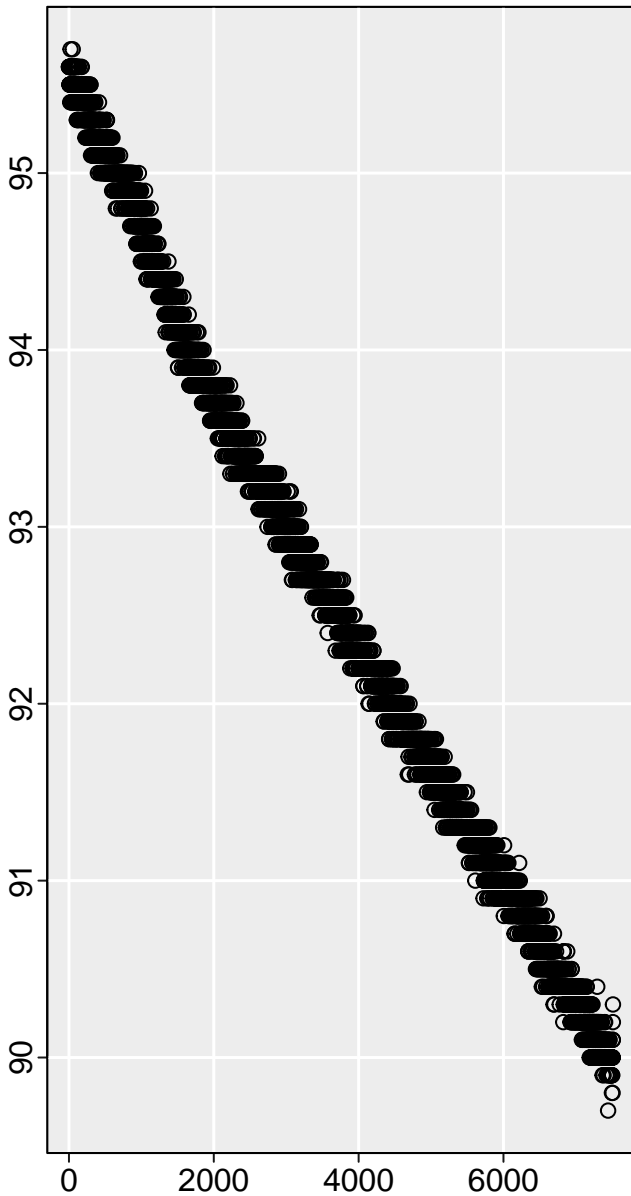
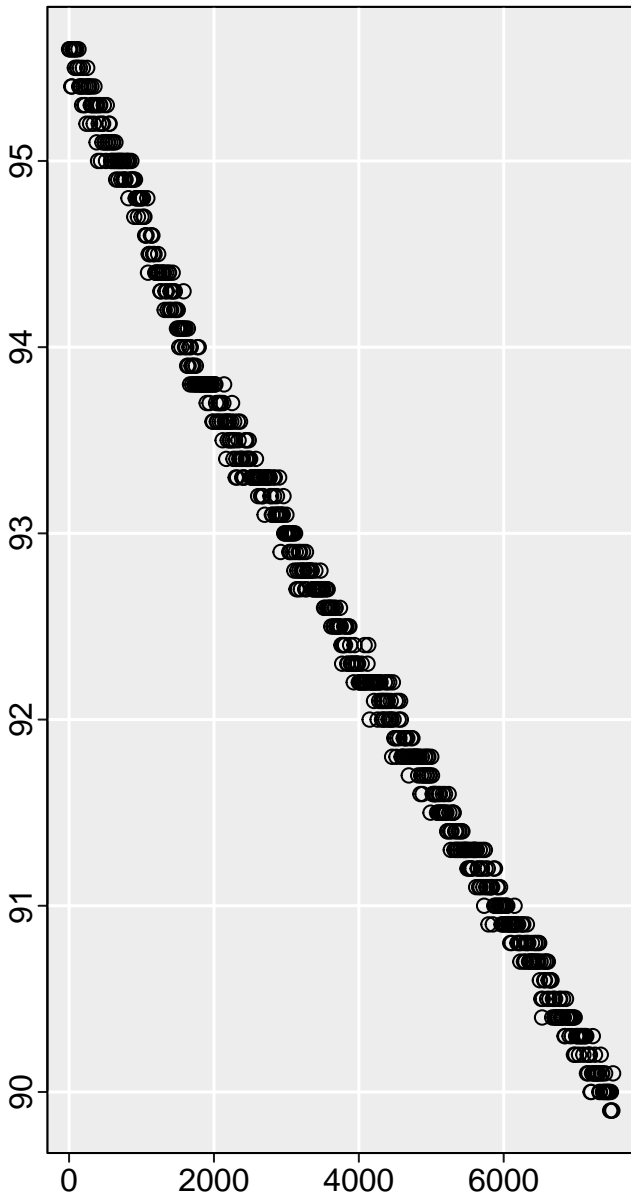


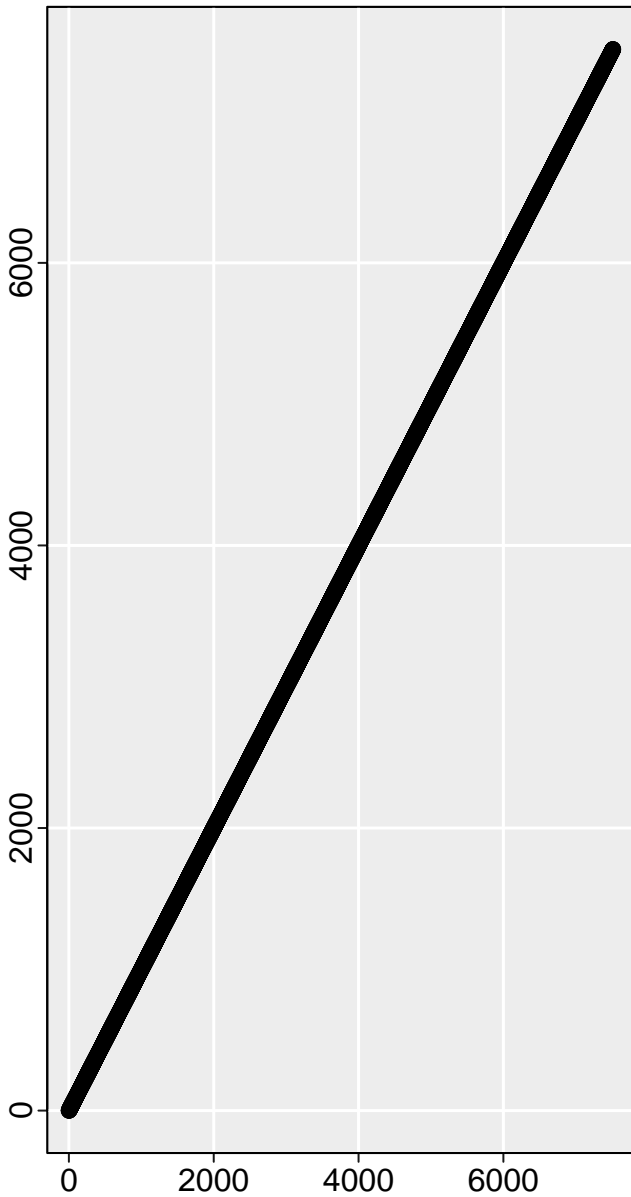
Full Data



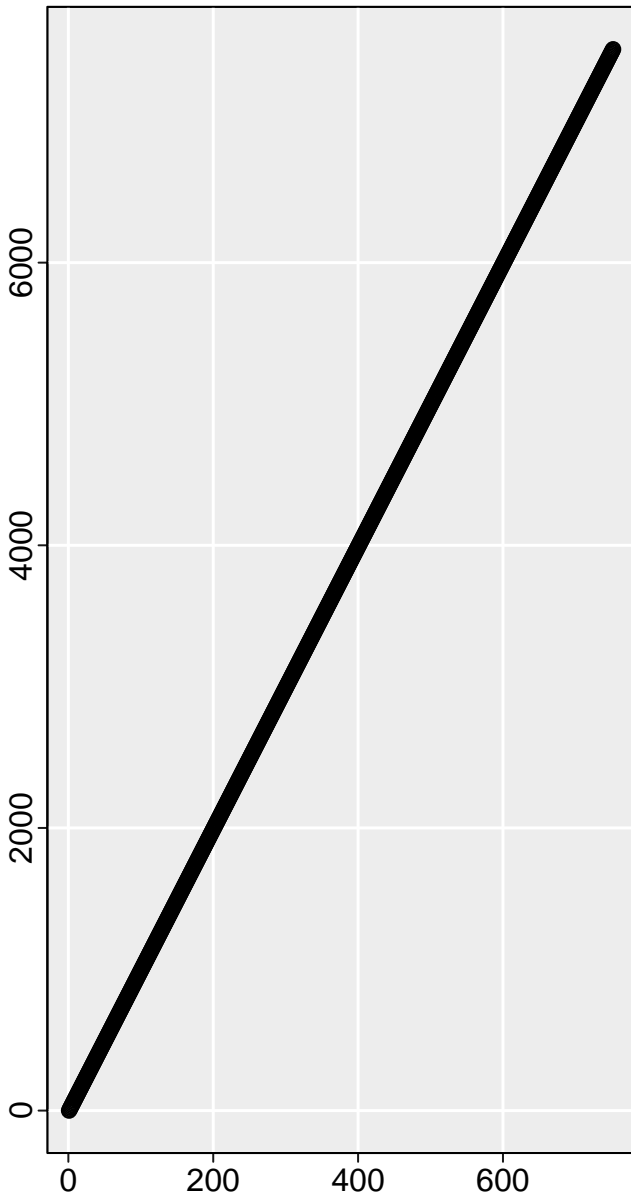
Subsample Data



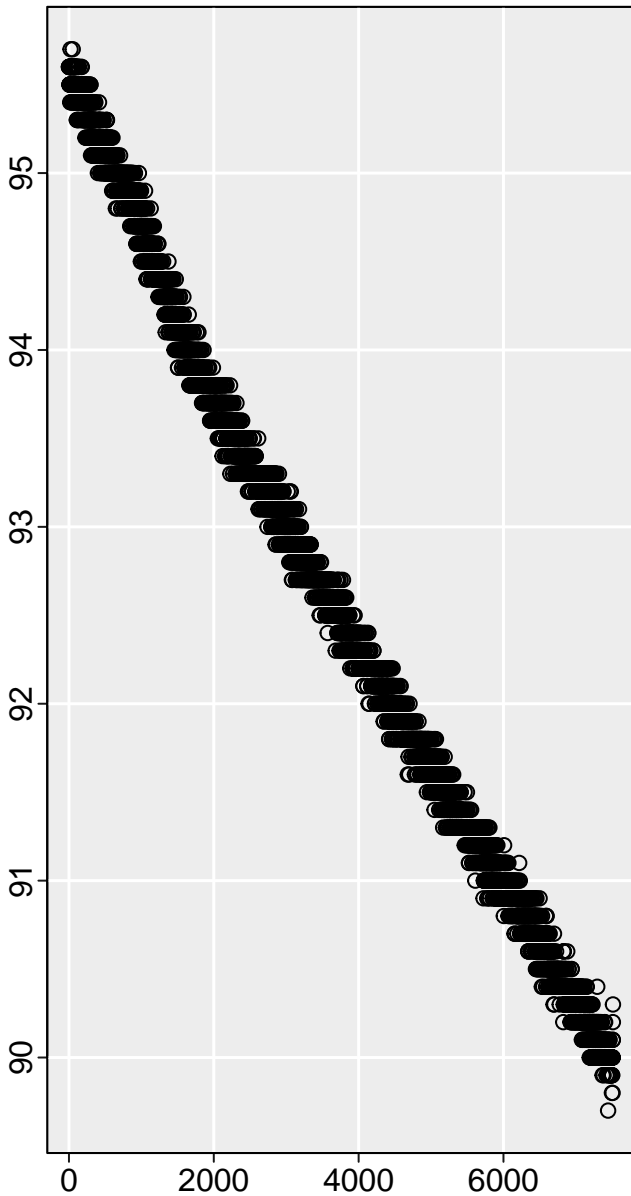
Full Data



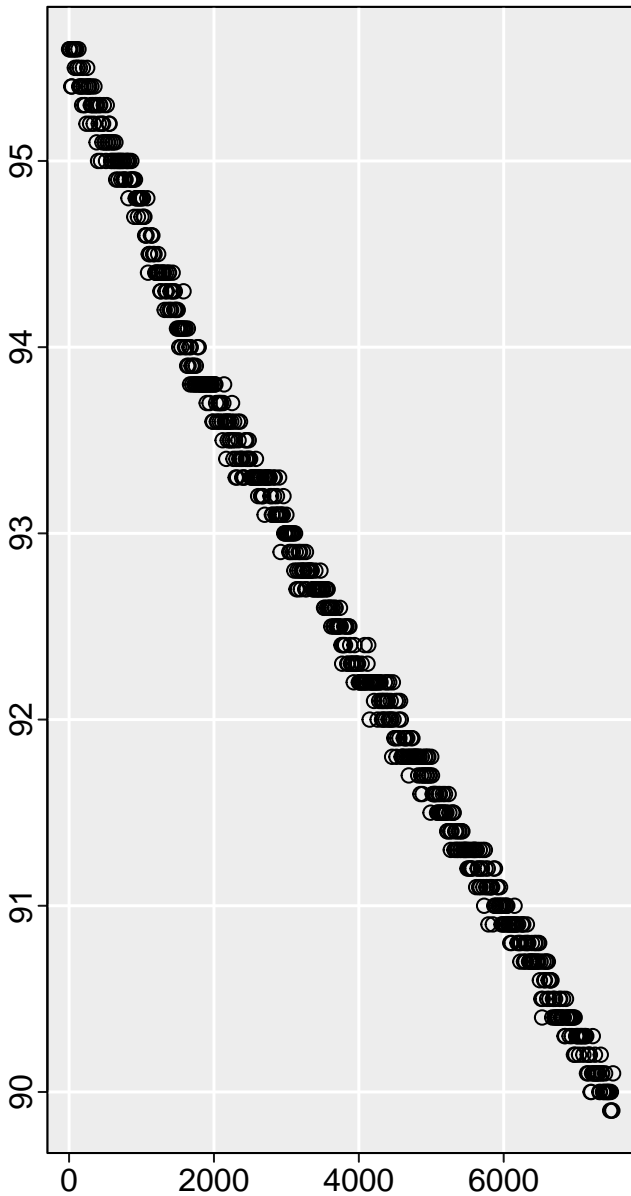
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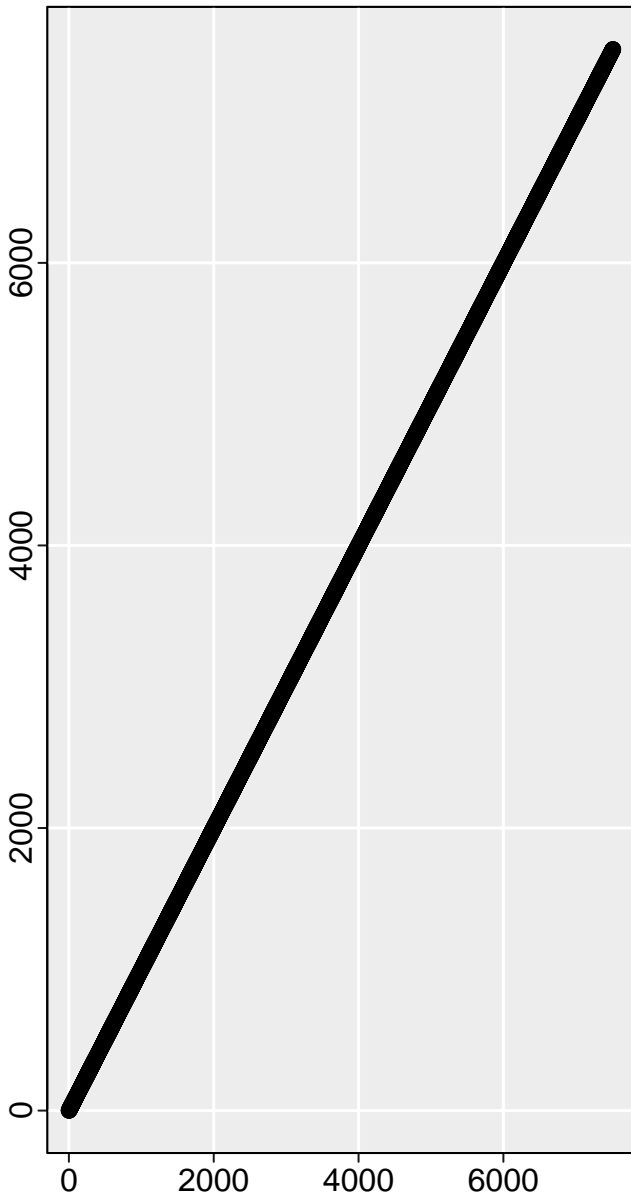
Full Data



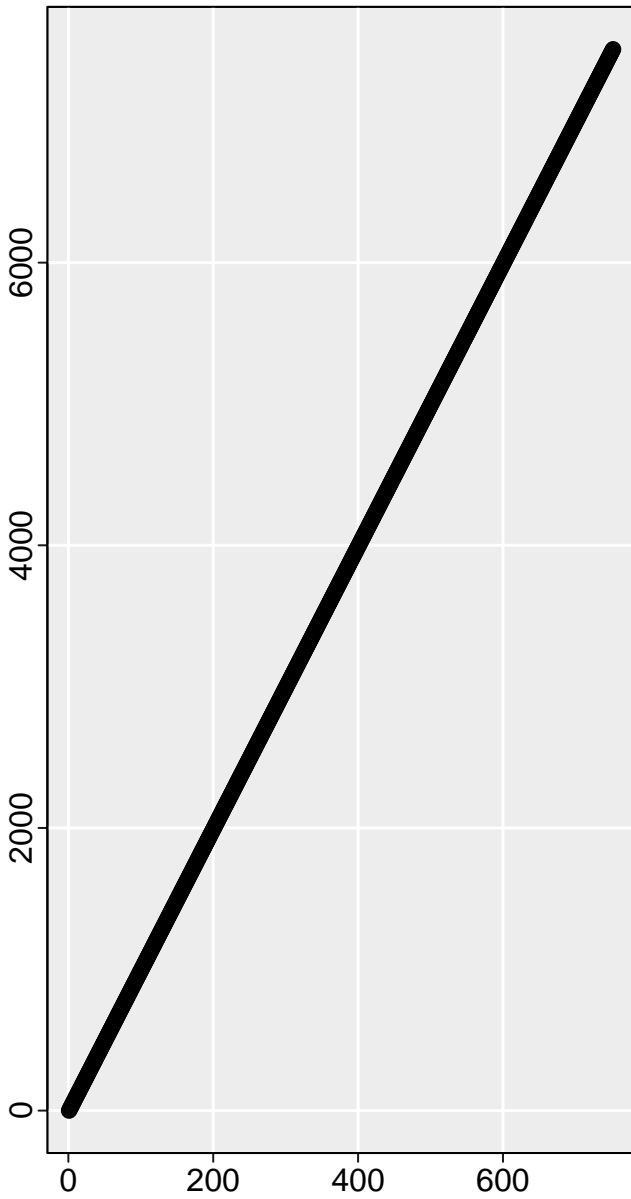
Subsample Data



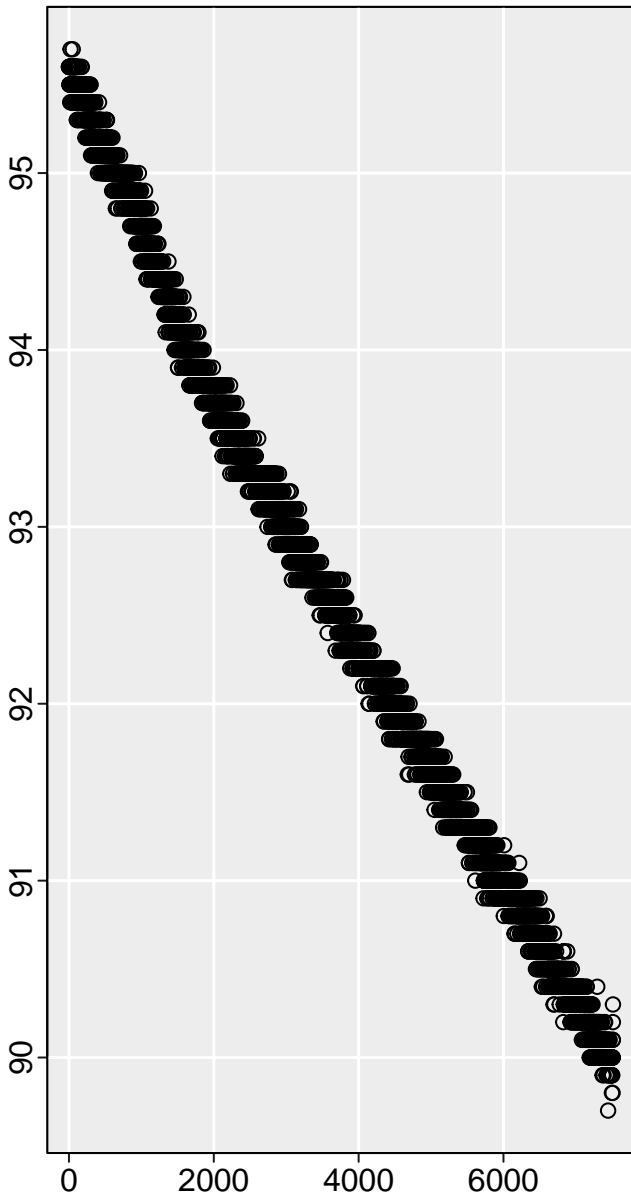
Full Data



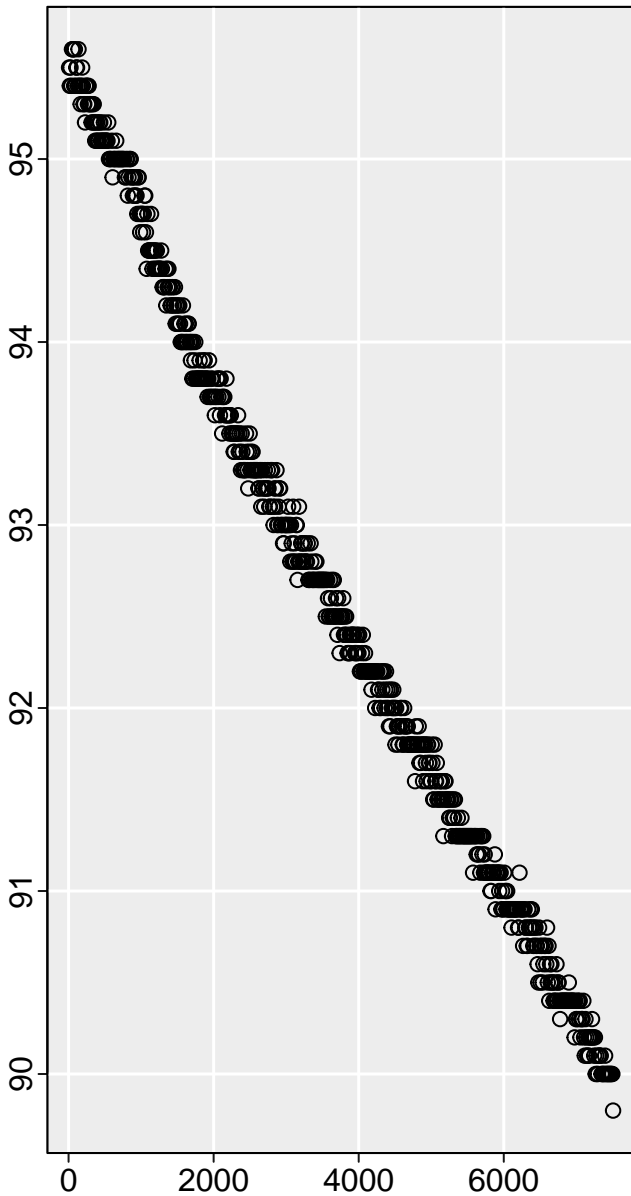
Subsample Data



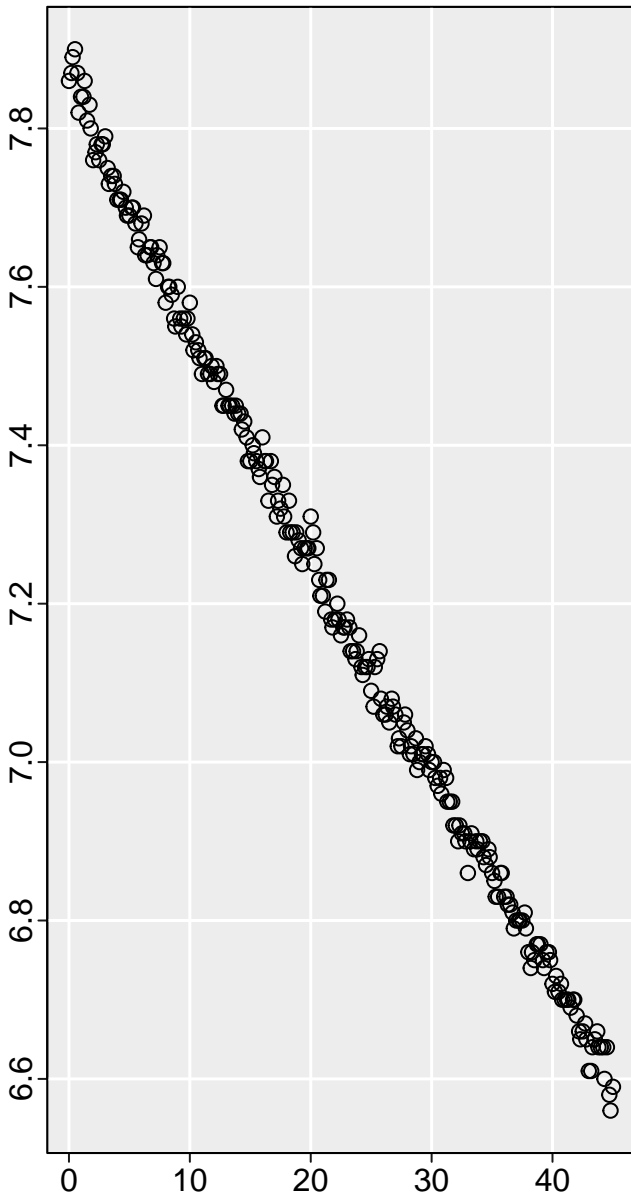
Full Data



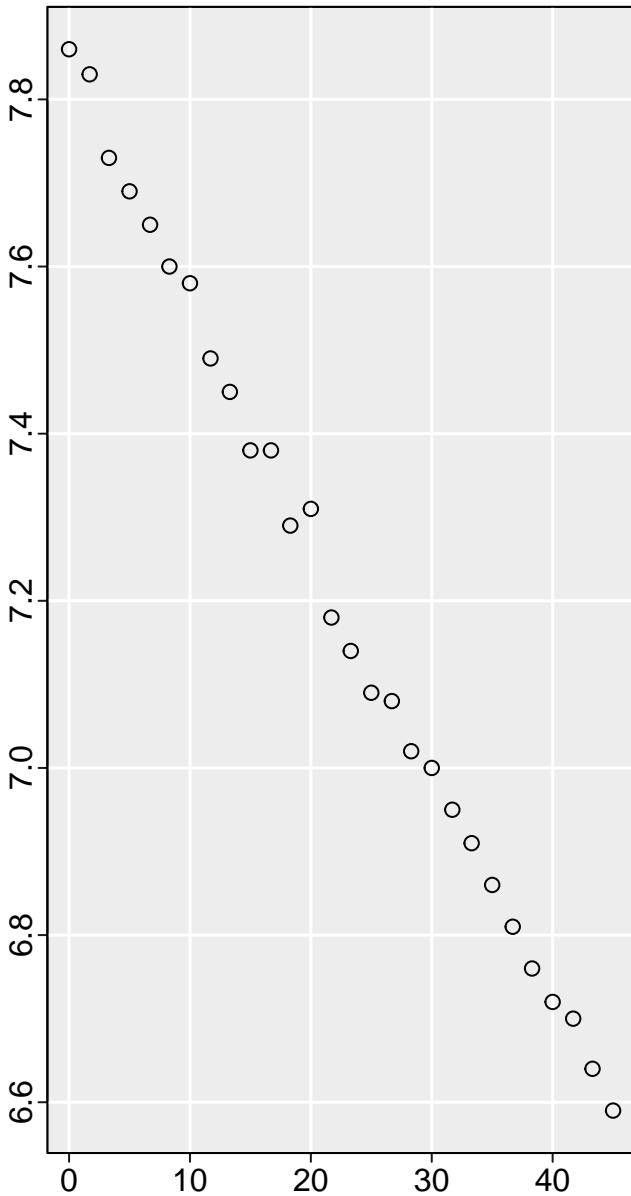
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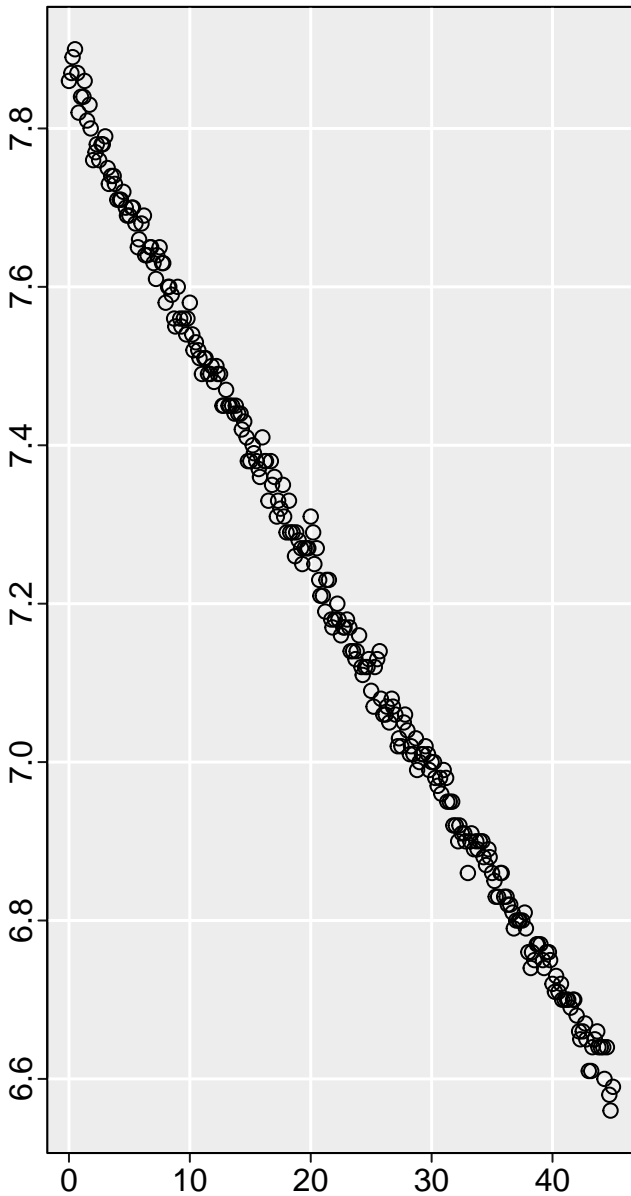
Full Data



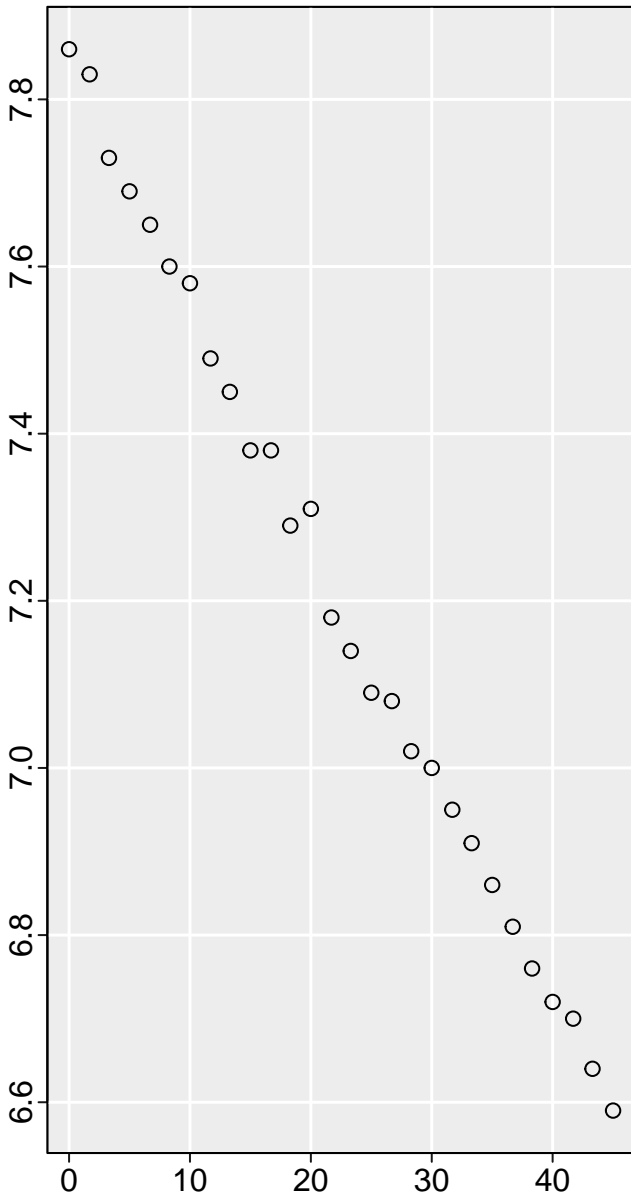
Subsample Data



Full Data

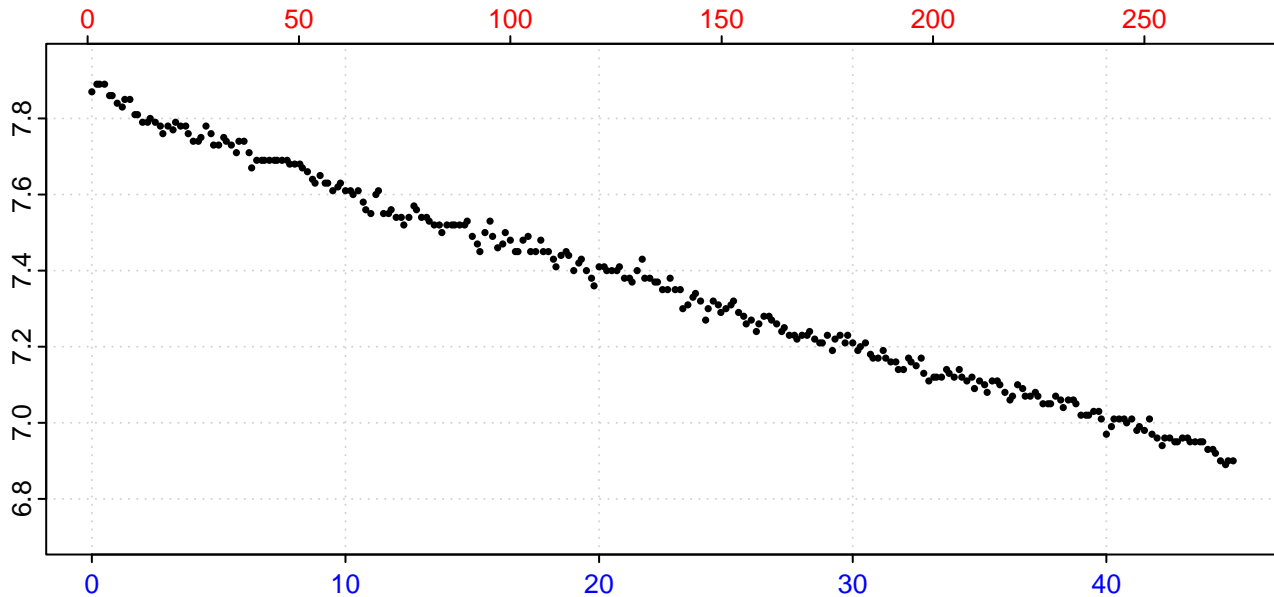


Subsample Data

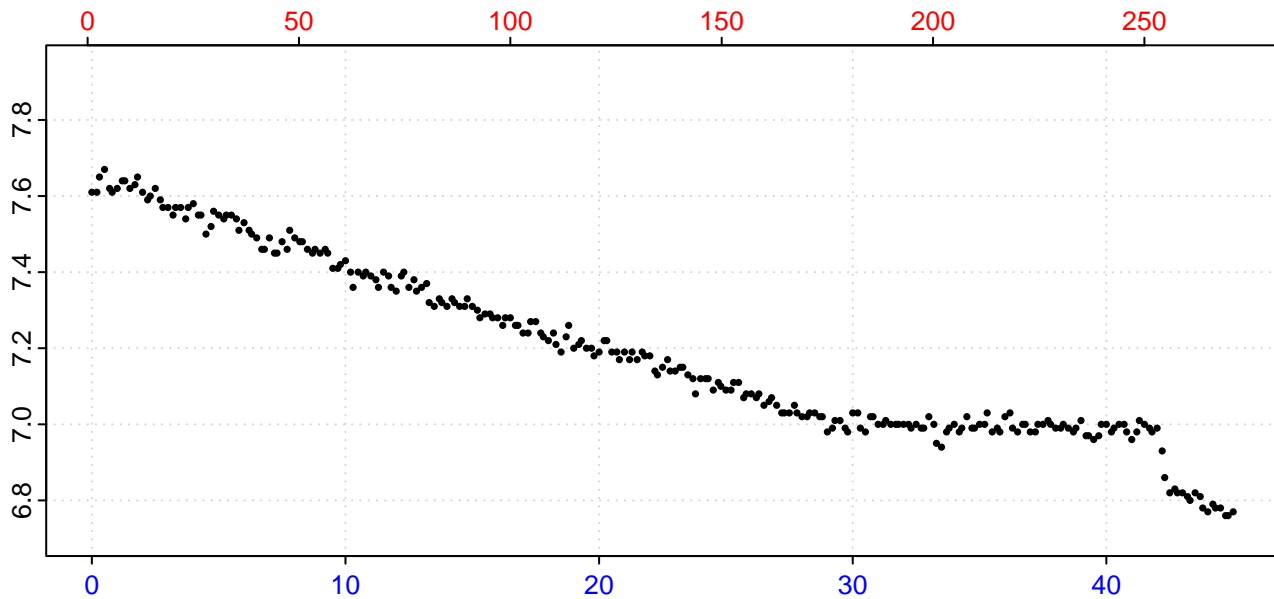


inspect: Inspecting Selected Columns

Column: m



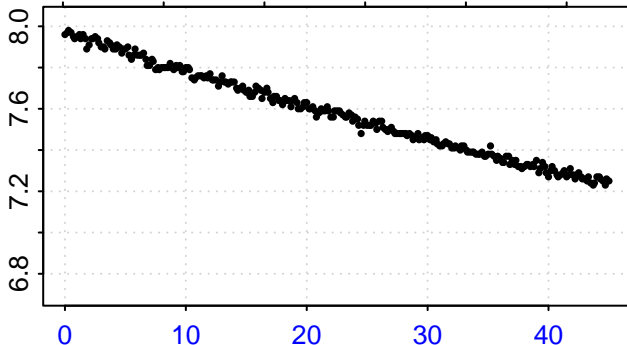
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inspect: Inspecting Selected Columns

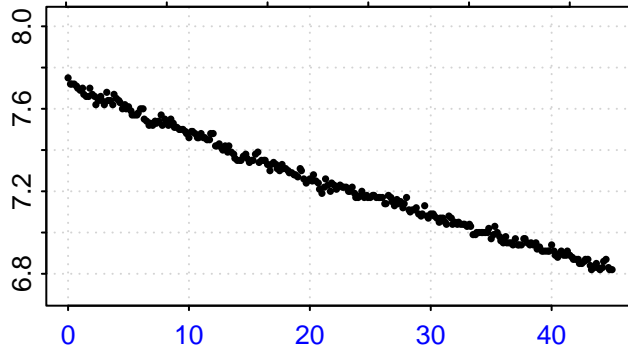
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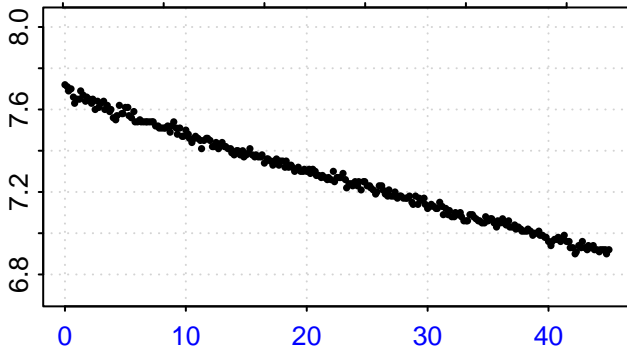
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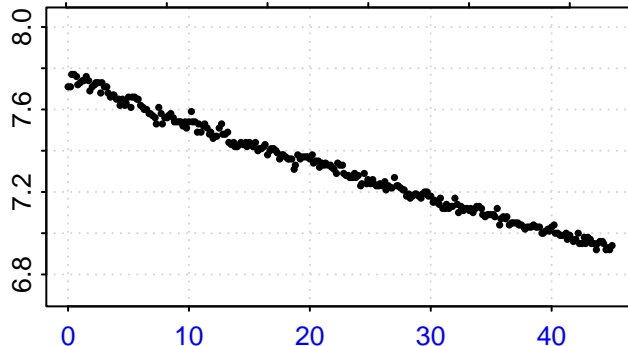
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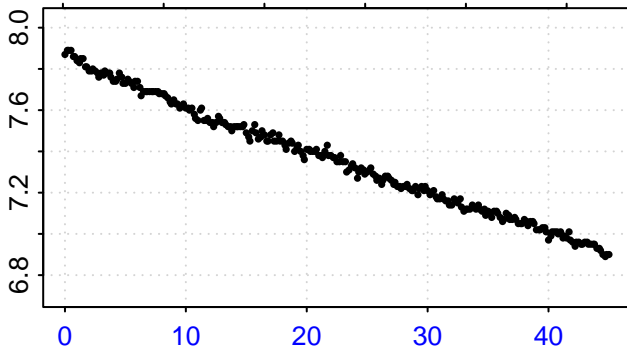
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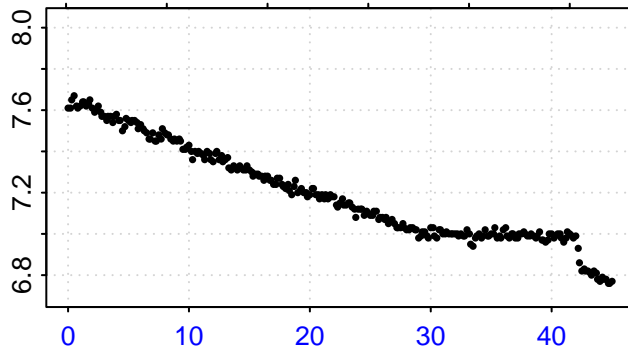
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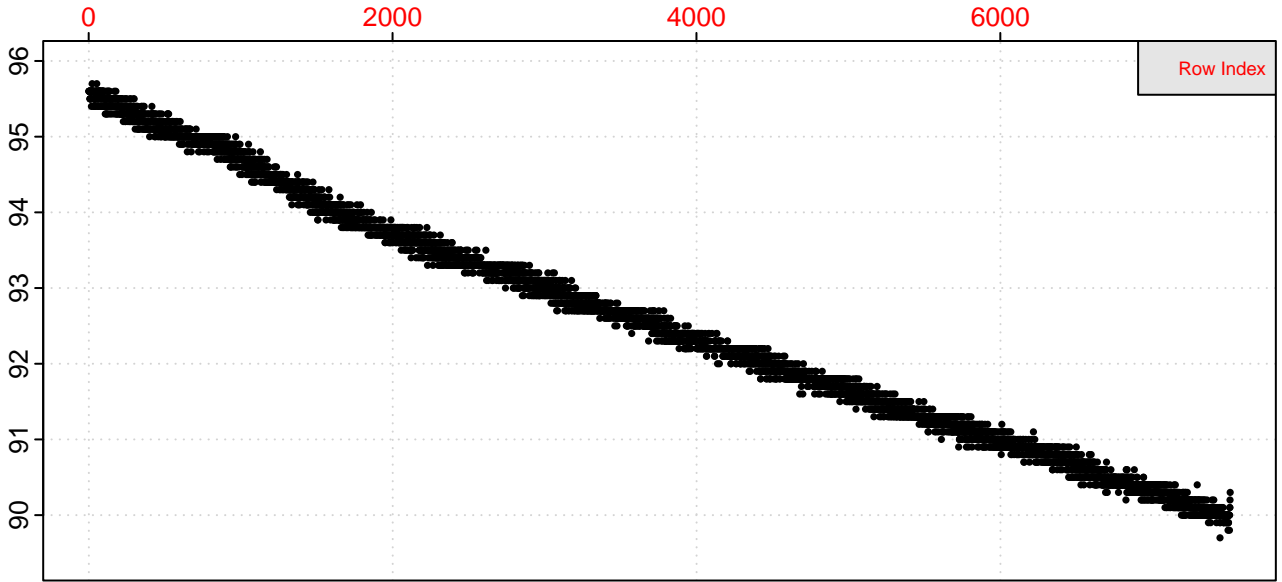


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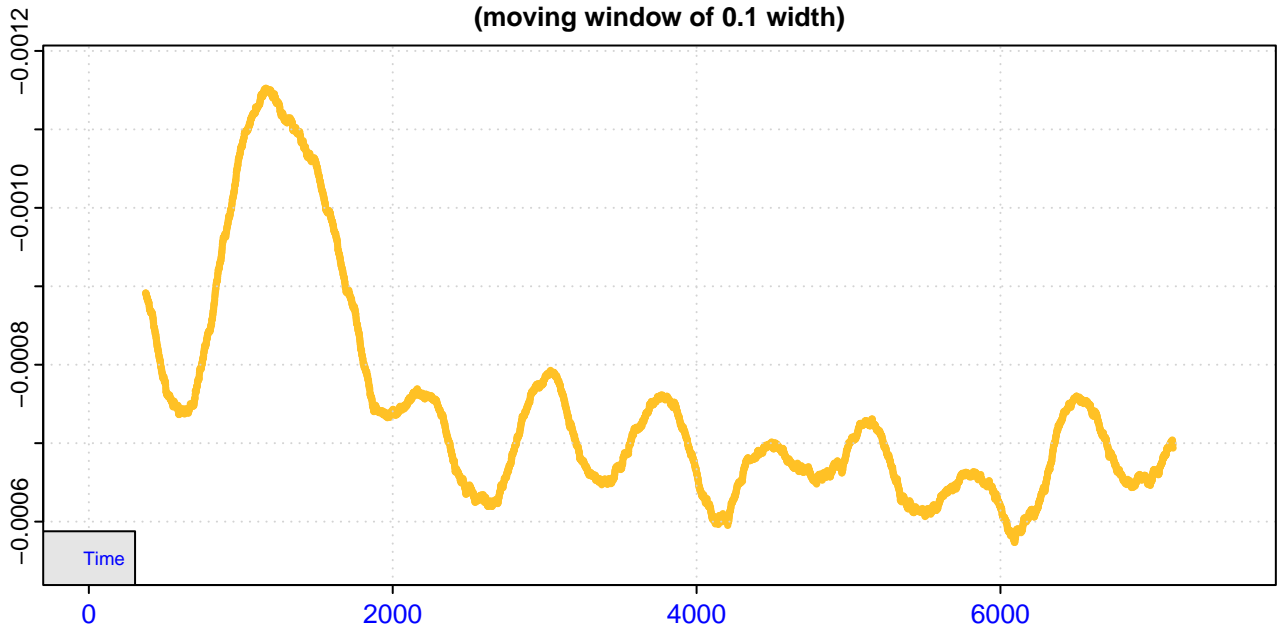
0 50 100 150 200 250



Full Timeseries

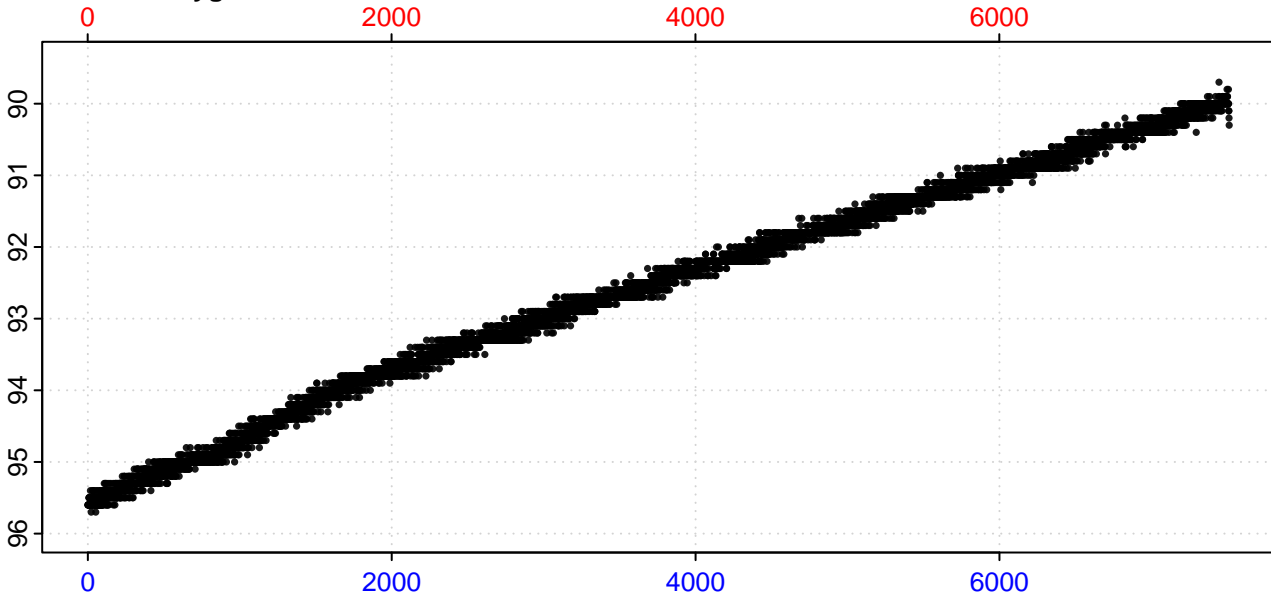


Rolling Rate (moving window of 0.1 width)

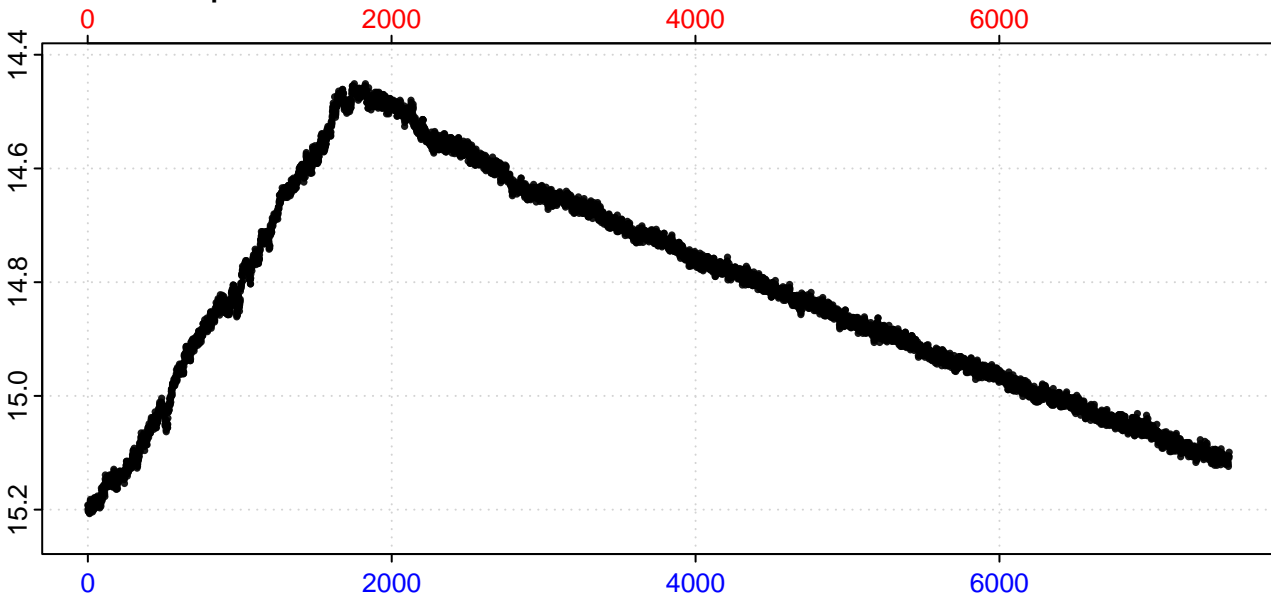


inspect.ft: Inspecting Selected Columns

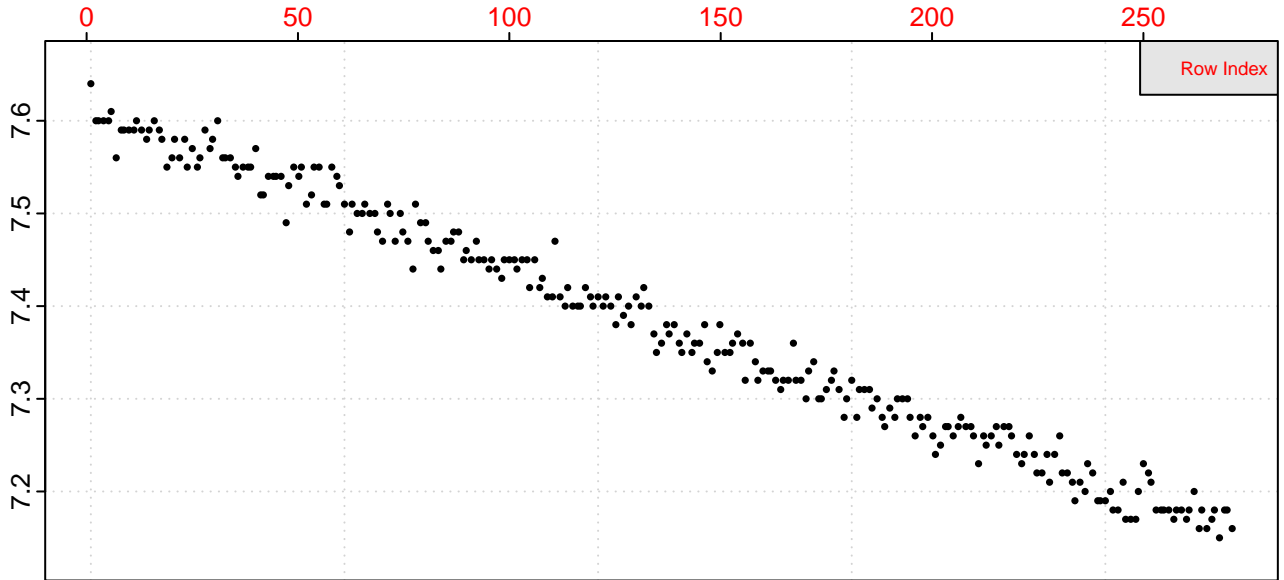
Column: Oxygen



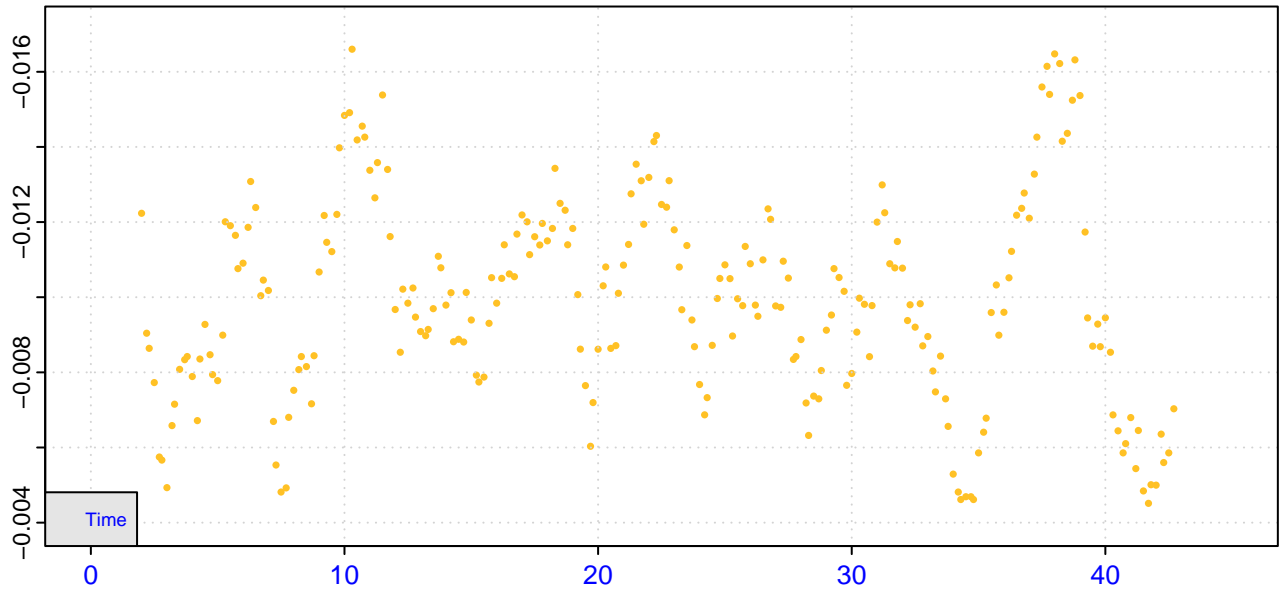
Column: Temperature



Full Timeseries

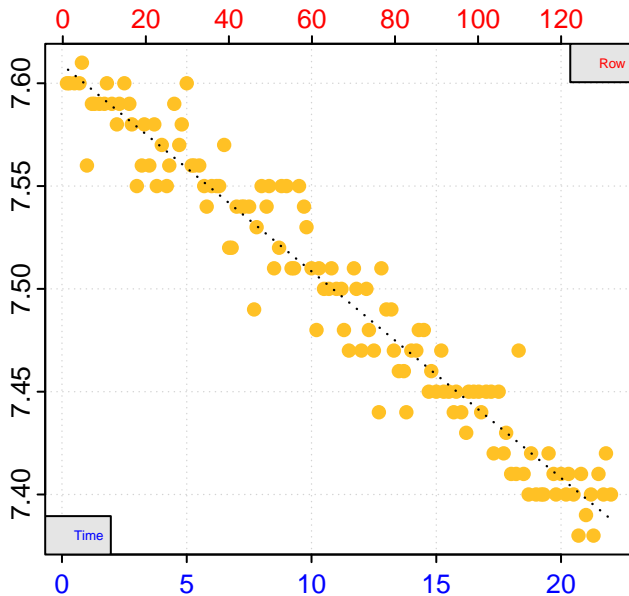


Rolling Rate (moving window of 0.1 width)

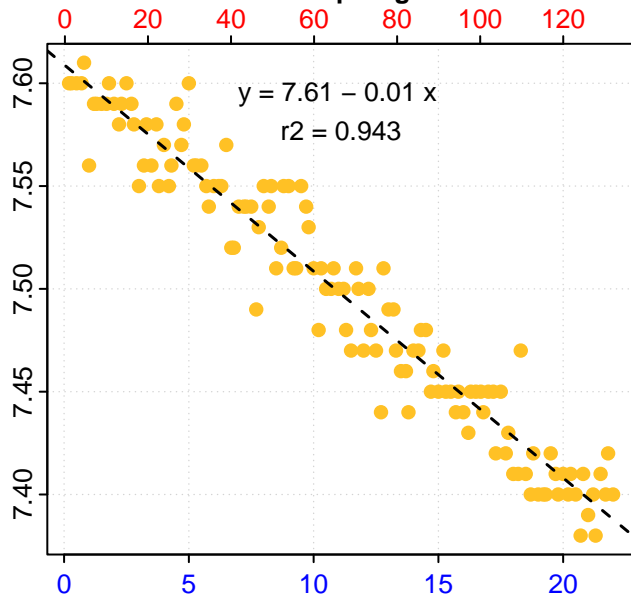


calc.rate: Rank 1 of 1 Total Rates

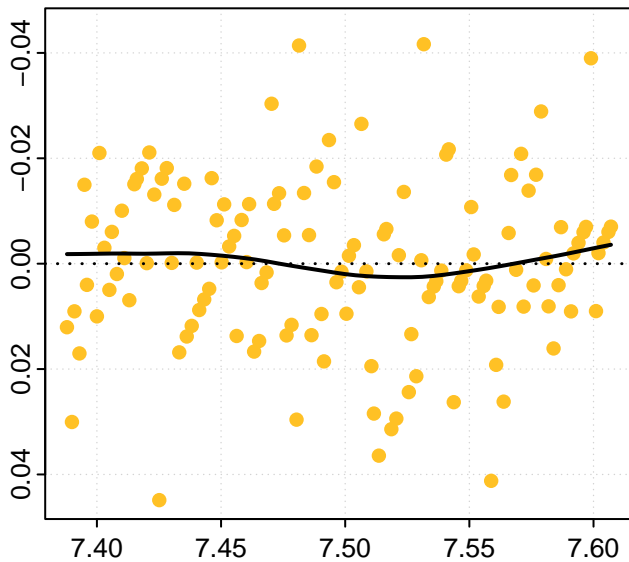
Full Timeseries



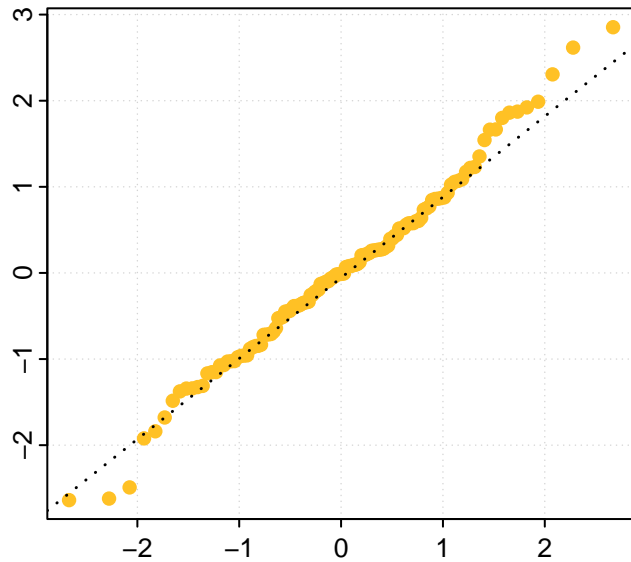
Close-up Region



Std. Residuals vs Fitted Values

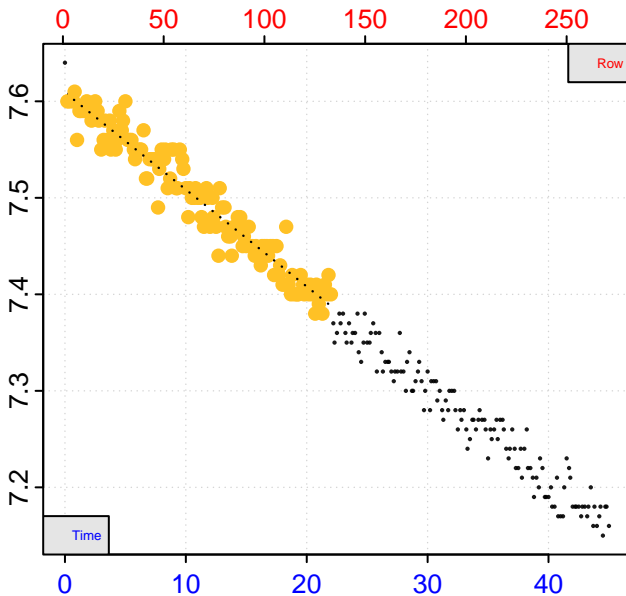


Theoretical Q. vs Std. Residuals

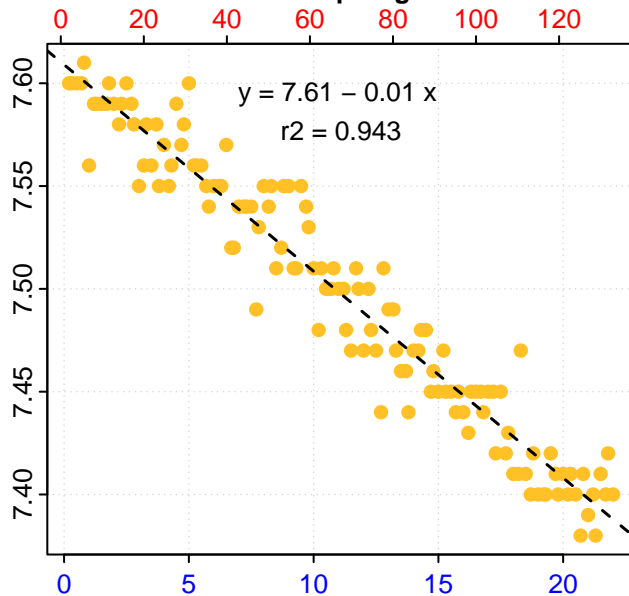


calc.rate: Rank 1 of 1 Total Rates

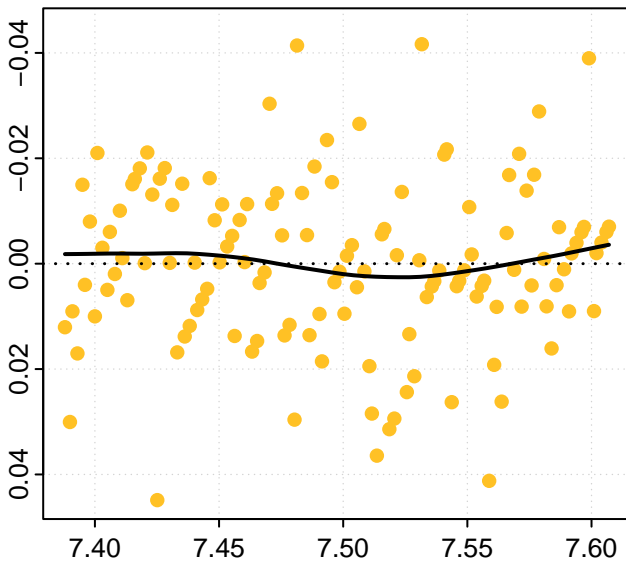
Full Timeseries



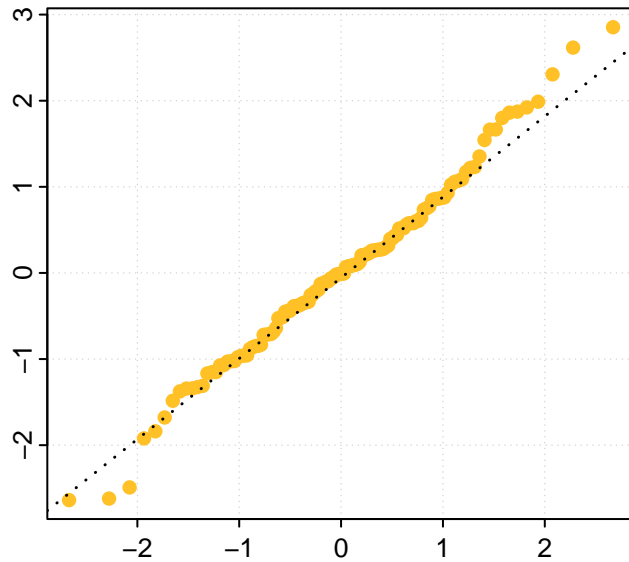
Close-up Region



Std. Residuals vs Fitted Values

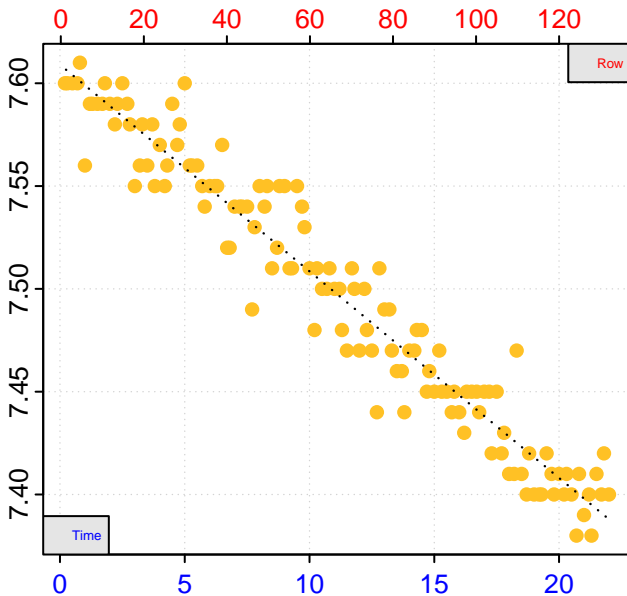


Theoretical Q. vs Std. Residuals

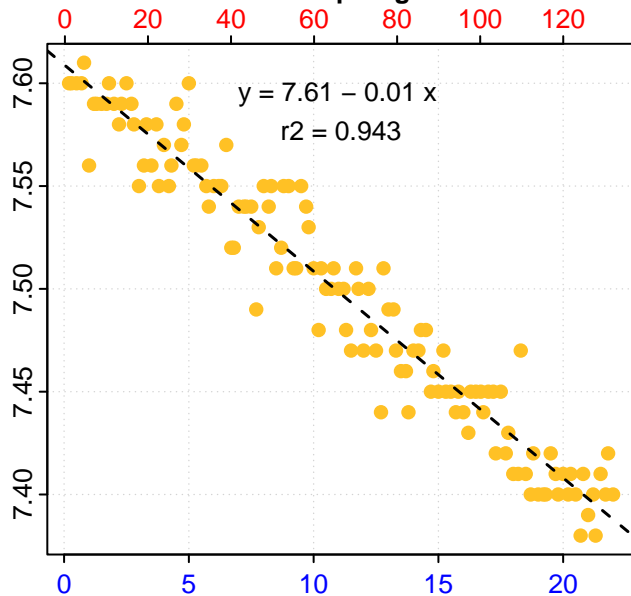


calc.rate: Rank 1 of 1 Total Rates

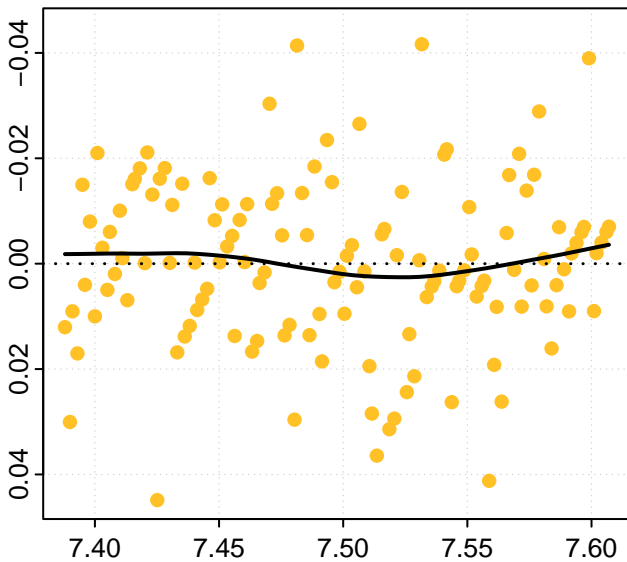
Full Timeseries



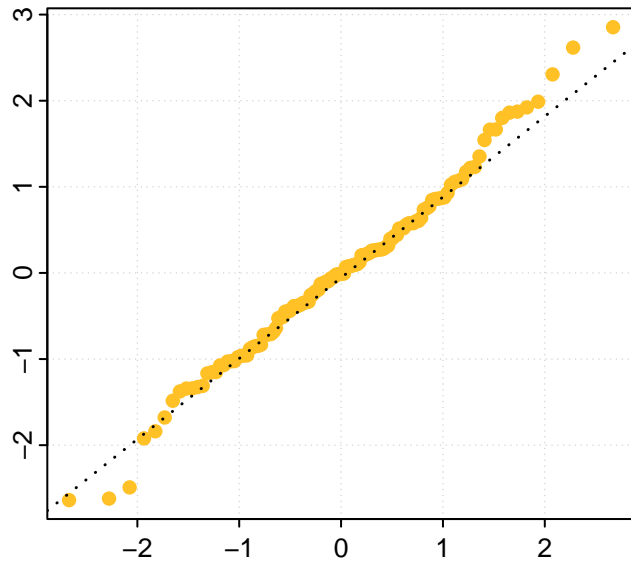
Close-up Region



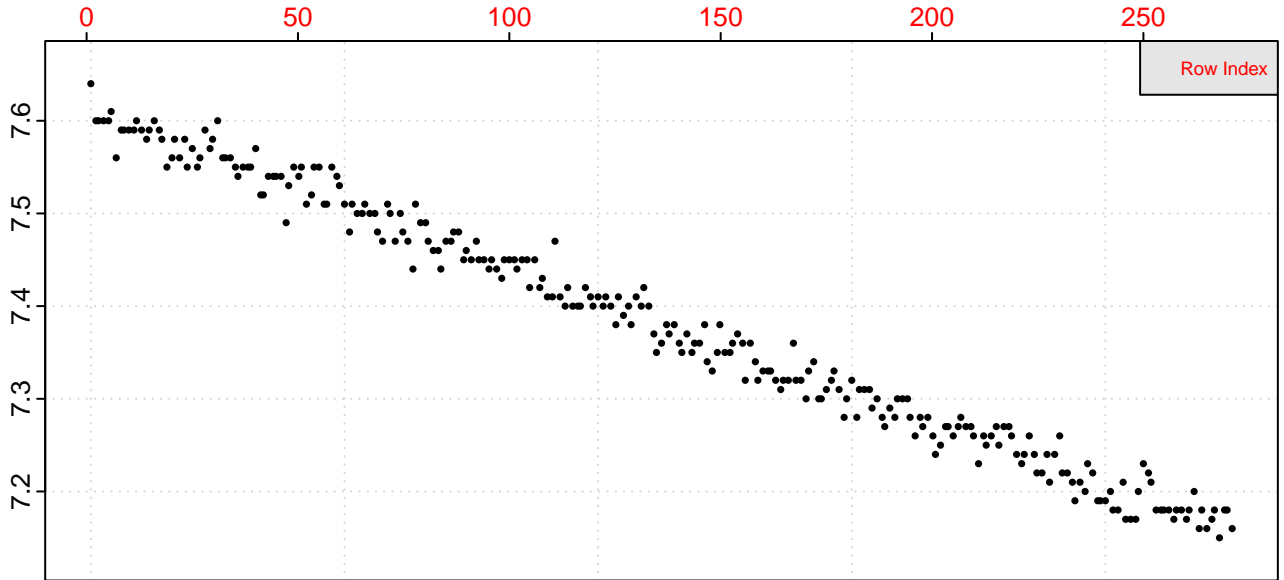
Std. Residuals vs Fitted Values



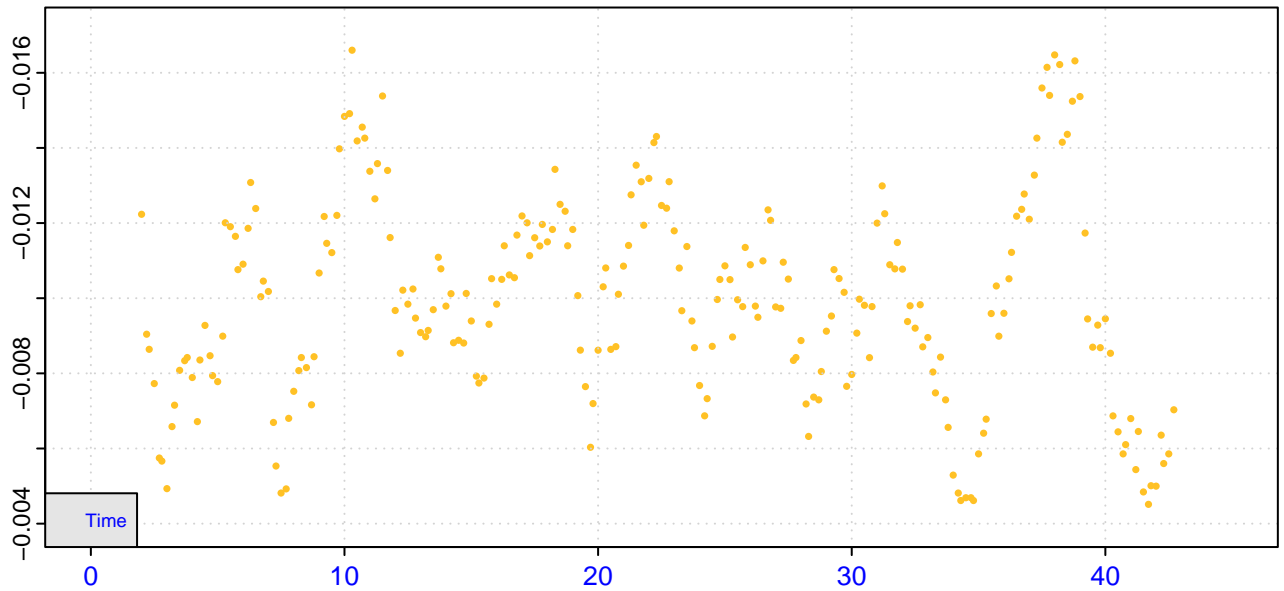
Theoretical Q. vs Std. Residuals



Full Timeseries

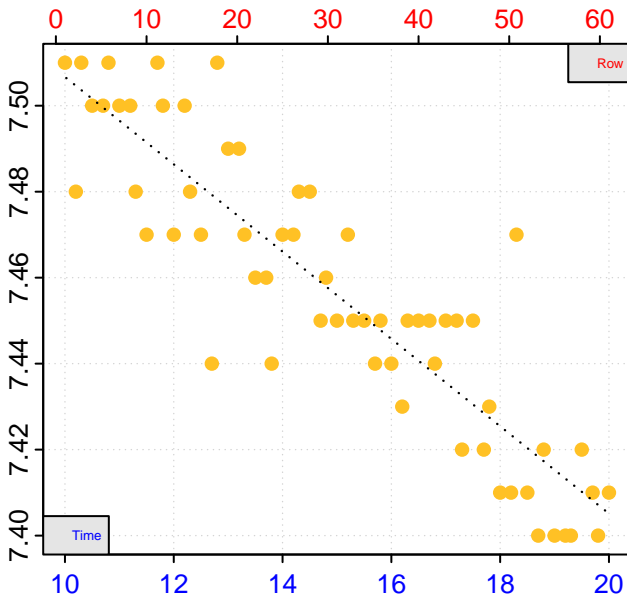


Rolling Rate (moving window of 0.1 width)

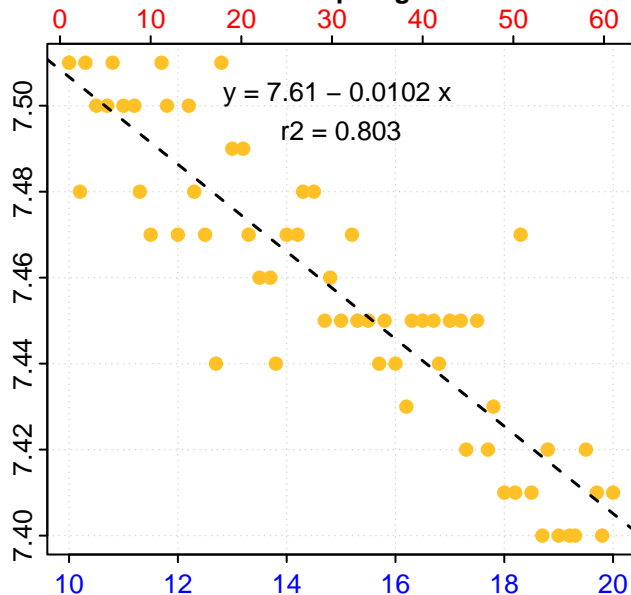


calc.rate: Rank 1 of 1 Total Rates

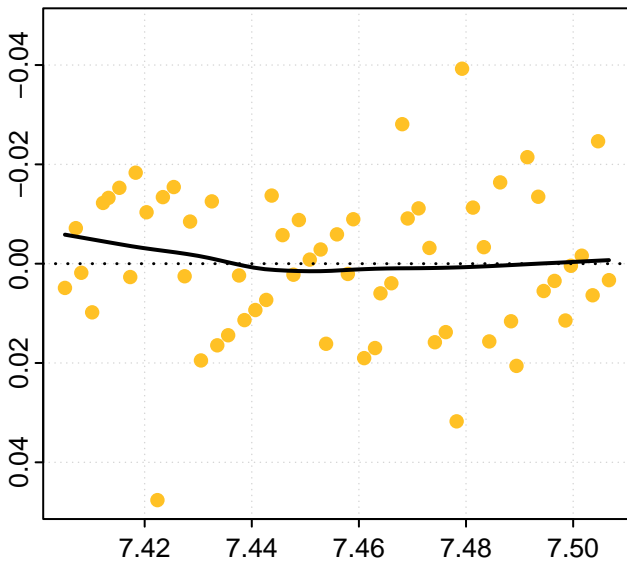
Full Timeseries



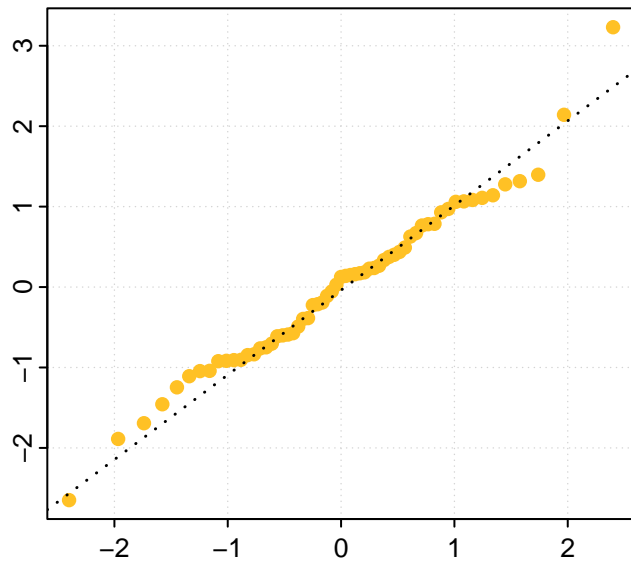
Close-up Region



Std. Residuals vs Fitted Values

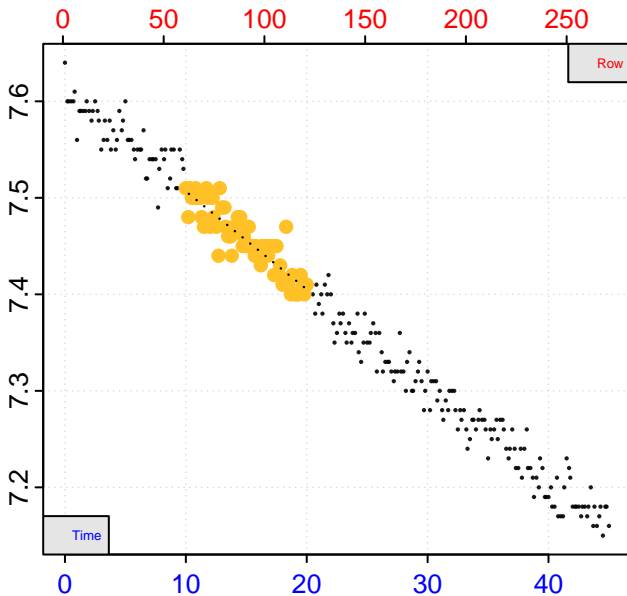


Theoretical Q. vs Std. Residuals

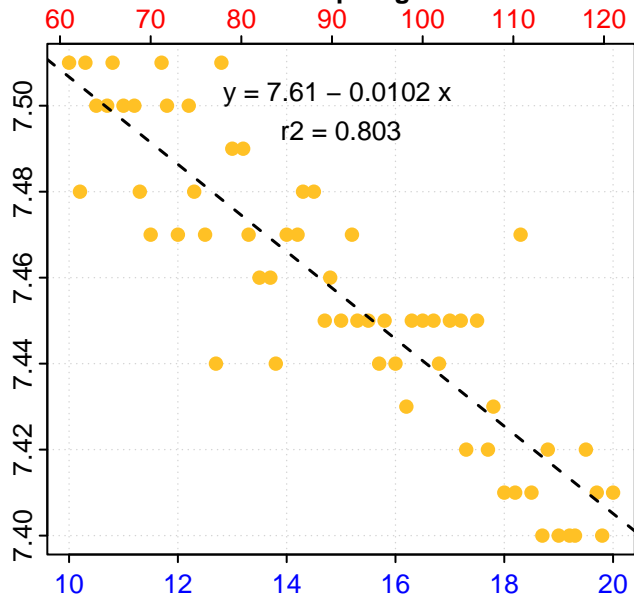


calc.rate: Rank 1 of 1 Total Rates

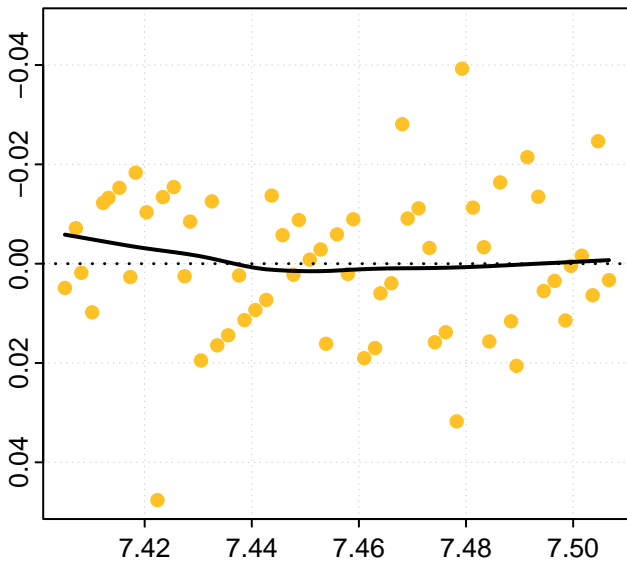
Full Timeseries



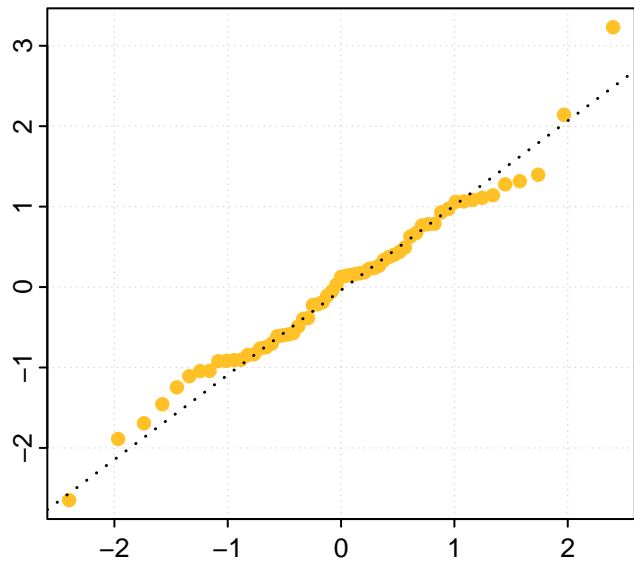
Close-up Region



Std. Residuals vs Fitted Values

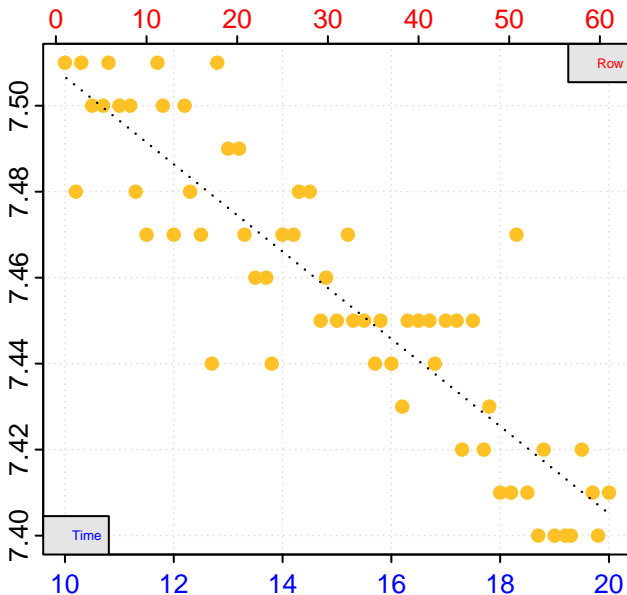


Theoretical Q. vs Std. Residuals

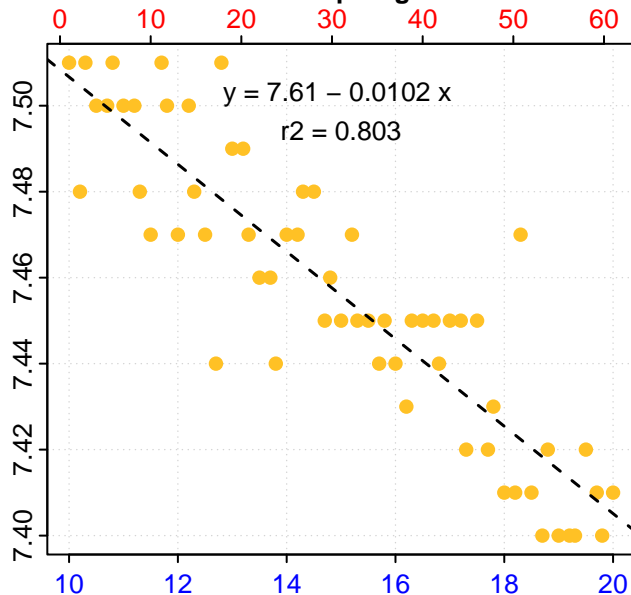


calc.rate: Rank 1 of 1 Total Rates

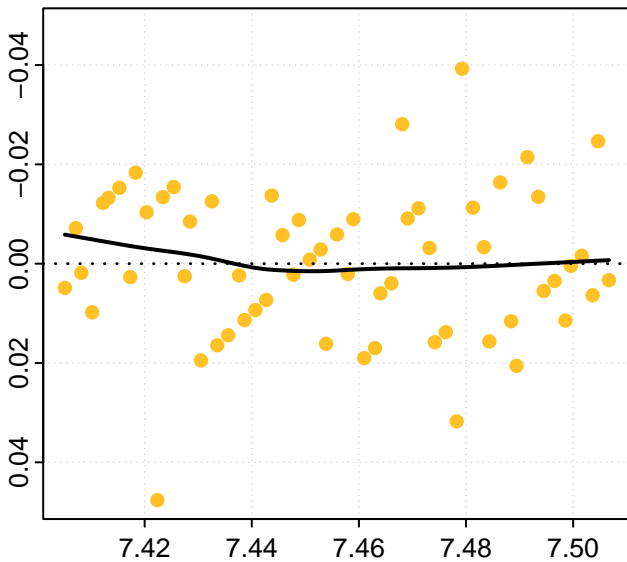
Full Timeseries



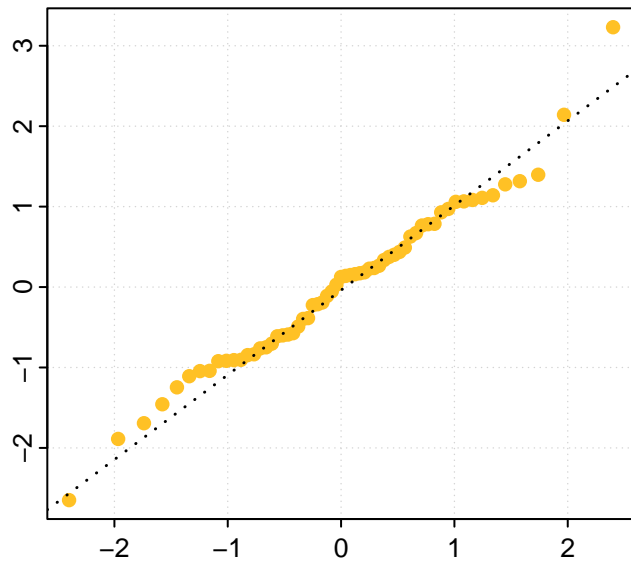
Close-up Region



Std. Residuals vs Fitted Values

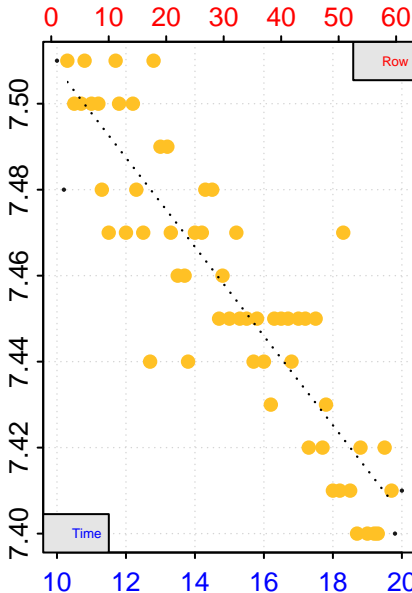


Theoretical Q. vs Std. Residuals

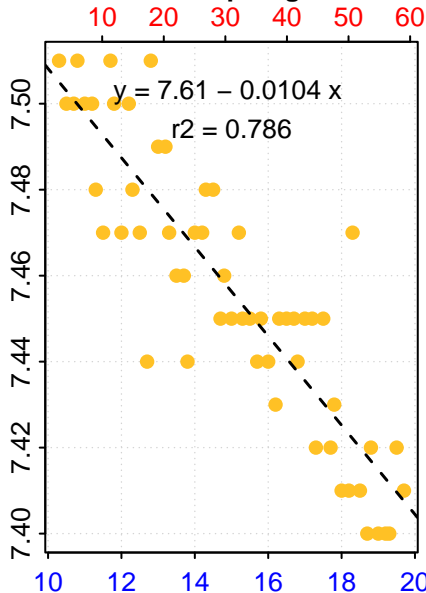


auto.rate: Rank 1 of 1 Total Rates

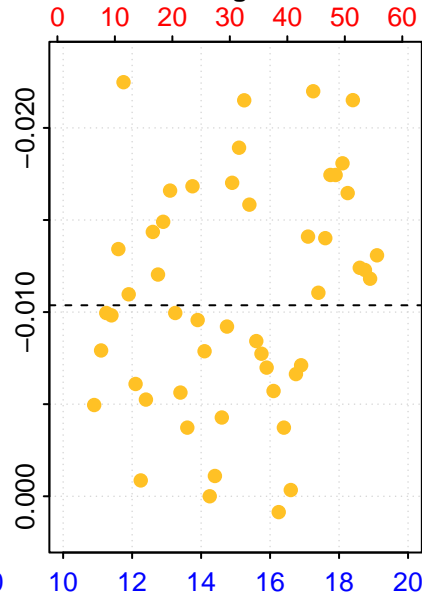
Full Timeseries



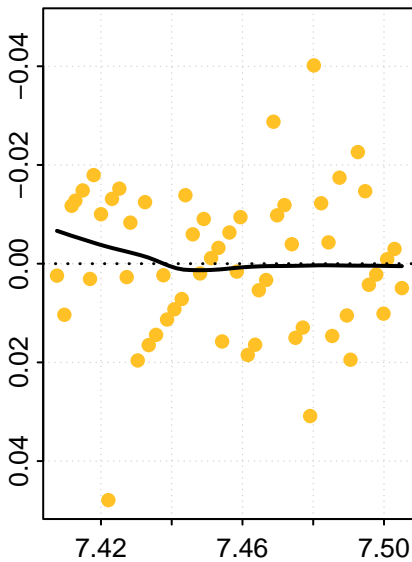
Close-up Region



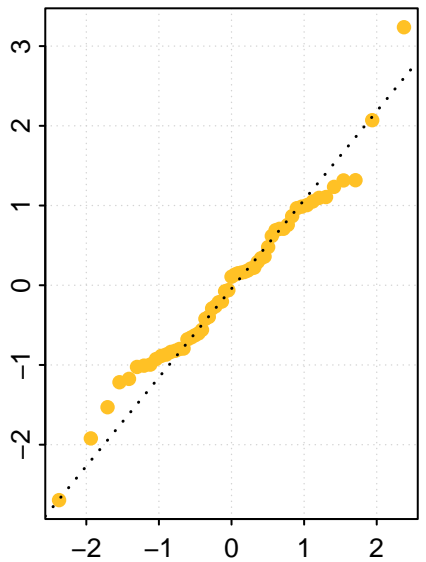
Rolling Rate



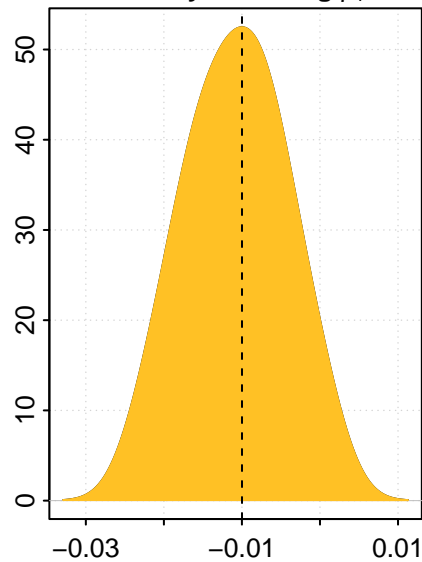
Std. Residuals vs Fitted Values



Theoretical Q. vs Std. Residuals

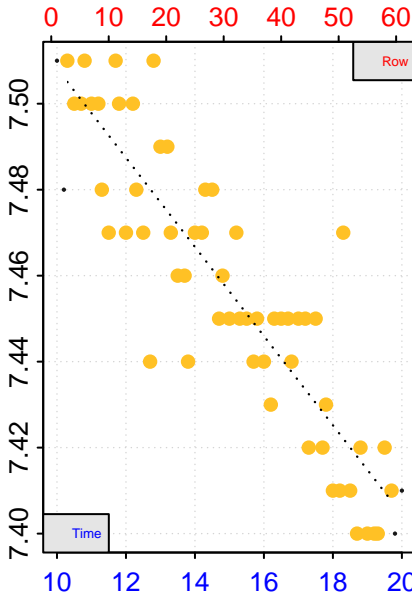


Density of Rolling β_1

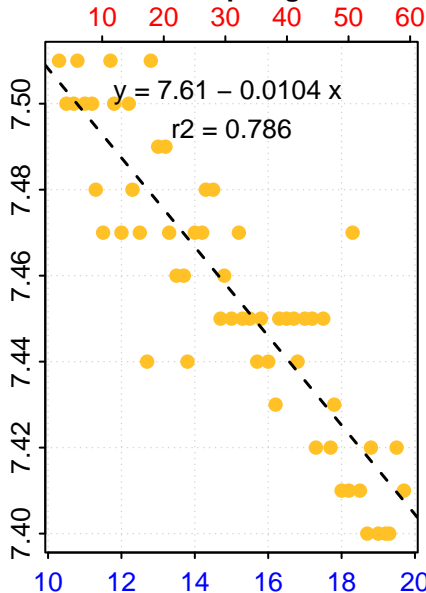


auto.rate: Rank 1 of 1 Total Rates

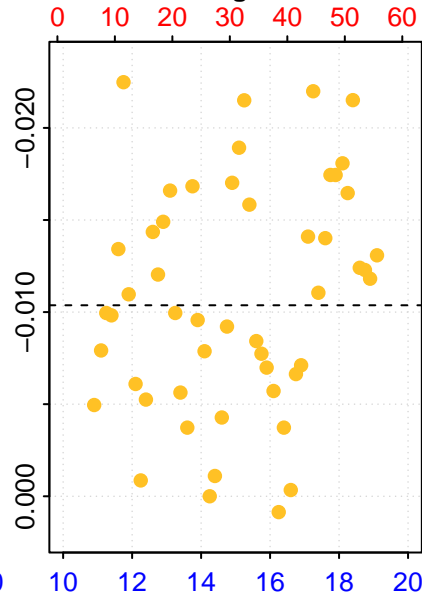
Full Timeseries



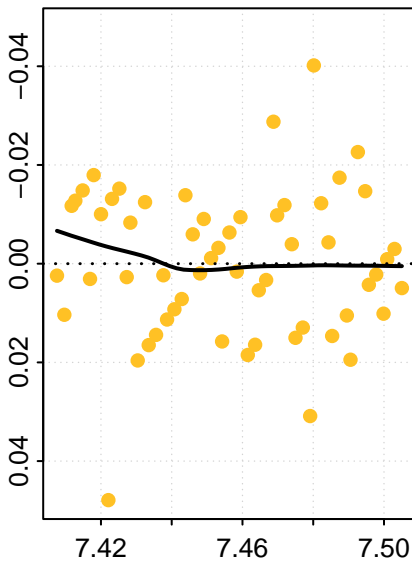
Close-up Region



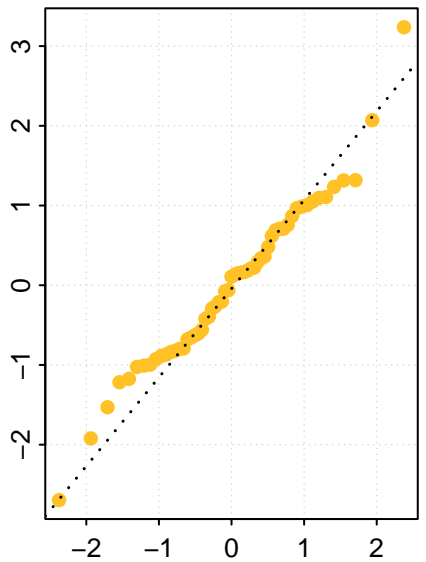
Rolling Rate



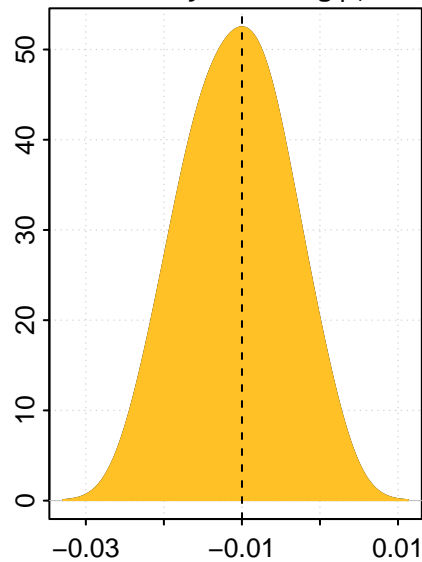
Std. Residuals vs Fitted Values



Theoretical Q. vs Std. Residuals

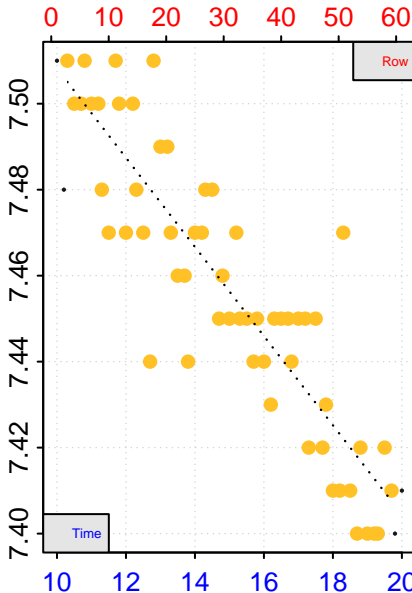


Density of Rolling β_1

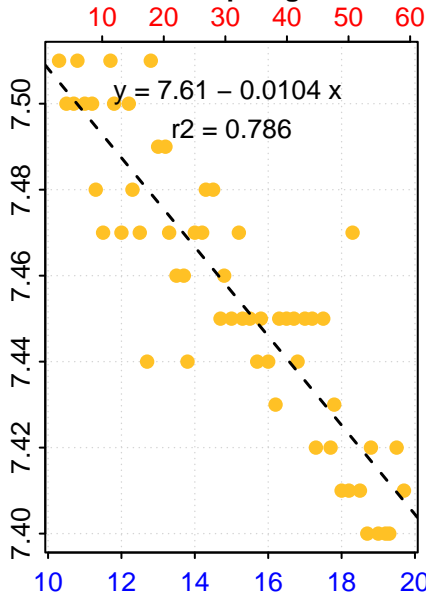


auto.rate: Rank 1 of 1 Total Rates

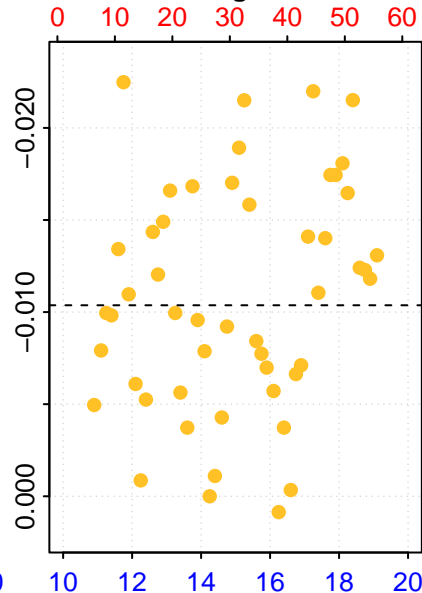
Full Timeseries



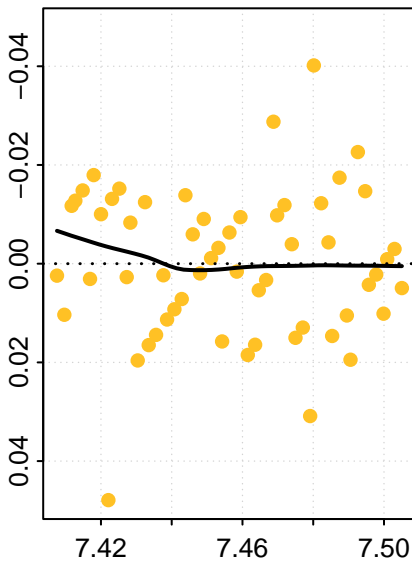
Close-up Region



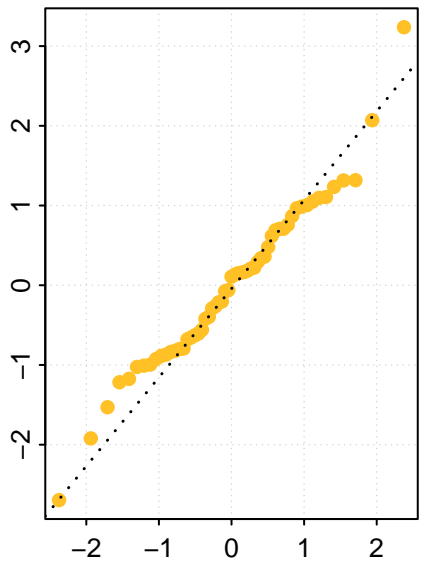
Rolling Rate



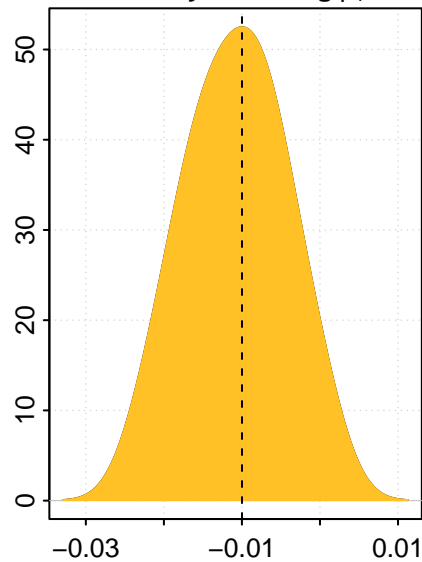
Std. Residuals vs Fitted Values



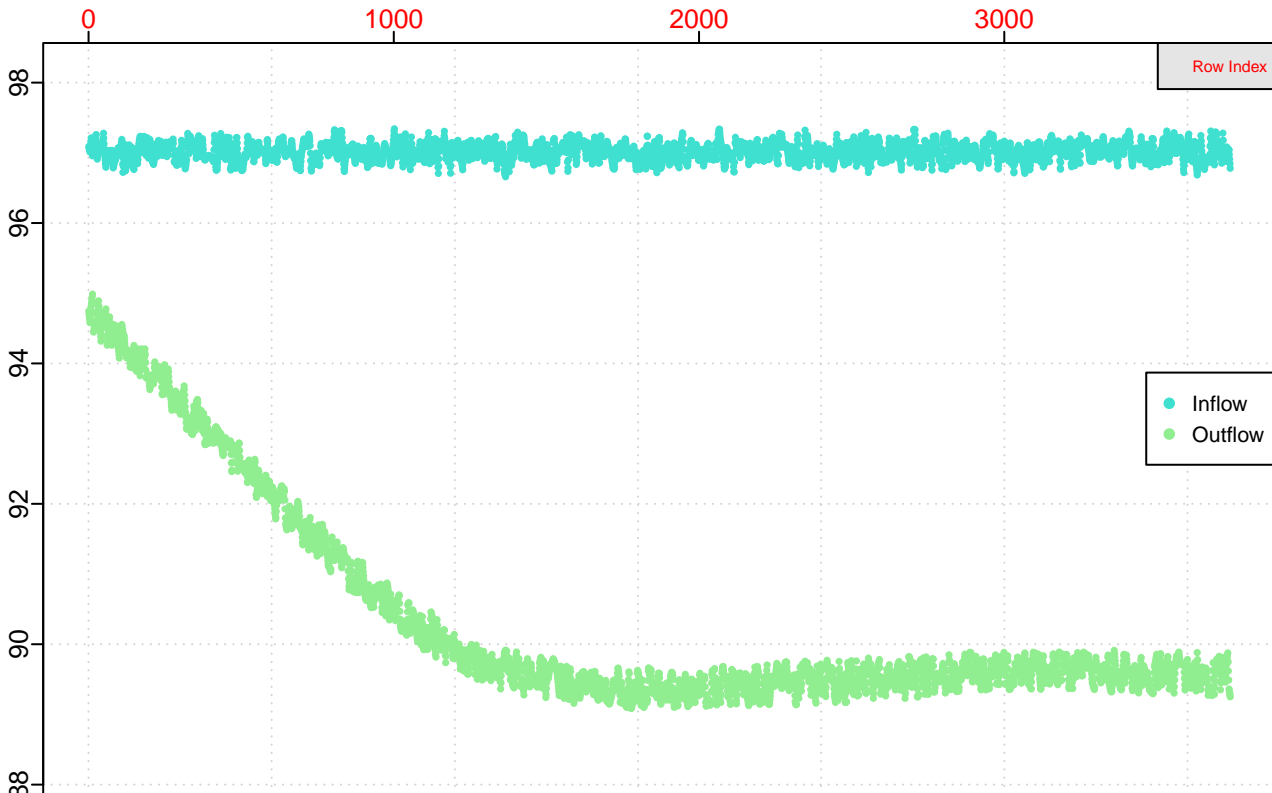
Theoretical Q. vs Std. Residuals



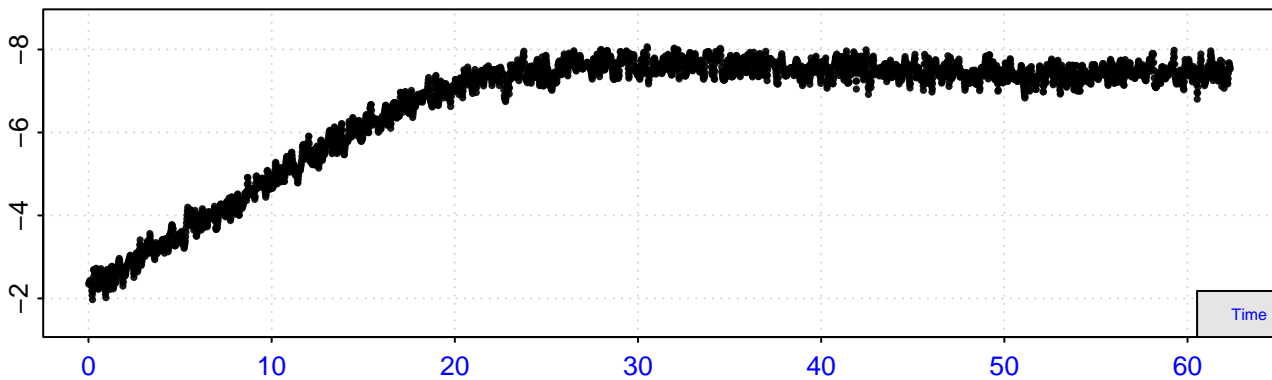
Density of Rolling β_1

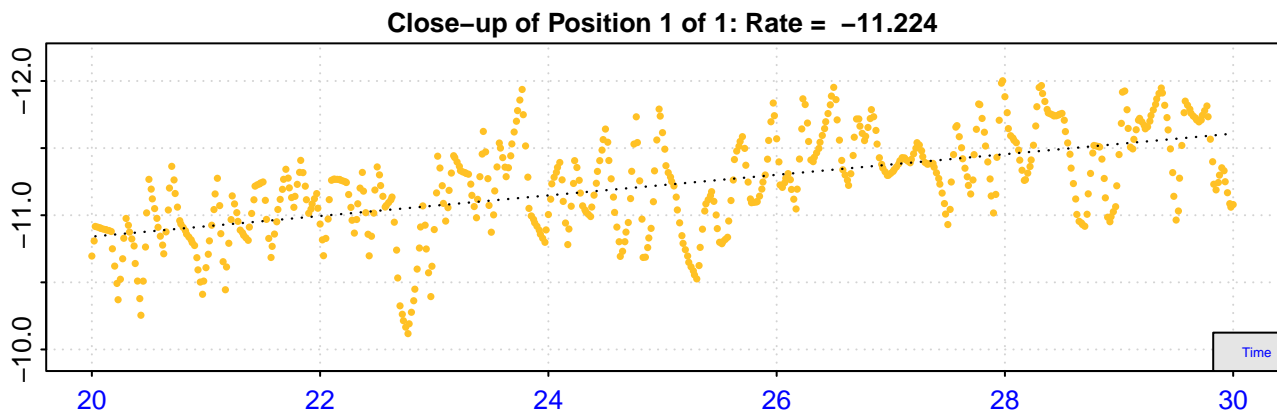
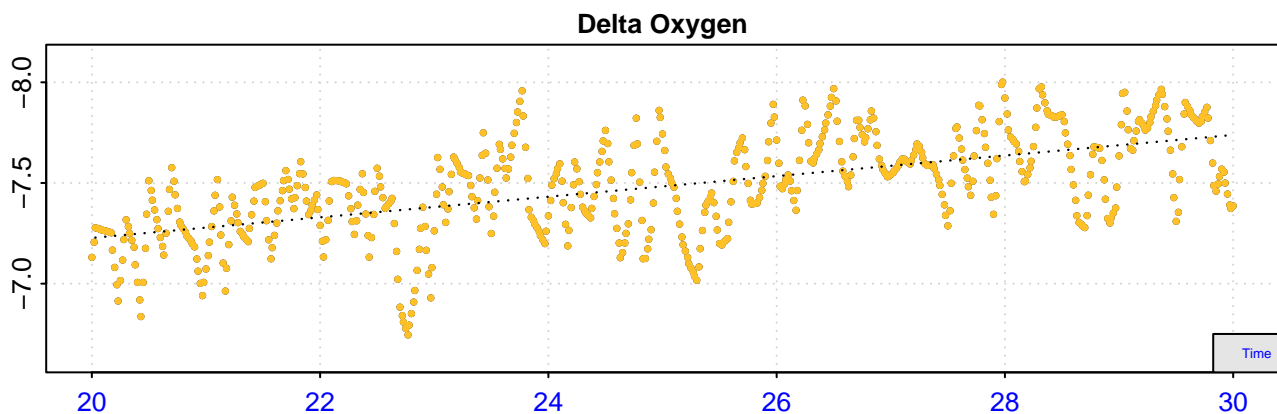
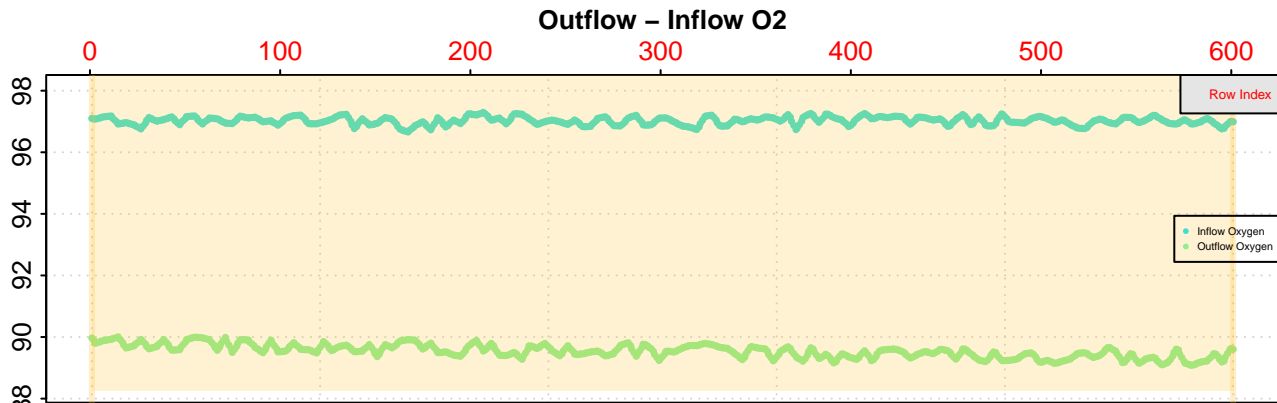


Outflow ~ Inflow Oxygen

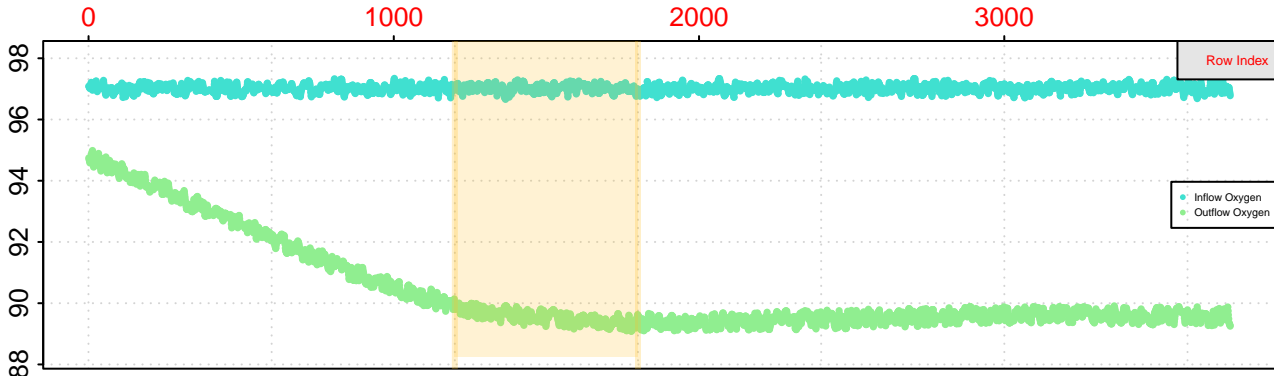


Delta Oxygen (i.e. Unitless Rate)

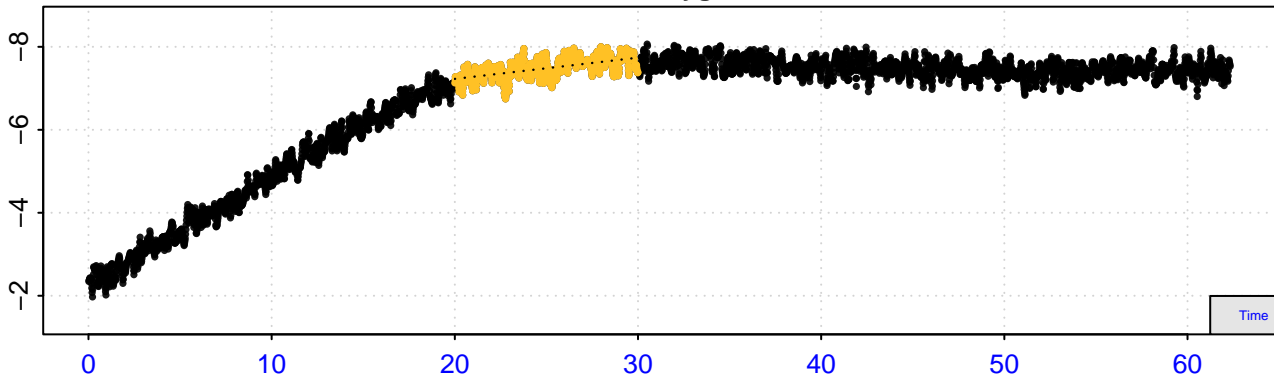




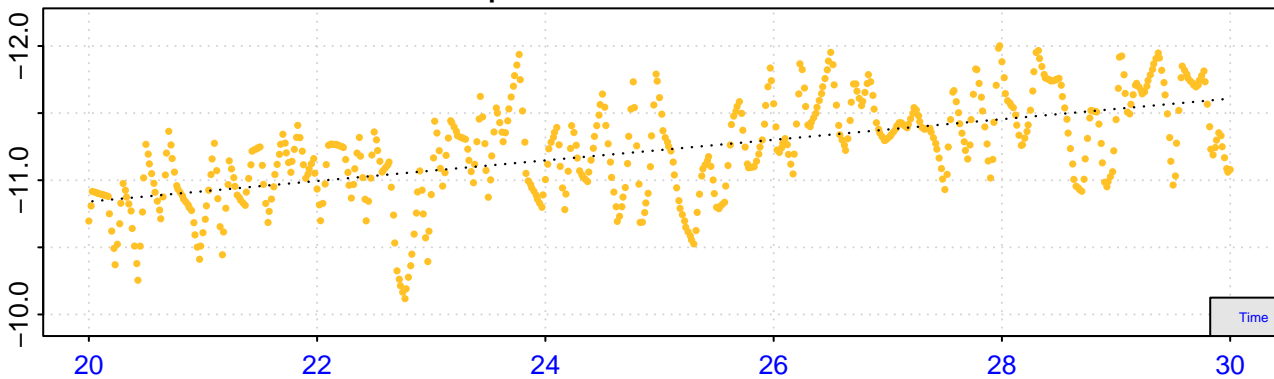
Outflow - Inflow O2

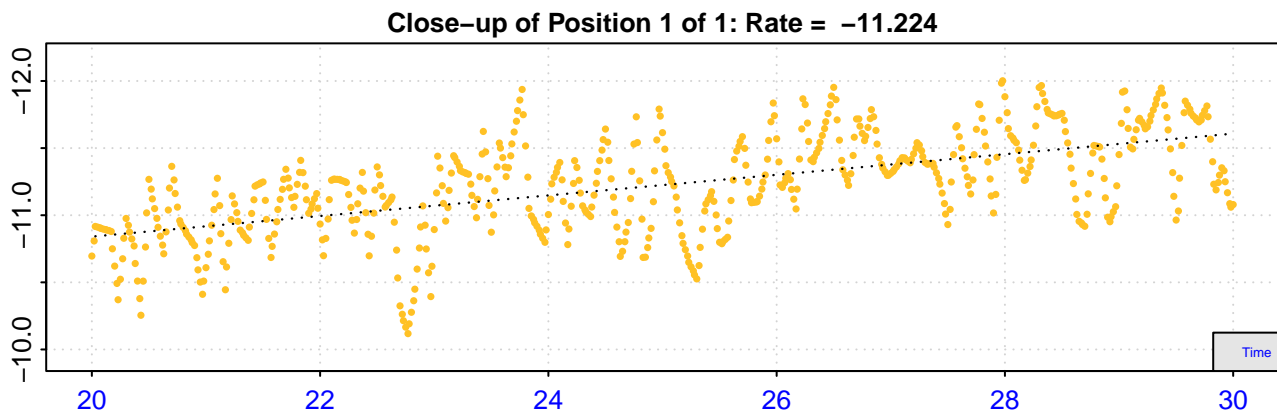
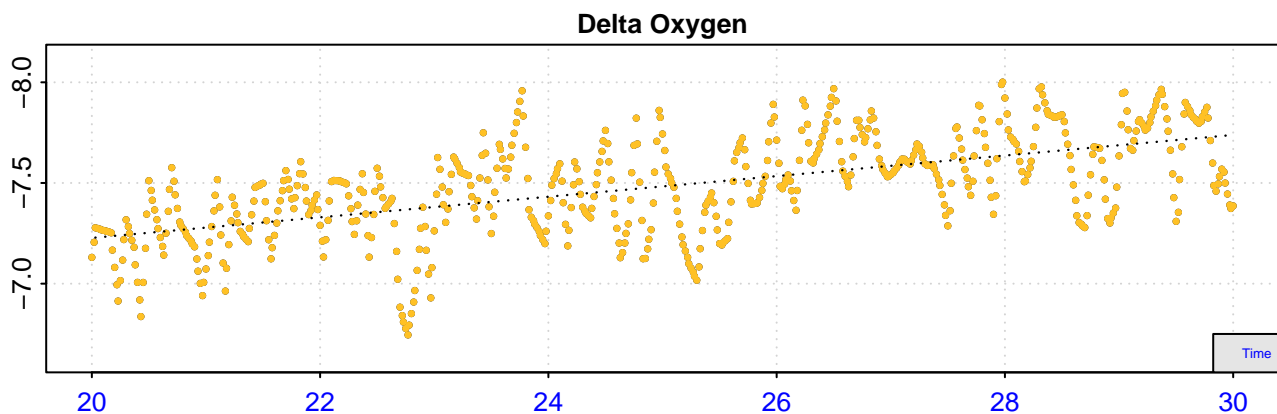
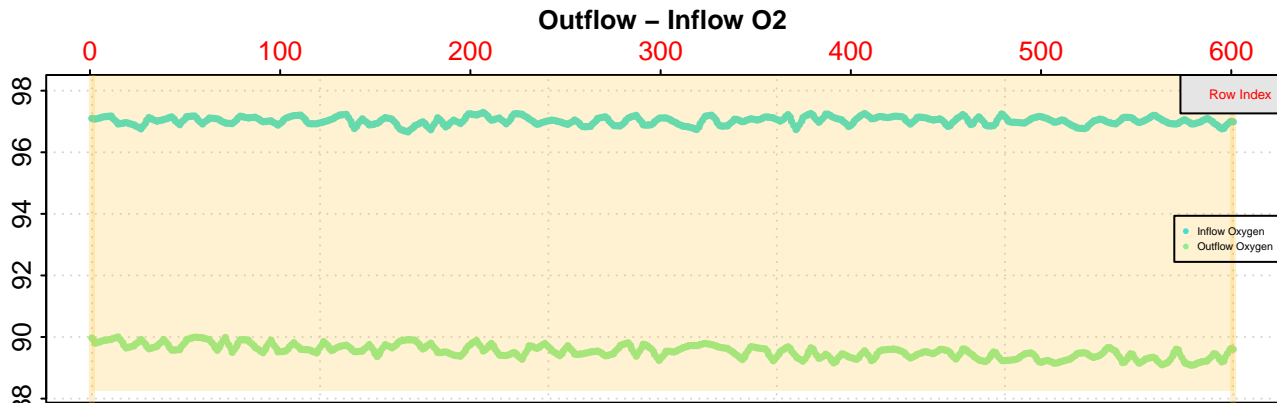


Delta Oxygen

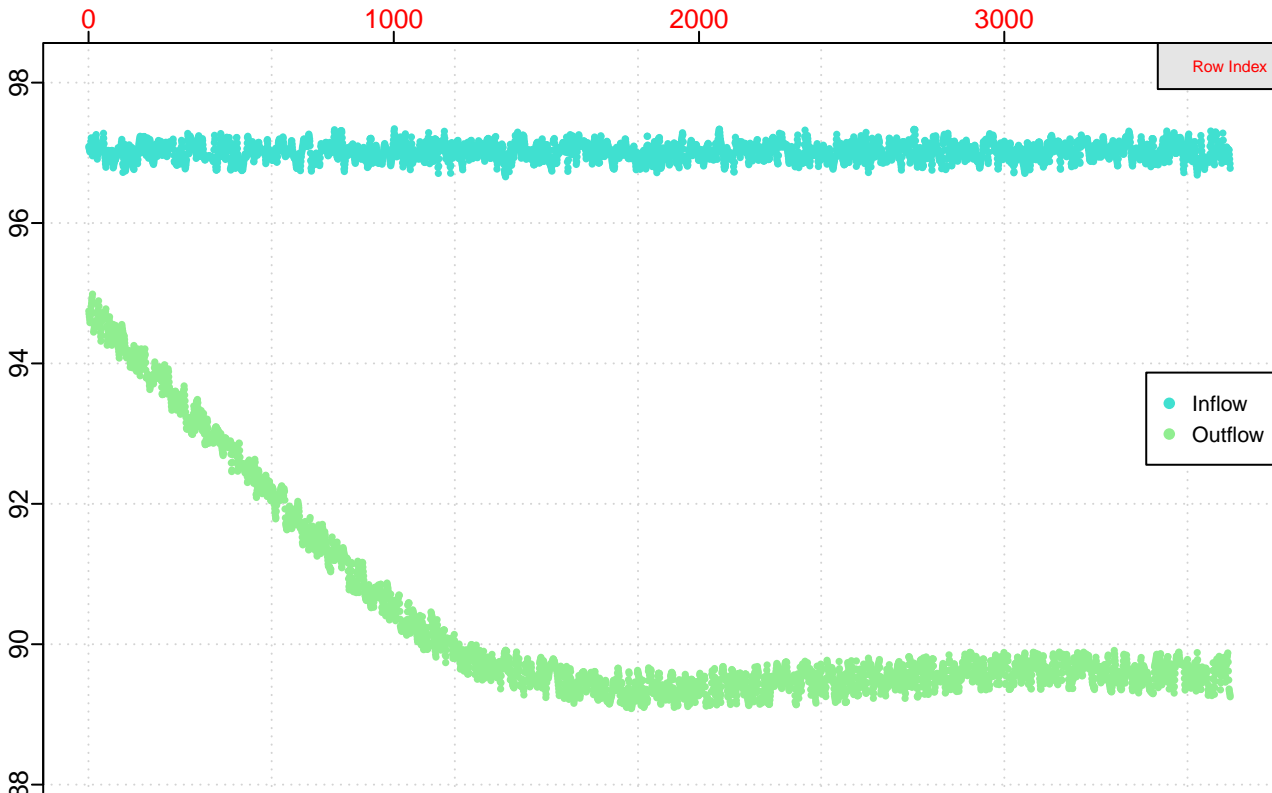


Close-up of Position 1 of 1: Rate = -11.224

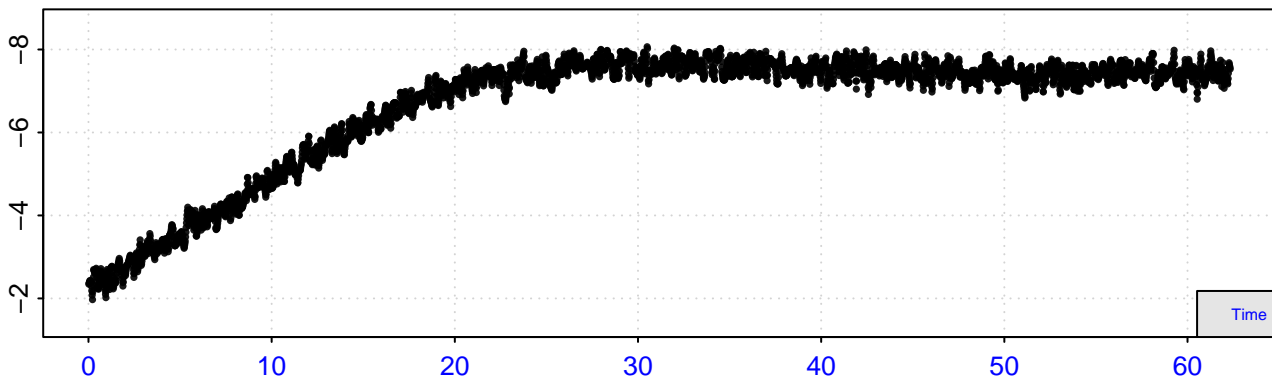




Outflow ~ Inflow Oxygen

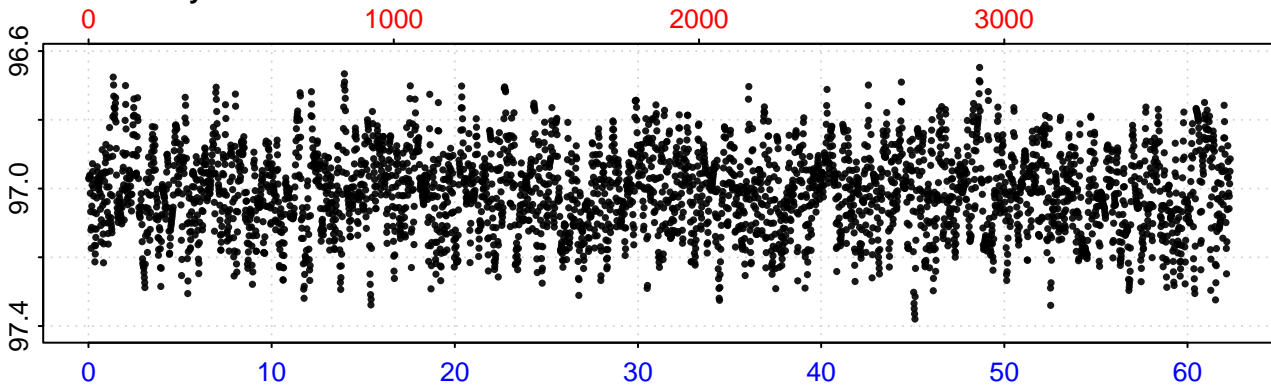


Delta Oxygen (i.e. Unitless Rate)

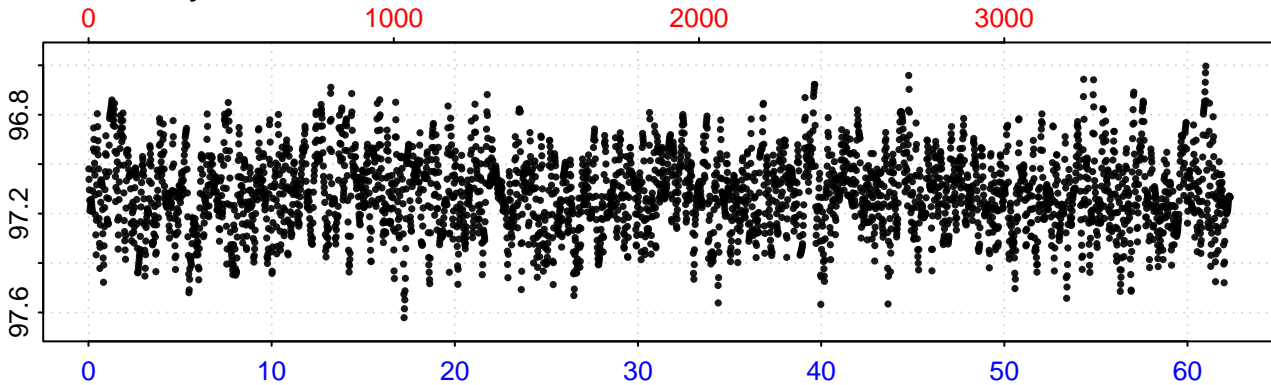


inspect.ft: Inspecting Selected Columns

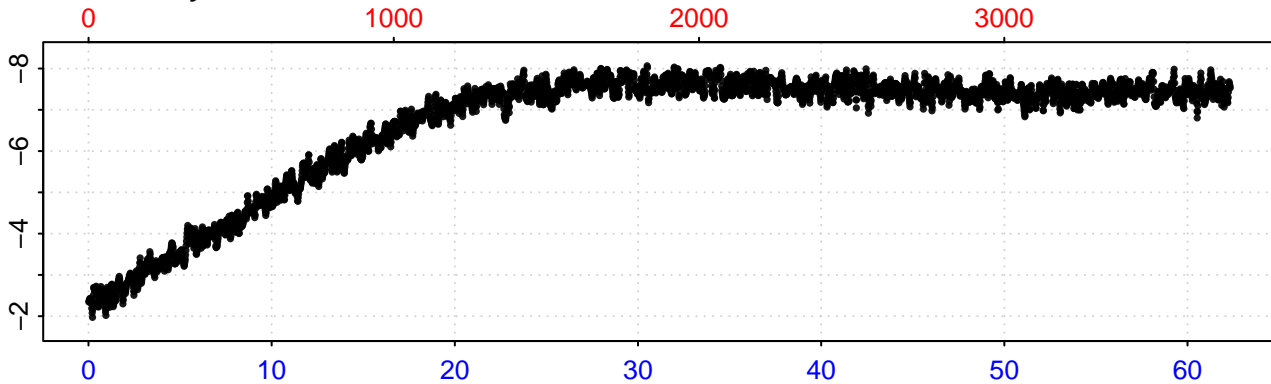
Column: oxy.in.3



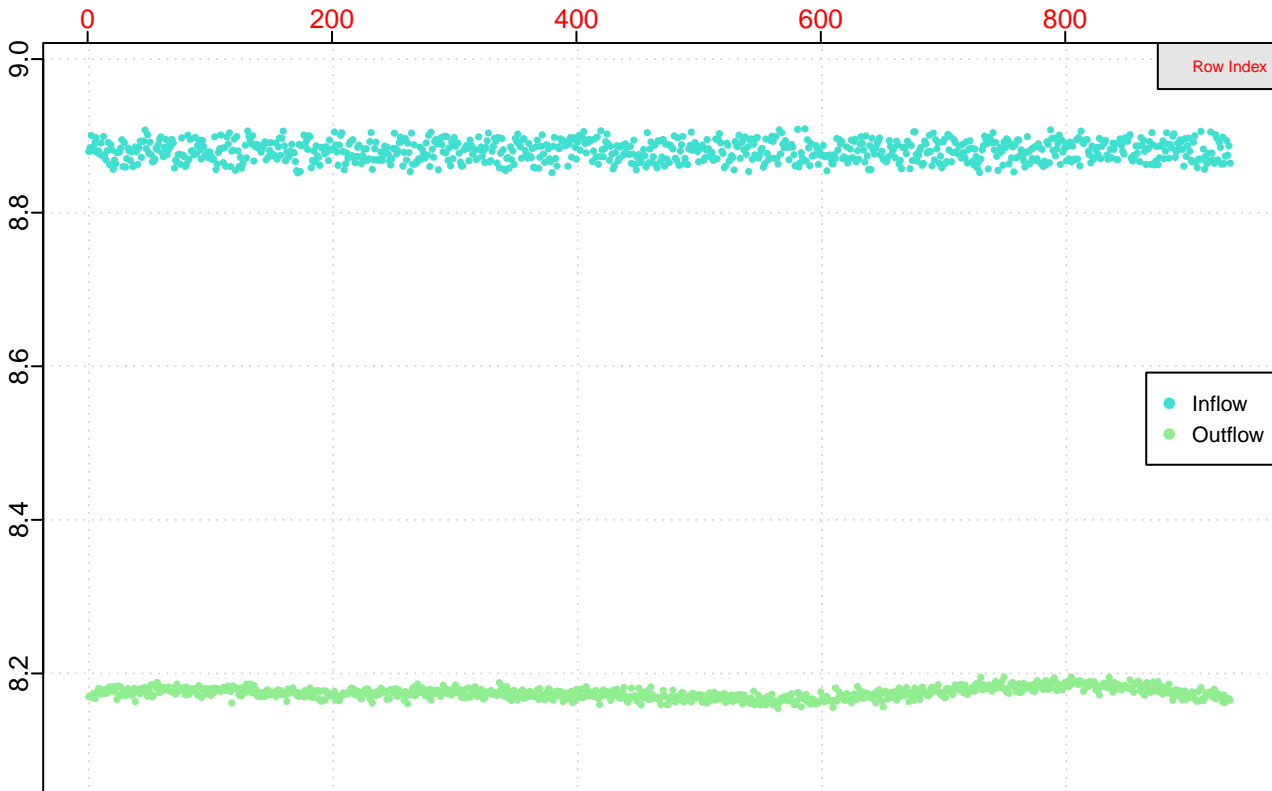
Column: oxy.in.blank



Column: oxy.delta.1



Outflow ~ Inflow Oxygen



Delta Oxygen (i.e. Unitless Rate)

