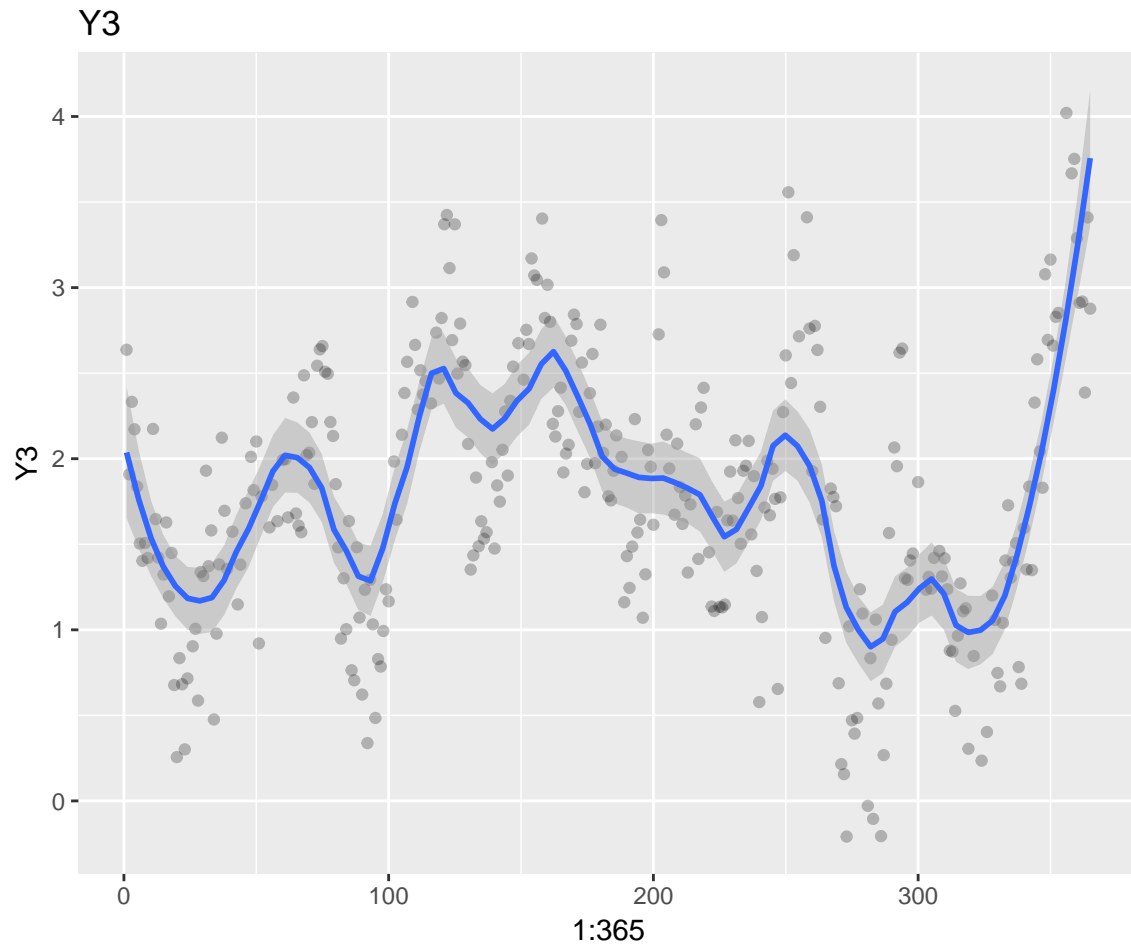


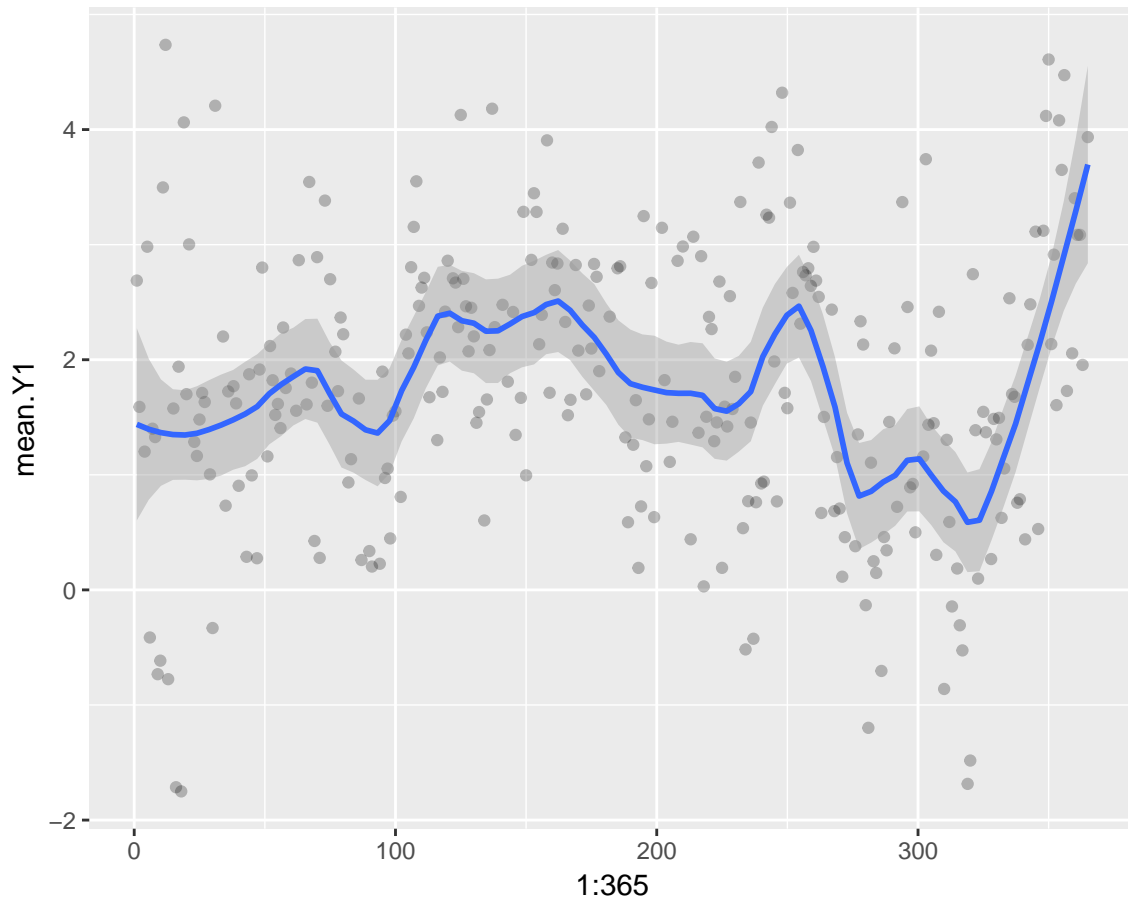
# Applied Bayesian Analysis : NCSU ST 540

Midterm2

*Bruce Campbell*



Row Means Y1



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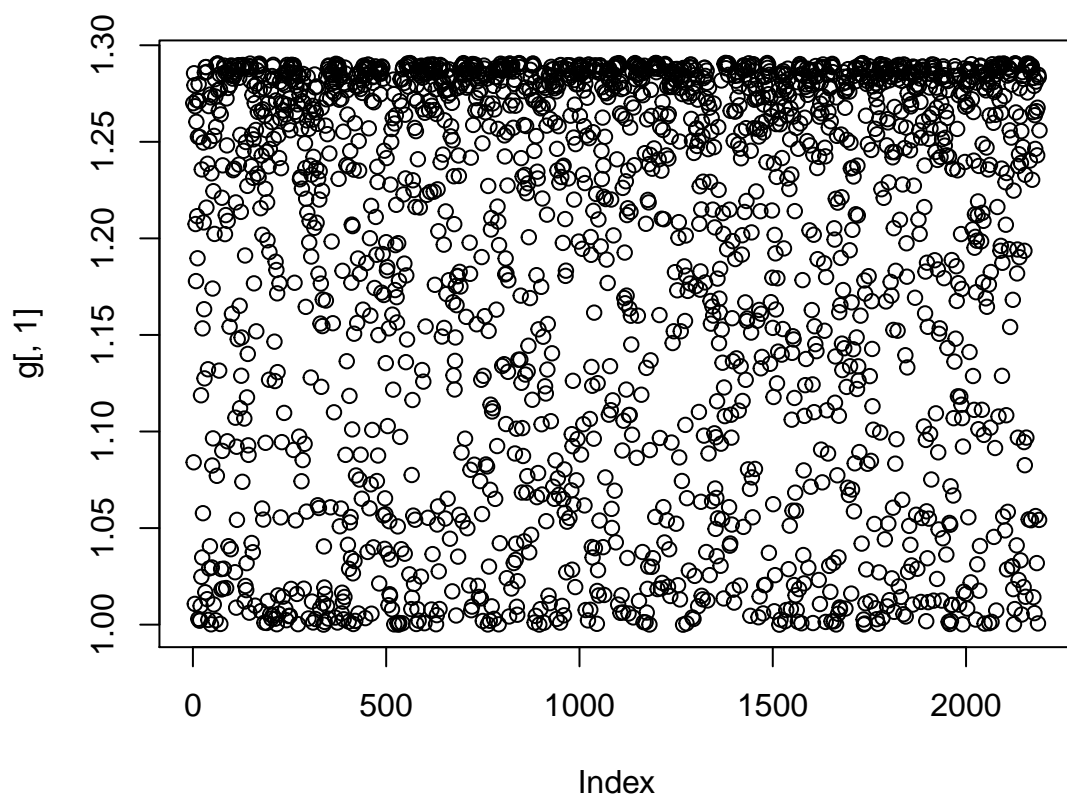
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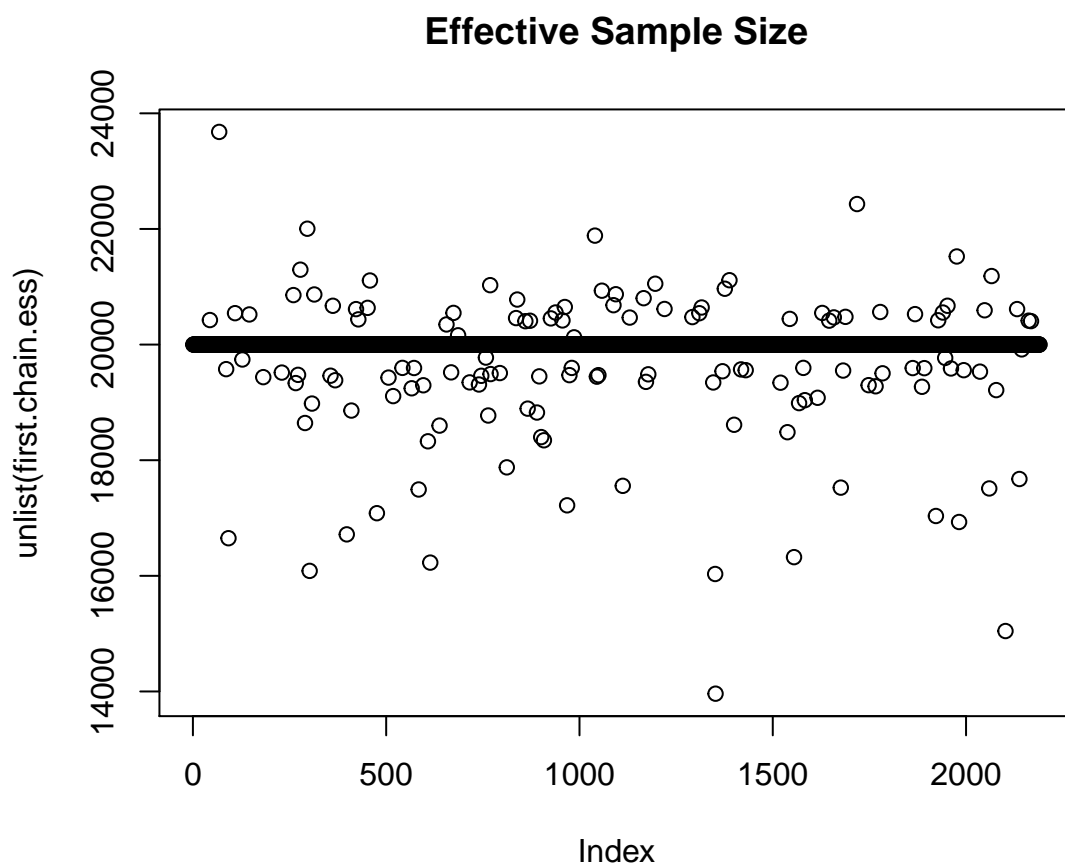
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## Gelman–Rubin





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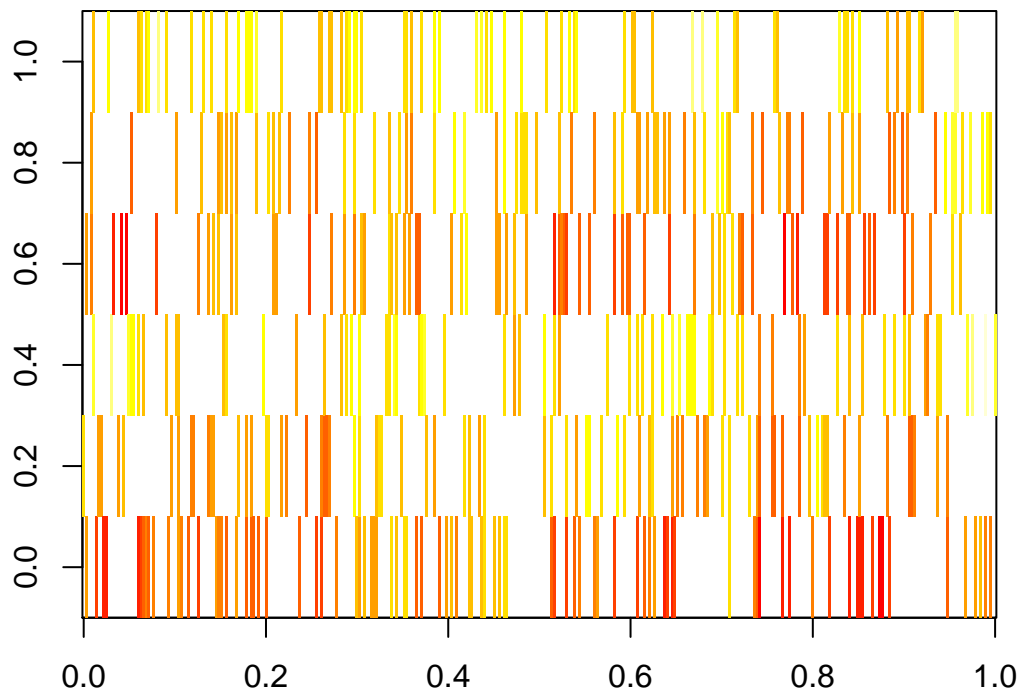
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## [1] "Y1pred[344,5]"
## [1] "Y1pred[344,6]"
## [1] "Y1pred[345,1]"
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## [1] "Y1pred[347,6]"
## [1] "Y1pred[348,1]"
## [1] "Y1pred[348,2]"
```

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## [1] "Y1pred[348,3]"
## [1] "Y1pred[348,4]"
## [1] "Y1pred[348,5]"
## [1] "Y1pred[348,6]"
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## [1] "Y1pred[349,4]"
## [1] "Y1pred[349,5]"
## [1] "Y1pred[349,6]"
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## [1] "Y1pred[350,4]"
## [1] "Y1pred[350,5]"
## [1] "Y1pred[350,6]"
## [1] "Y1pred[351,1]"
## [1] "Y1pred[351,2]"
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## [1] "Y1pred[351,5]"
## [1] "Y1pred[351,6]"
## [1] "Y1pred[352,1]"
## [1] "Y1pred[352,2]"
## [1] "Y1pred[352,3]"
## [1] "Y1pred[352,4]"
## [1] "Y1pred[352,5]"
## [1] "Y1pred[352,6]"
## [1] "Y1pred[353,1]"
## [1] "Y1pred[353,2]"
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## [1] "Y1pred[353,5]"
## [1] "Y1pred[353,6]"
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## [1] "Y1pred[354,6]"
## [1] "Y1pred[355,1]"
## [1] "Y1pred[355,2]"
## [1] "Y1pred[355,3]"
## [1] "Y1pred[355,4]"
## [1] "Y1pred[355,5]"
## [1] "Y1pred[355,6]"
## [1] "Y1pred[356,1]"
## [1] "Y1pred[356,2]"
```

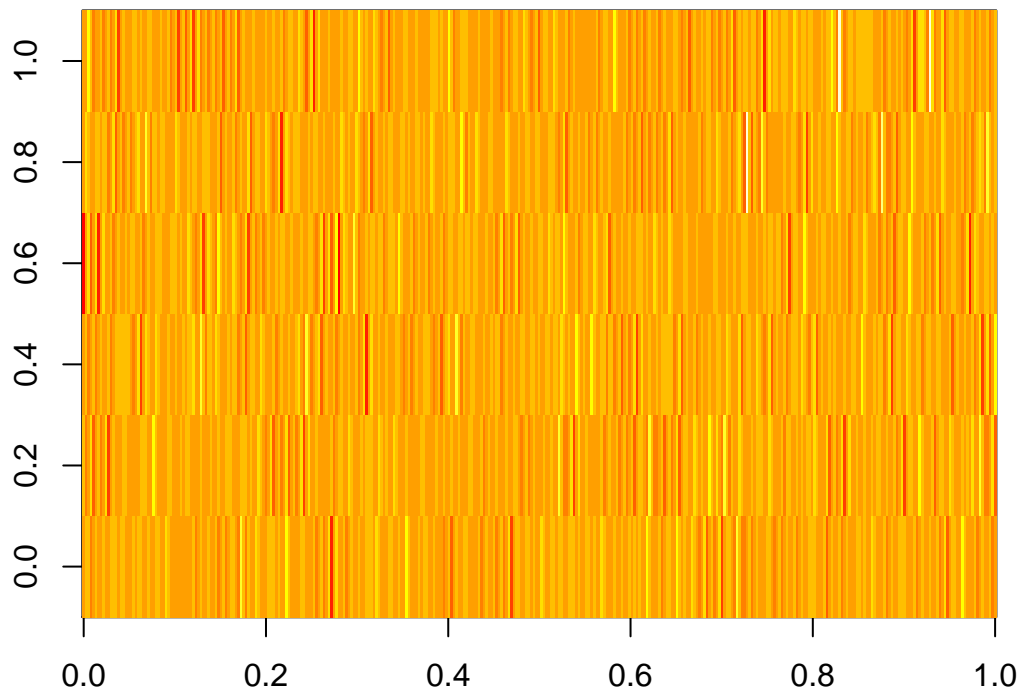
```
## [1] "Y1pred[356,3]"
## [1] "Y1pred[356,4]"
## [1] "Y1pred[356,5]"
## [1] "Y1pred[356,6]"
## [1] "Y1pred[357,1]"
## [1] "Y1pred[357,2]"
## [1] "Y1pred[357,3]"
## [1] "Y1pred[357,4]"
## [1] "Y1pred[357,5]"
## [1] "Y1pred[357,6]"
## [1] "Y1pred[358,1]"
## [1] "Y1pred[358,2]"
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## [1] "Y1pred[358,5]"
## [1] "Y1pred[358,6]"
## [1] "Y1pred[359,1]"
## [1] "Y1pred[359,2]"
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## [1] "Y1pred[359,4]"
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## [1] "Y1pred[359,6]"
## [1] "Y1pred[360,1]"
## [1] "Y1pred[360,2]"
## [1] "Y1pred[360,3]"
## [1] "Y1pred[360,4]"
## [1] "Y1pred[360,5]"
## [1] "Y1pred[360,6]"
## [1] "Y1pred[361,1]"
## [1] "Y1pred[361,2]"
## [1] "Y1pred[361,3]"
## [1] "Y1pred[361,4]"
## [1] "Y1pred[361,5]"
## [1] "Y1pred[361,6]"
## [1] "Y1pred[362,1]"
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## [1] "Y1pred[363,5]"
## [1] "Y1pred[363,6]"
## [1] "Y1pred[364,1]"
## [1] "Y1pred[364,2]"
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## [1] "Y1pred[364,3]"
## [1] "Y1pred[364,4]"
## [1] "Y1pred[364,5]"
## [1] "Y1pred[364,6]"
## [1] "Y1pred[365,1]"
## [1] "Y1pred[365,2]"
## [1] "Y1pred[365,3]"
## [1] "Y1pred[365,4]"
## [1] "Y1pred[365,5]"
## [1] "Y1pred[365,6]"
```

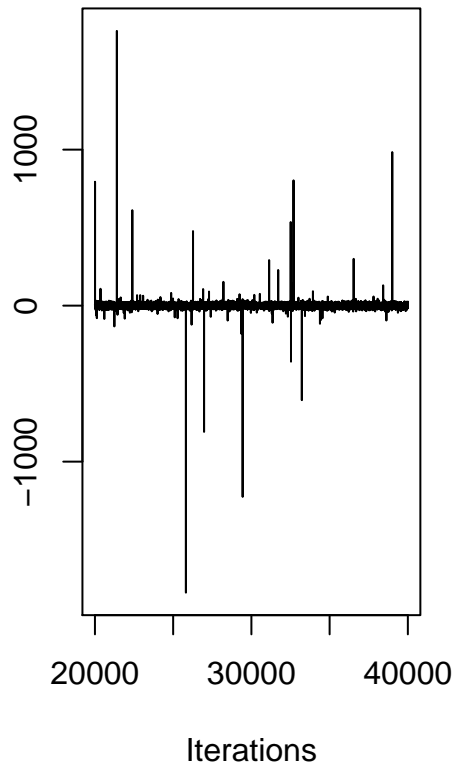
**Y1**



## Imputed



**Trace of var1**



**Density of var1**

