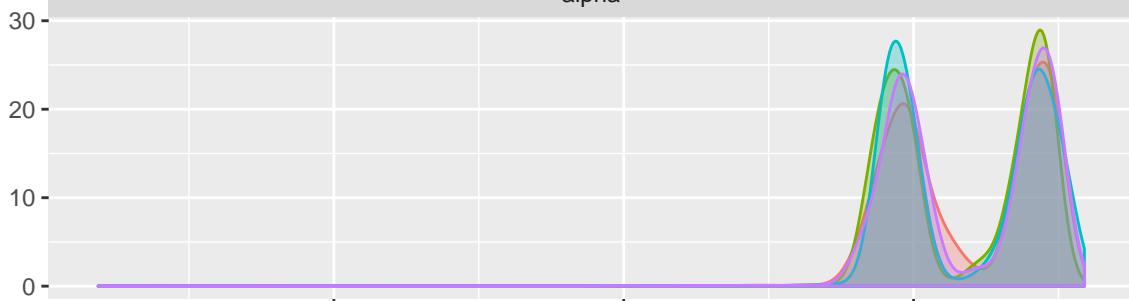
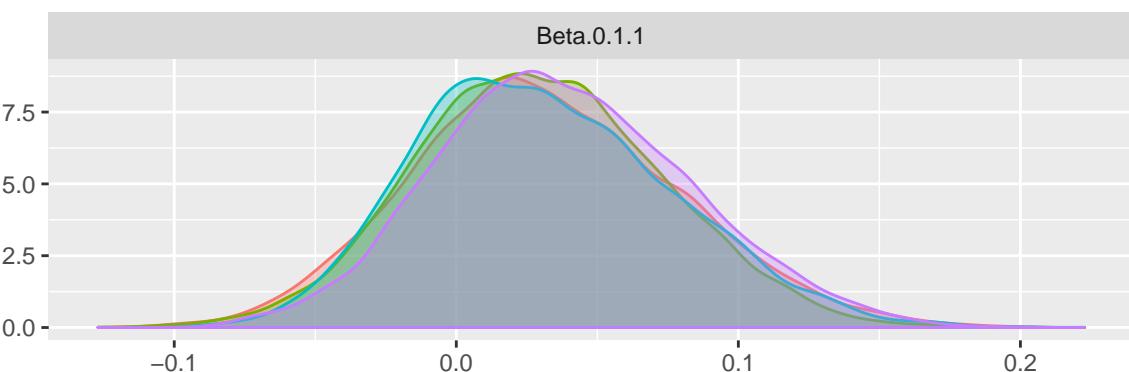


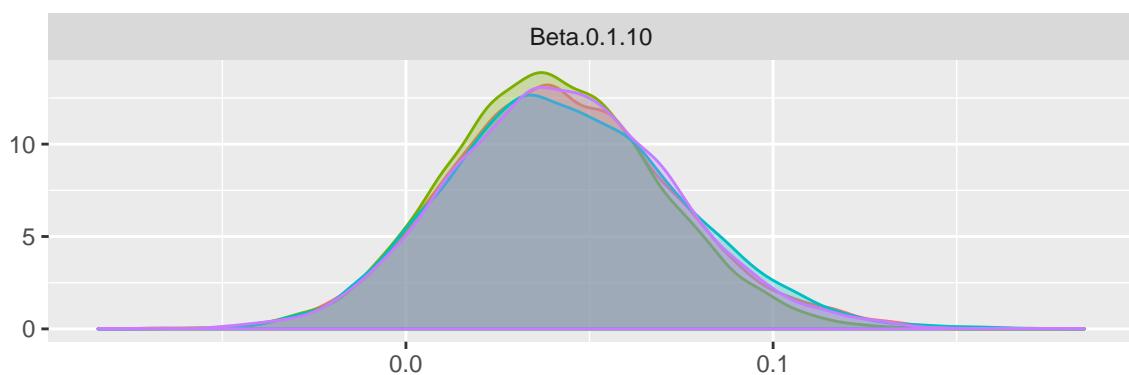
alpha



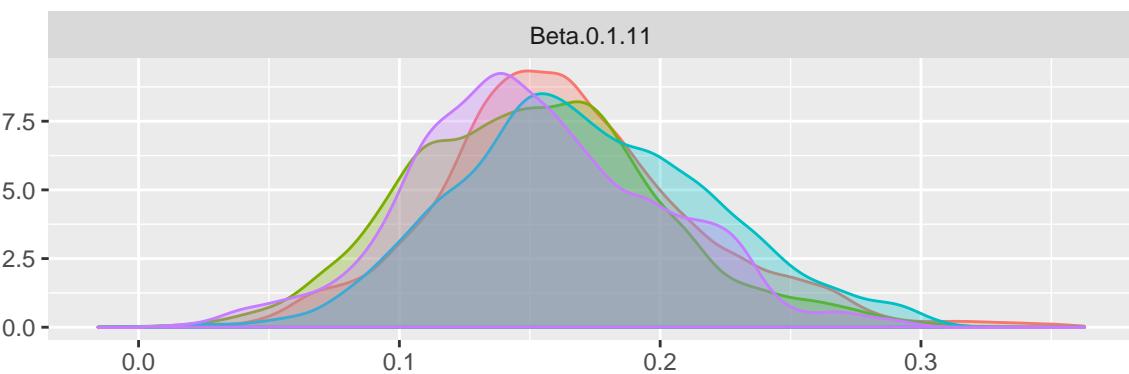
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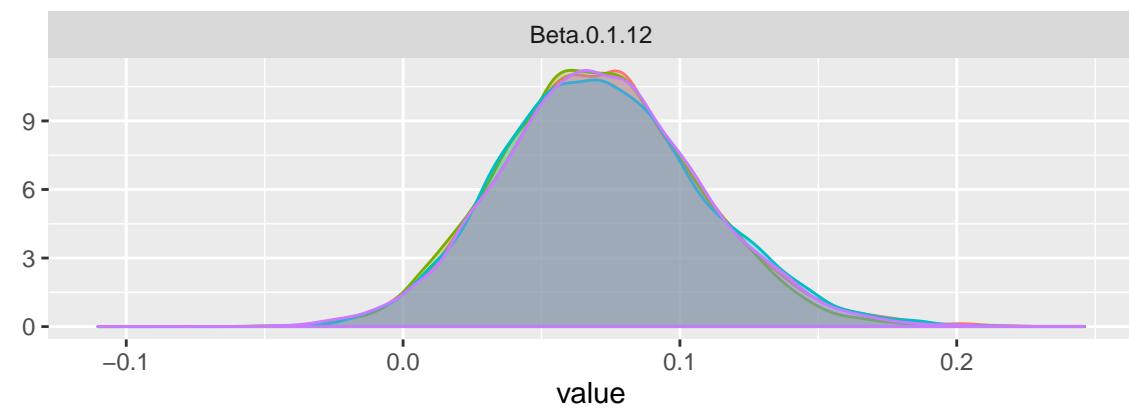
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Beta.0.1.11



Beta.0.1.12

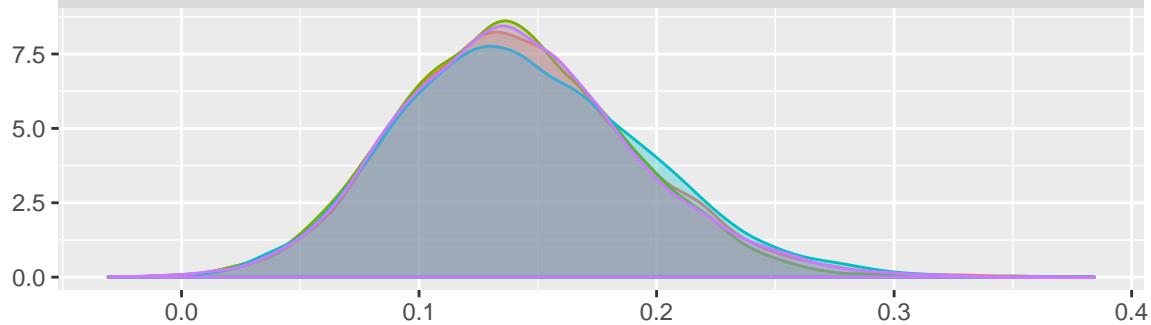


Chain

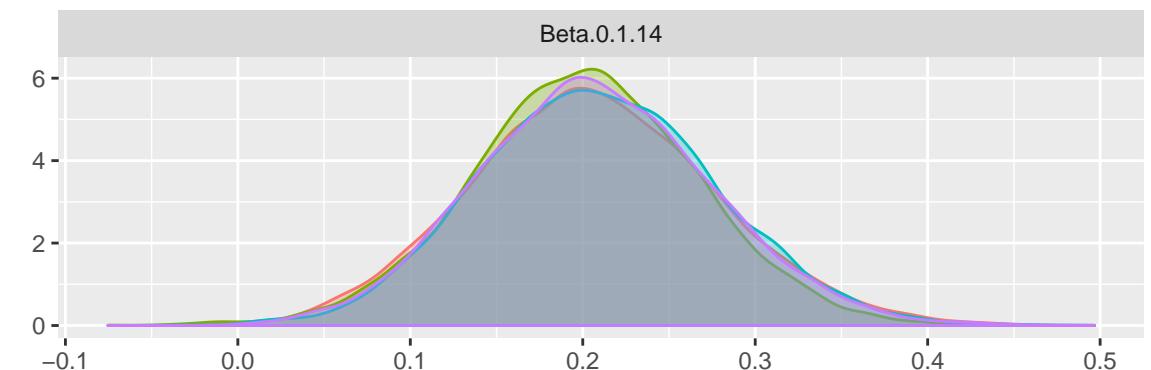
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value

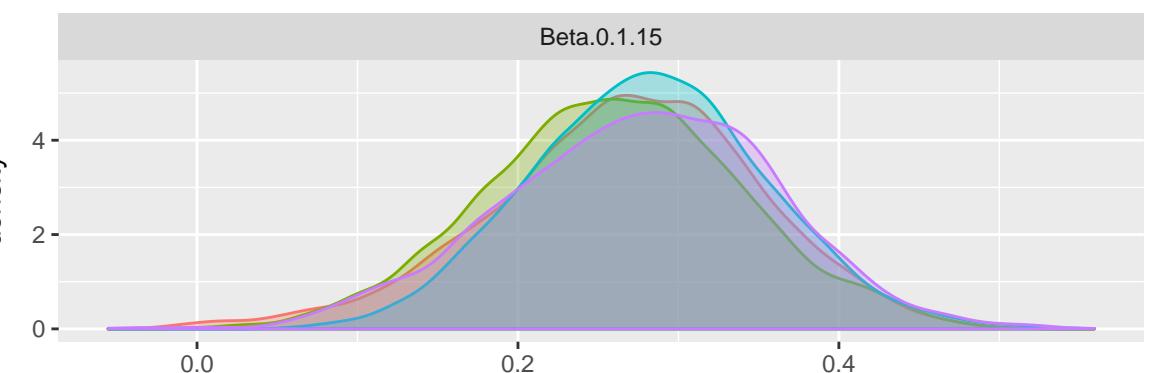
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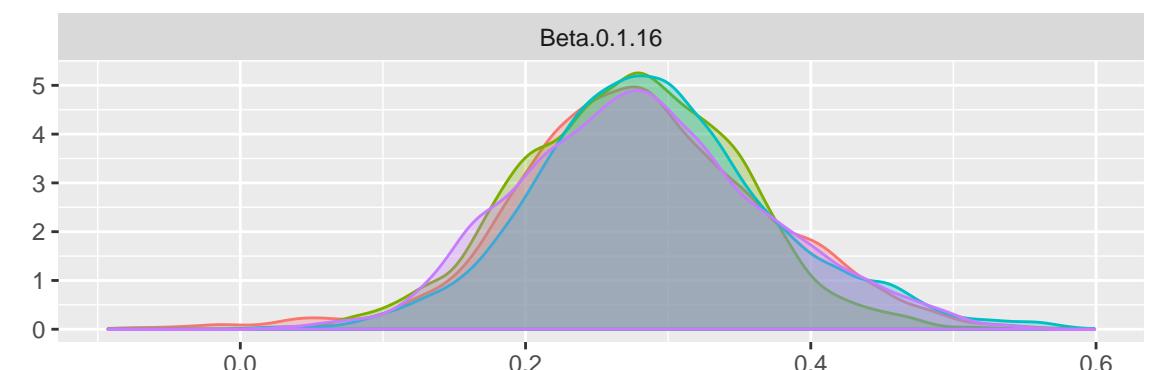
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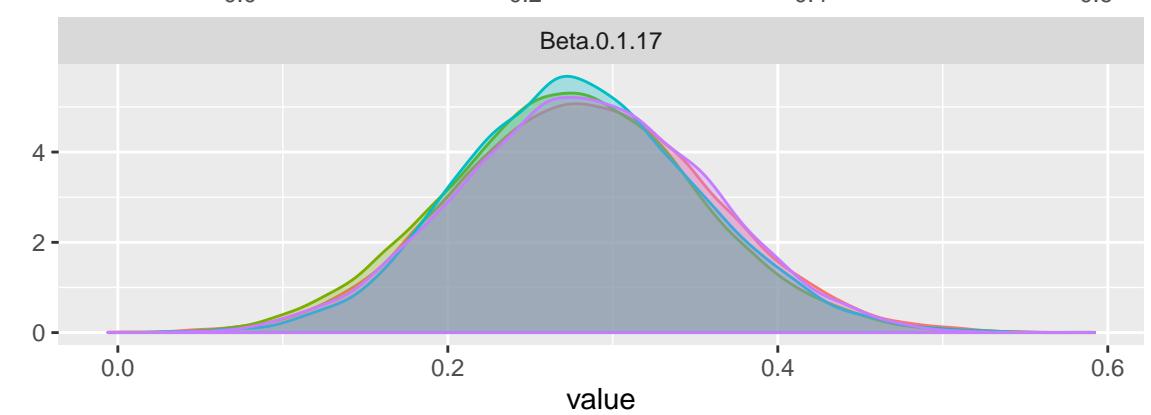
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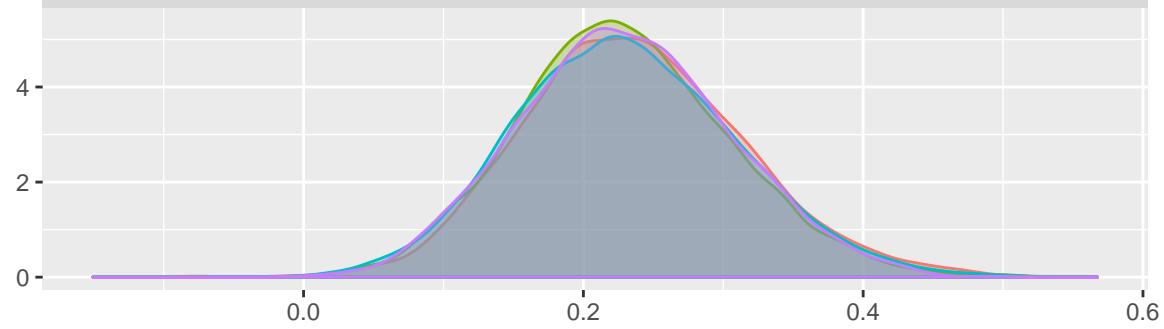
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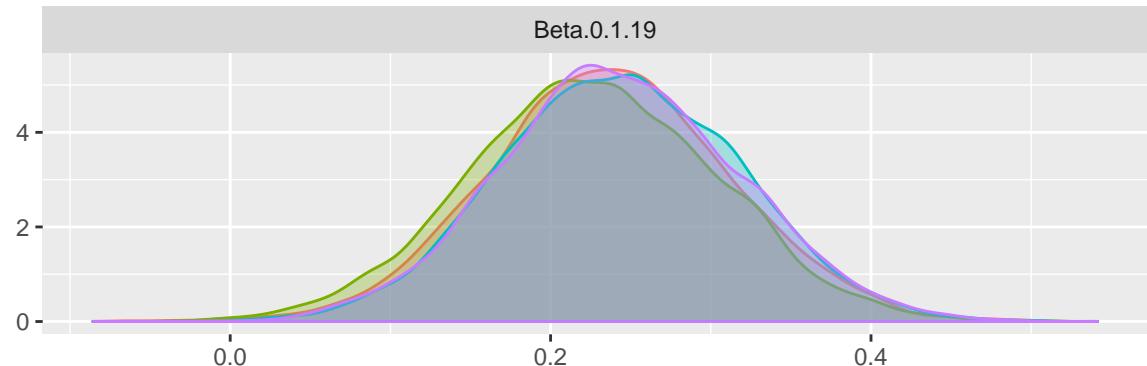
Chain

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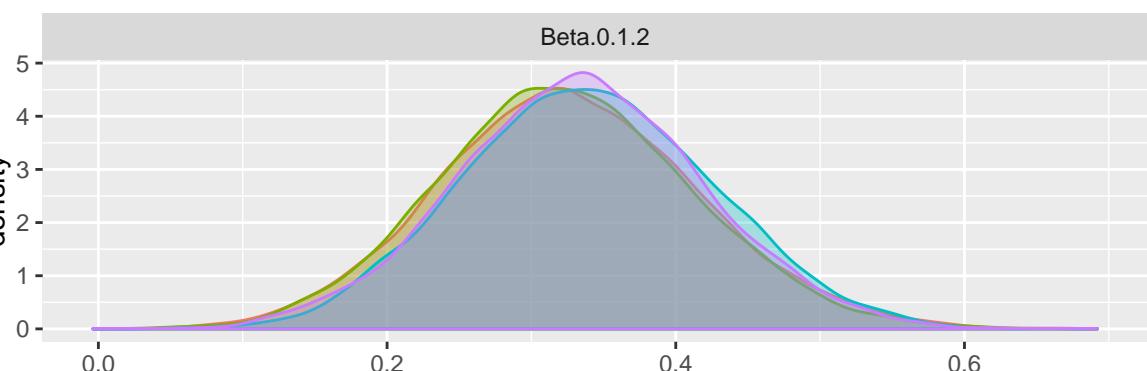
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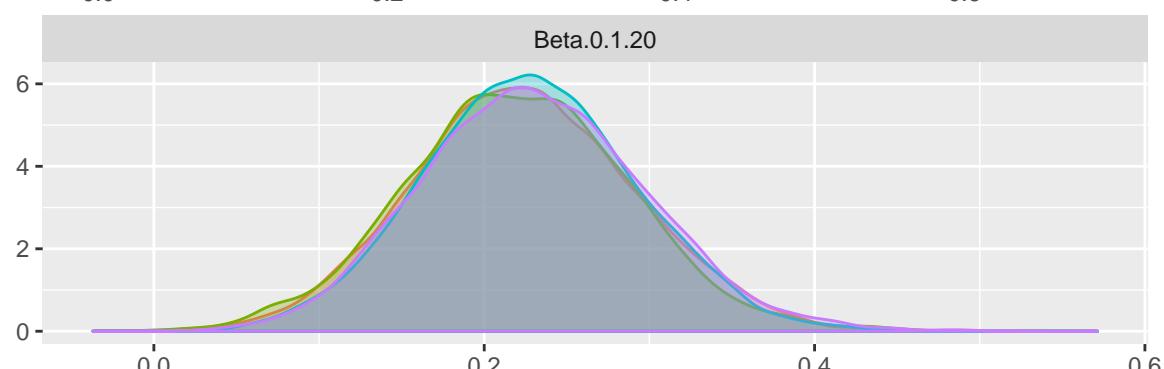
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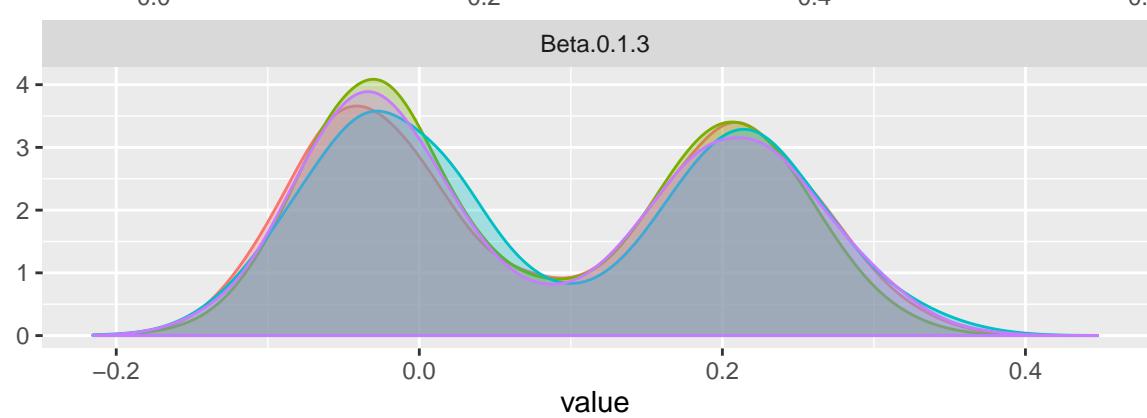
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Beta.0.1.20

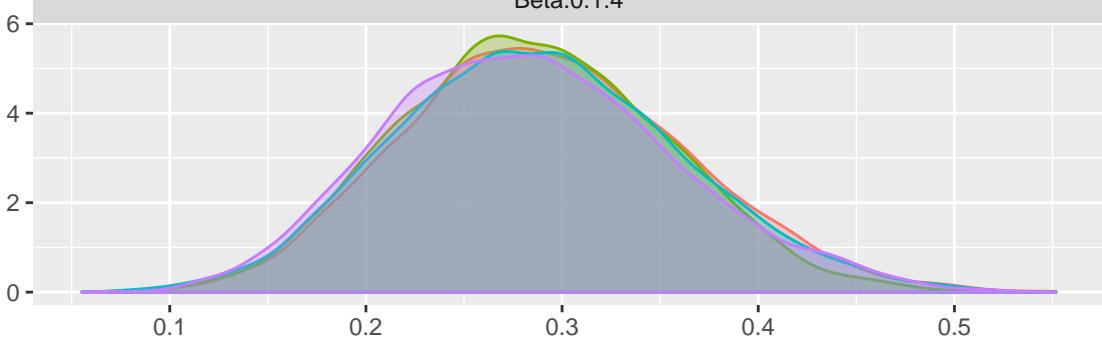


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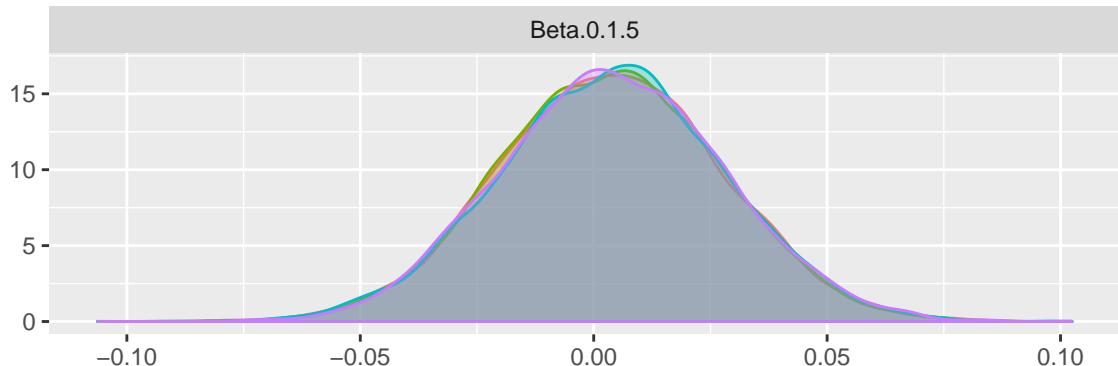


Chain  
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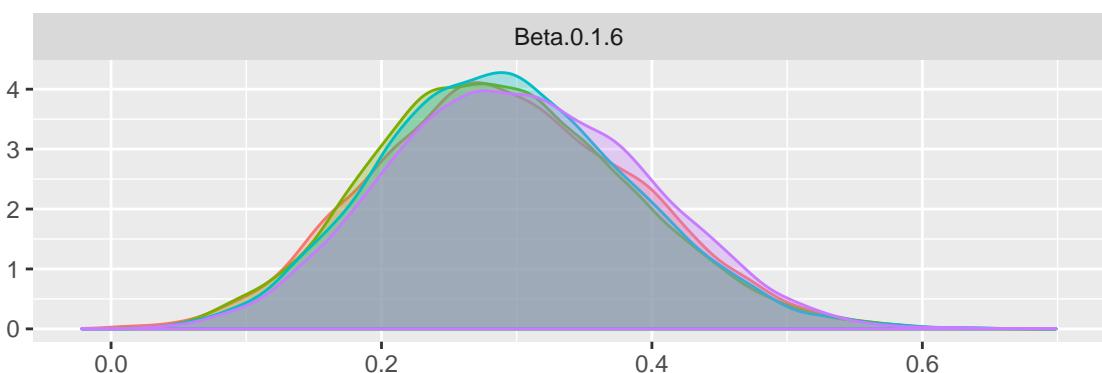
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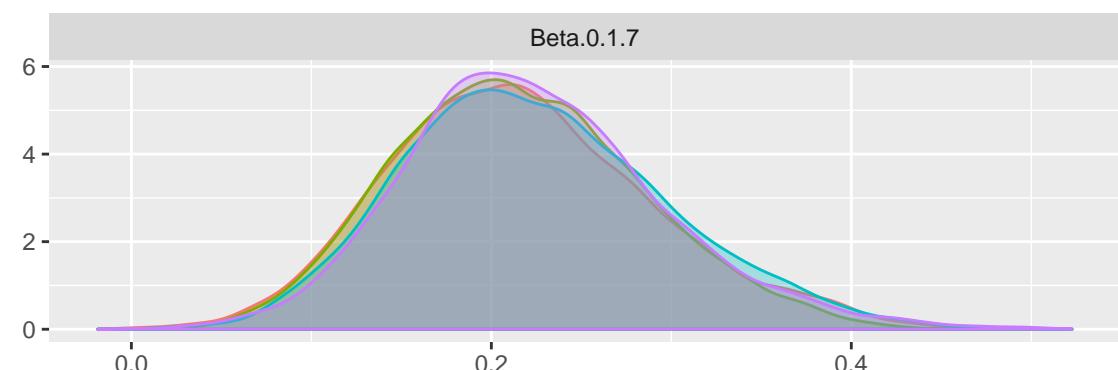
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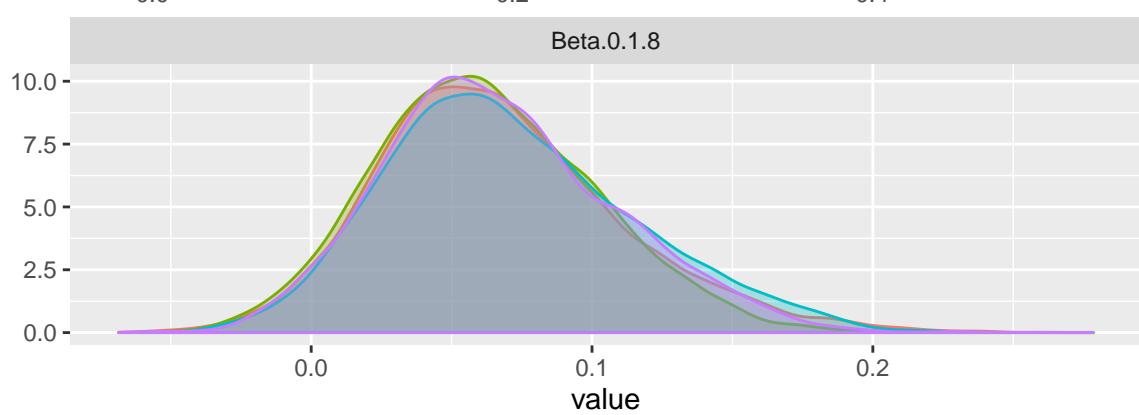
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Beta.0.1.7

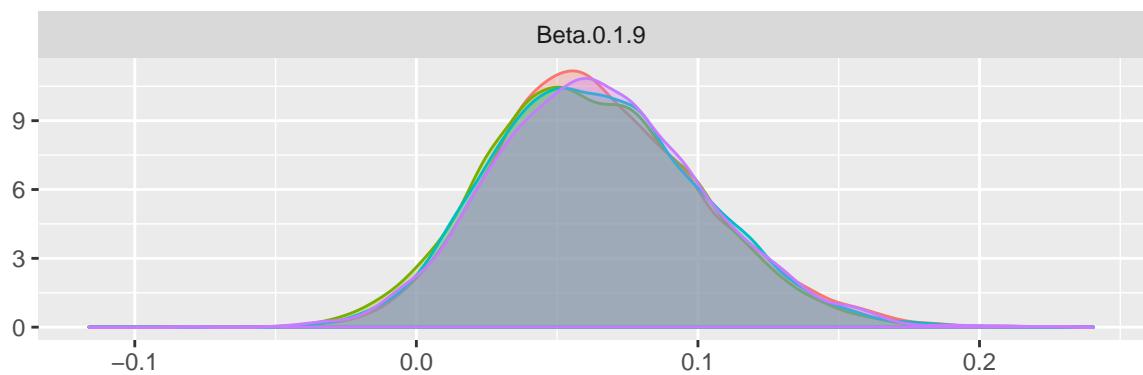


Beta.0.1.8

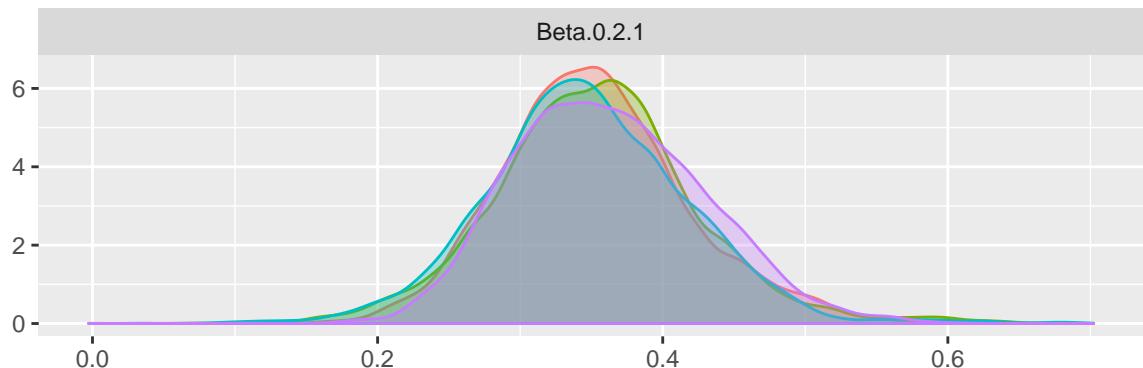


Chain  
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4

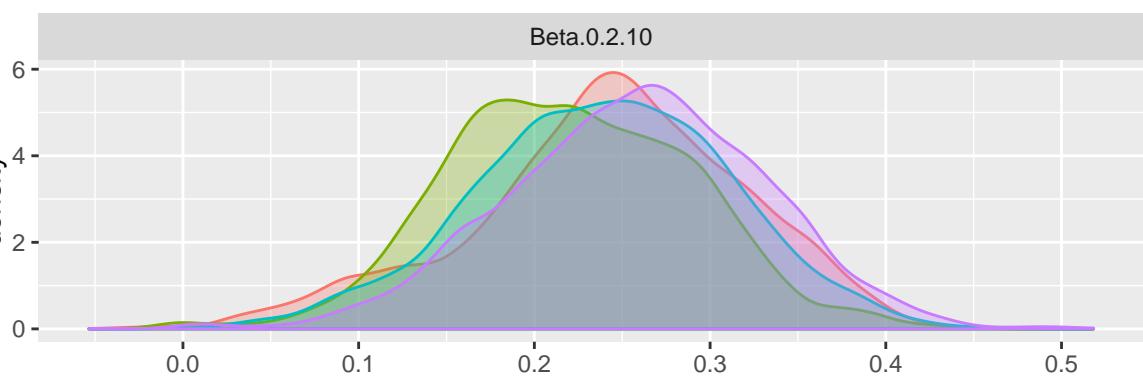
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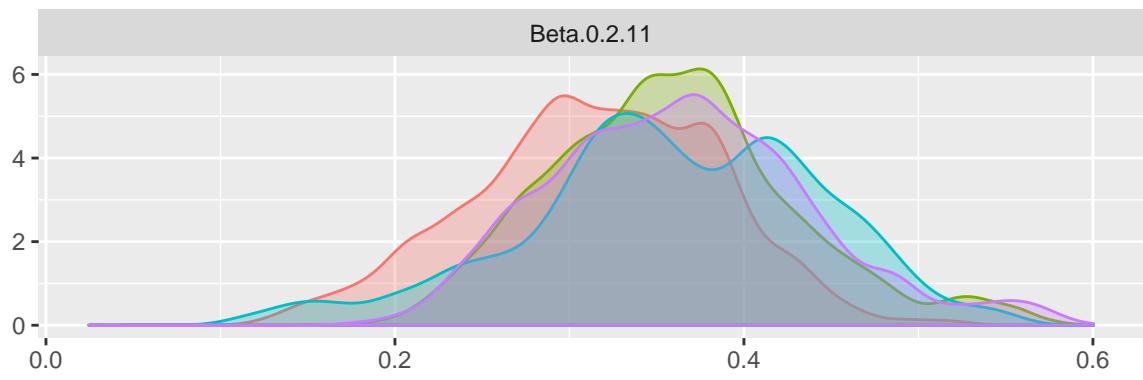
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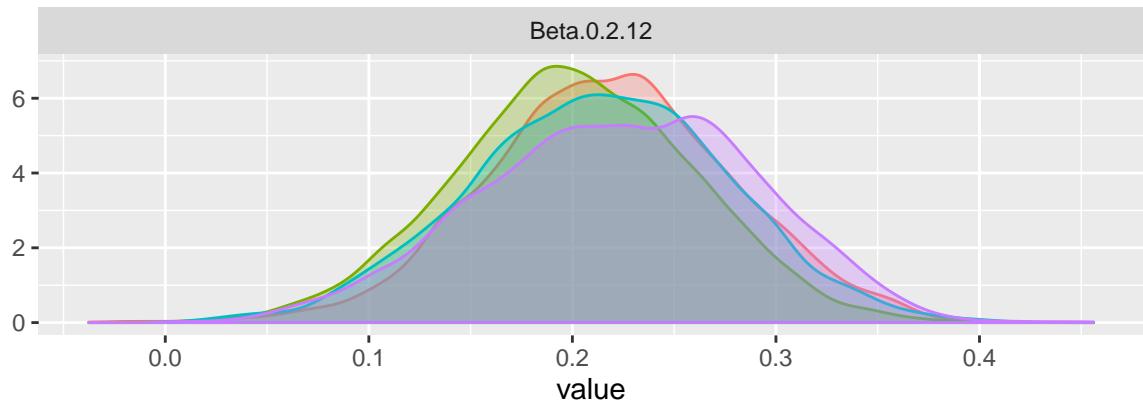
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Beta.0.2.11

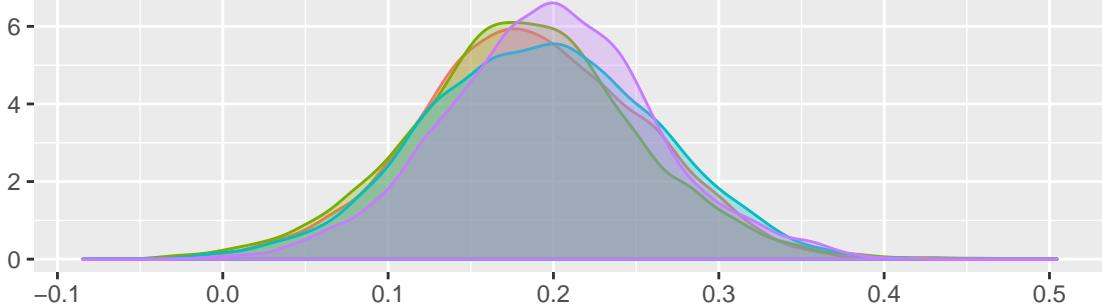


Beta.0.2.12

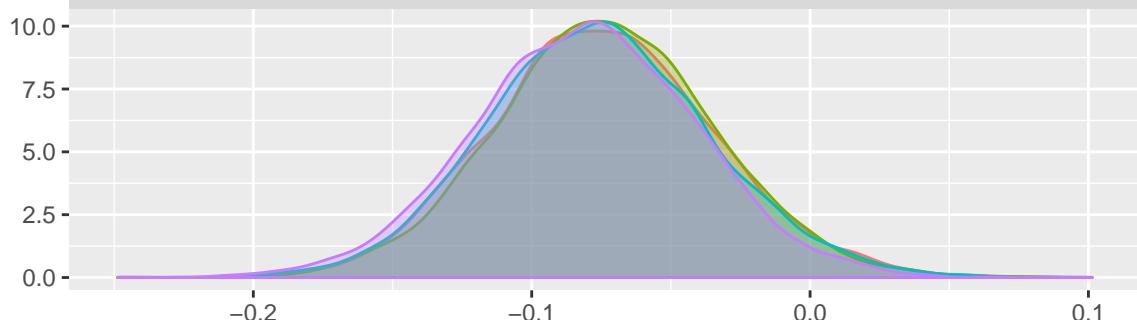


Chain  
1  
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4

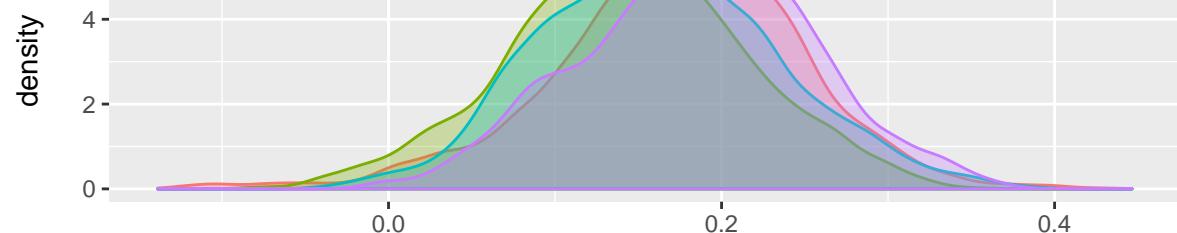
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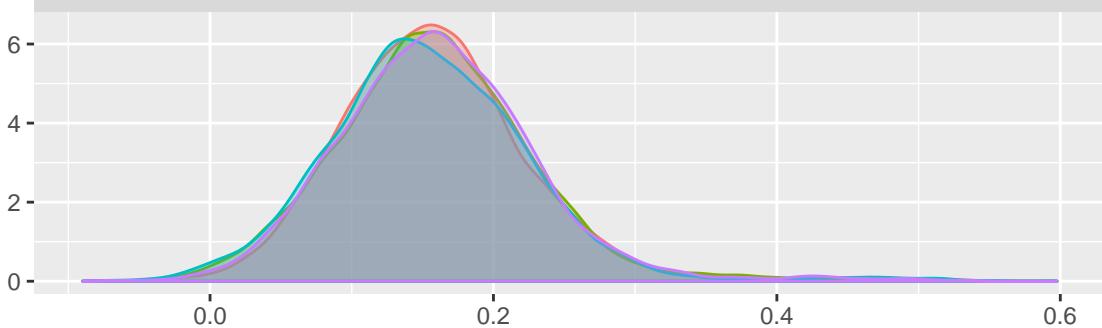
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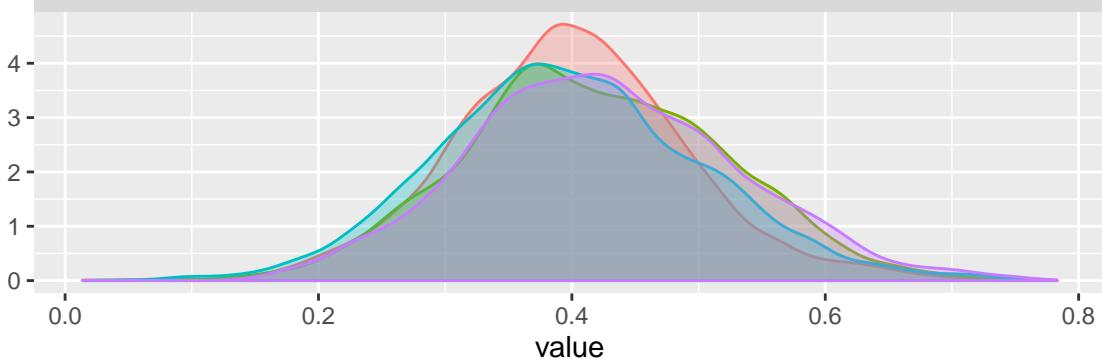
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Beta.0.2.16



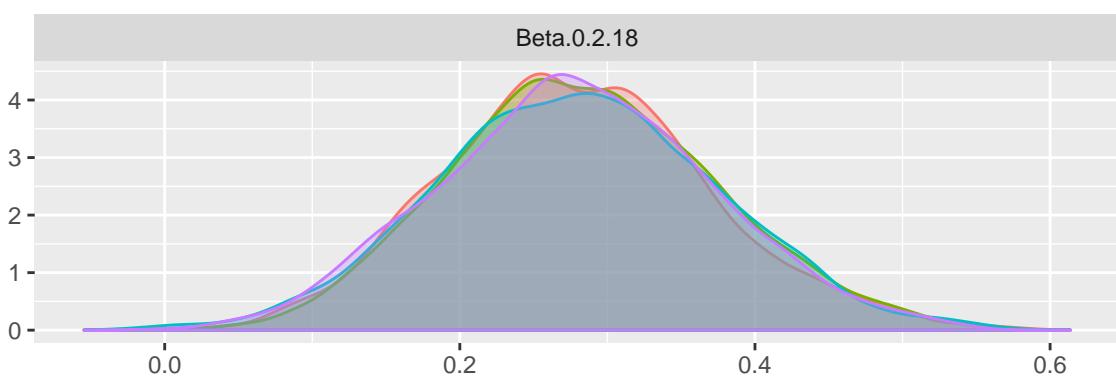
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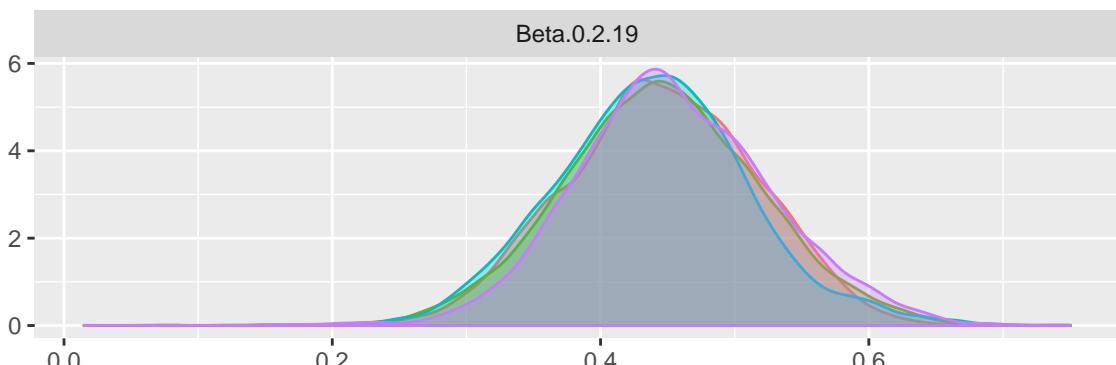
Chain

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- █ 2
- █ 3
- █ 4

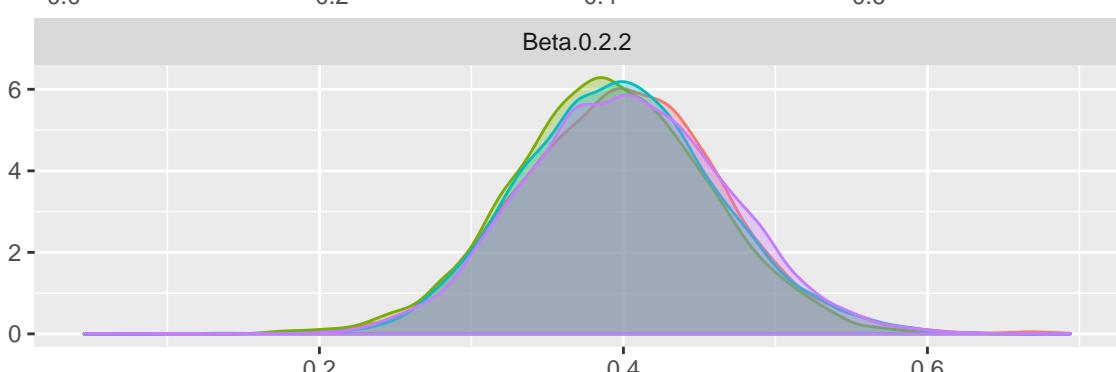
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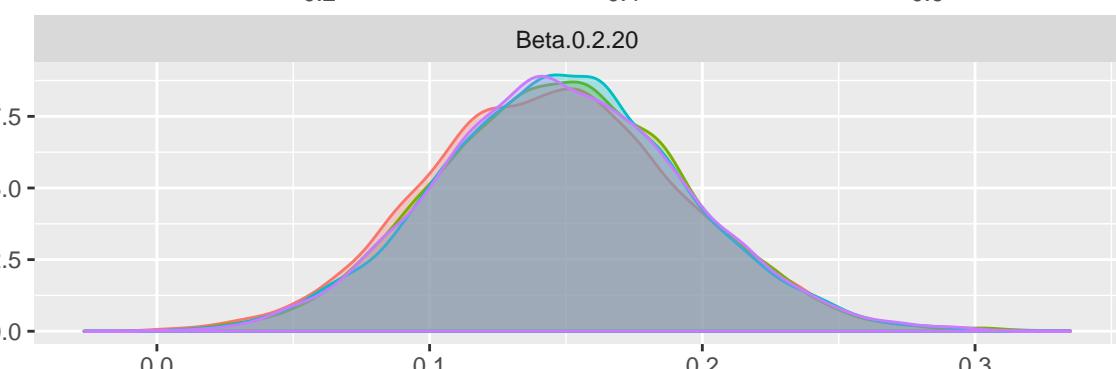
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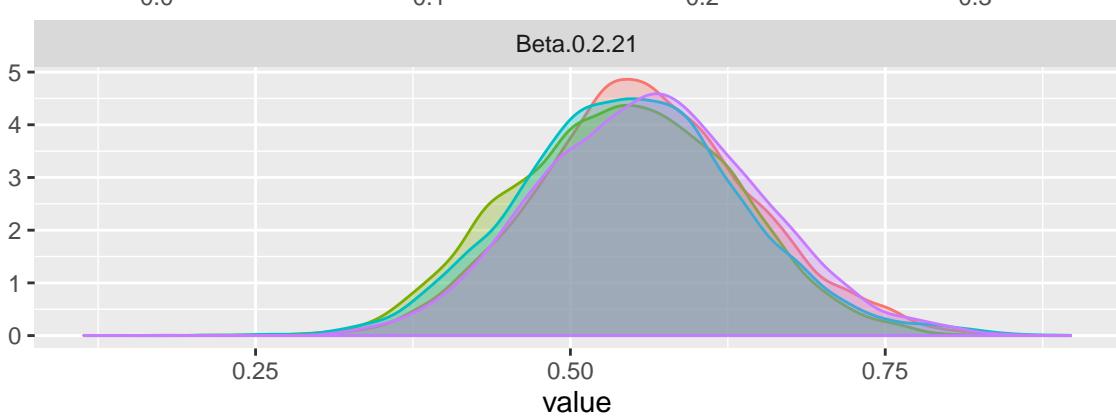
Beta.0.2.2



Beta.0.2.20



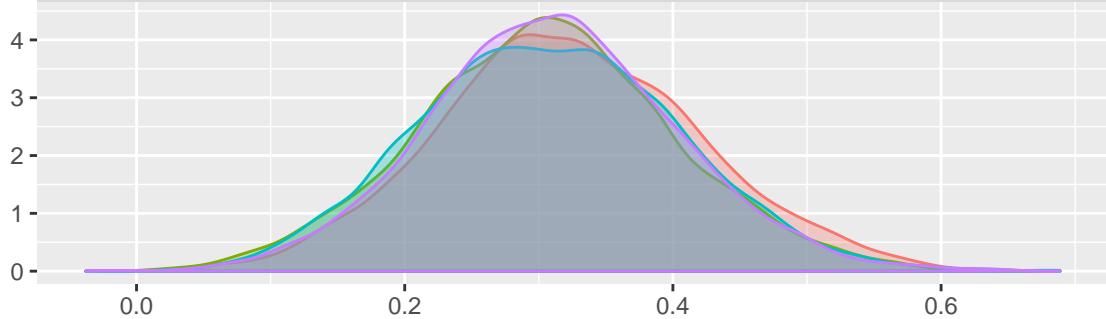
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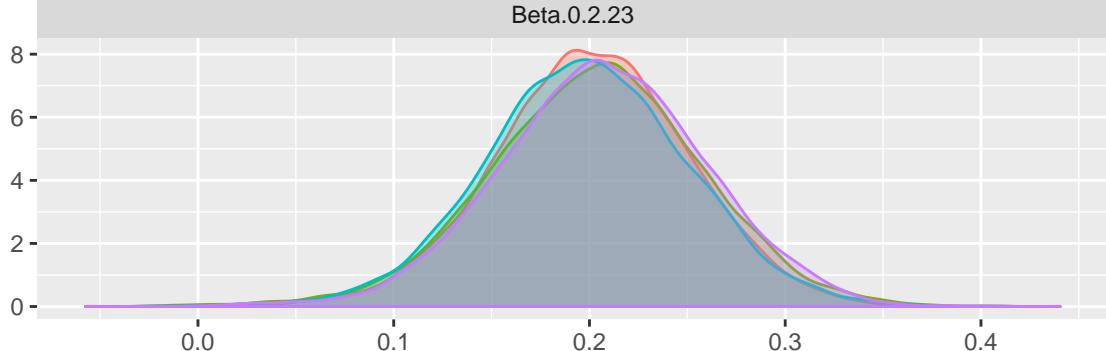
Chain

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- 2
- 3
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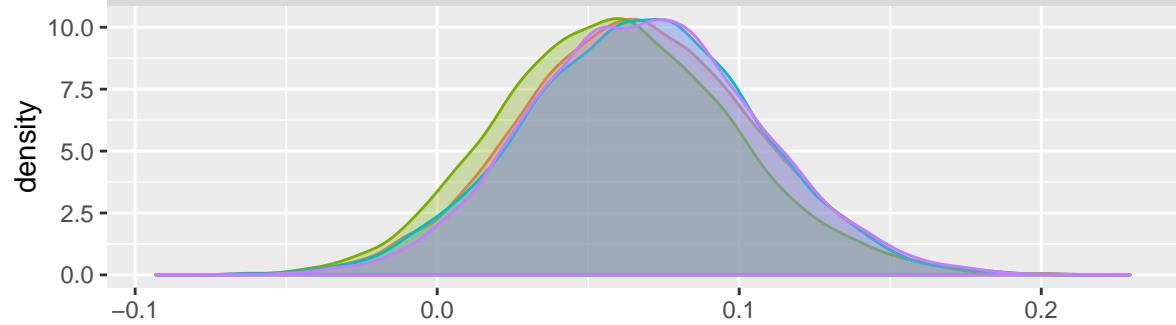
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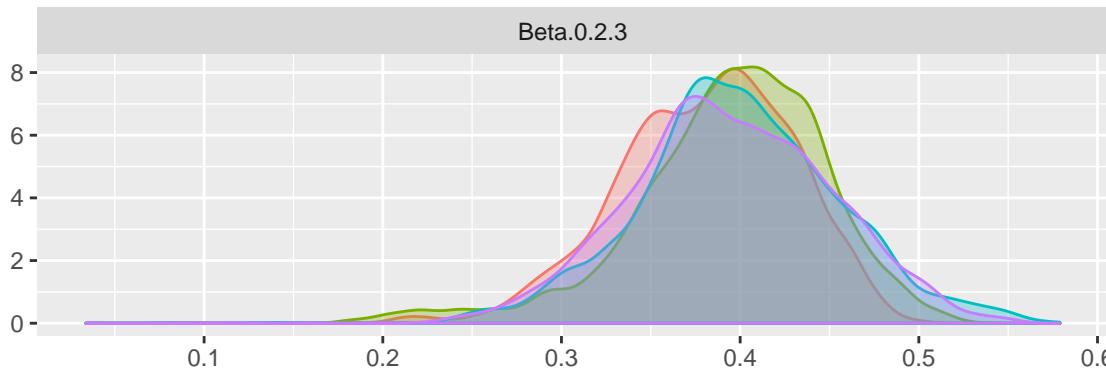
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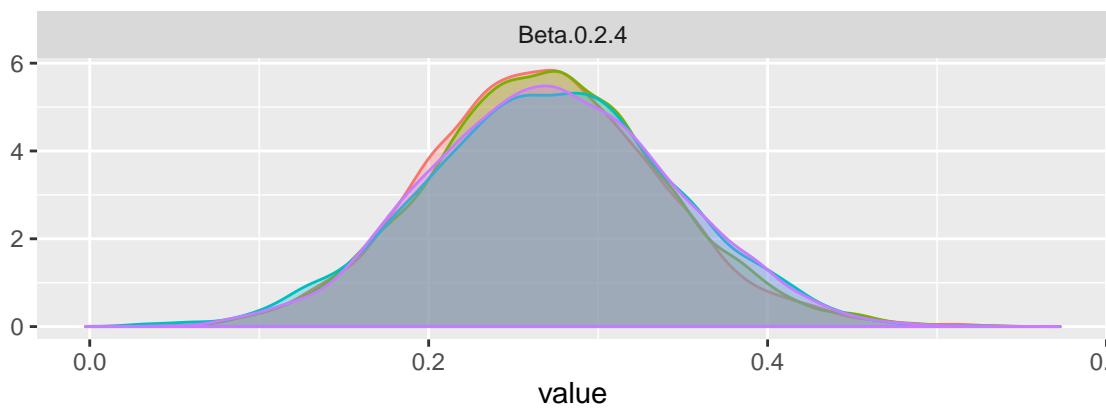
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Beta.0.2.3



Beta.0.2.4

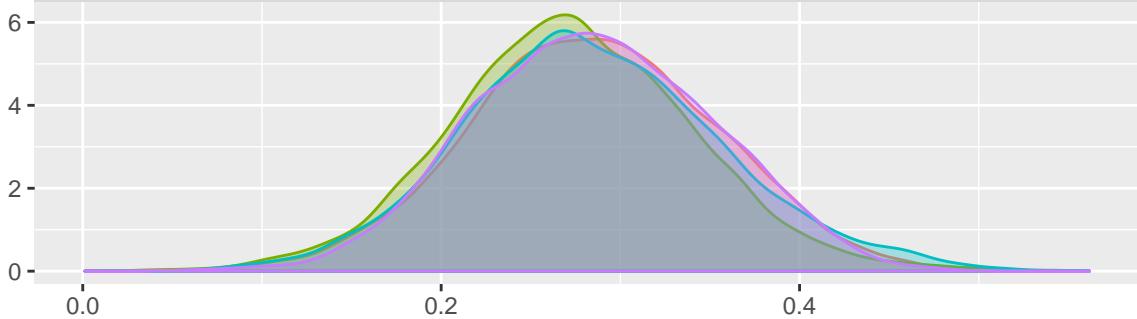


Chain

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- 3
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value

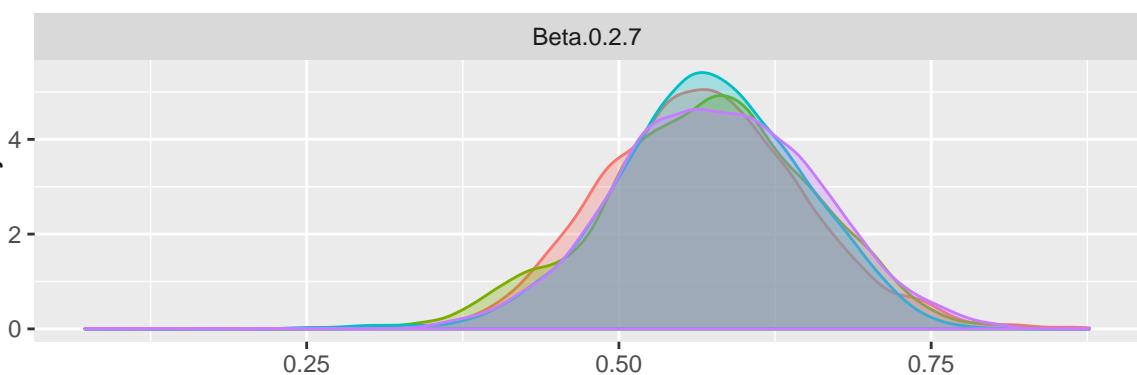
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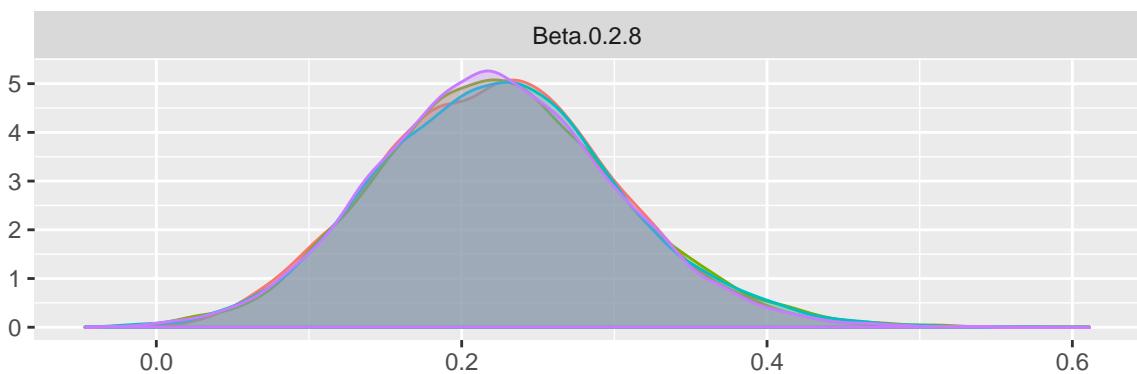
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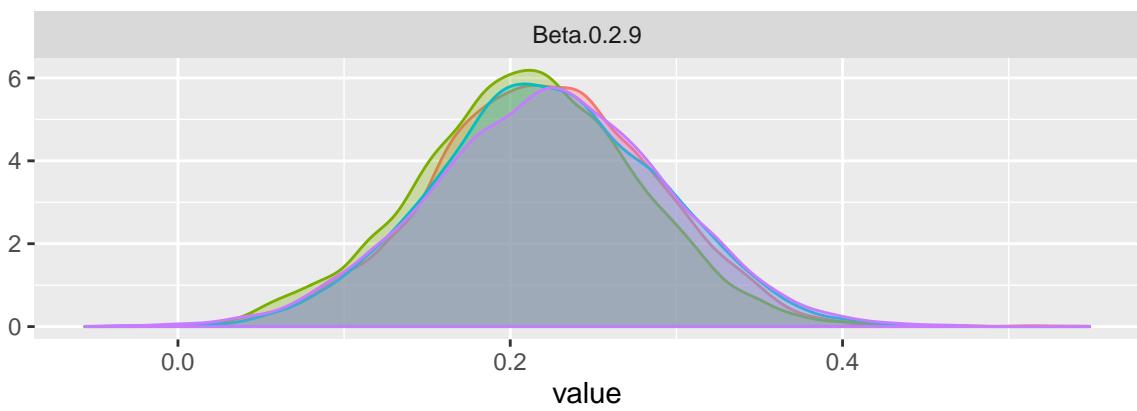
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Beta.0.2.8

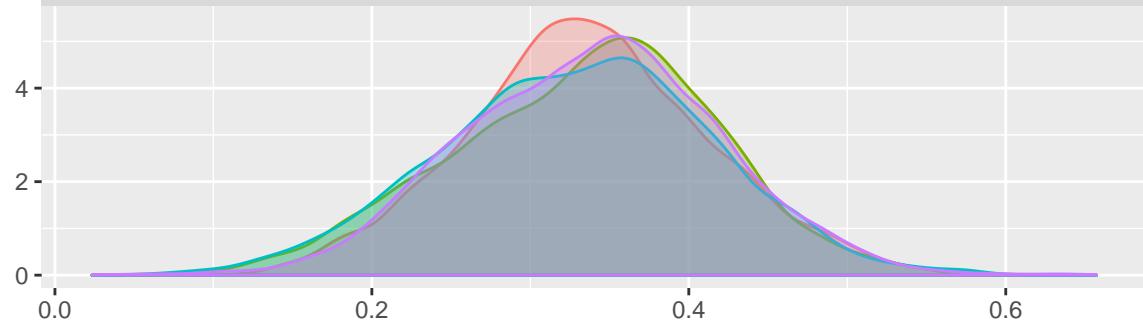


Beta.0.2.9

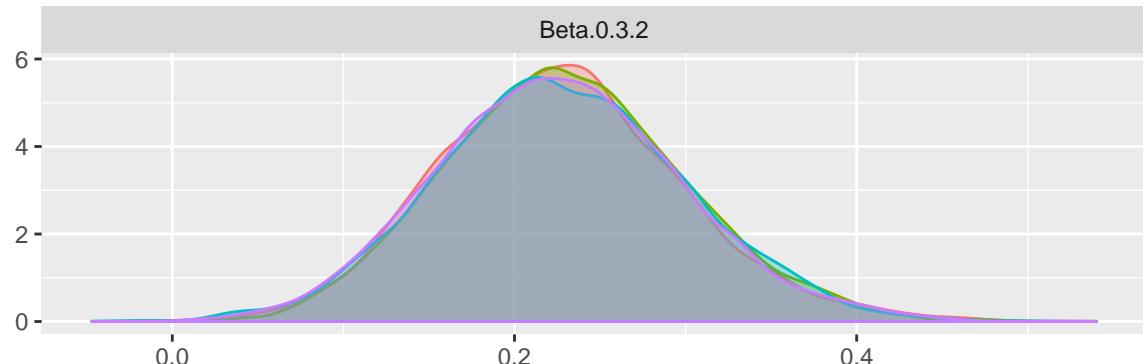


Chain  
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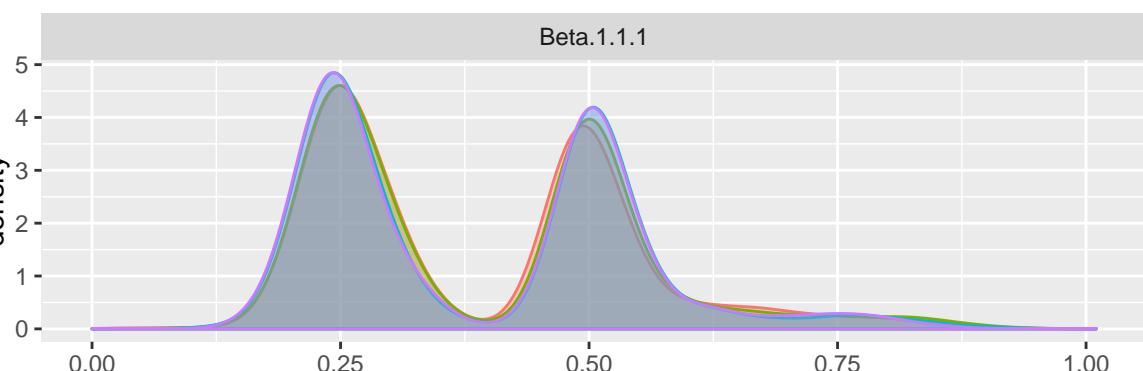
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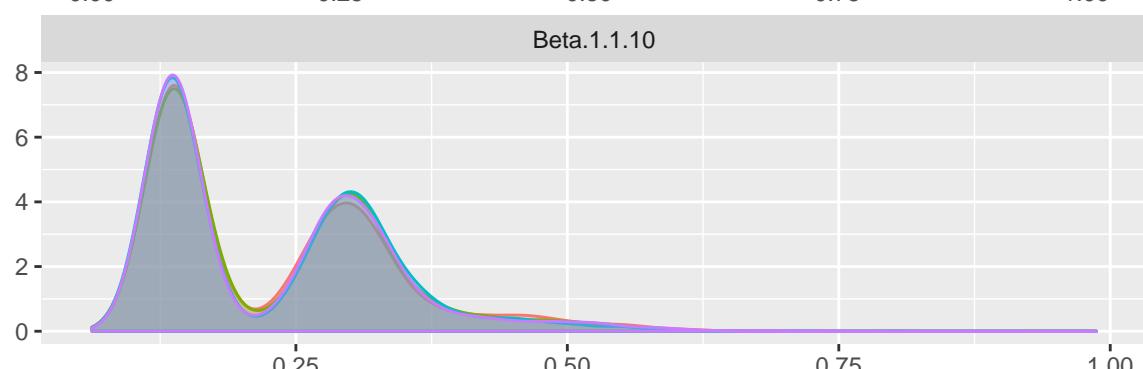
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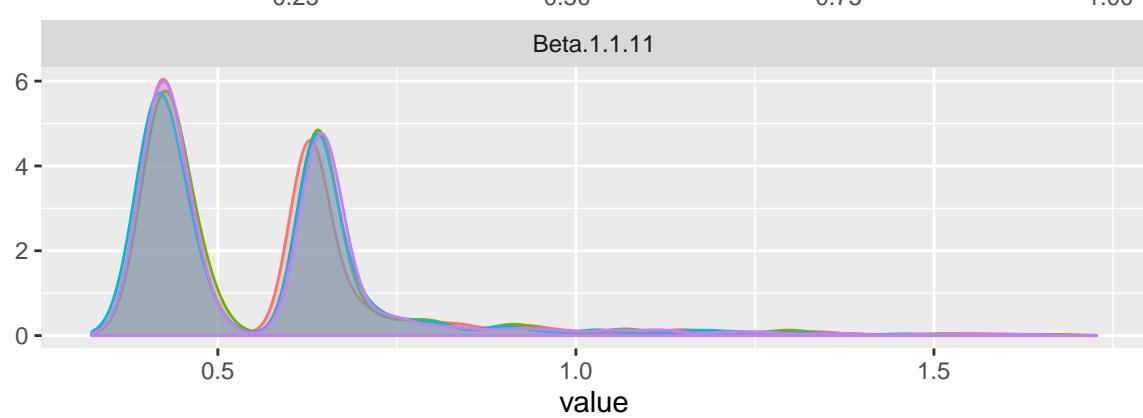
Beta.1.1.1



Beta.1.1.10



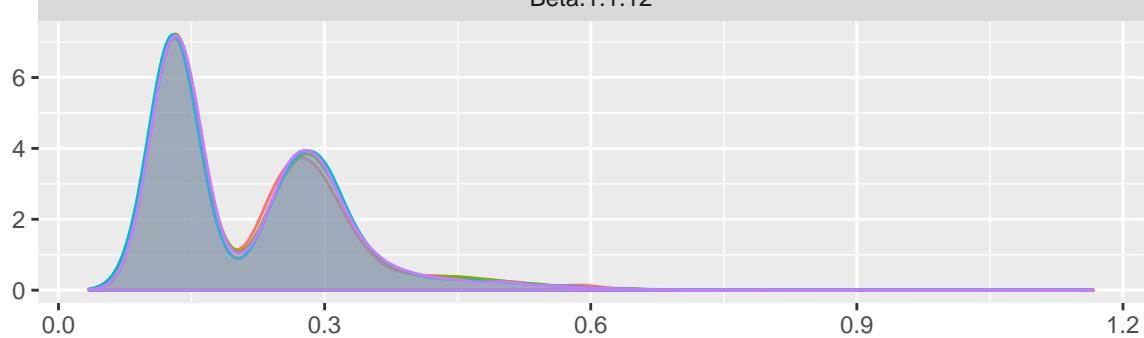
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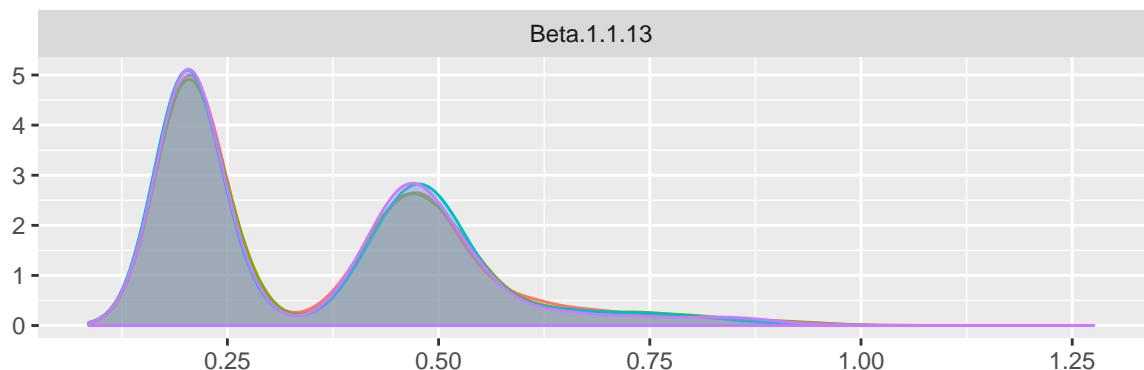
Chain

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- 2
- 3
- 4

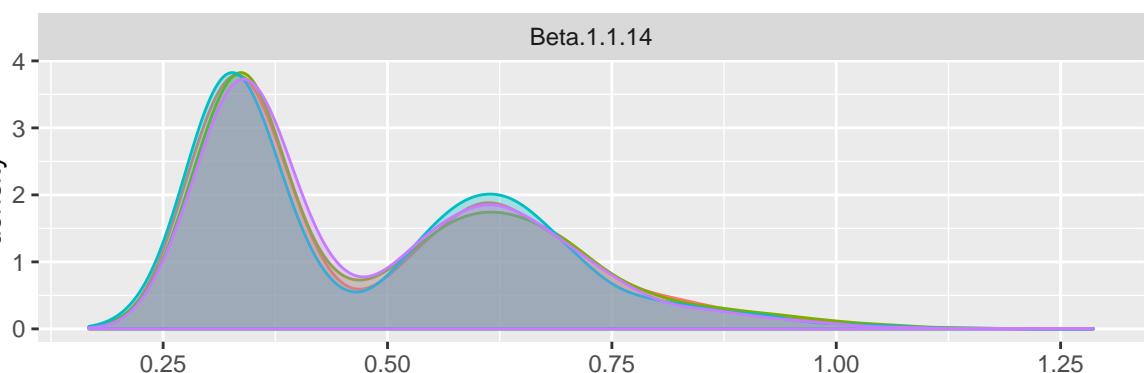
Beta.1.1.12



Beta.1.1.13



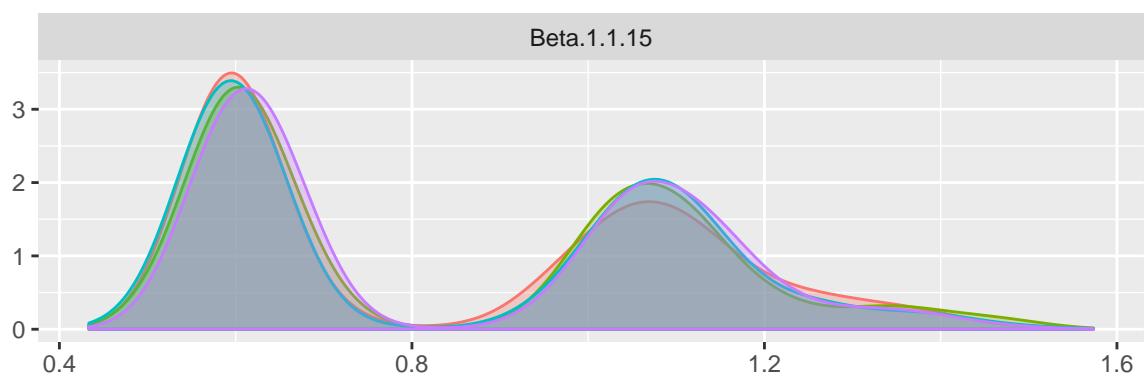
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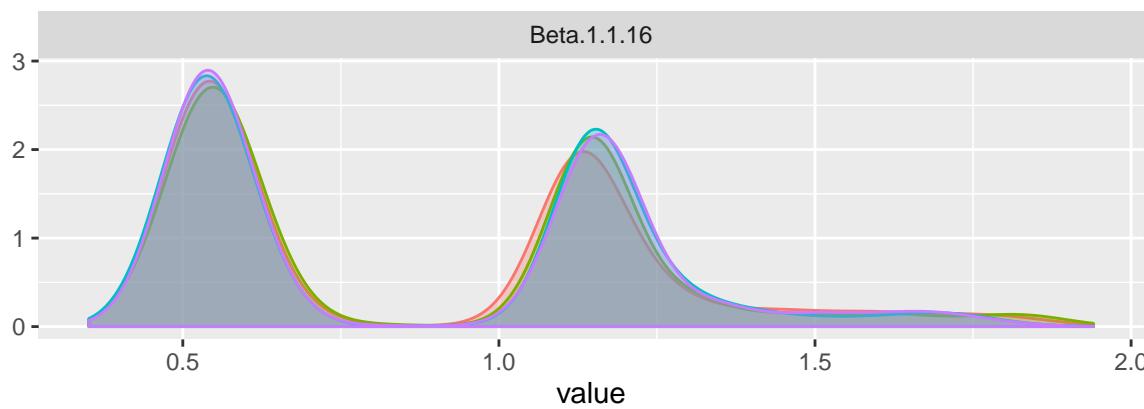
Chain

- 1
- 2
- 3
- 4

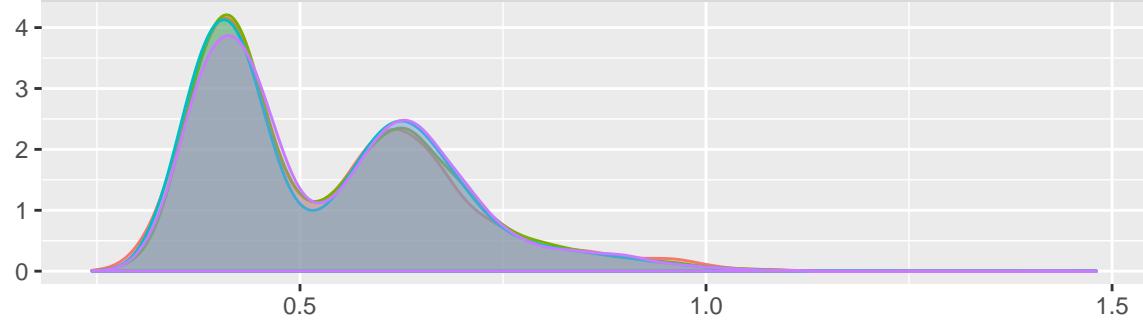
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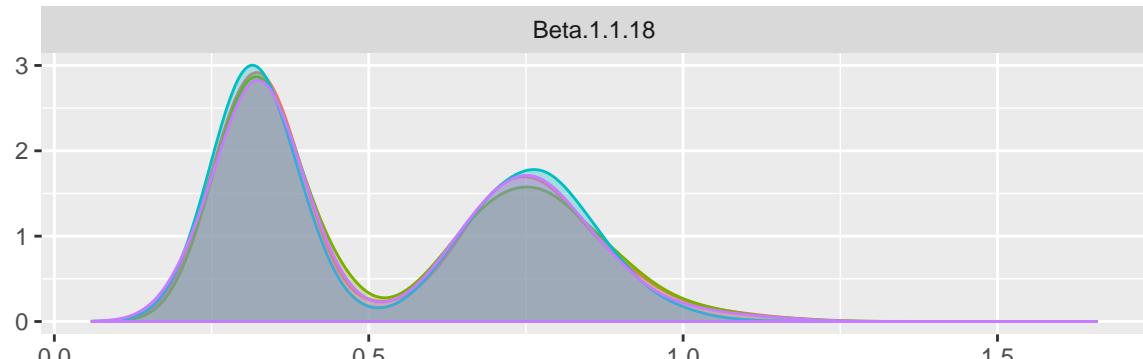
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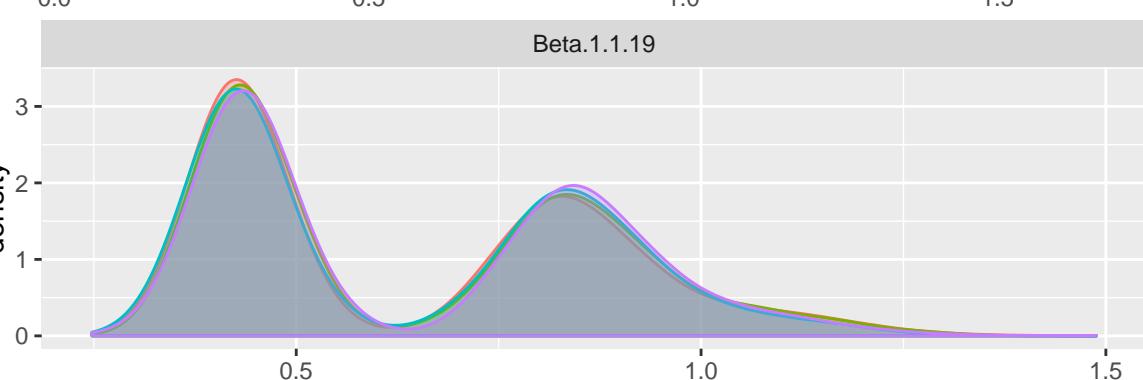
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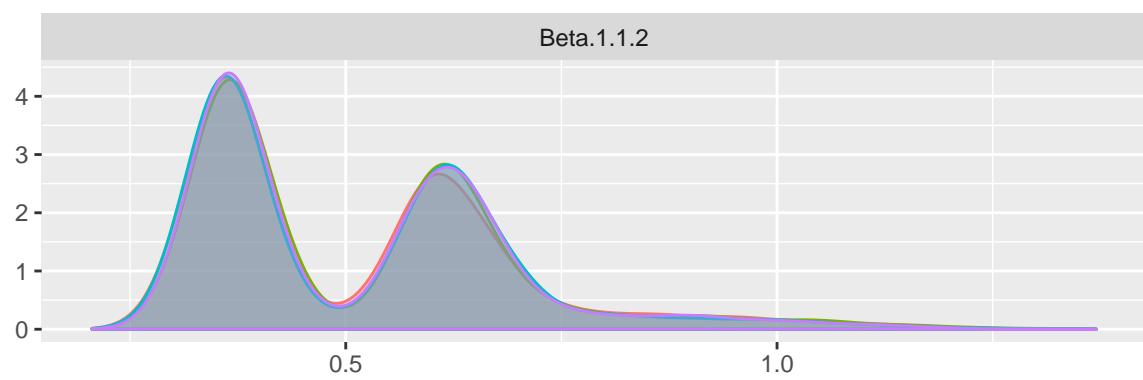
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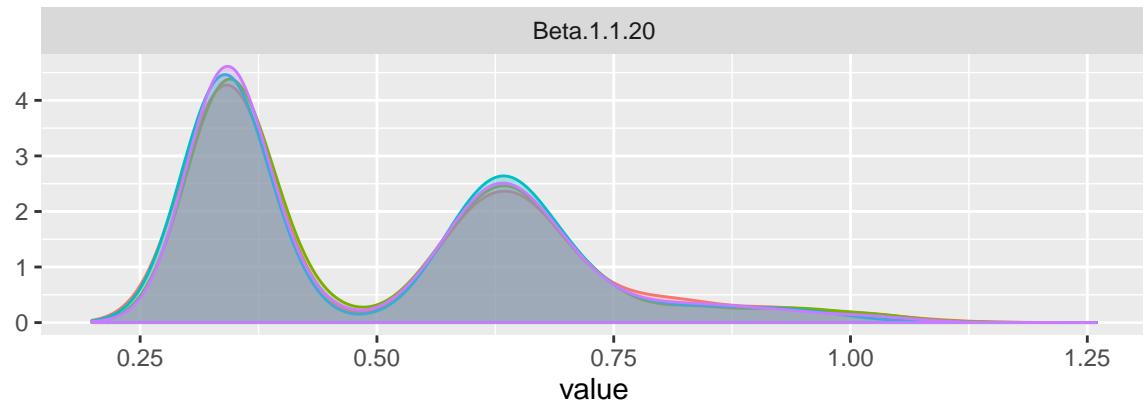
Beta.1.1.19



Beta.1.1.2



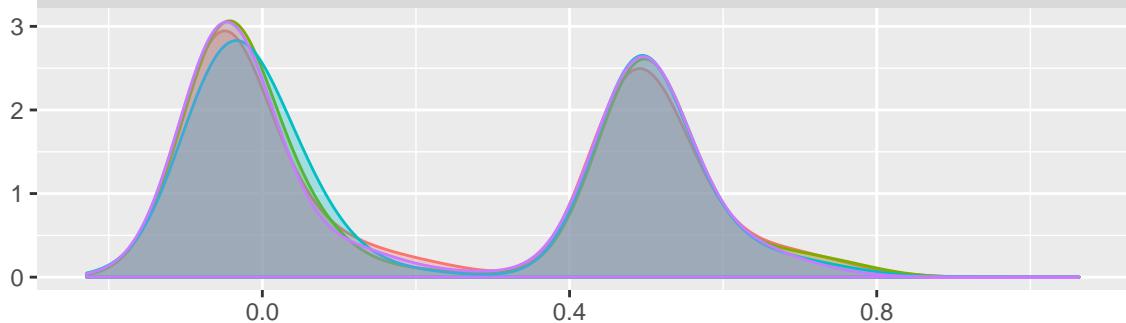
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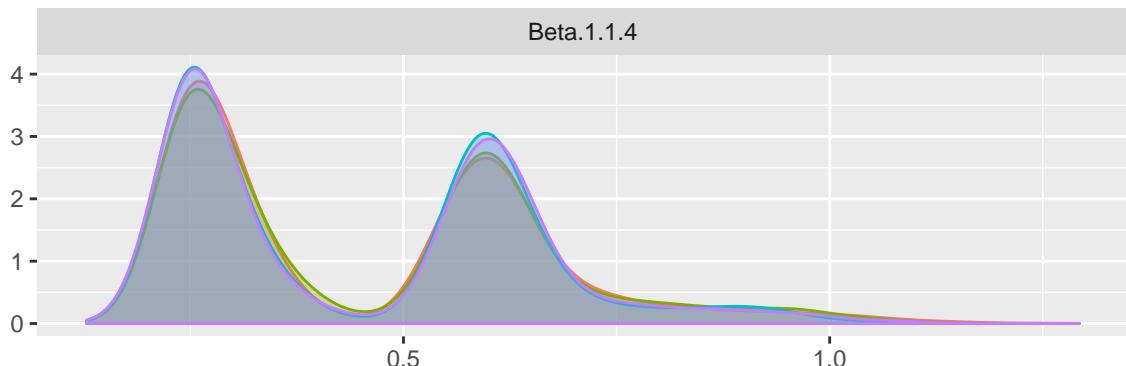
Chain

- 1
- 2
- 3
- 4

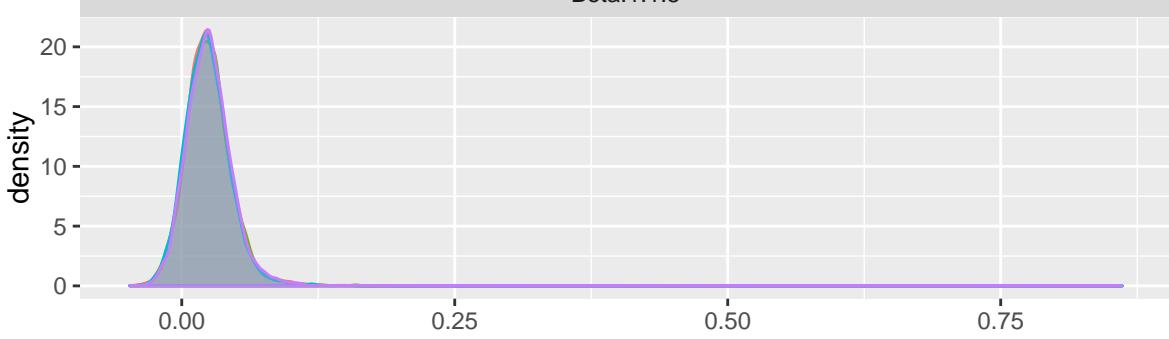
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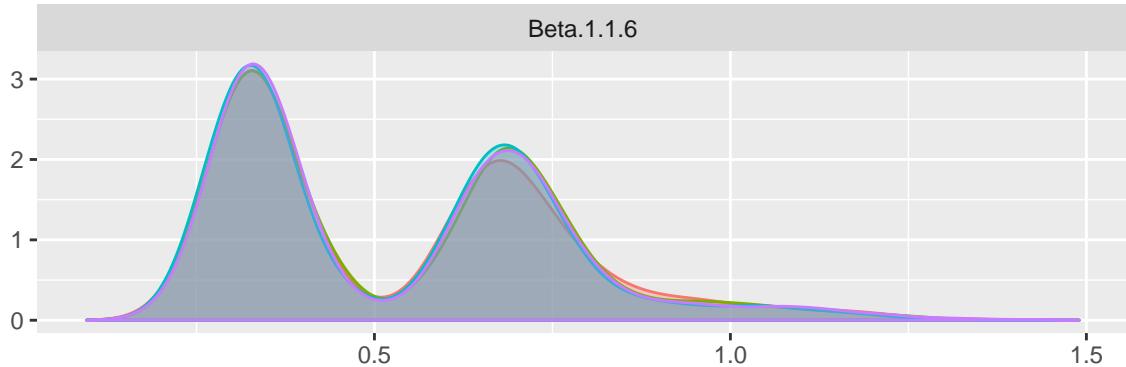
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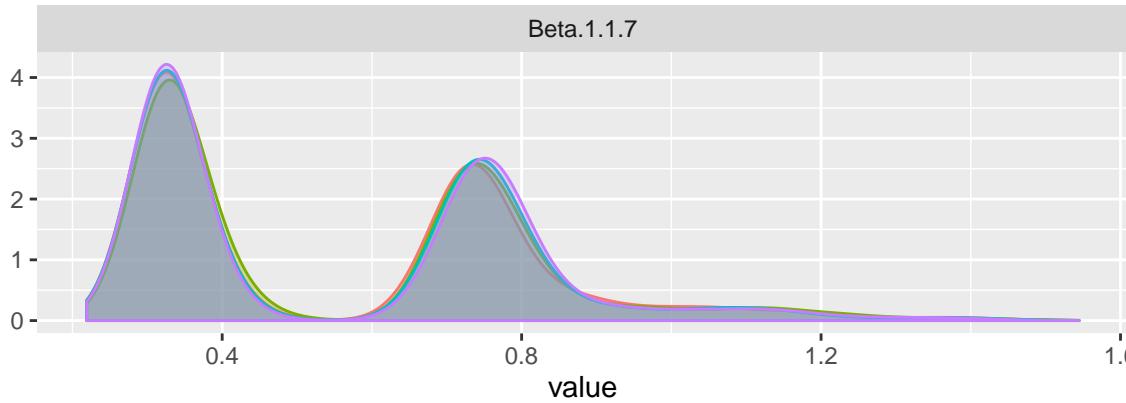
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Beta.1.1.6



Beta.1.1.7

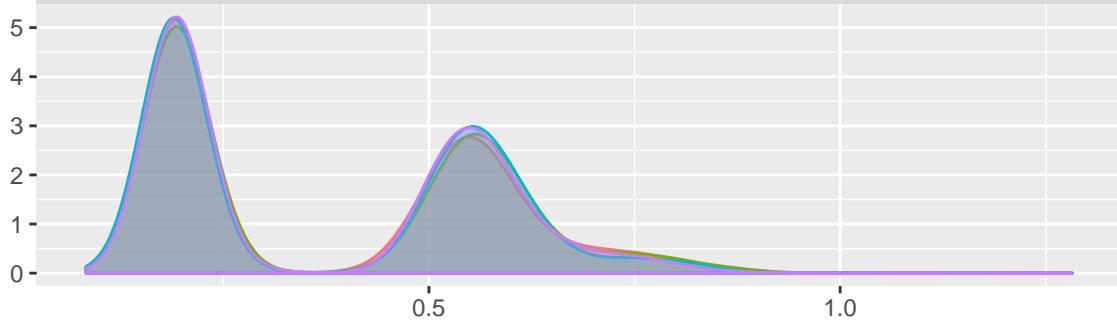


Chain

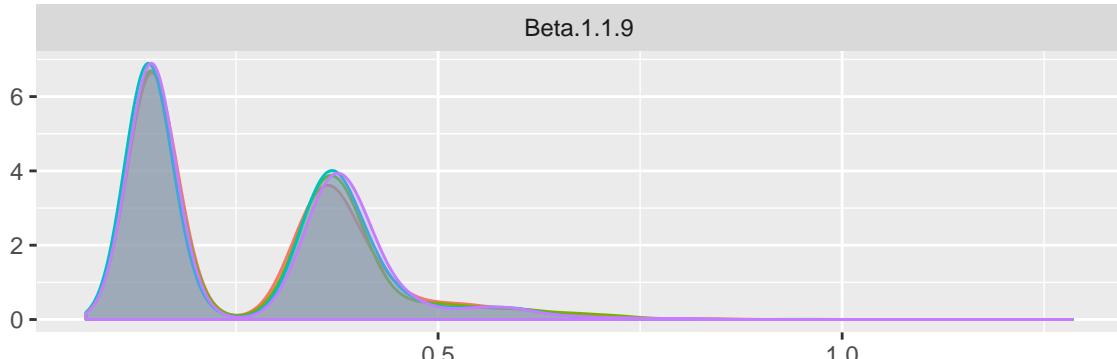
- 1
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- 4

value

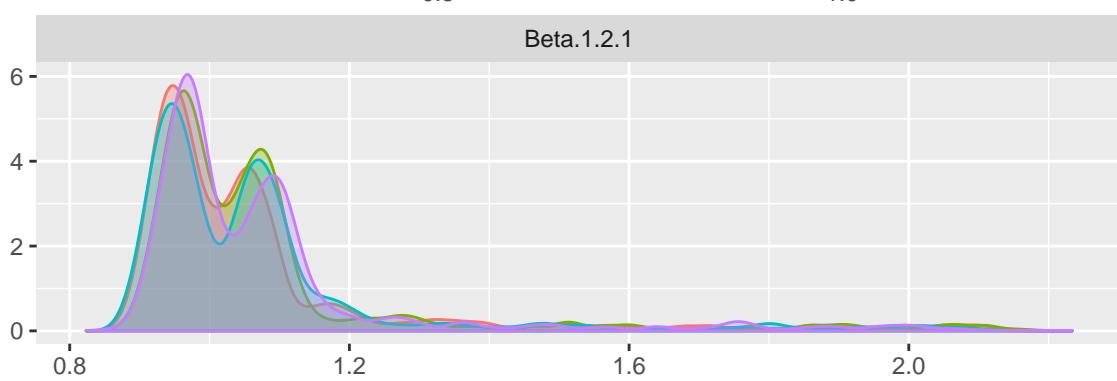
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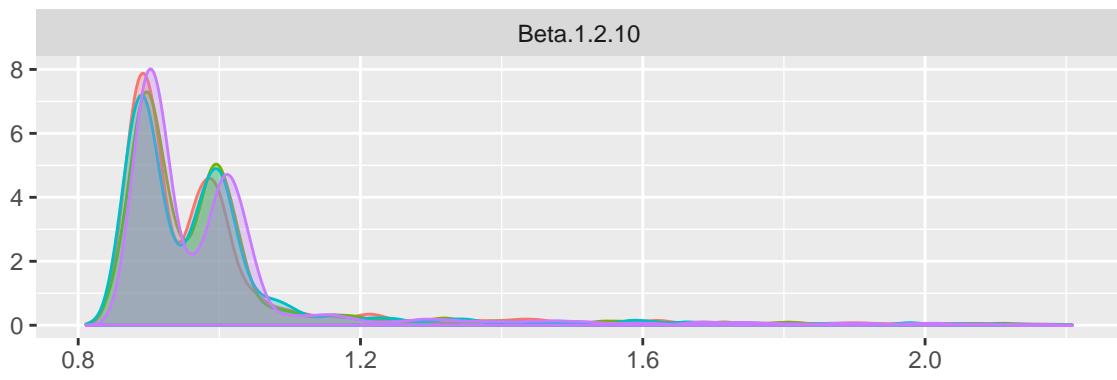
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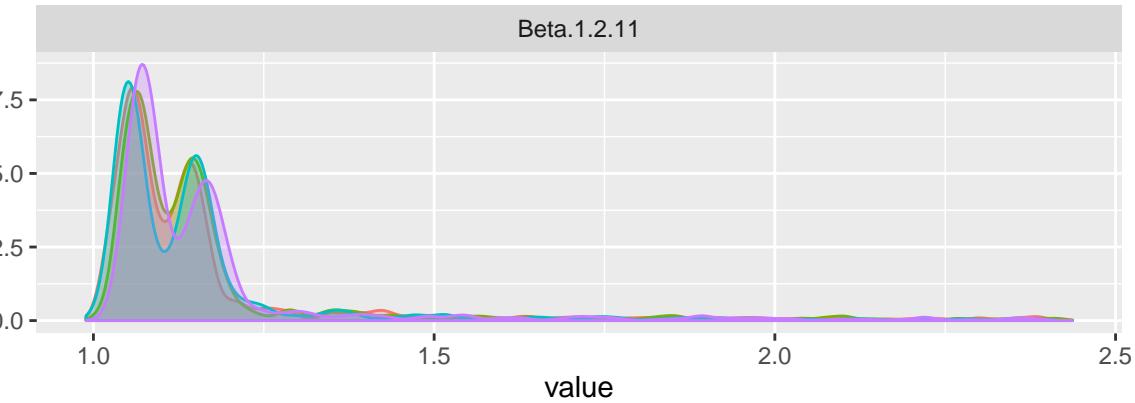
Beta.1.2.1



Beta.1.2.10



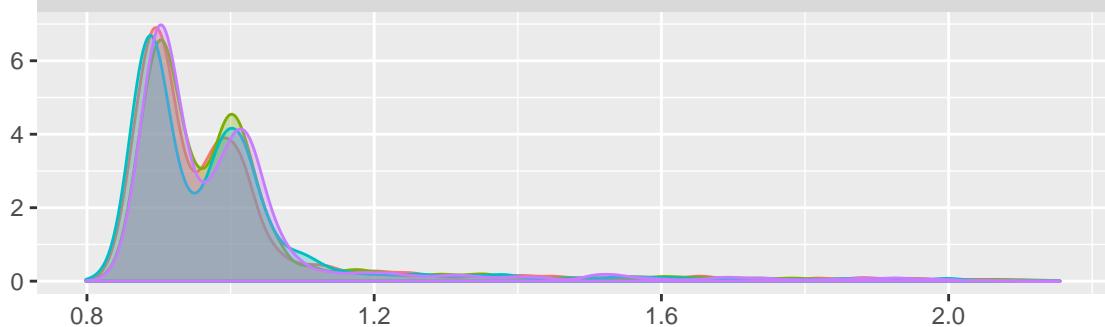
Beta.1.2.11



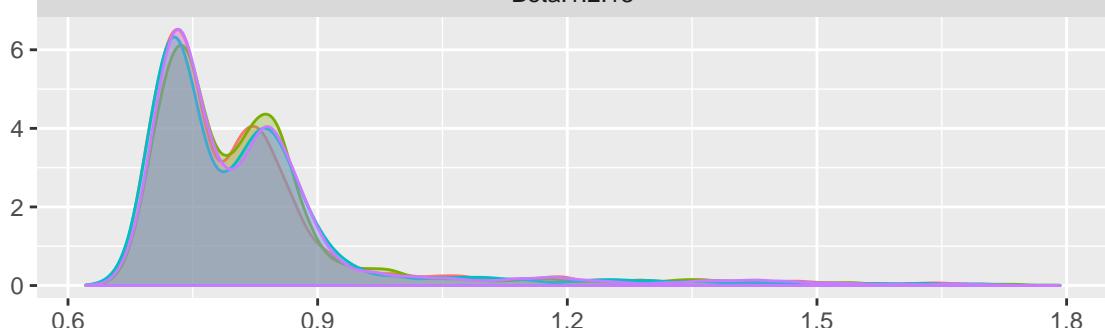
Chain

- 1
- 2
- 3
- 4

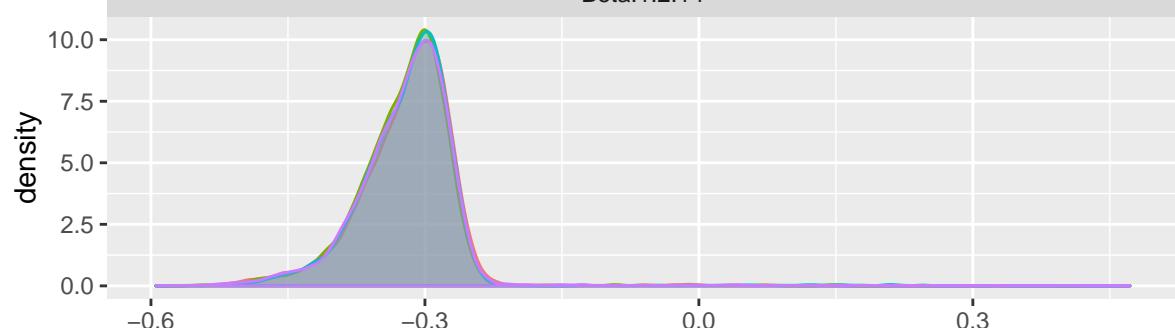
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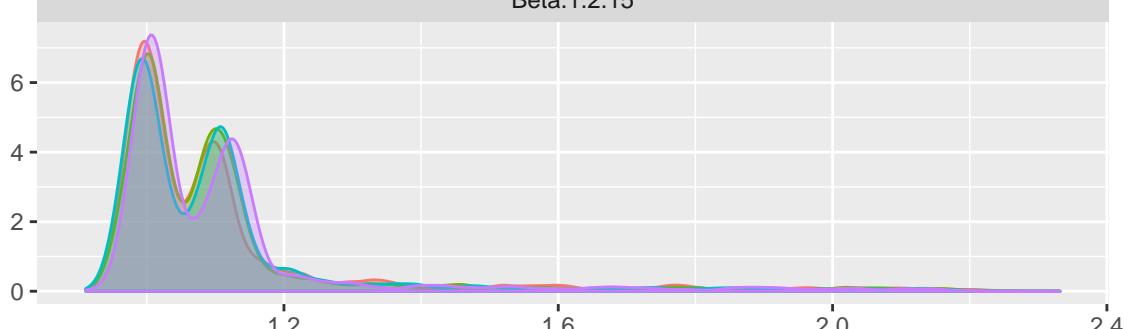
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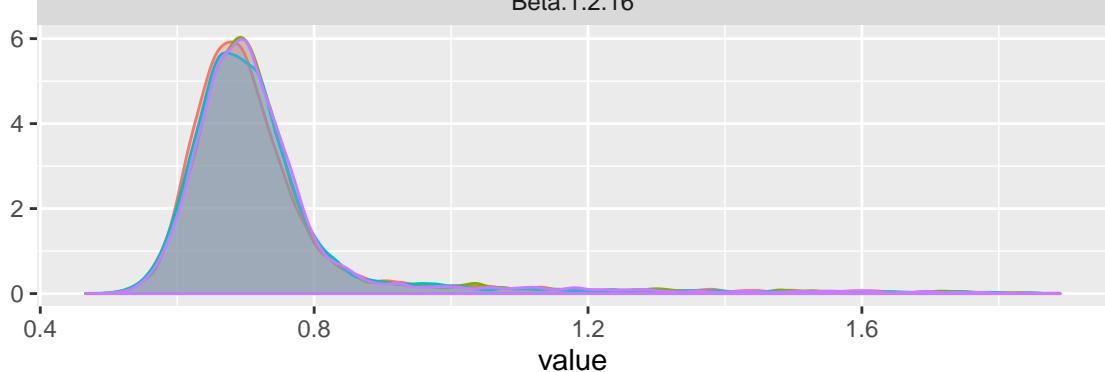
Beta.1.2.14



Beta.1.2.15



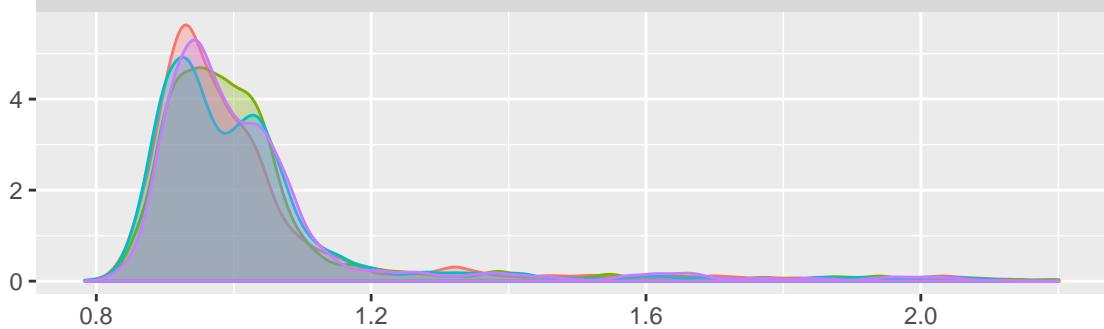
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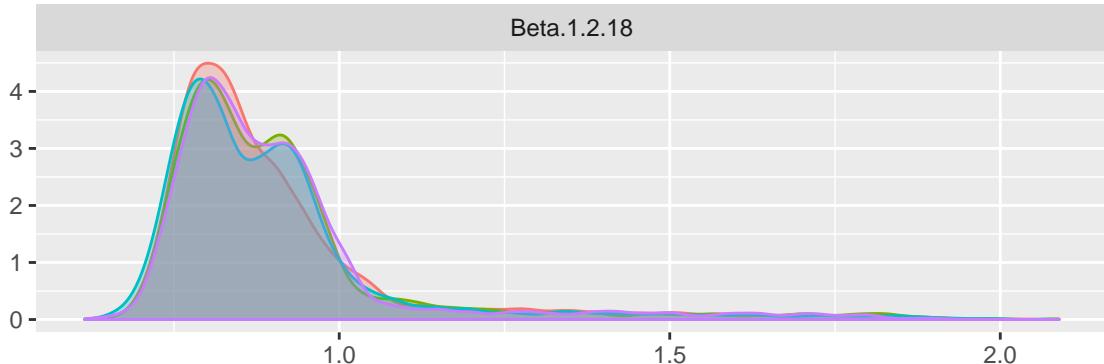
Chain

- 1
- 2
- 3
- 4

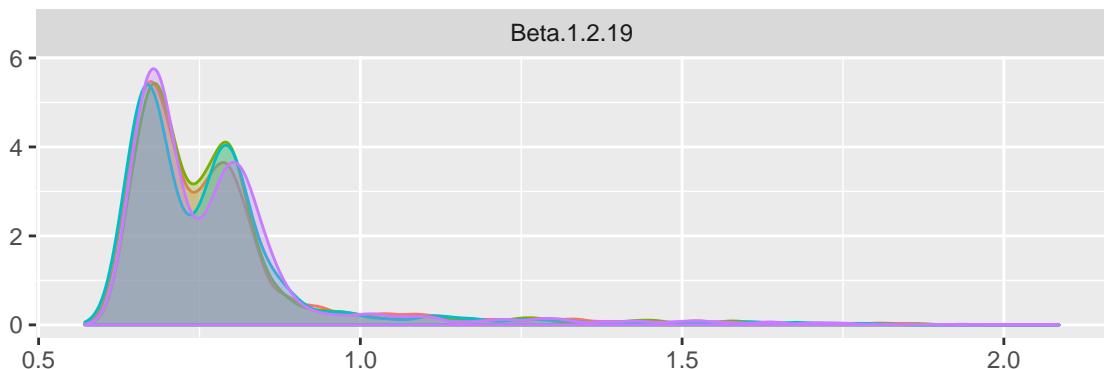
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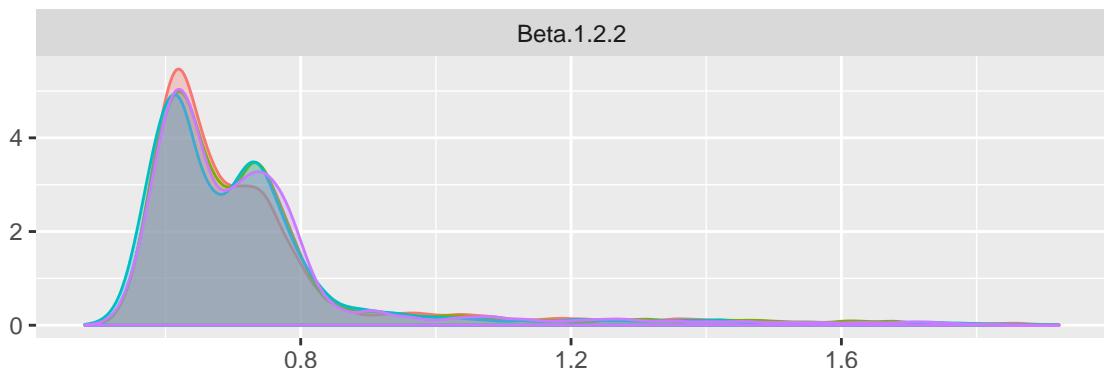
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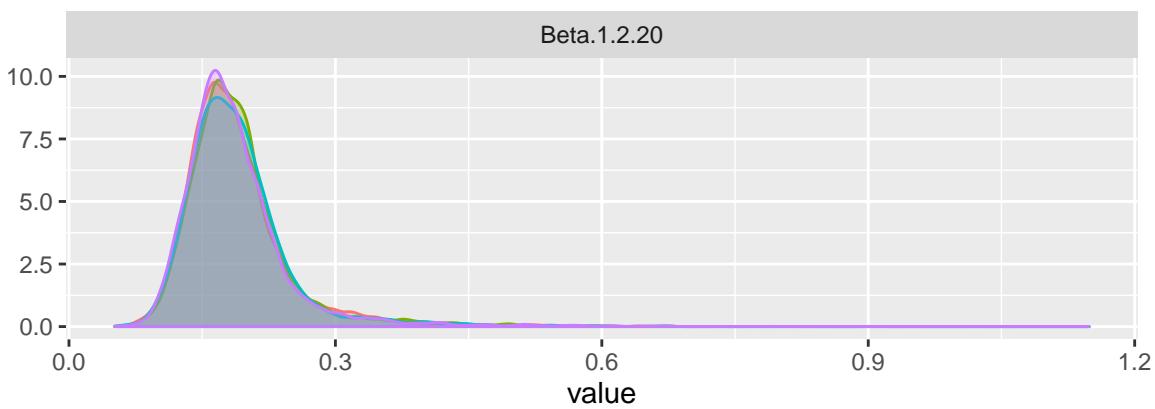
Beta.1.2.19



Beta.1.2.2



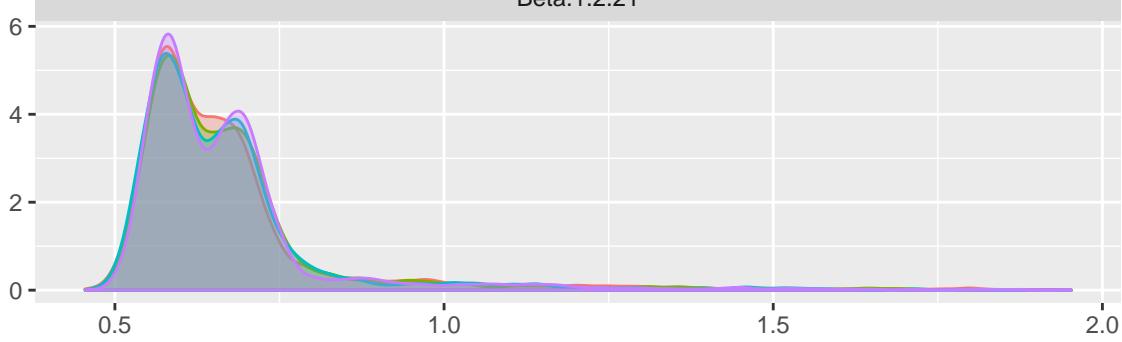
Beta.1.2.20



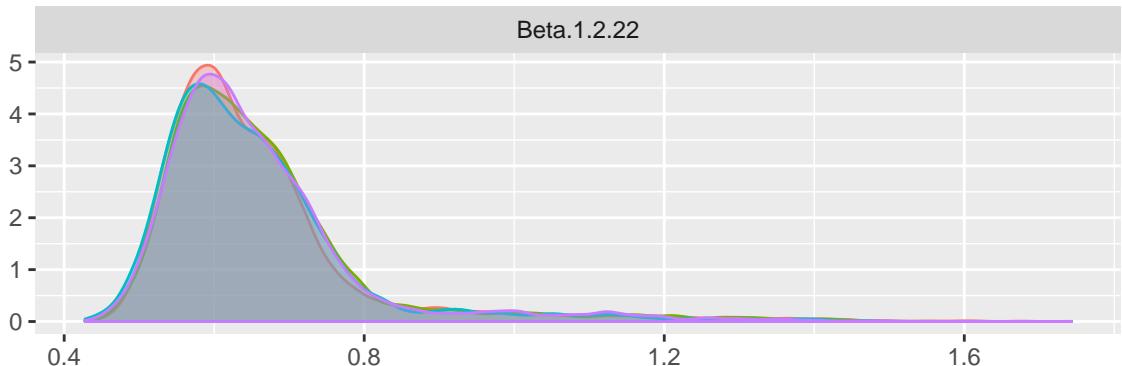
Chain

- 1
- 2
- 3
- 4

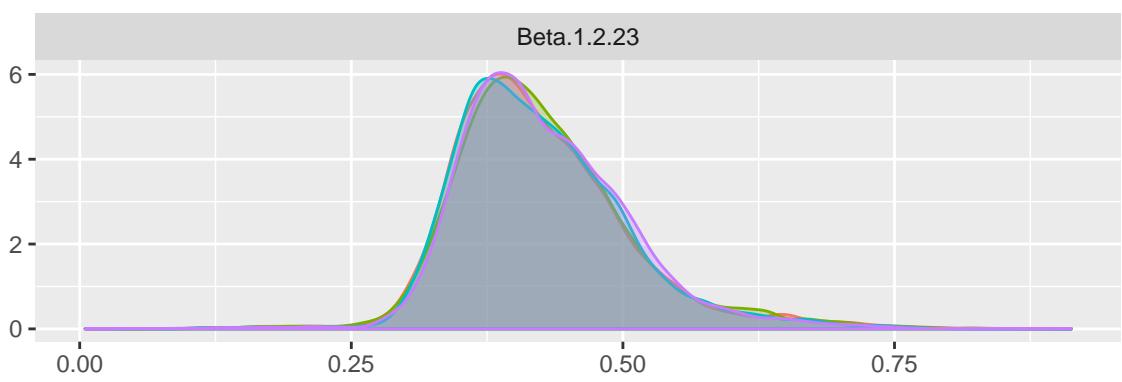
Beta.1.2.21



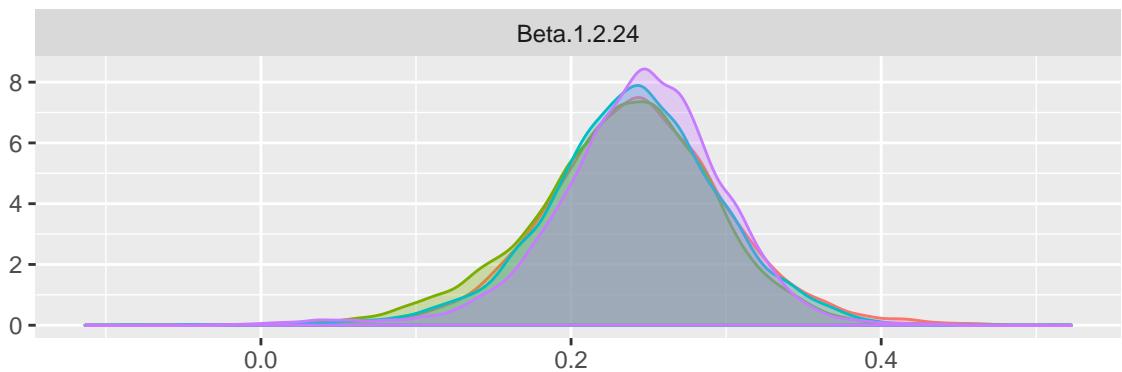
Beta.1.2.22



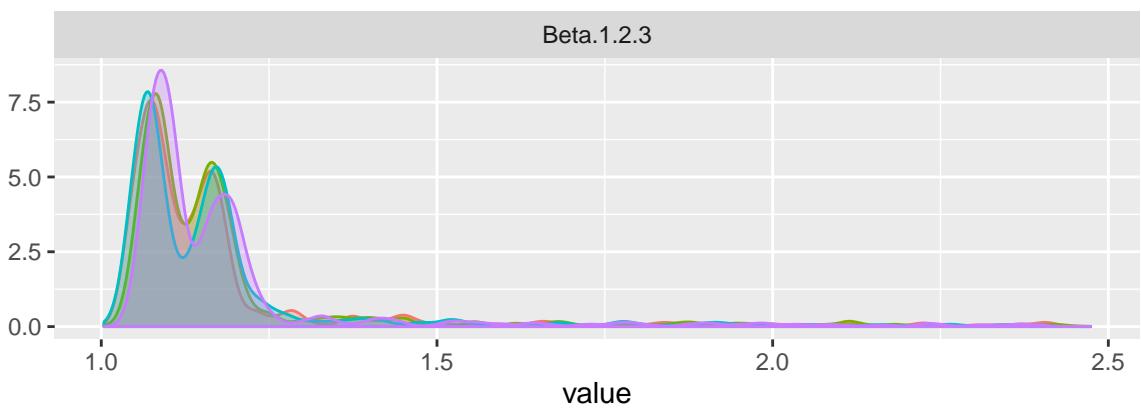
Beta.1.2.23



Beta.1.2.24

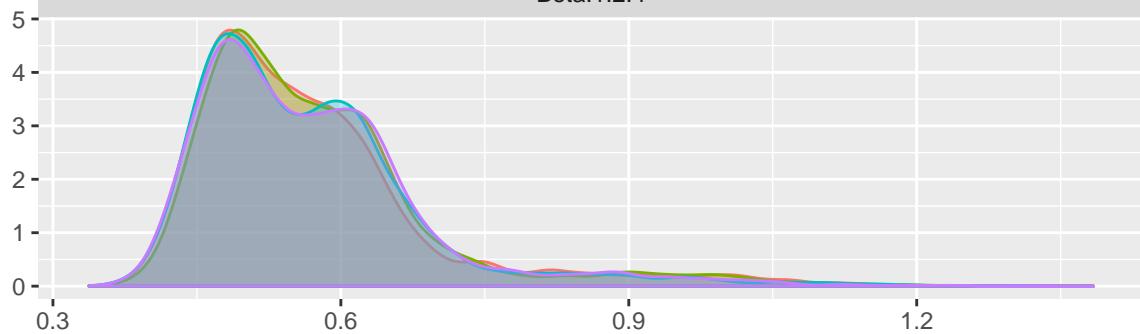


Beta.1.2.3

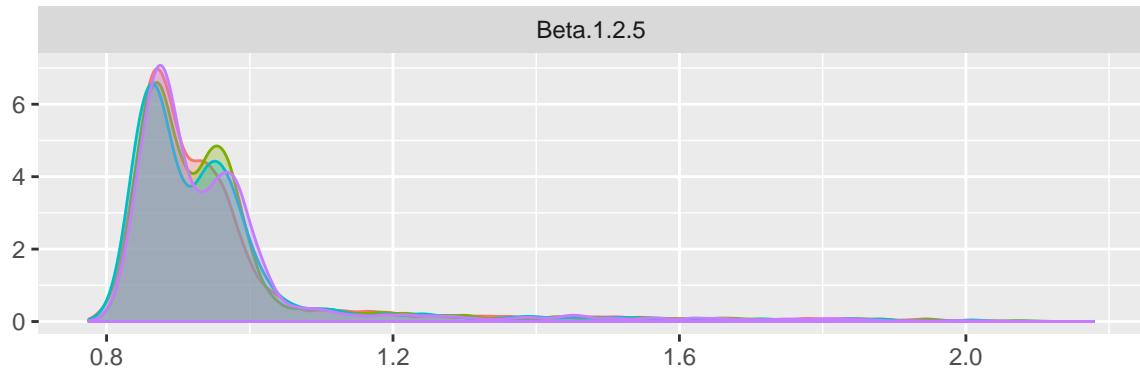


Chain  
1  
2  
3  
4

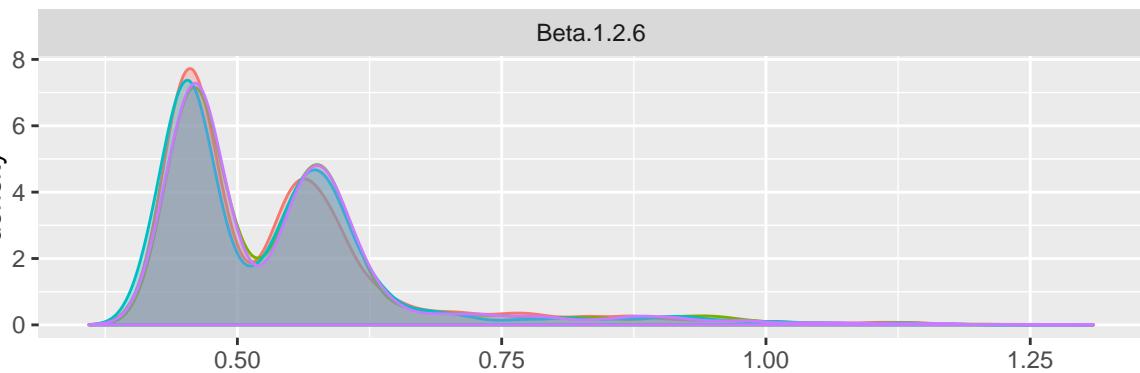
Beta.1.2.4



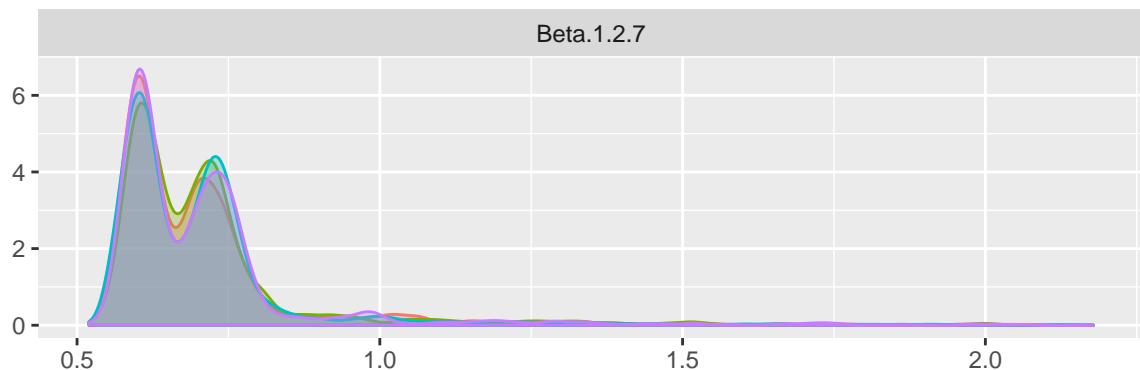
Beta.1.2.5



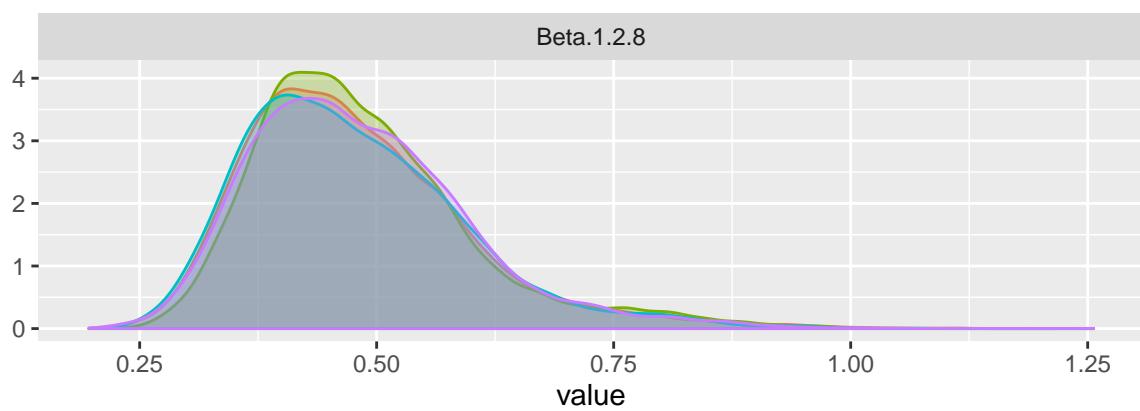
Beta.1.2.6



Beta.1.2.7



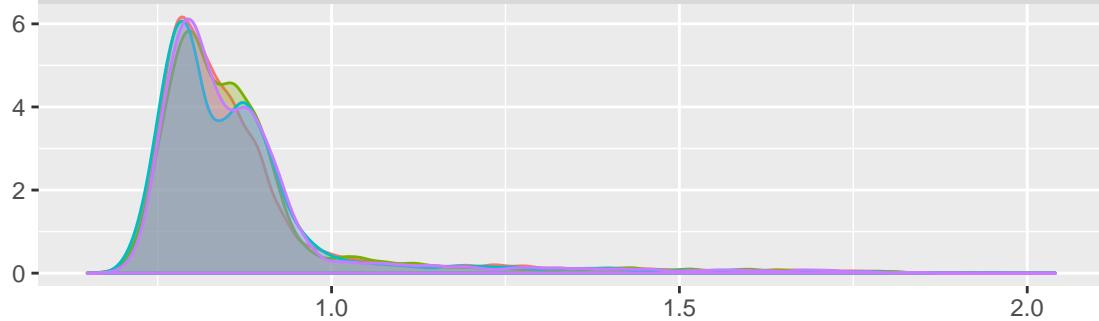
Beta.1.2.8



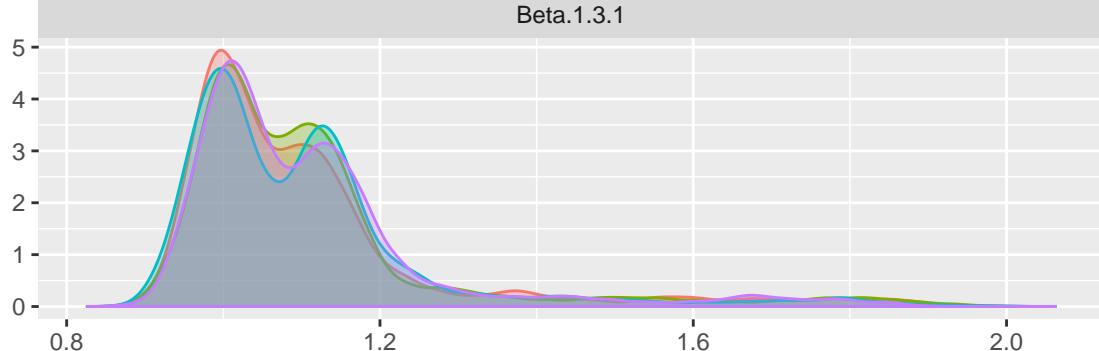
Chain

- █ 1
- █ 2
- █ 3
- █ 4

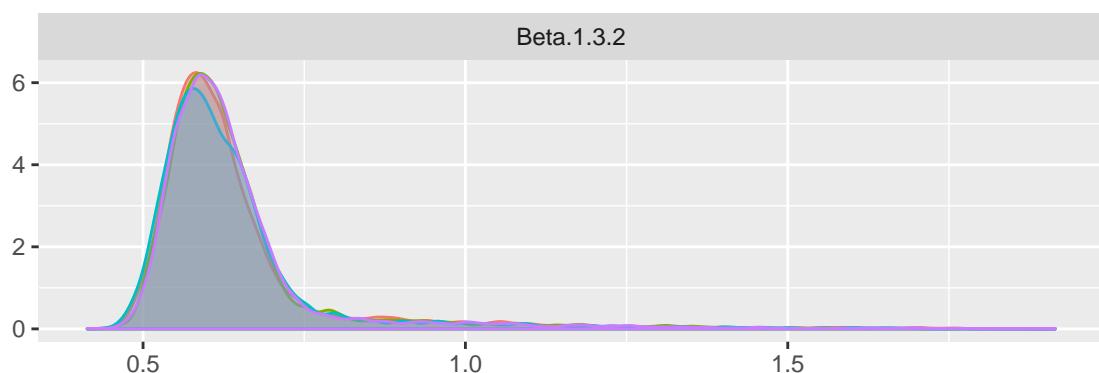
Beta.1.2.9



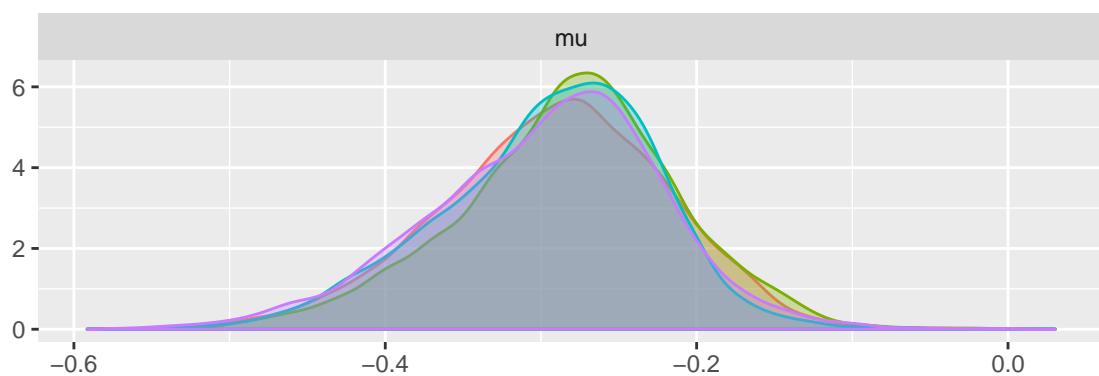
Beta.1.3.1



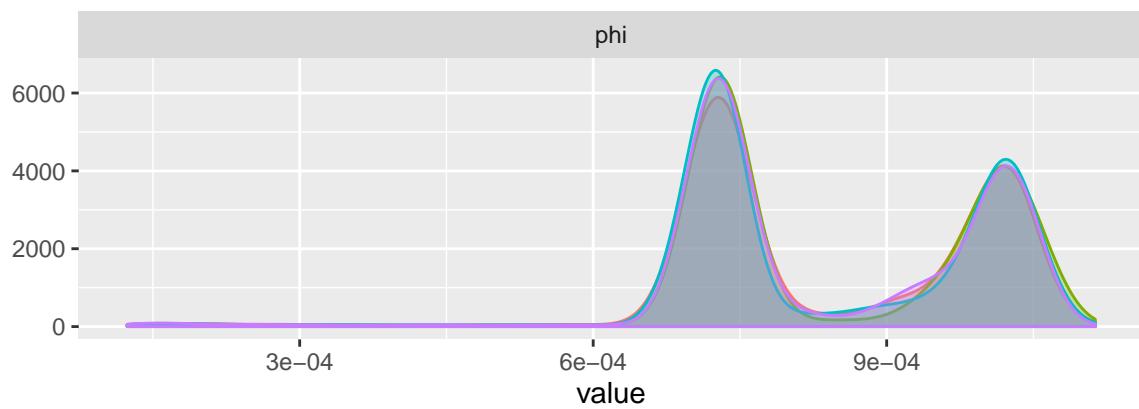
Beta.1.3.2



mu



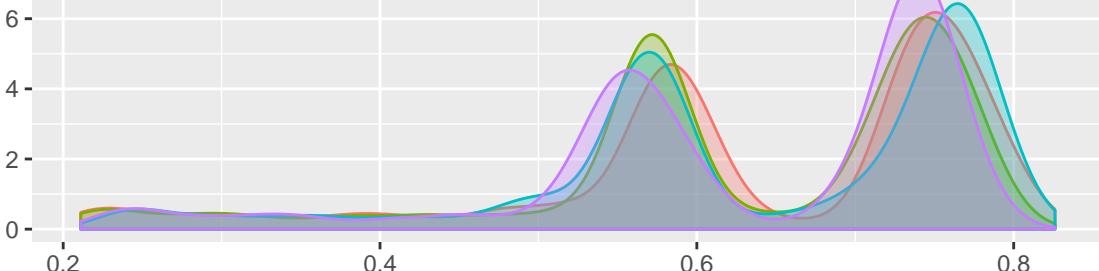
phi



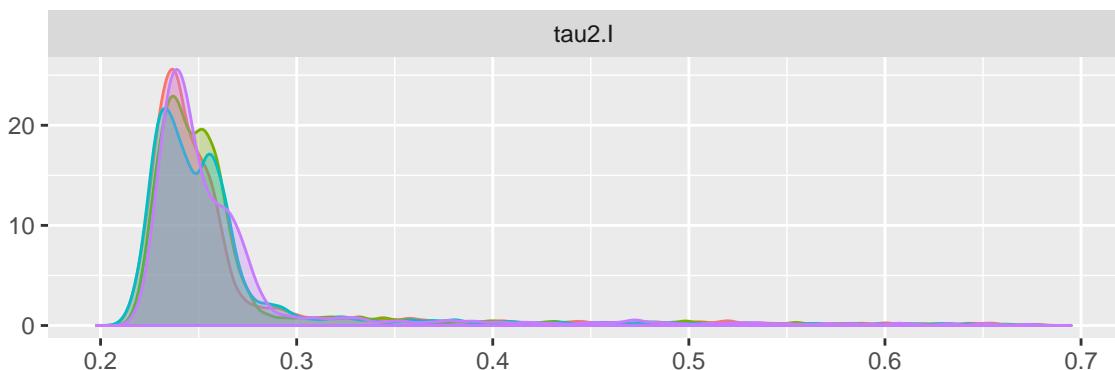
Chain

1	Red
2	Green
3	Cyan
4	Purple

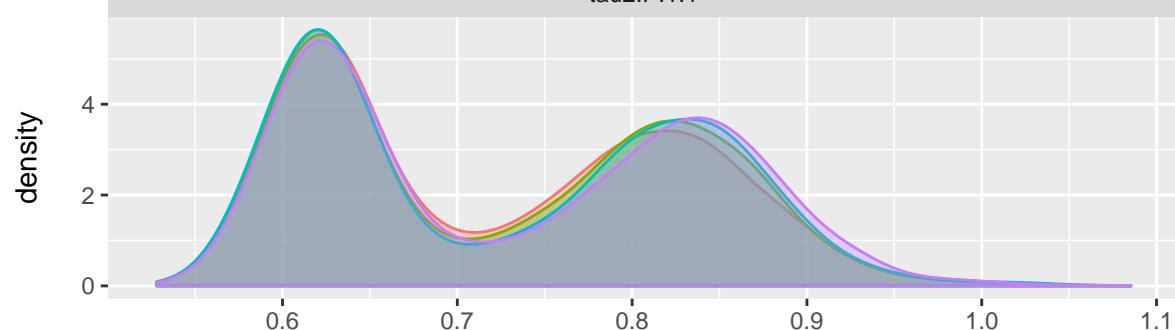
$\sigma^2$



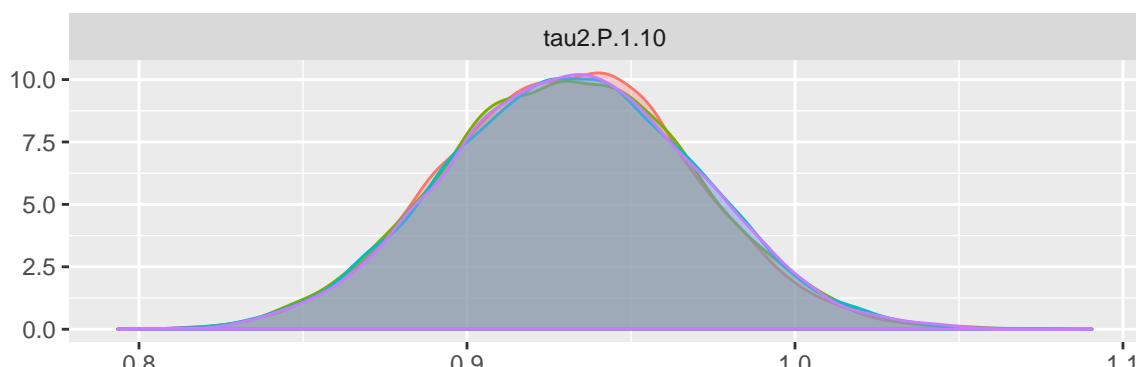
$\tau_{2.1}$



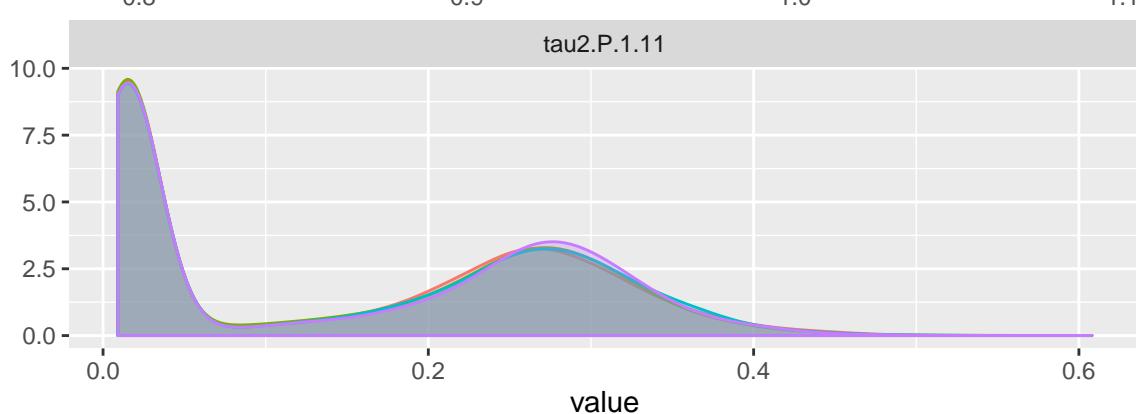
$\tau_{2.P.1.1}$



$\tau_{2.P.1.10}$



$\tau_{2.P.1.11}$

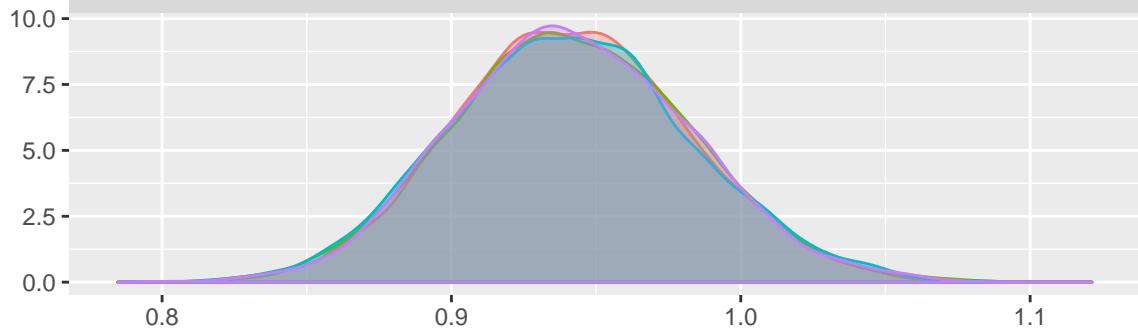


Chain

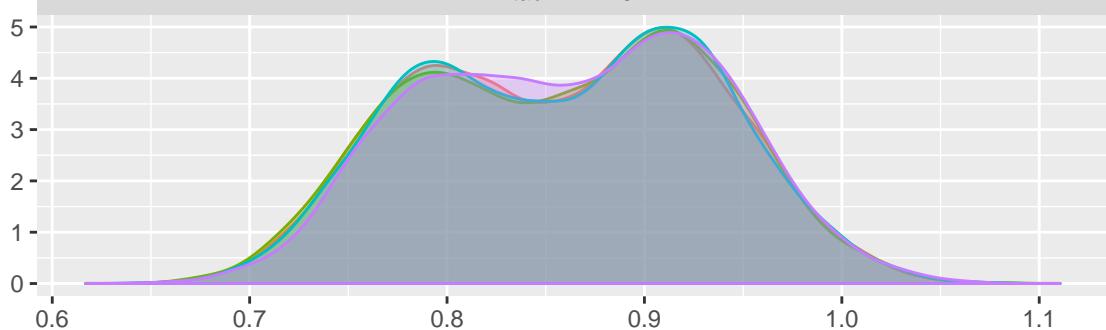
- 1
- 2
- 3
- 4

value

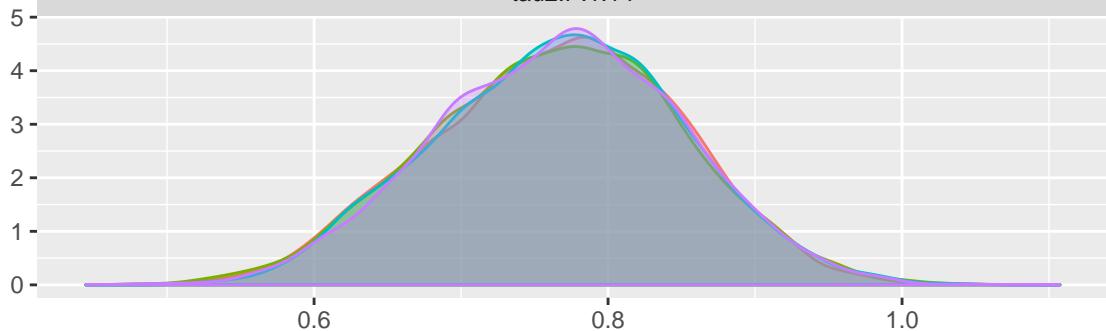
tau2.P.1.12



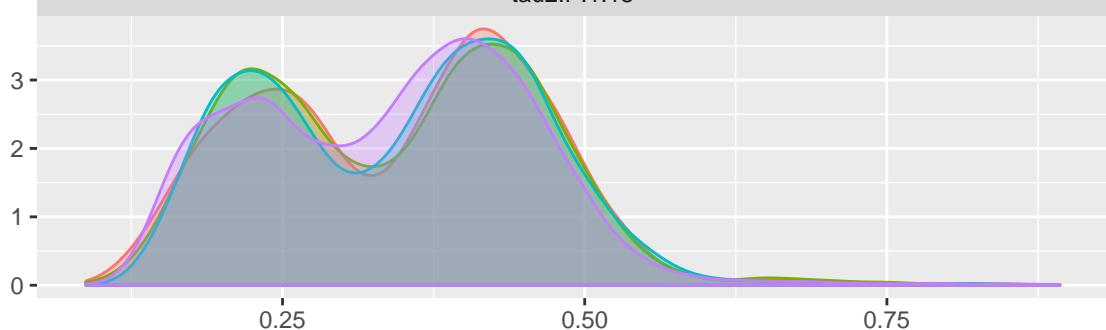
tau2.P.1.13



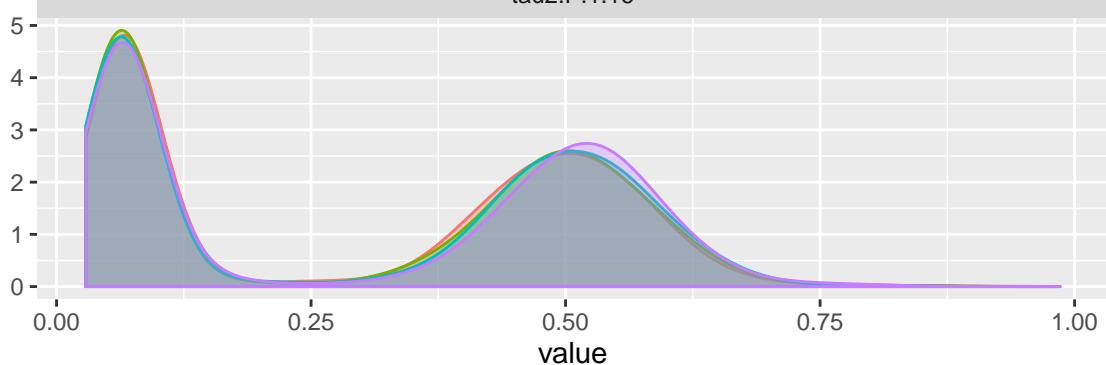
tau2.P.1.14



tau2.P.1.15



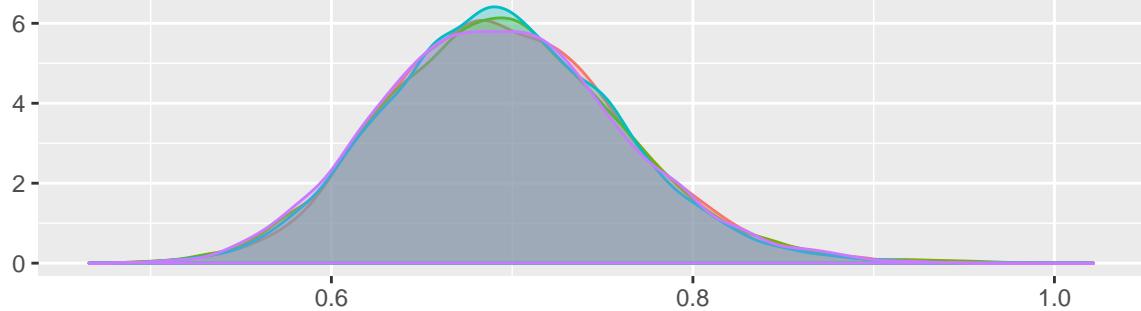
tau2.P.1.16



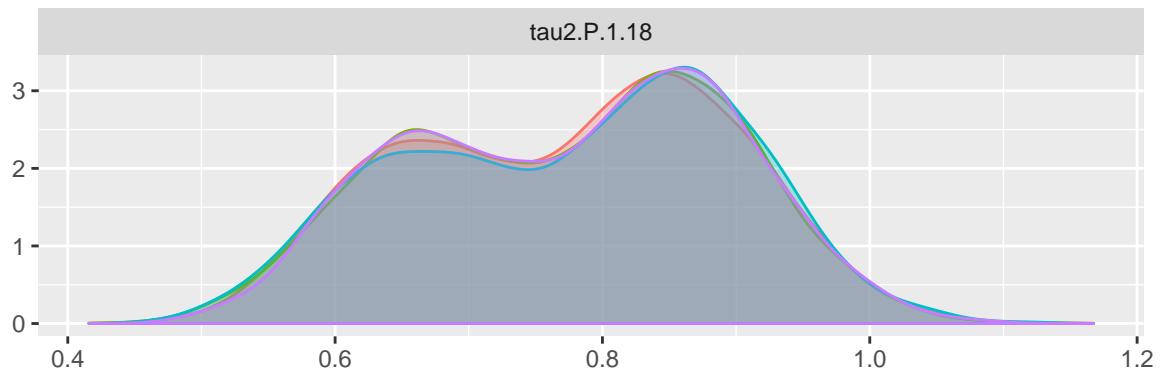
Chain

- 1
- 2
- 3
- 4

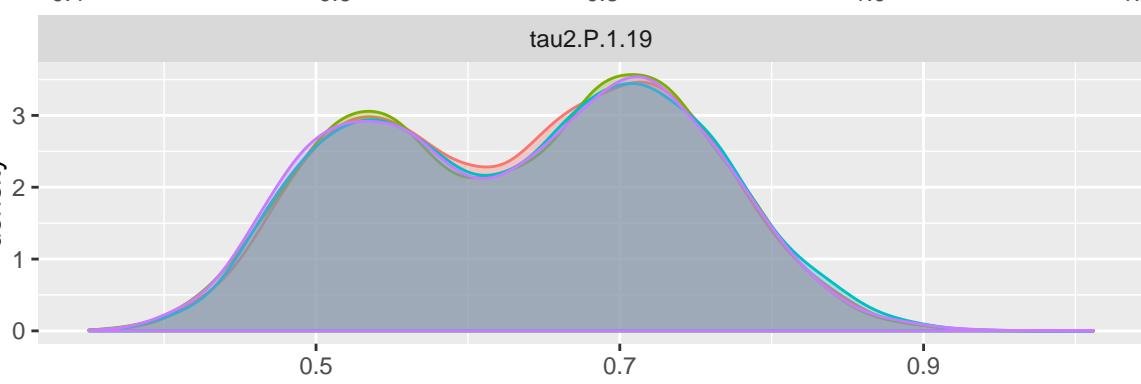
tau2.P.1.17



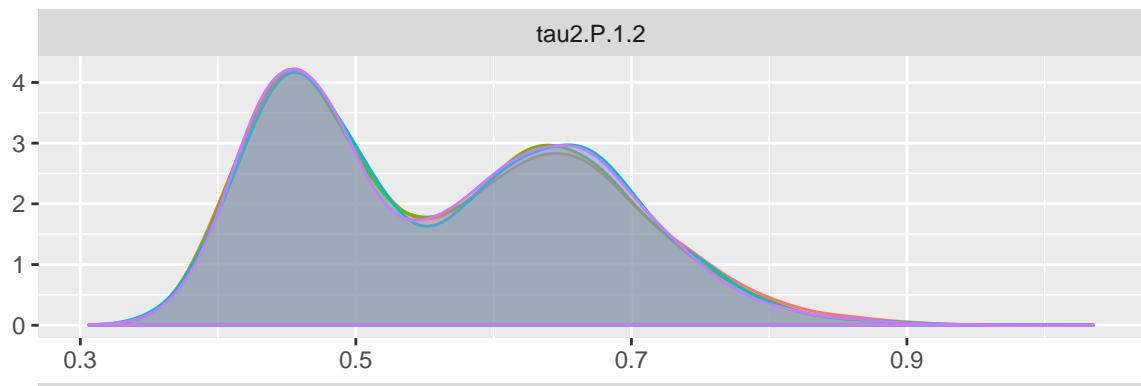
tau2.P.1.18



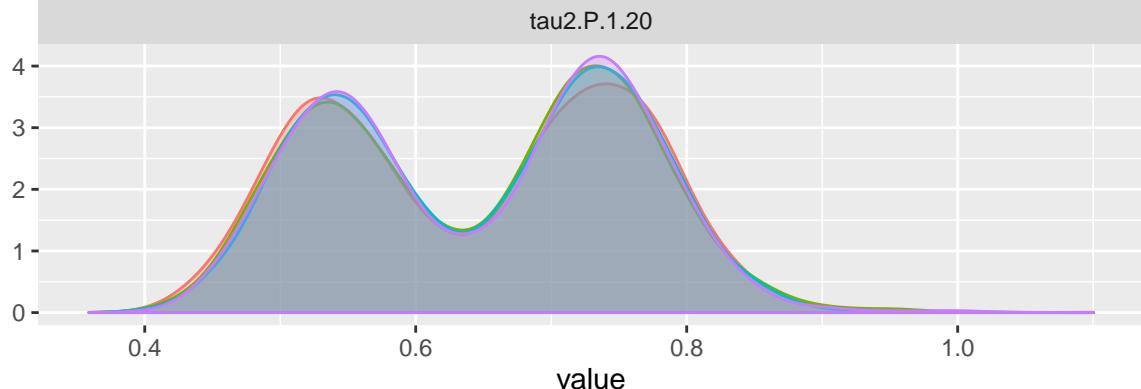
tau2.P.1.19



tau2.P.1.2

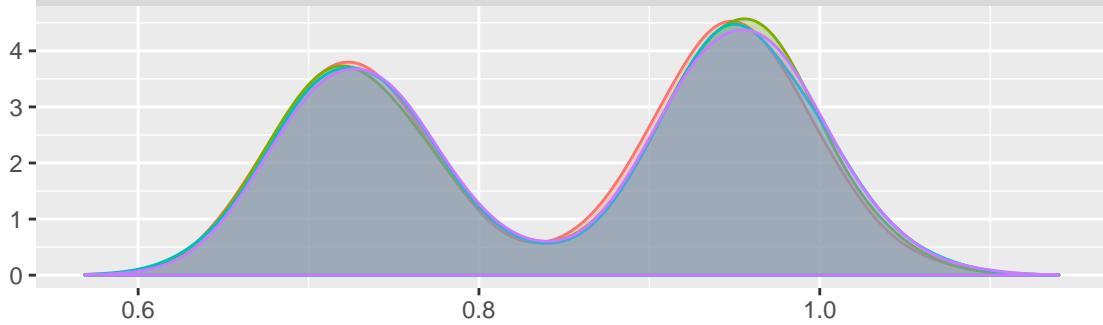


tau2.P.1.20

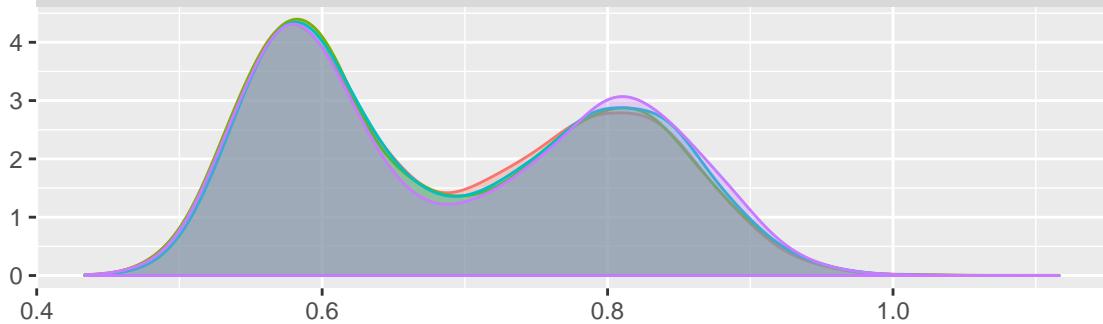


Chain  
1  
2  
3  
4

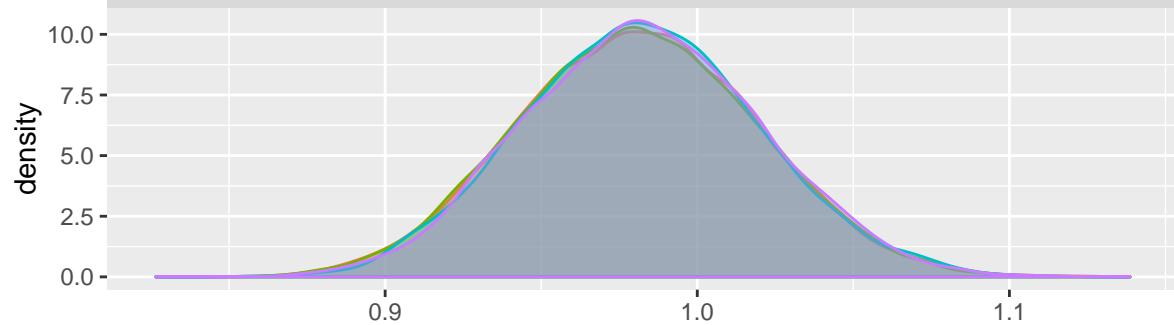
tau2.P.1.3



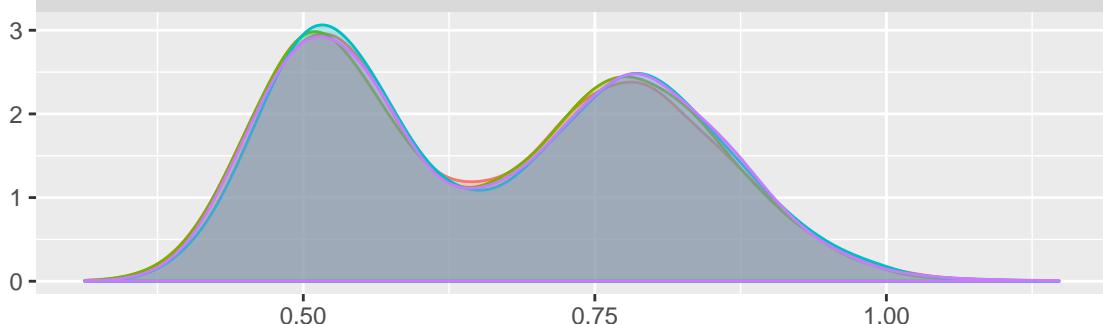
tau2.P.1.4



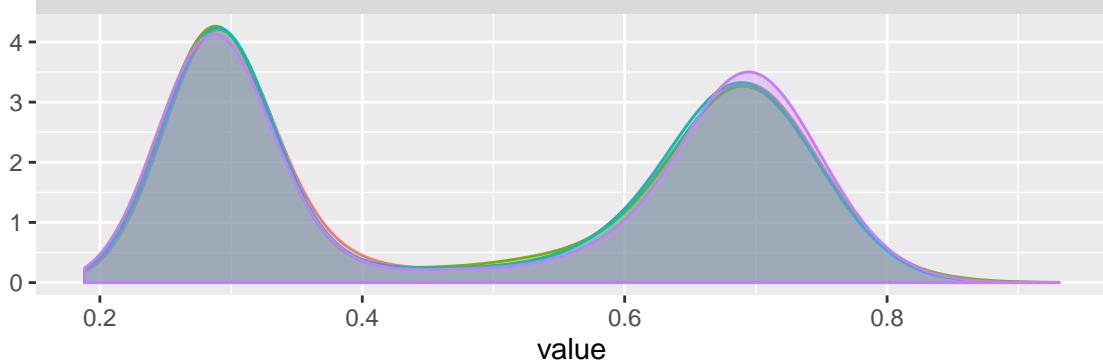
tau2.P.1.5



tau2.P.1.6



tau2.P.1.7

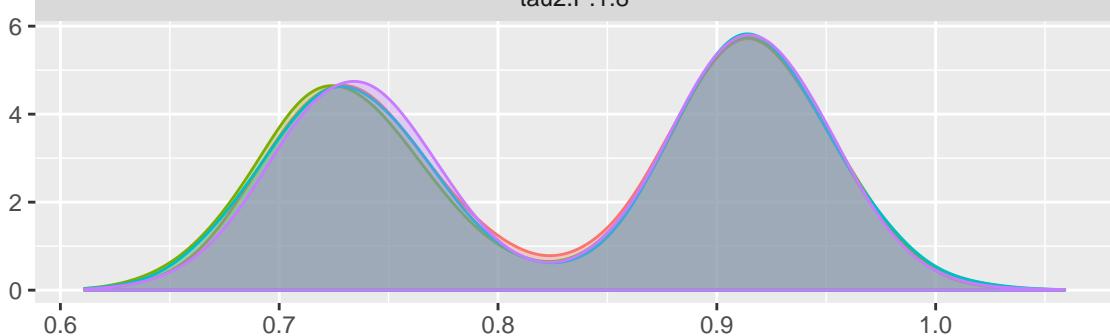


Chain

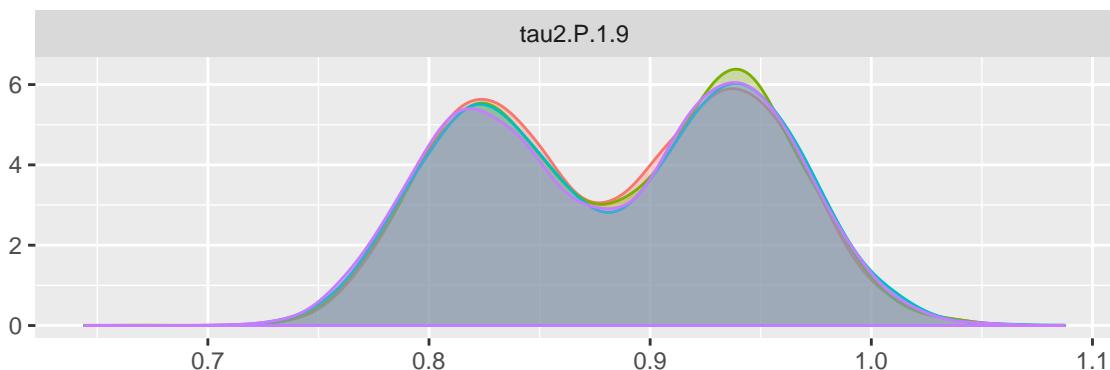
- 1
- 2
- 3
- 4

value

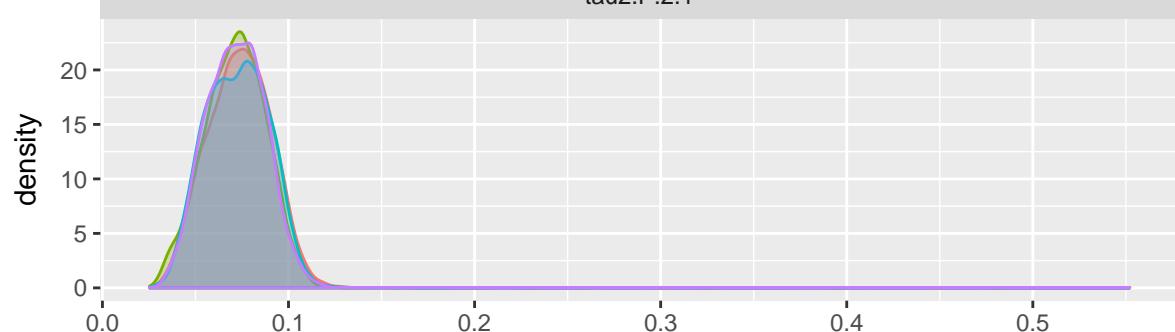
tau2.P.1.8



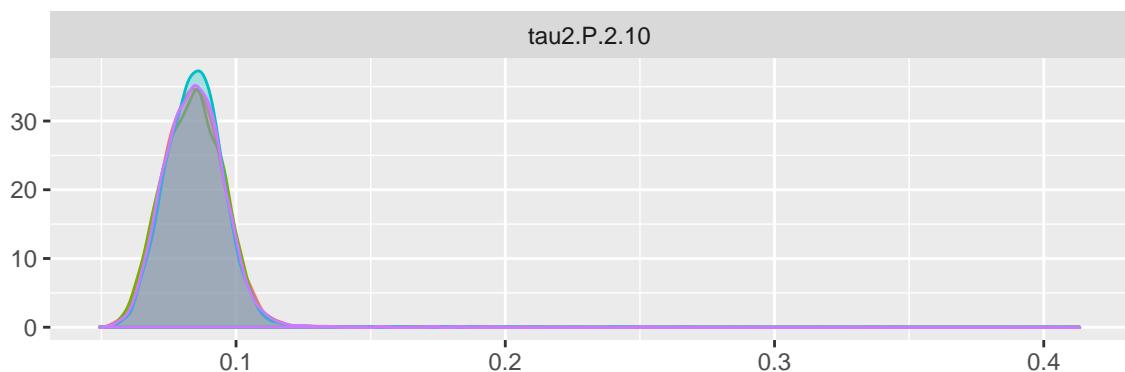
tau2.P.1.9



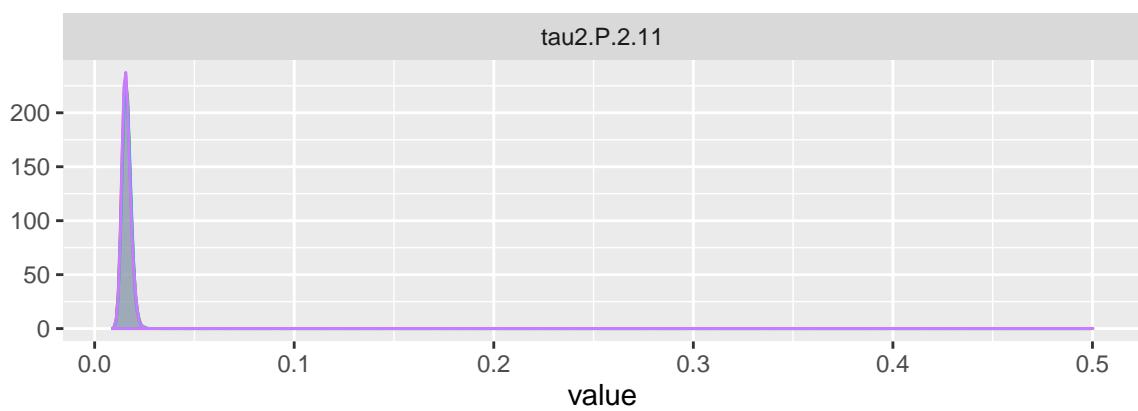
tau2.P.2.1



tau2.P.2.10



tau2.P.2.11

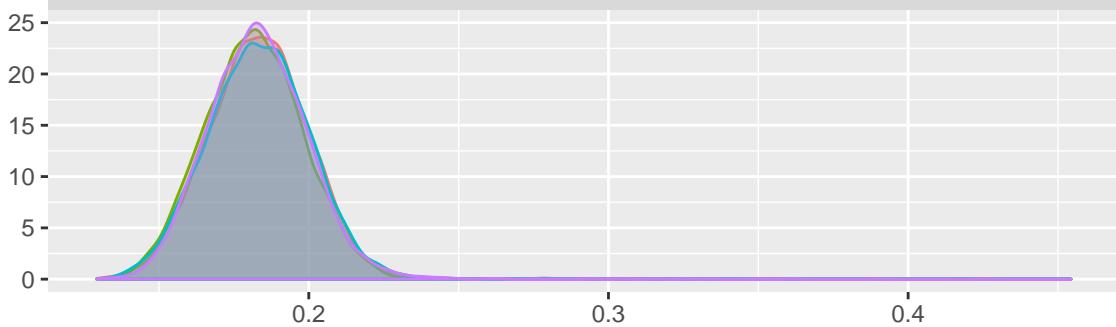


Chain

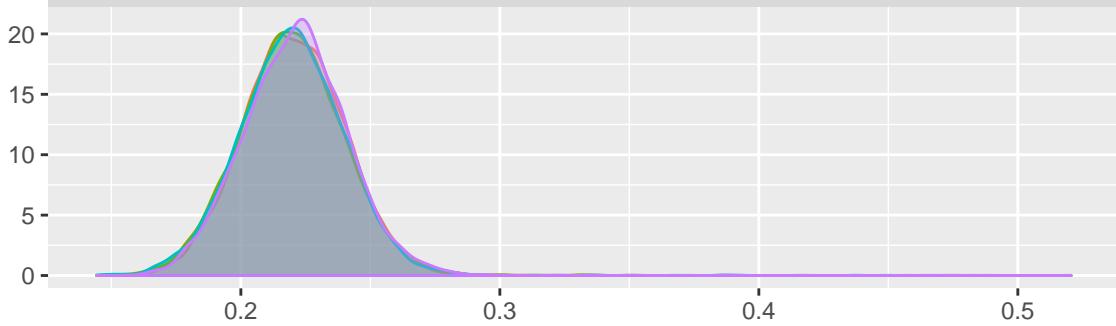
- 1
- 2
- 3
- 4

value

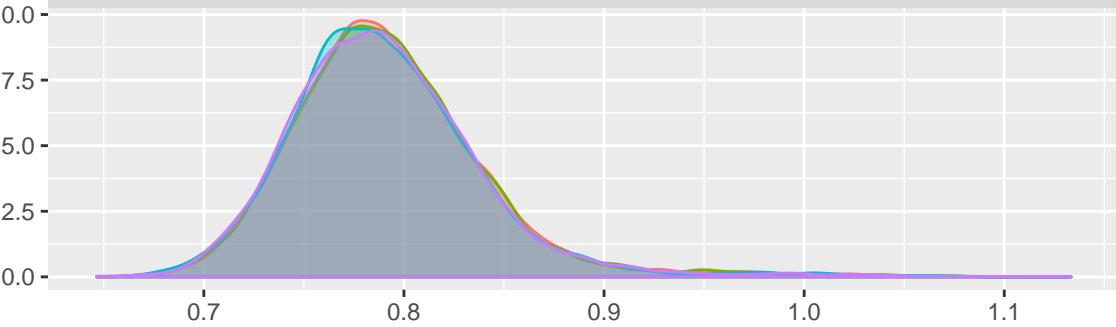
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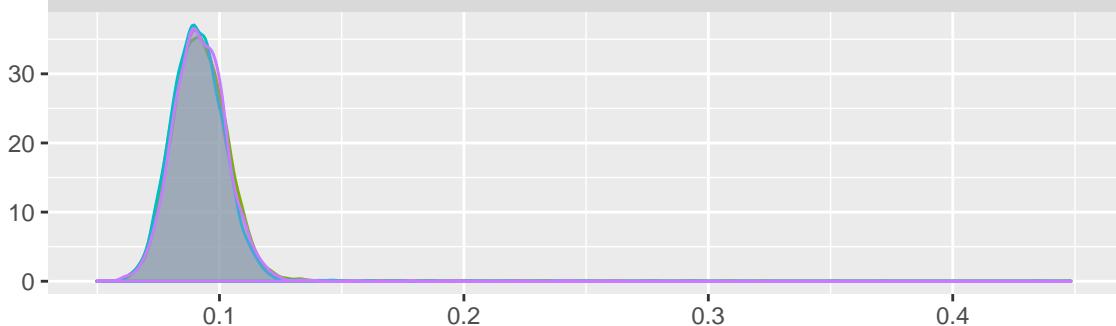
tau2.P.2.13



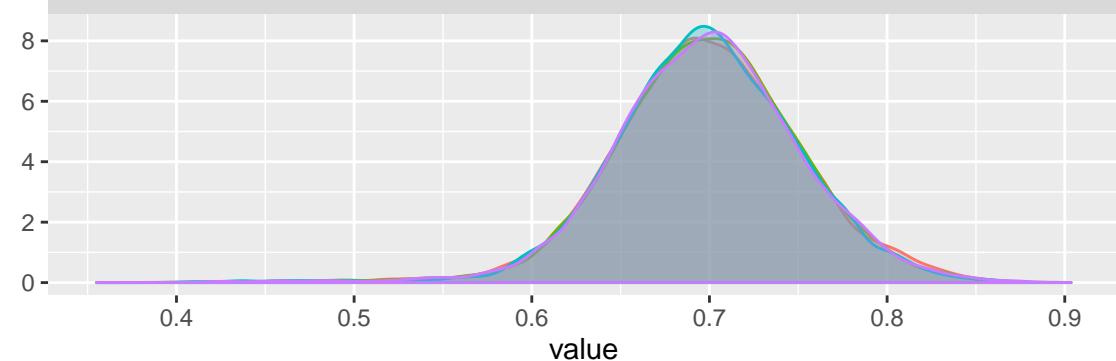
tau2.P.2.14



tau2.P.2.15



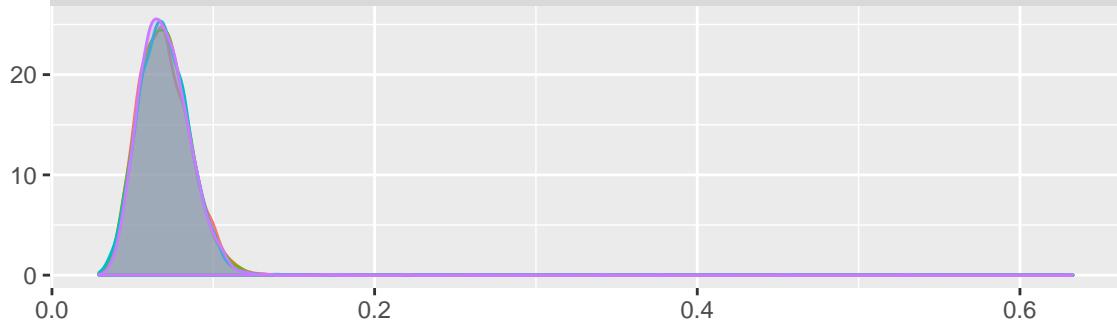
tau2.P.2.16



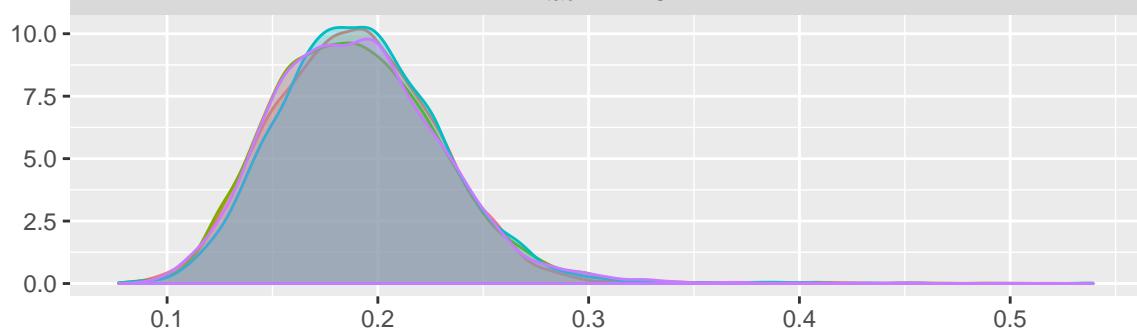
Chain

- 1
- 2
- 3
- 4

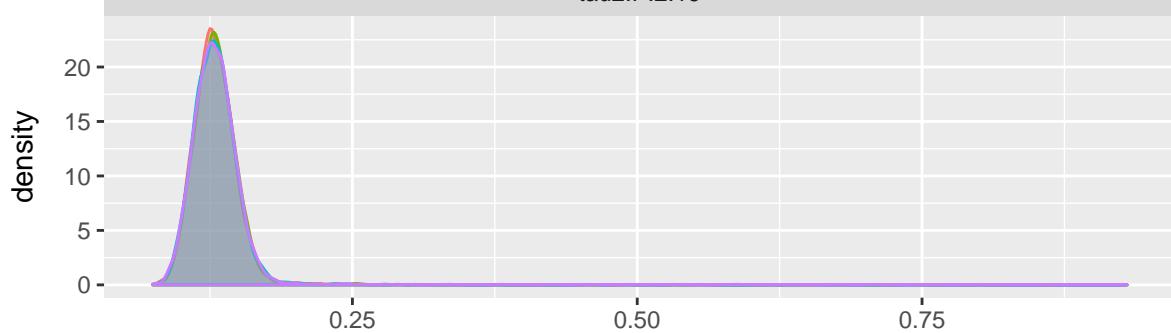
tau2.P.2.17



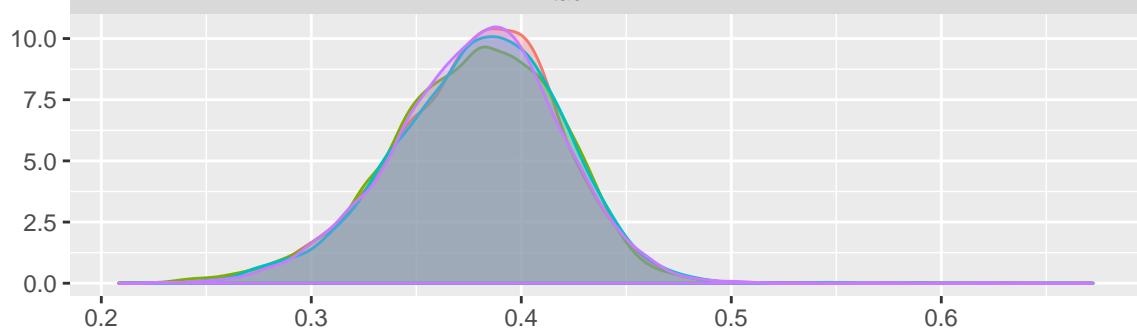
tau2.P.2.18



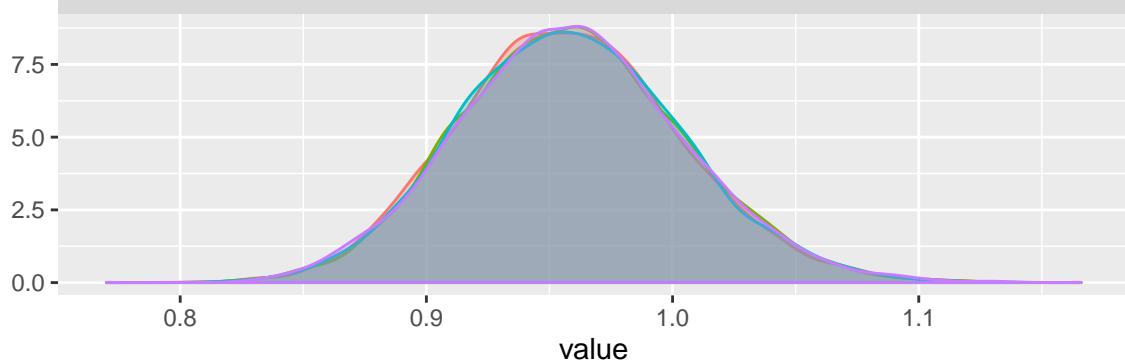
tau2.P.2.19



tau2.P.2.2



tau2.P.2.20

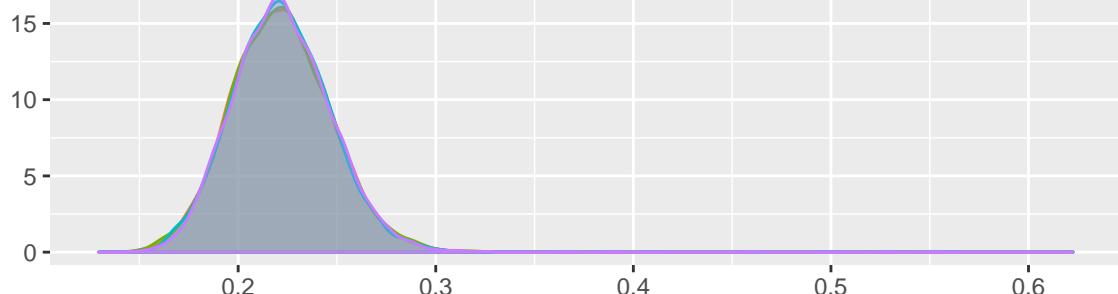


Chain

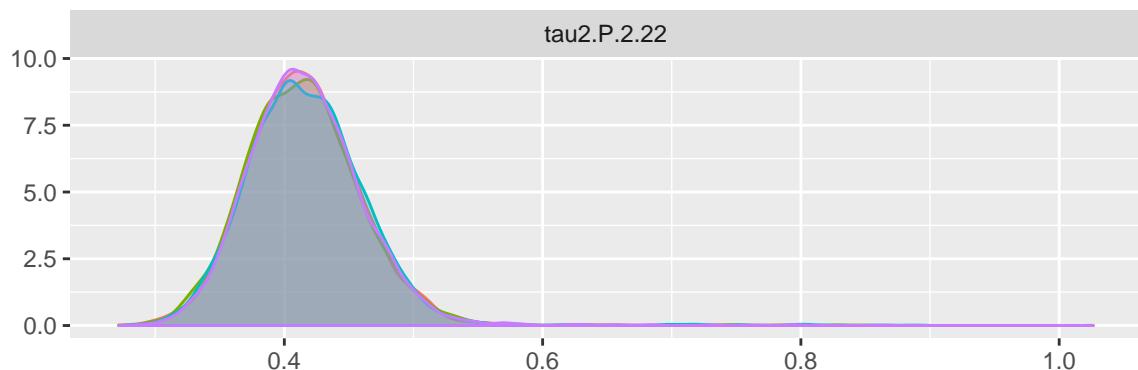
- 1
- 2
- 3
- 4

value

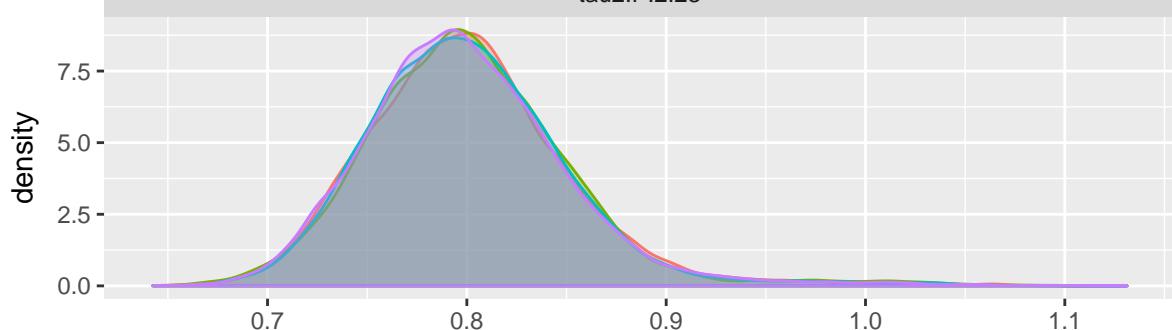
tau2.P.2.21



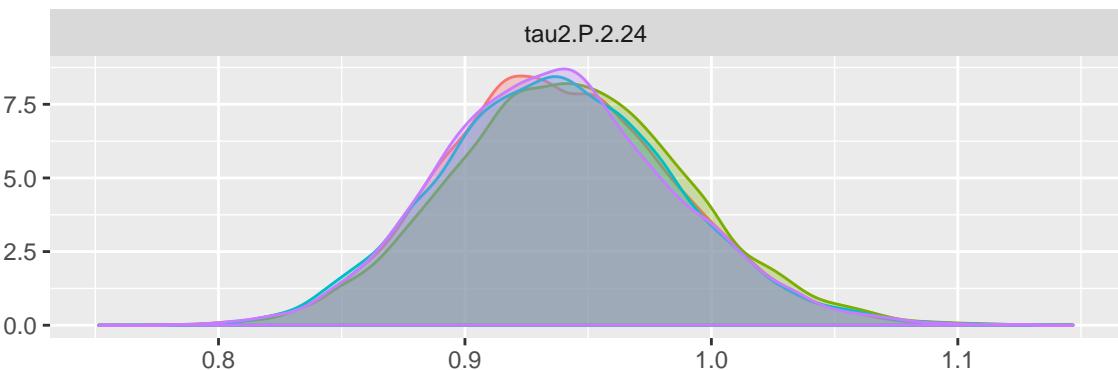
tau2.P.2.22



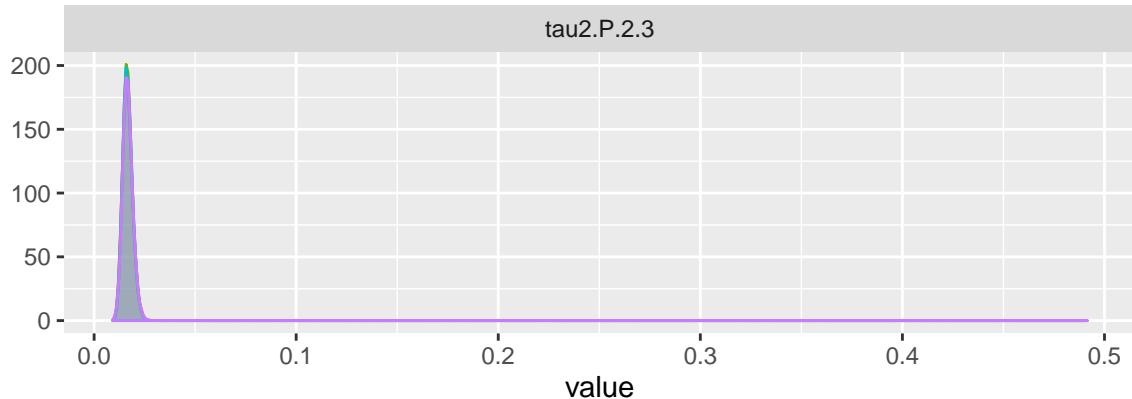
tau2.P.2.23



tau2.P.2.24



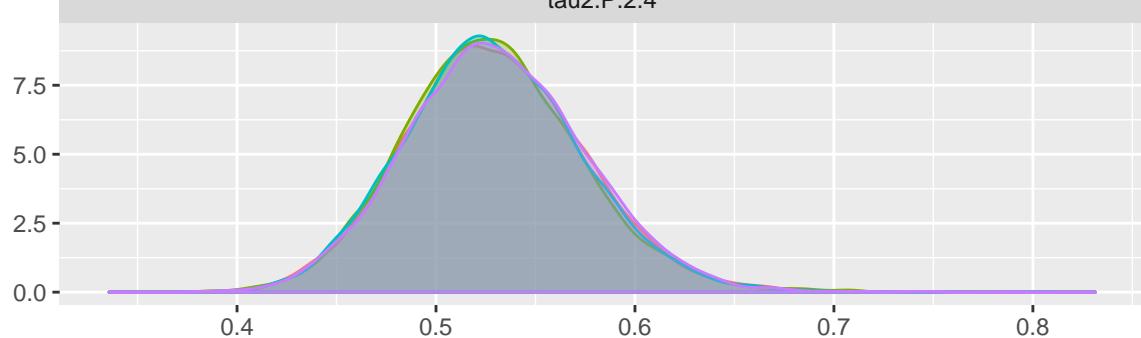
tau2.P.2.3



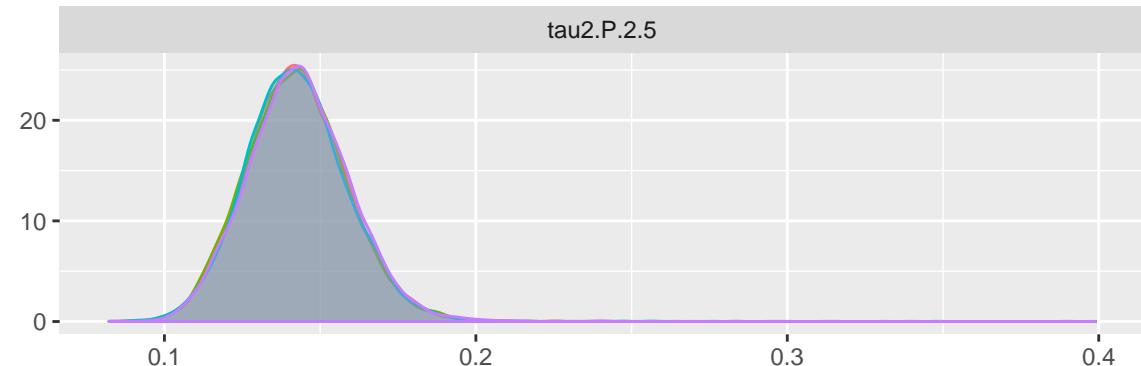
Chain  
1  
2  
3  
4

value

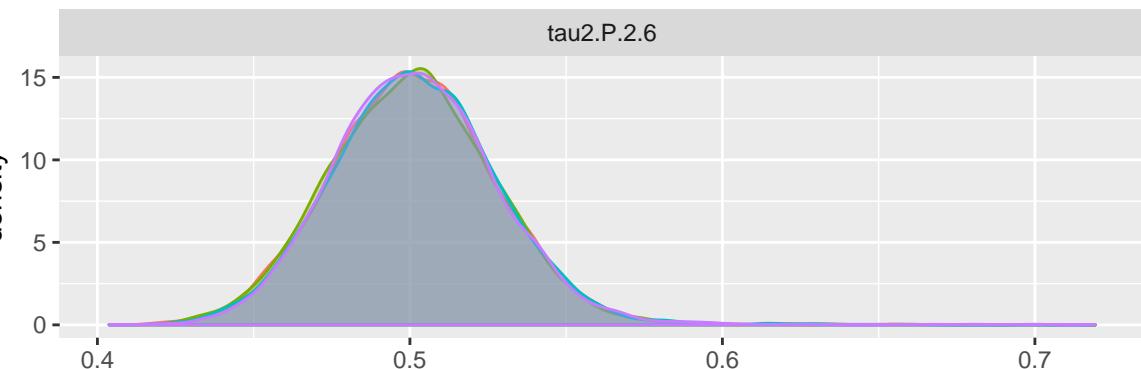
tau2.P.2.4



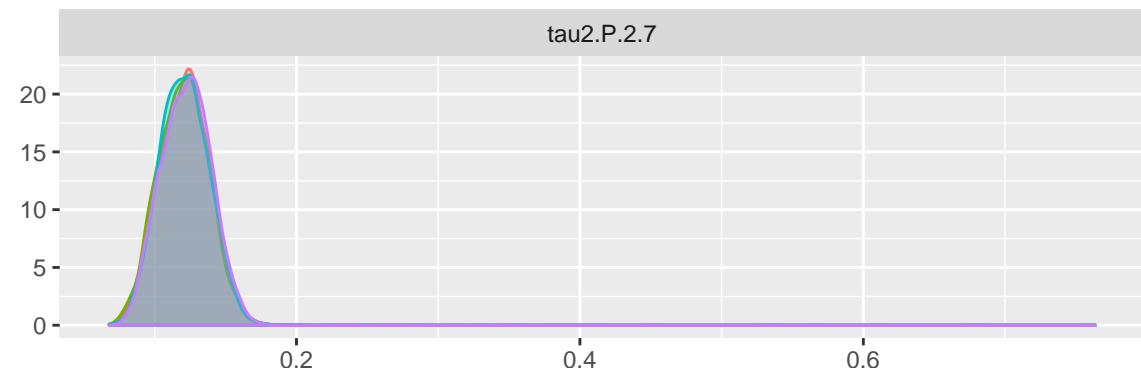
tau2.P.2.5



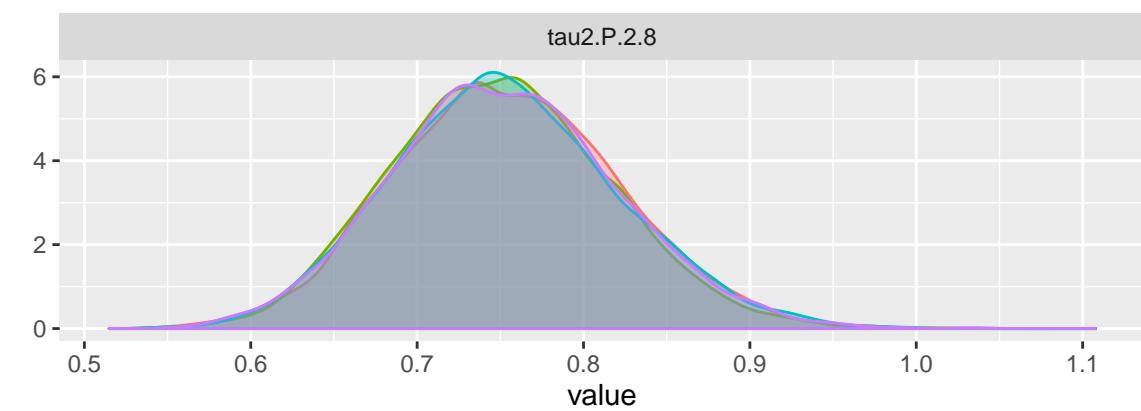
tau2.P.2.6



tau2.P.2.7



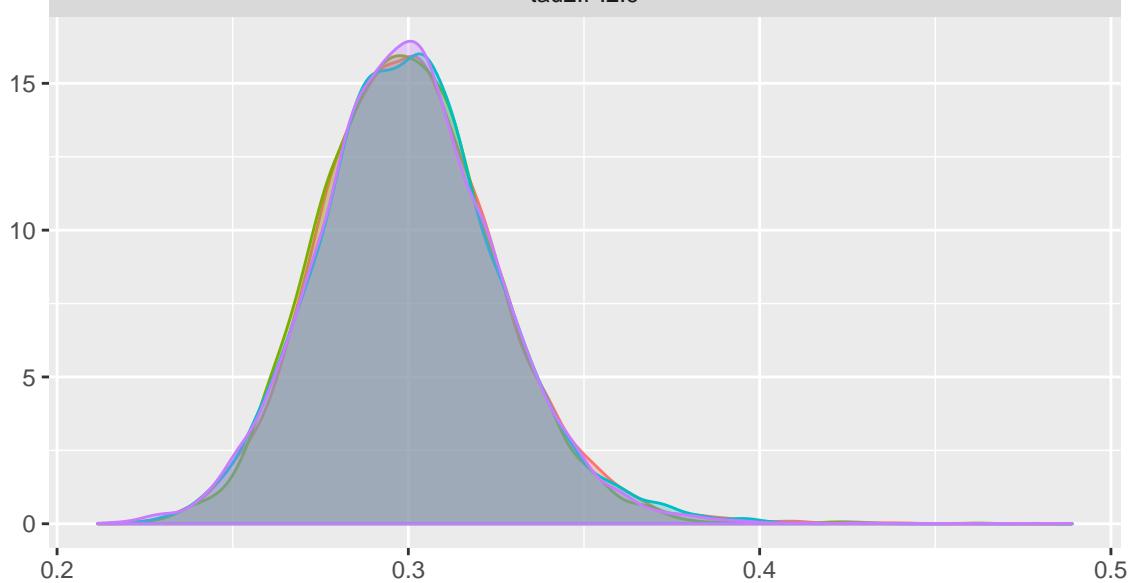
tau2.P.2.8



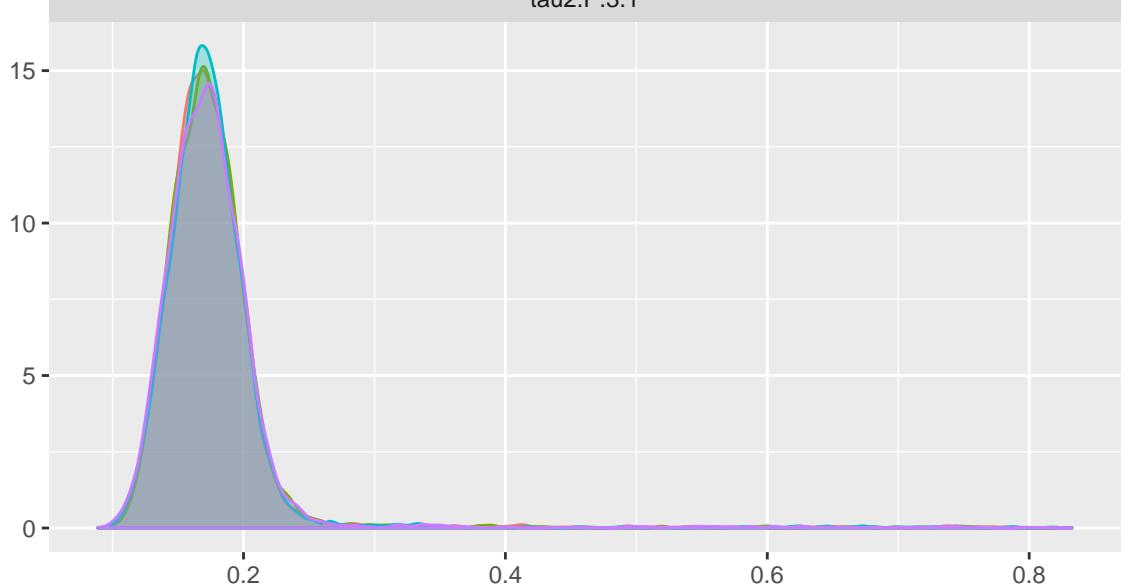
Chain

- 1
- 2
- 3
- 4

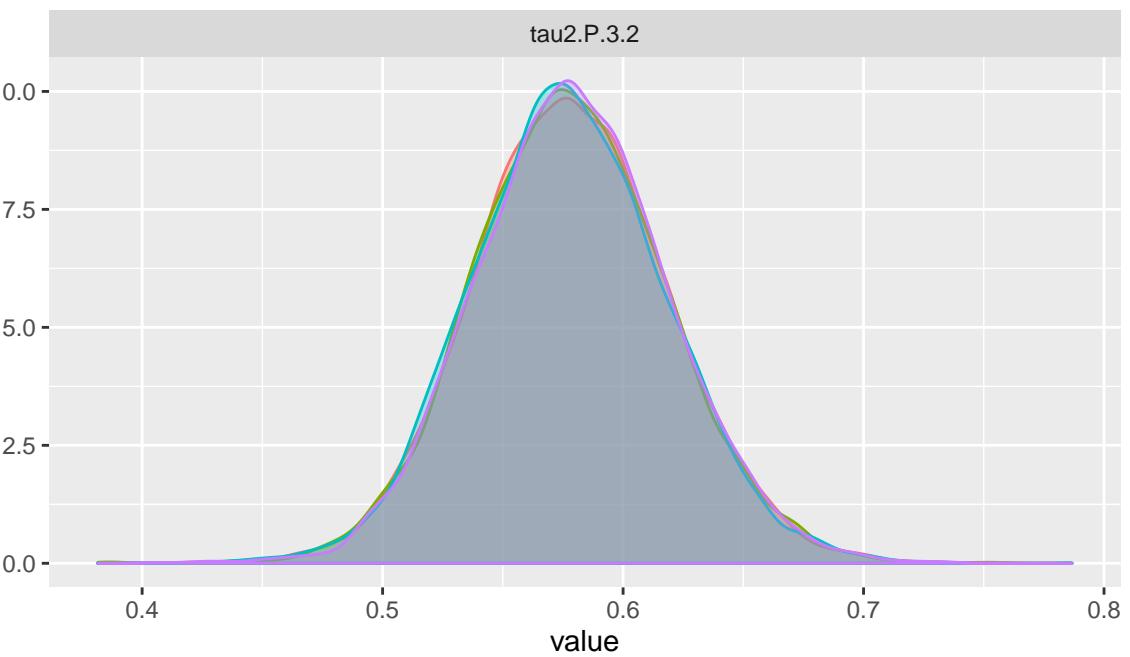
tau2.P.2.9



tau2.P.3.1

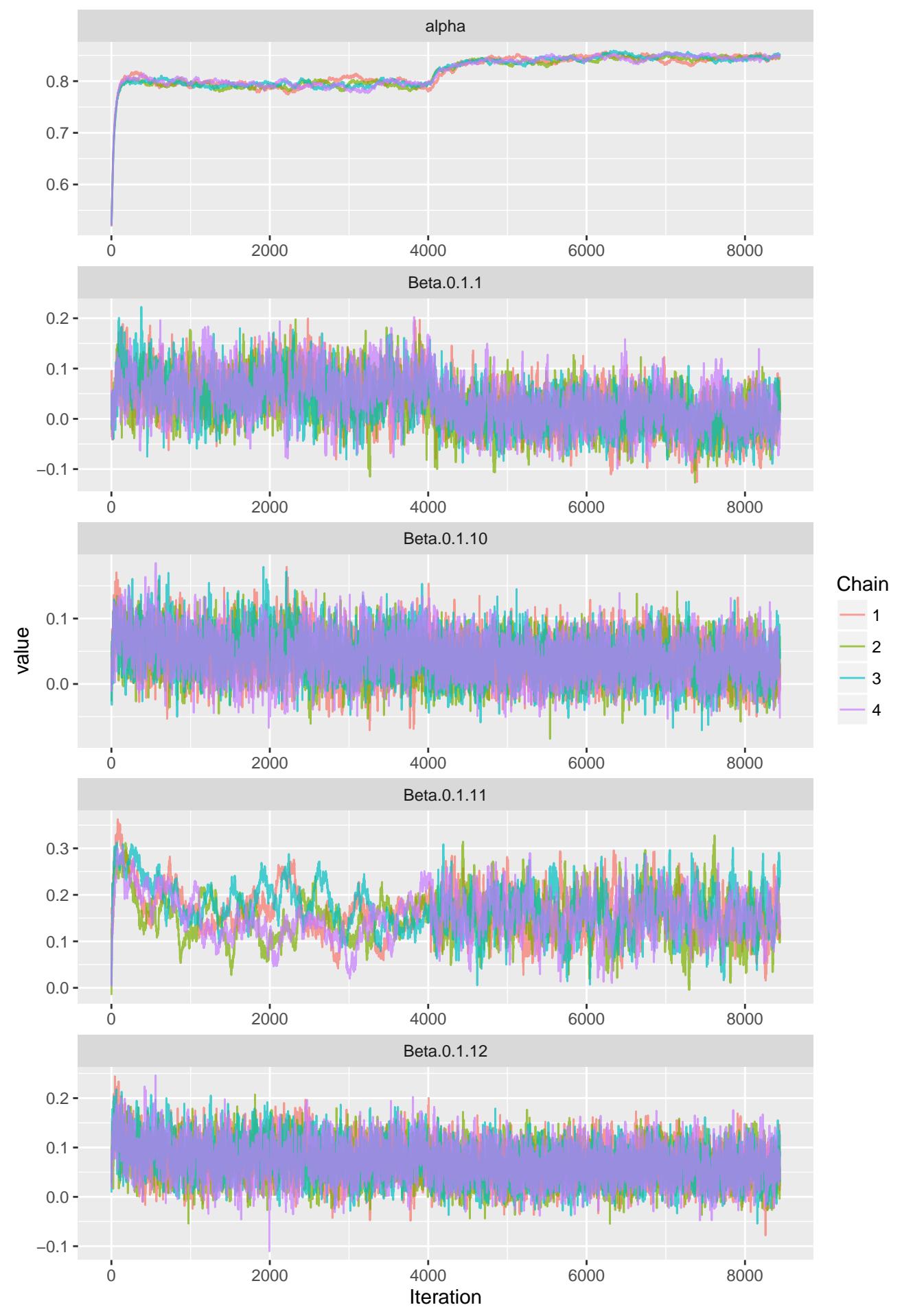


tau2.P.3.2

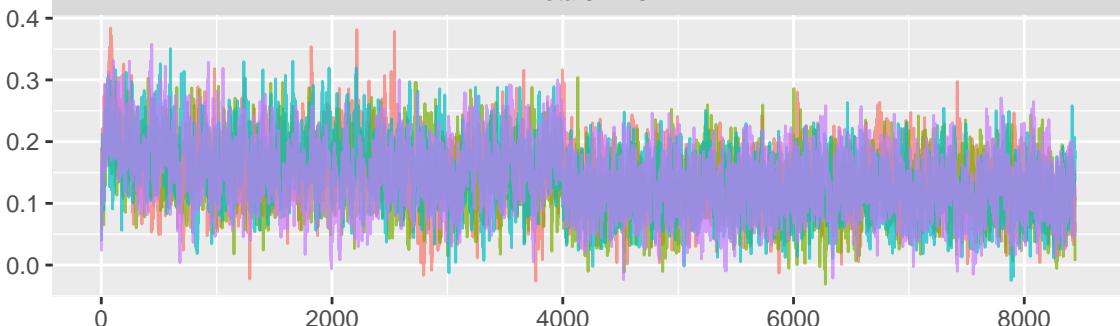


Chain

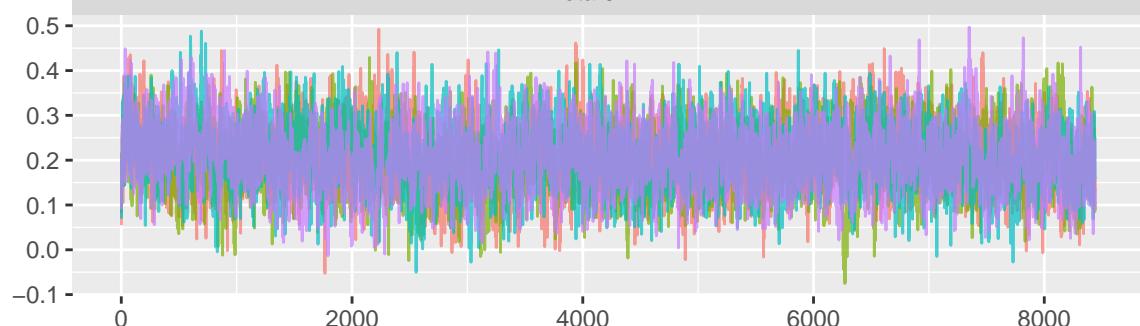
- 1
- 2
- 3
- 4



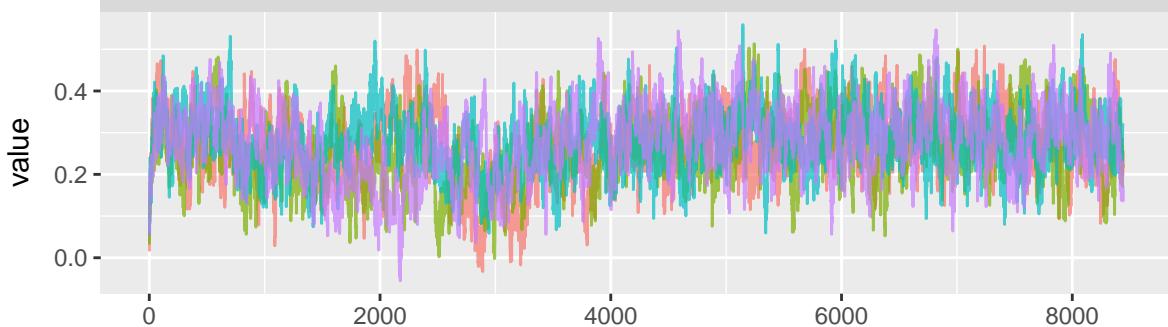
### Beta.0.1.13



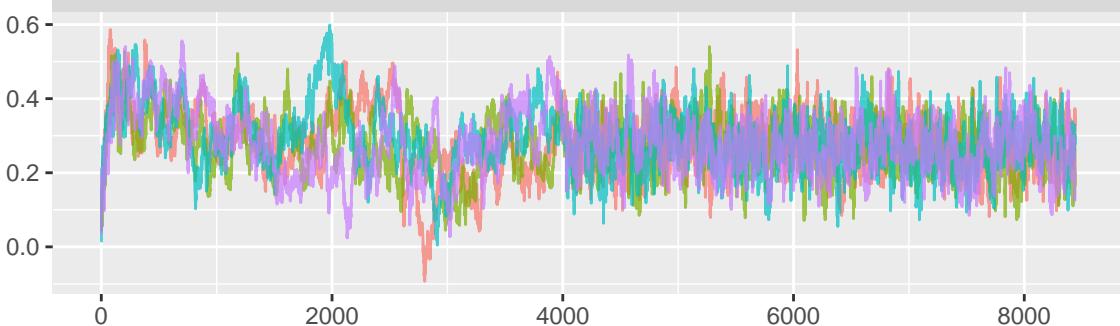
### Beta.0.1.14



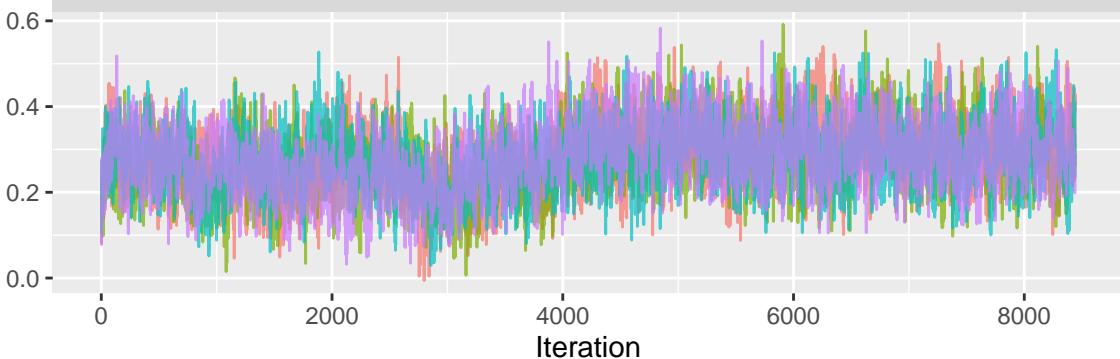
### Beta.0.1.15



### Beta.0.1.16



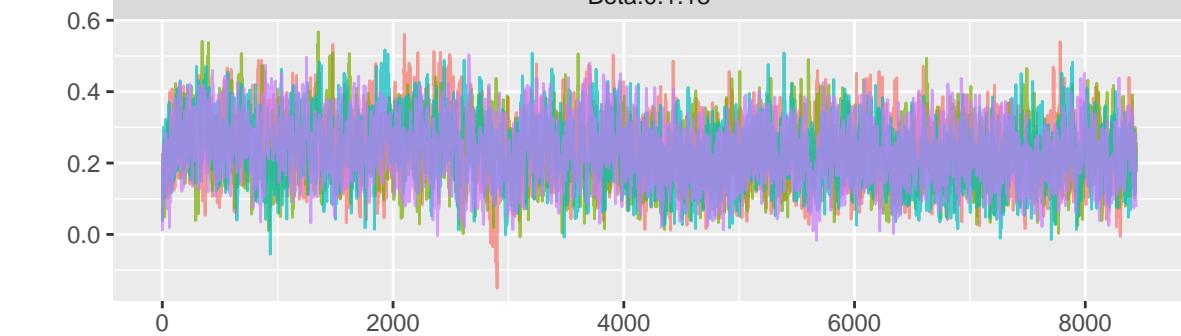
### Beta.0.1.17



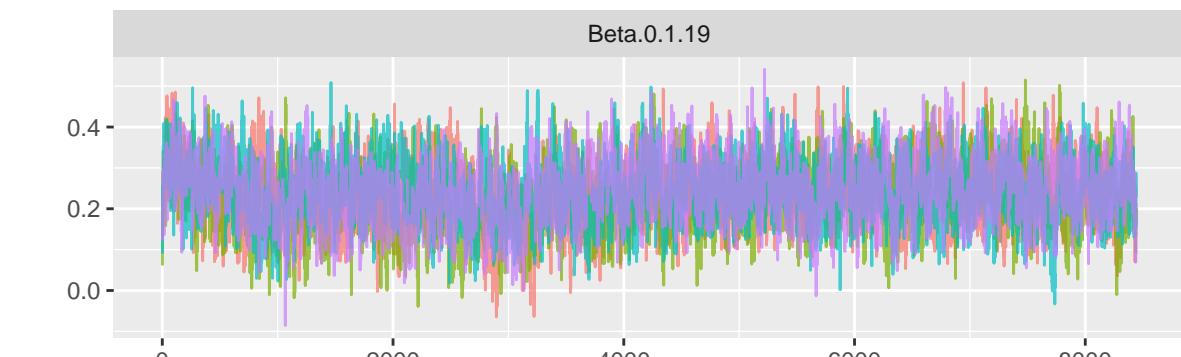
Chain  
1  
2  
3  
4

Iteration

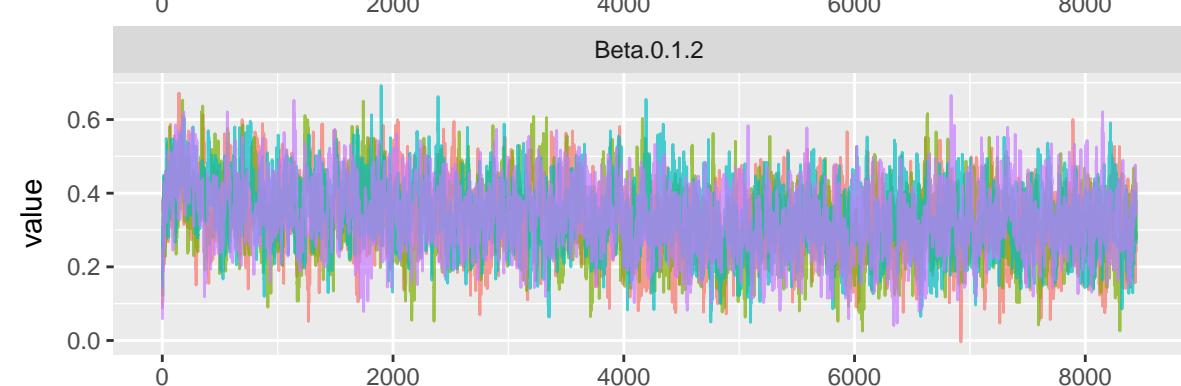
Beta.0.1.18



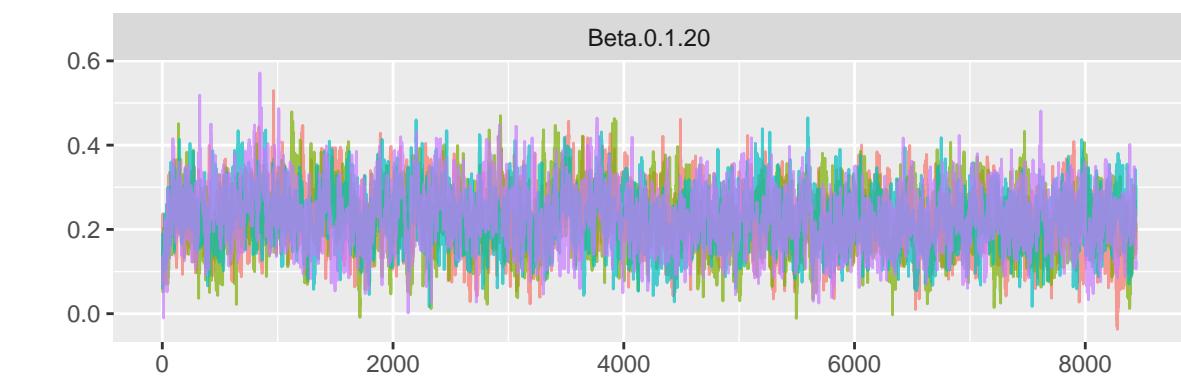
Beta.0.1.19



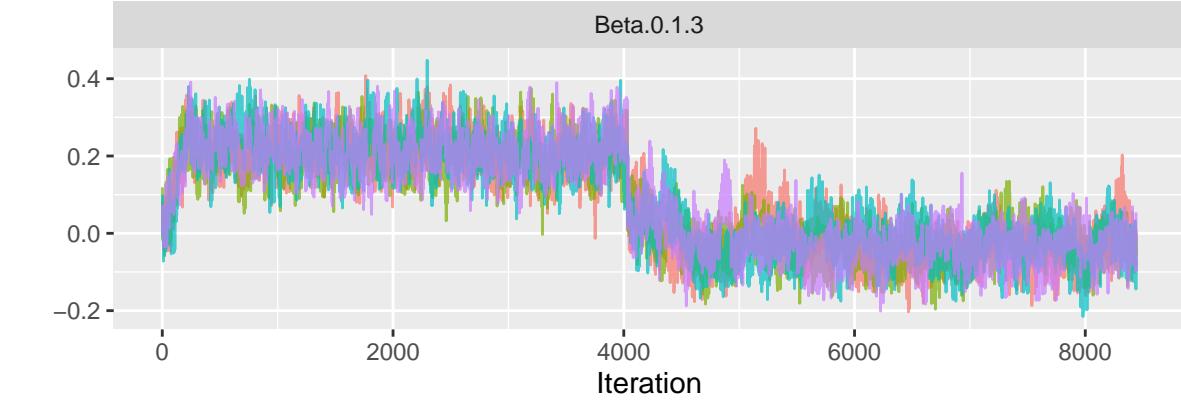
Beta.0.1.2



Beta.0.1.20



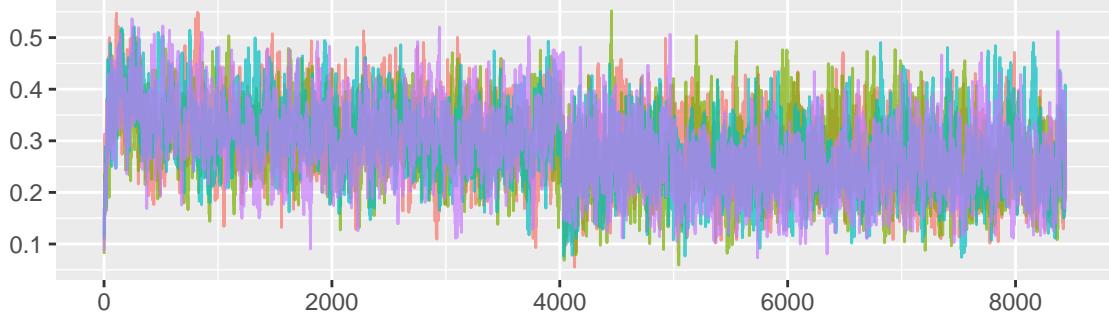
Beta.0.1.3



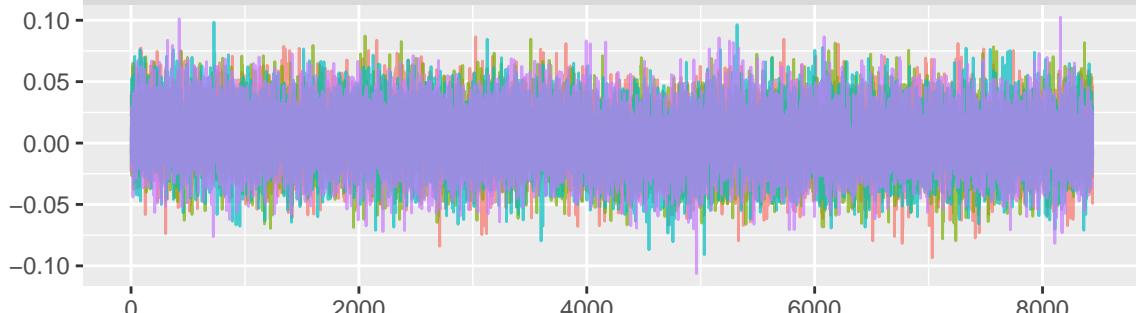
Chain  
1  
2  
3  
4

Iteration

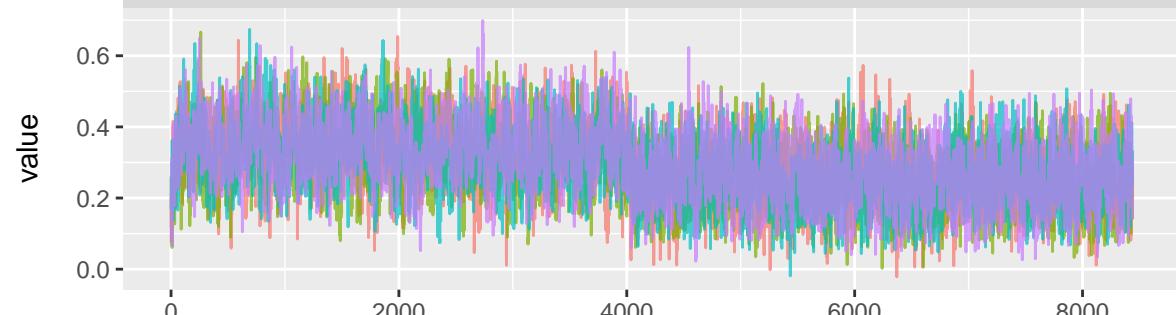
### Beta.0.1.4



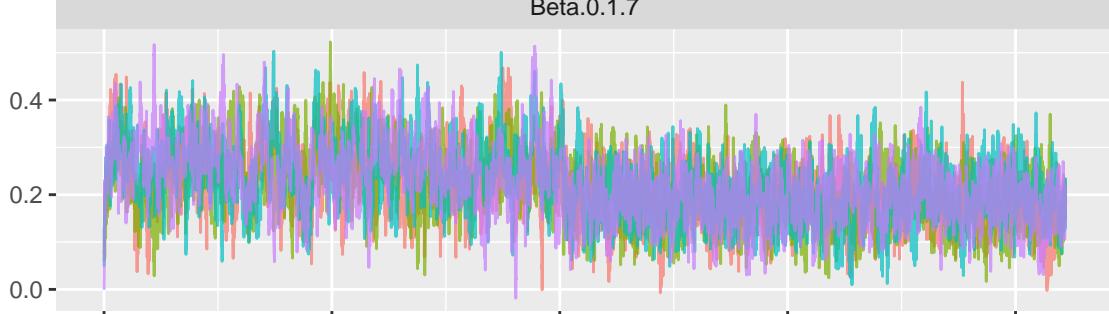
### Beta.0.1.5



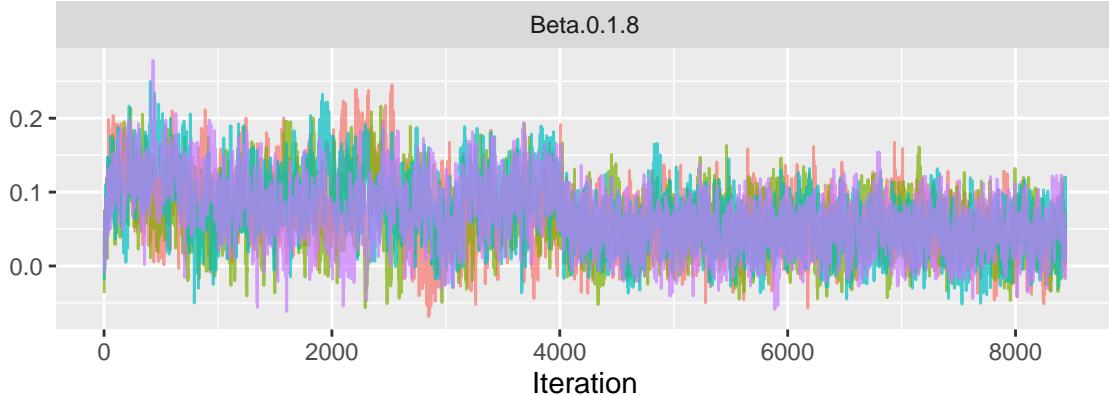
### Beta.0.1.6



### Beta.0.1.7



### Beta.0.1.8

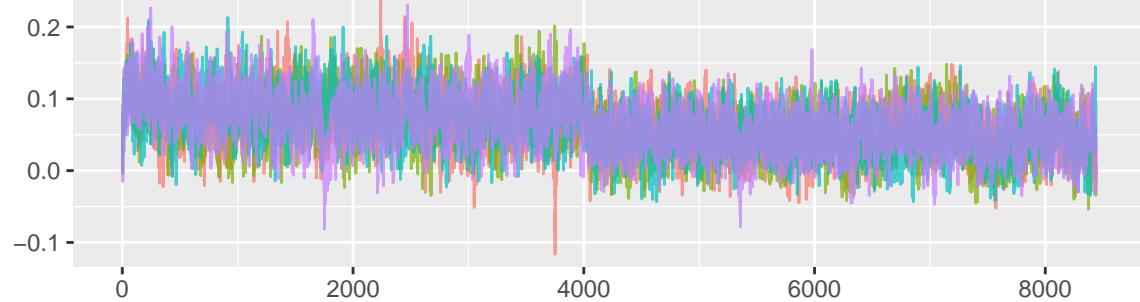


Chain

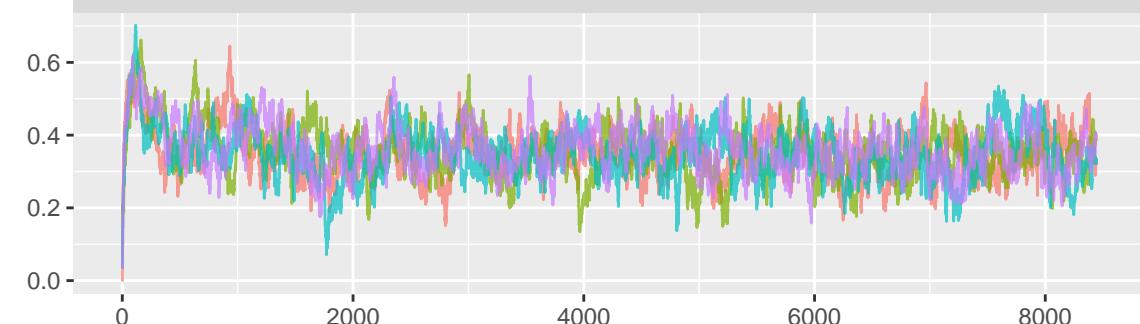
- 1
- 2
- 3
- 4

Iteration

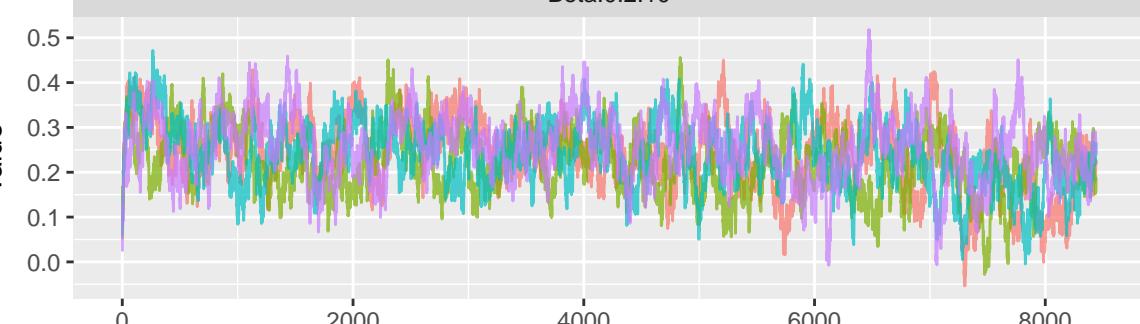
### Beta.0.1.9



### Beta.0.2.1



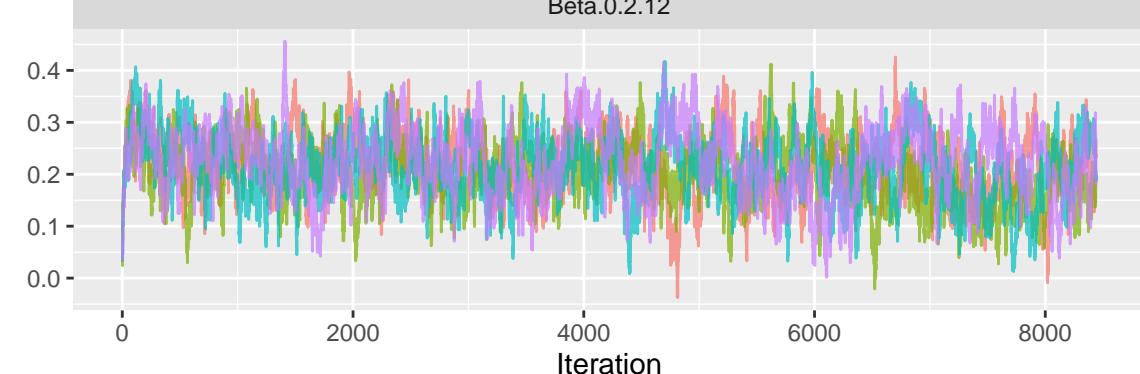
### Beta.0.2.10



### Beta.0.2.11



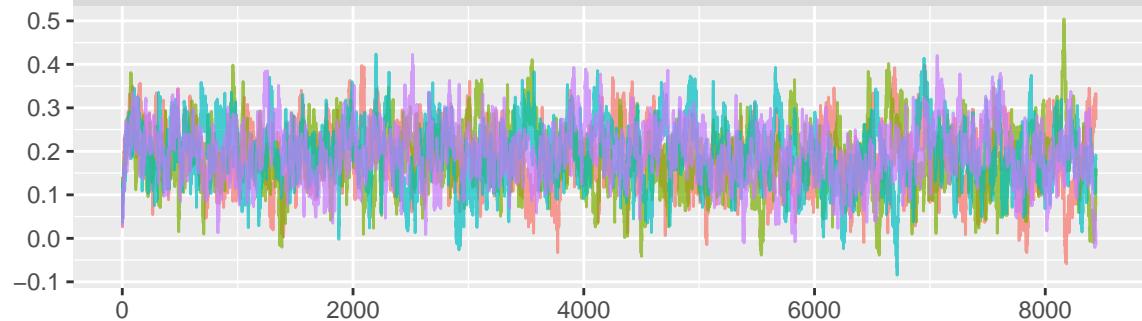
### Beta.0.2.12



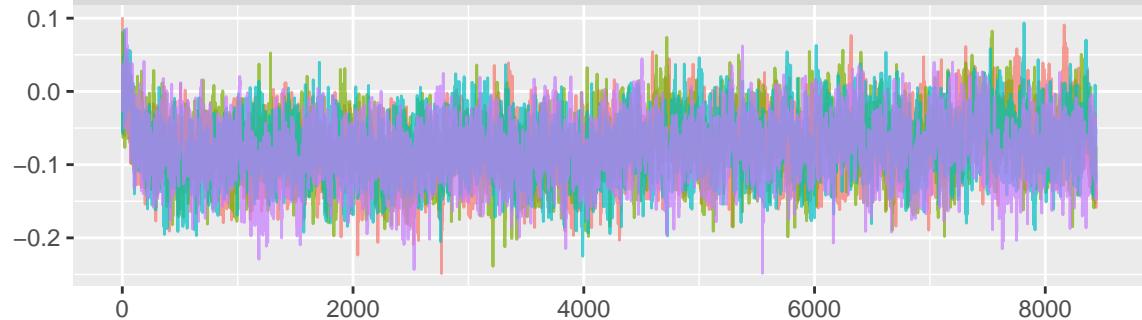
Chain  
1  
2  
3  
4

Iteration

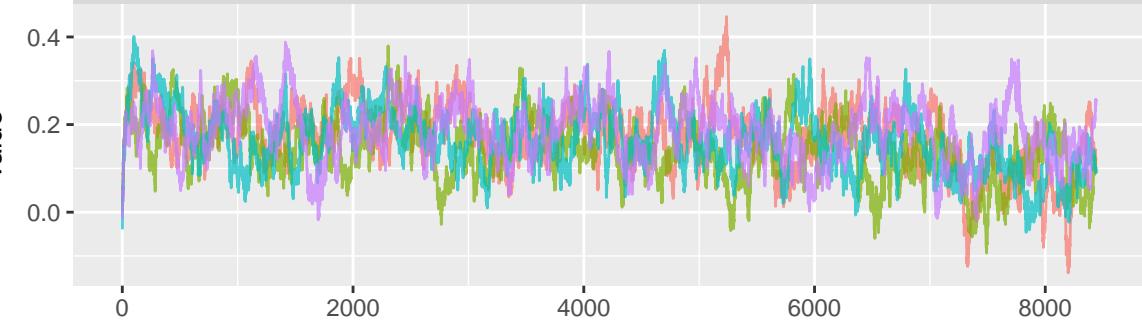
### Beta.0.2.13



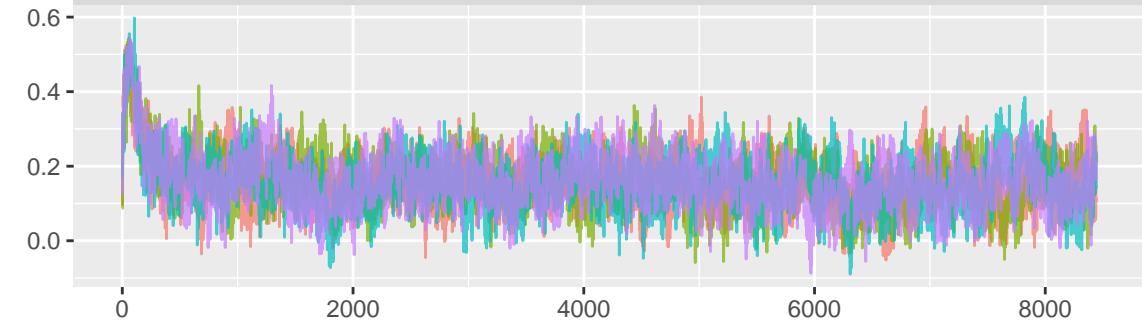
### Beta.0.2.14



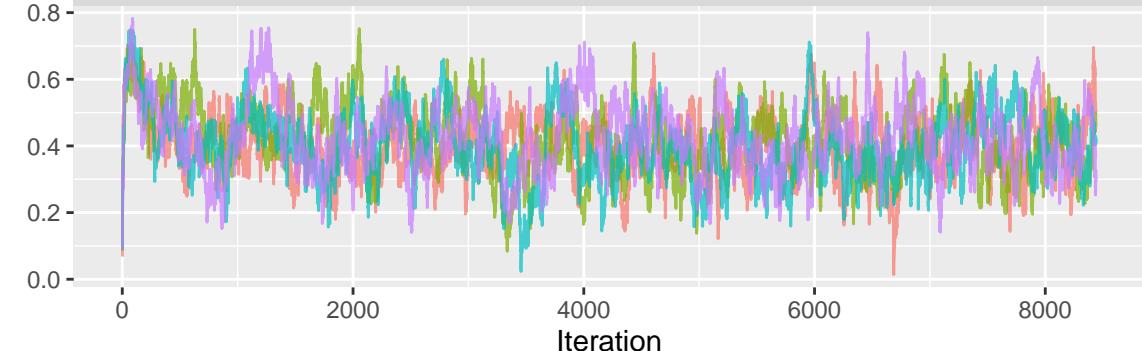
### Beta.0.2.15



### Beta.0.2.16



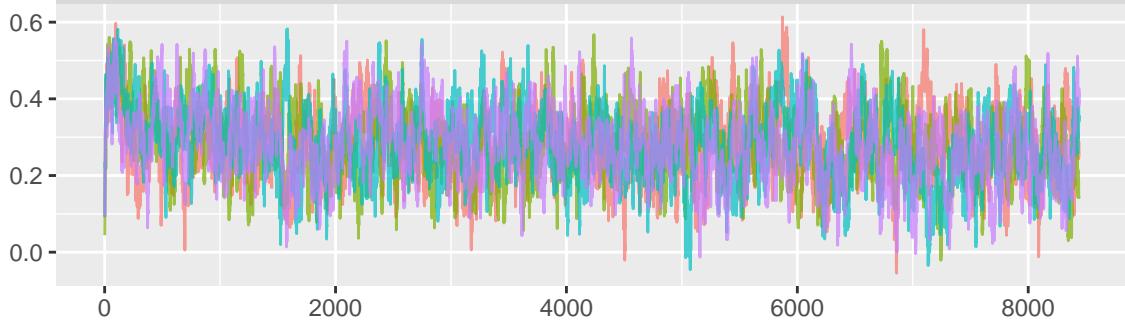
### Beta.0.2.17



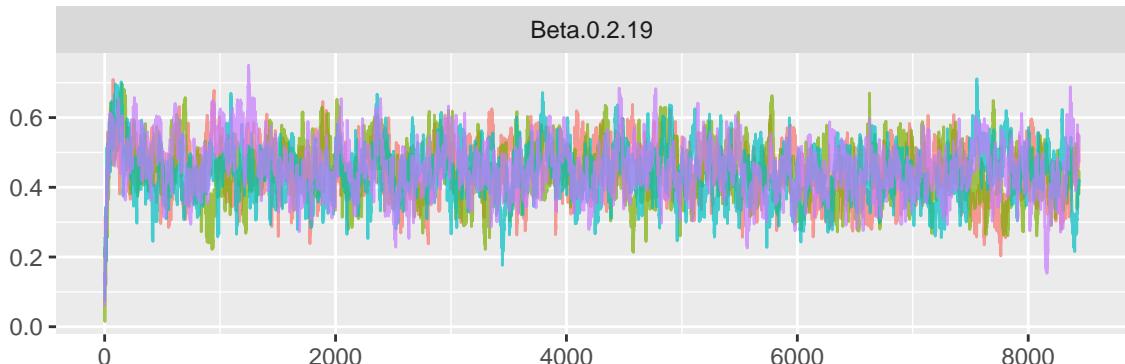
Chain  
1  
2  
3  
4

Iteration

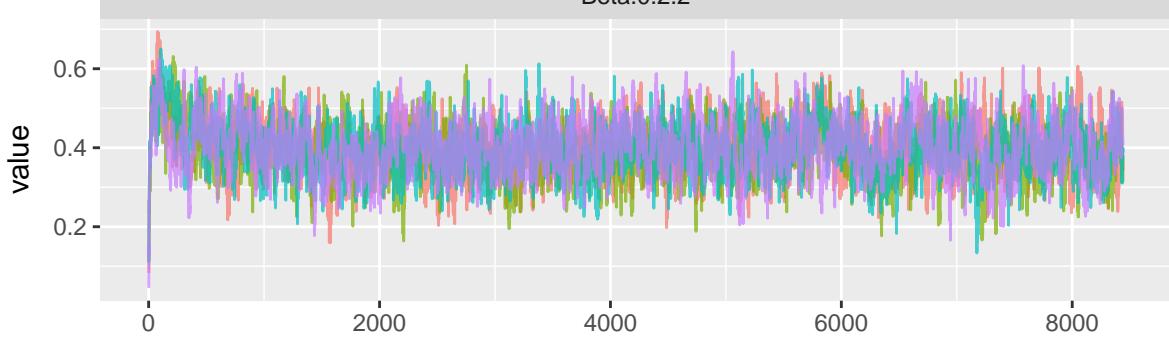
### Beta.0.2.18



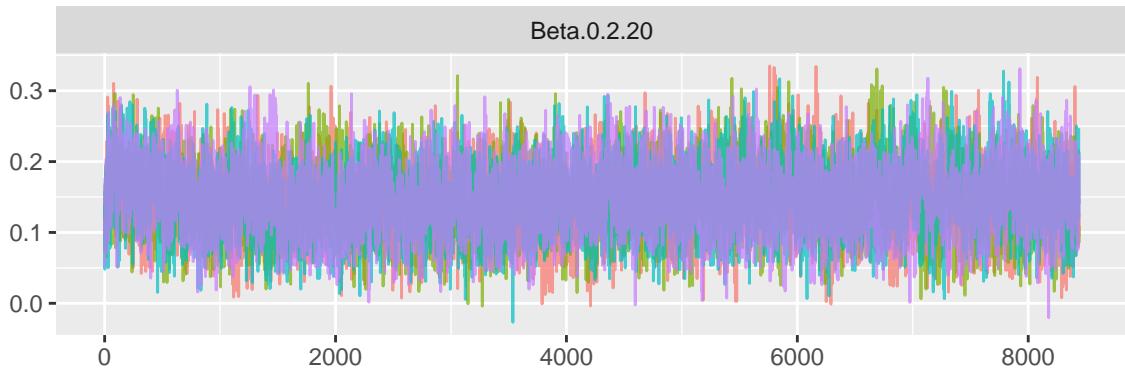
### Beta.0.2.19



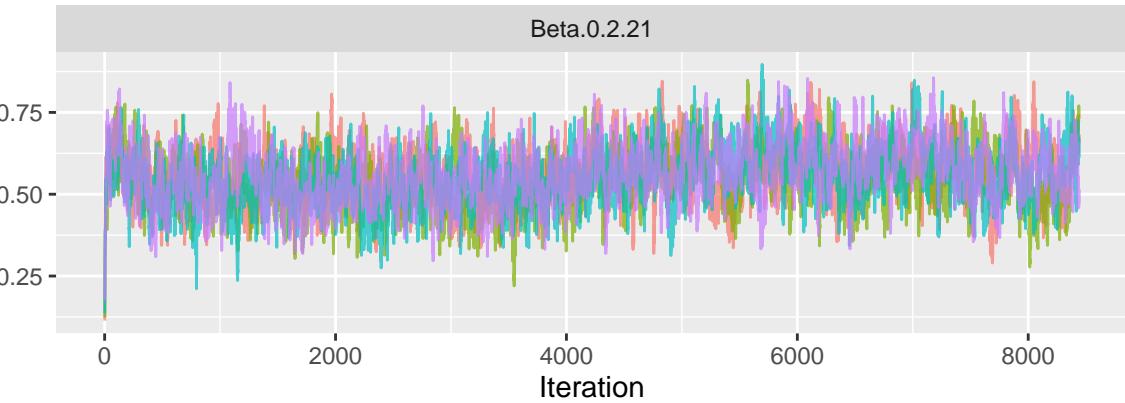
### Beta.0.2.2



### Beta.0.2.20



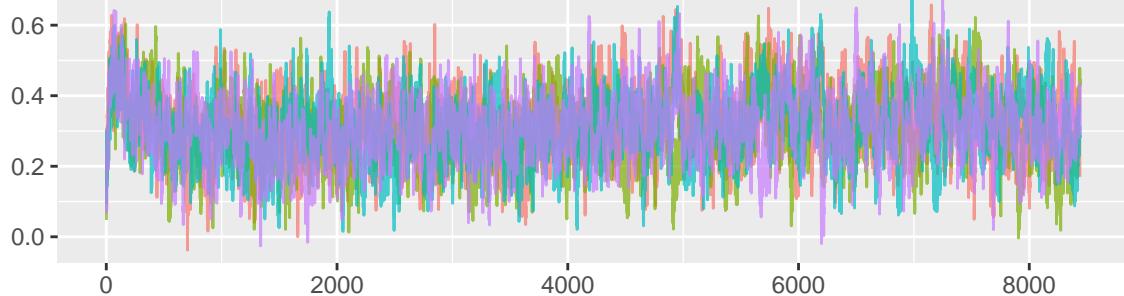
### Beta.0.2.21



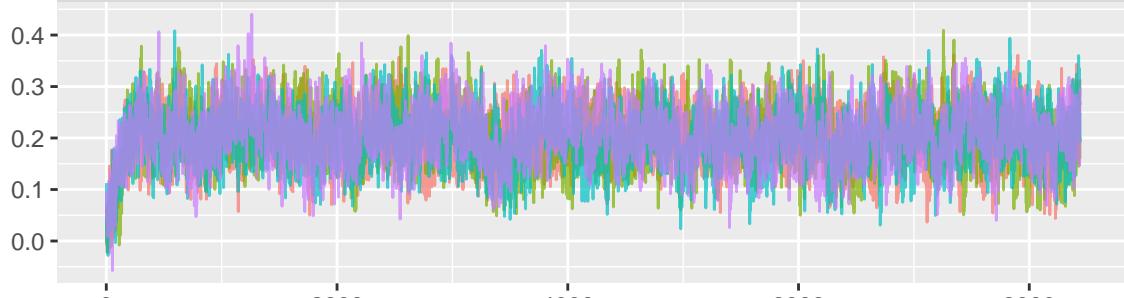
Chain  
1  
2  
3  
4

Iteration

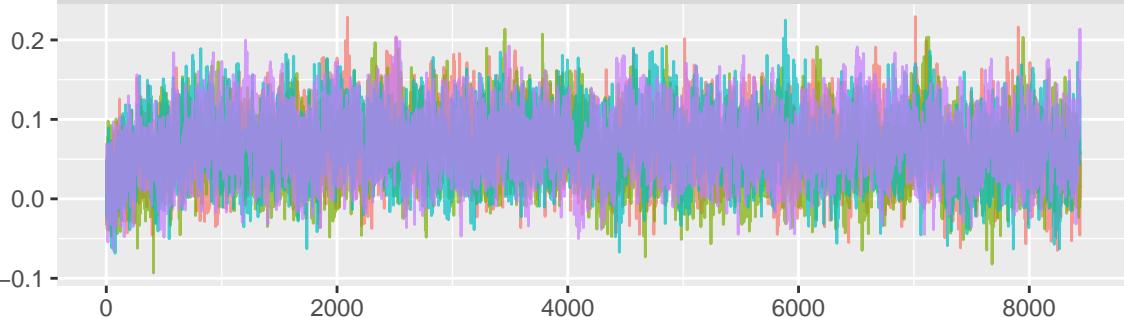
Beta.0.2.22



Beta.0.2.23



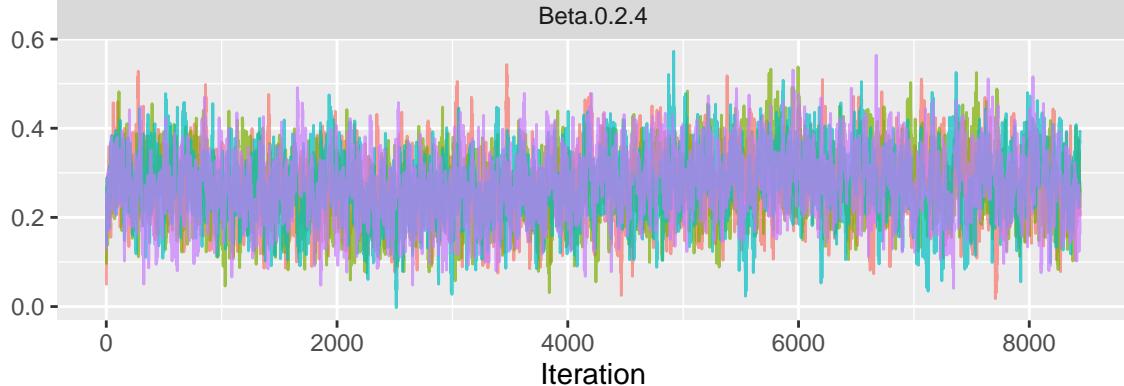
Beta.0.2.24



Beta.0.2.3



Beta.0.2.4

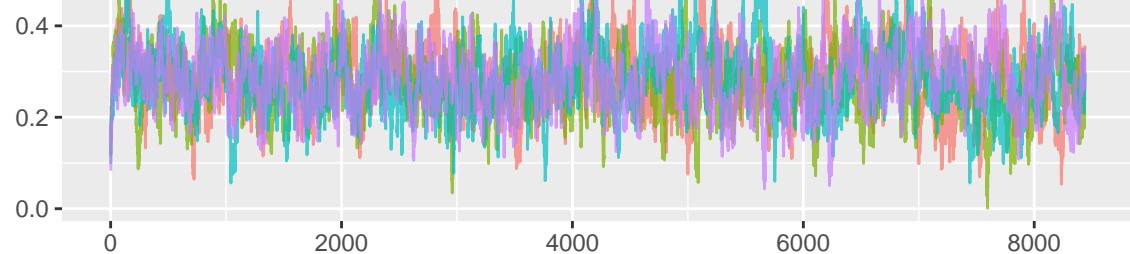


Chain

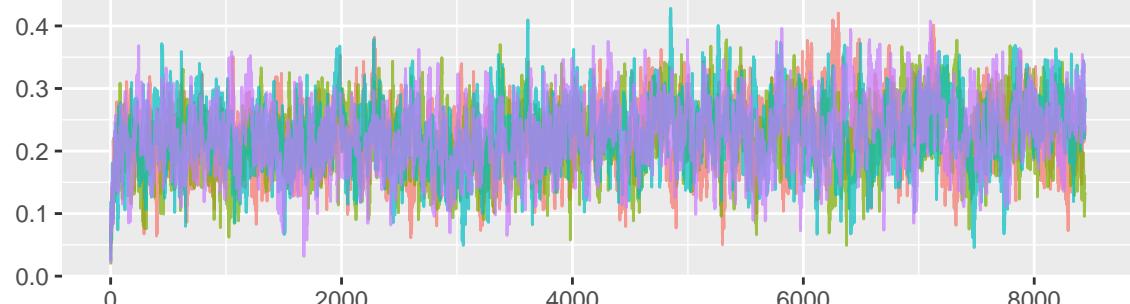
- 1
- 2
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Iteration

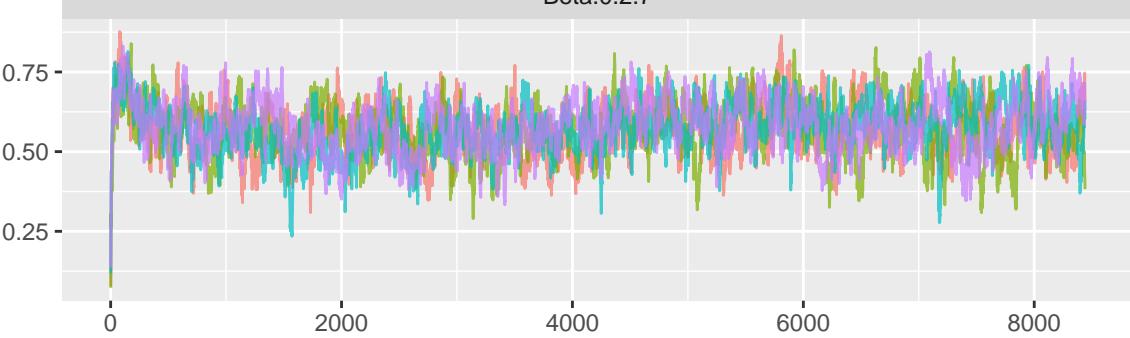
### Beta.0.2.5



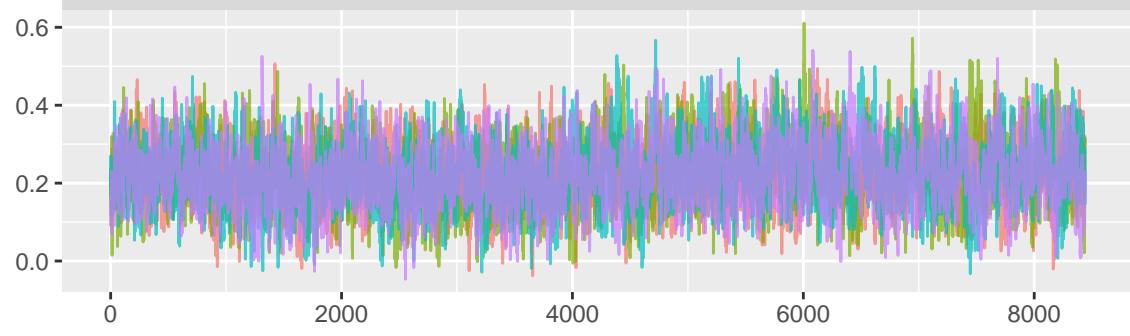
### Beta.0.2.6



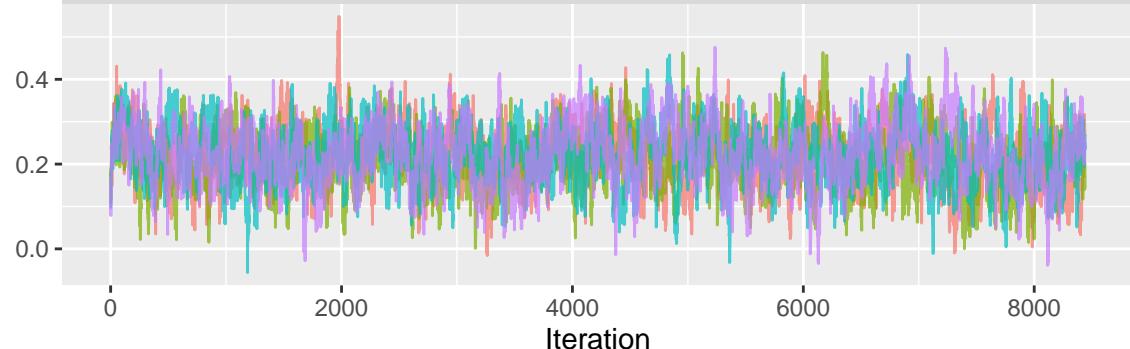
### Beta.0.2.7



### Beta.0.2.8



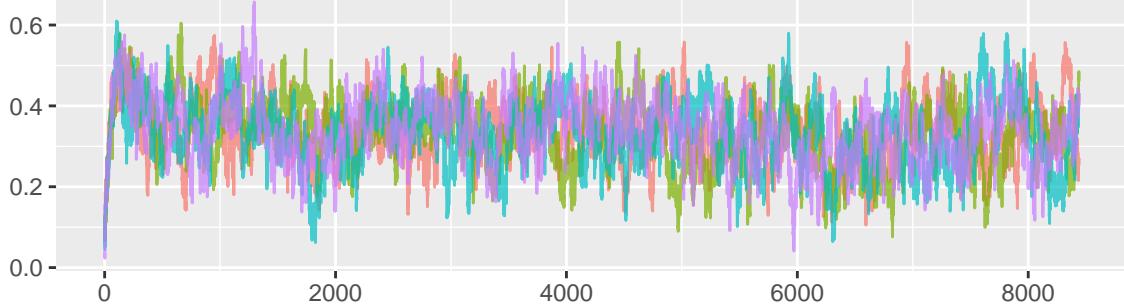
### Beta.0.2.9



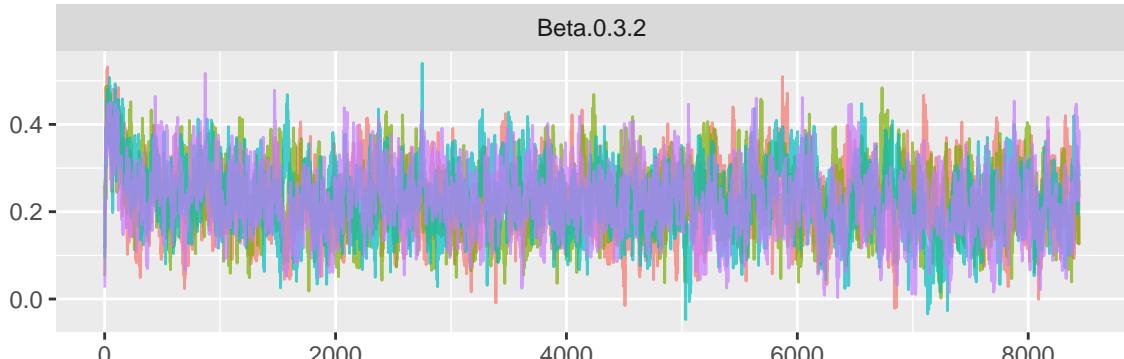
Chain  
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4

Iteration

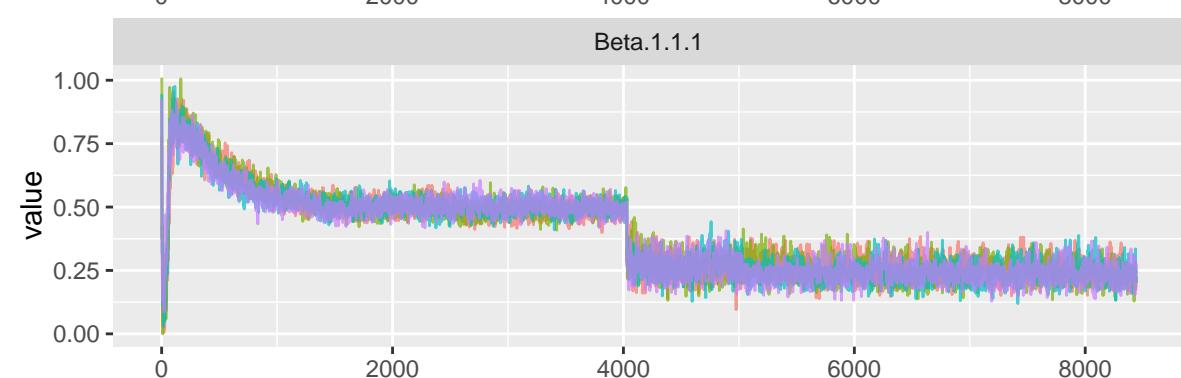
Beta.0.3.1



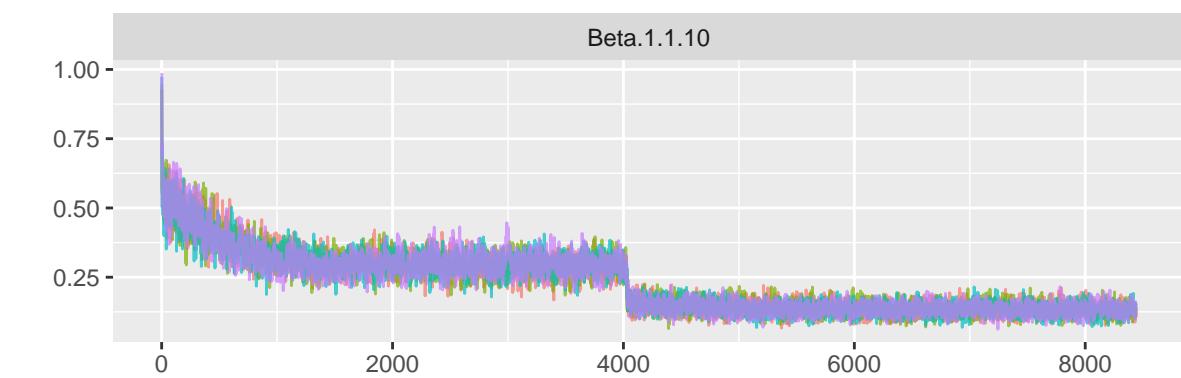
Beta.0.3.2



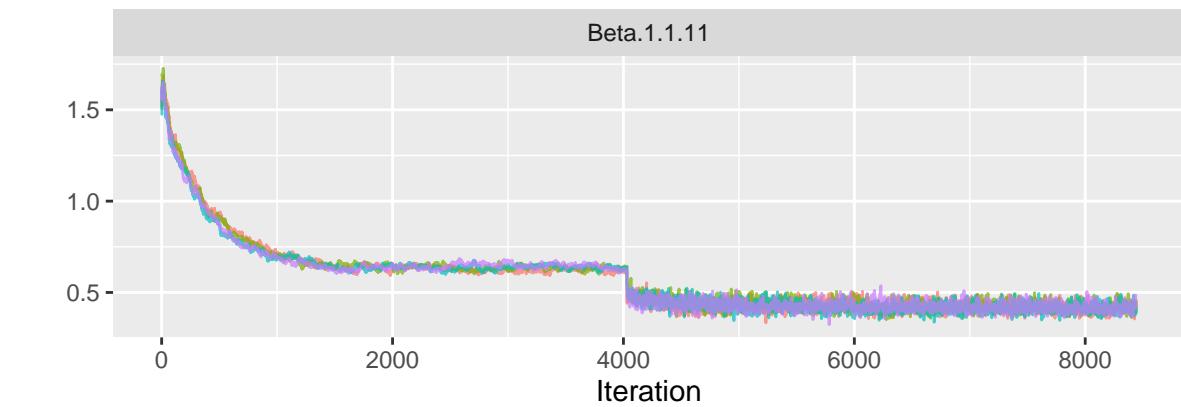
Beta.1.1.1



Beta.1.1.10



Beta.1.1.11

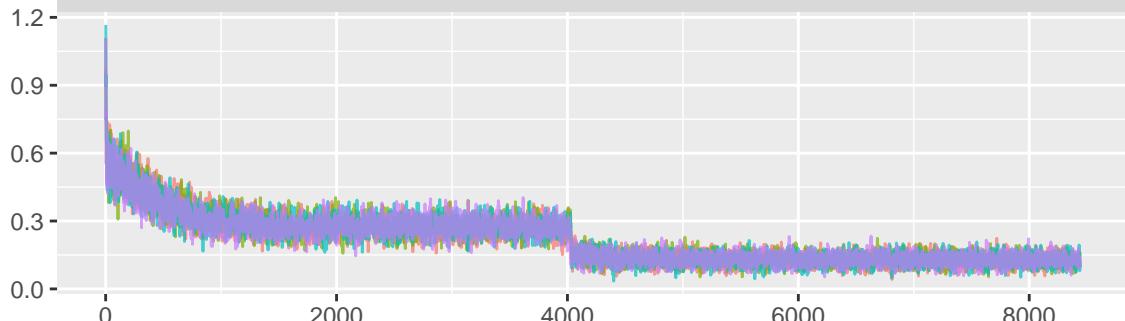


Chain

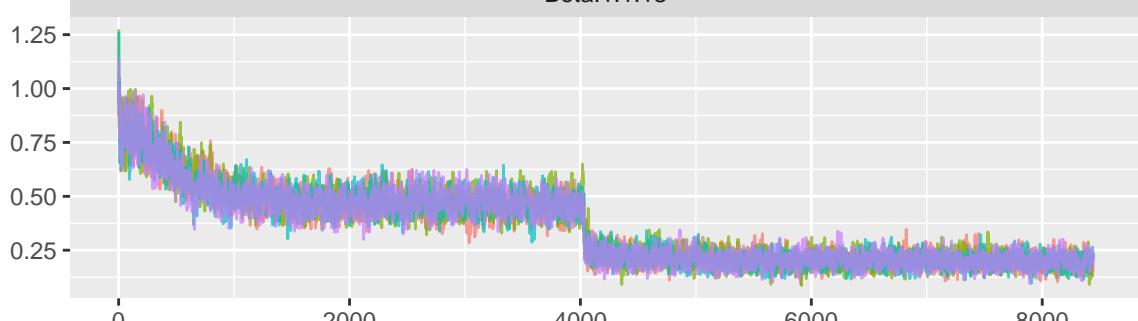
- 1
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- 3
- 4

Iteration

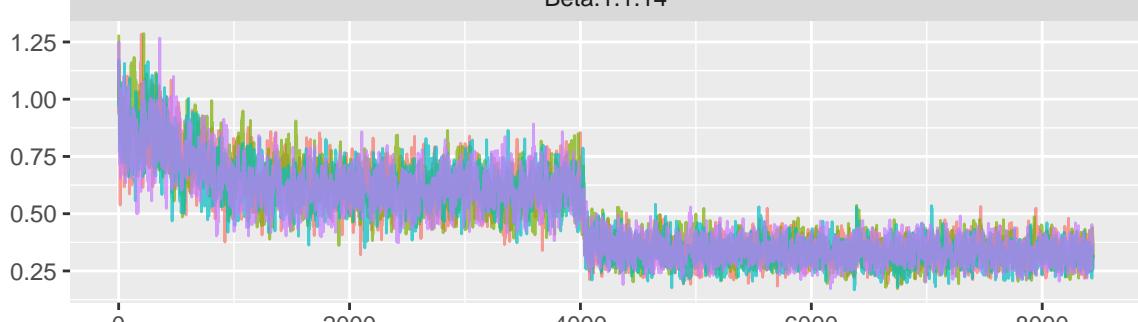
Beta.1.1.12



Beta.1.1.13

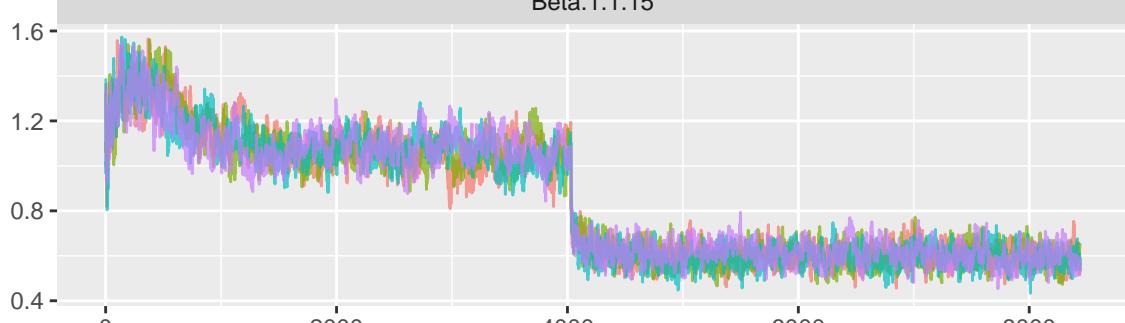


Beta.1.1.14

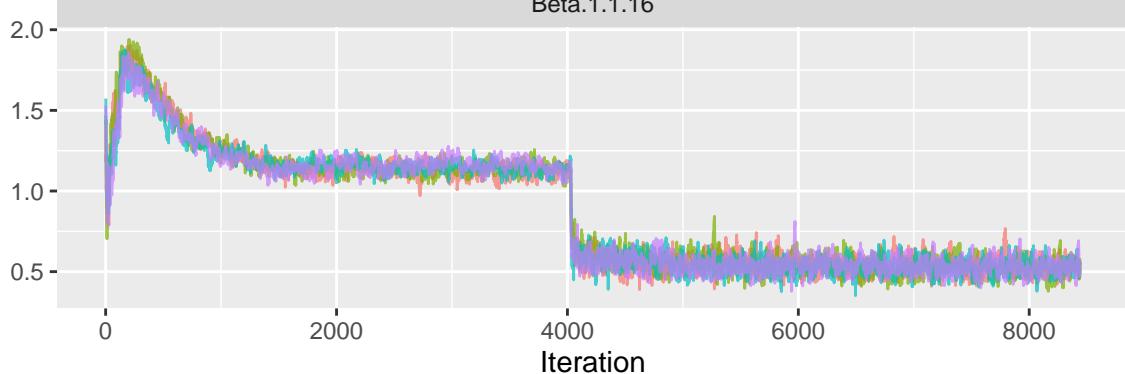


Chain  
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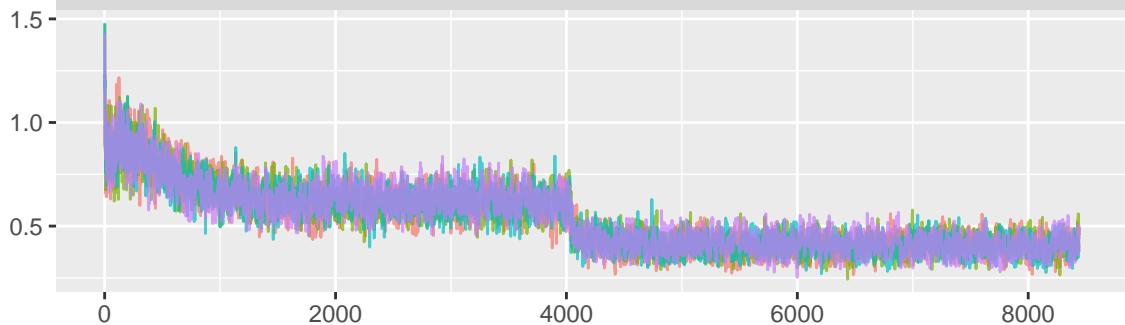
Beta.1.1.15



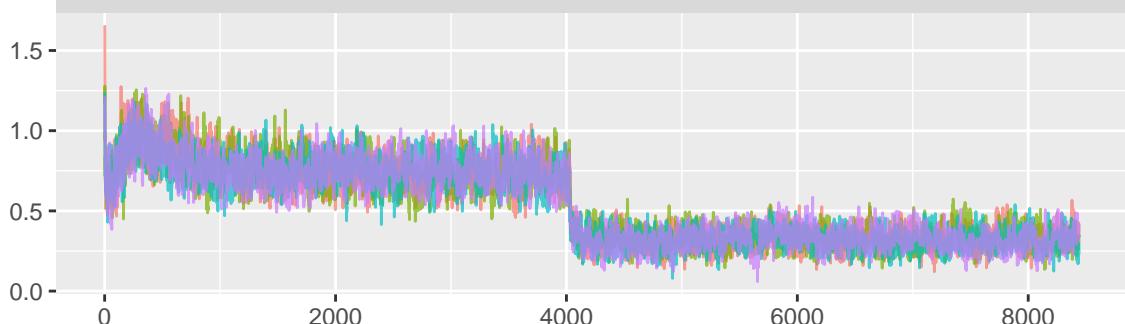
Beta.1.1.16



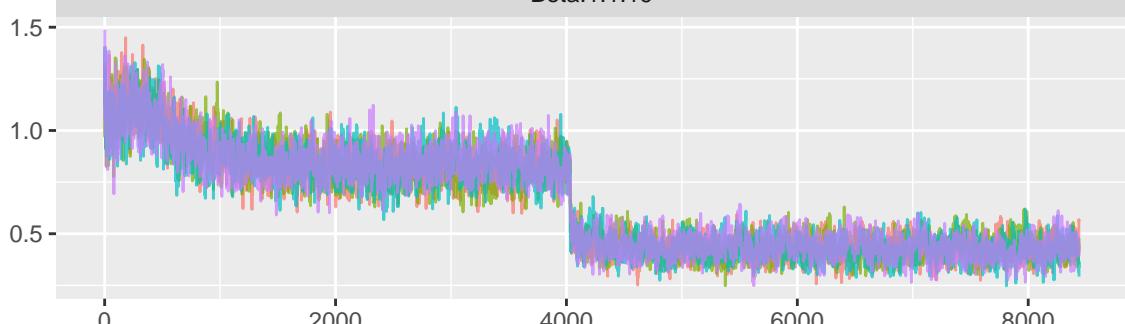
Beta.1.1.17



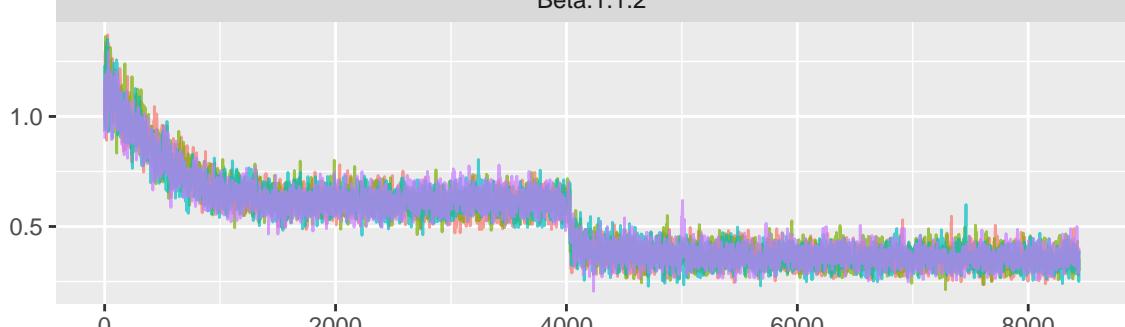
Beta.1.1.18



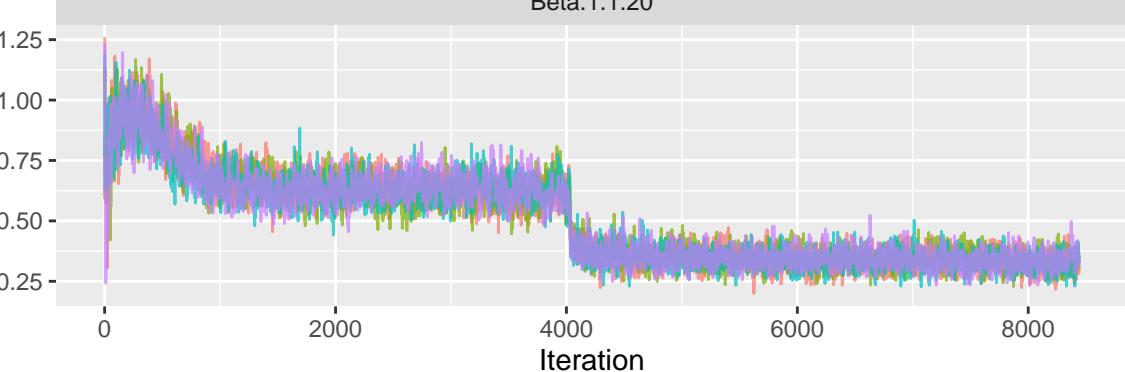
Beta.1.1.19



Beta.1.1.2



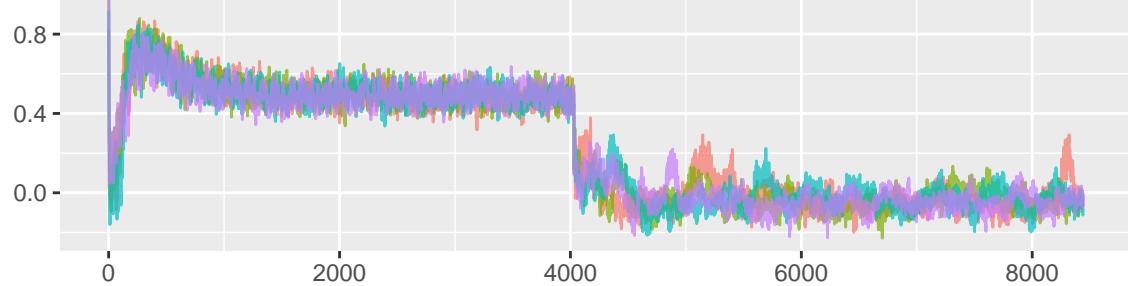
Beta.1.1.20



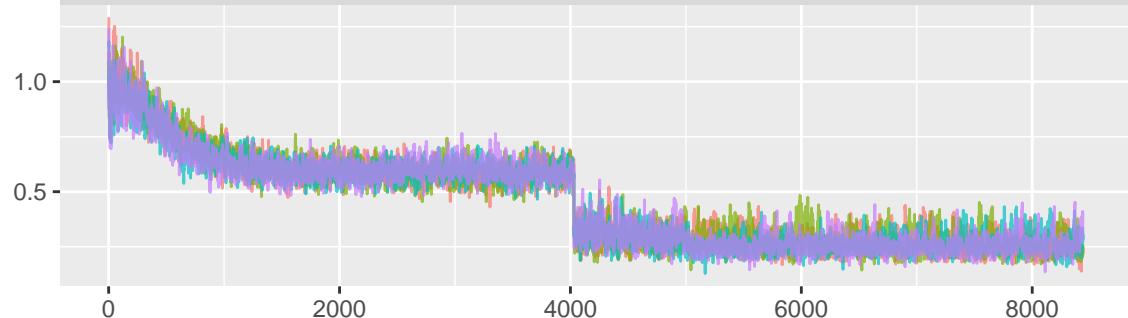
Chain

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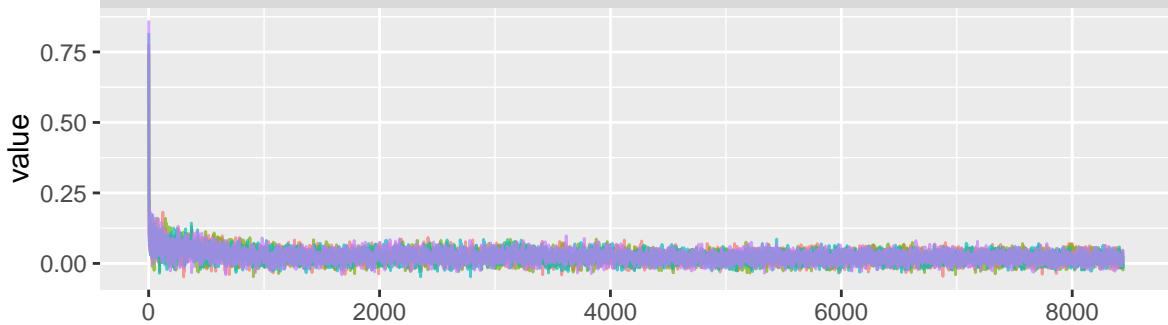
Beta.1.1.3



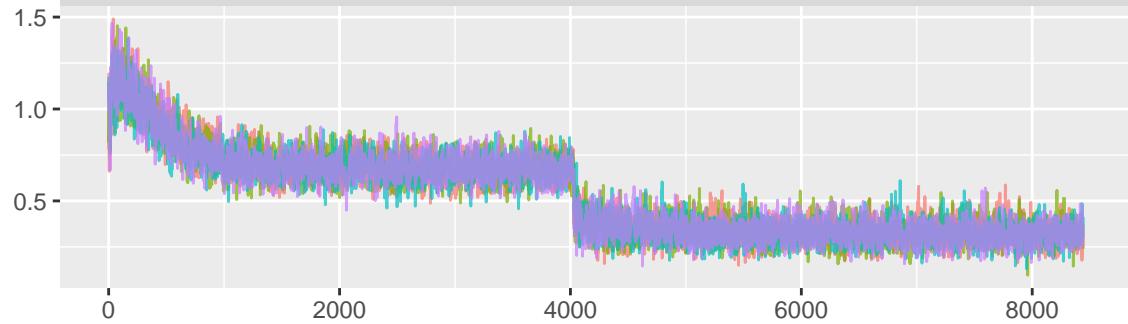
Beta.1.1.4



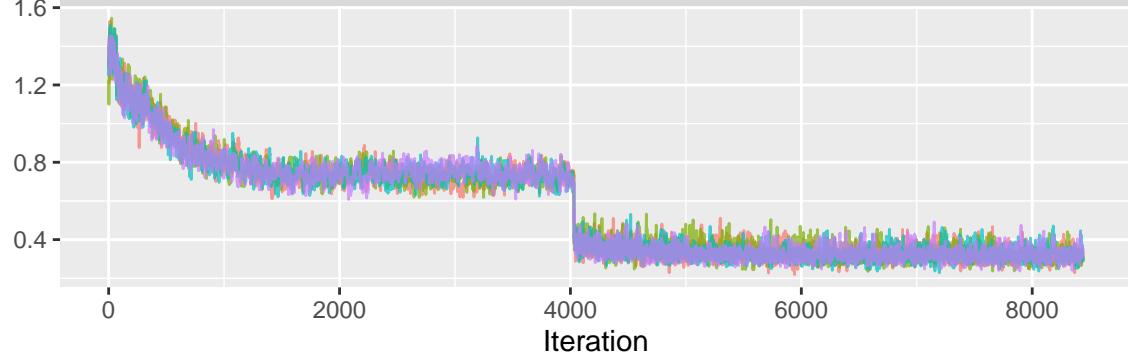
Beta.1.1.5



Beta.1.1.6



Beta.1.1.7

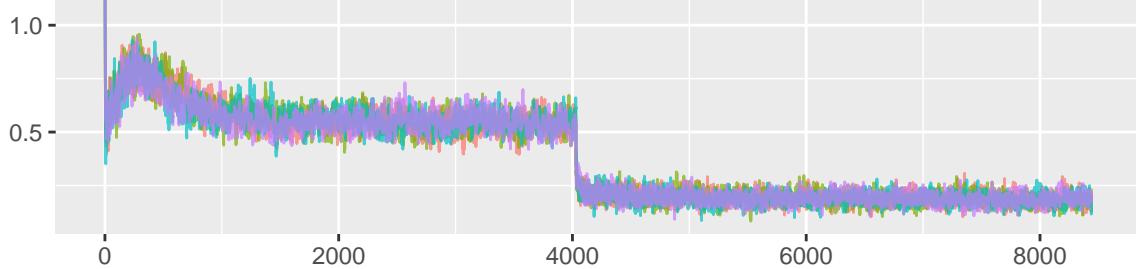


Chain

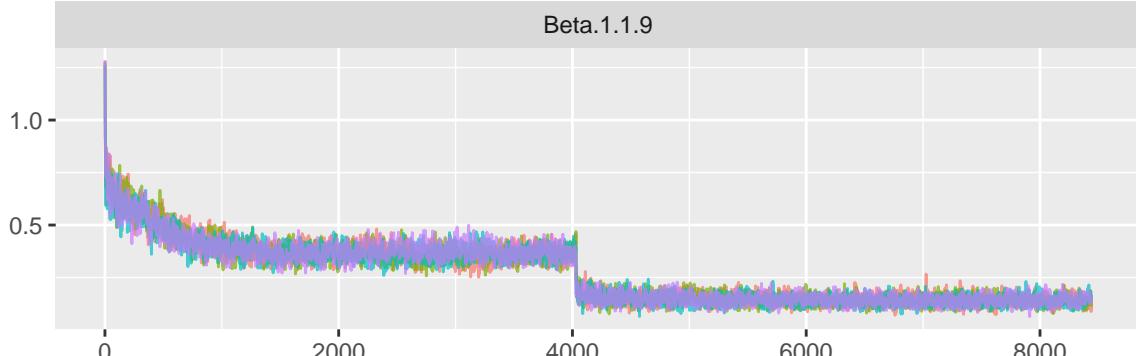
- 1
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- 3
- 4

Iteration

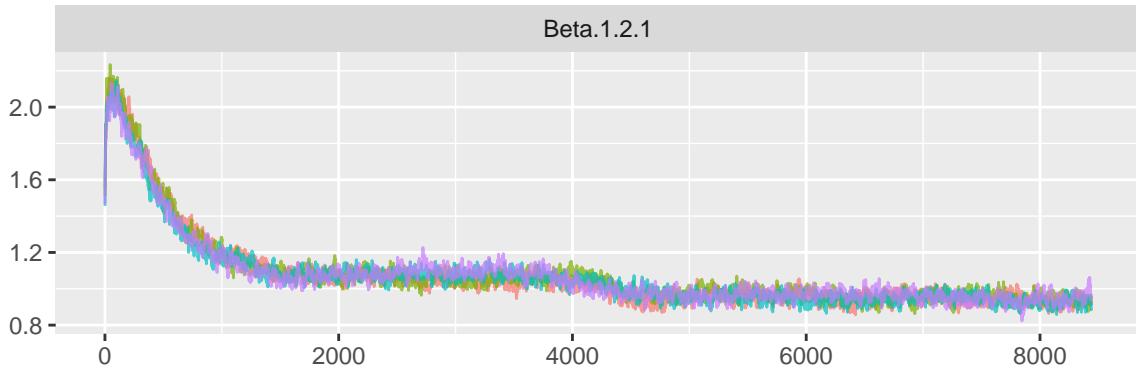
Beta.1.1.8



Beta.1.1.9



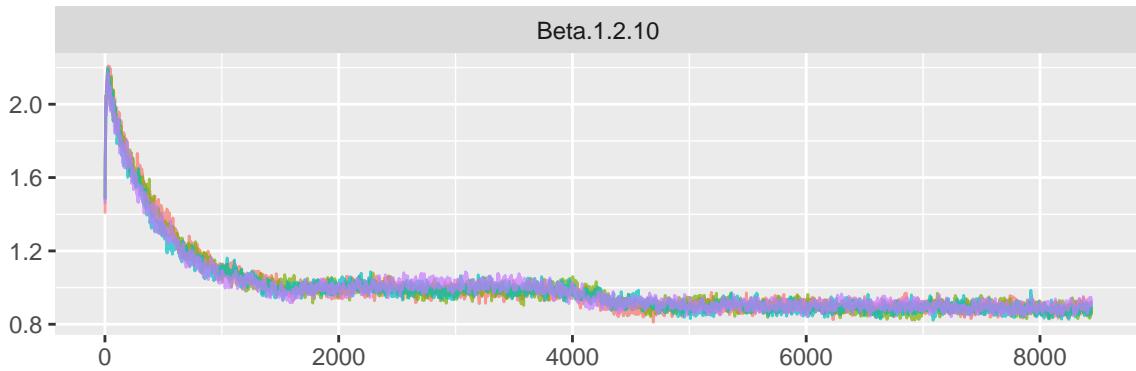
Beta.1.2.1



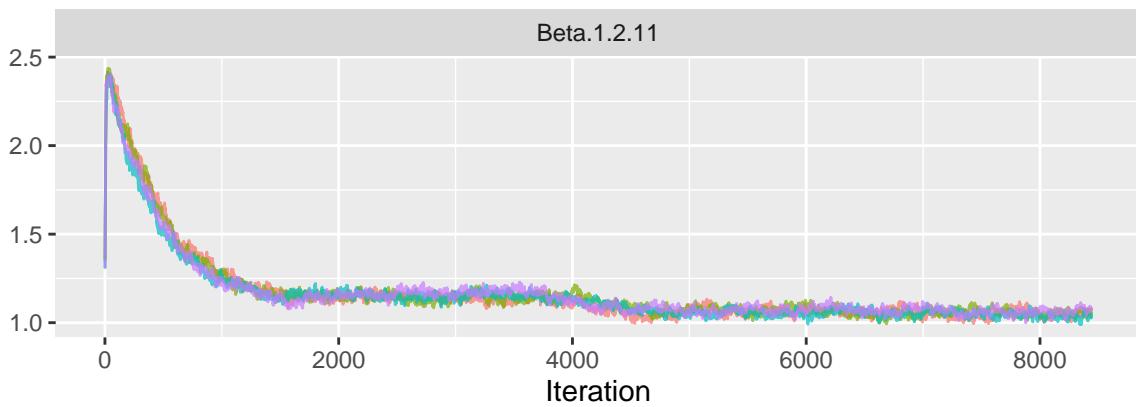
Chain

- 1
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- 3
- 4

Beta.1.2.10

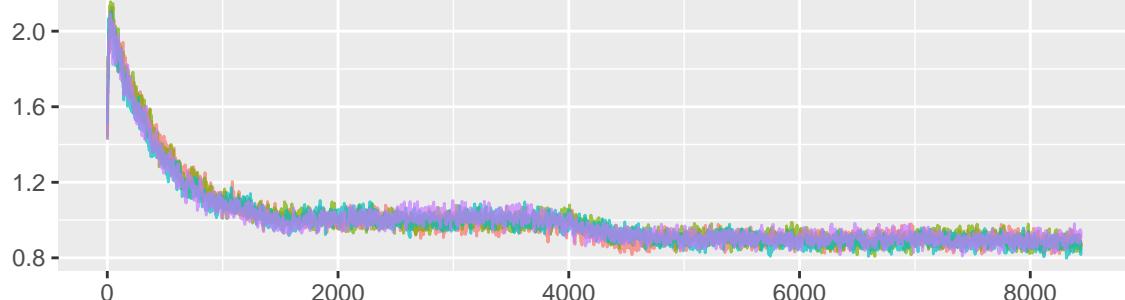


Beta.1.2.11

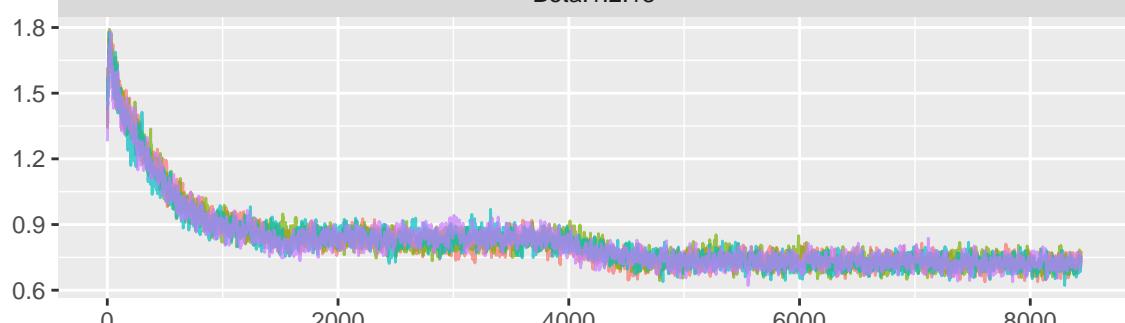


Iteration

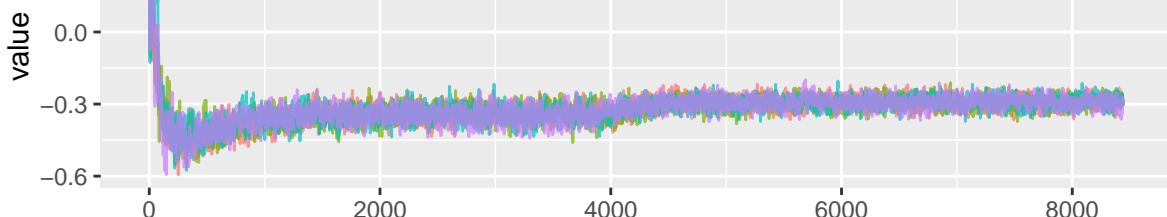
Beta.1.2.12



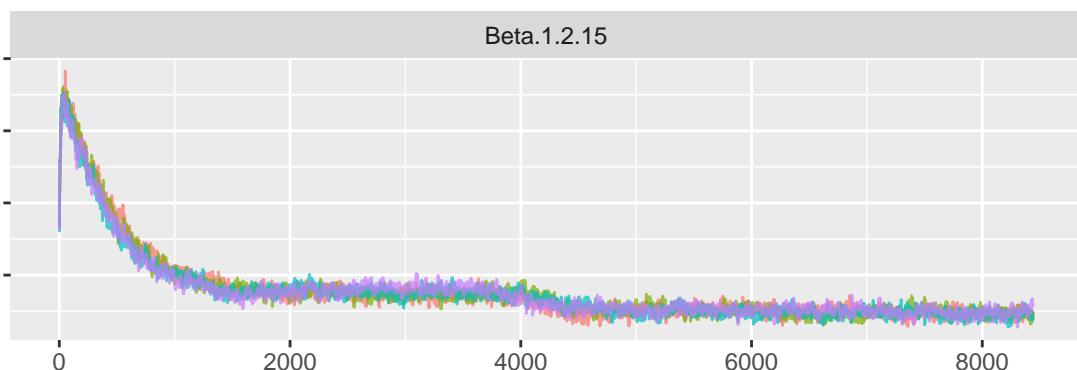
Beta.1.2.13



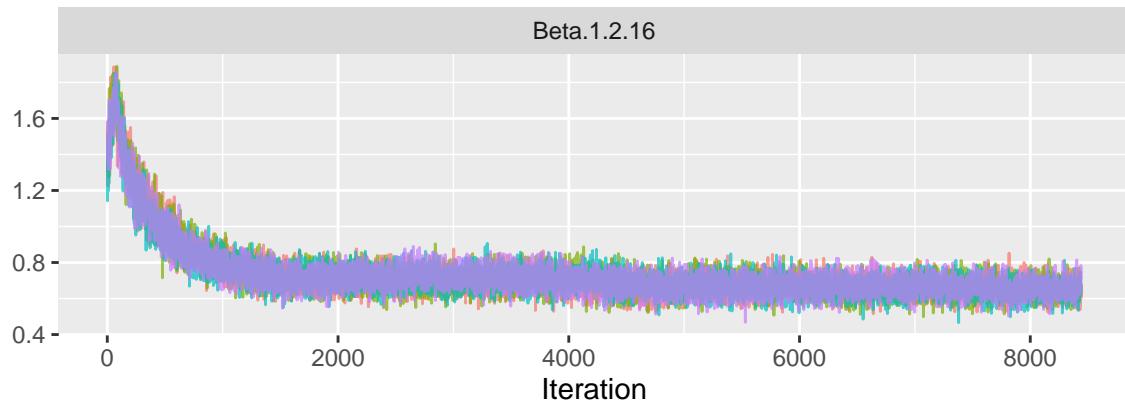
Beta.1.2.14



Beta.1.2.15



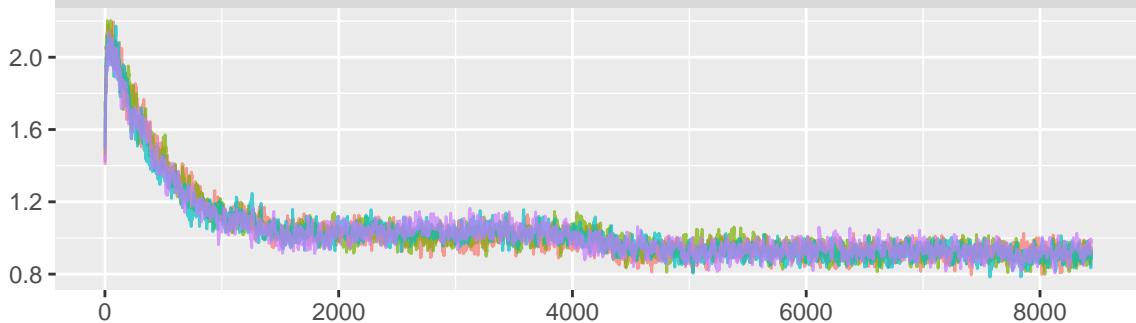
Beta.1.2.16



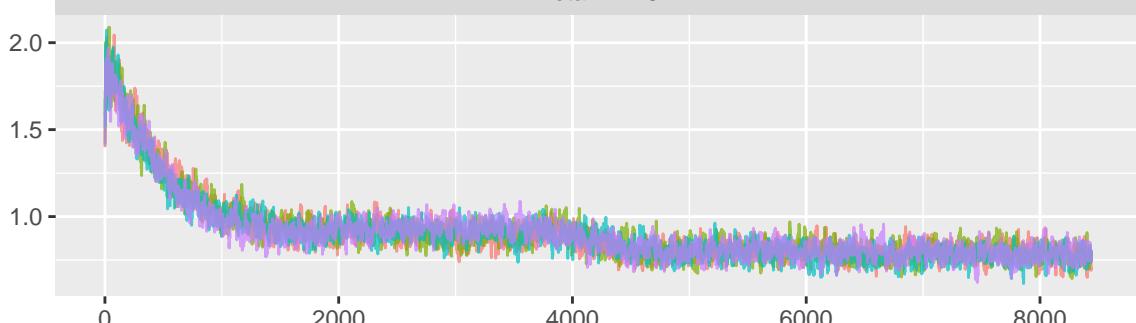
Chain  
1  
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3  
4

Iteration

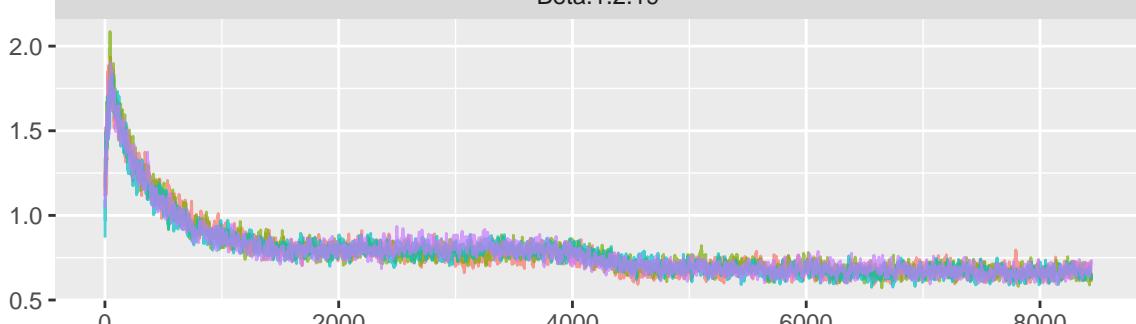
Beta.1.2.17



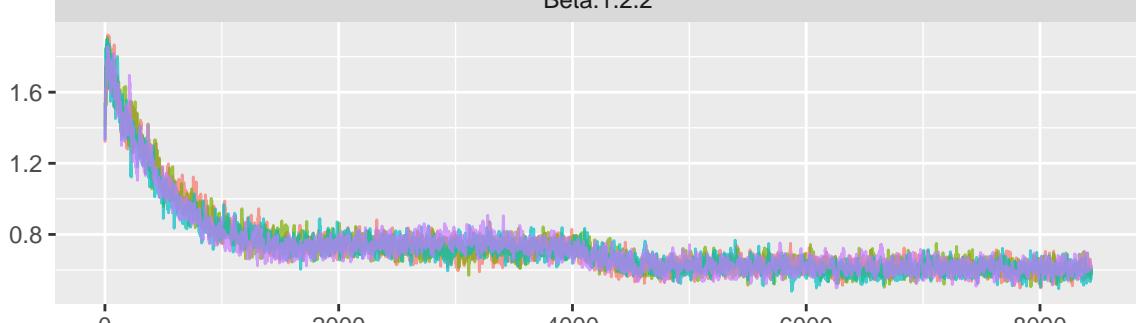
Beta.1.2.18



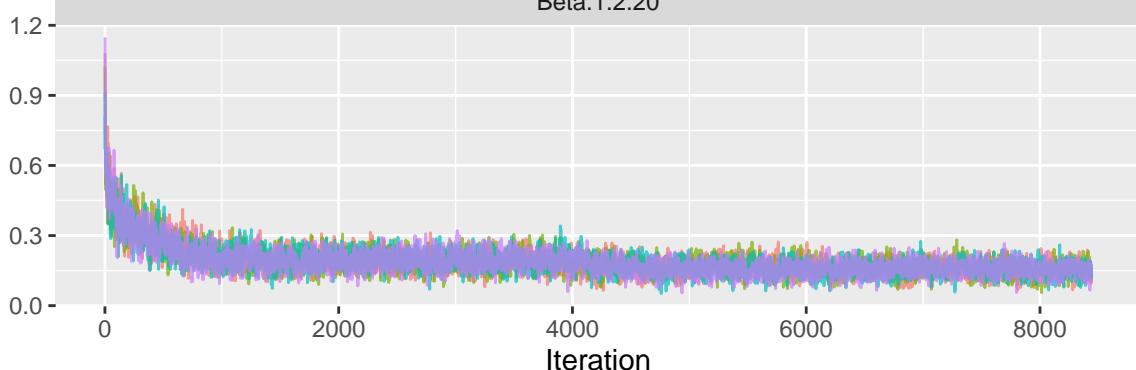
Beta.1.2.19



Beta.1.2.2



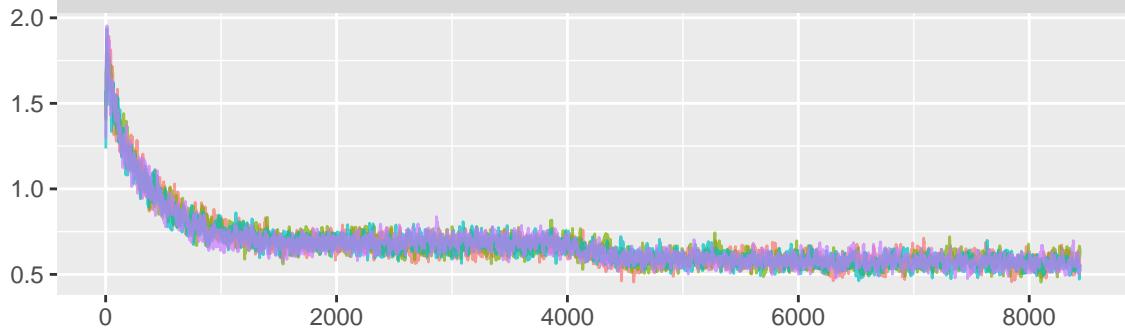
Beta.1.2.20



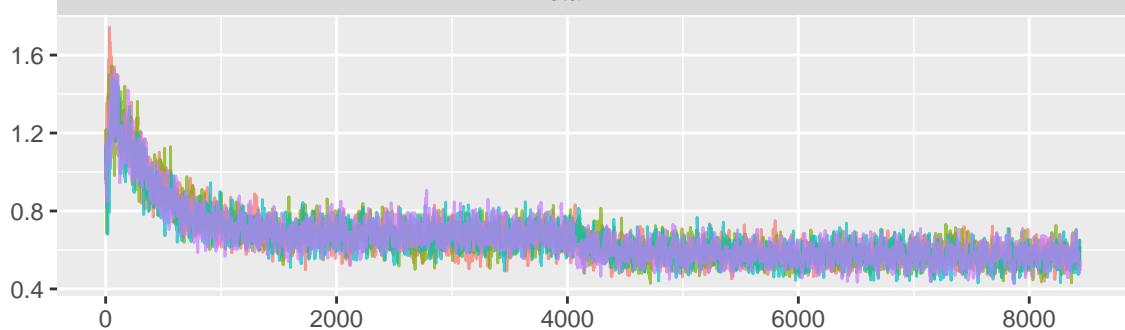
Chain  
1  
2  
3  
4

Iteration

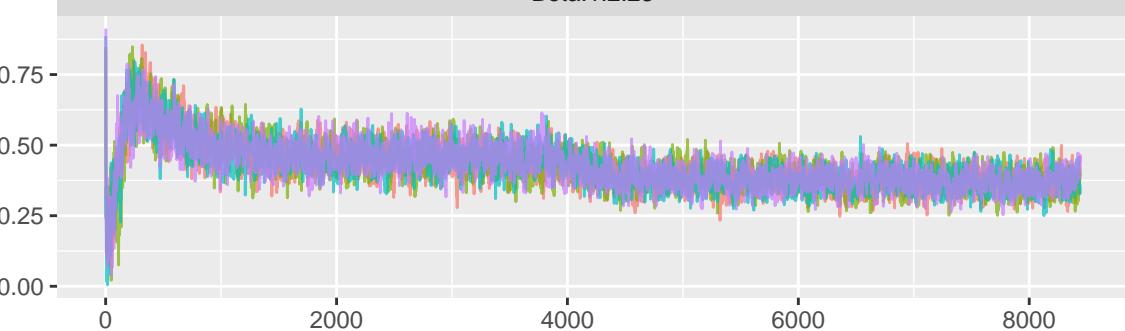
### Beta.1.2.21



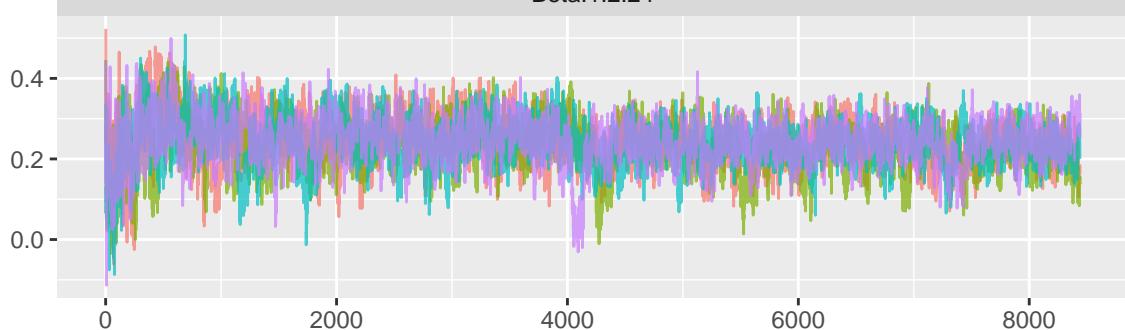
### Beta.1.2.22



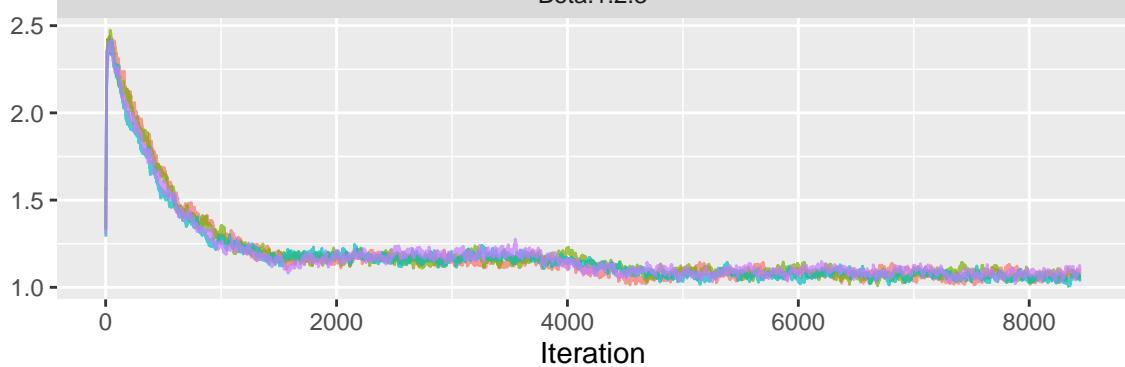
### Beta.1.2.23



### Beta.1.2.24



### Beta.1.2.3

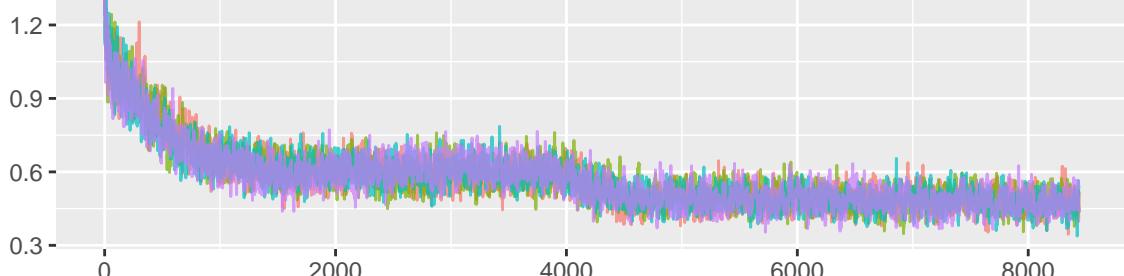


Chain

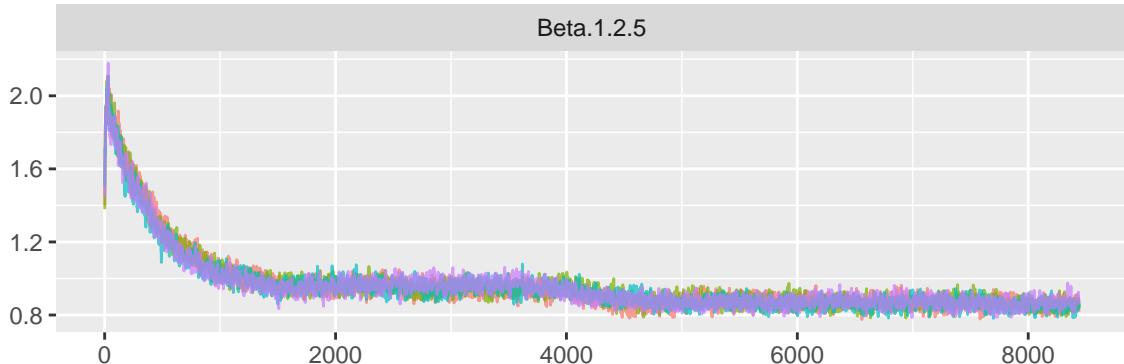
- 1
- 2
- 3
- 4

Iteration

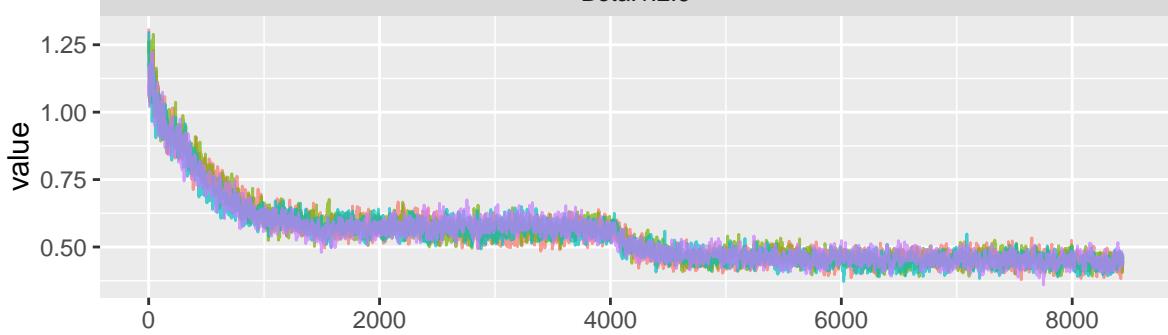
Beta.1.2.4



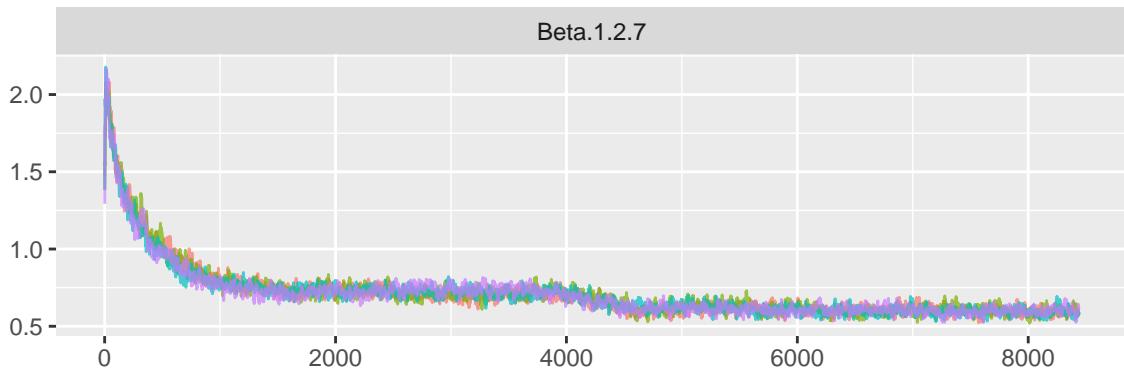
Beta.1.2.5



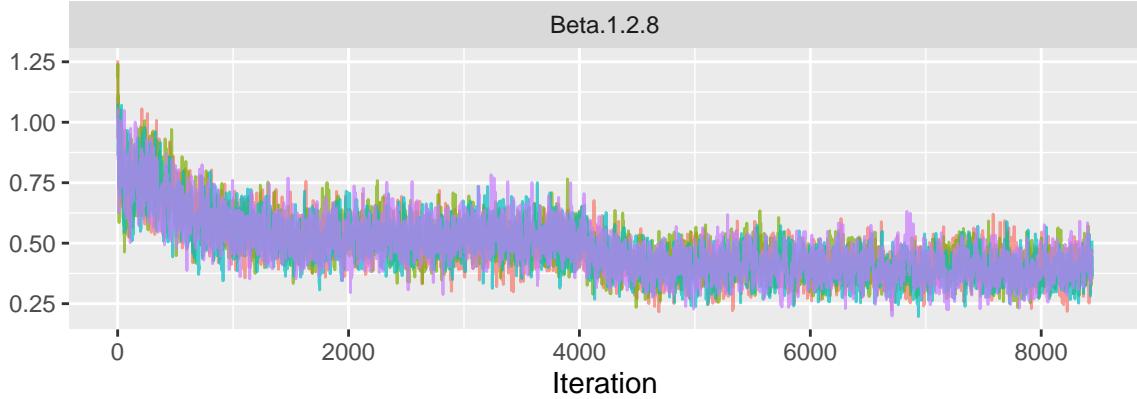
Beta.1.2.6



Beta.1.2.7



Beta.1.2.8

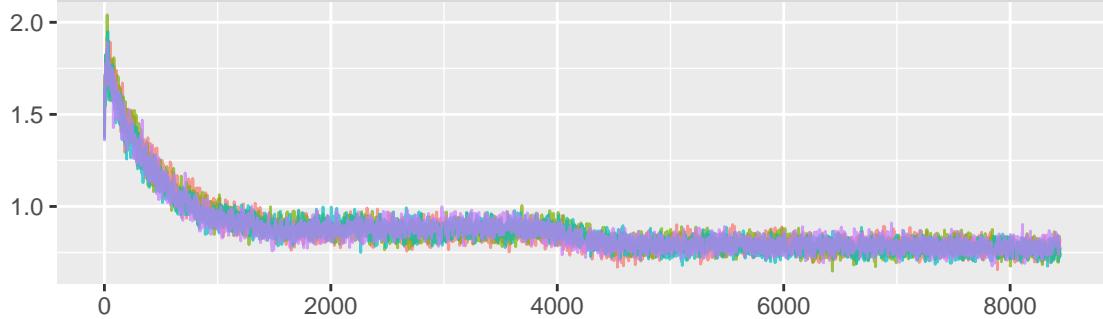


Chain

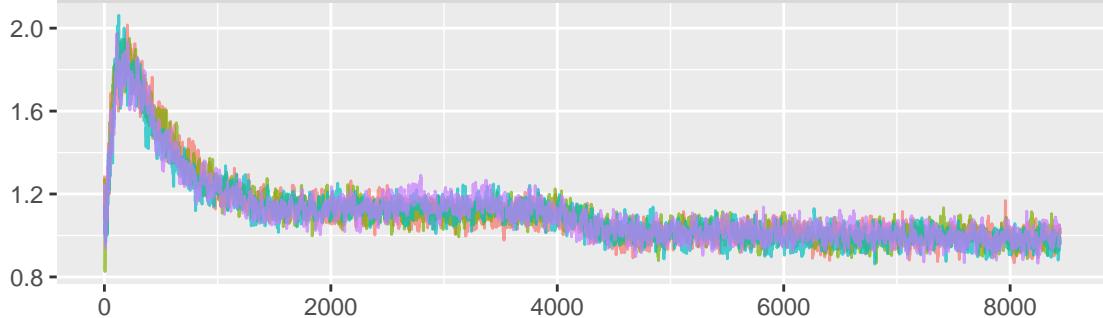
- 1
- 2
- 3
- 4

Iteration

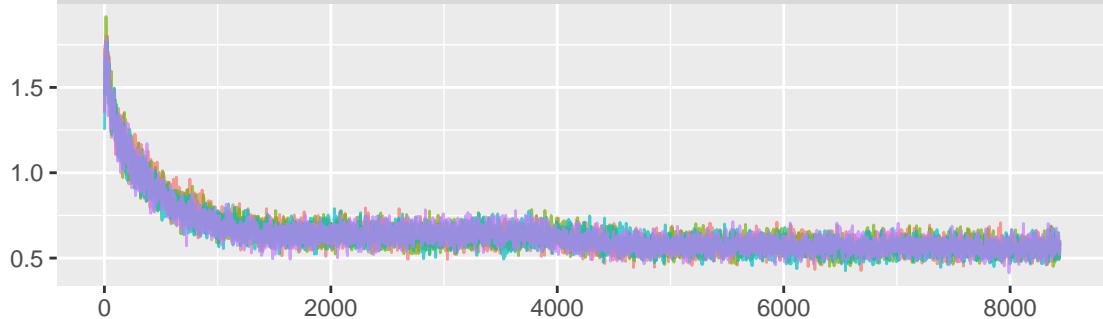
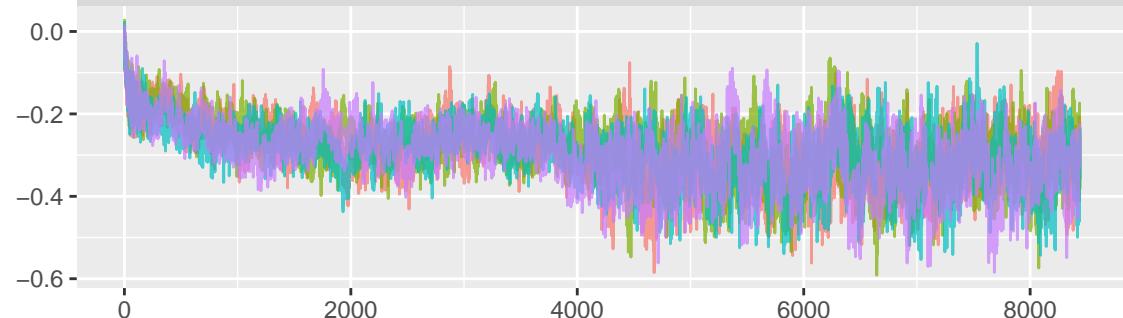
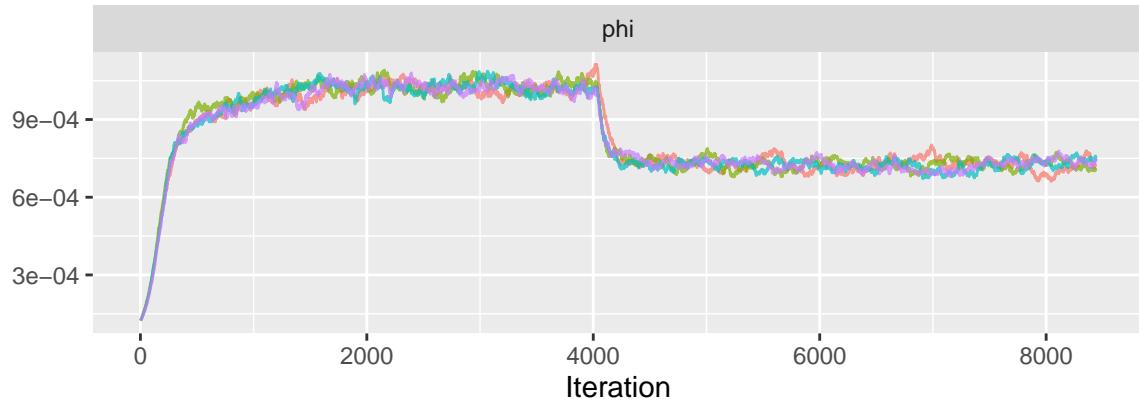
Beta.1.2.9



Beta.1.3.1

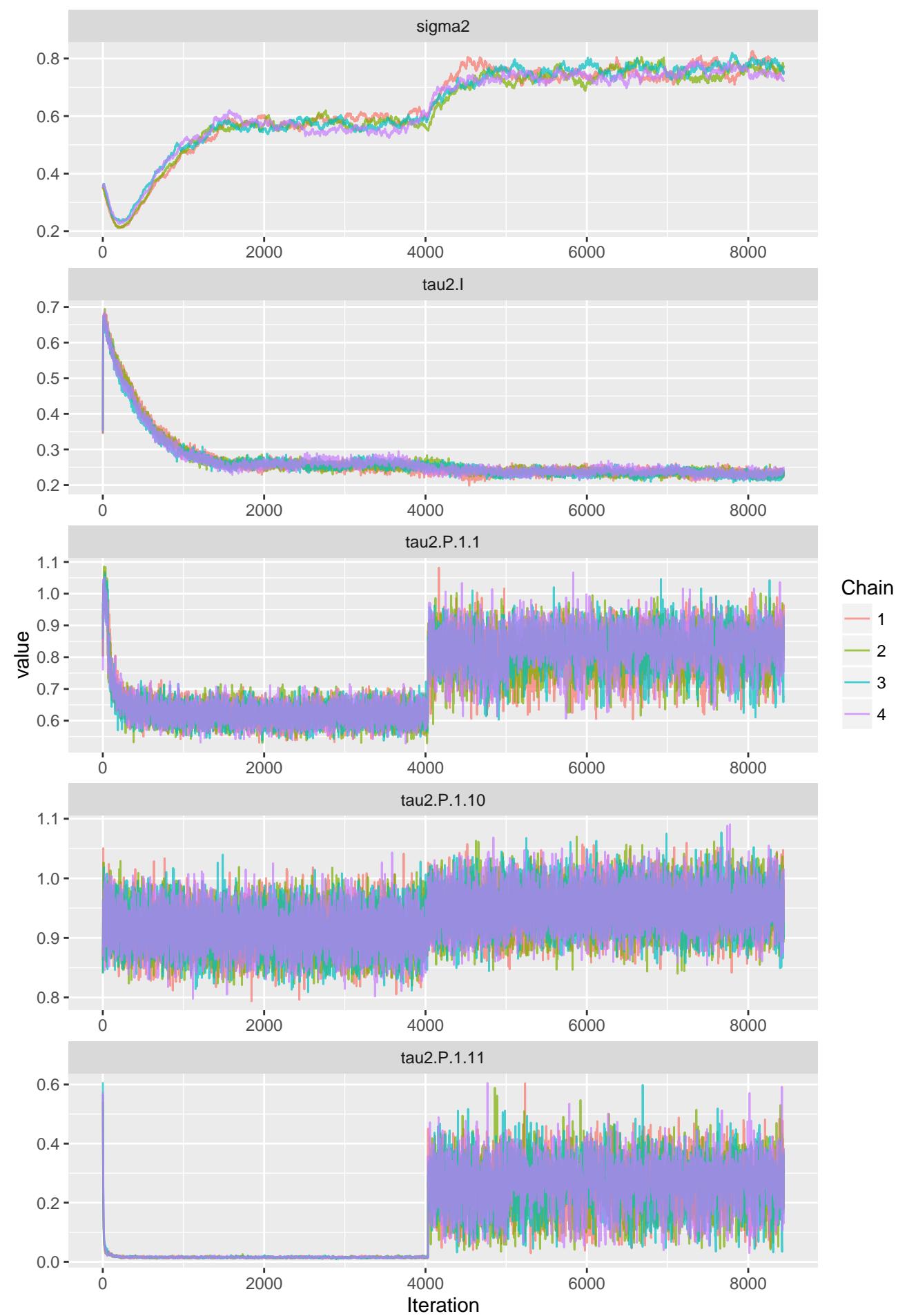


Beta.1.3.2

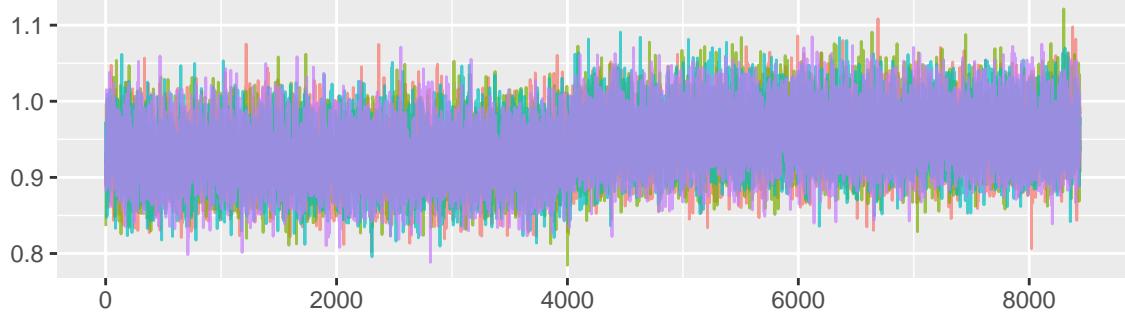
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Chain  
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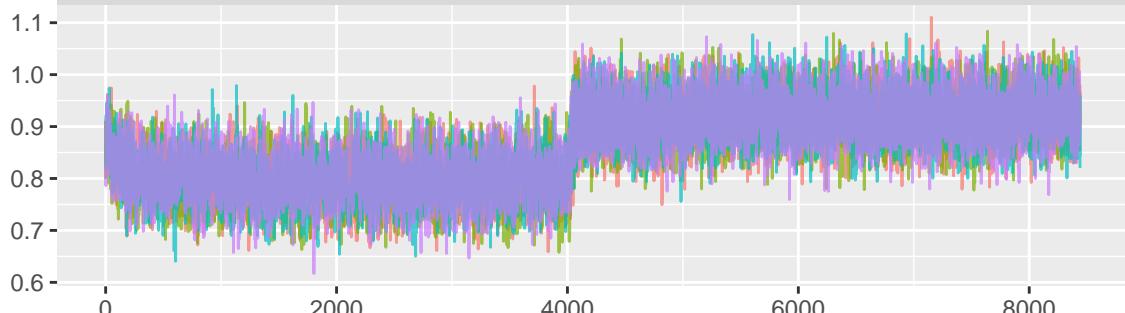
Iteration



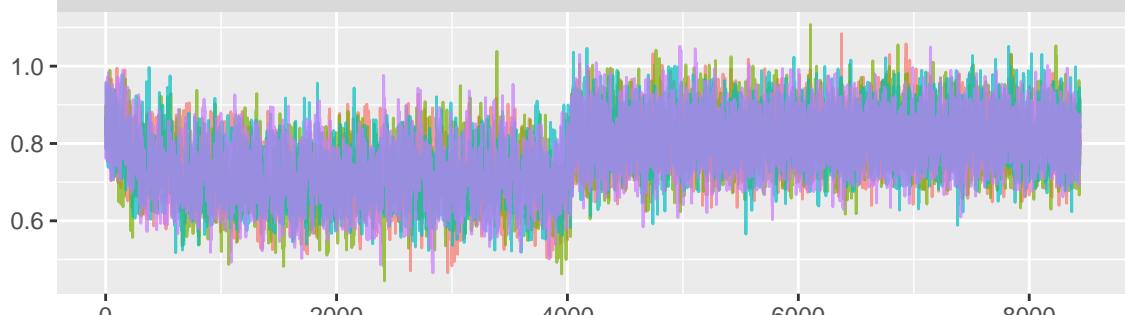
tau2.P.1.12



tau2.P.1.13



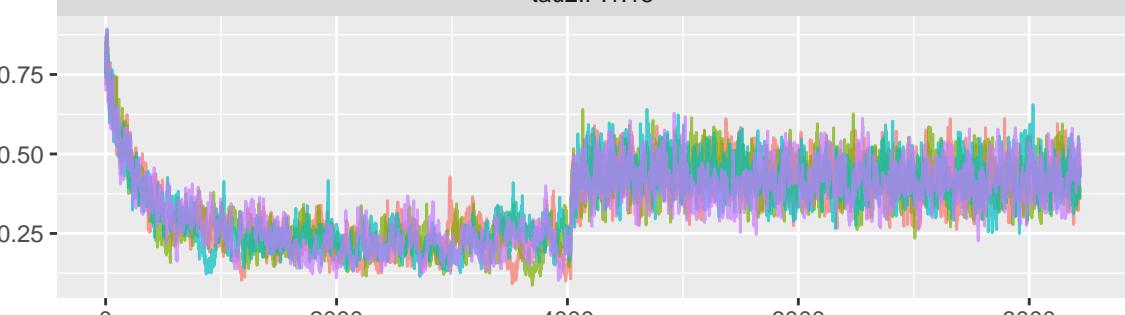
tau2.P.1.14



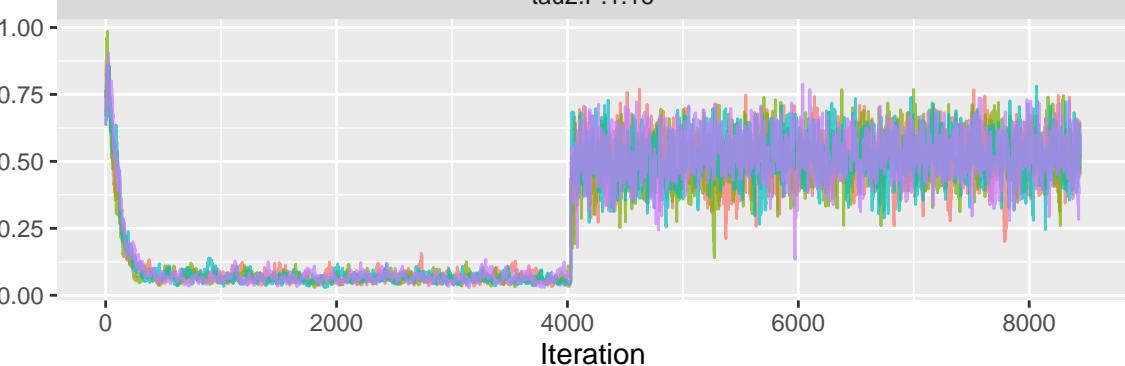
Chain

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tau2.P.1.15

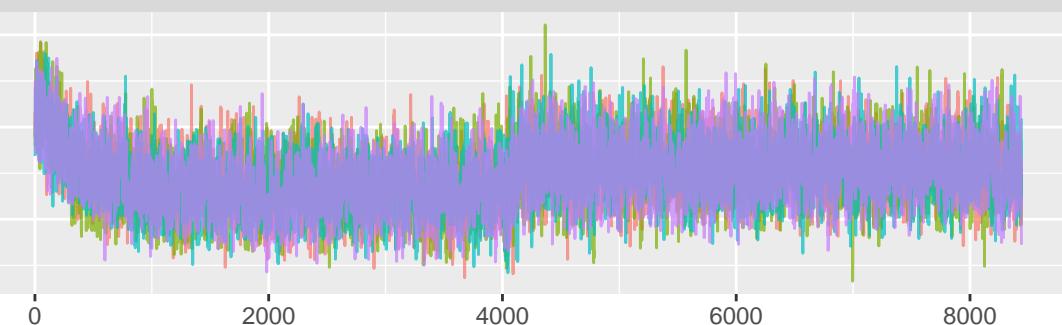


tau2.P.1.16

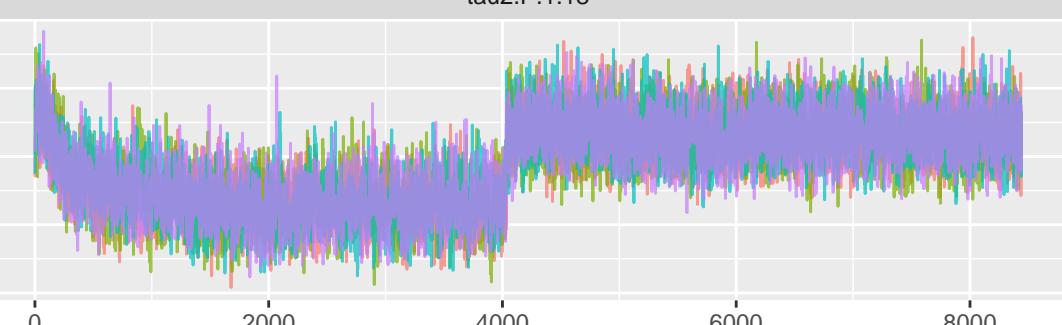


Iteration

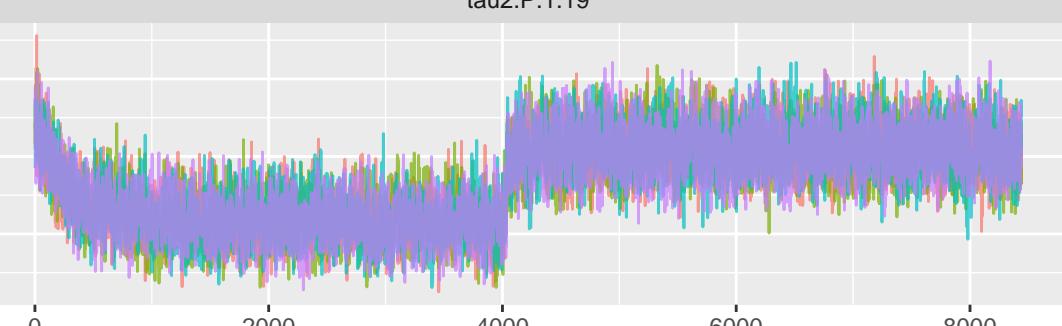
tau2.P.1.17



tau2.P.1.18



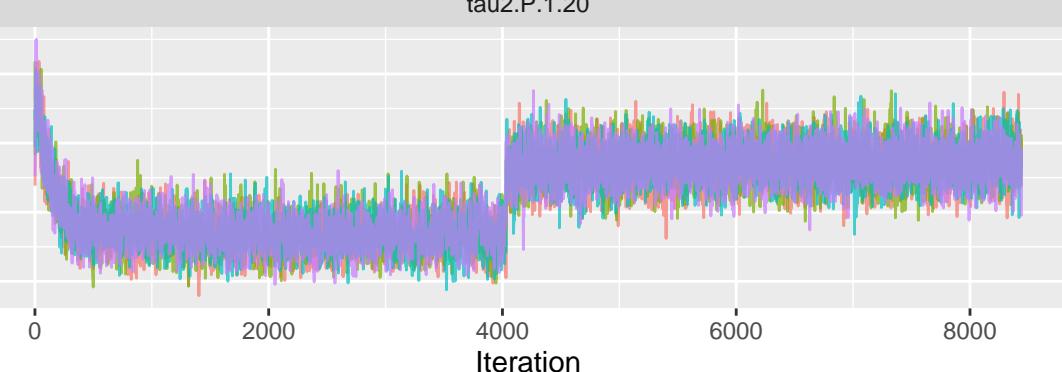
tau2.P.1.19



tau2.P.1.2



tau2.P.1.20

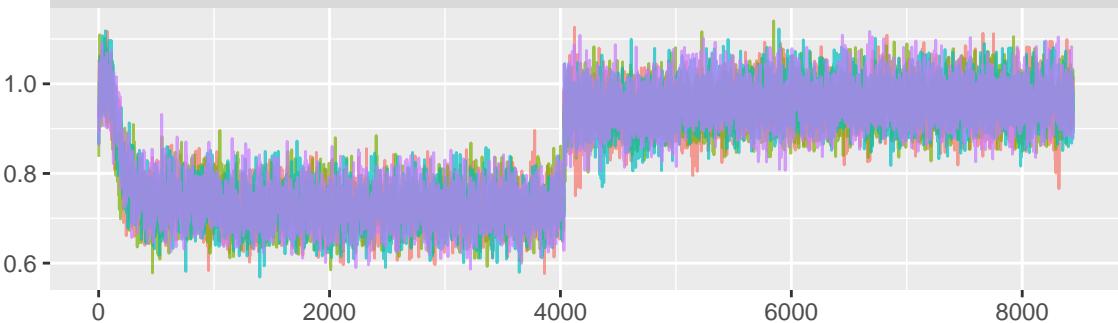


Chain

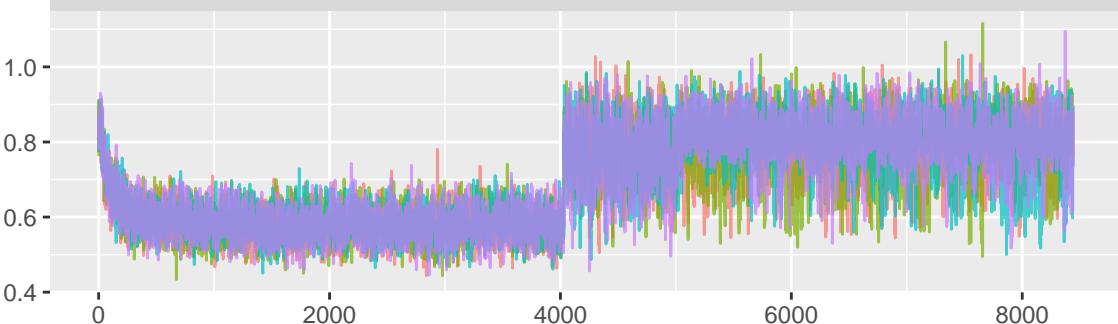
- 1
- 2
- 3
- 4

Iteration

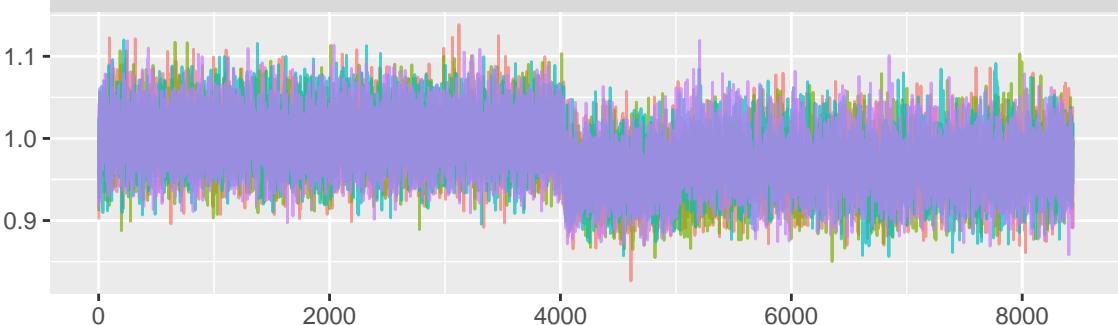
## tau2.P.1.3



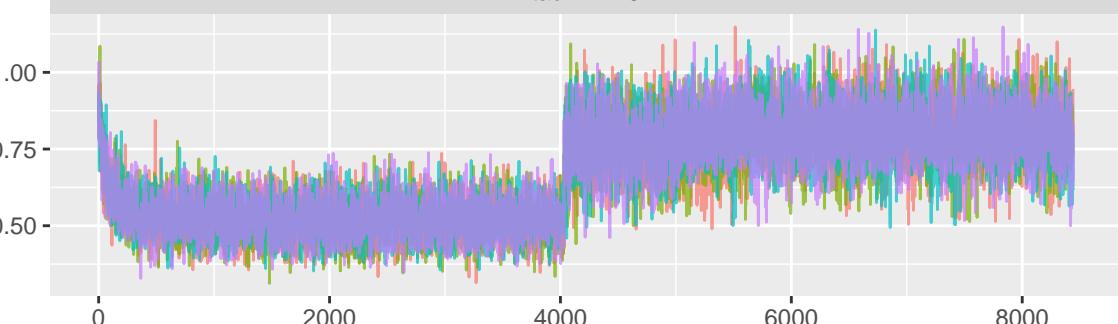
## tau2.P.1.4



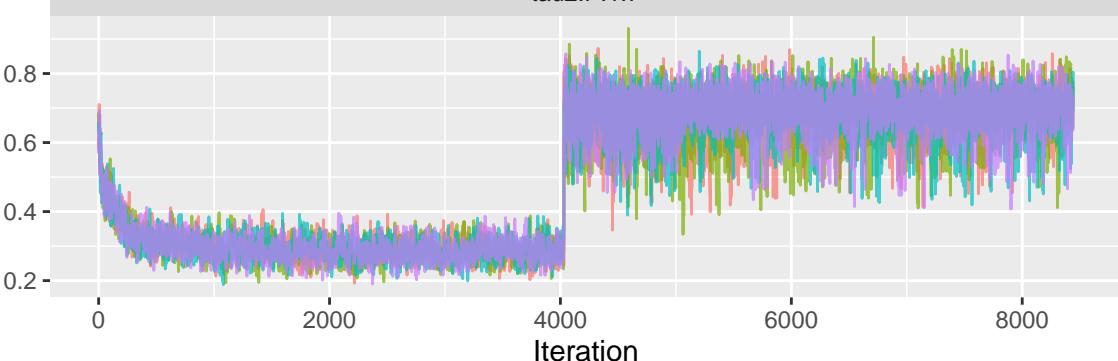
## tau2.P.1.5



## tau2.P.1.6



## tau2.P.1.7

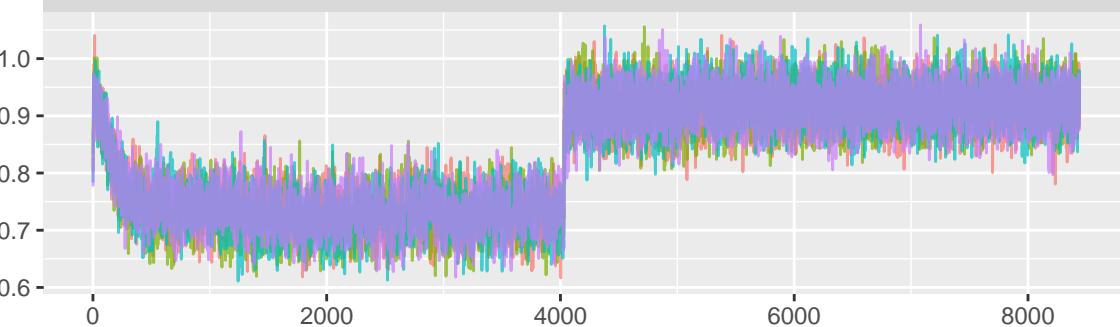


Chain

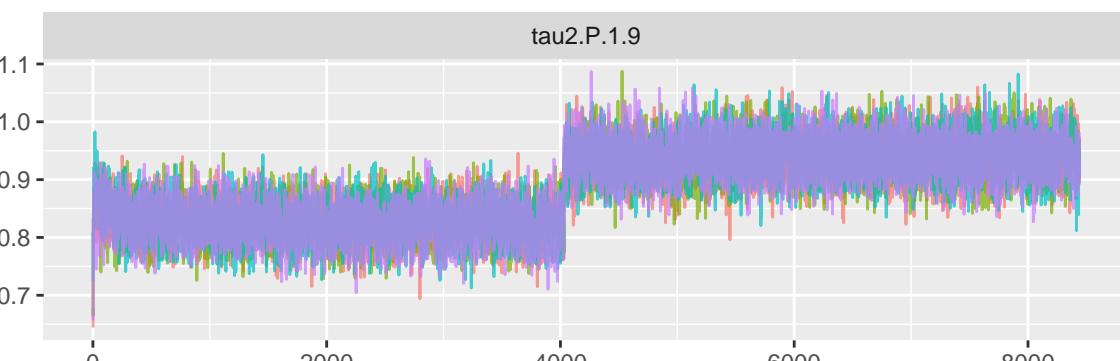
- 1
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Iteration

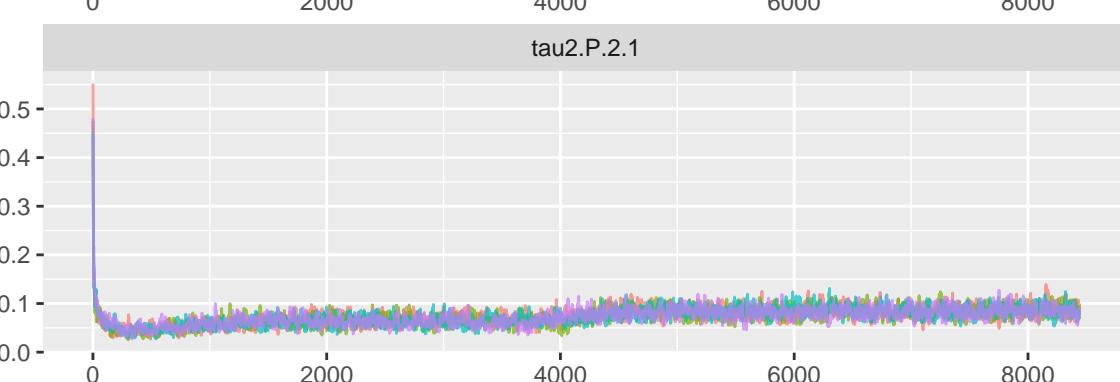
tau2.P.1.8



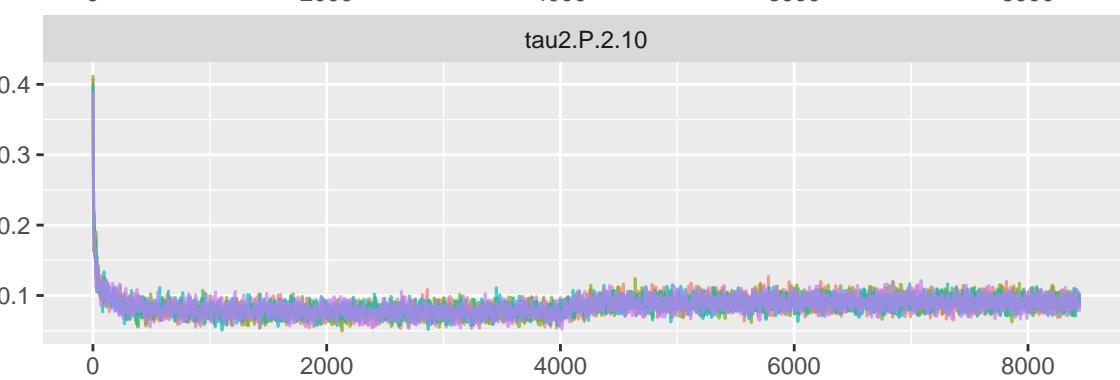
tau2.P.1.9



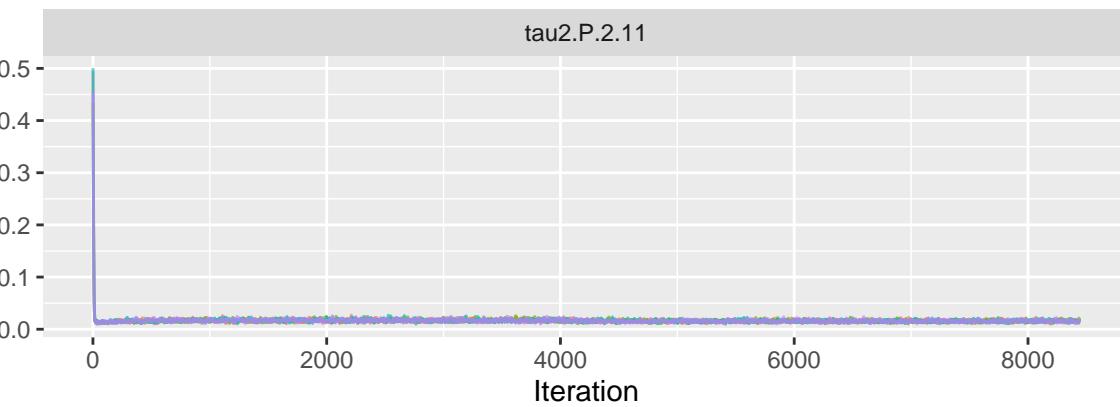
tau2.P.2.1



tau2.P.2.10



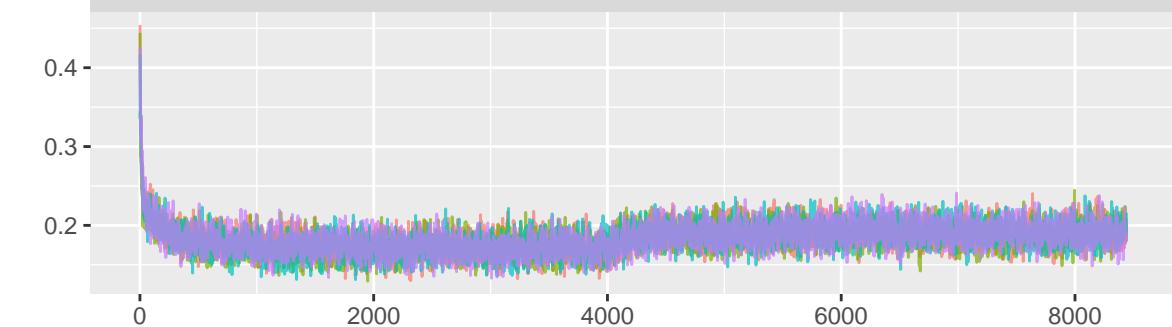
tau2.P.2.11



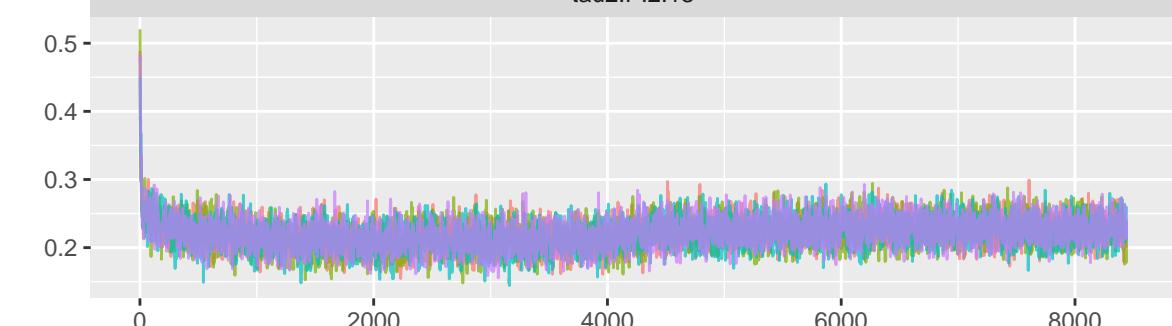
Chain

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- 3
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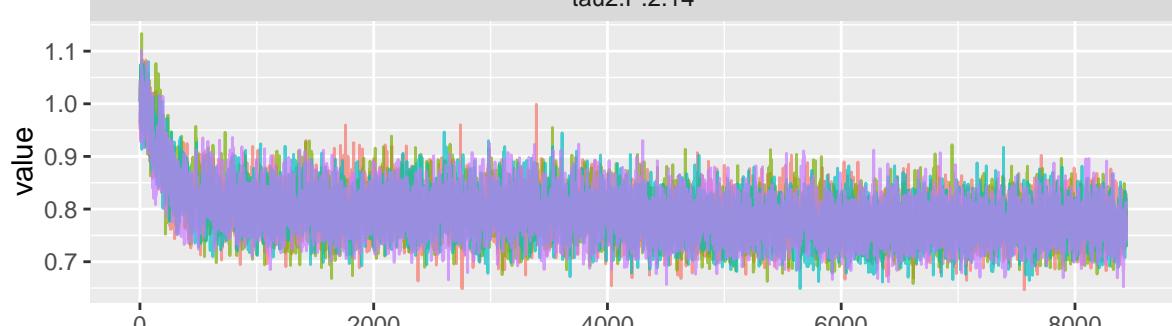
tau2.P.2.12



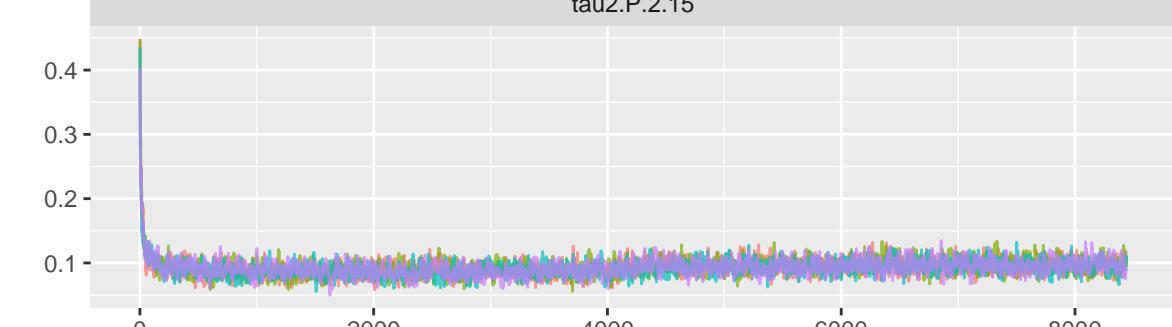
tau2.P.2.13



tau2.P.2.14



tau2.P.2.15



tau2.P.2.16

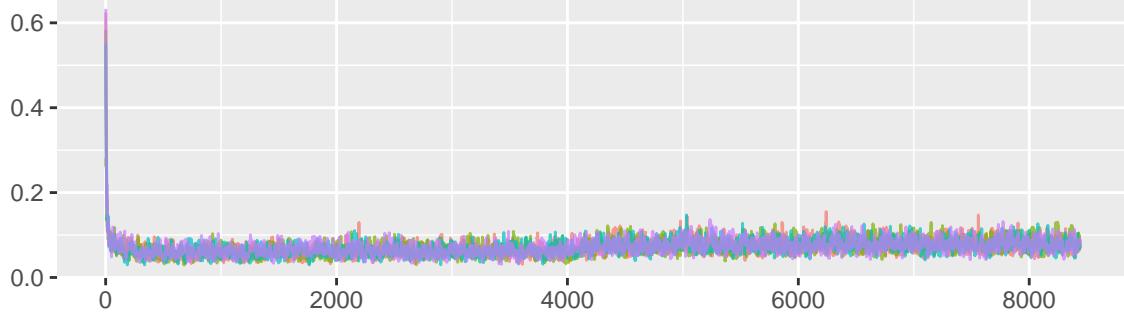


Chain

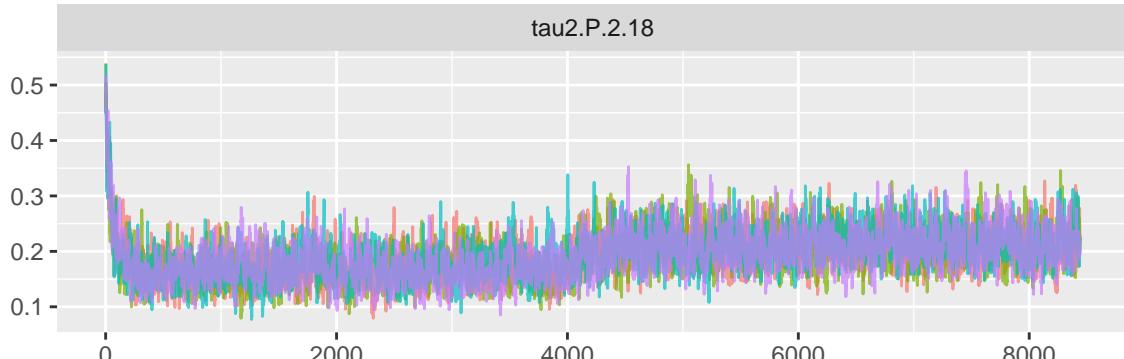
- 1
- 2
- 3
- 4

Iteration

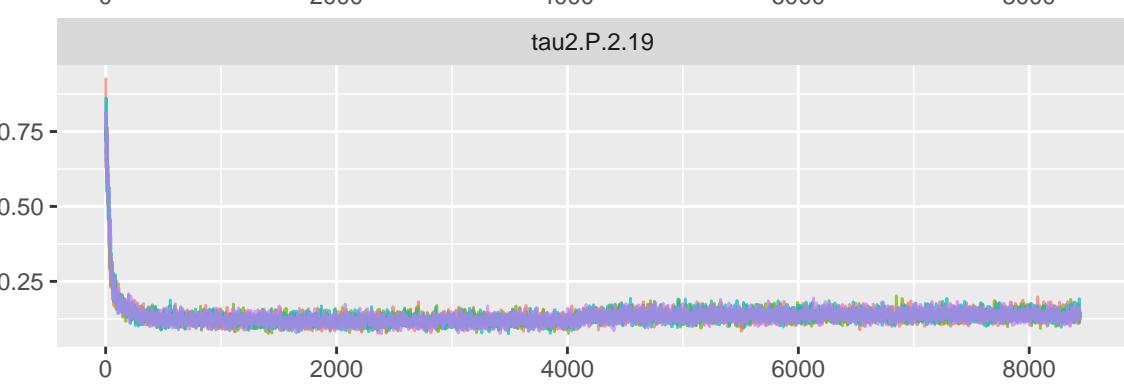
tau2.P.2.17



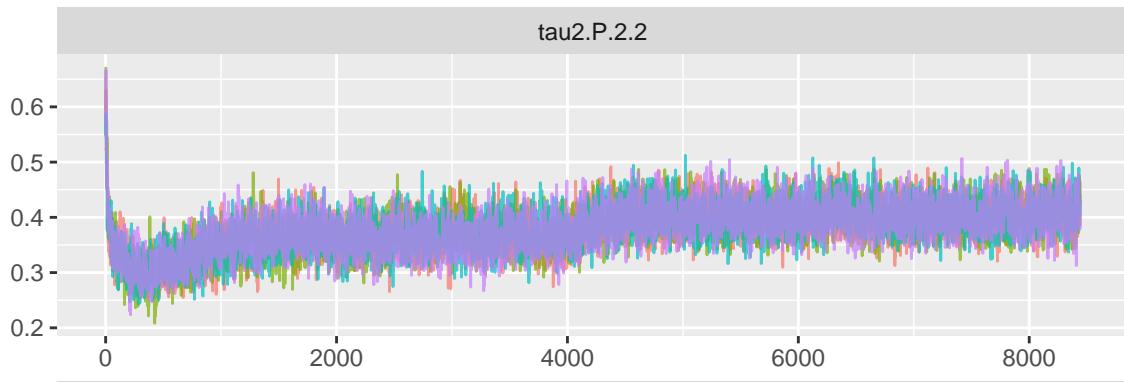
tau2.P.2.18



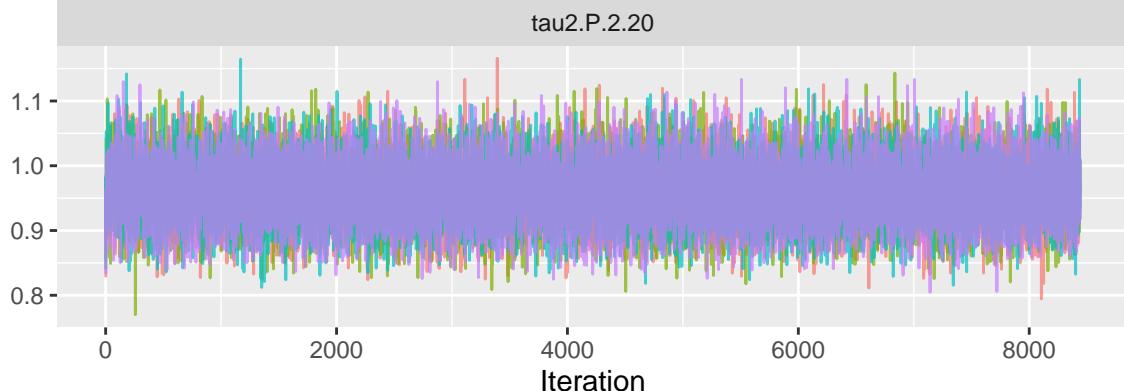
tau2.P.2.19



tau2.P.2.2



tau2.P.2.20



Chain

1

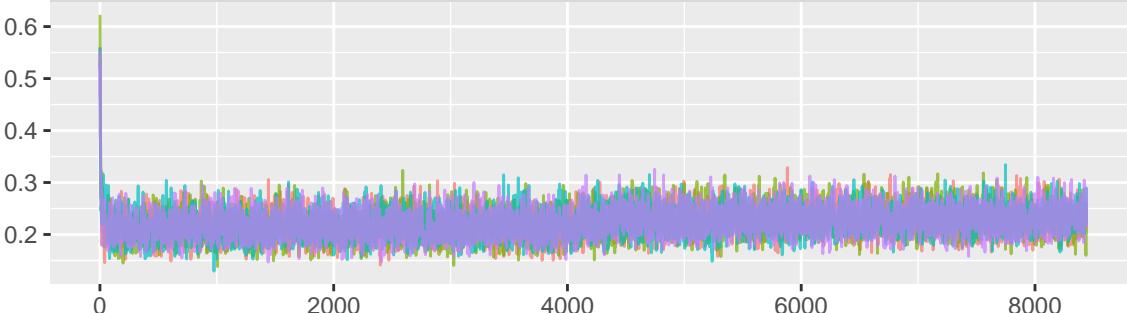
2

3

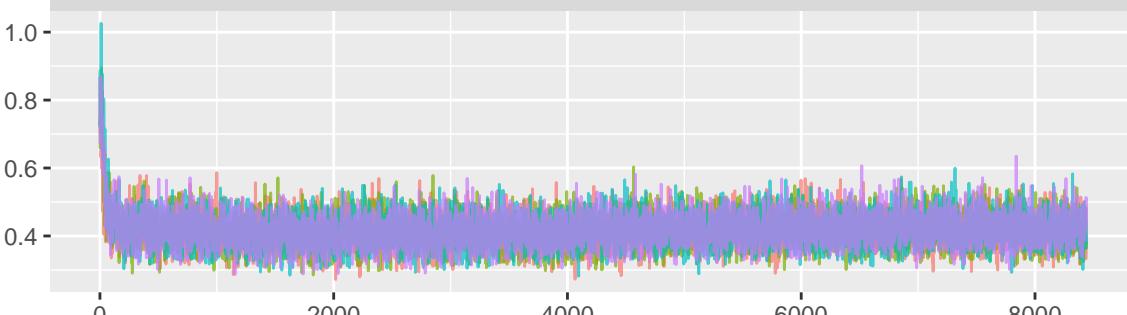
4

Iteration

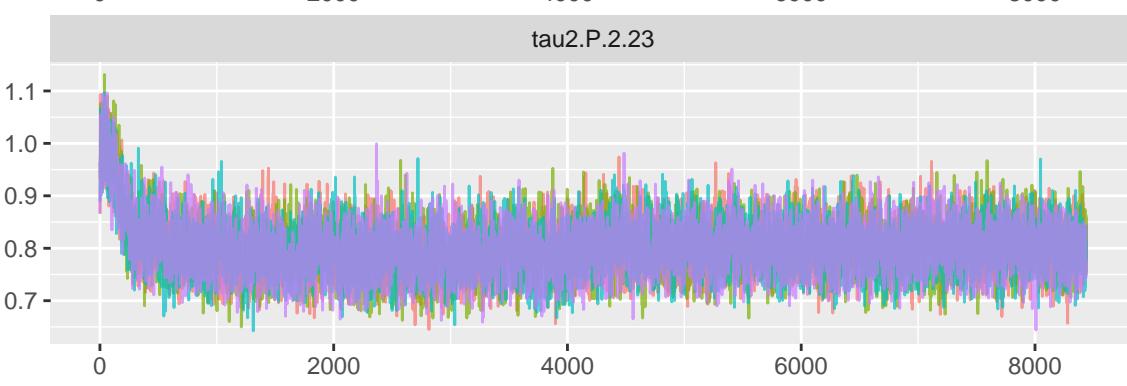
tau2.P.2.21



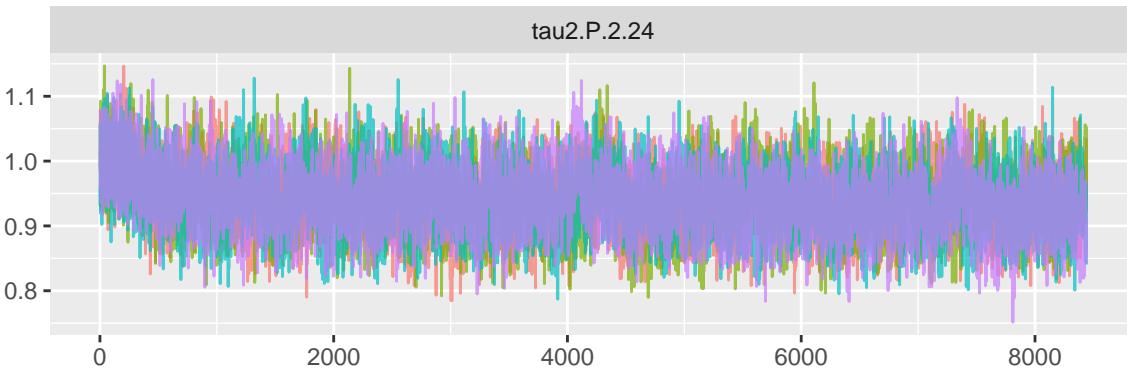
tau2.P.2.22



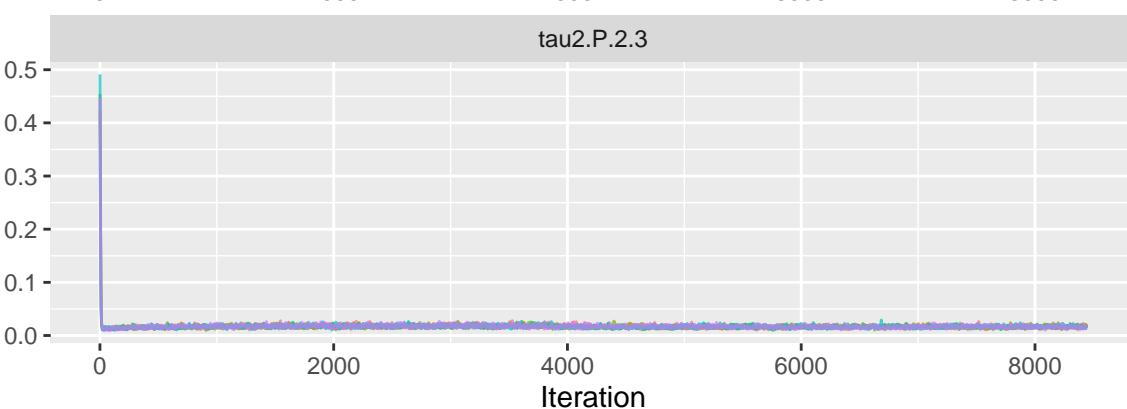
tau2.P.2.23



tau2.P.2.24



tau2.P.2.3

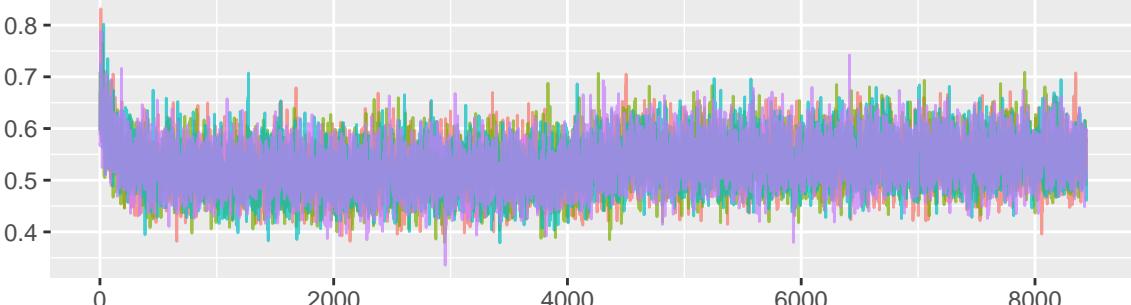


Chain

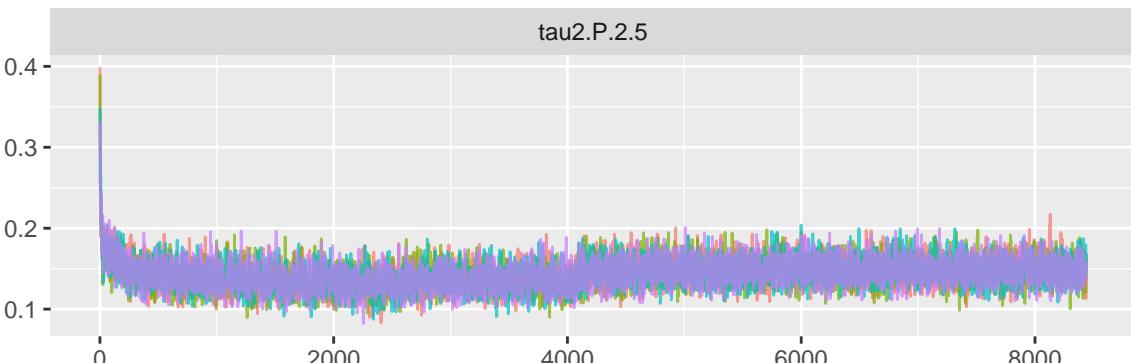
- 1
- 2
- 3
- 4

Iteration

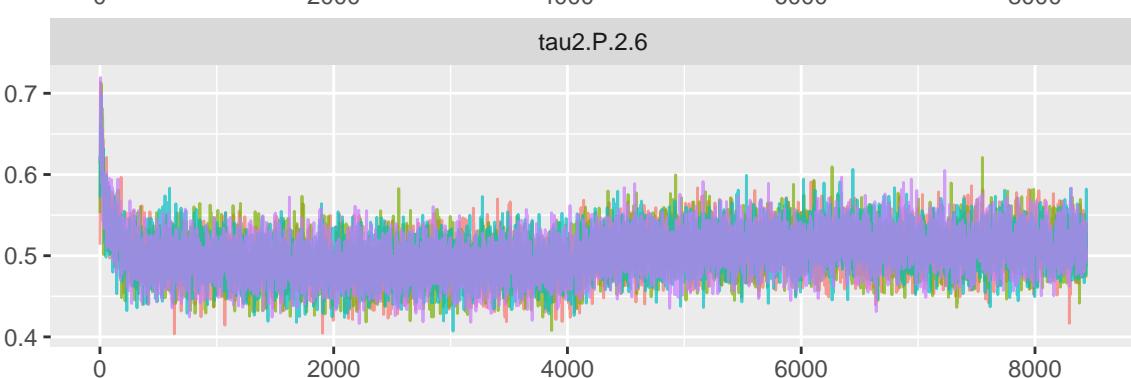
tau2.P.2.4



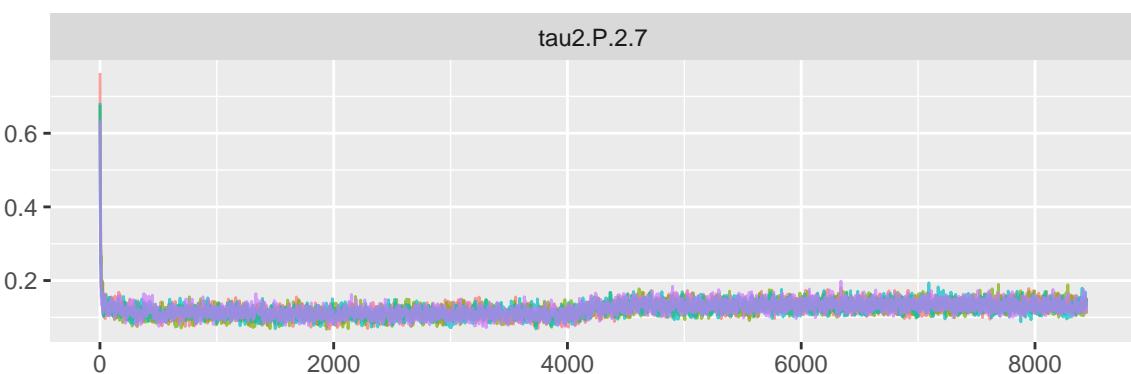
tau2.P.2.5



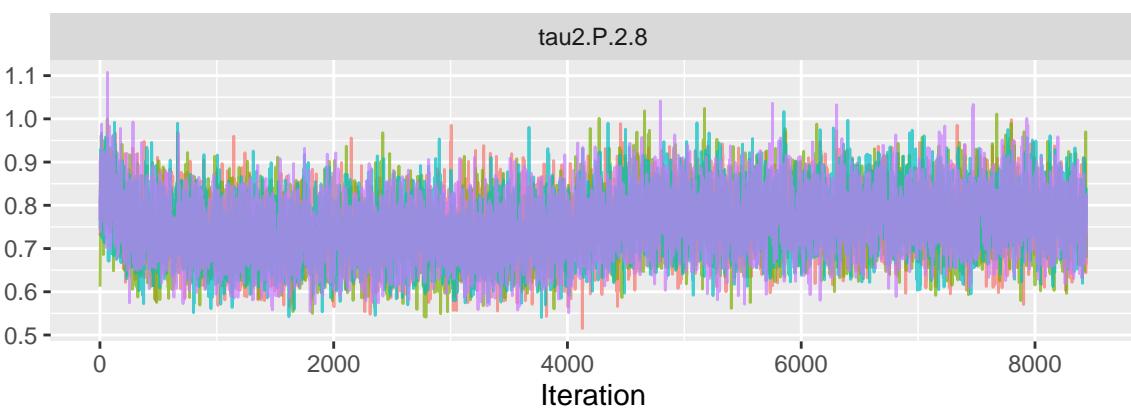
tau2.P.2.6



tau2.P.2.7



tau2.P.2.8

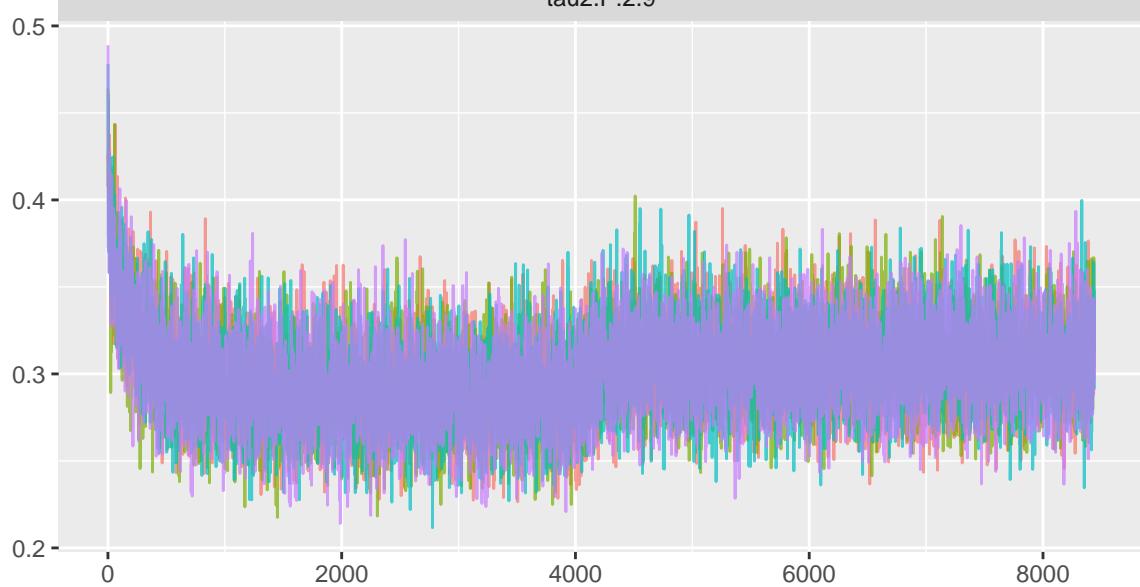


Chain

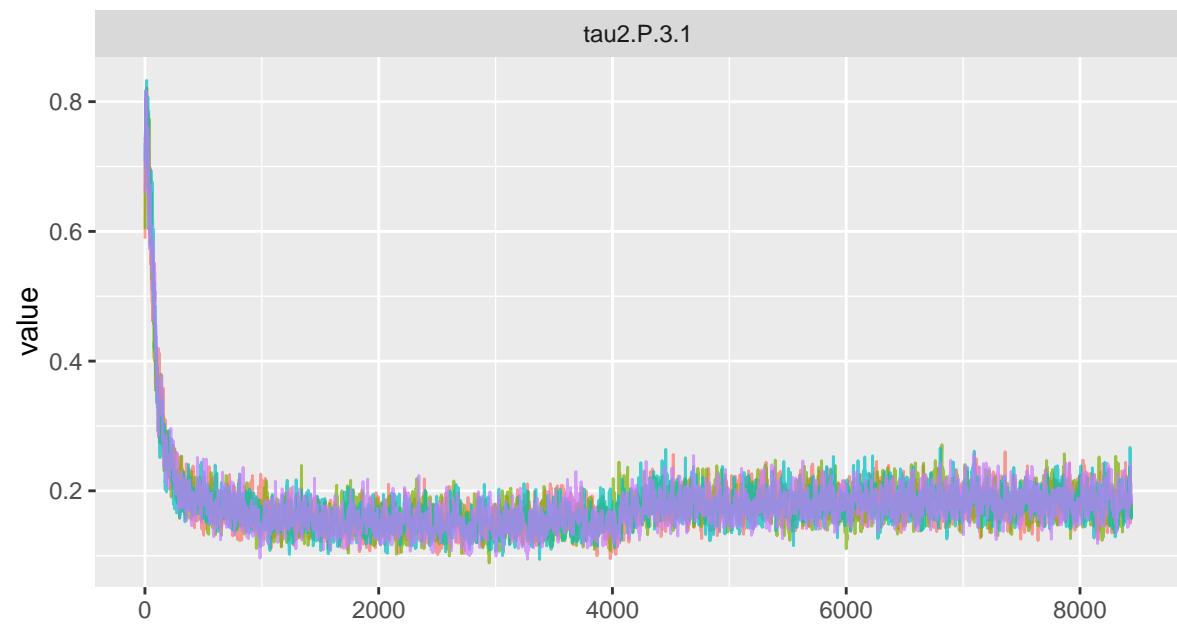
- 1
- 2
- 3
- 4

Iteration

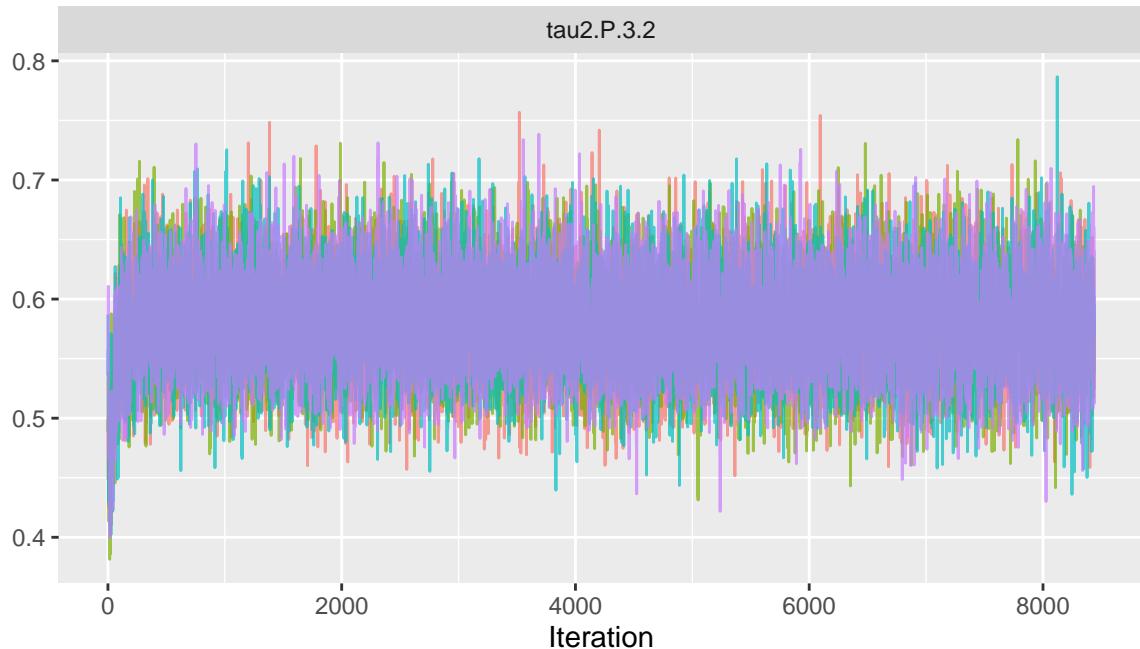
tau2.P.2.9



tau2.P.3.1



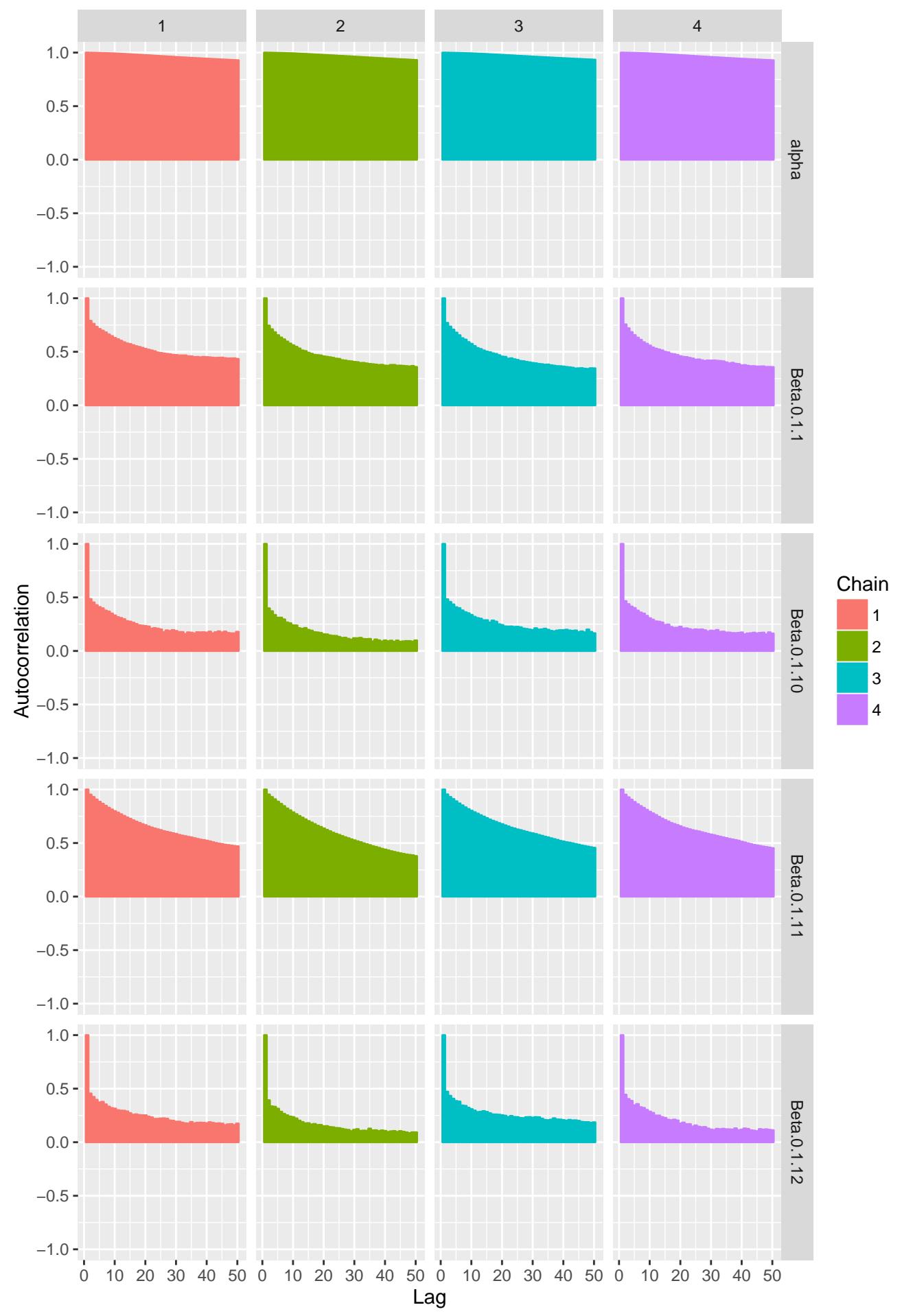
tau2.P.3.2

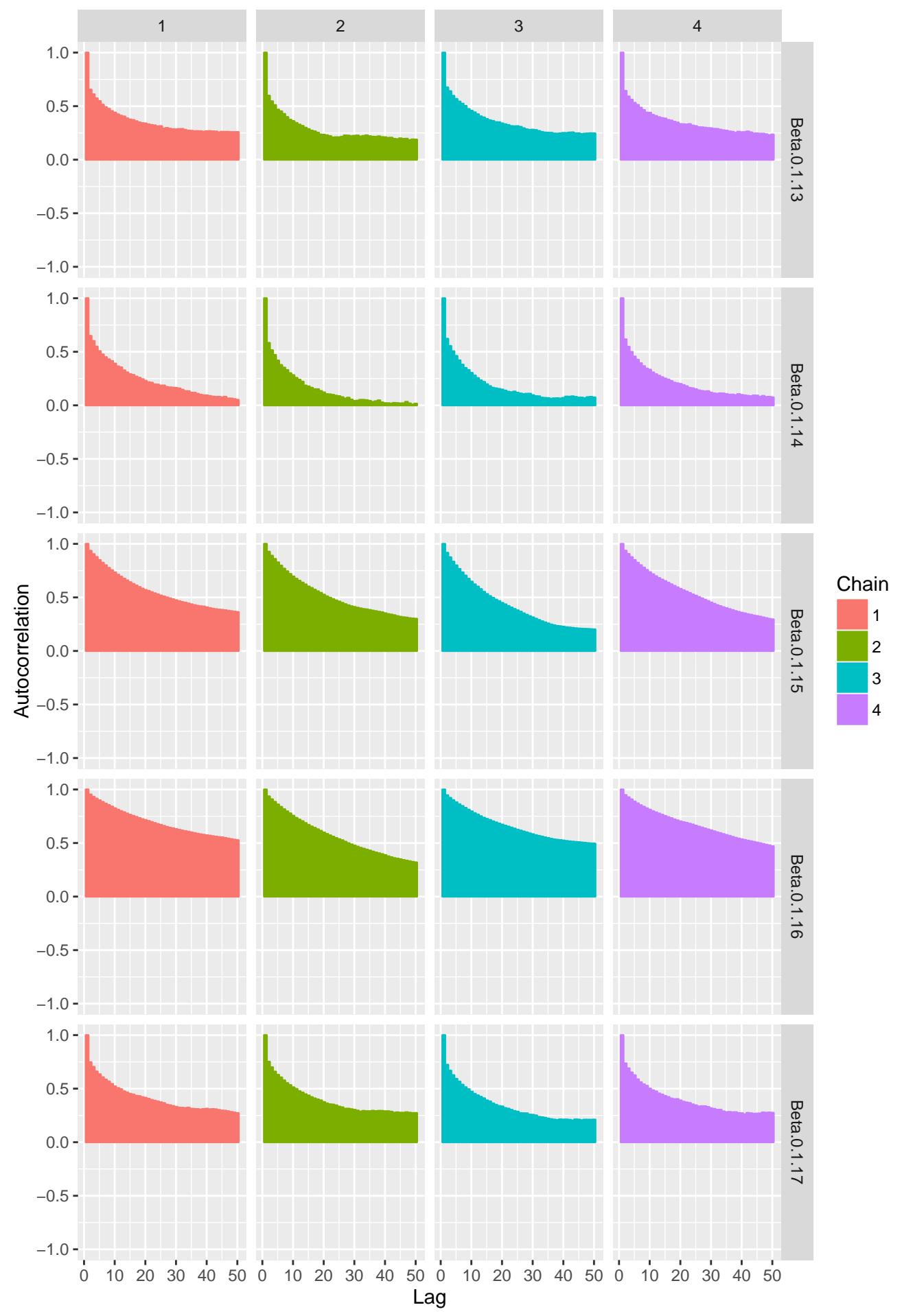


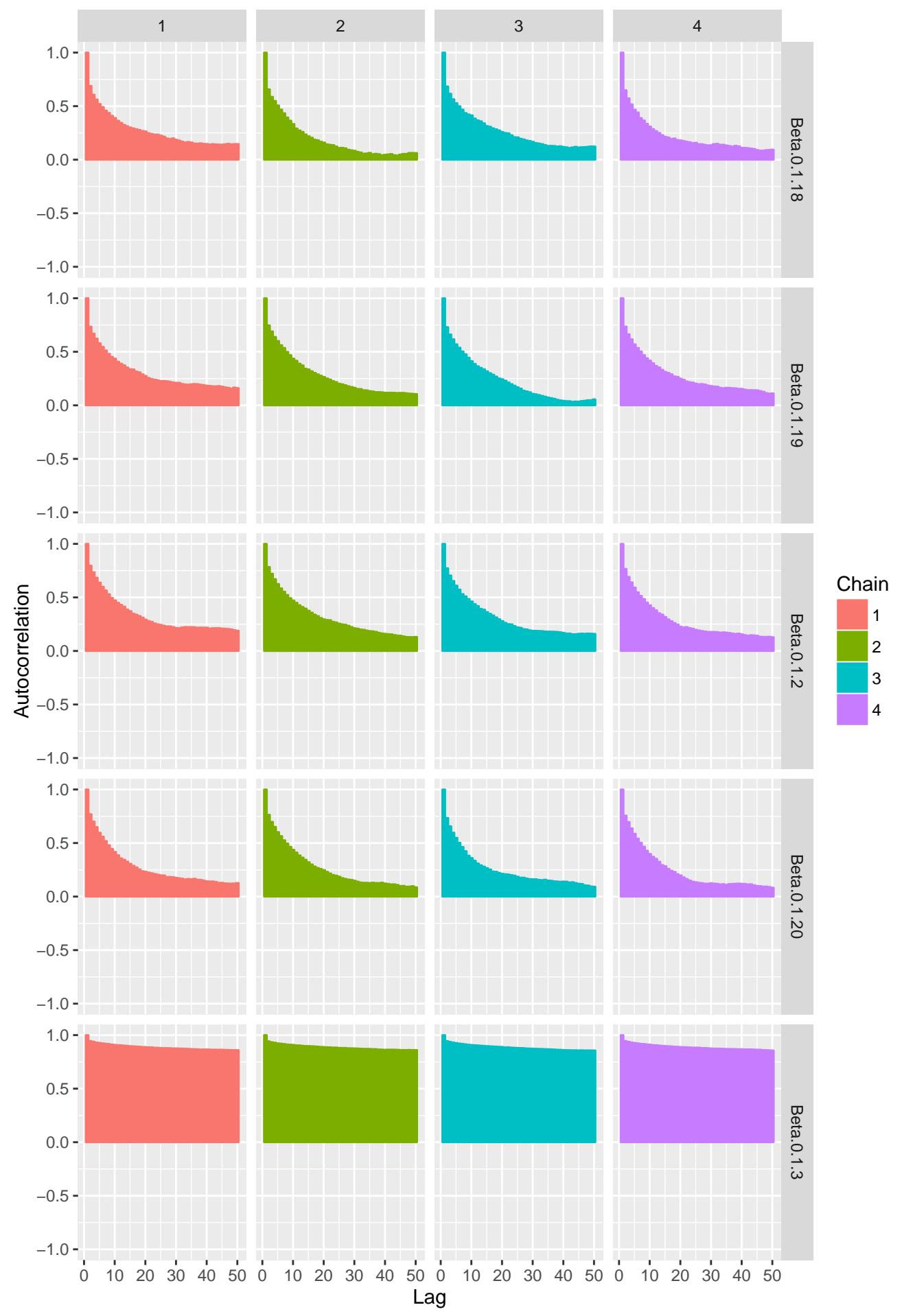
Chain

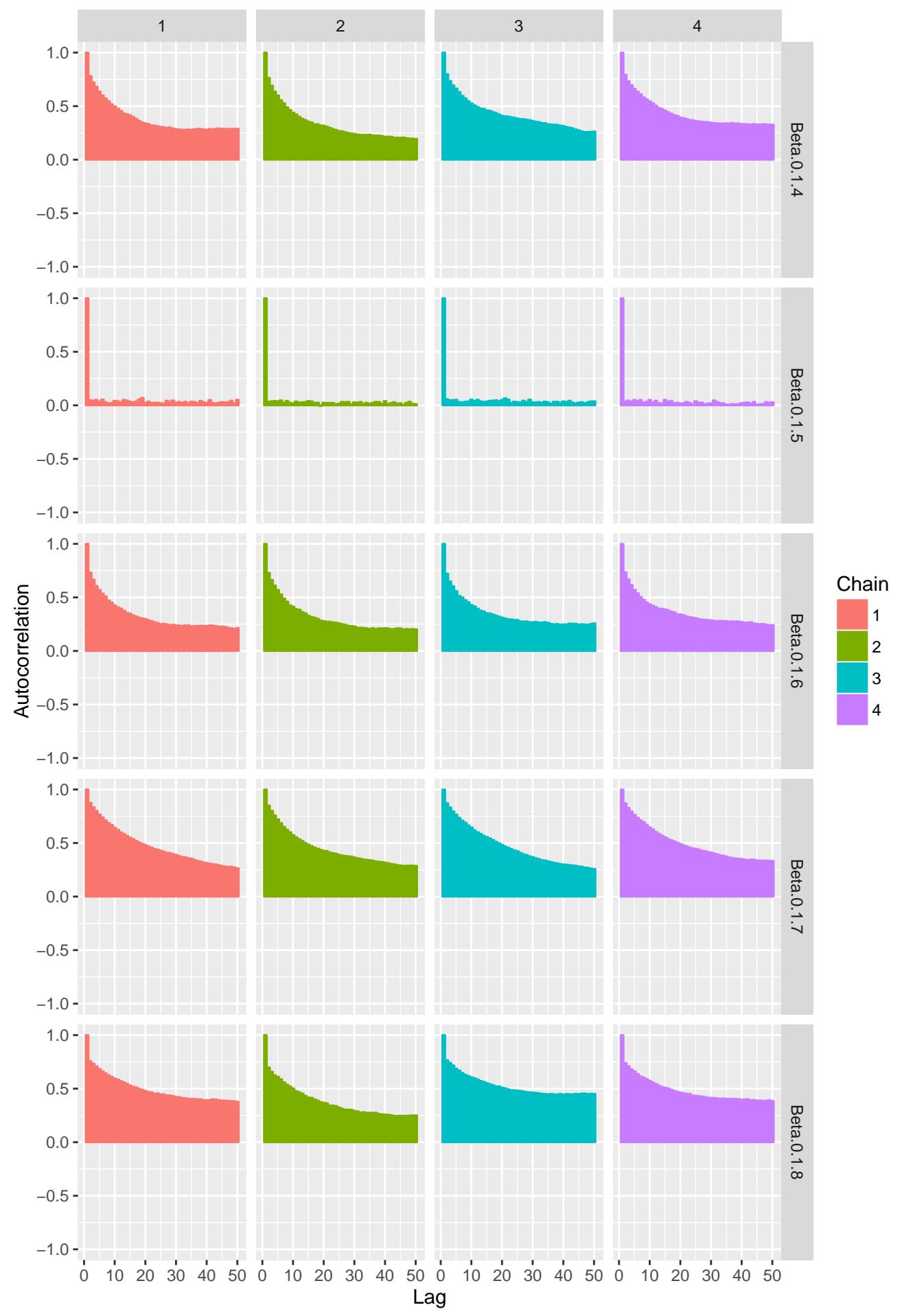
- 1
- 2
- 3
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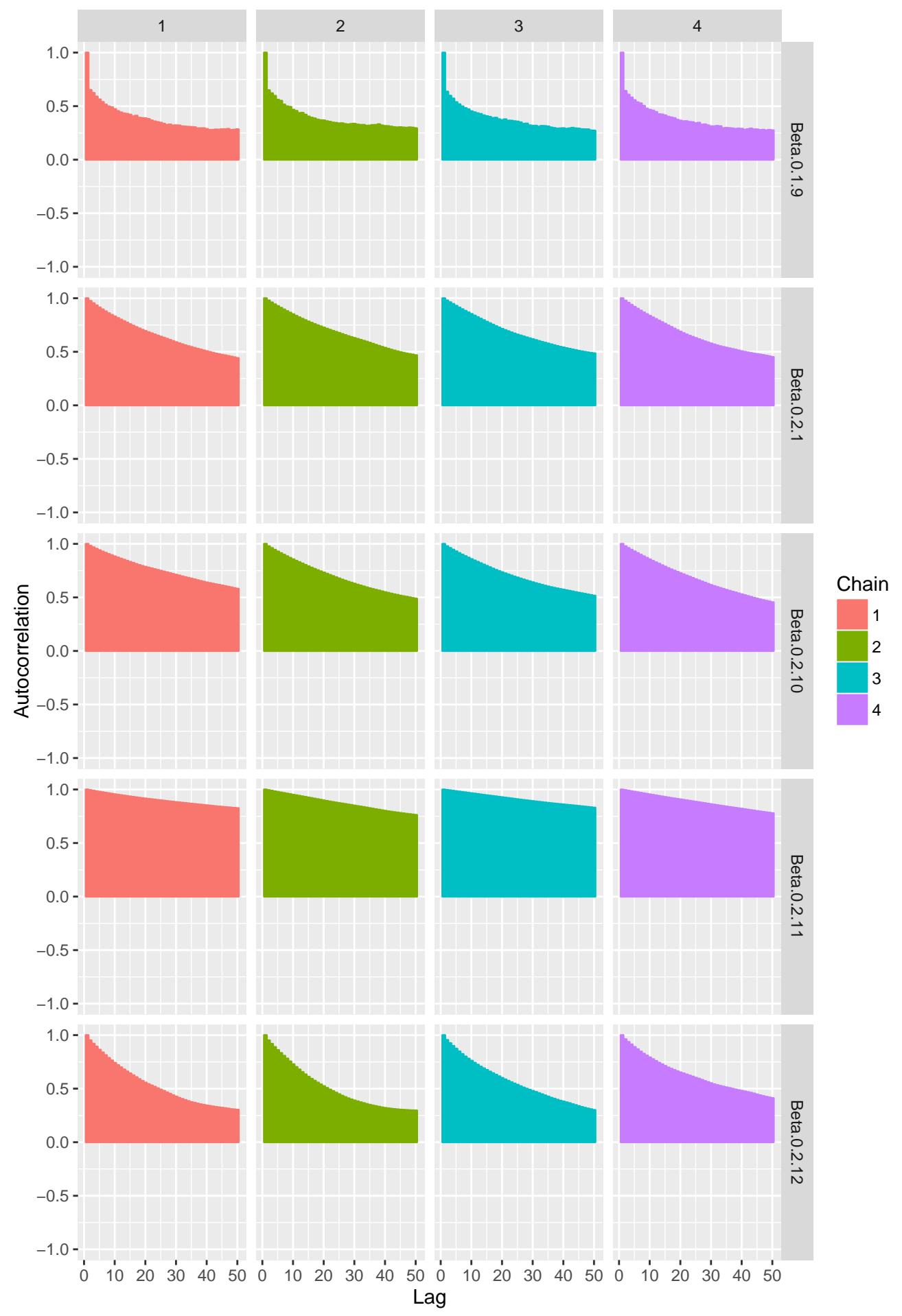
Iteration

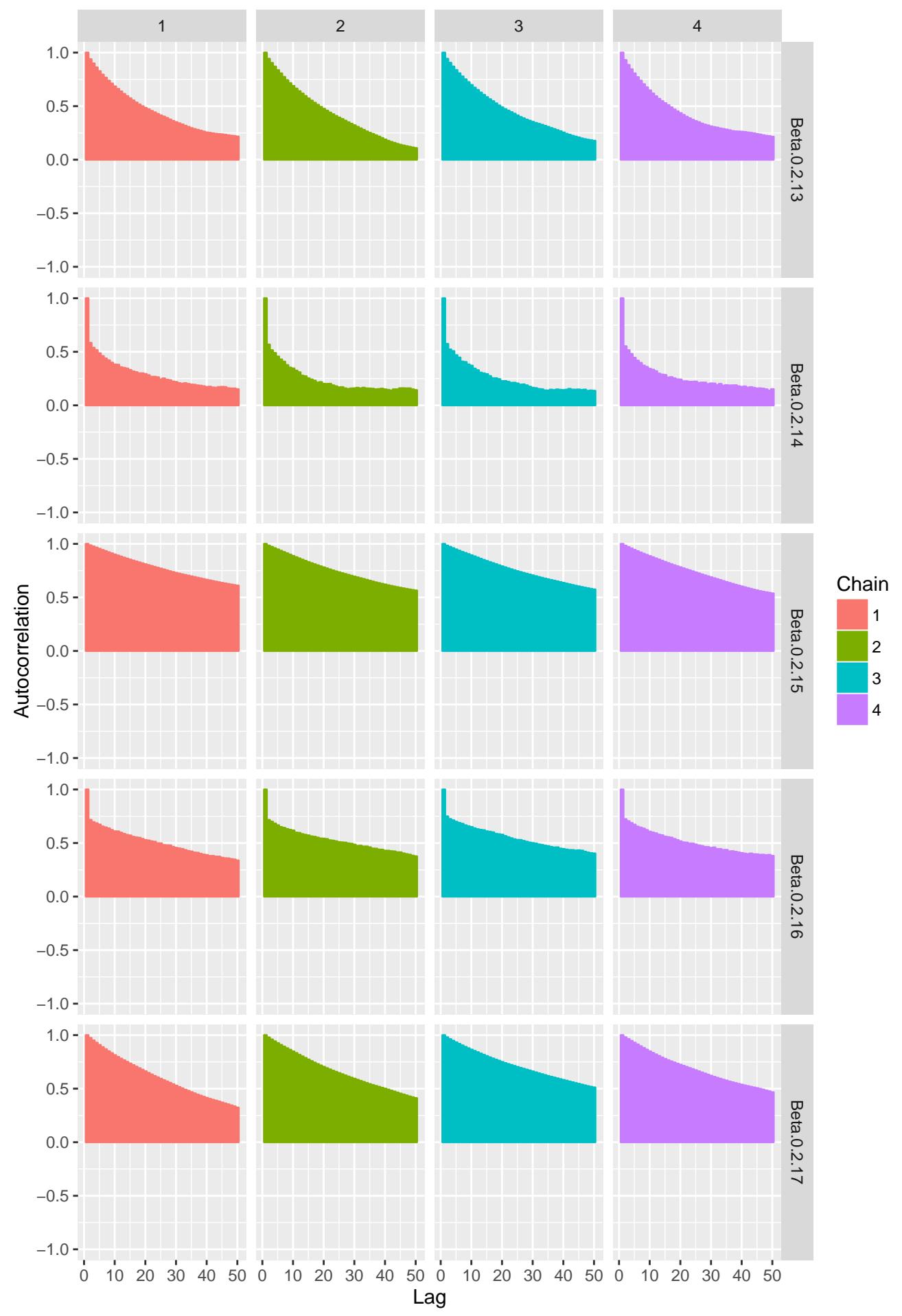


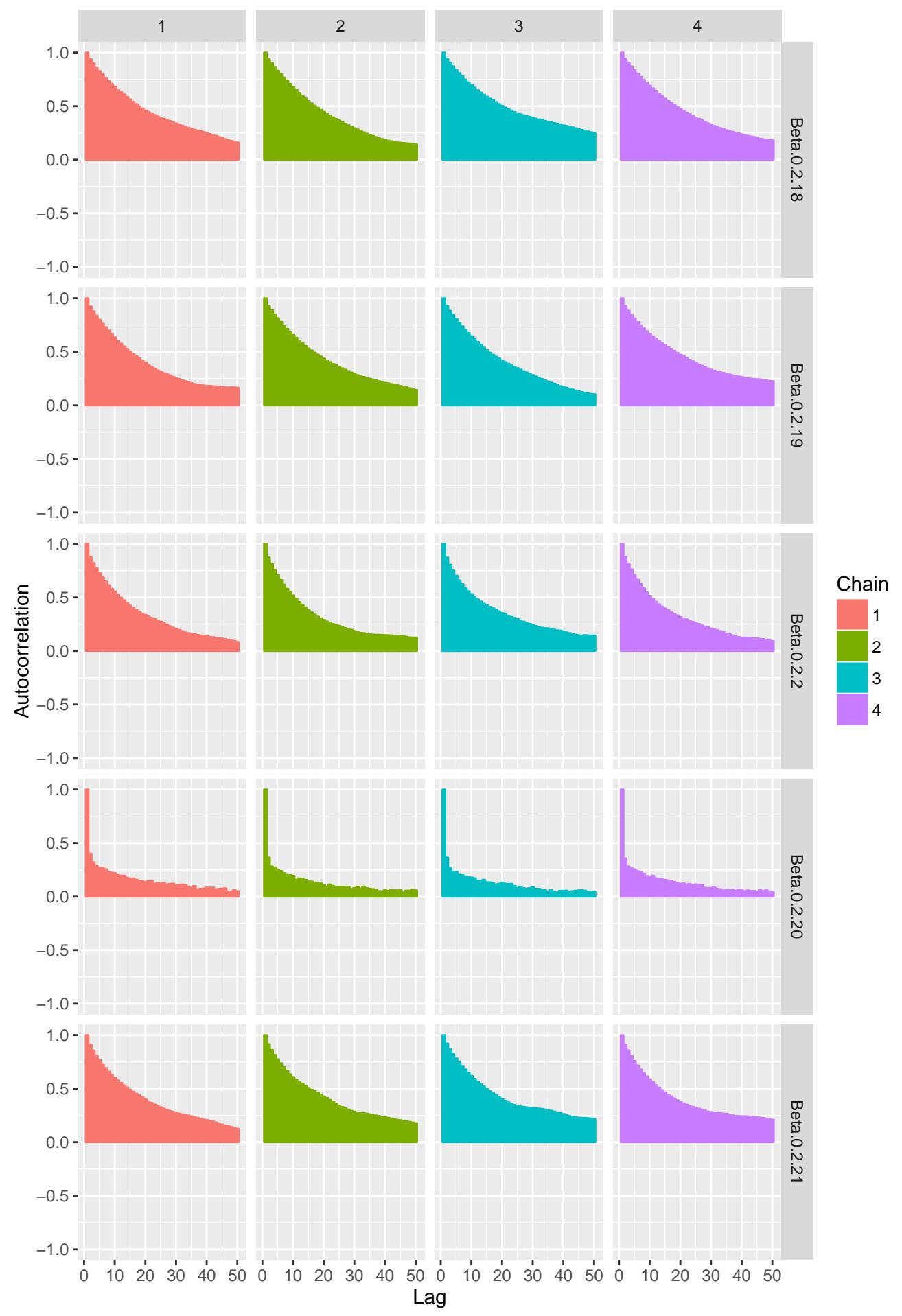


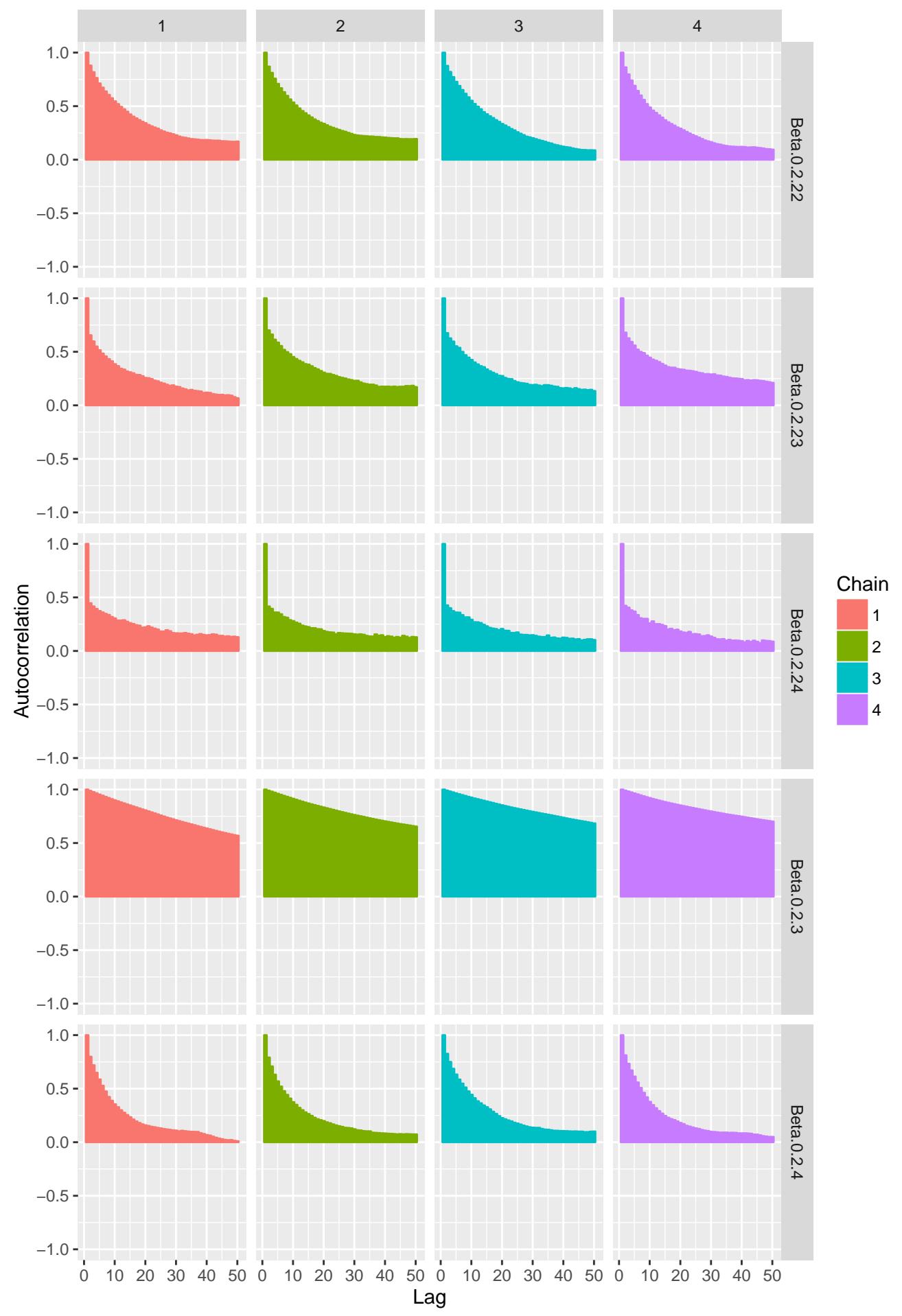


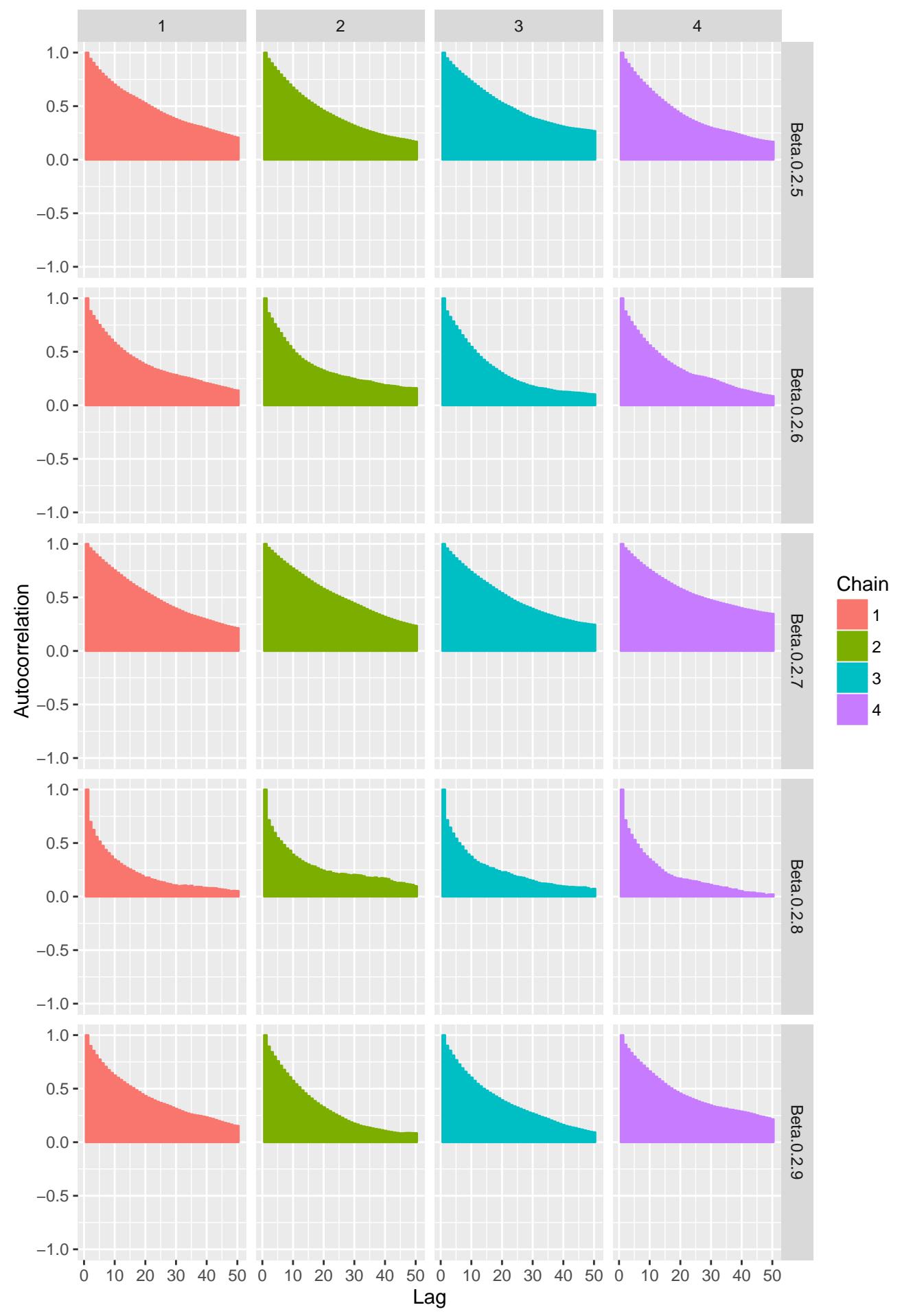


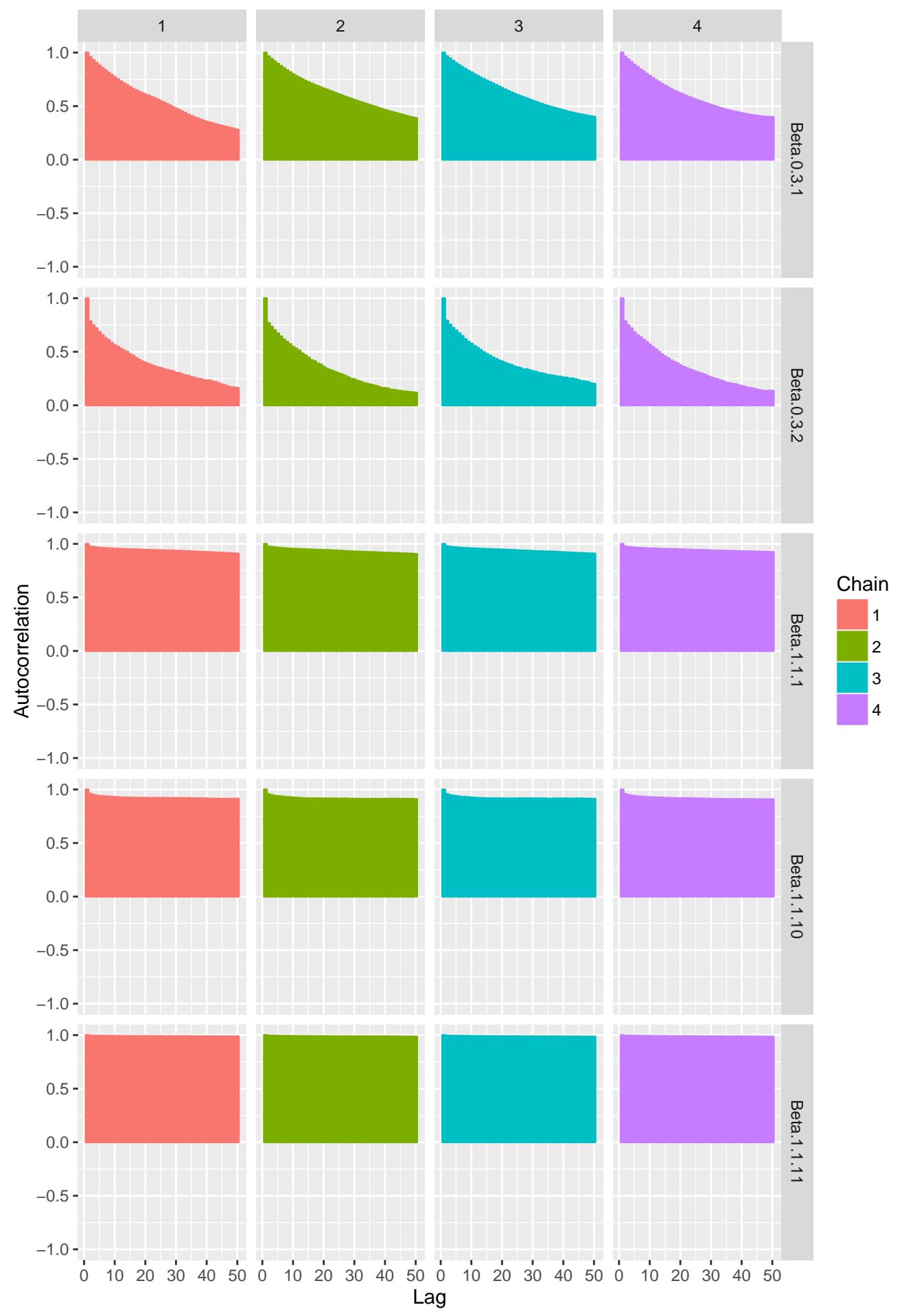


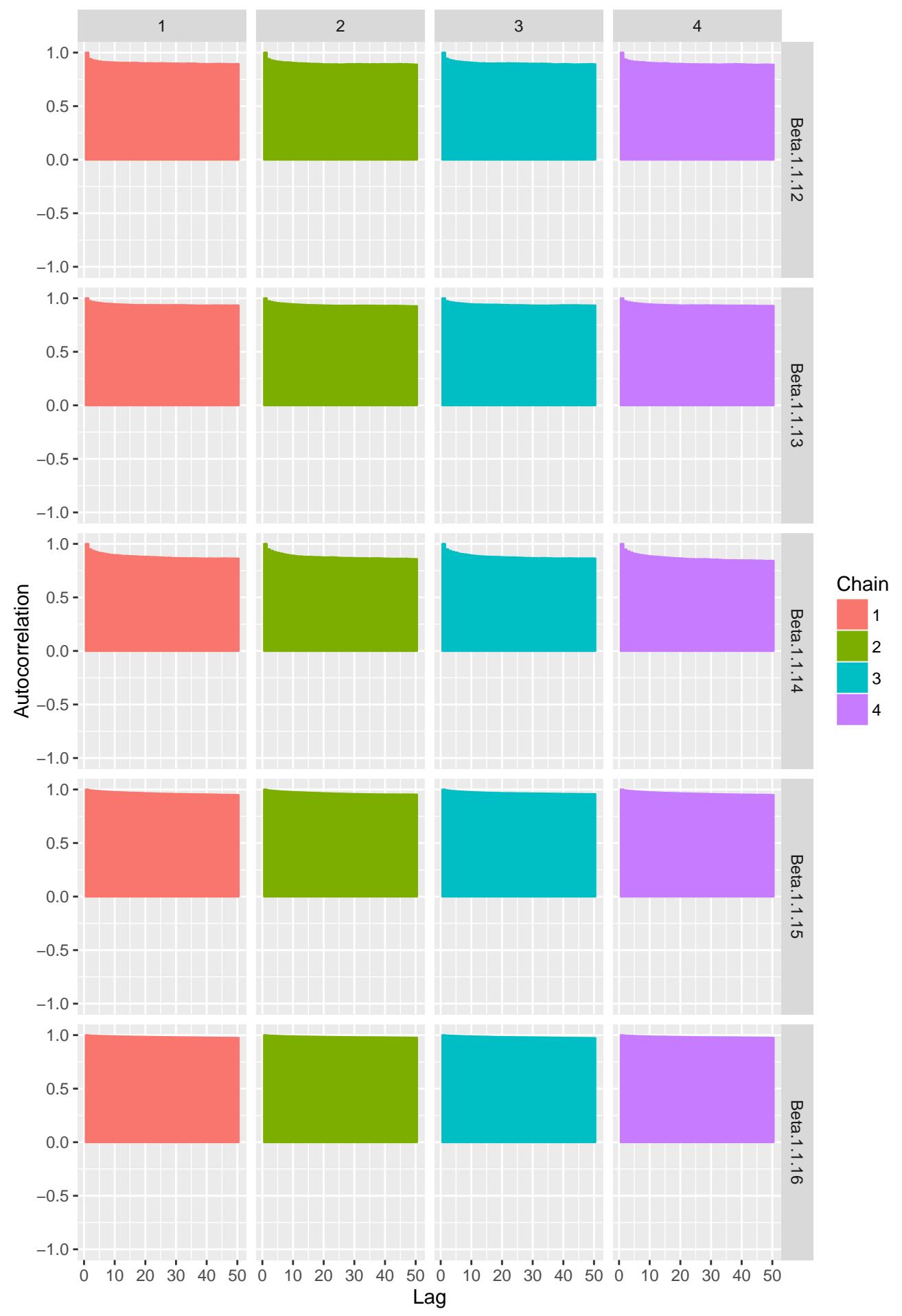


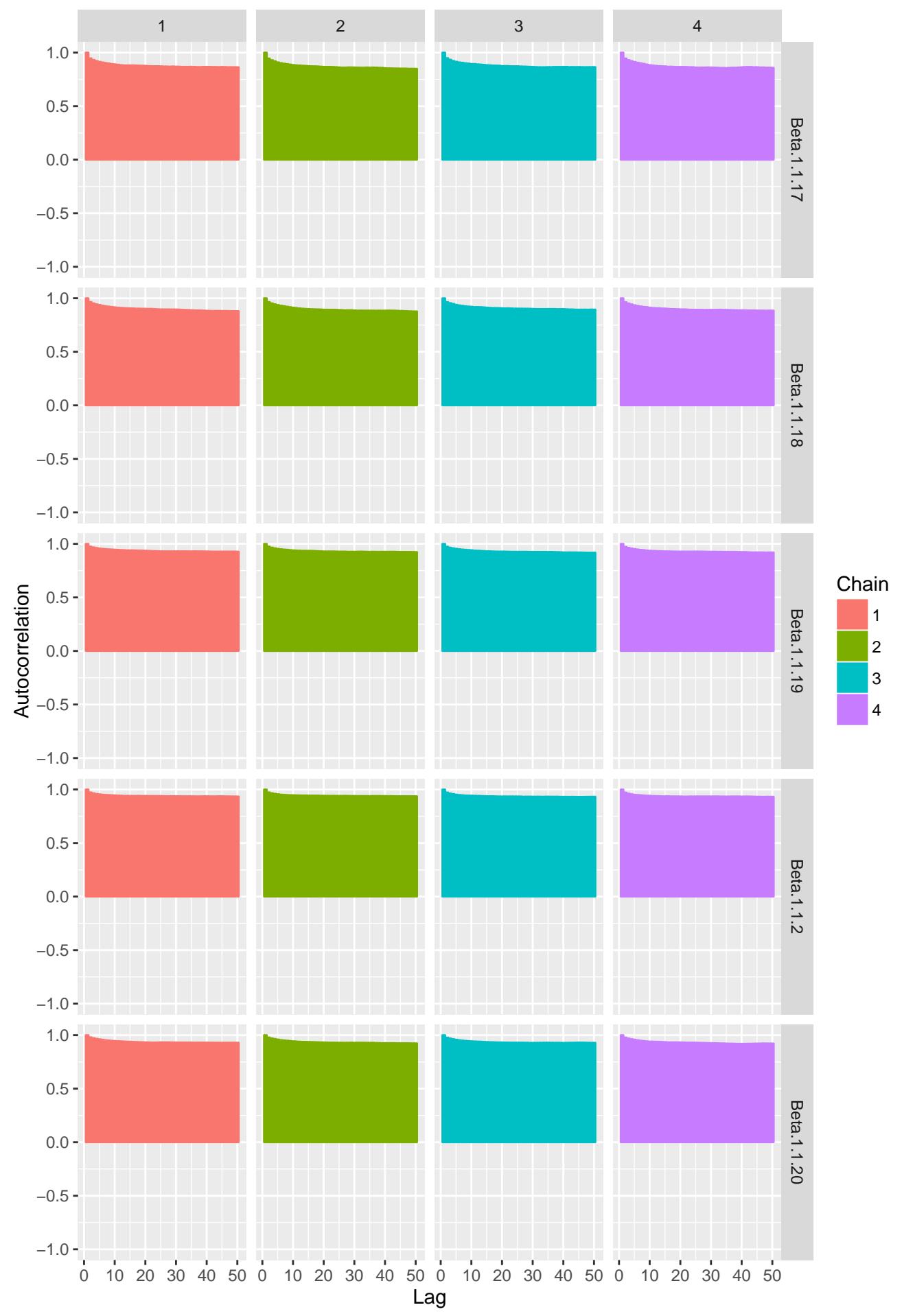


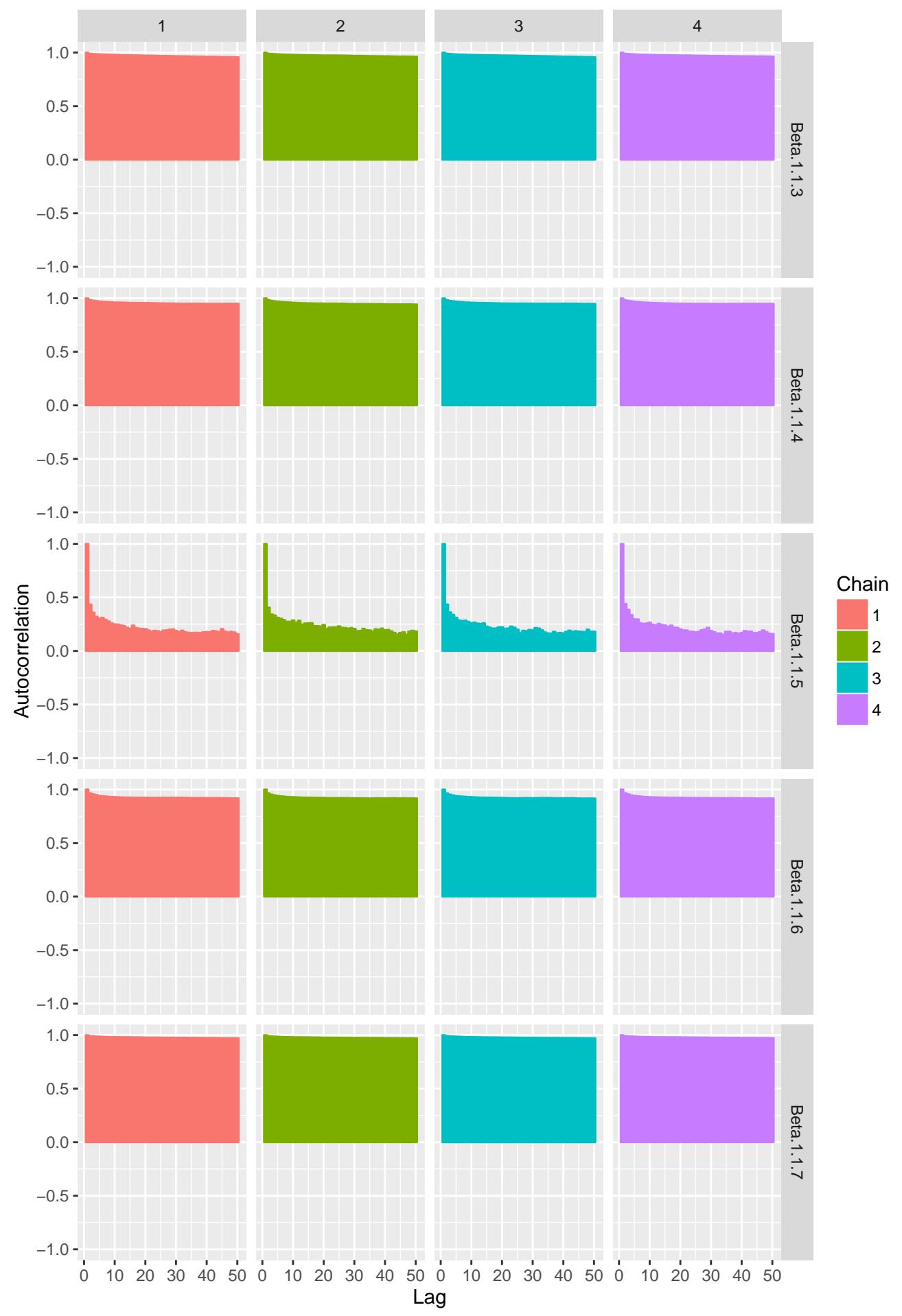


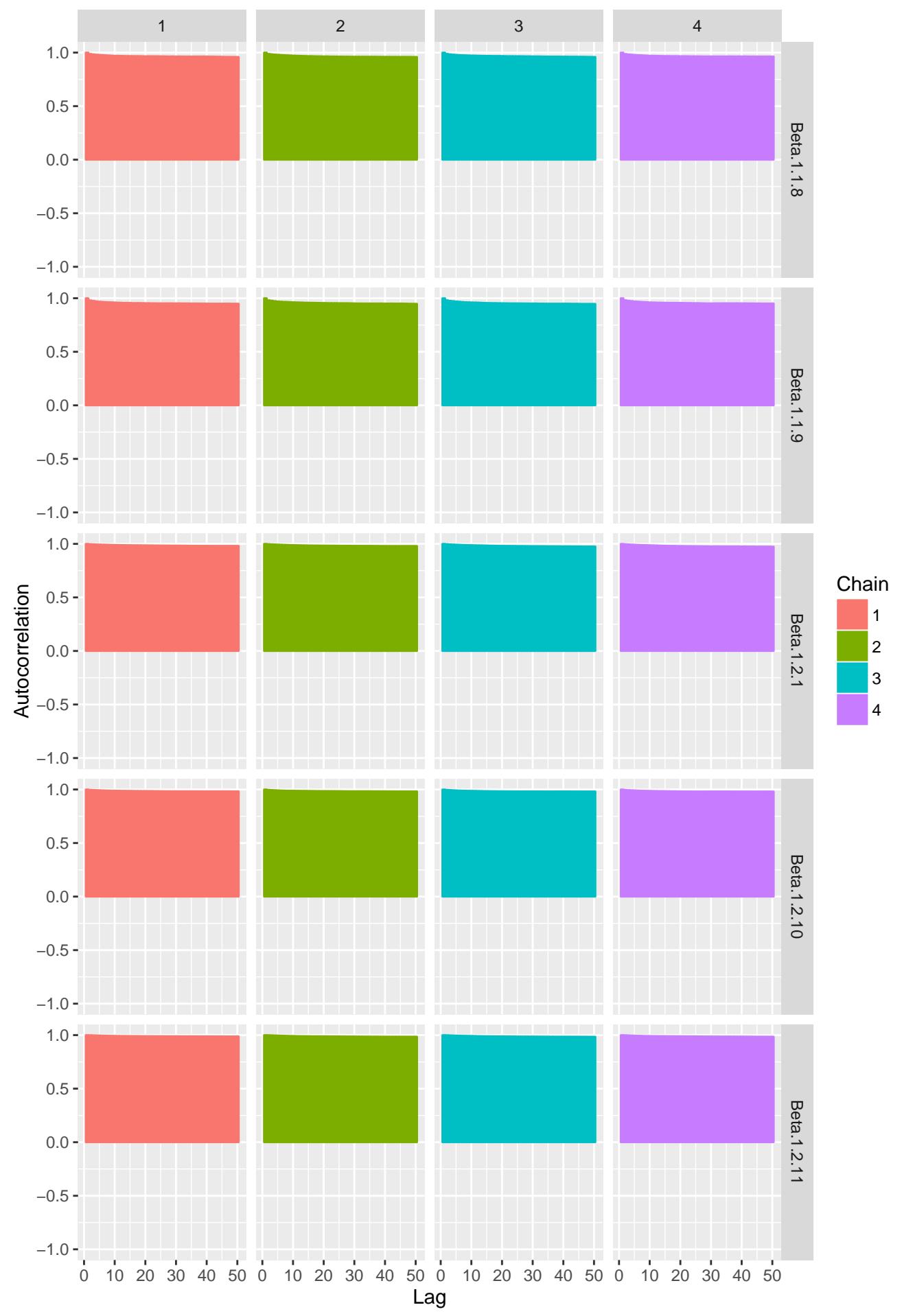


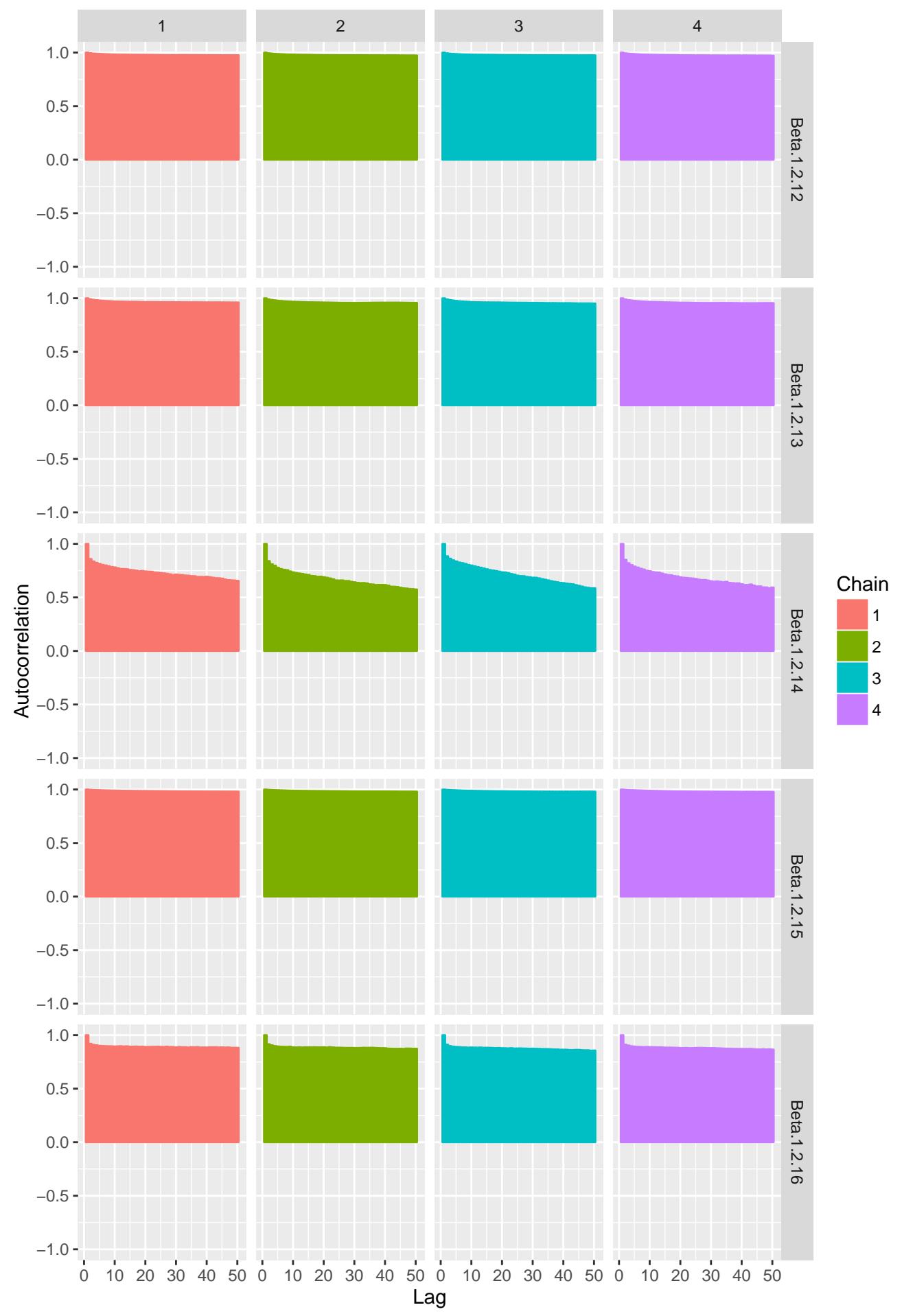


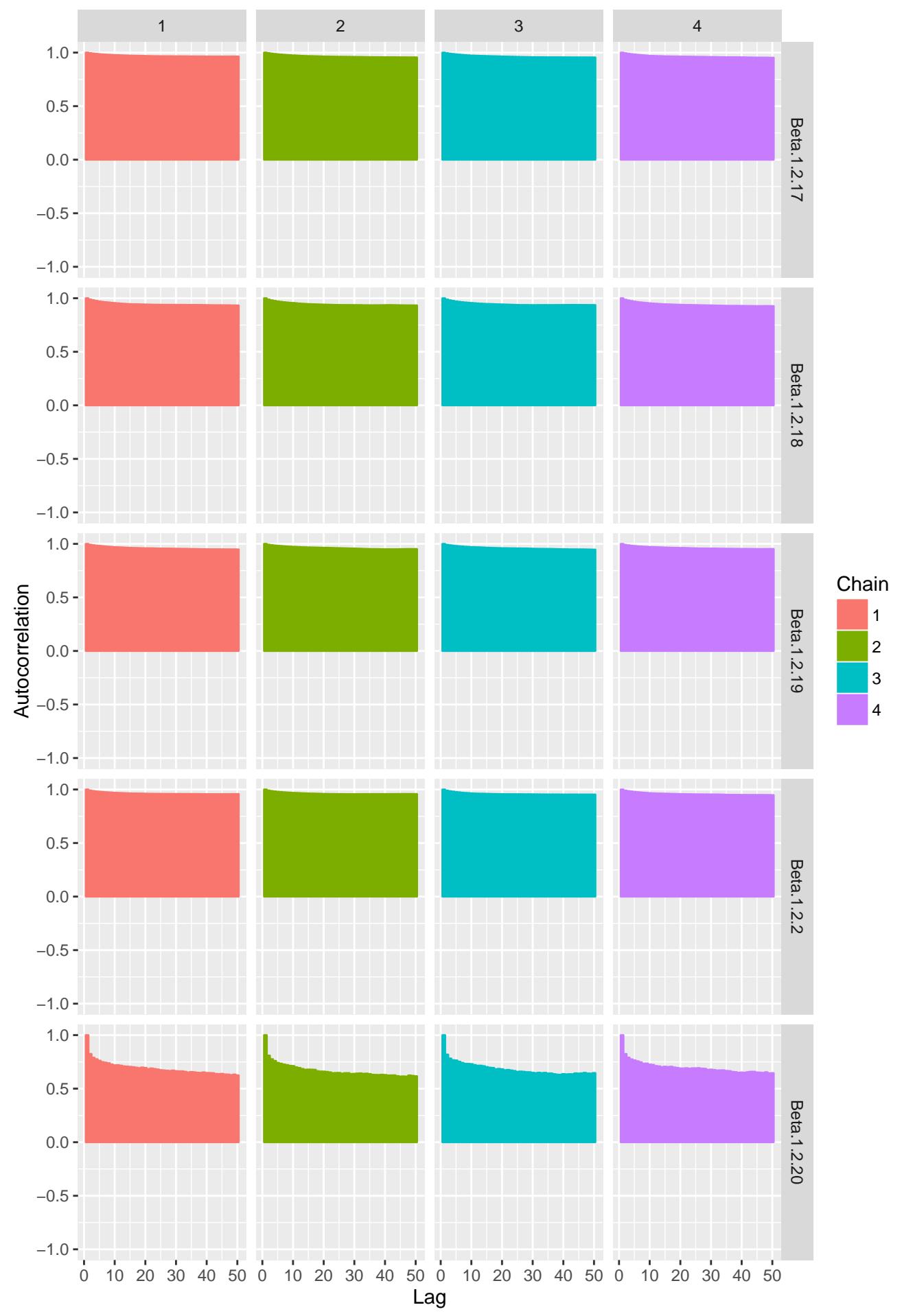


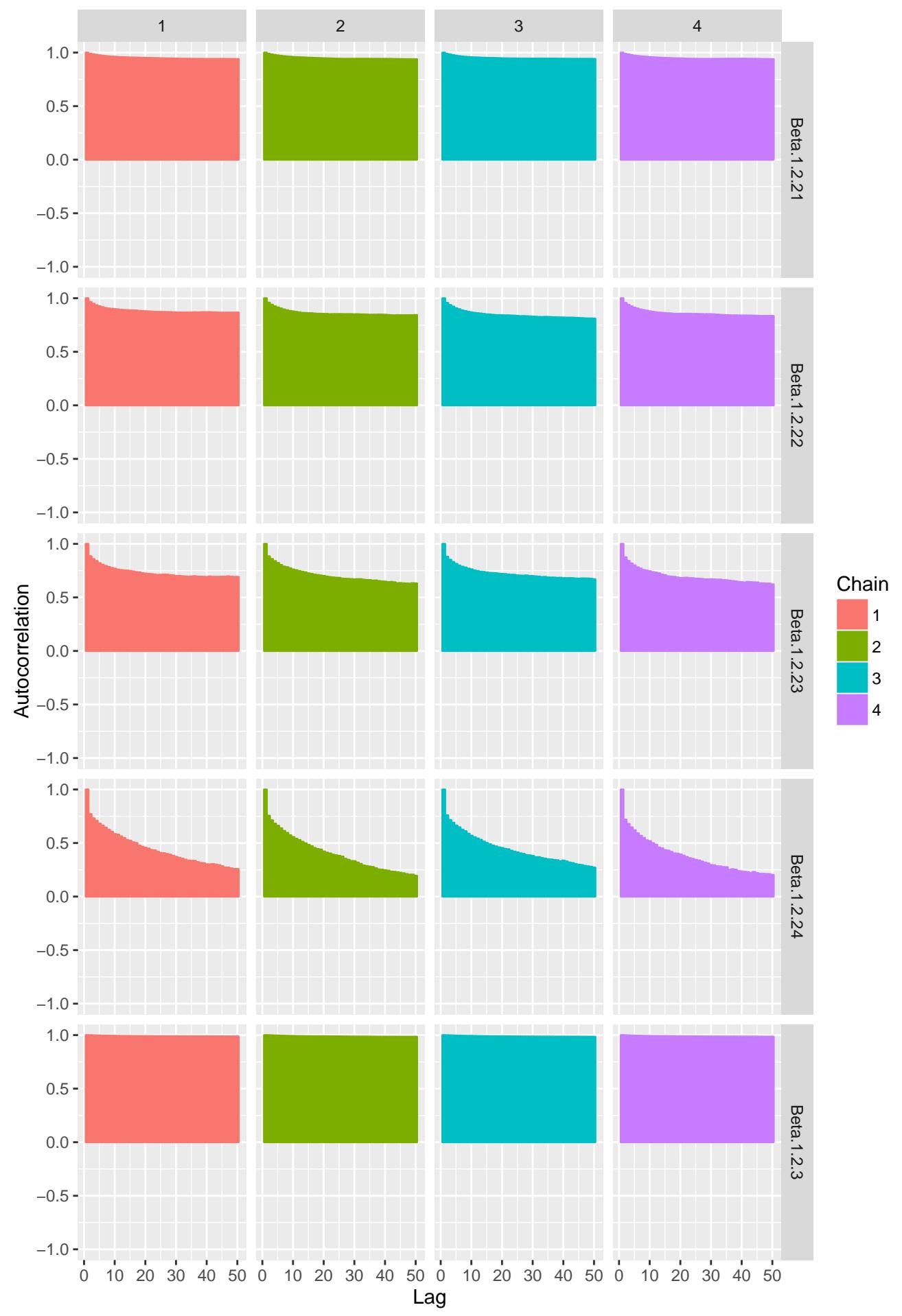


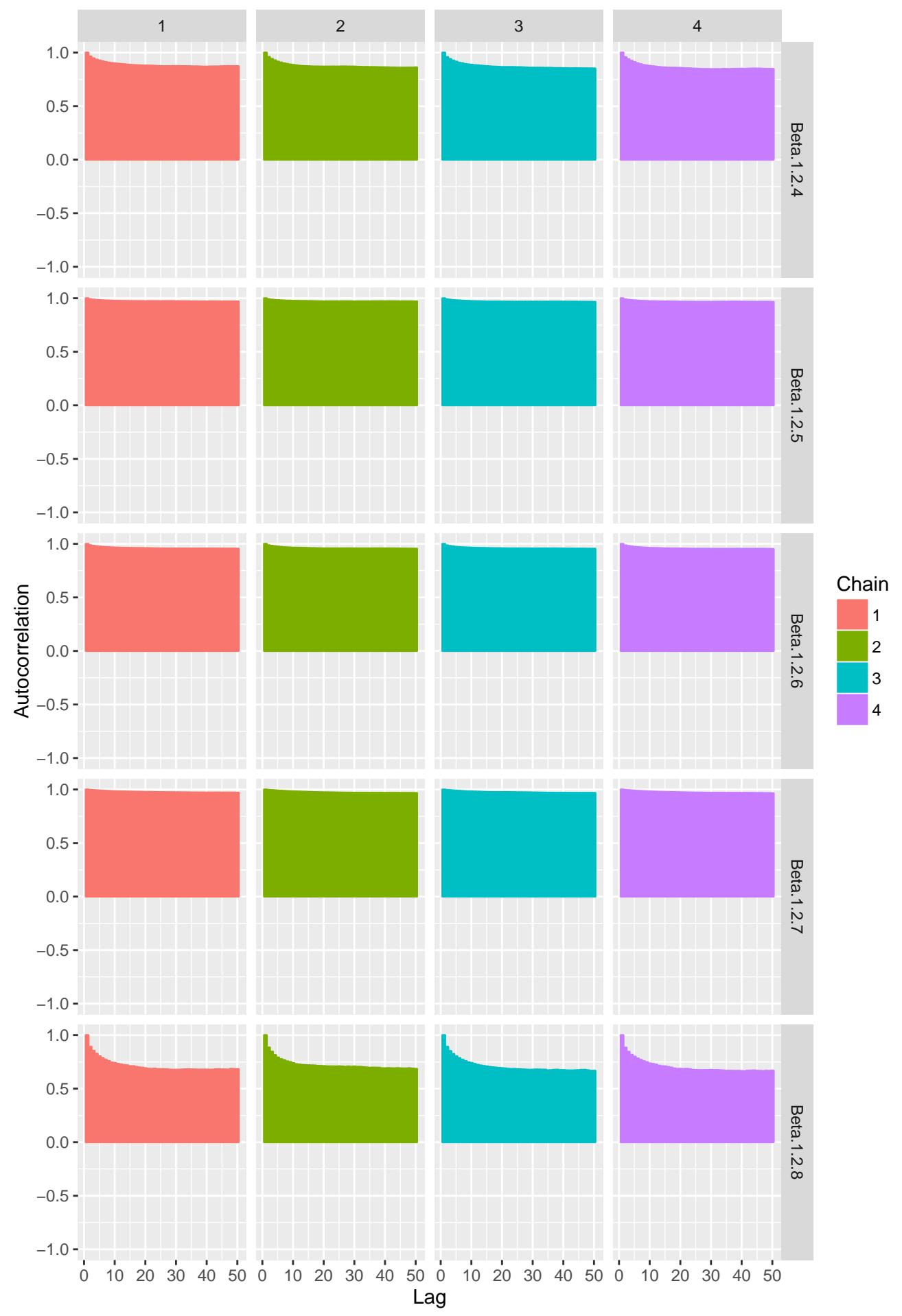


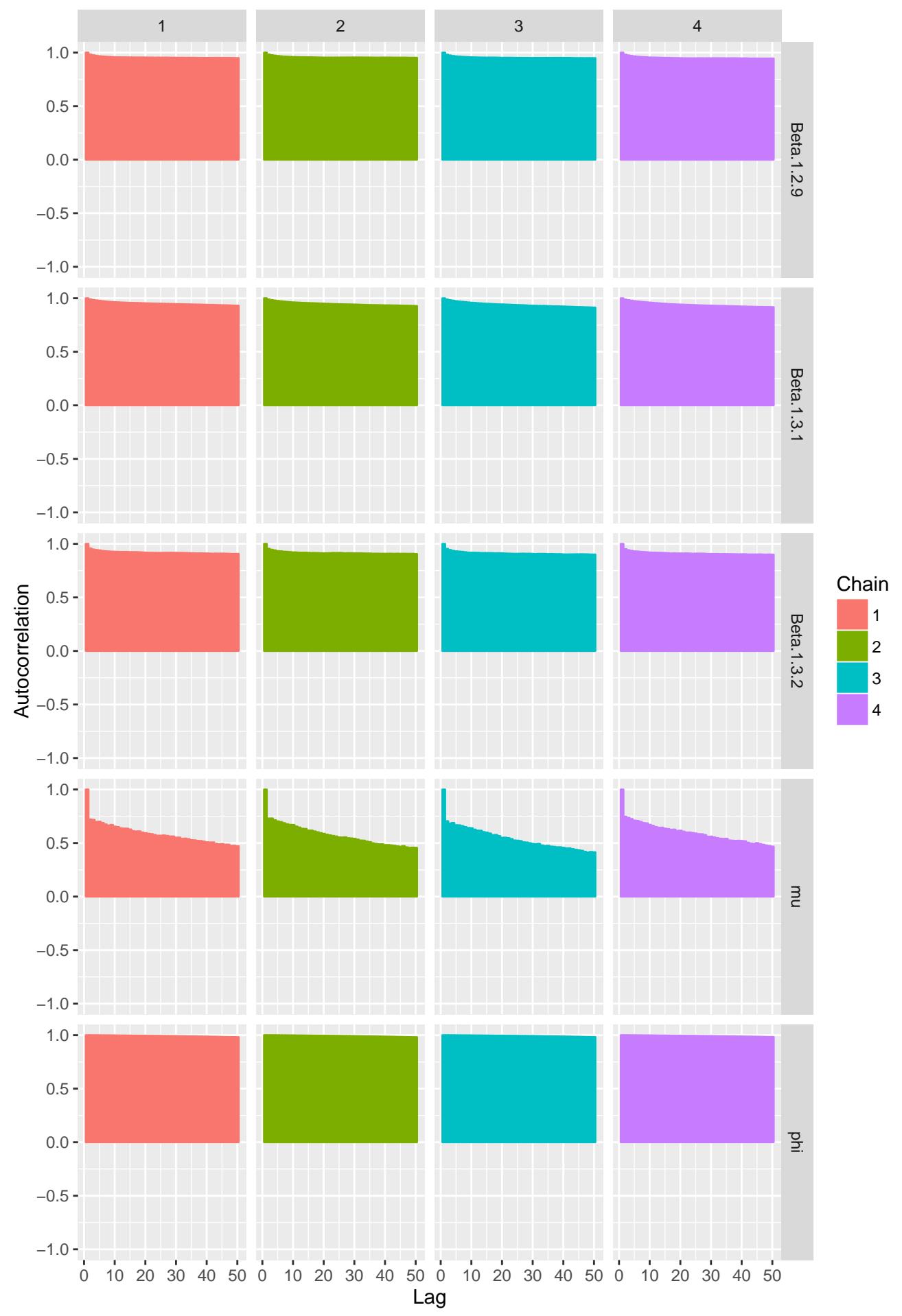


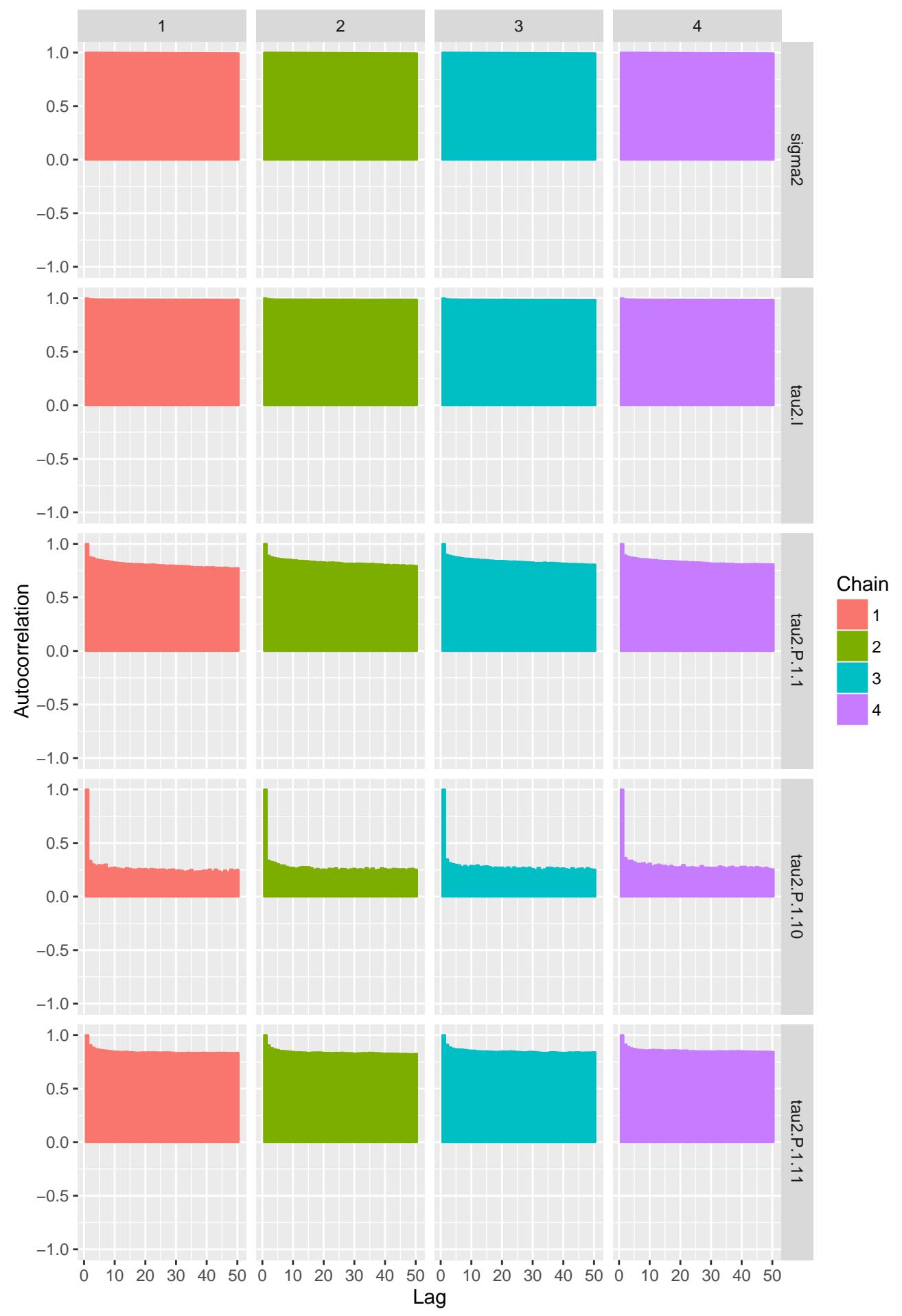


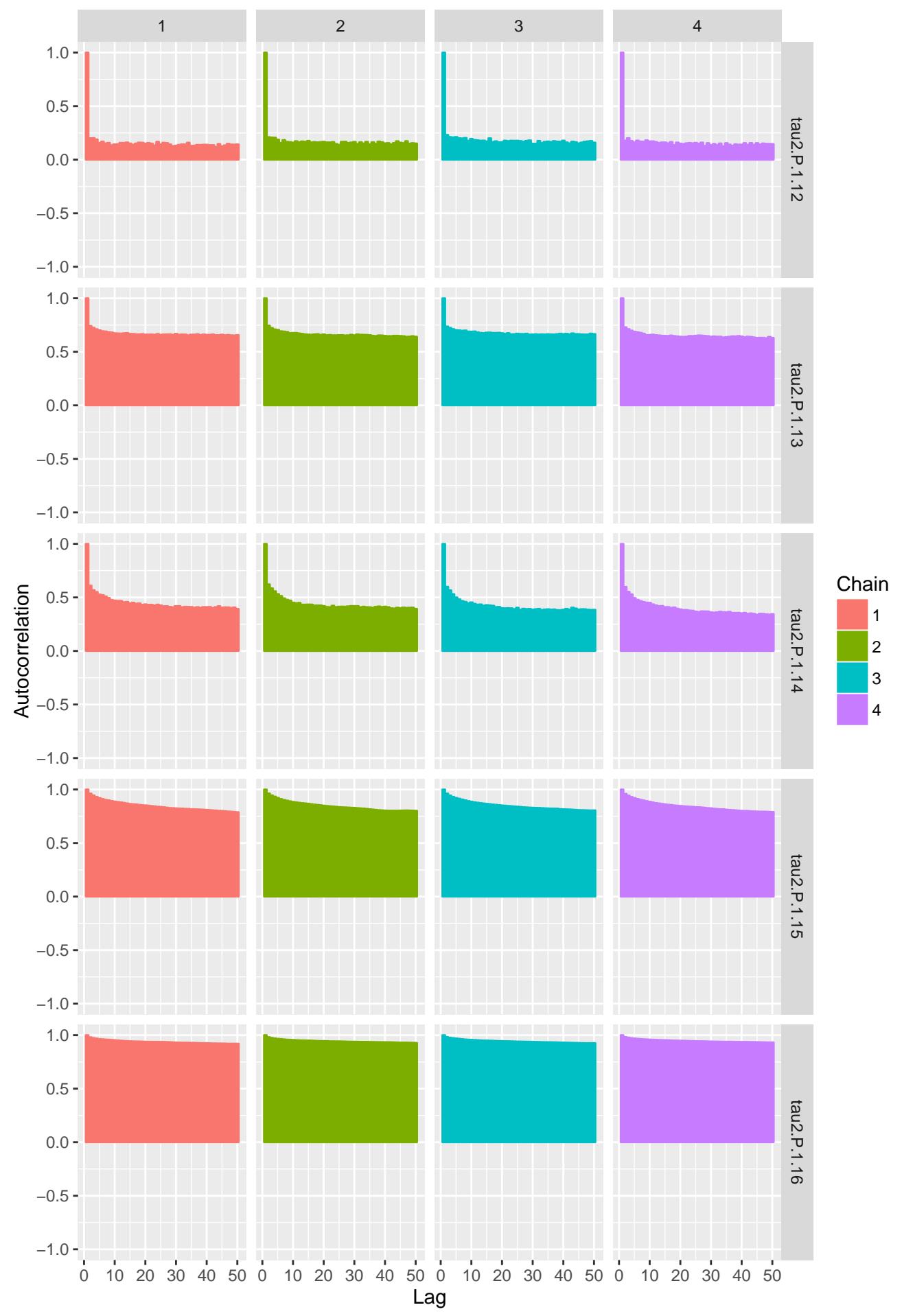


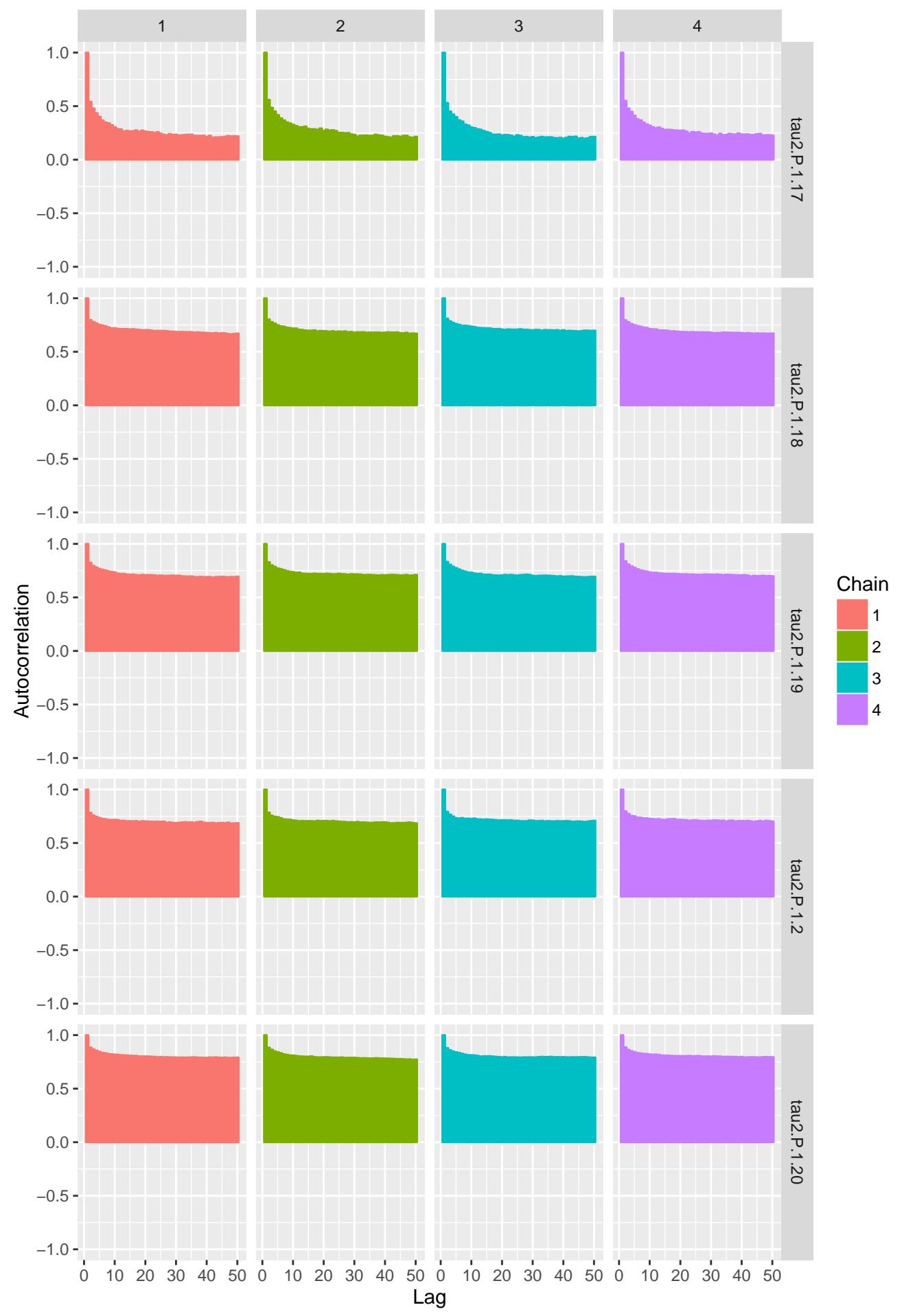


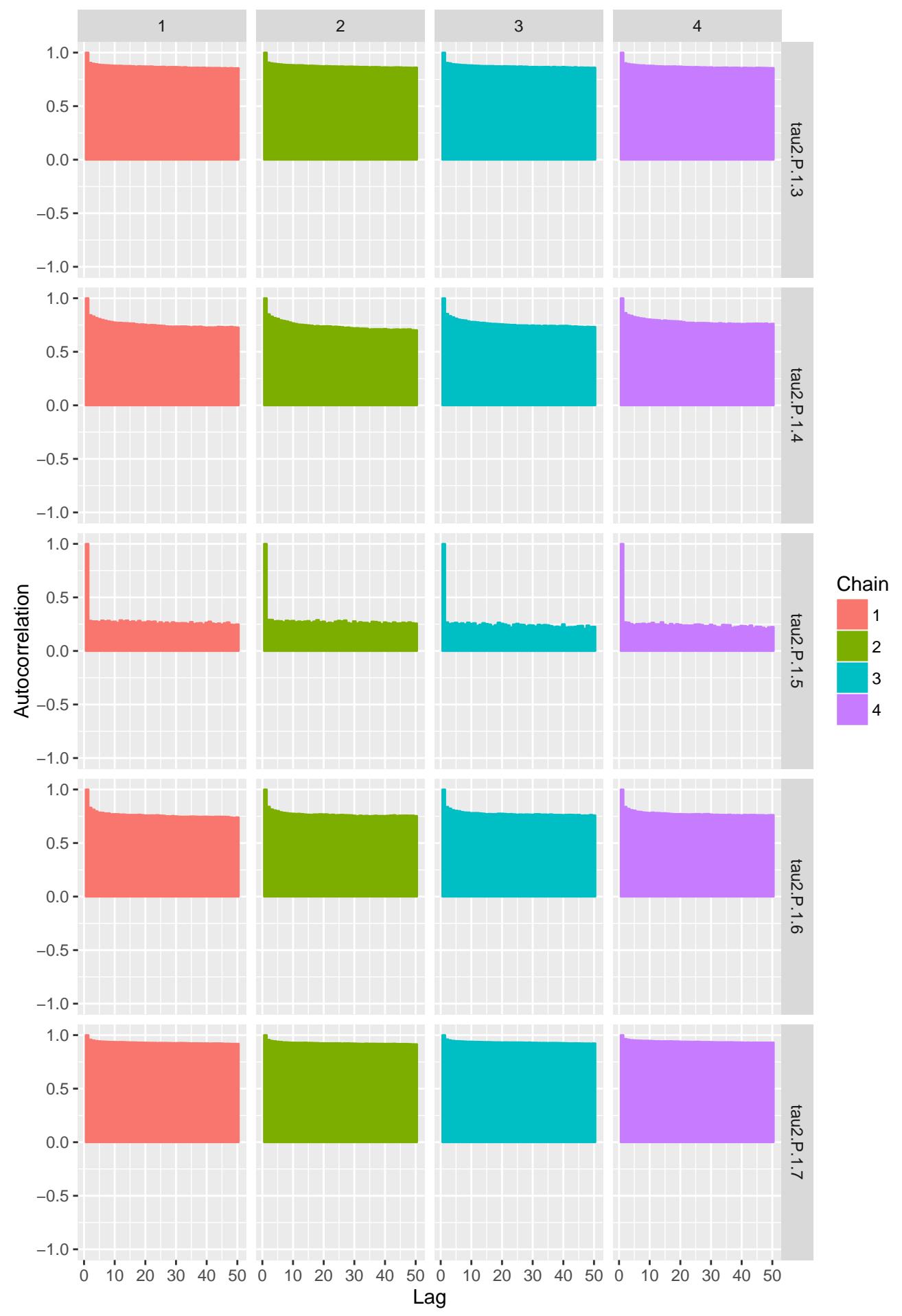


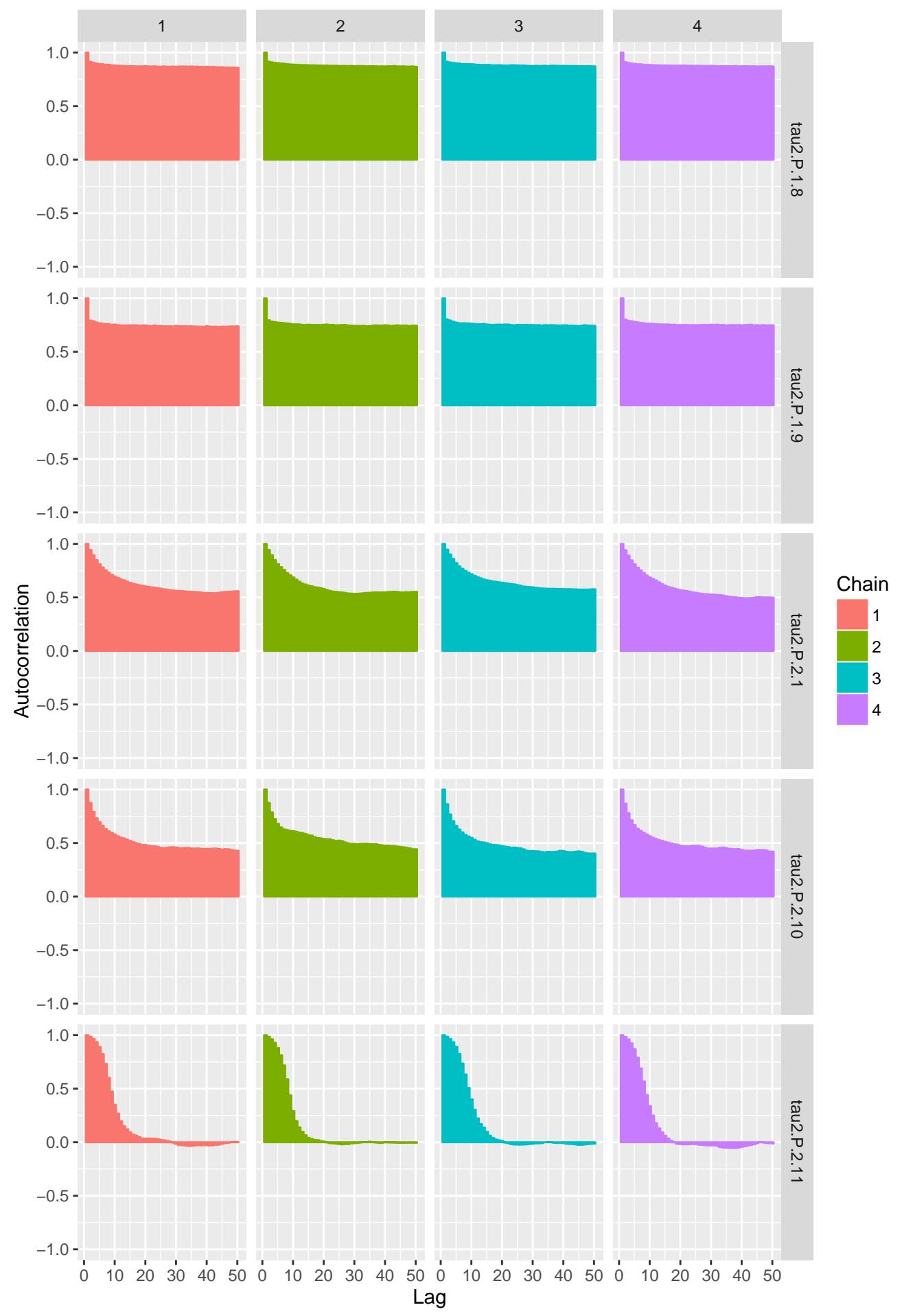


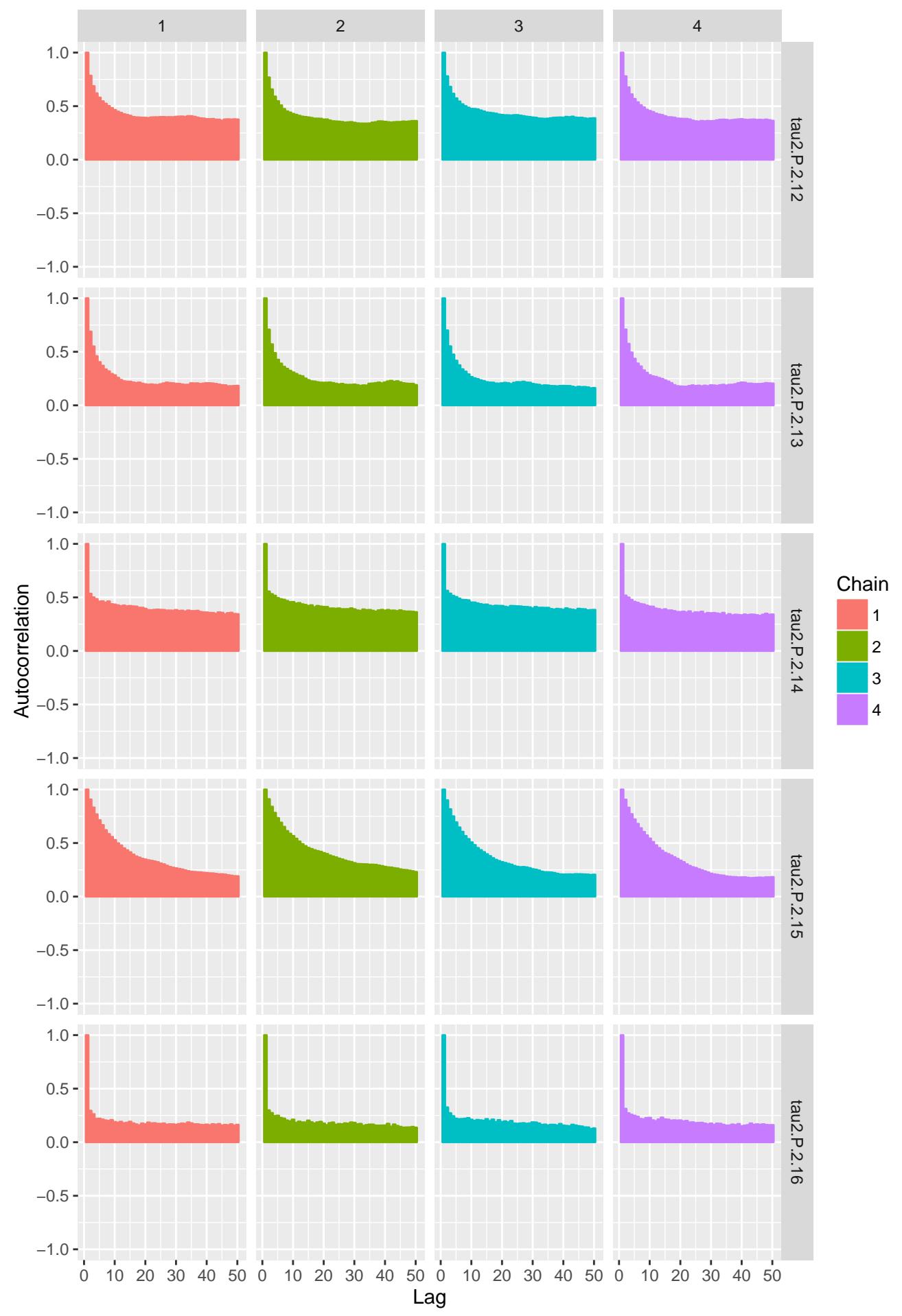


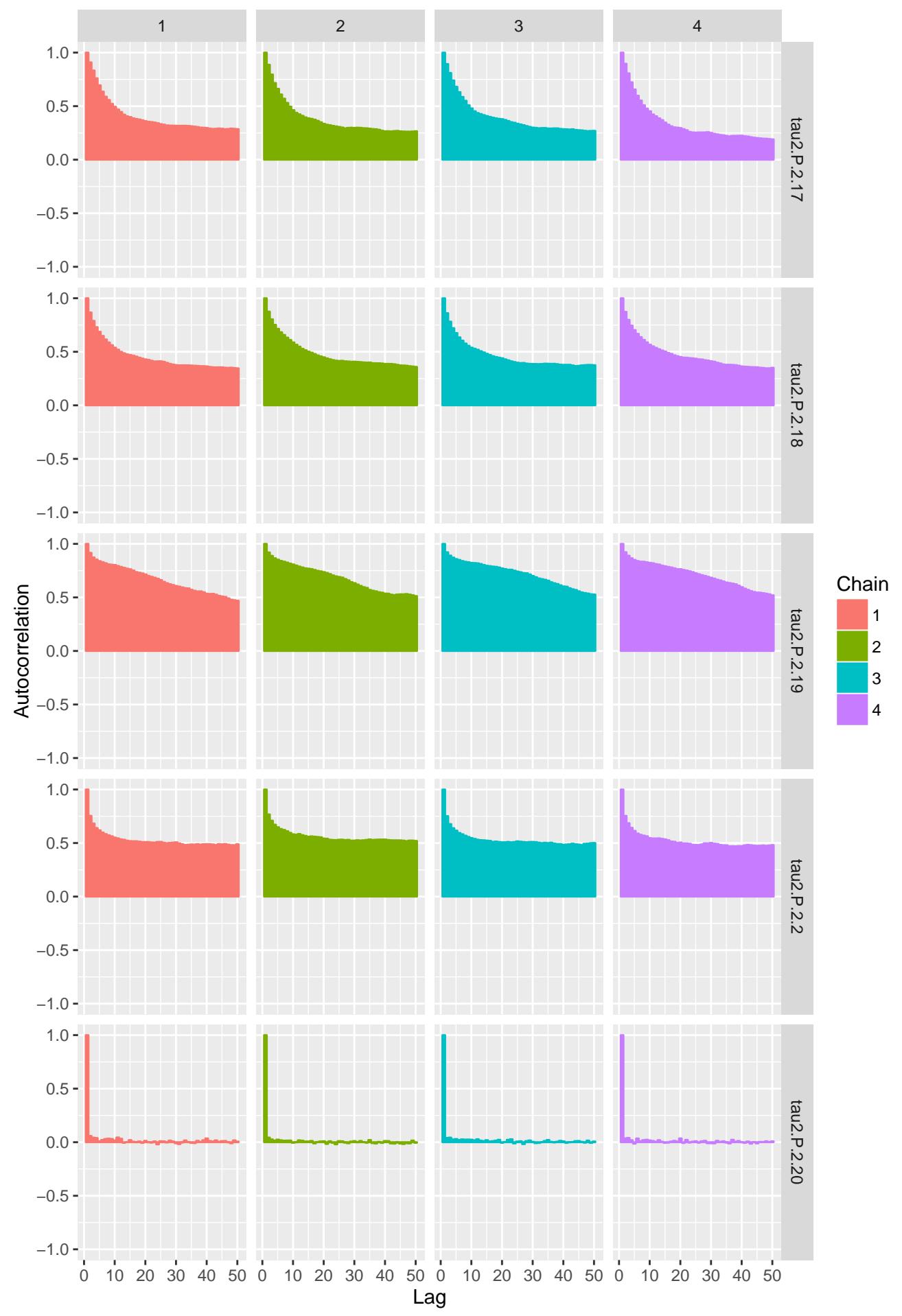


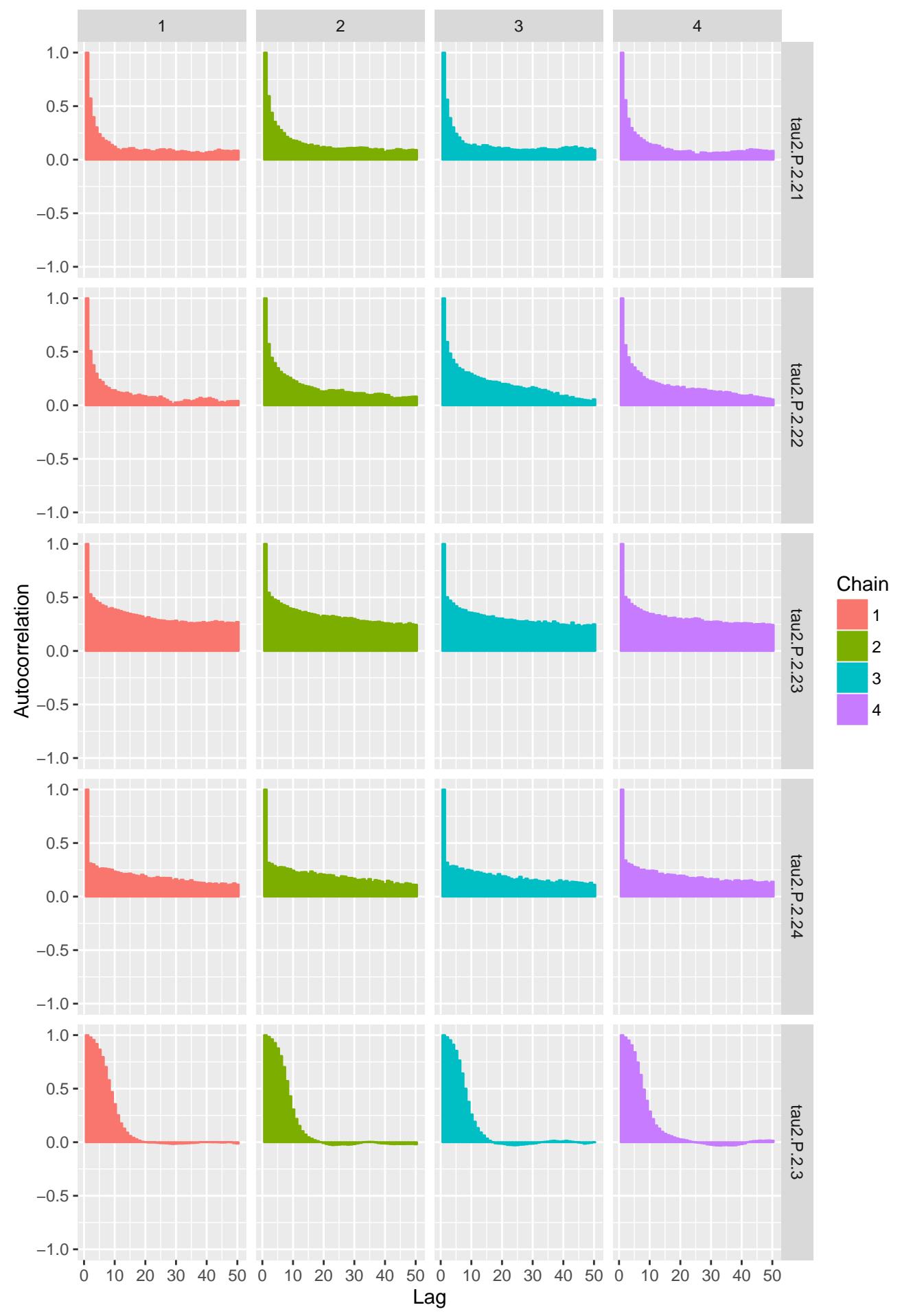


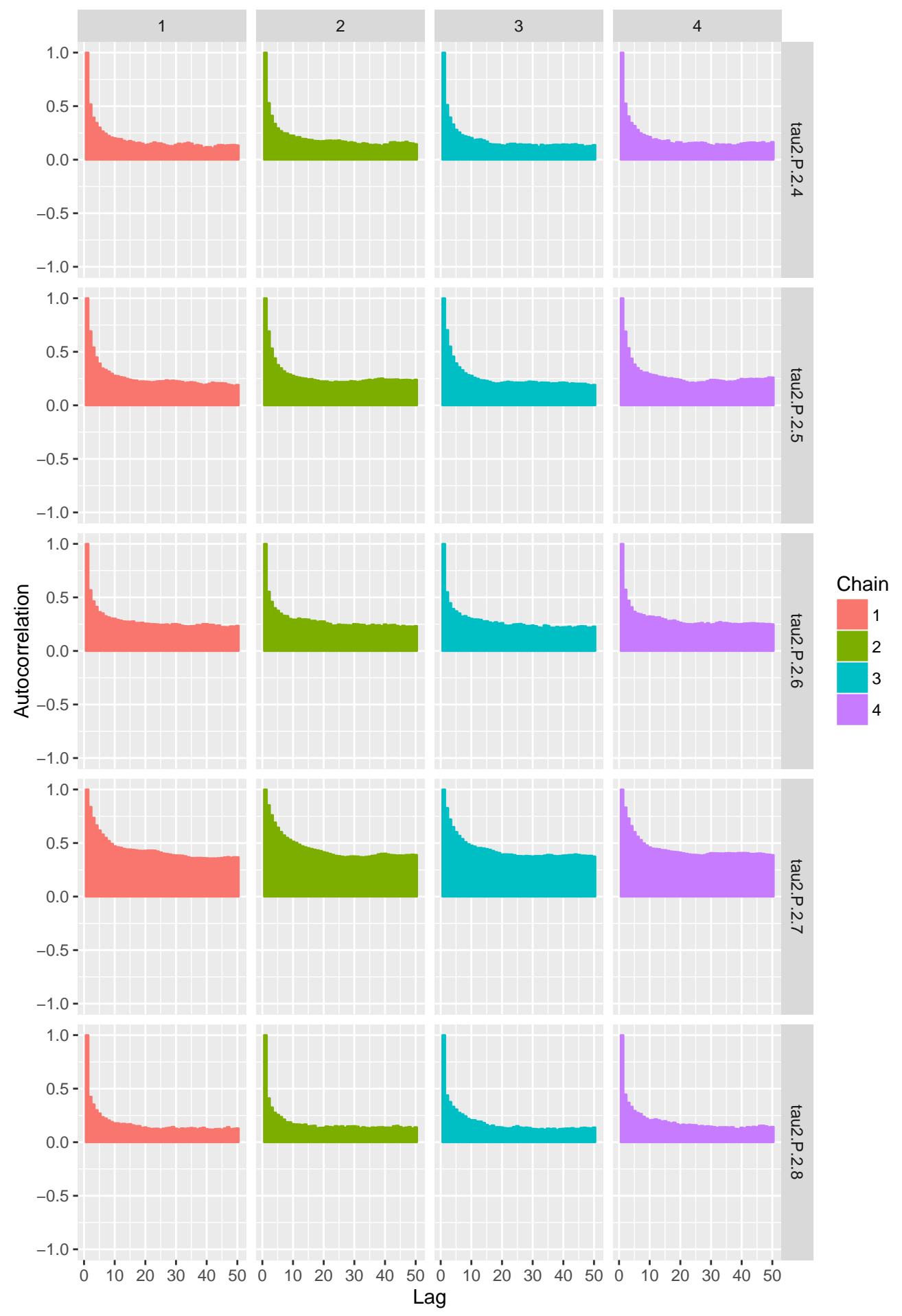


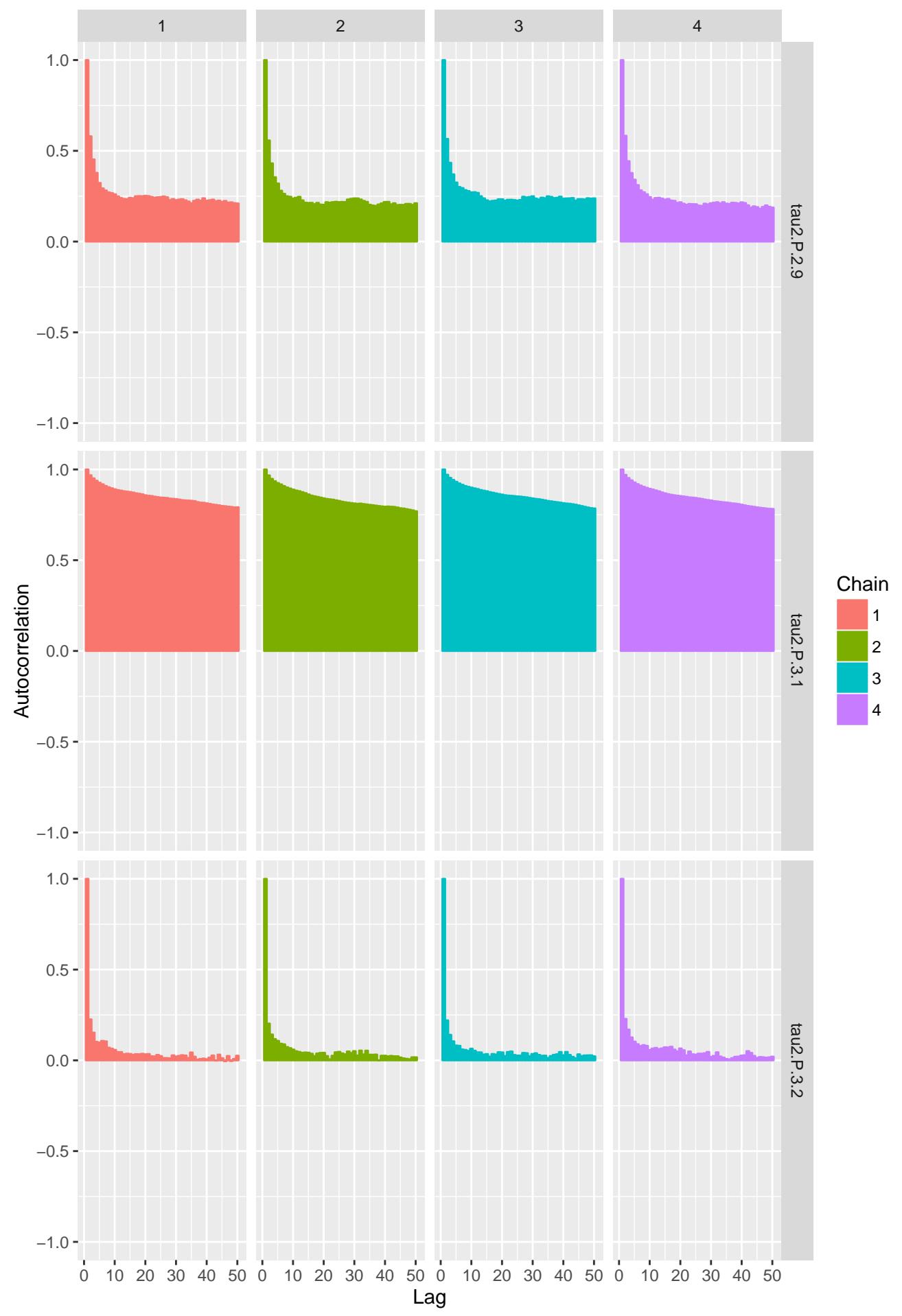


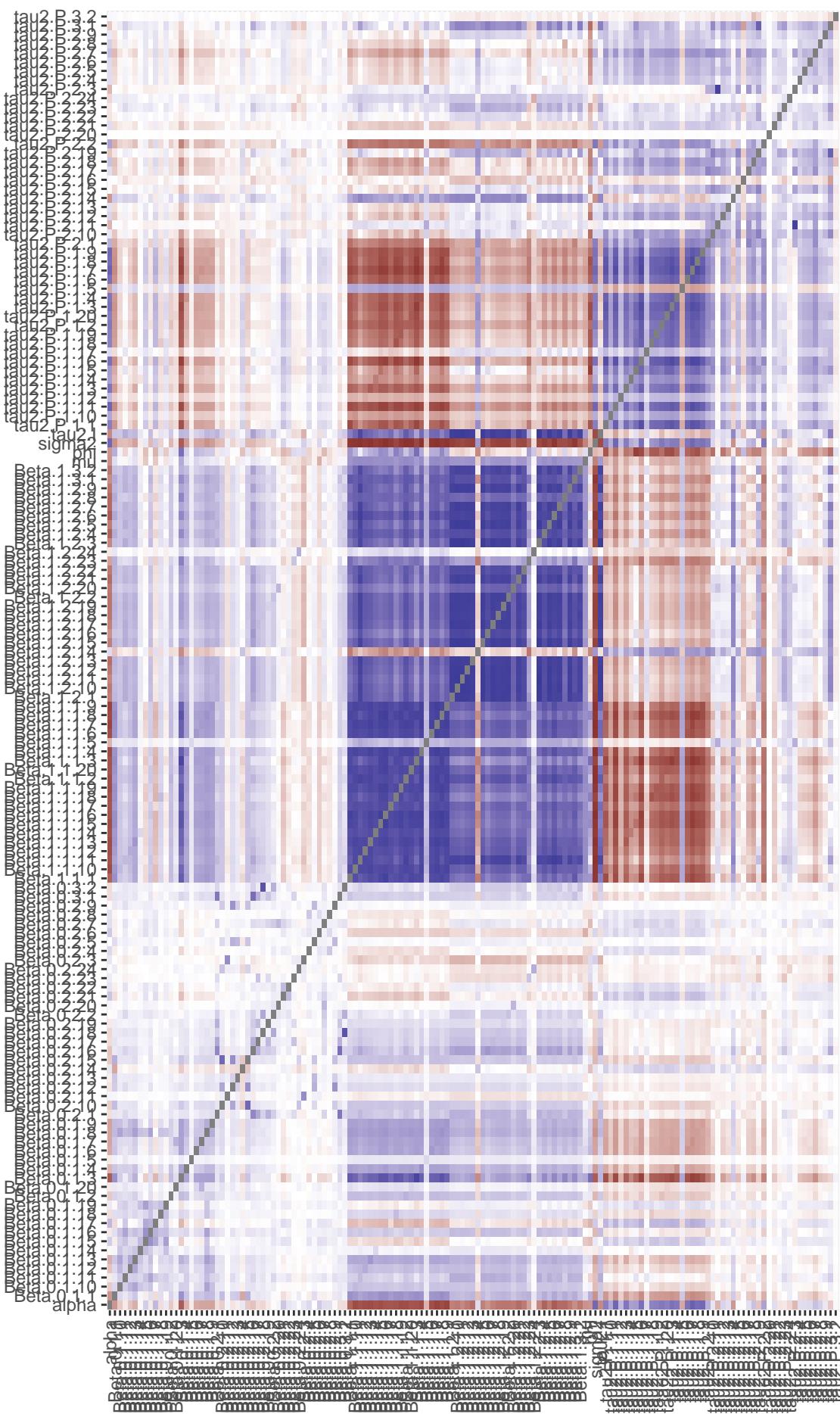




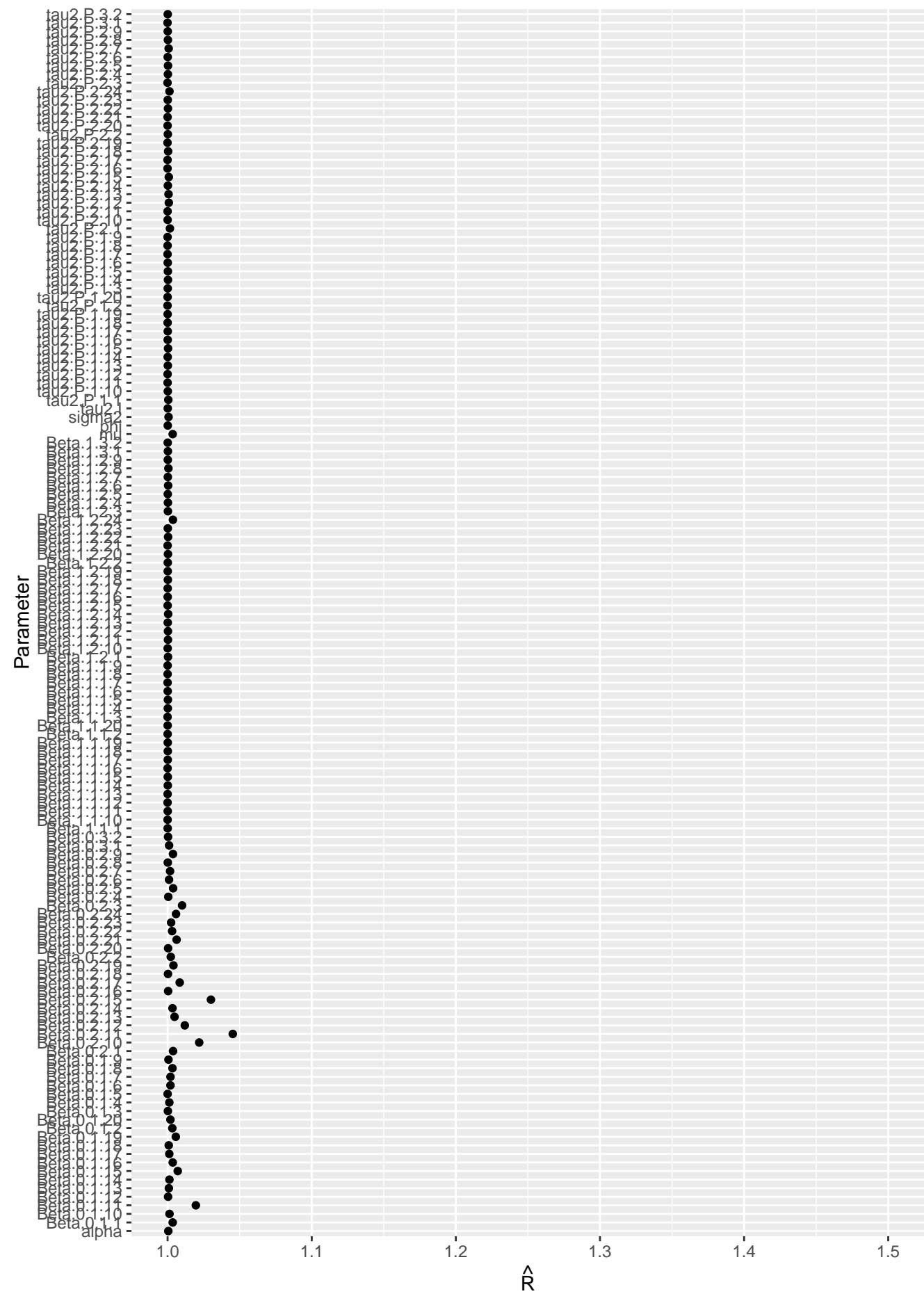








# Potential Scale Reduction Factors



# Geweke Diagnostics

