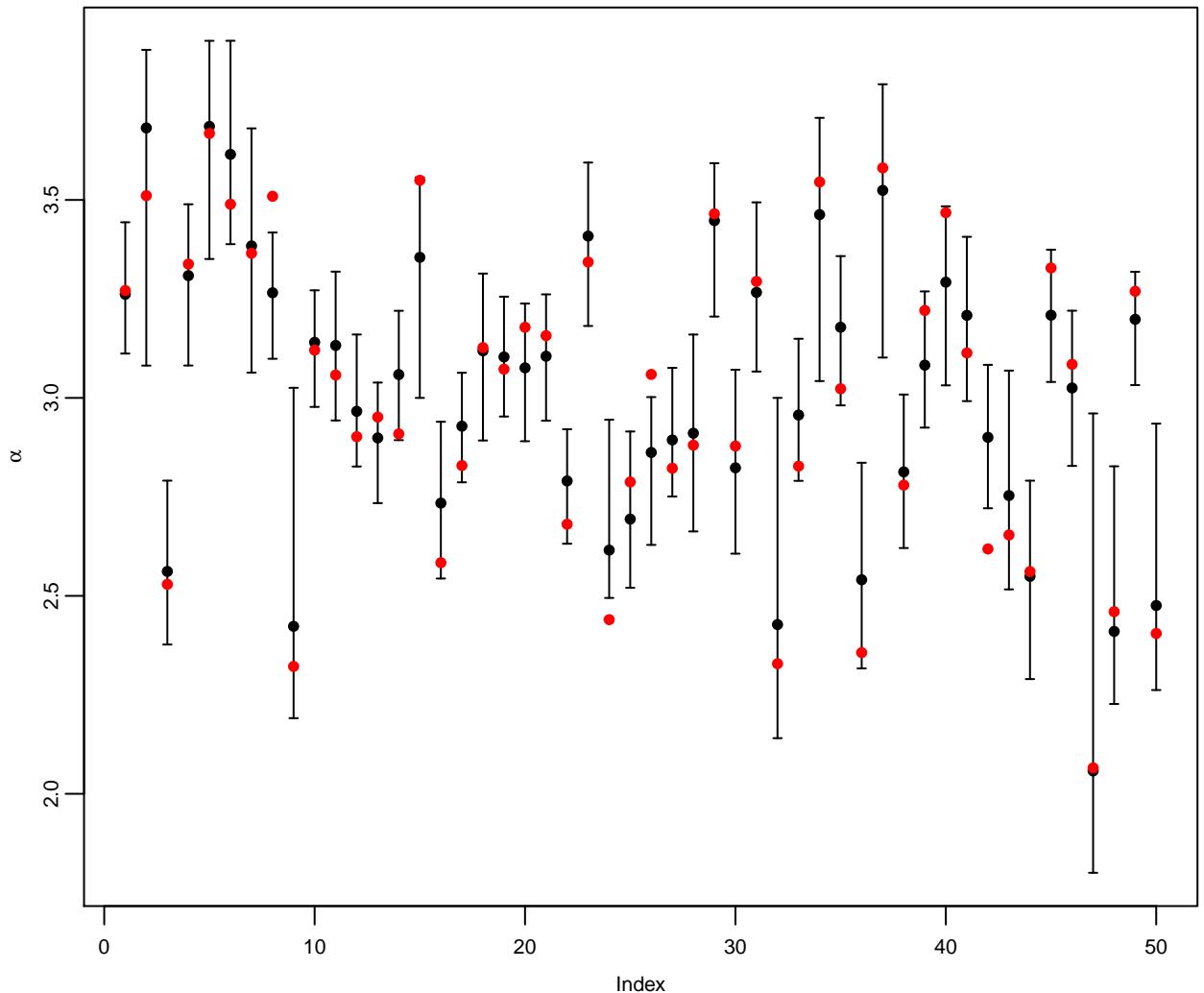
**Markov Chain****Markov Chain****Markov Chain****Markov Chain**

help("mixedsde-package")

**Markov Chain****Markov Chain****Markov Chain****Markov Chain**

help("mixedsde-package")

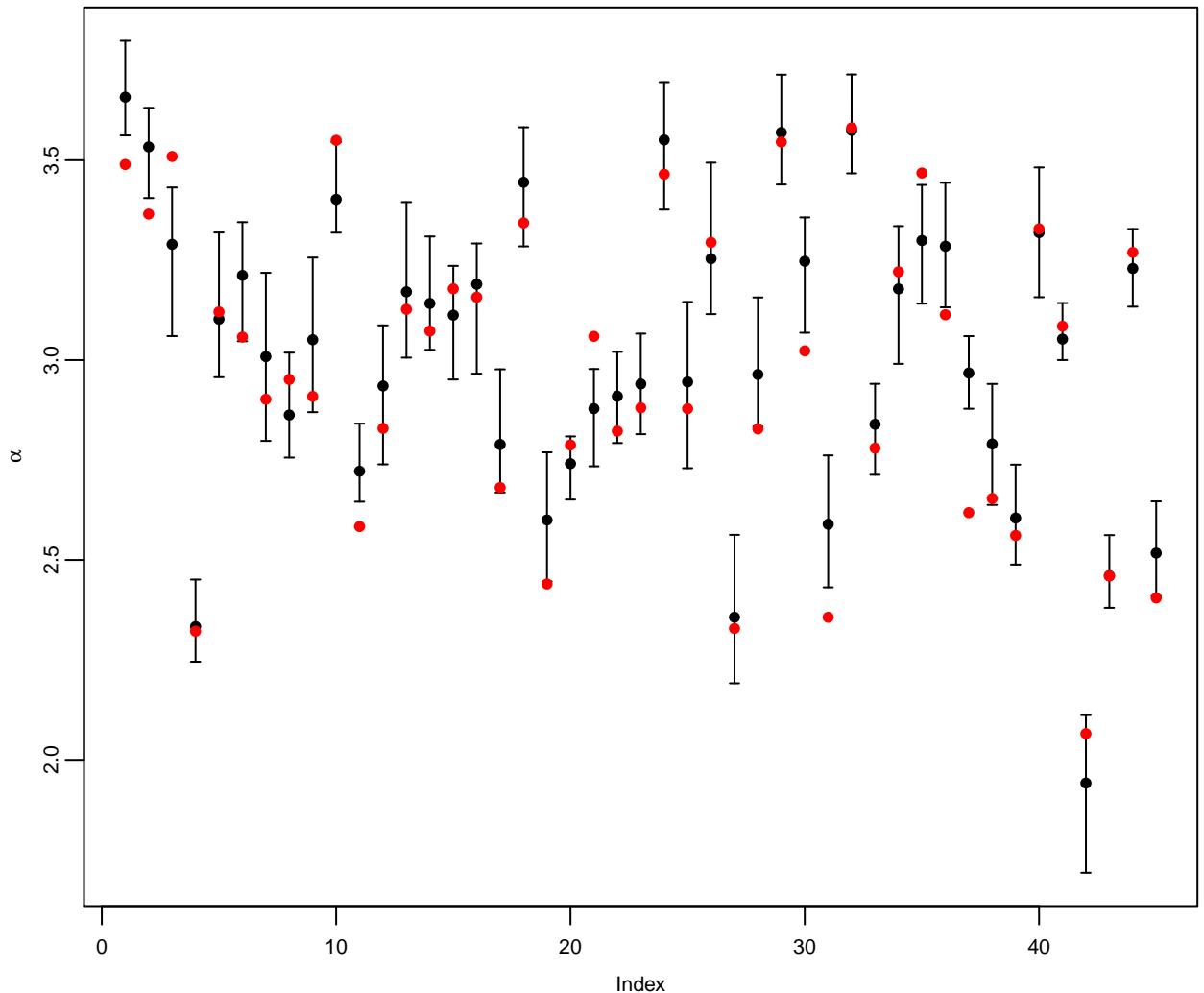
### credibility intervals



— credibility interval   •   posterior mean   •   true values

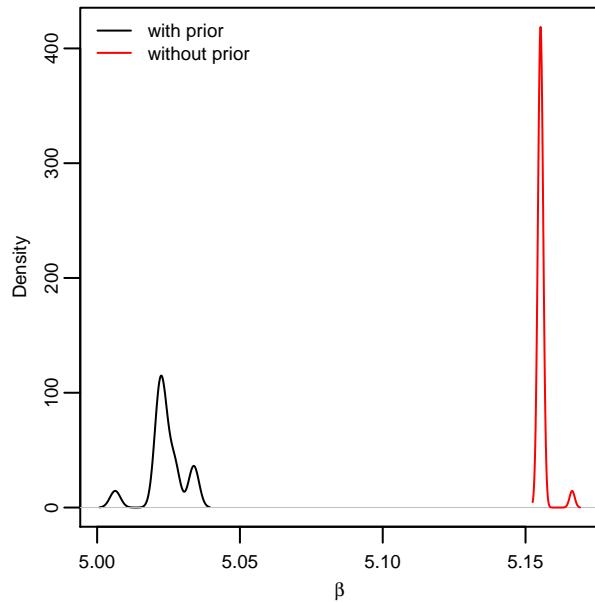
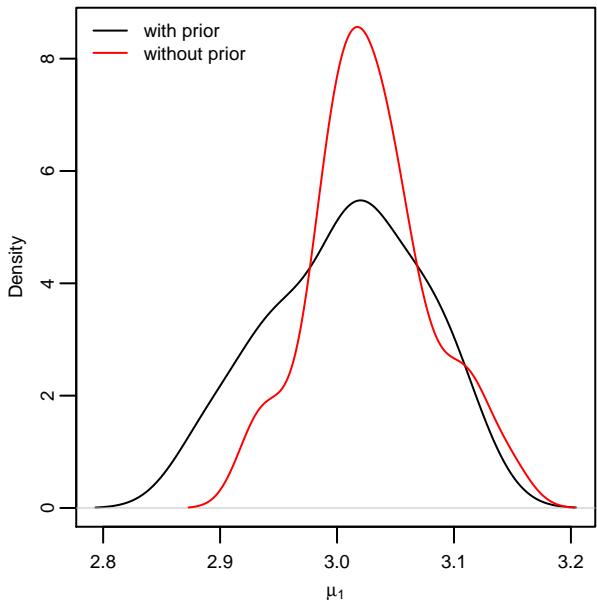
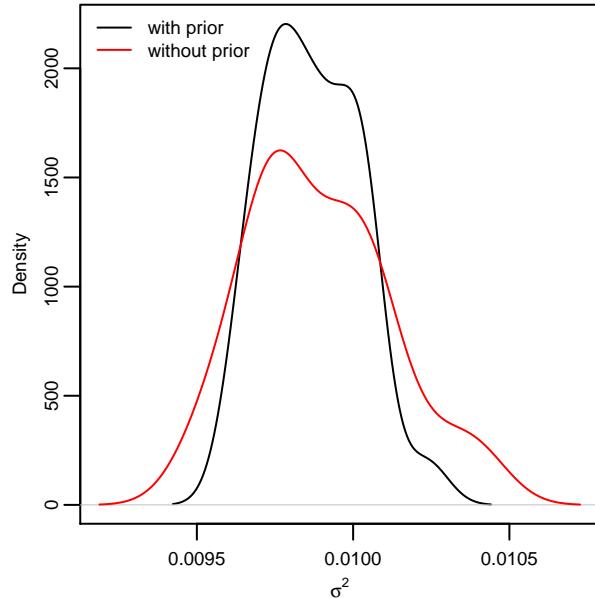
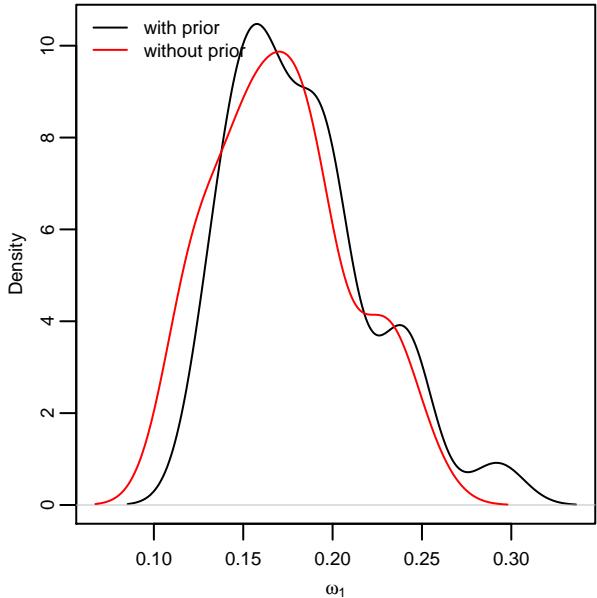
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### credibility intervals

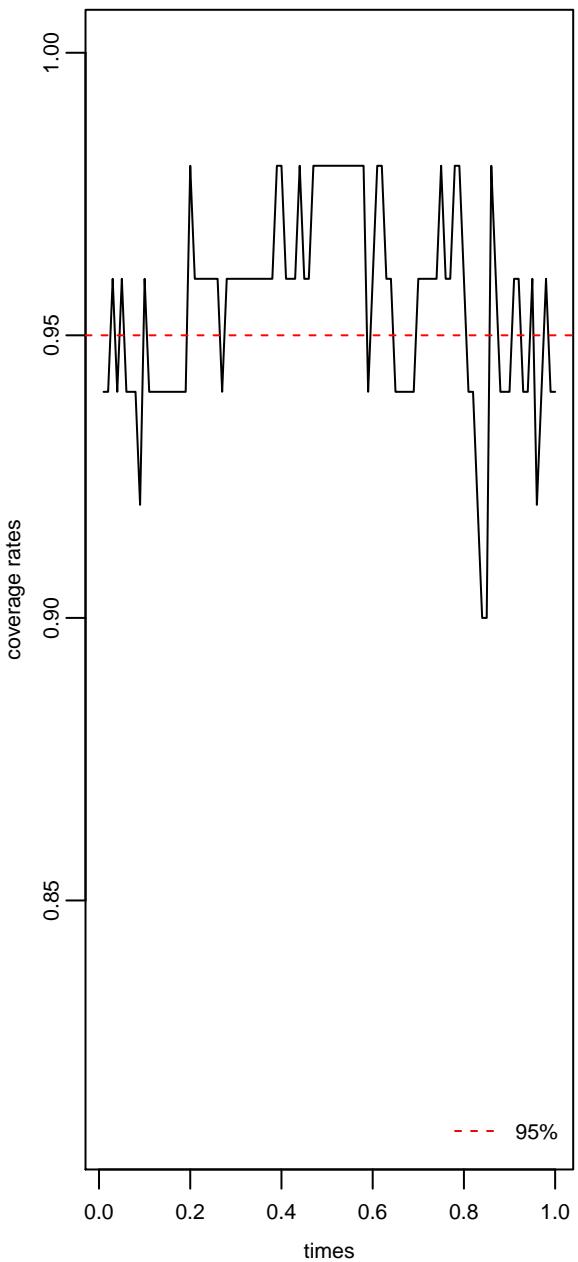
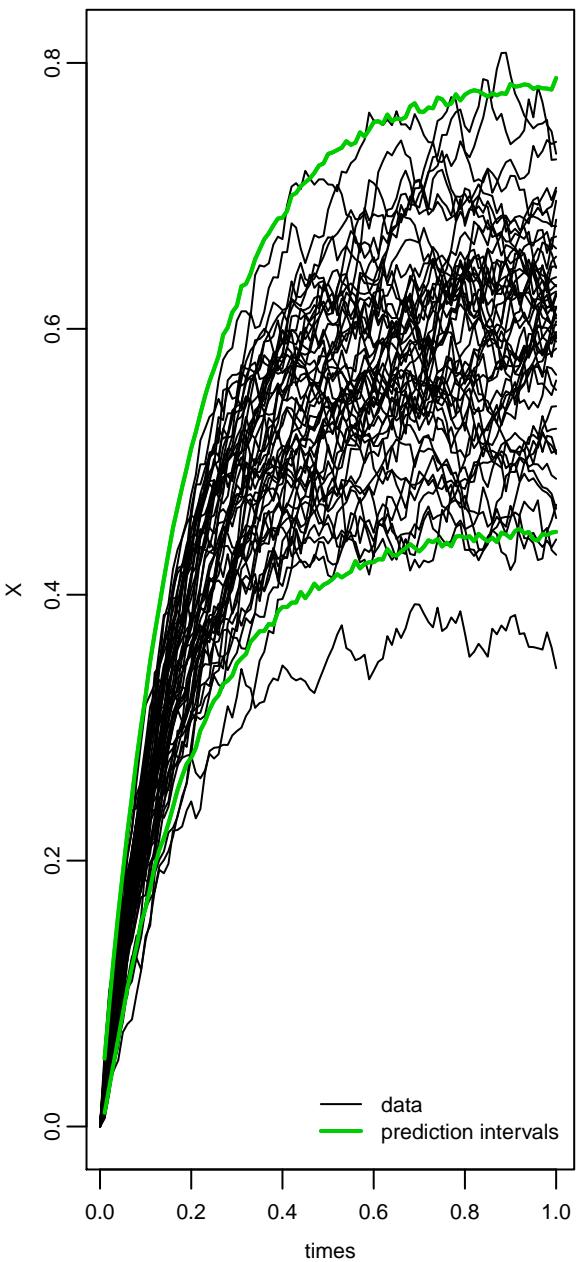


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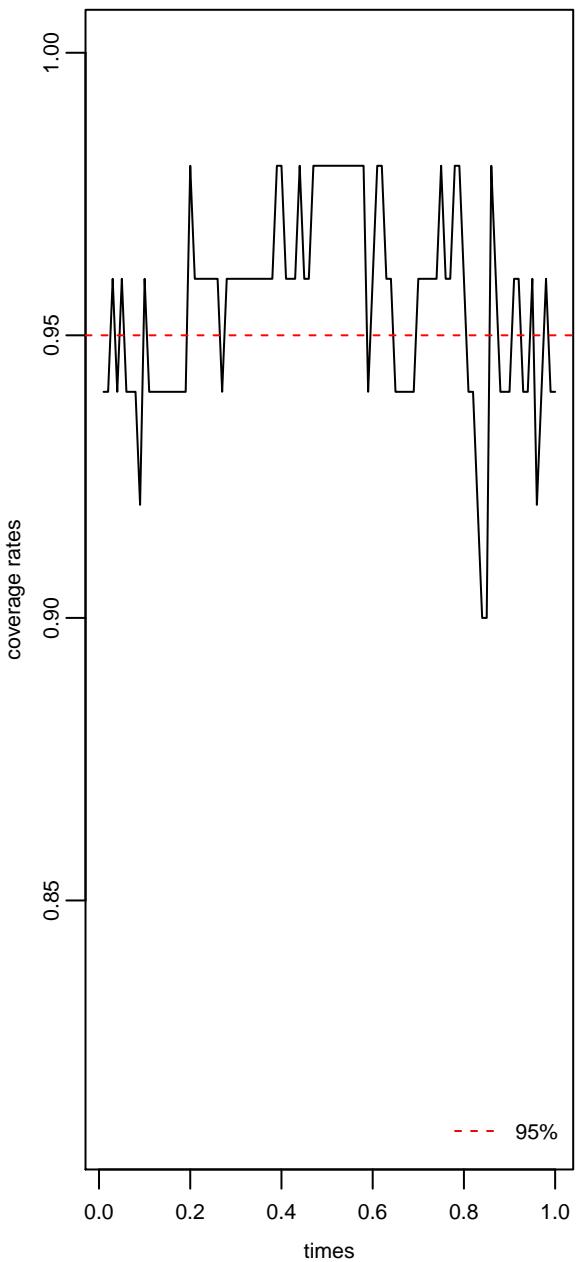
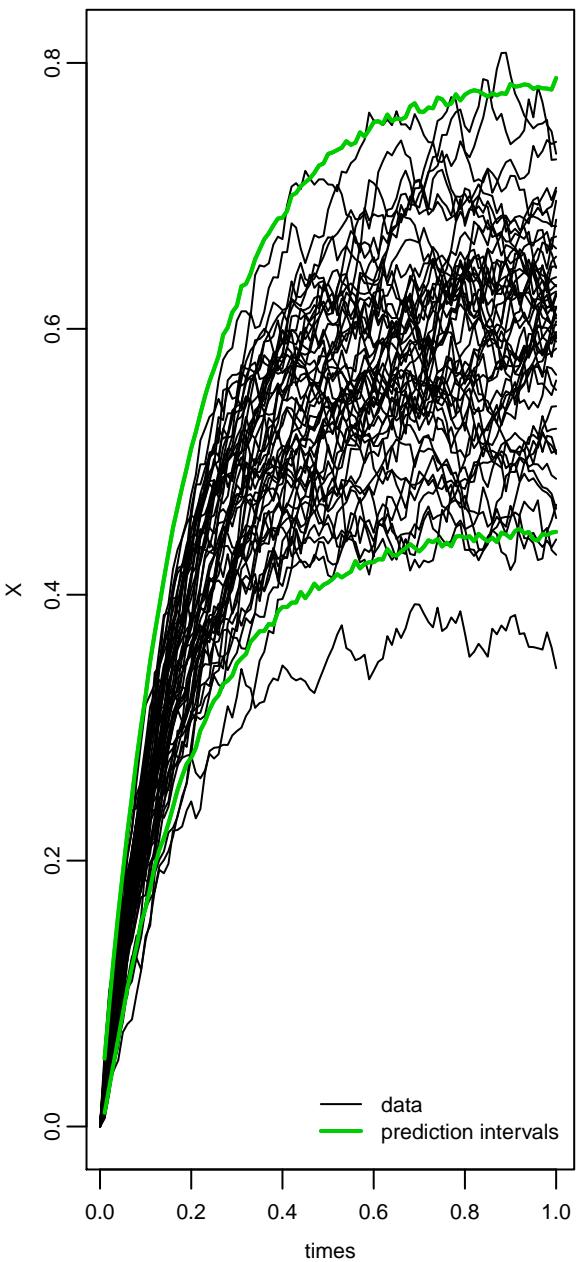
— credibility interval   •   posterior mean   •   true values

Posterior of  $\mu_1$ Posterior of  $\beta$ Posterior of  $\omega_1$ Posterior of  $\sigma^2$ 

help("mixedsde-package")

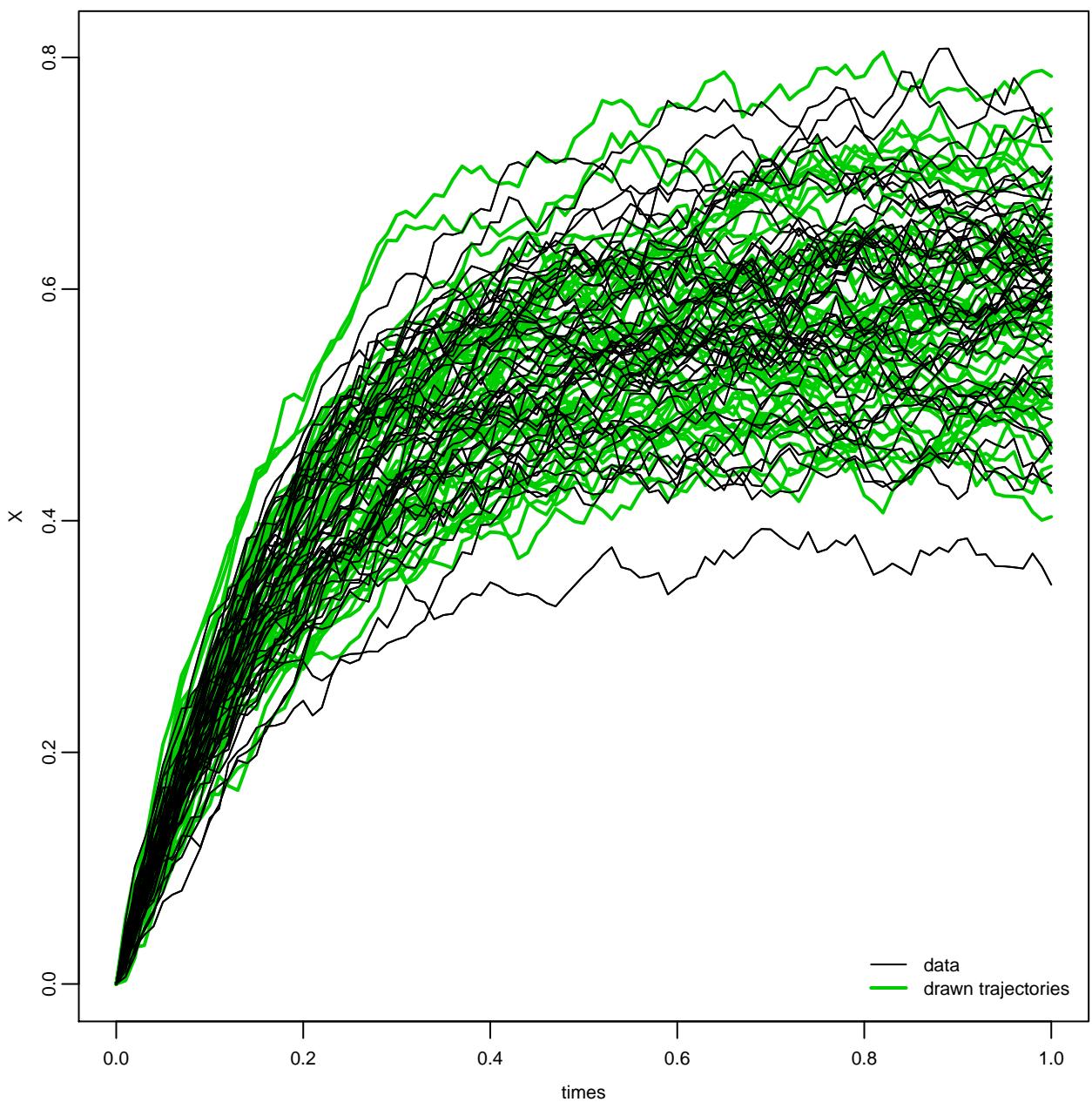


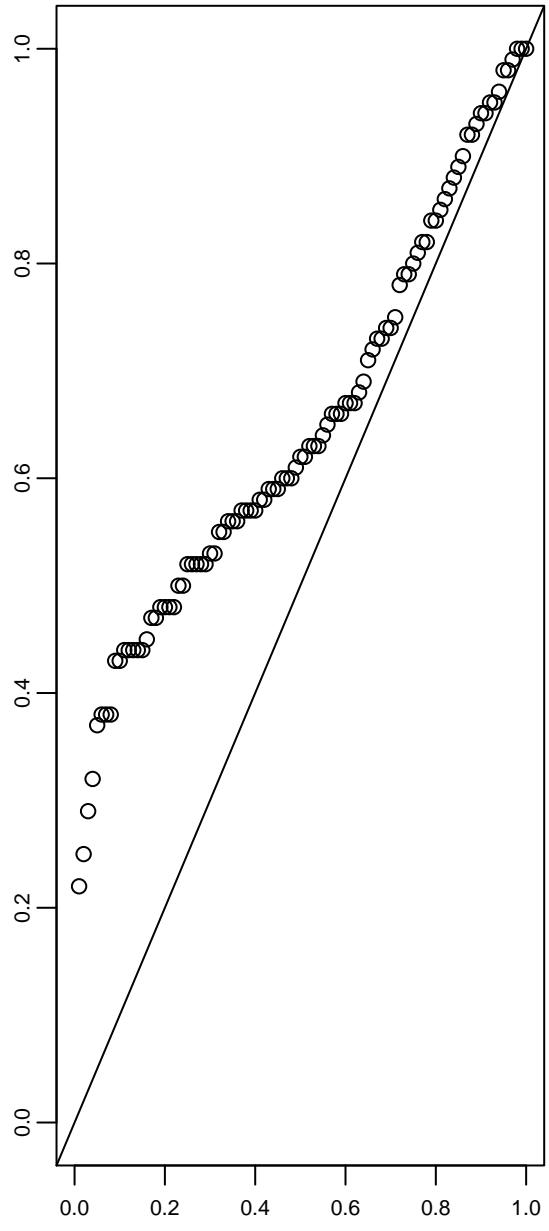
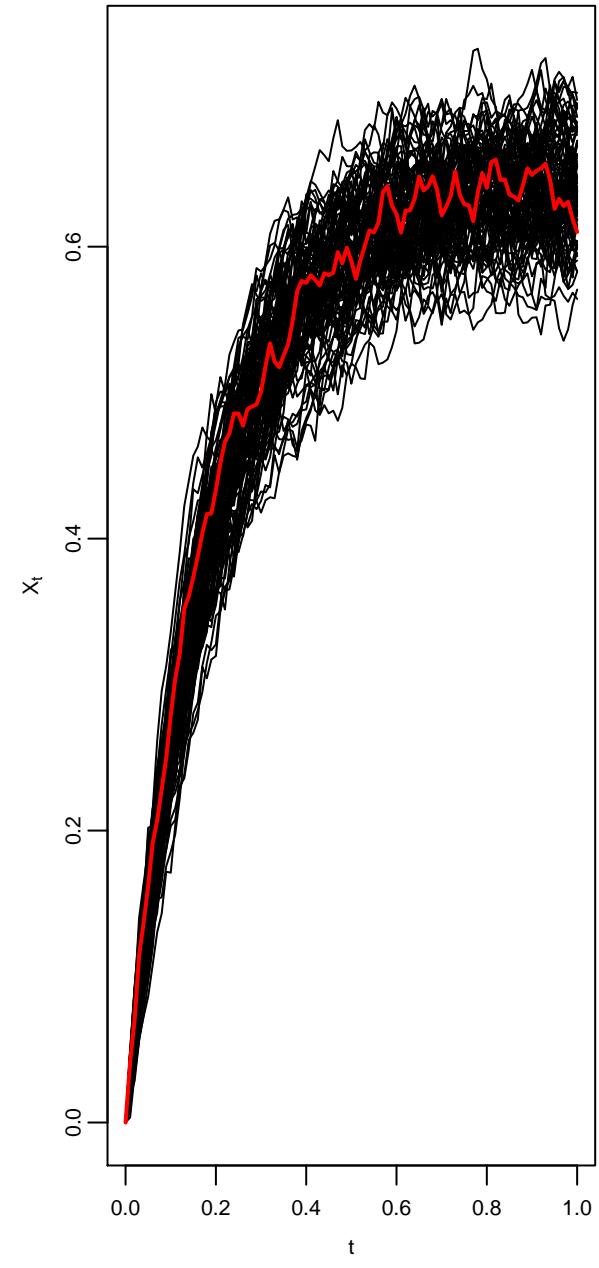
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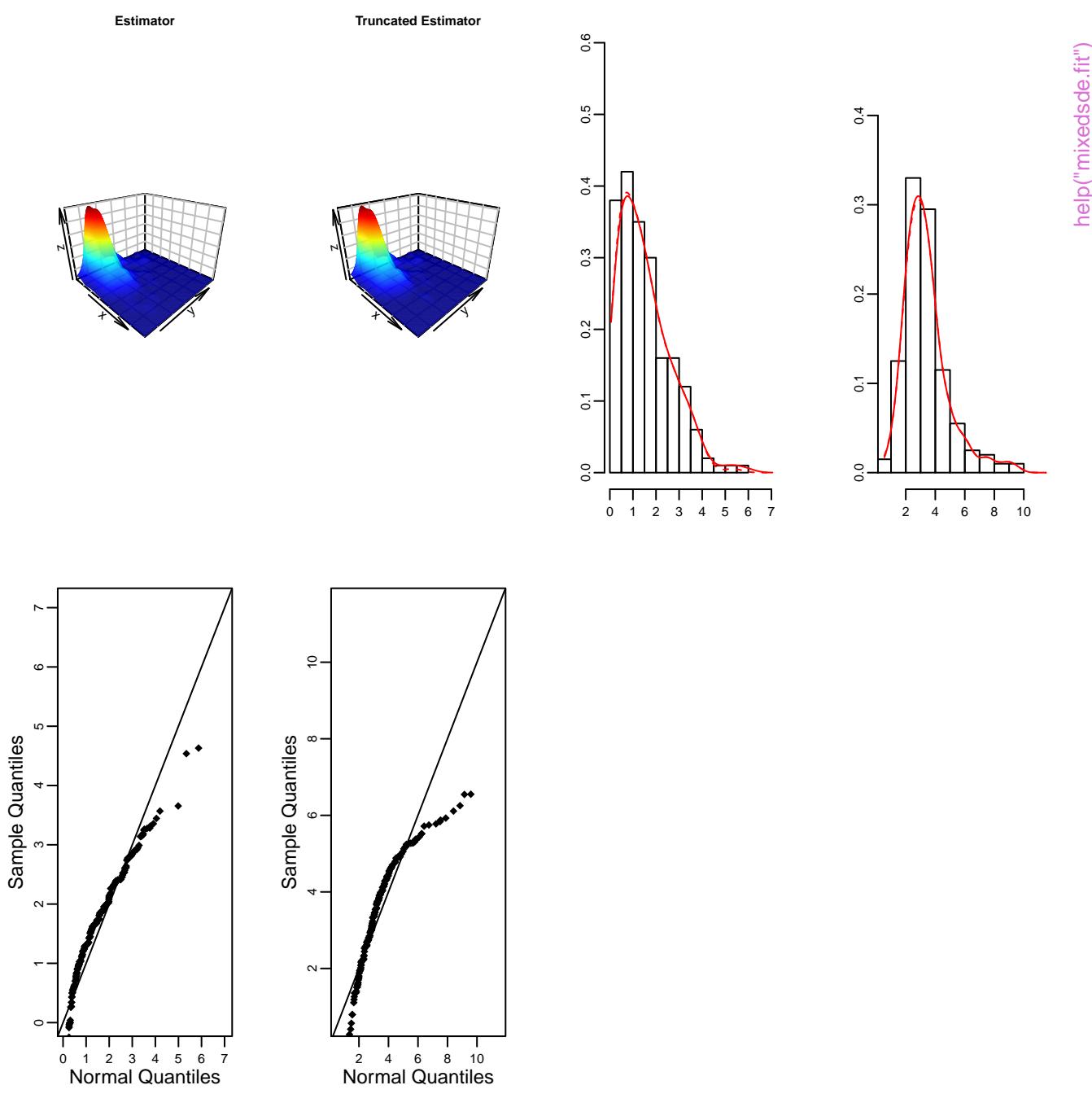
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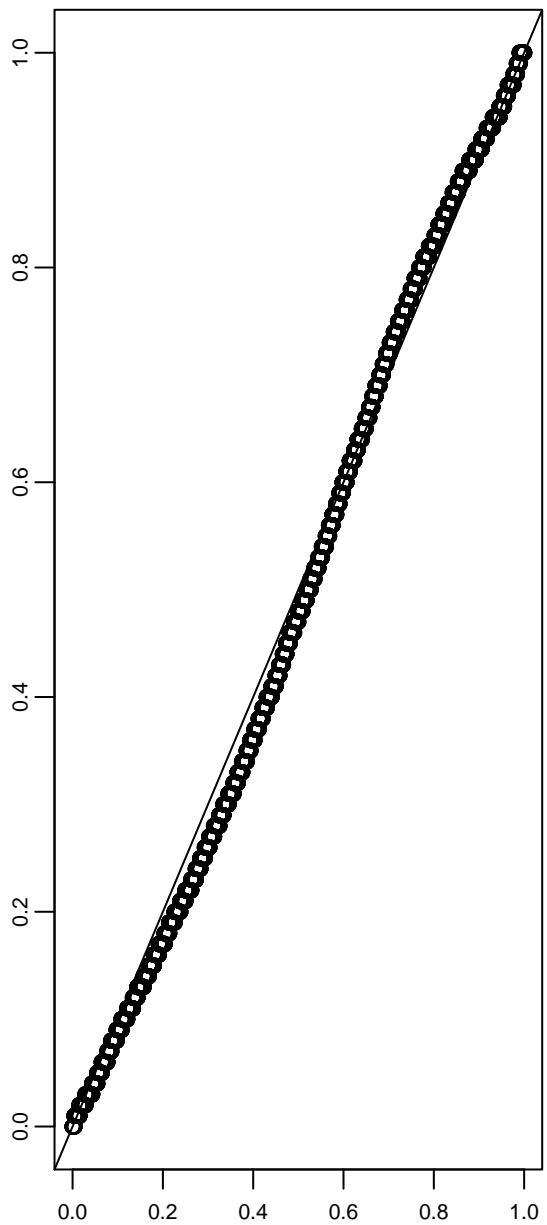
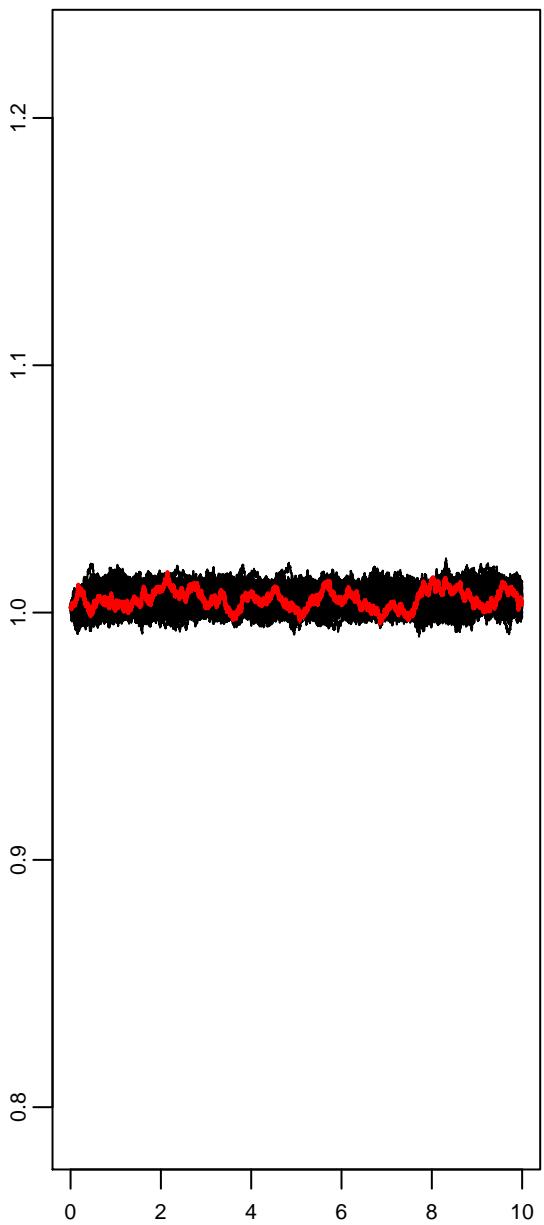
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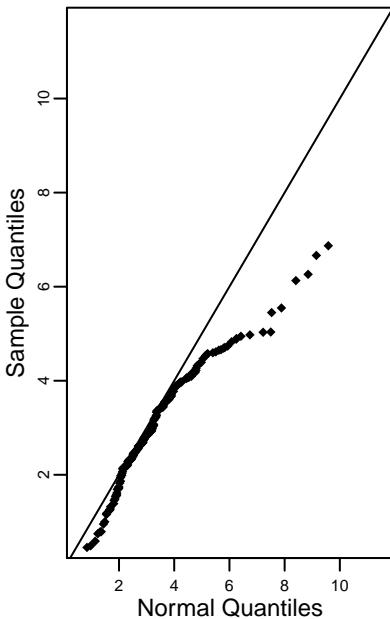
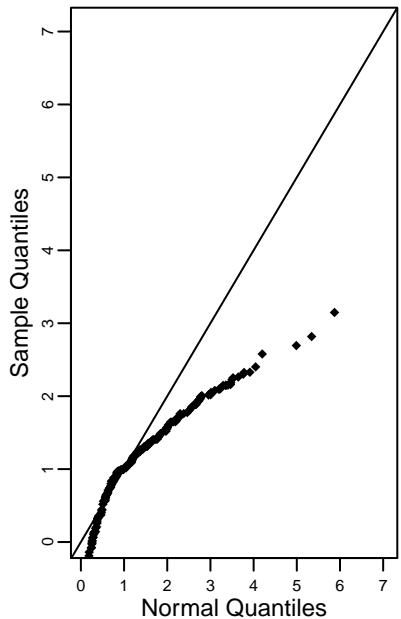
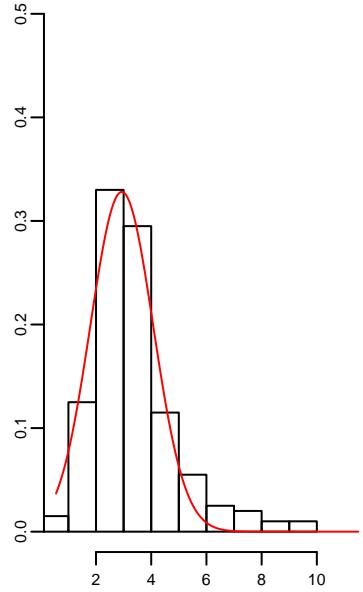
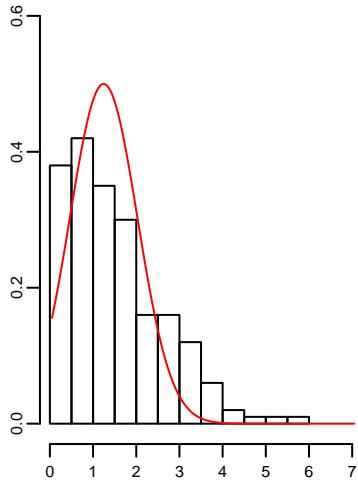
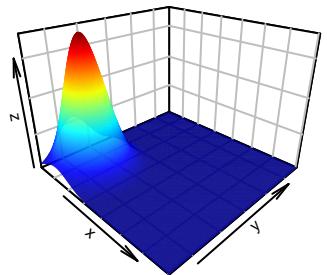
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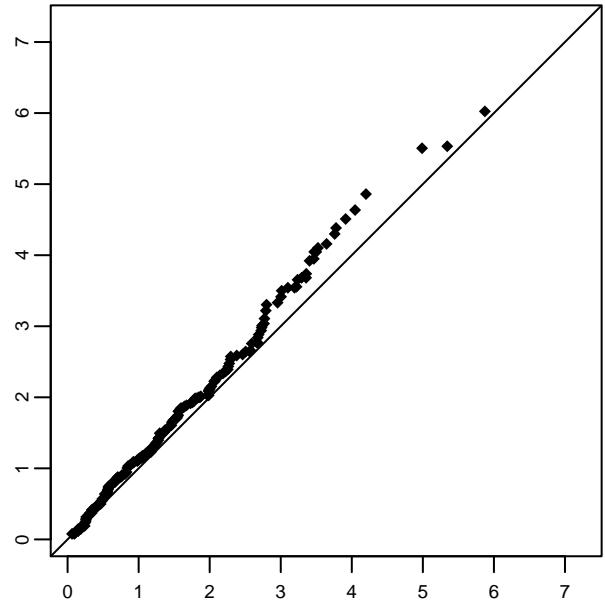
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Estimator

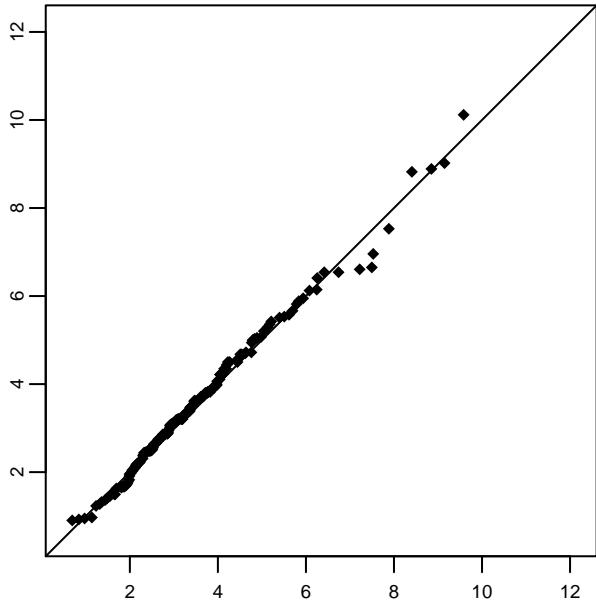


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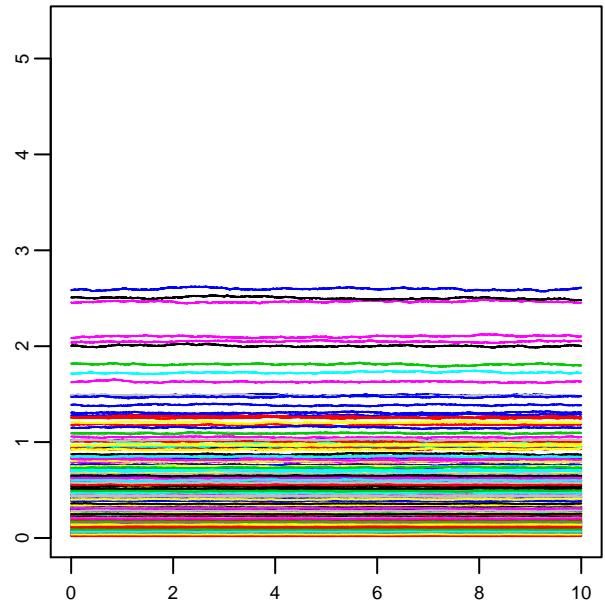
**First random effect**



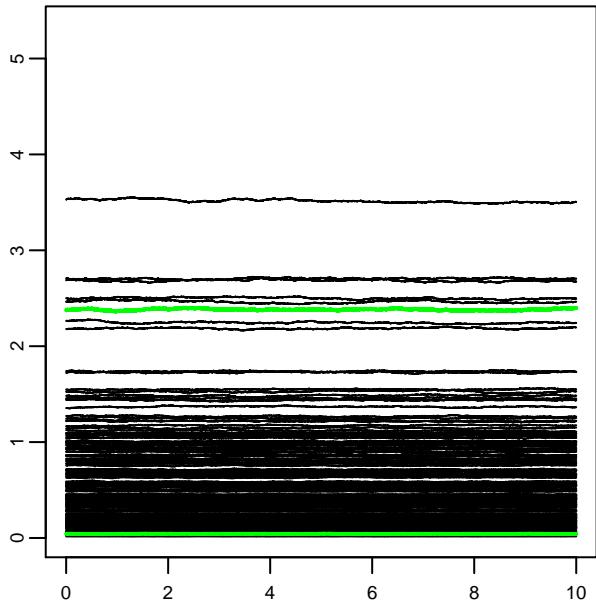
**Second random effect**



**True trajectories**

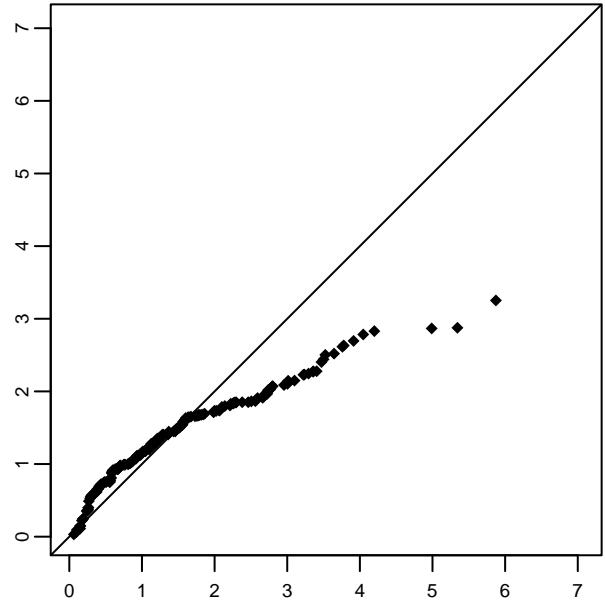


**Predictive trajectories**

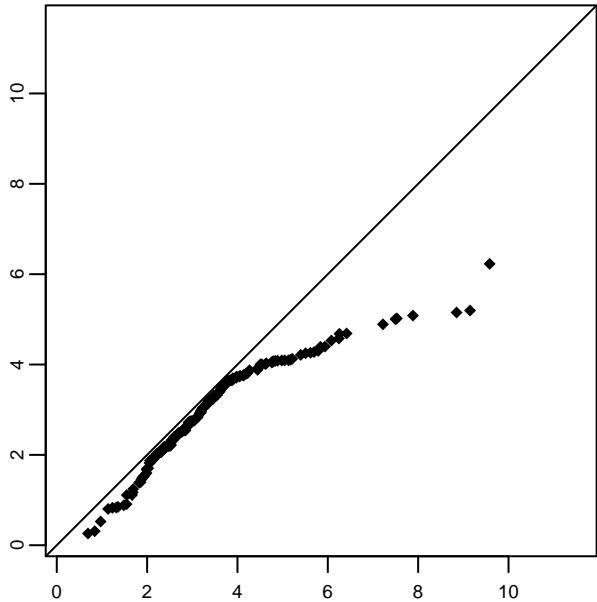


help("mixedsde.fit")

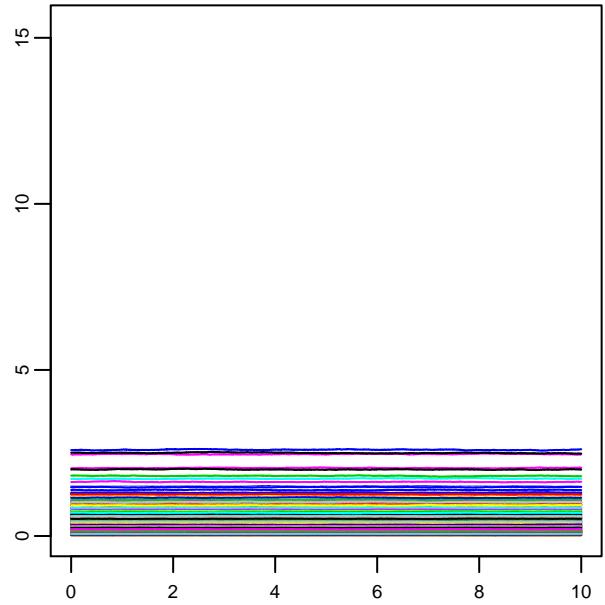
**First random effect**



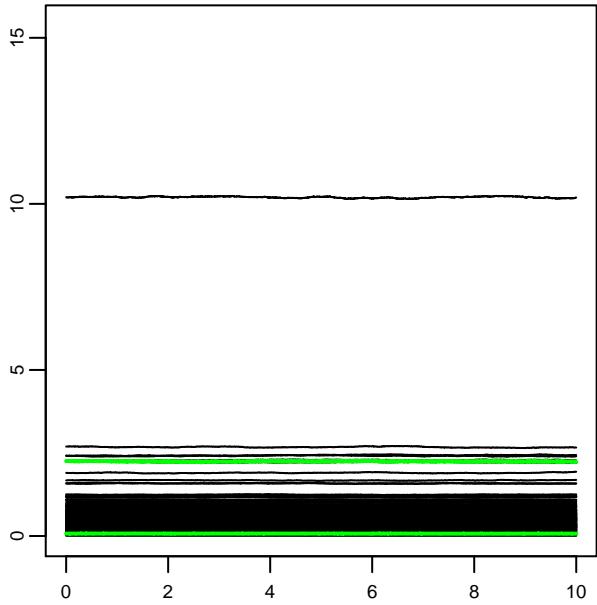
**Second random effect**



**True trajectories**

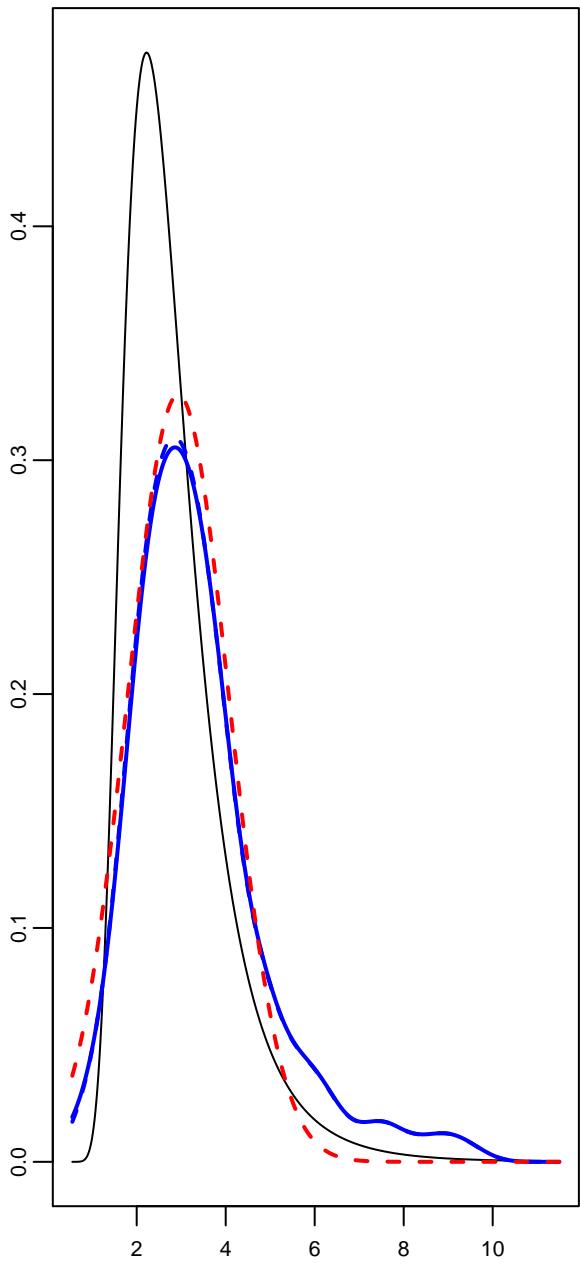
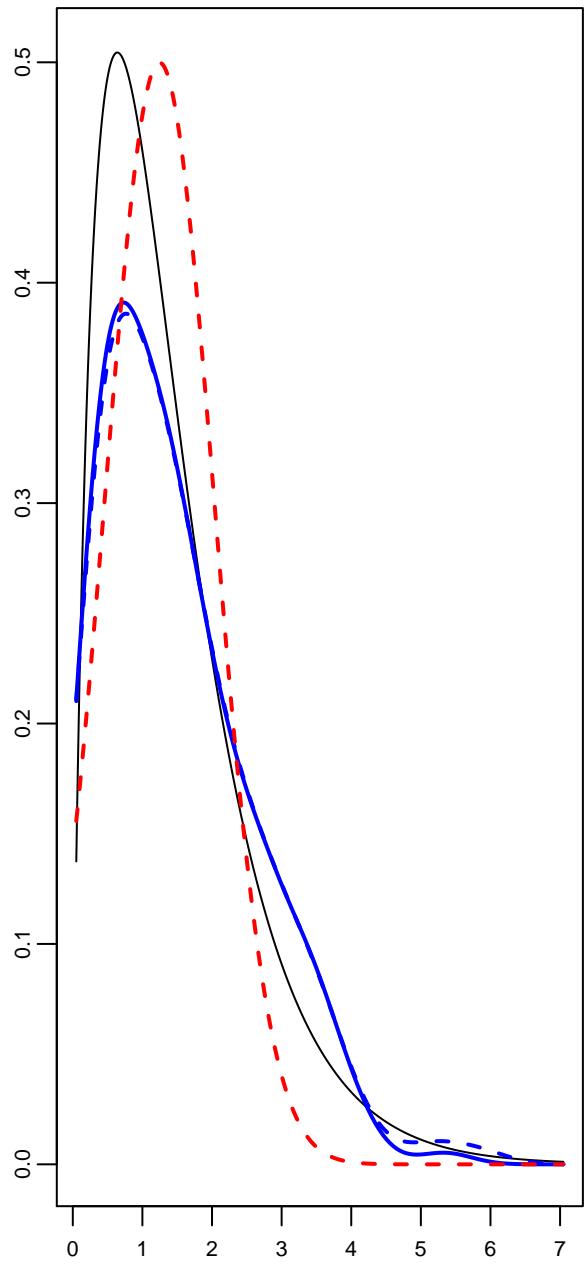


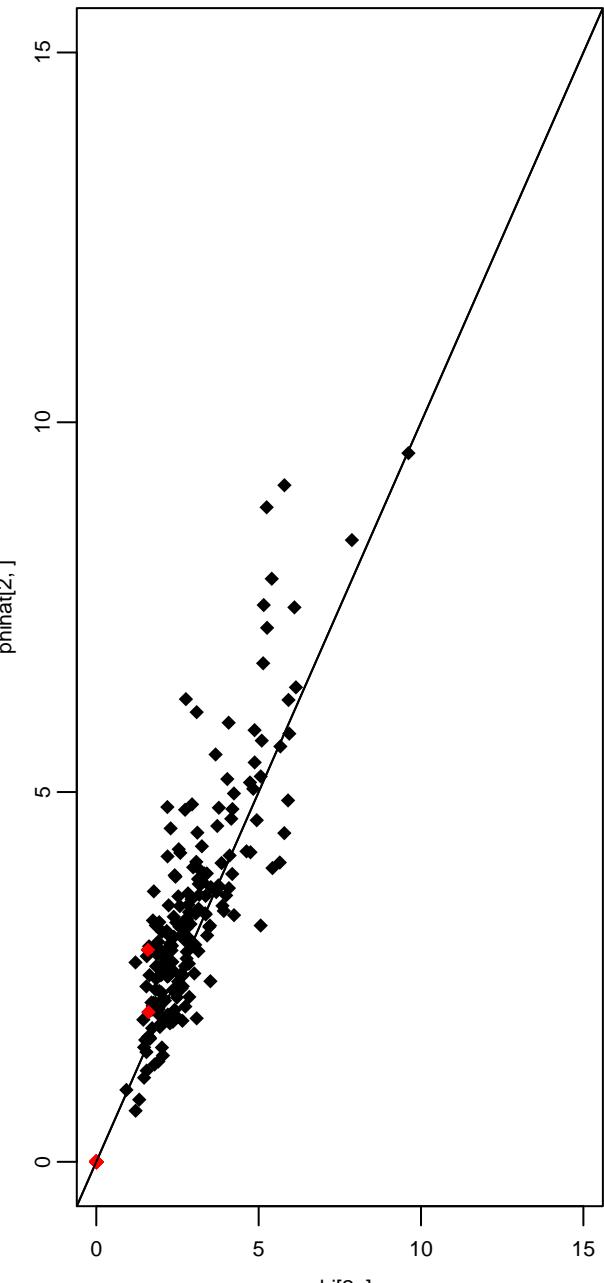
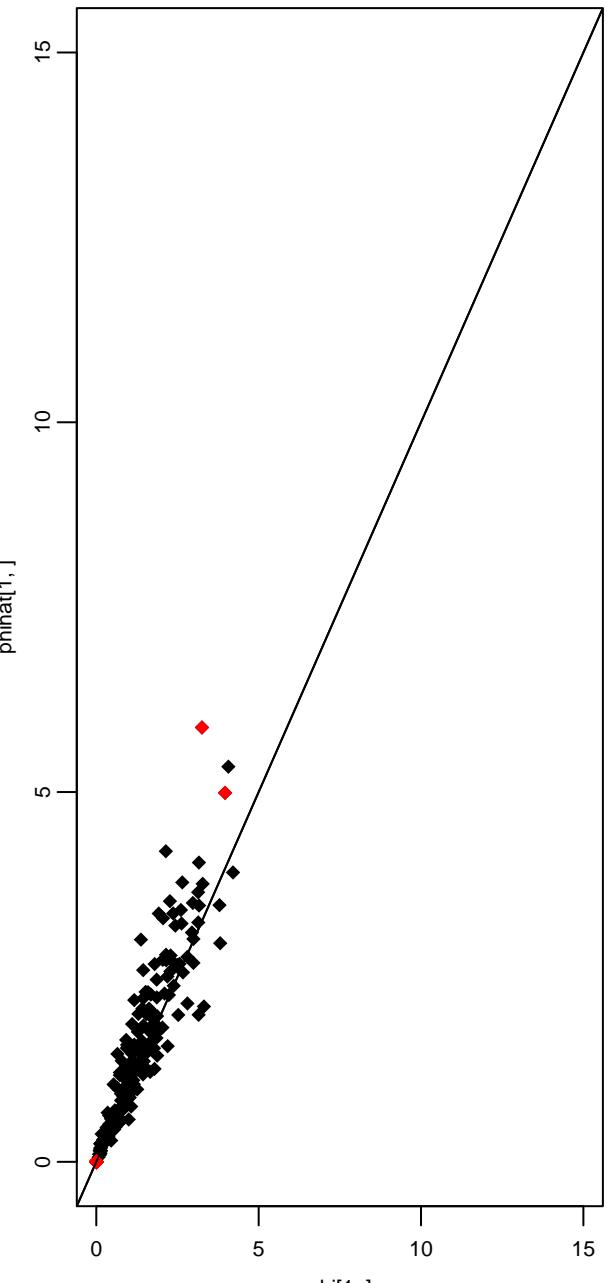
**Predictive trajectories**



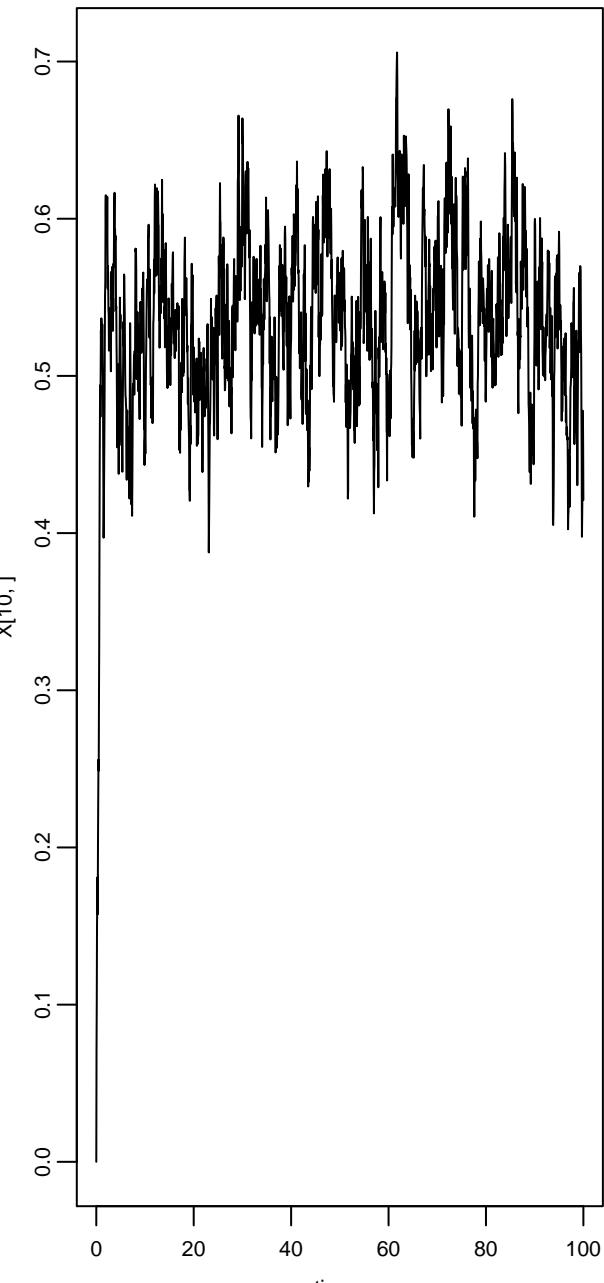
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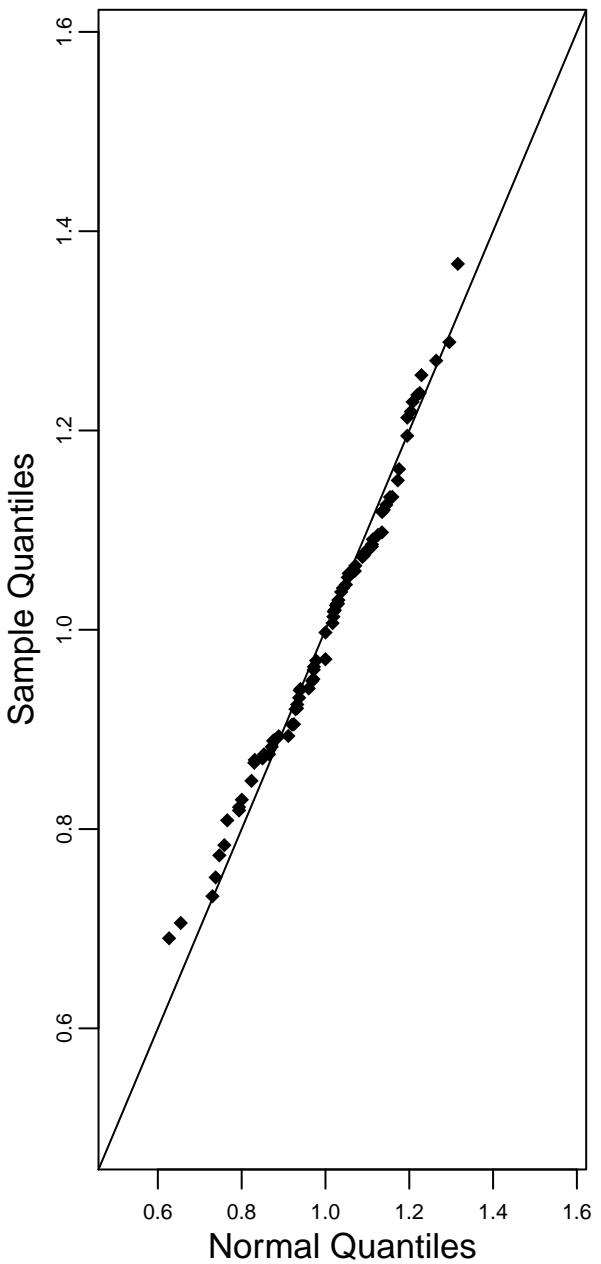
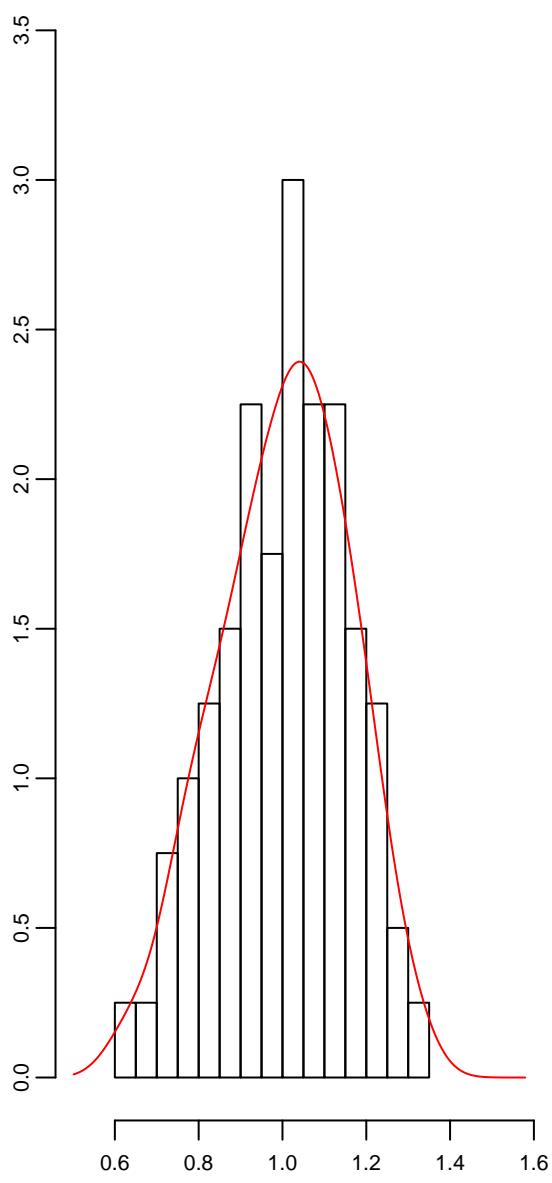




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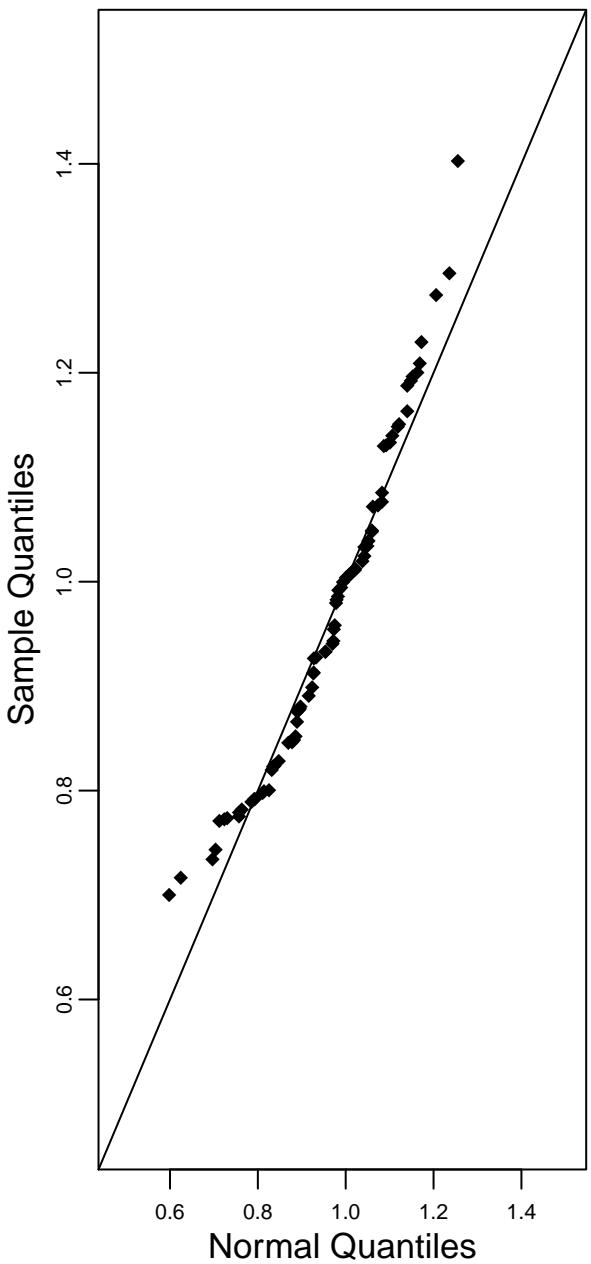
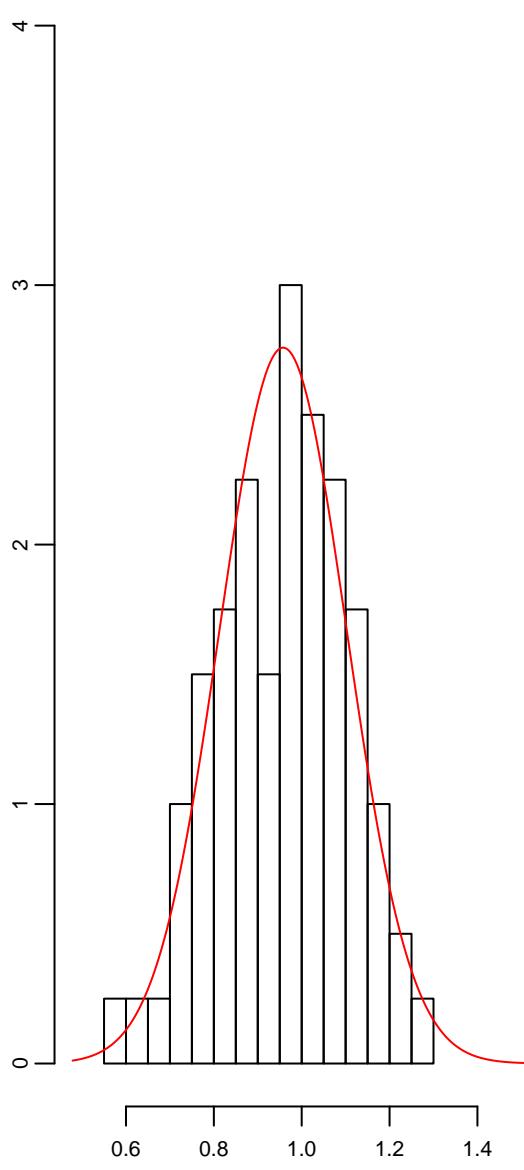


## Density of the random effect

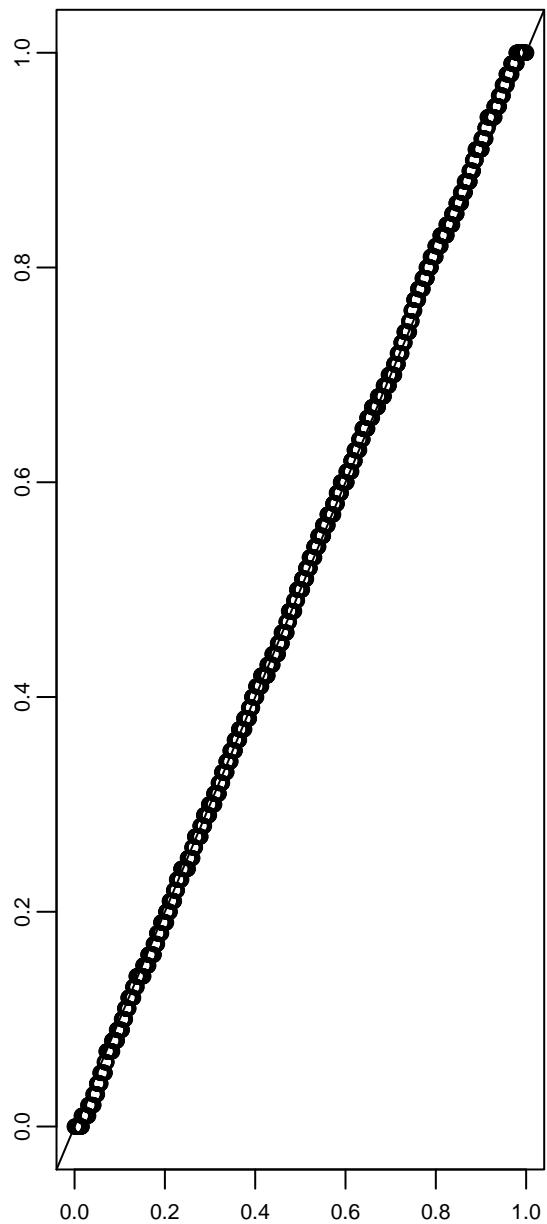
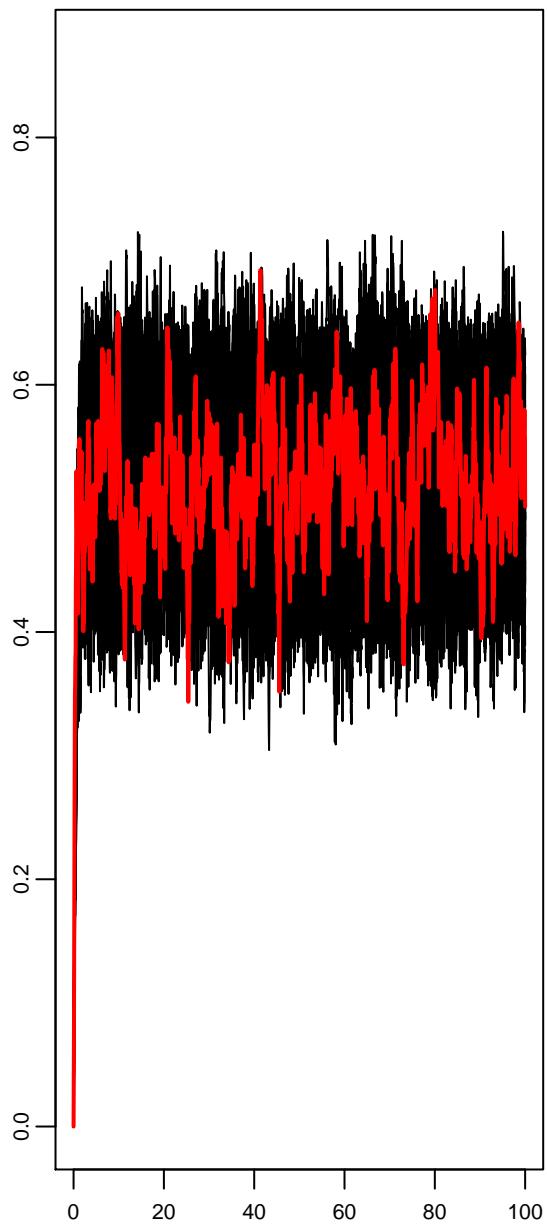


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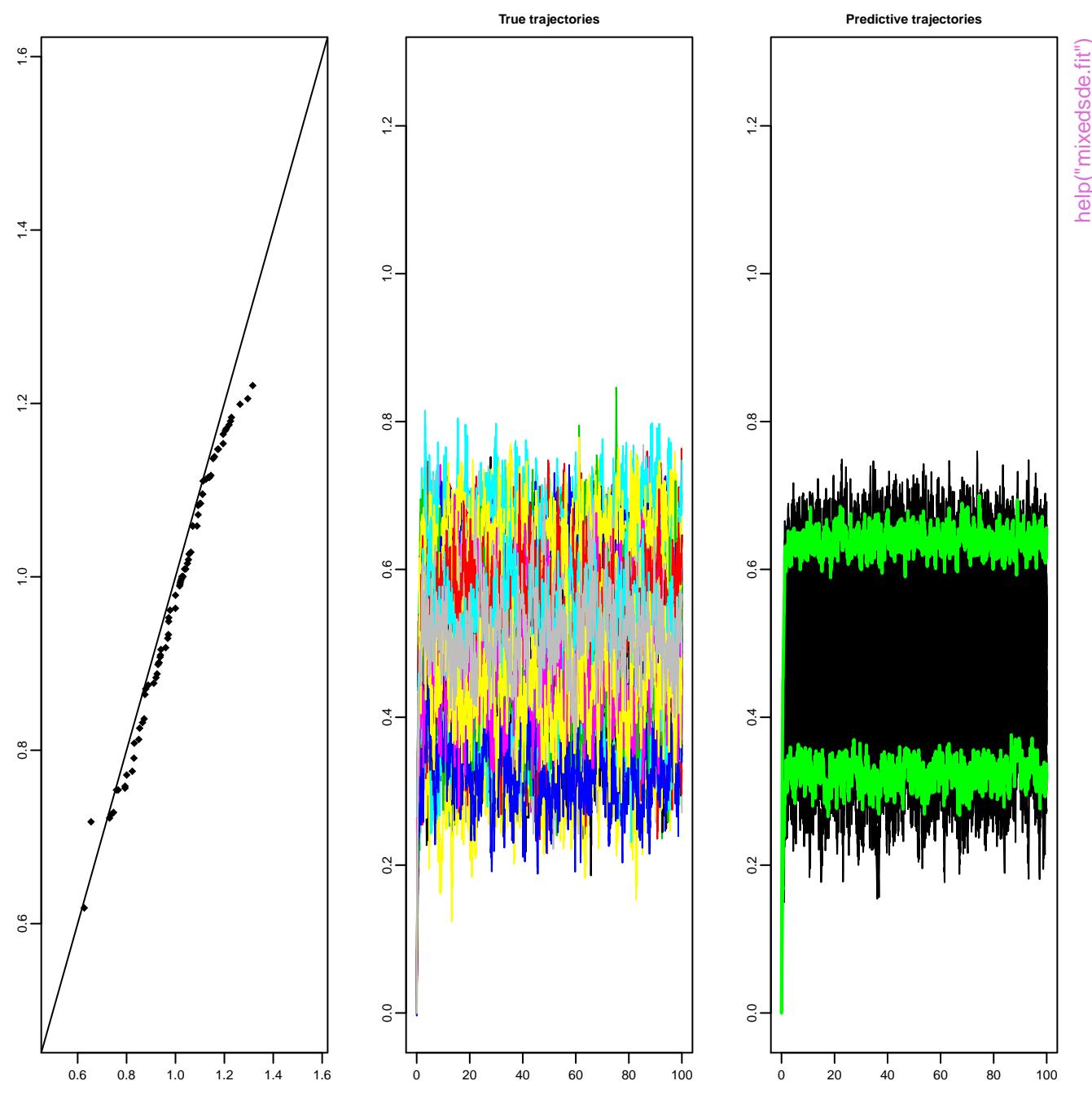
## Density of the random effect

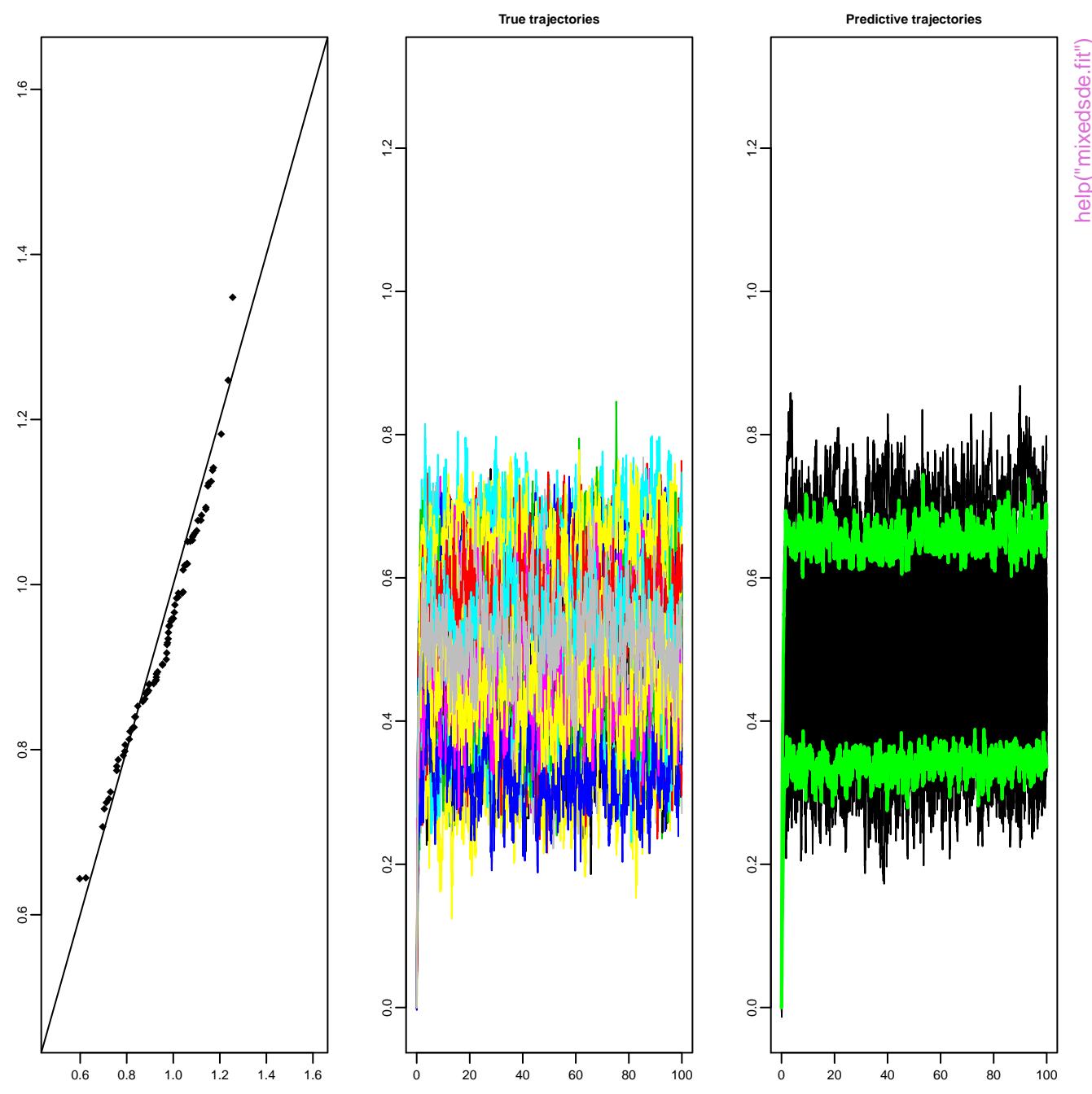


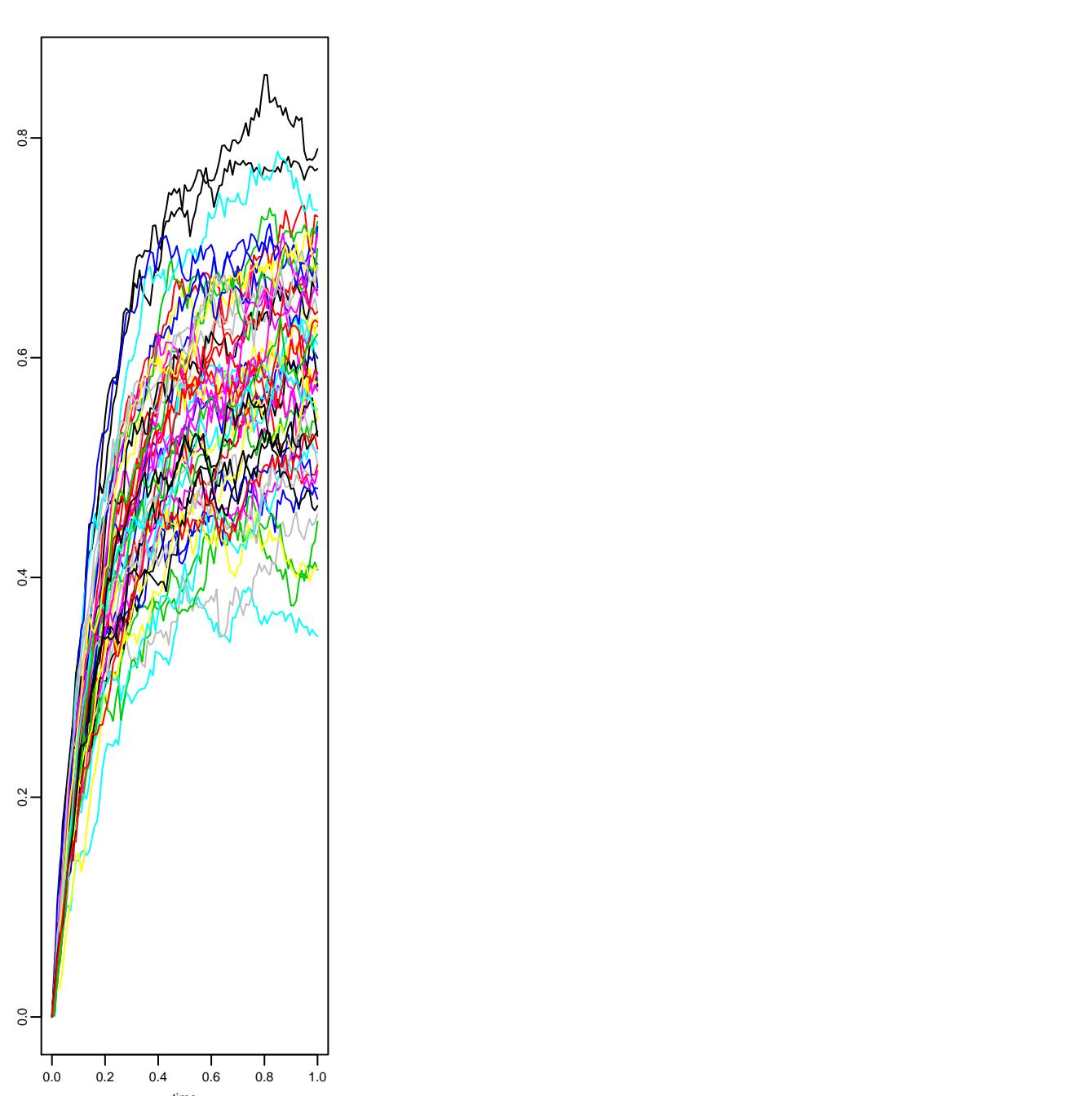
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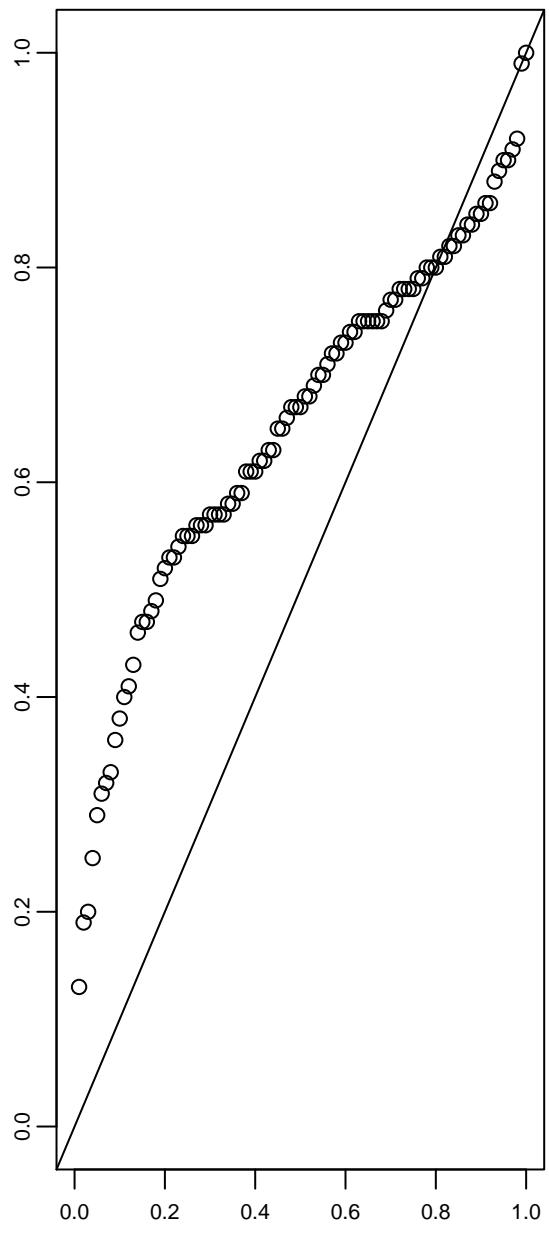
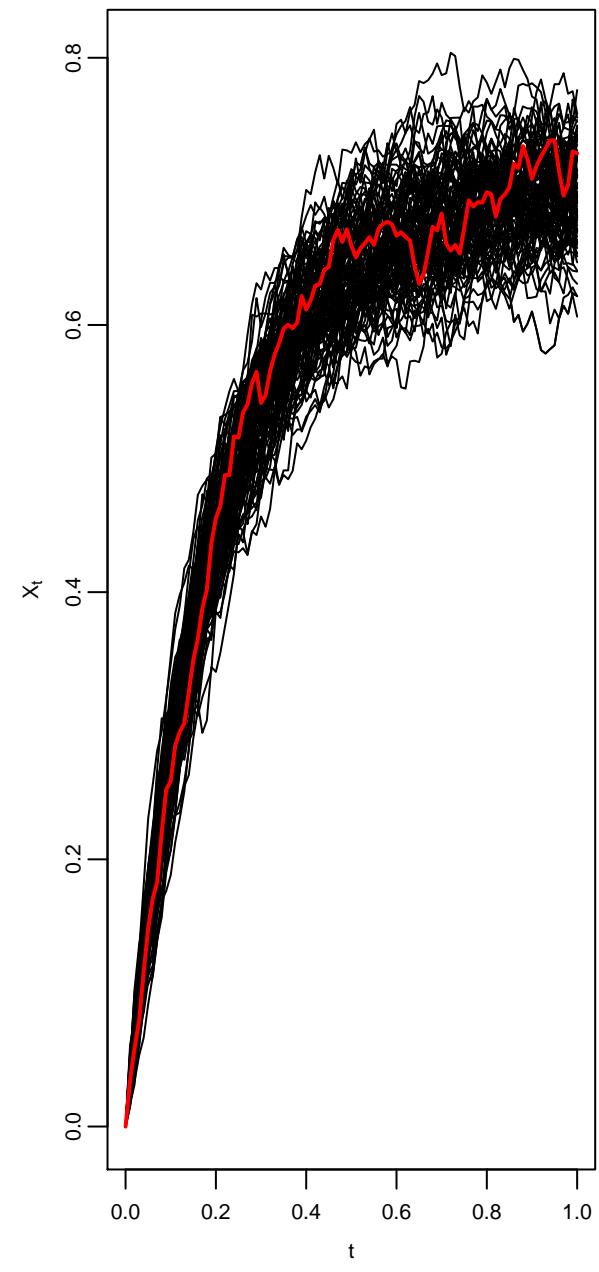


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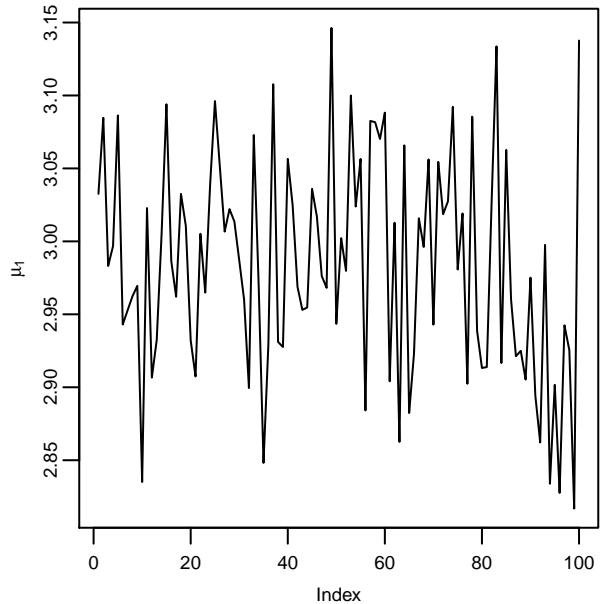
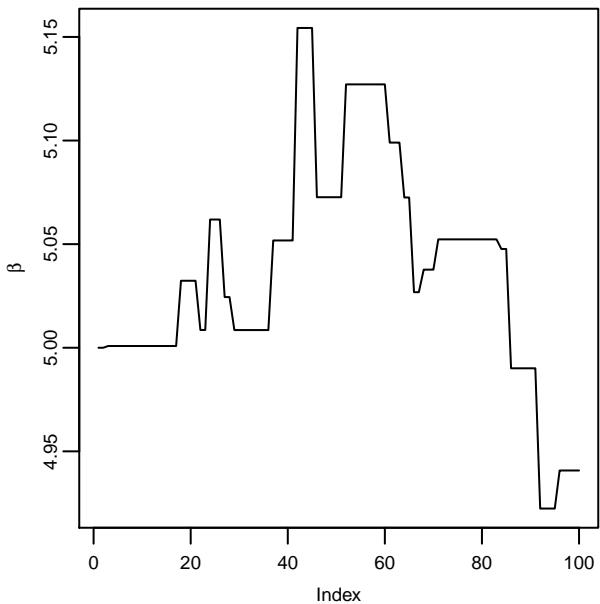
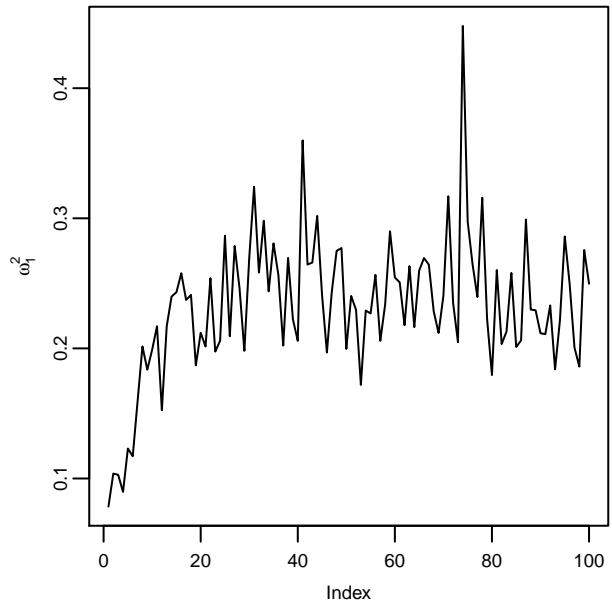
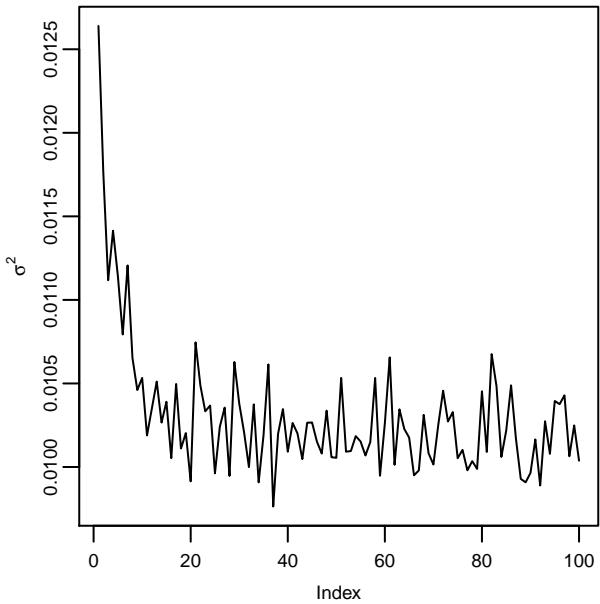






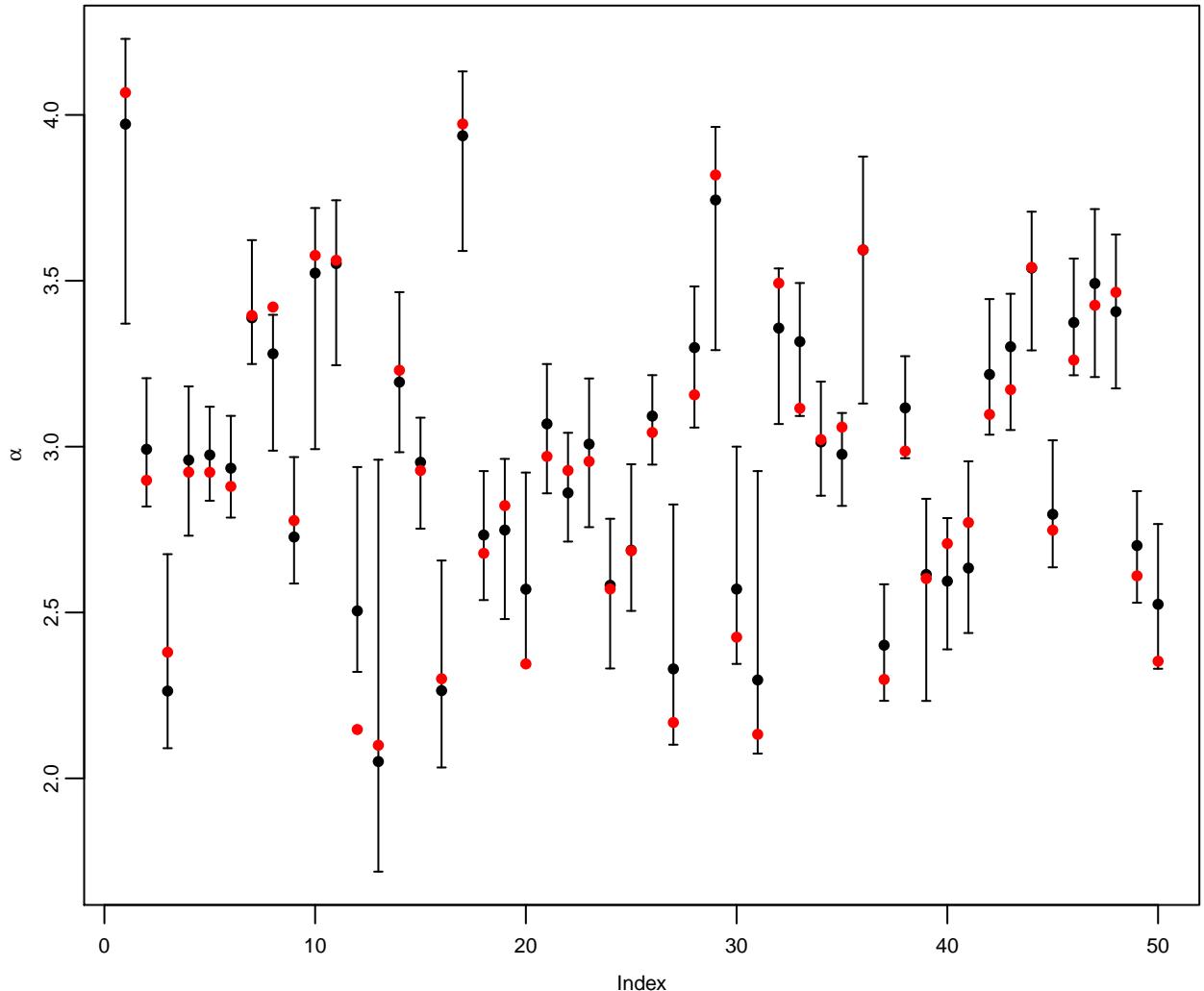


help("mixedsde.fit")

**Markov Chain****Markov Chain****Markov Chain****Markov Chain**

help("mixedsde.fit")

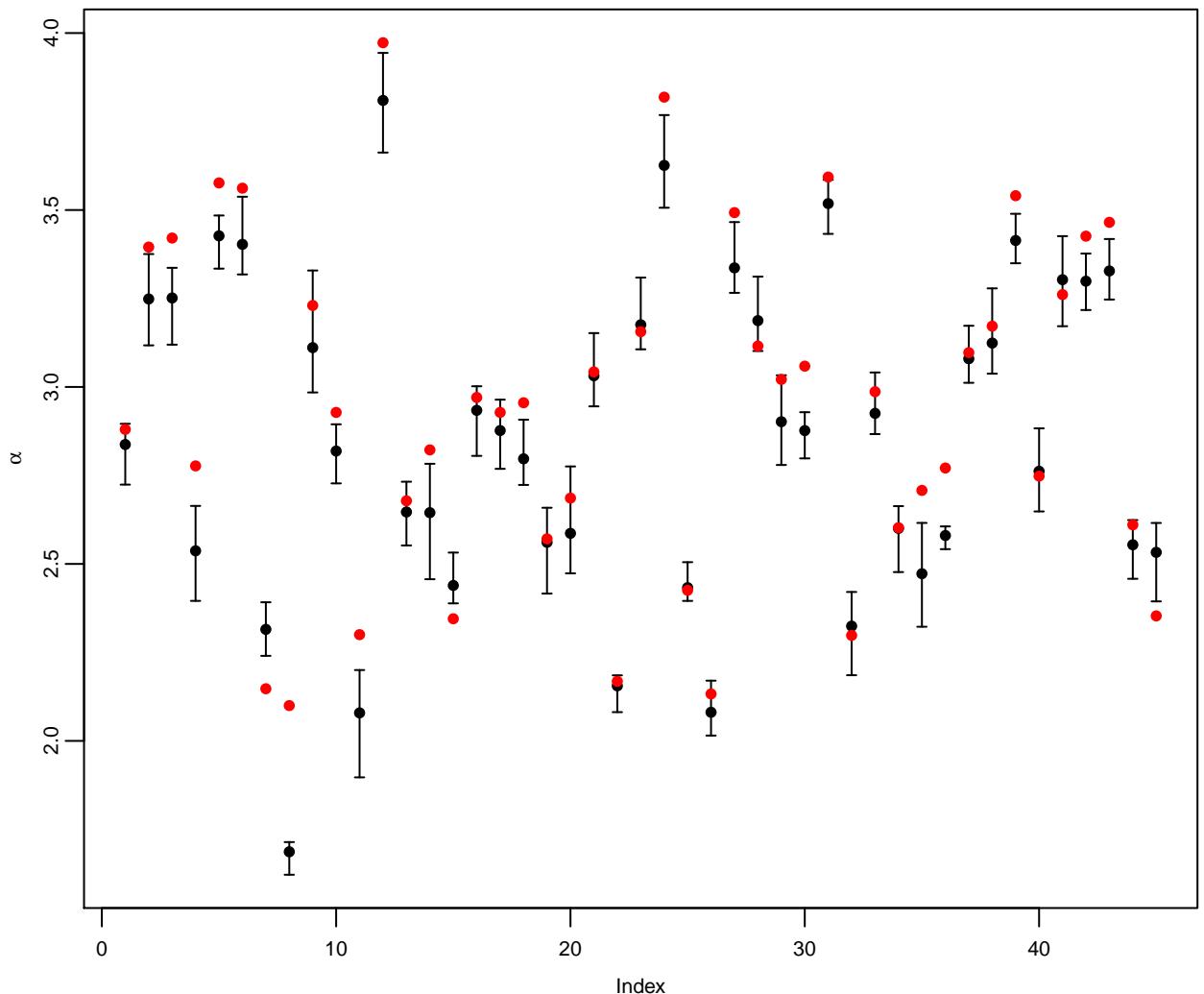
### credibility intervals



— credibility interval   •   posterior mean   •   true values

help("mixedsde.fit")

### credibility intervals

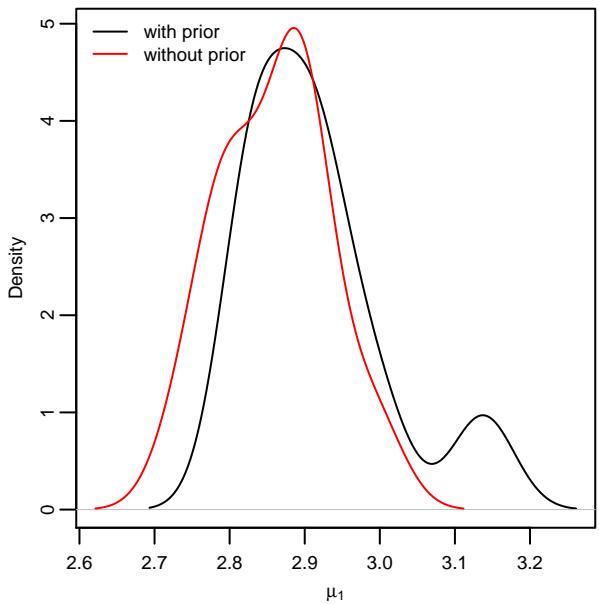


— credibility interval   • posterior mean   • true values

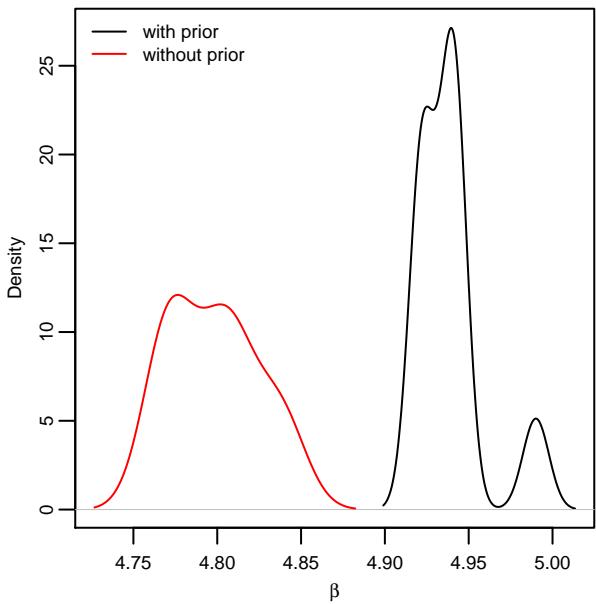
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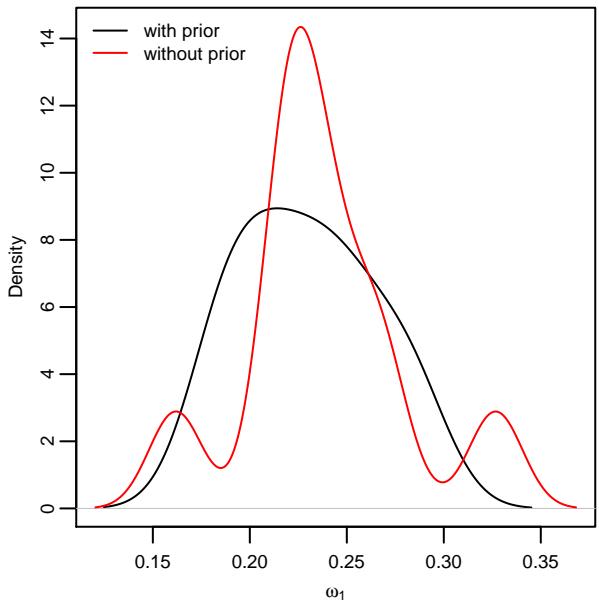
Posterior of  $\mu_1$



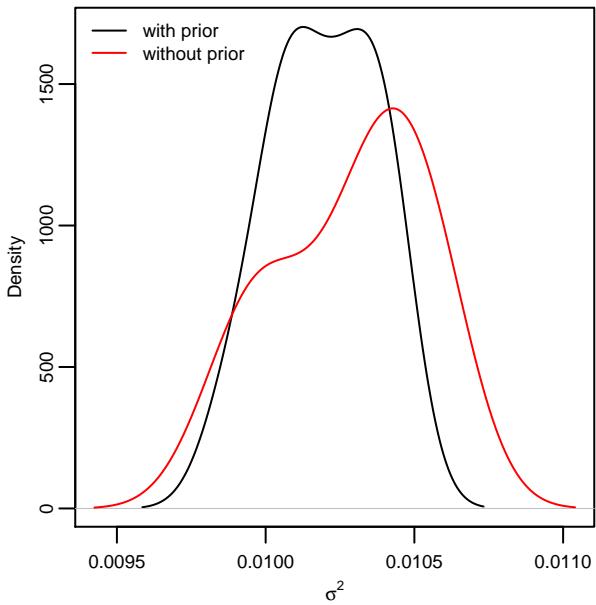
Posterior of  $\beta$

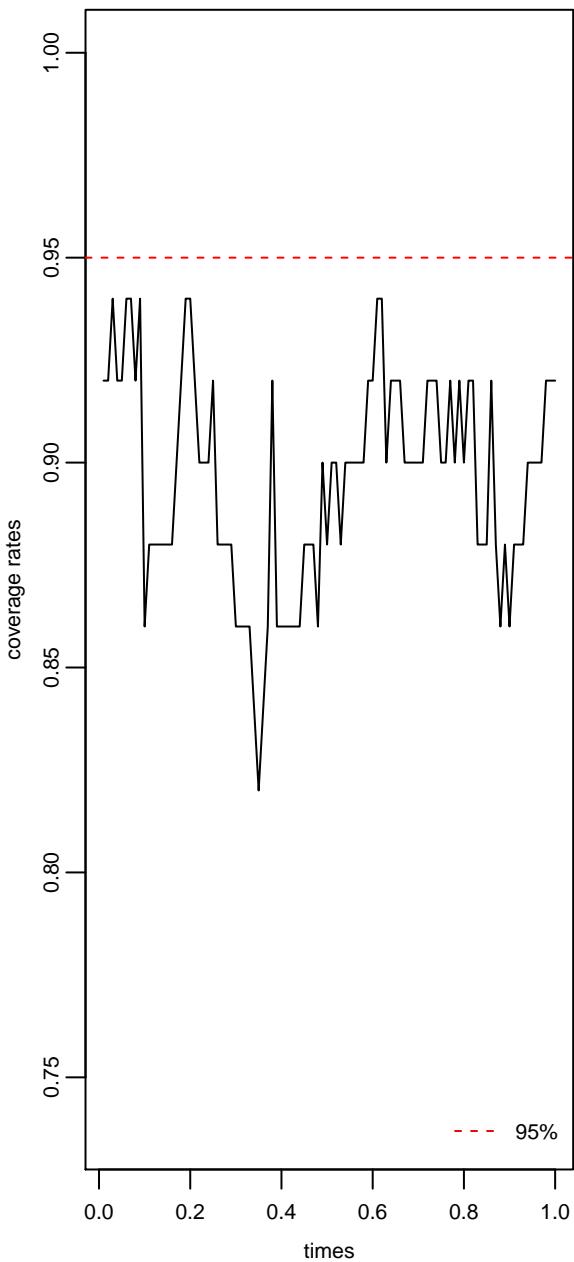
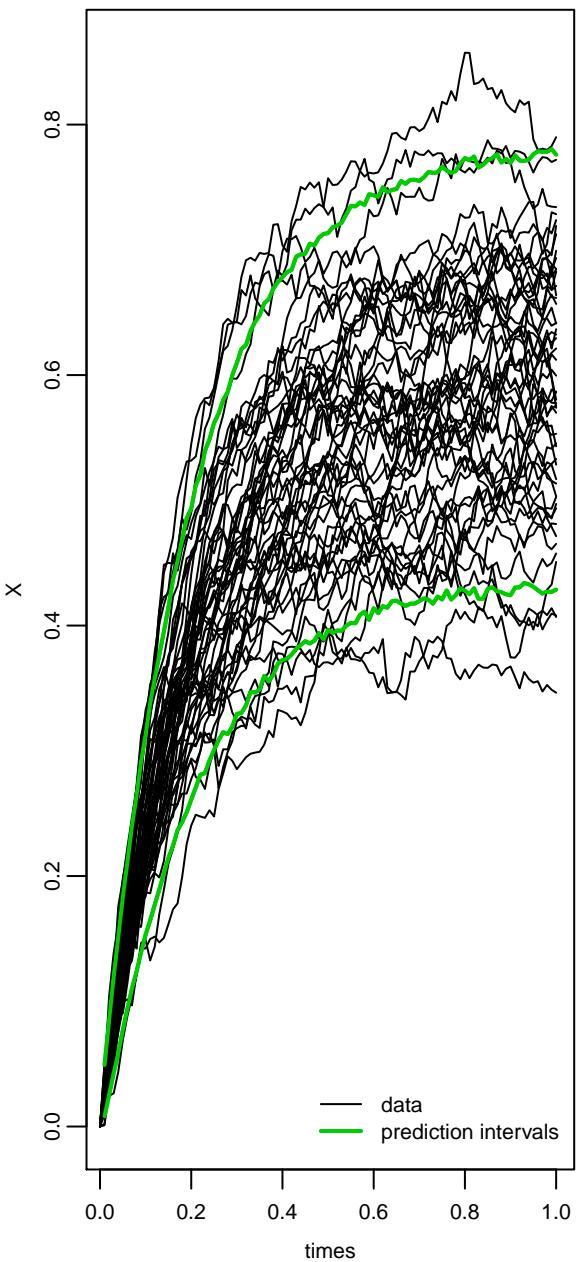


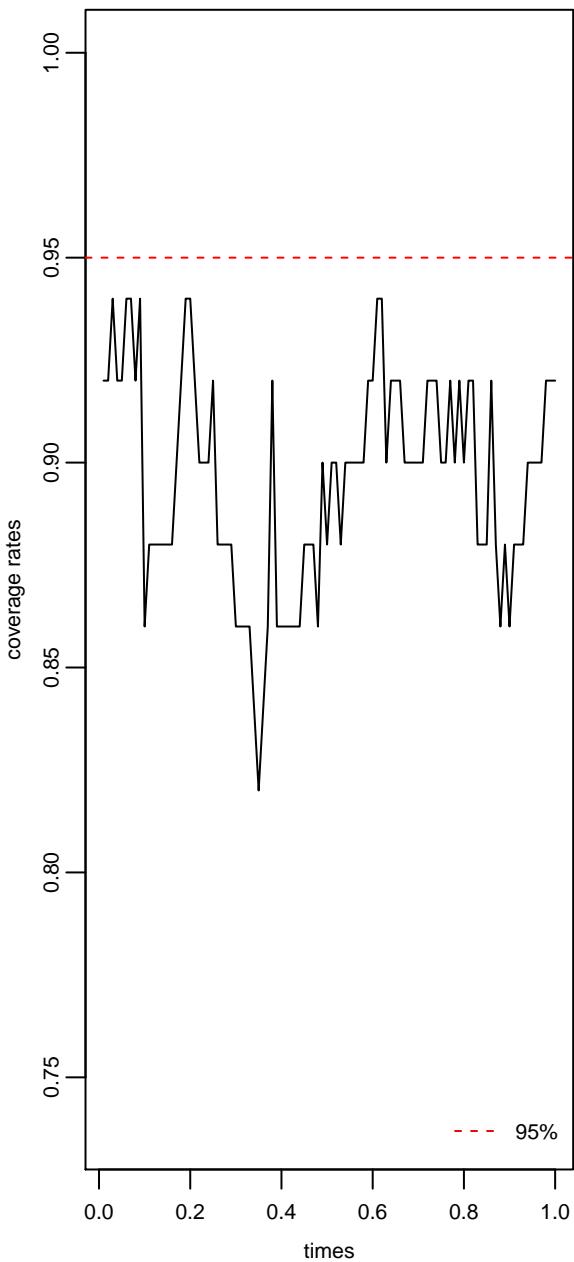
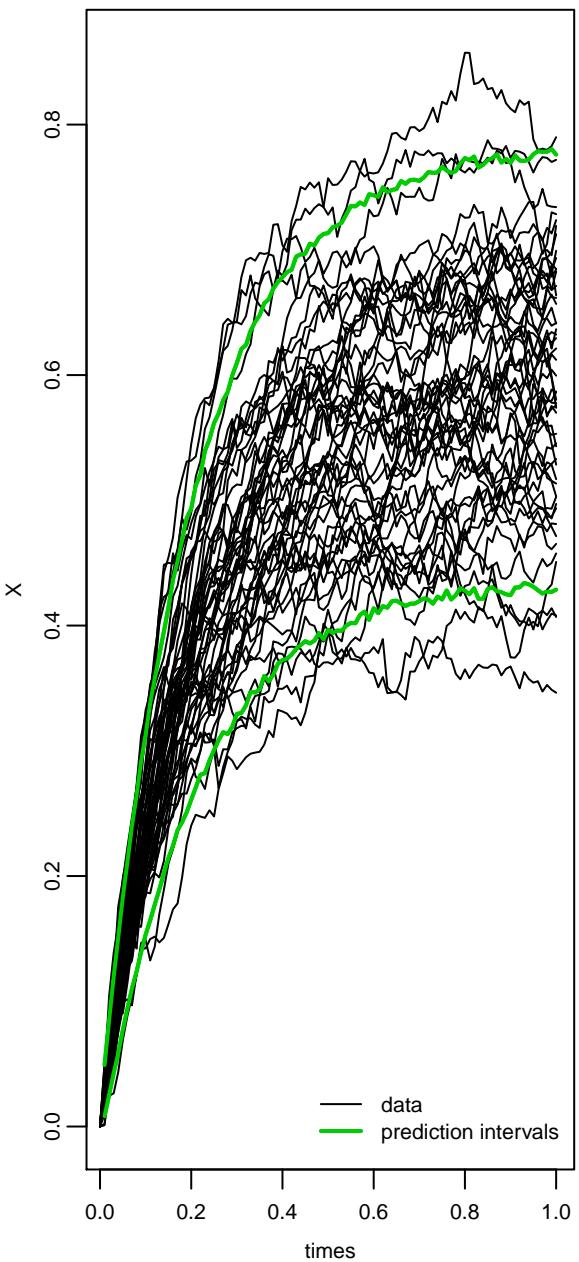
Posterior of  $\omega_1$



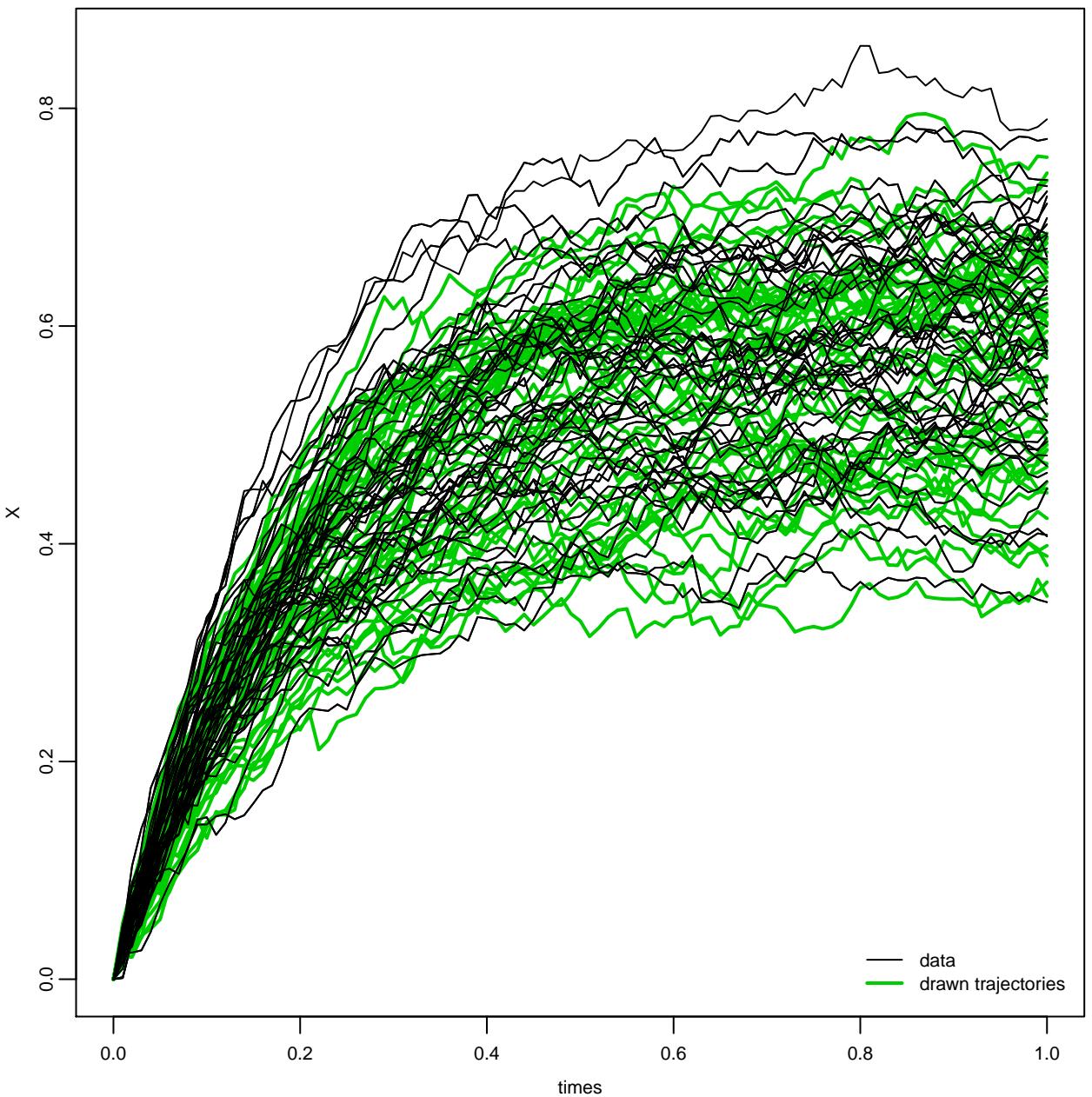
Posterior of  $\sigma^2$



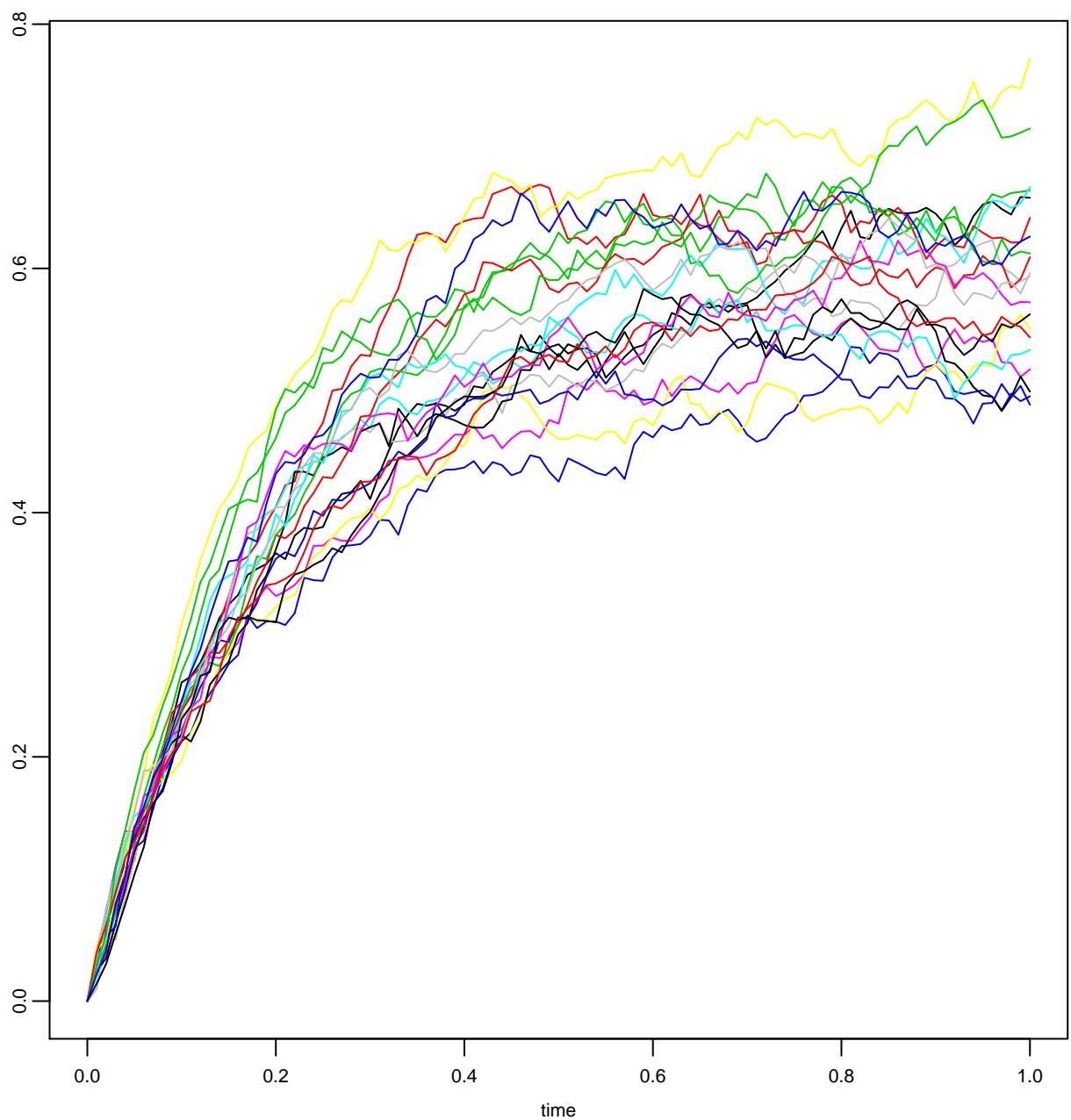




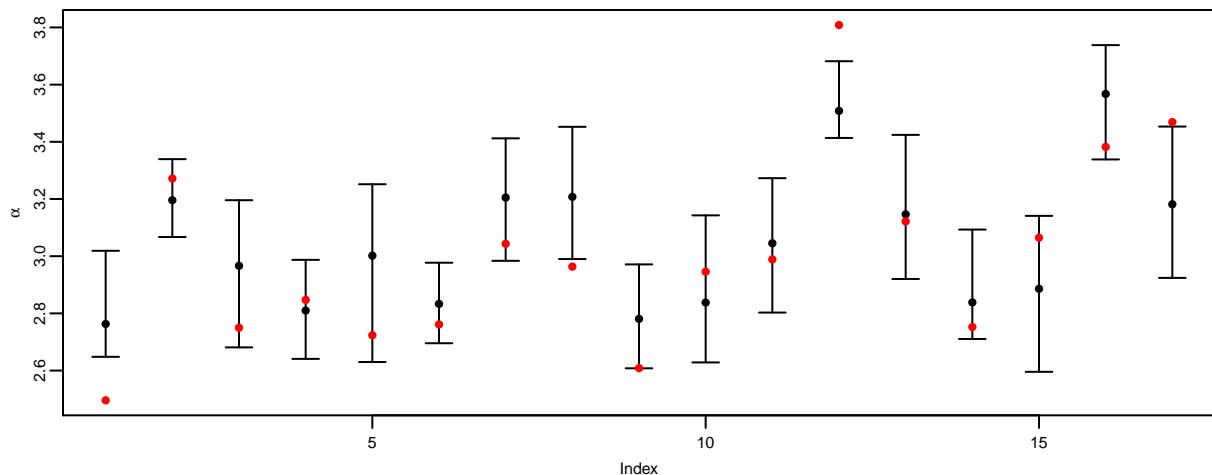
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help("mixedsde.fit")

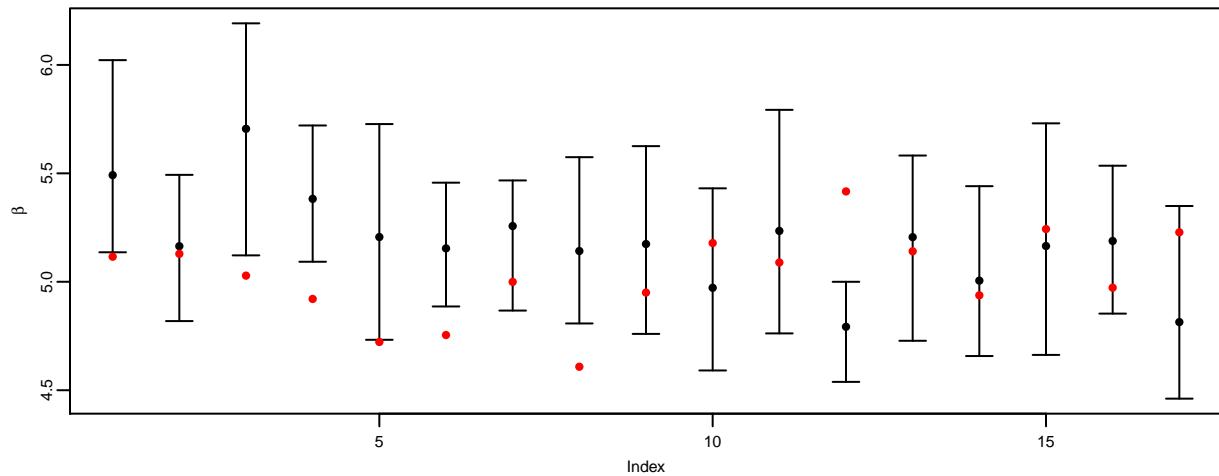


credibility intervals



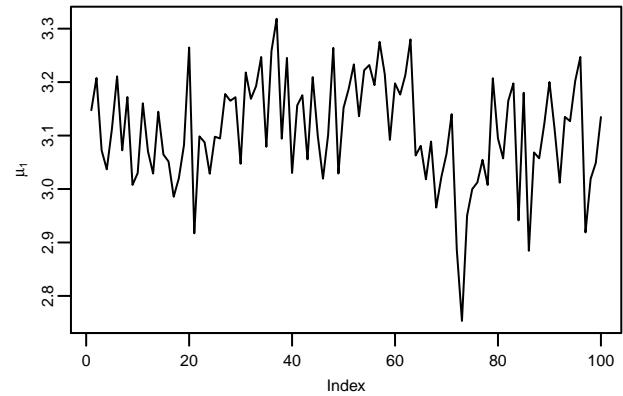
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credibility intervals

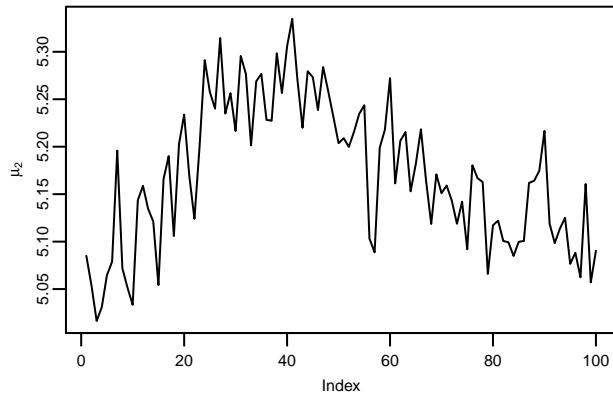


—	credibility interval	●	posterior mean	●	true values
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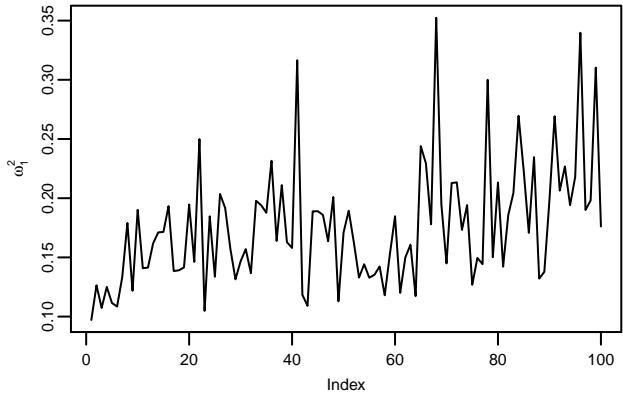
Markov Chain



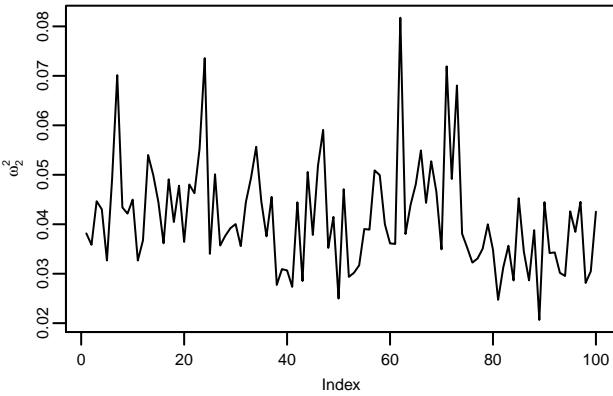
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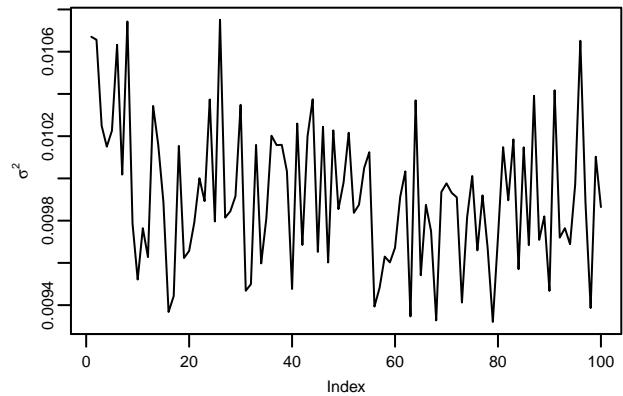
Markov Chain



Markov Chain

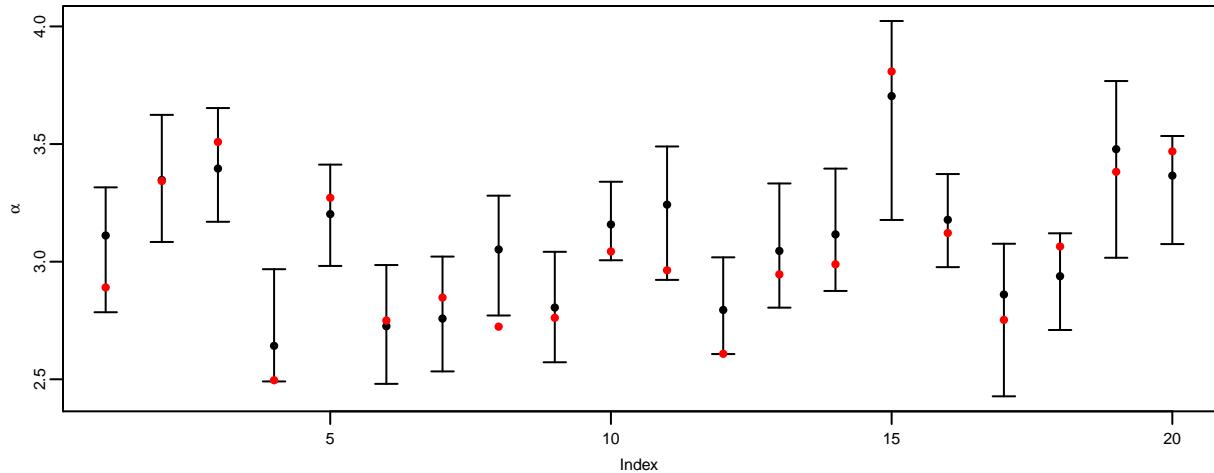


Markov Chain



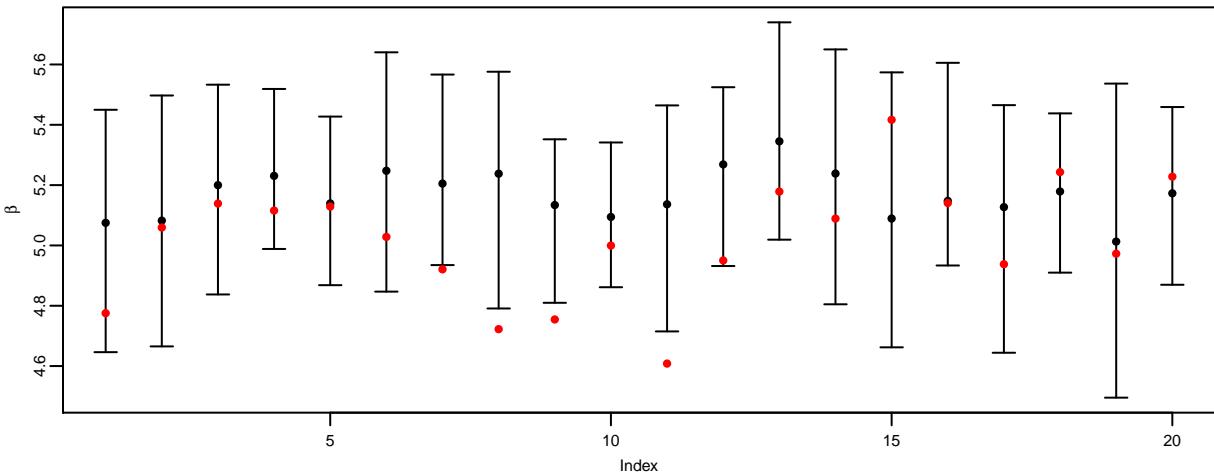
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### credibility intervals

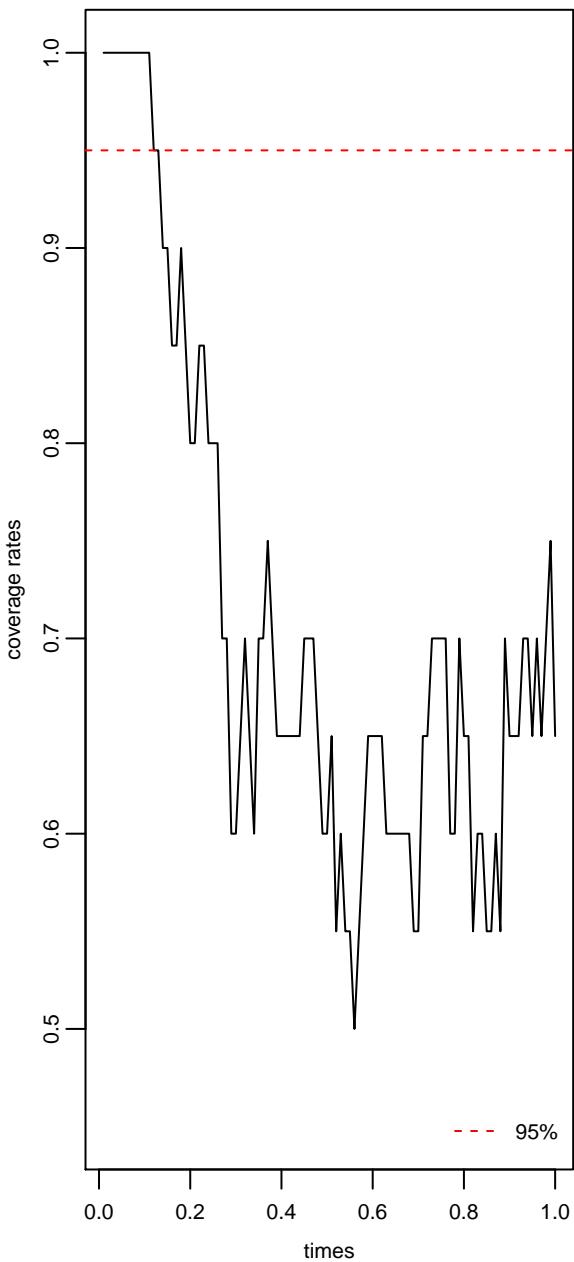
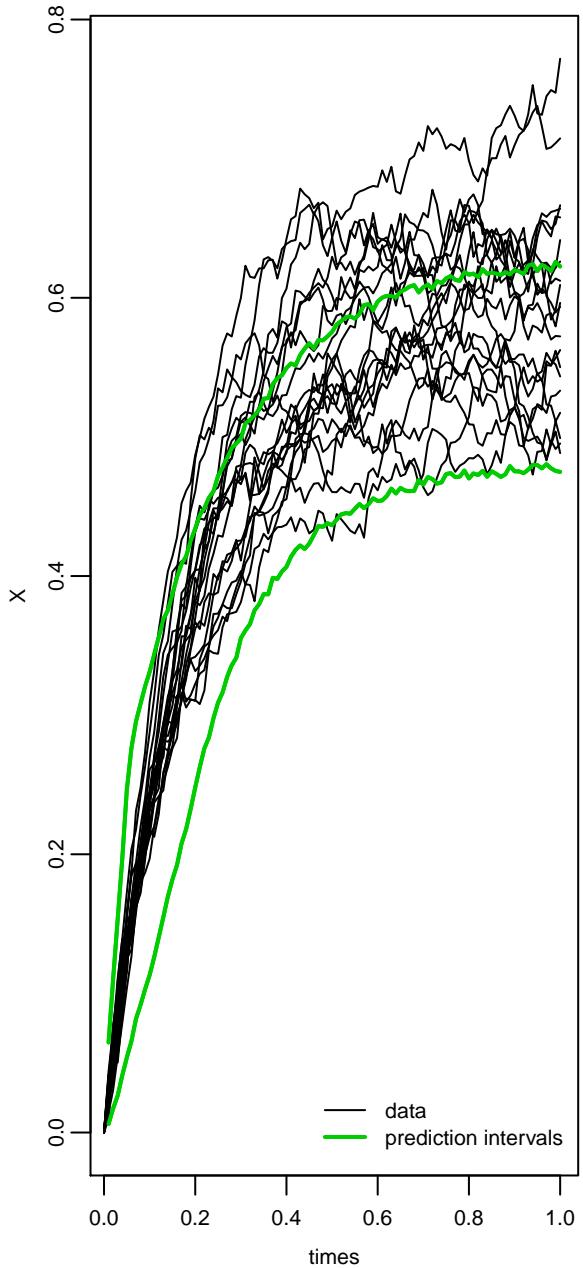


help("mixedsde.fit")

### credibility intervals

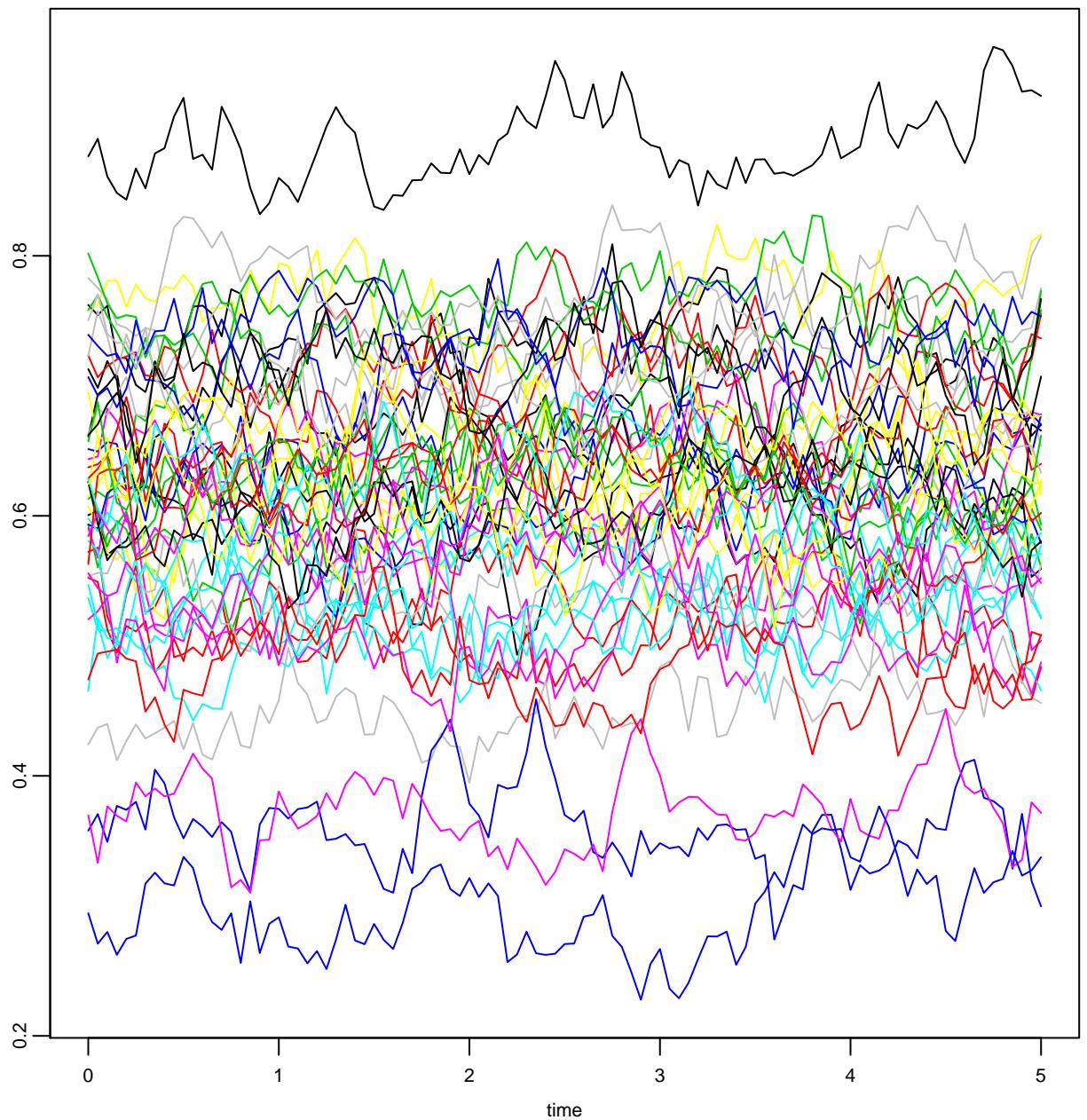


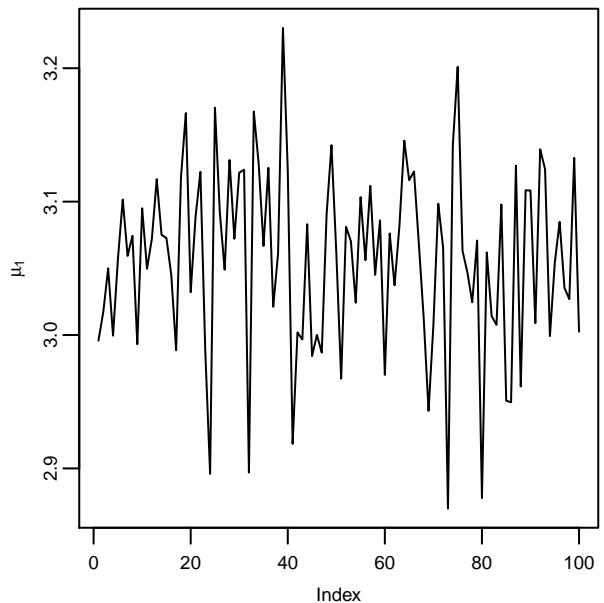
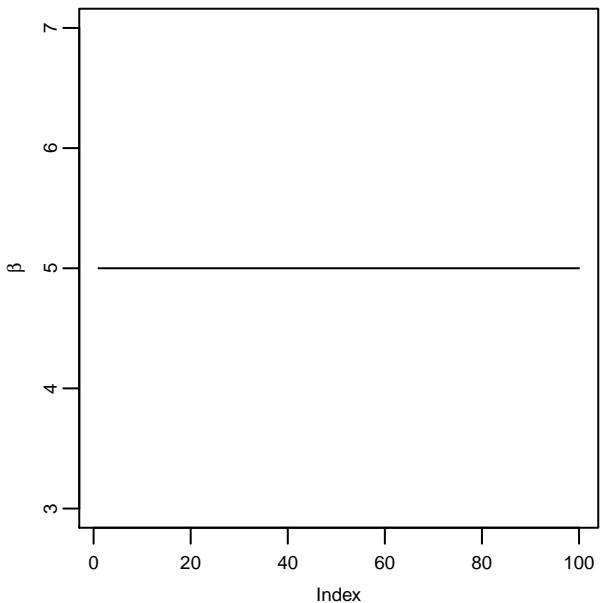
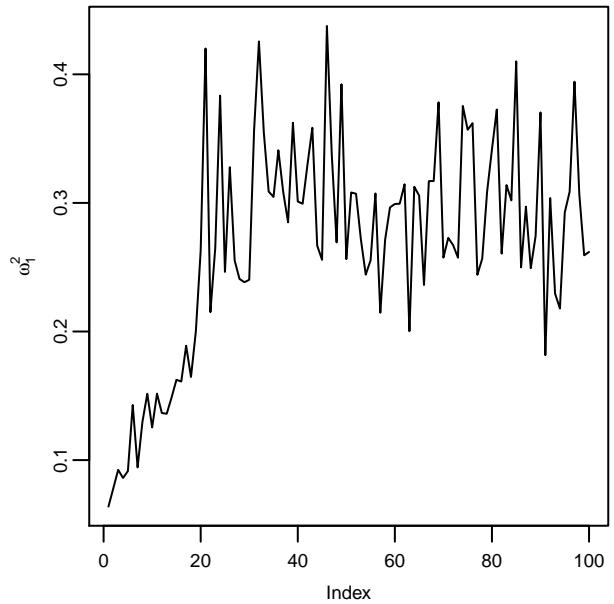
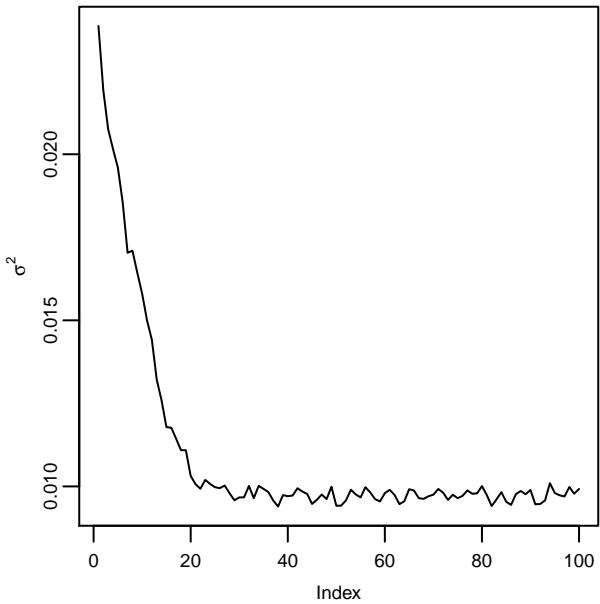
— credibility interval • posterior mean ● true values



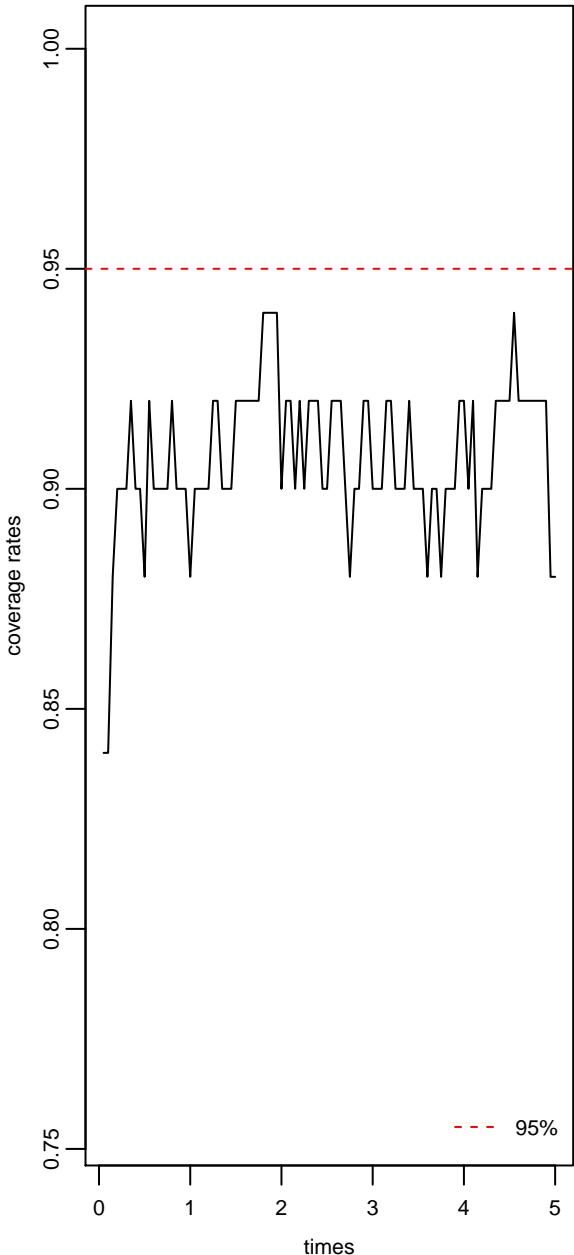
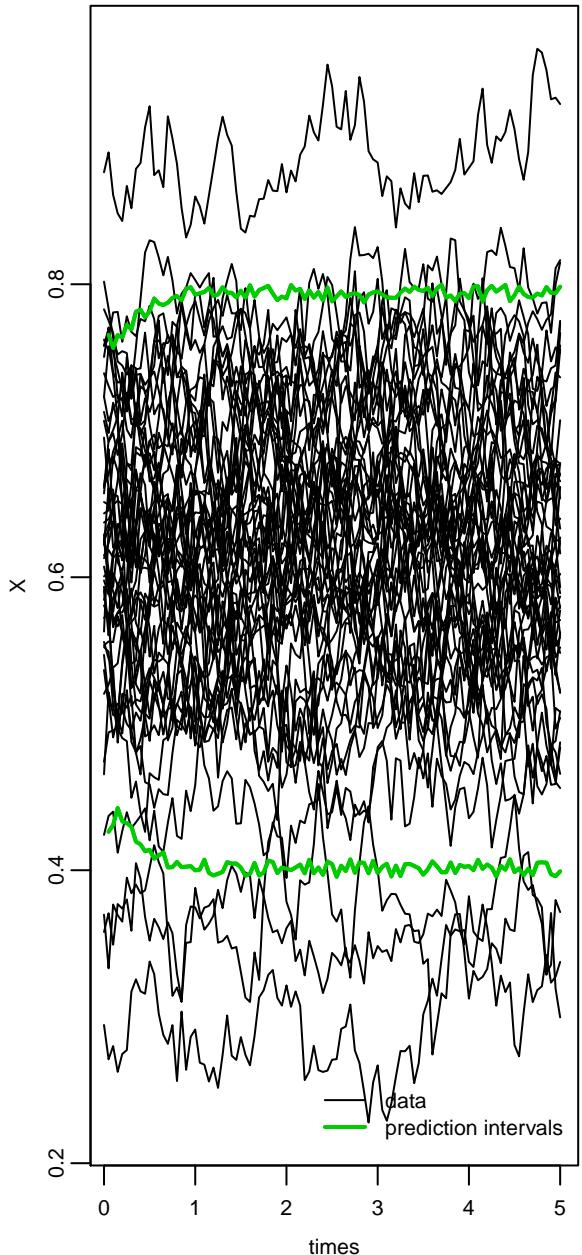
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help("mixedsde.fit")



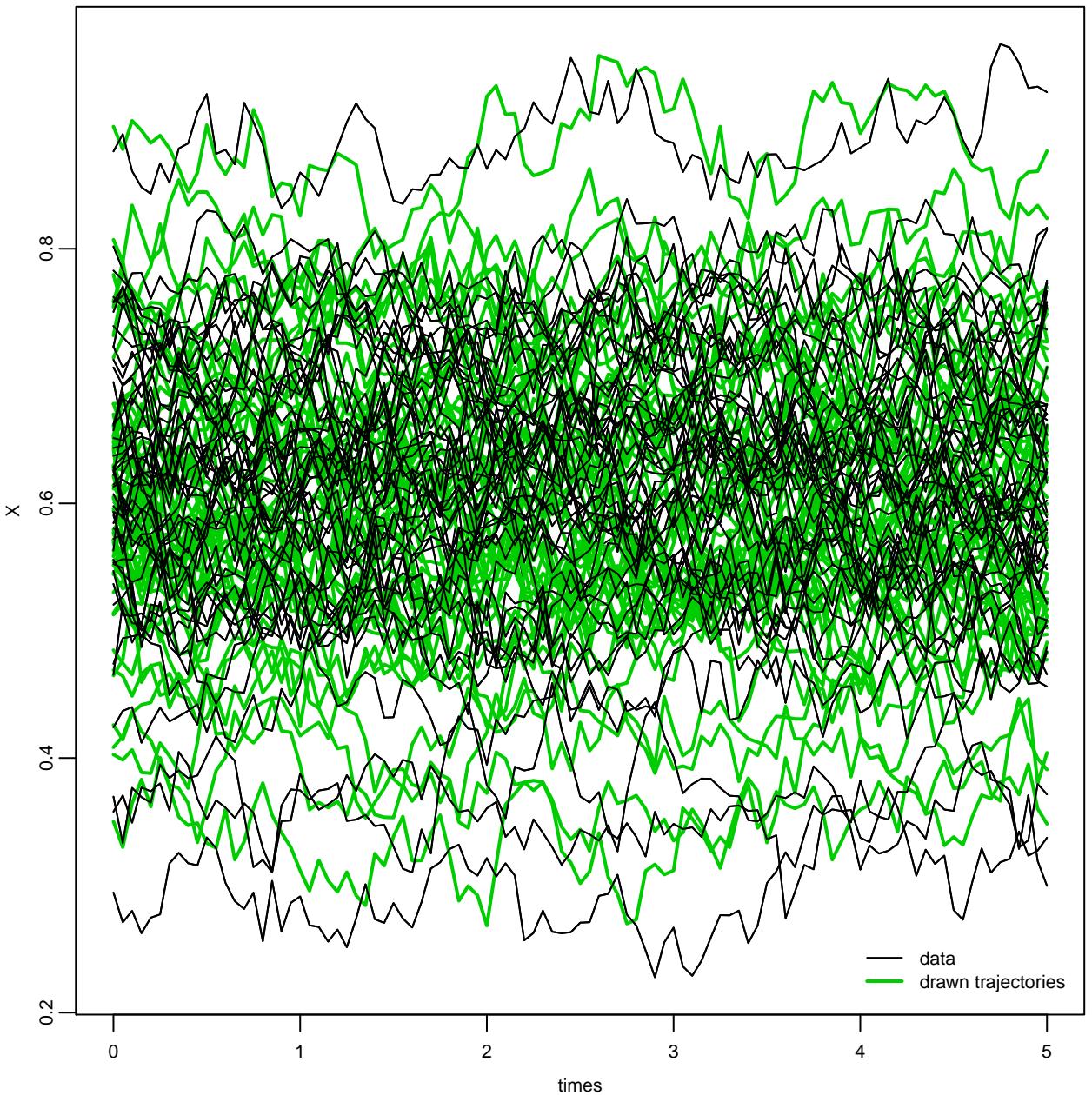
**Markov Chain****Markov Chain****Markov Chain****Markov Chain**

help("mixedsde.fit")

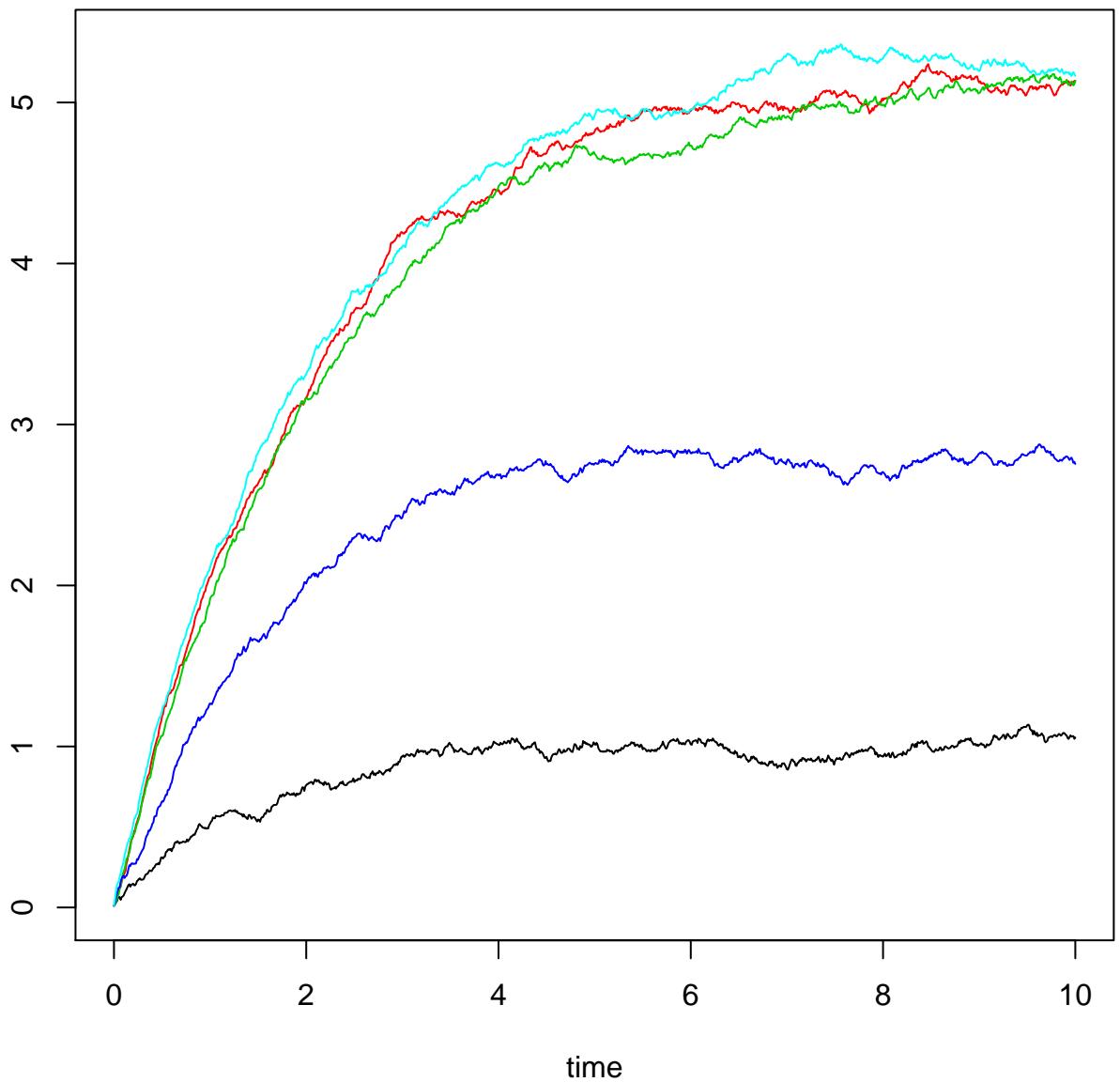


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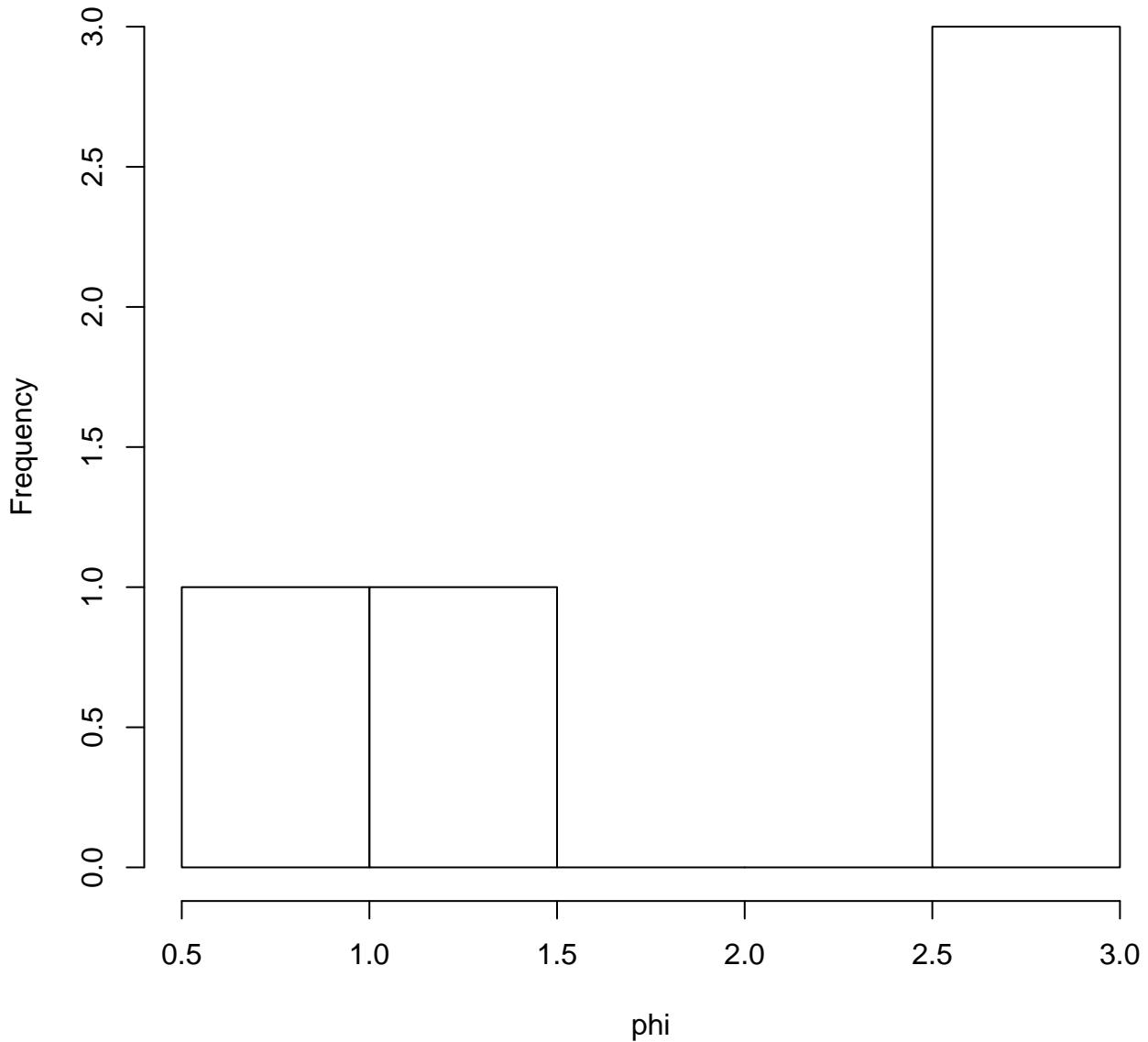
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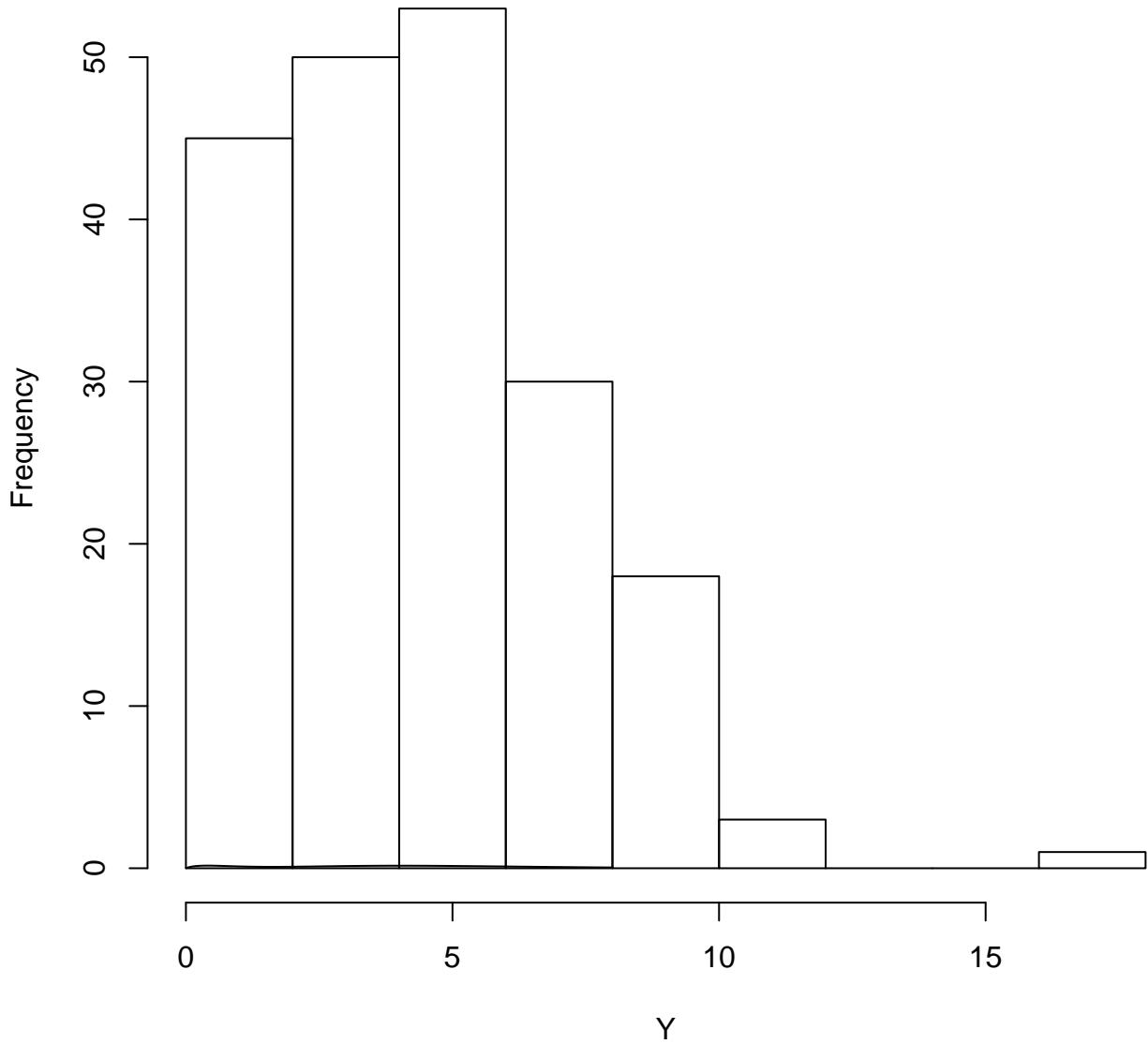


## Histogram of phi

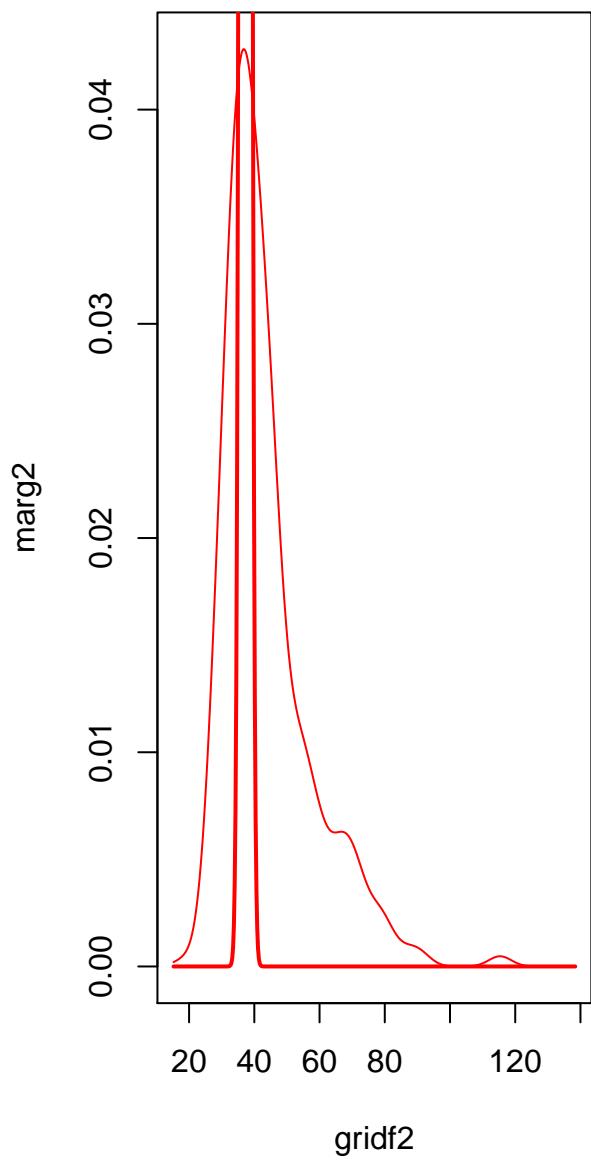
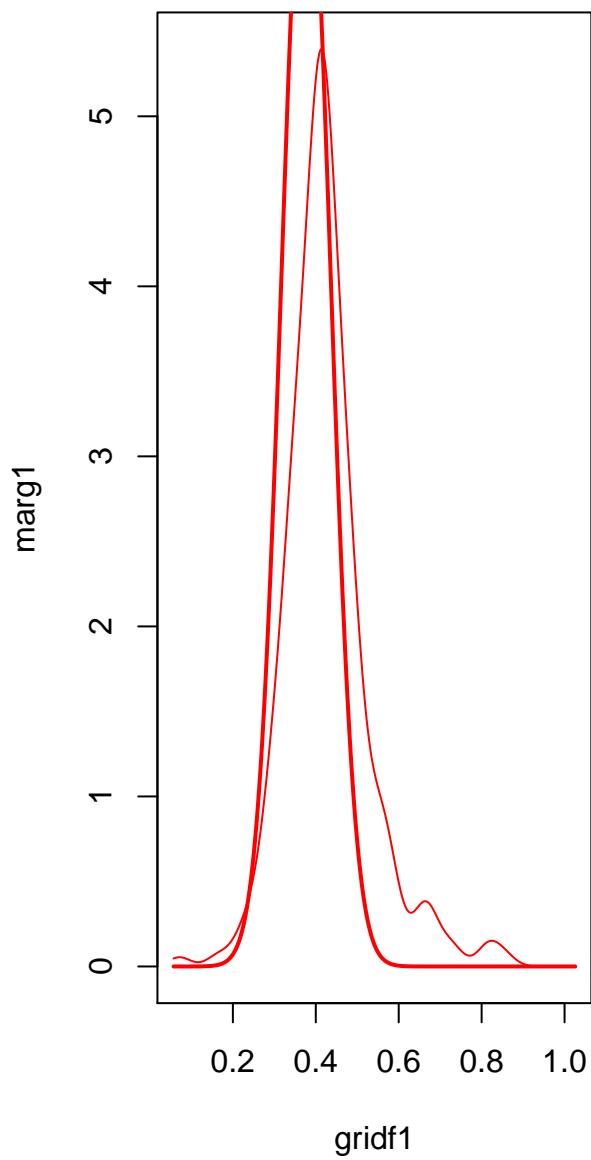


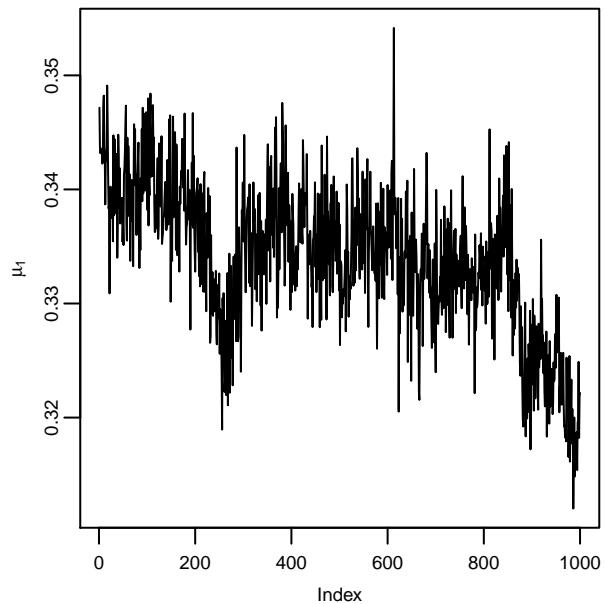
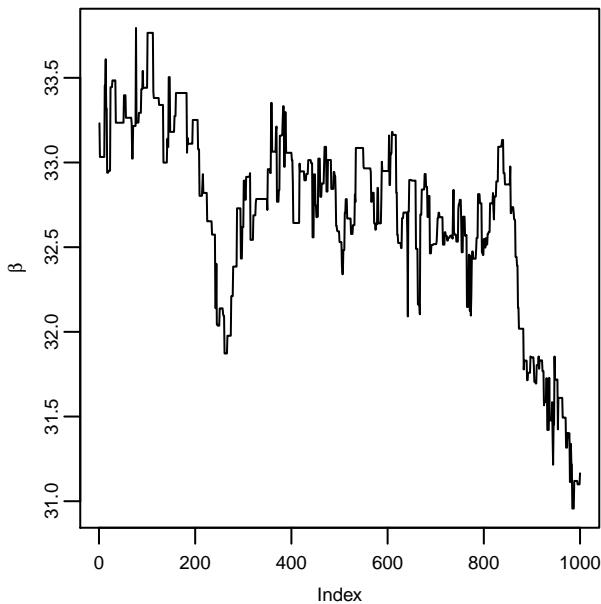
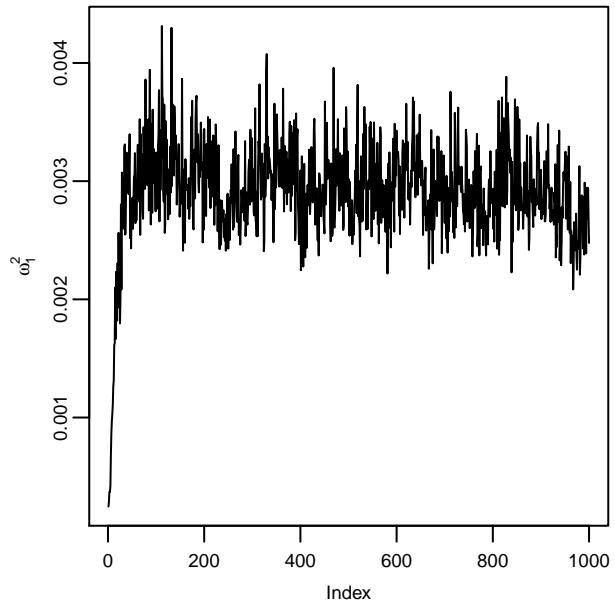
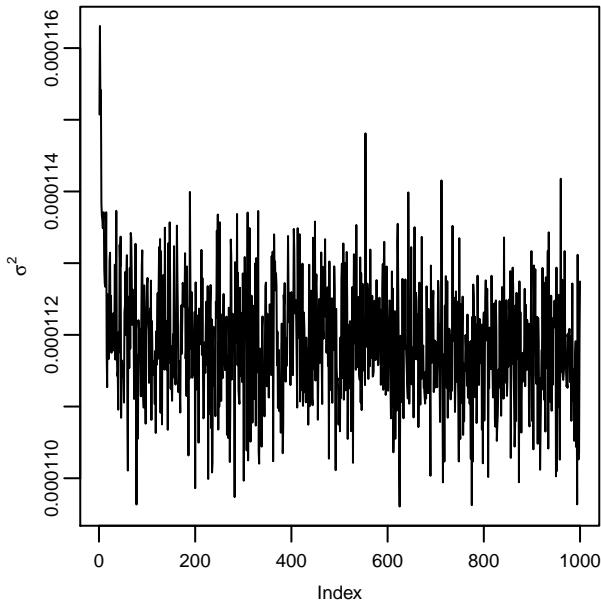
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## Histogram of Y

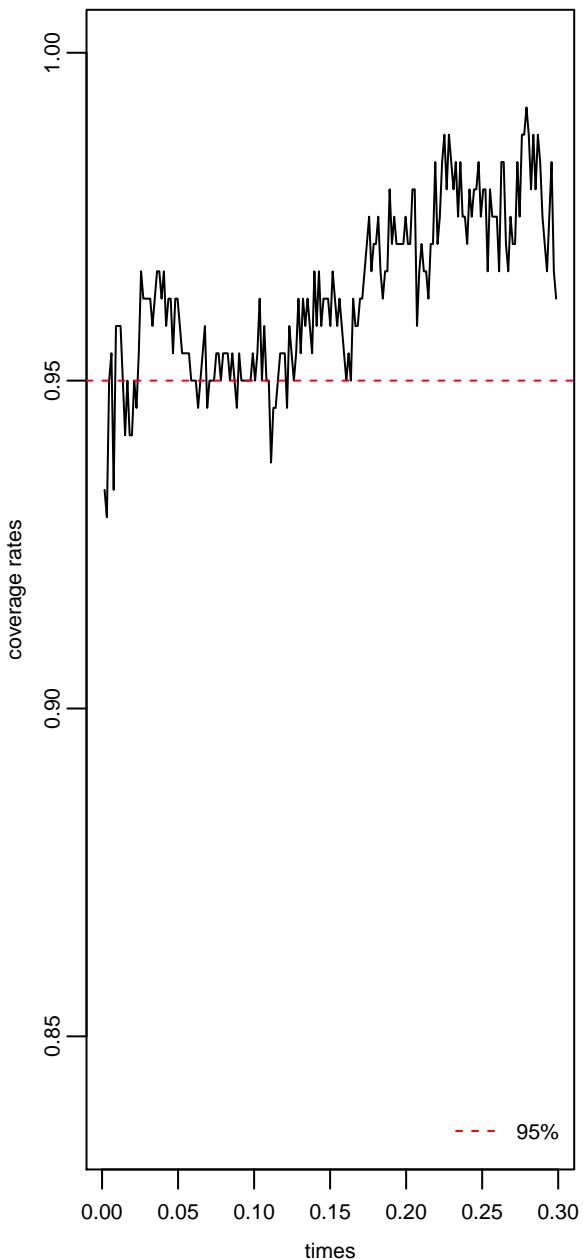
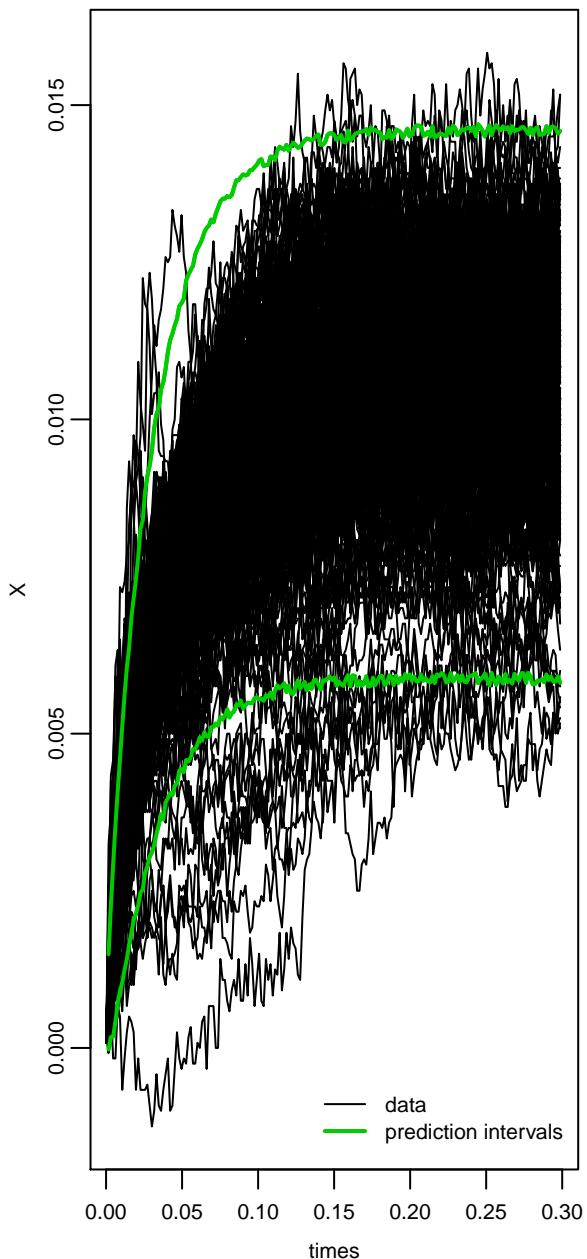


help("mixture.sim")



**Markov Chain****Markov Chain****Markov Chain****Markov Chain**

help("neuronal.data")



help("neuronal.data")

help("neuronal.data")

