

Figure 1 is a line graph showing the daily mean temperature (°C) in the study area from March 19 to April 3, 2019. The x-axis represents the day, with labels for Mar 19, Mar 24, Mar 29, and Apr 03. The y-axis represents temperature in °C, ranging from 4 to 16. The graph includes observed data points (red dots), a linear regression line (solid black), and two confidence intervals (dashed black). A vertical line marks the start of the study period on March 21. The temperature starts at approximately 11°C on March 19, rises to a peak of about 14°C on March 22, and then fluctuates between 12°C and 14°C until April 3.

Day	Observed Temp (°C)	Linear Regression (°C)
Mar 19	11.0	11.0
Mar 20	13.0	13.0
Mar 21	13.8	13.8
Mar 22	14.0	14.0
Mar 23	13.0	12.5
Mar 24	12.5	12.2
Mar 25	-	12.5
Mar 26	-	12.8
Mar 27	-	13.0
Mar 28	-	13.2
Mar 29	-	13.0
Mar 30	-	12.8
Mar 31	-	12.8
Apr 01	-	12.8
Apr 02	-	12.8
Apr 03	-	12.8

Figure 1 is a line graph showing the daily mean temperature (solid line) and the 95% confidence interval (dashed lines) of the temperature of the water in the lake. The x-axis is labeled 'Day' and shows dates from Mar 19 to Apr 03. The y-axis is labeled '°C' and ranges from 4 to 16. A vertical line is drawn at approximately March 21. Red dots indicate the dates when the temperature was measured.

Date	Mean Temperature (°C)	Lower Bound (°C)	Upper Bound (°C)
Mar 19	10.8	10.5	11.1
Mar 21	11.8	11.5	12.1
Mar 22	12.2	11.8	12.6
Mar 23	14.0	13.5	14.5
Mar 24	13.0	12.5	13.5
Mar 25	12.8	12.3	13.3
Mar 26	13.0	12.5	13.5
Mar 27	13.5	13.0	14.0
Mar 28	13.6	13.1	14.1
Mar 29	13.2	12.7	13.7
Mar 30	13.0	12.5	13.5
Mar 31	12.8	12.3	13.3
Apr 01	12.9	12.4	13.4
Apr 02	13.0	12.5	13.5
Apr 03	12.8	12.3	13.3

Date	Air Temp (°C)	Water Temp (°C)	Soil Temp (°C)
Mar 19	10.5	10.5	10.5
Mar 20	11.0	11.0	10.5
Mar 21	11.5	12.5	10.0
Mar 22	12.0	13.5	10.0
Mar 23	12.5	14.0	10.0
Mar 24	12.0	14.5	10.5
Mar 25	12.5	15.0	10.0
Mar 26	13.0	15.5	10.5
Mar 27	13.5	16.0	10.5
Mar 28	13.5	16.5	10.5
Mar 29	13.0	16.5	10.5
Mar 30	12.5	16.0	10.0
Mar 31	12.5	16.5	9.5
Apr 01	13.0	16.5	9.5
Apr 02	13.0	16.5	9.0
Apr 03	12.5	16.5	9.0

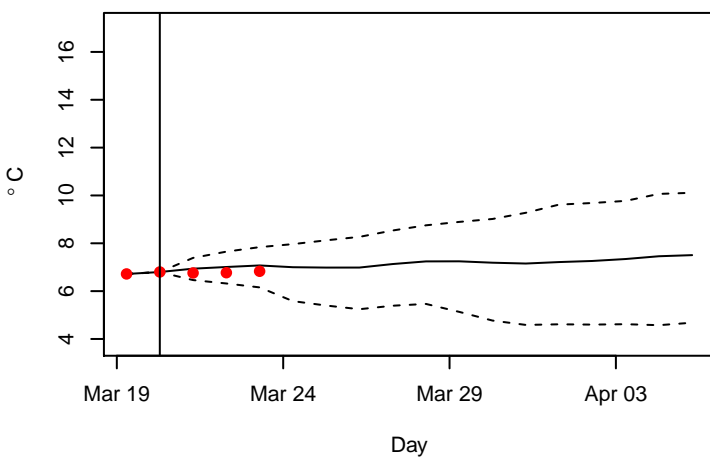
Figure 1 is a line graph showing the daily mean temperature (solid line) and the 95% confidence interval (dashed lines) for the period from March 19 to April 3, 2020. The y-axis represents temperature in degrees Celsius (°C), ranging from 4 to 16. The x-axis represents the day. A vertical line is drawn at March 20, 2020, indicating the date of the first confirmed case. Red dots represent the daily mean temperature on the days of the first, second, and third confirmed cases, which occur on March 21, 22, and 23, respectively.

Day	Mean Temperature (°C)	Standard Deviation (°C)
Mar 19	9.2	8.2
Mar 21	9.5	10.0
Mar 24	10.5	12.5
Mar 27	11.0	14.0
Mar 29	12.0	15.5
Mar 31	12.2	15.0
Apr 03	12.5	14.5

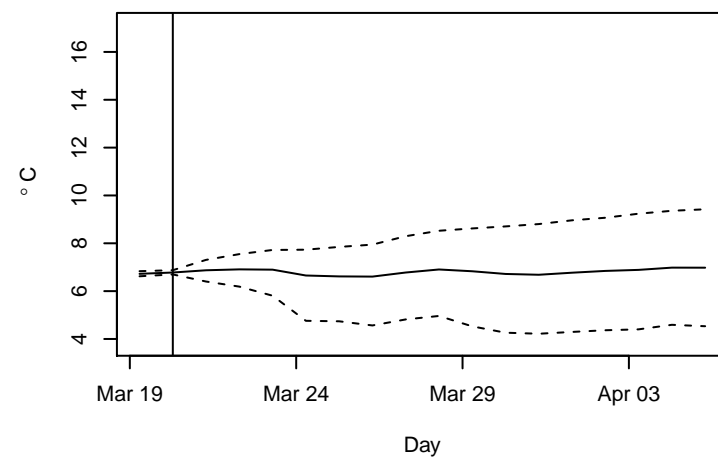
Figure 1 is a line graph showing the daily mean temperature (°C) from March 19 to April 3, 2019. The x-axis is labeled 'Day' and shows dates: Mar 19, Mar 24, Mar 29, and Apr 03. The y-axis is labeled '°C' and ranges from 4 to 16. A solid black line represents the mean temperature, flanked by two dashed black lines representing the confidence interval. A vertical grey shaded region highlights the period from March 19 to March 21, 2019, representing the time of the 2019 West Nile virus outbreak. Red dots represent observed data points, which are clustered between March 19 and March 24, with temperatures ranging from approximately 7.5°C to 8.5°C. The mean temperature starts at about 7.5°C on March 19, rises to about 11°C by March 24, and continues to increase to approximately 15°C by April 3.

Figure 1 is a line graph showing the evolution of the daily mean temperature (solid line) and the daily mean precipitation (dashed line) in the tropical region (20°S-20°N) from March 19 to April 03, 2015. The y-axis represents temperature in degrees Celsius (°C) ranging from 4 to 16. The x-axis represents the day of the year. A vertical line is drawn at approximately March 21, 2015, indicating the date of the first observation. The temperature shows a steady increase from about 6.5°C to 9.5°C. The precipitation shows a slight decrease from about 7.0°C to 6.2°C.

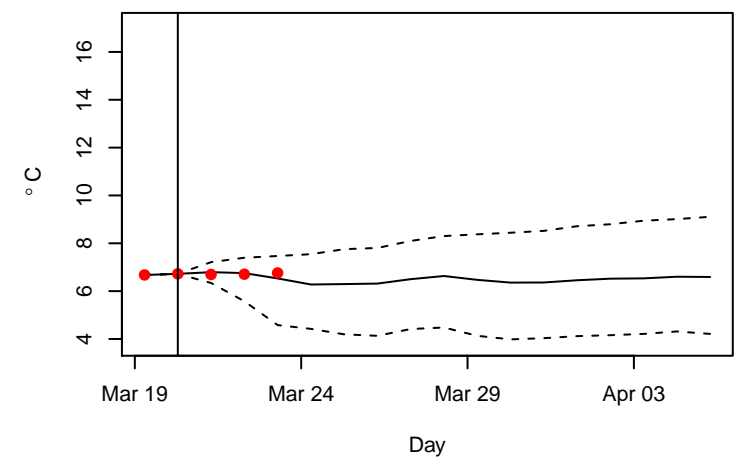
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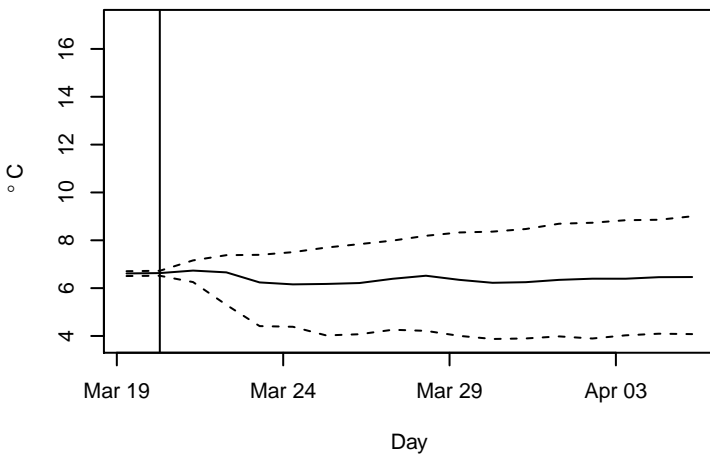
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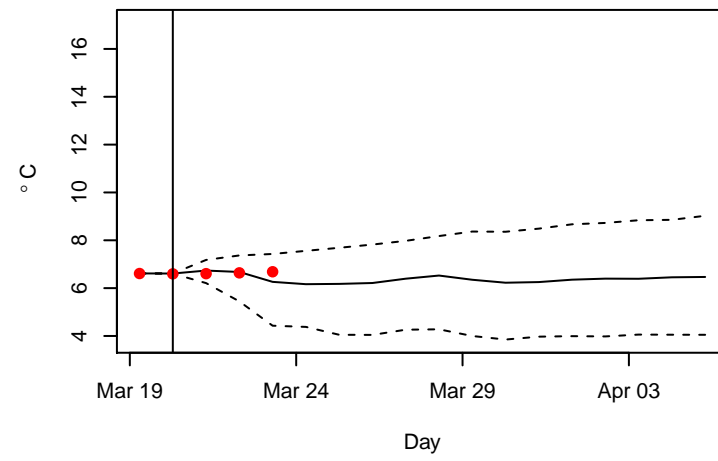
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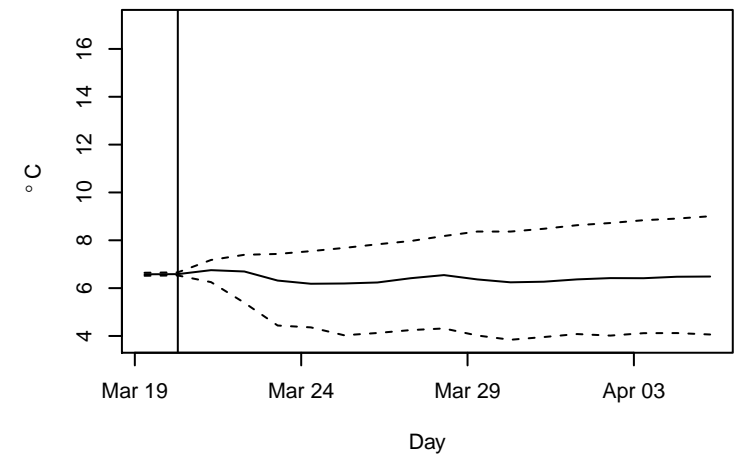
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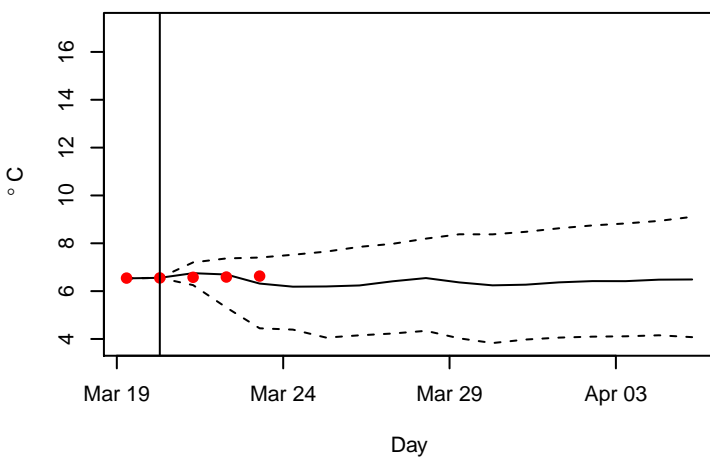
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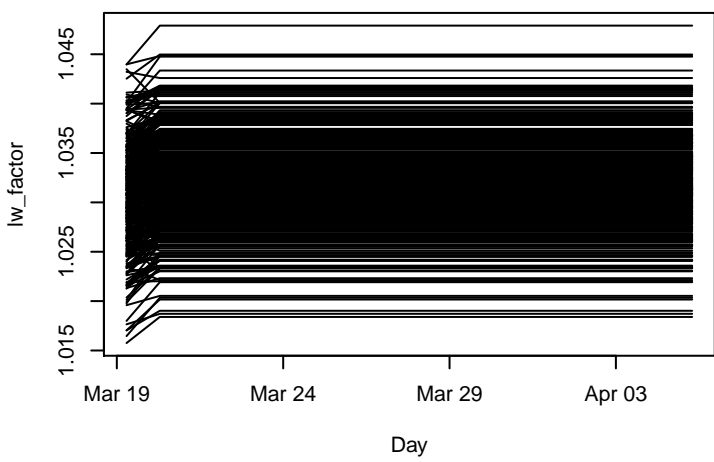
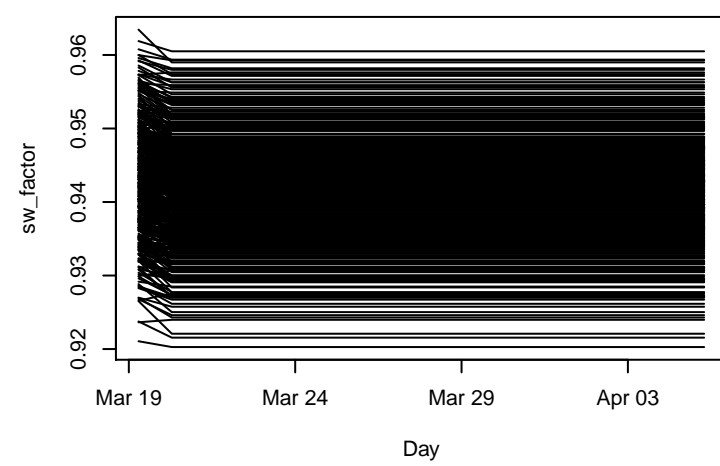
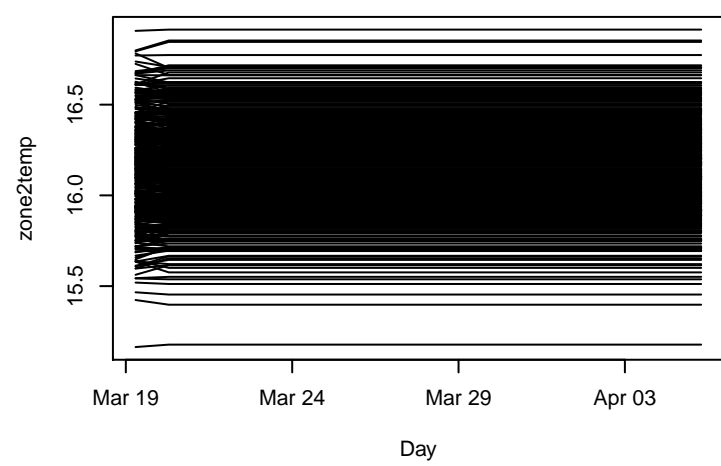
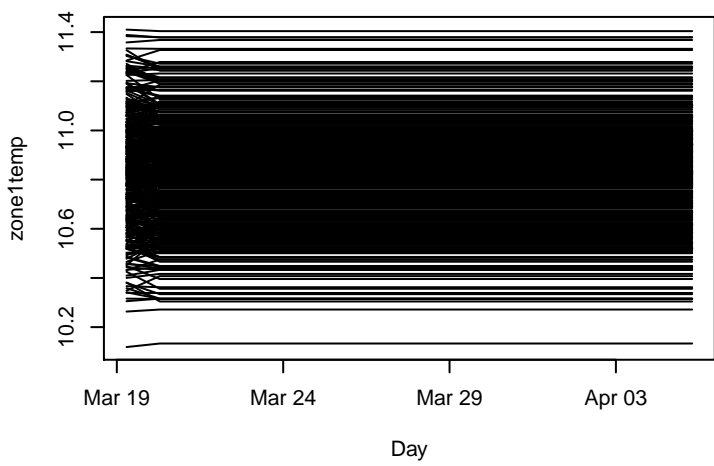


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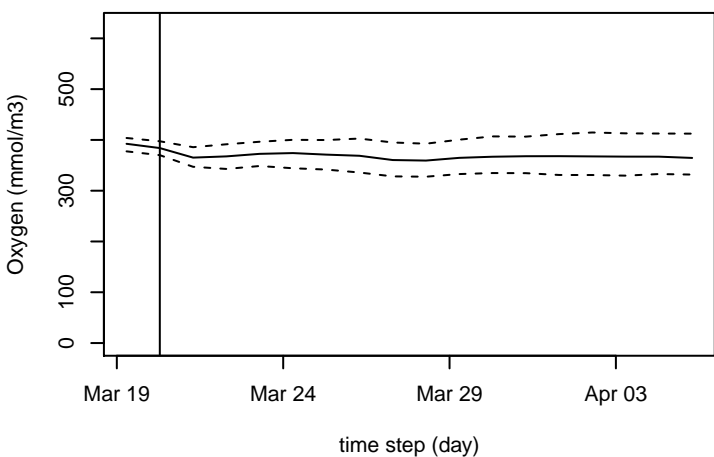


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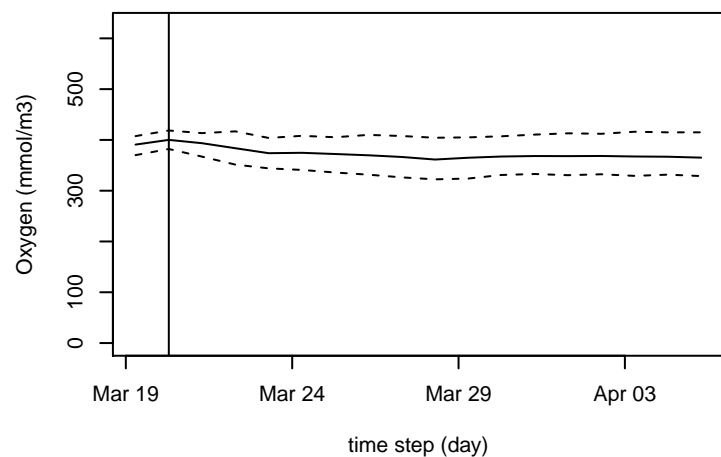




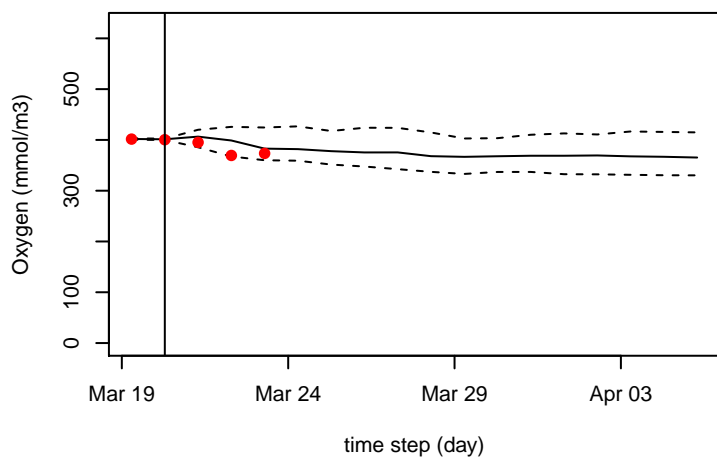
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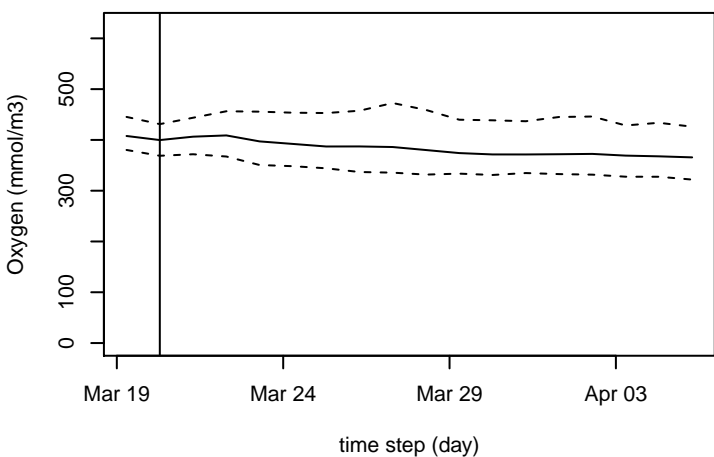
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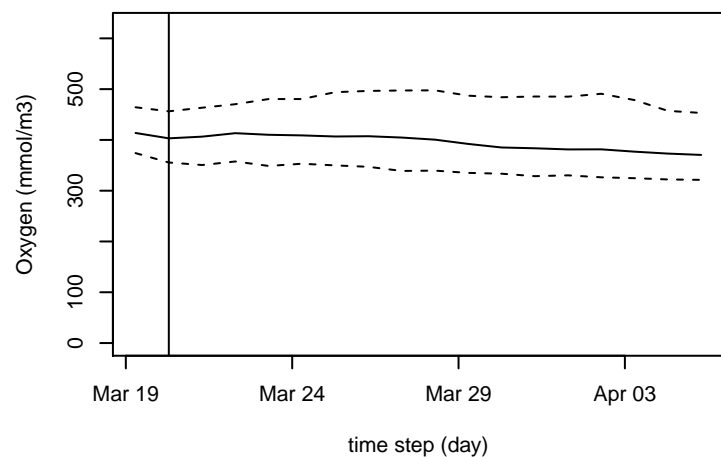
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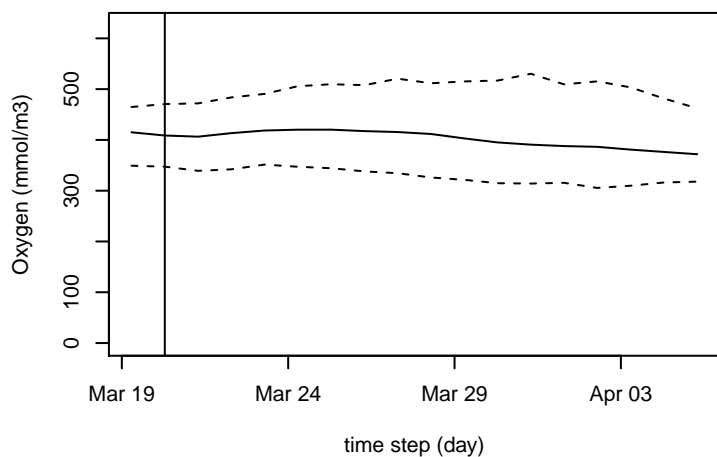
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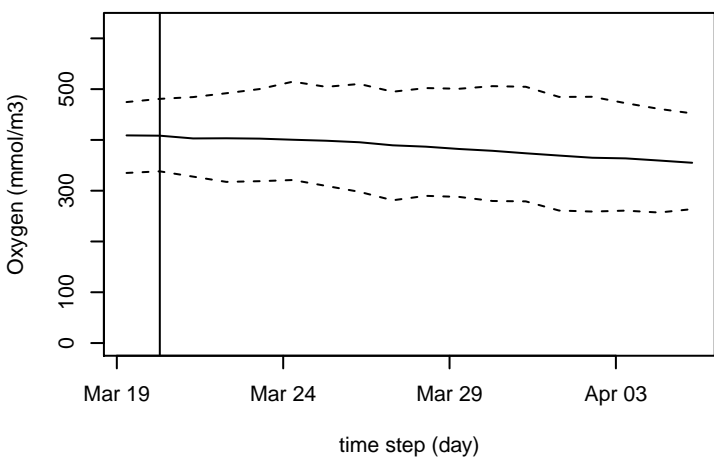
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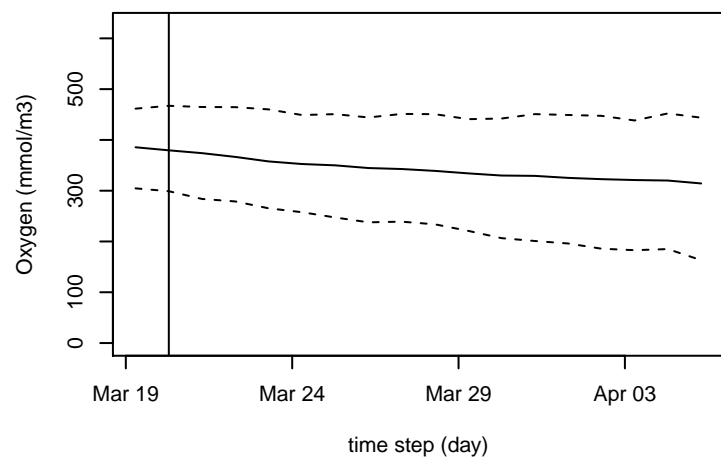
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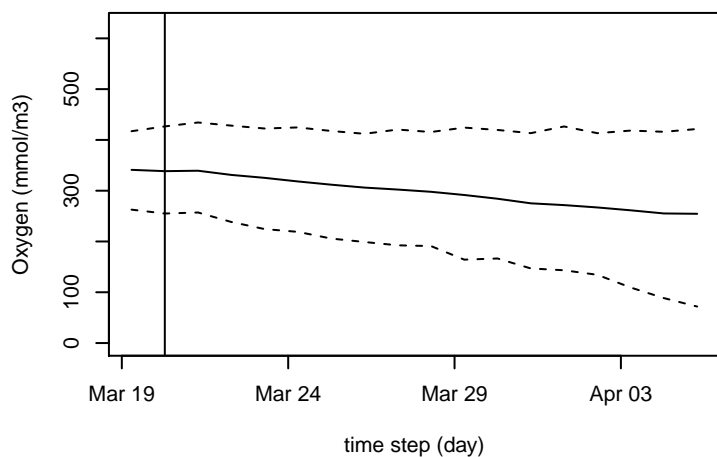
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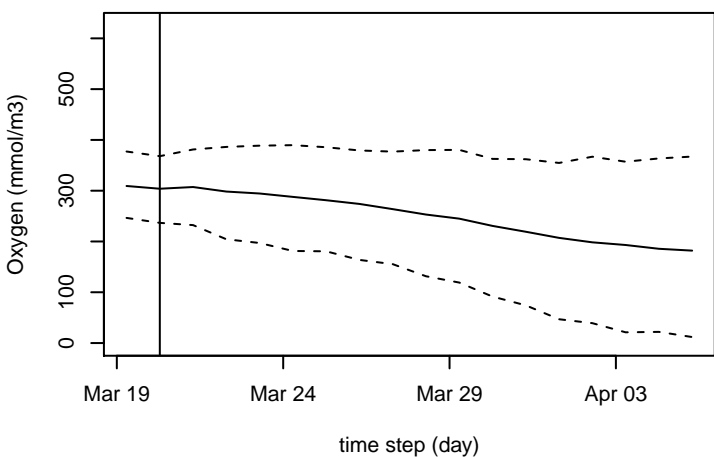
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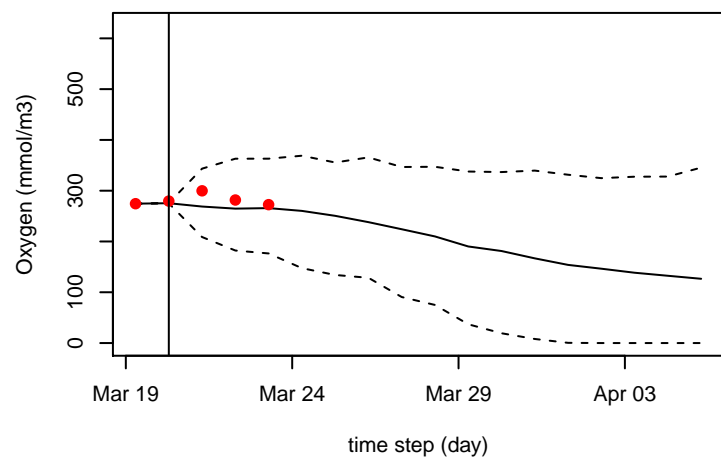
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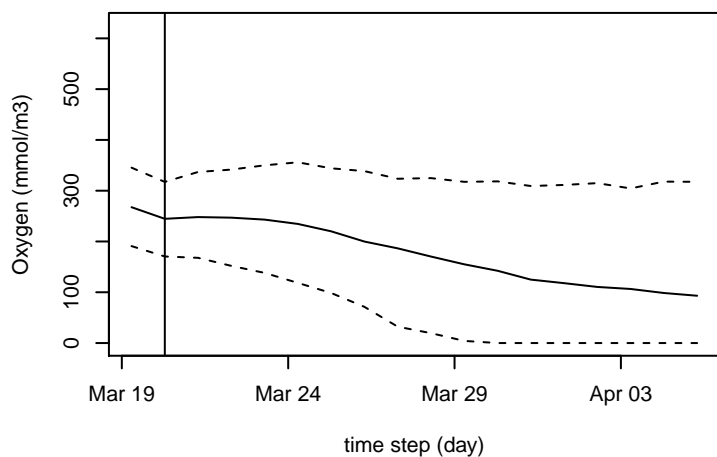
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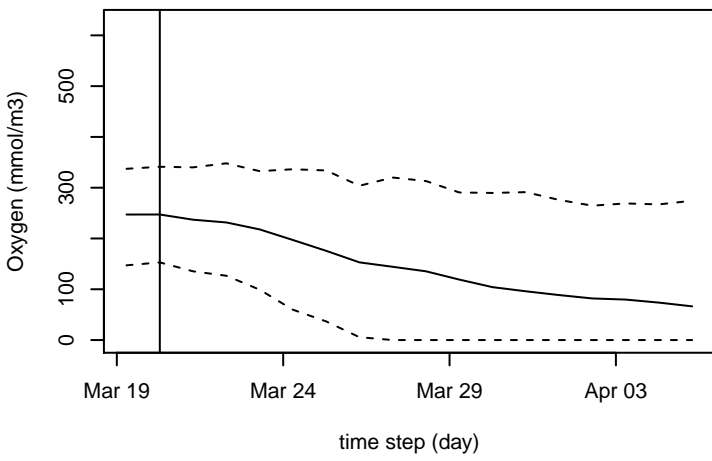
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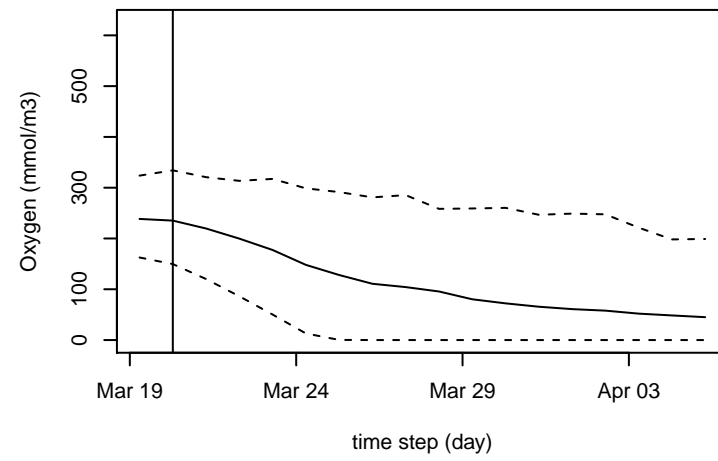
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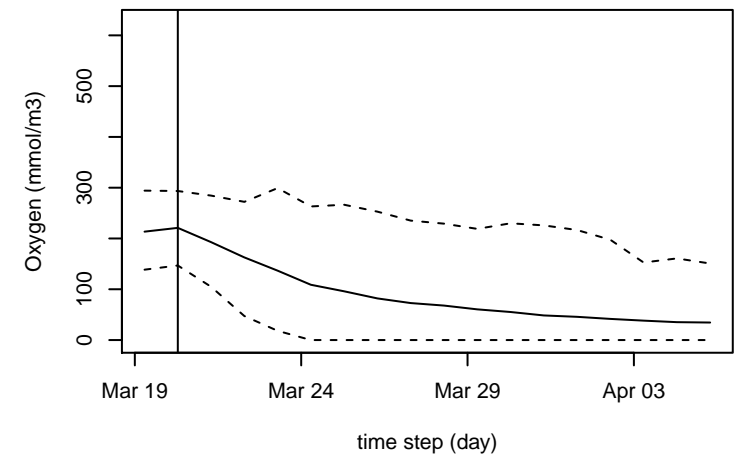
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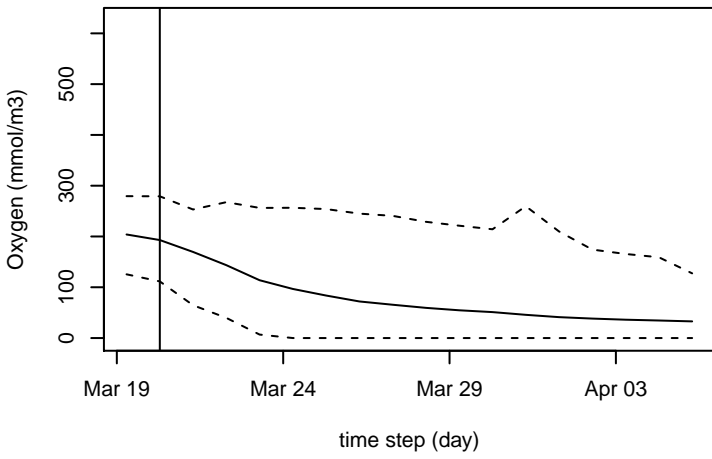
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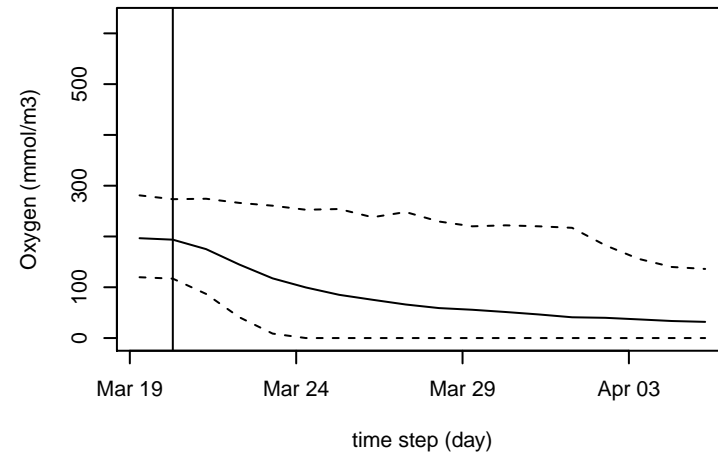
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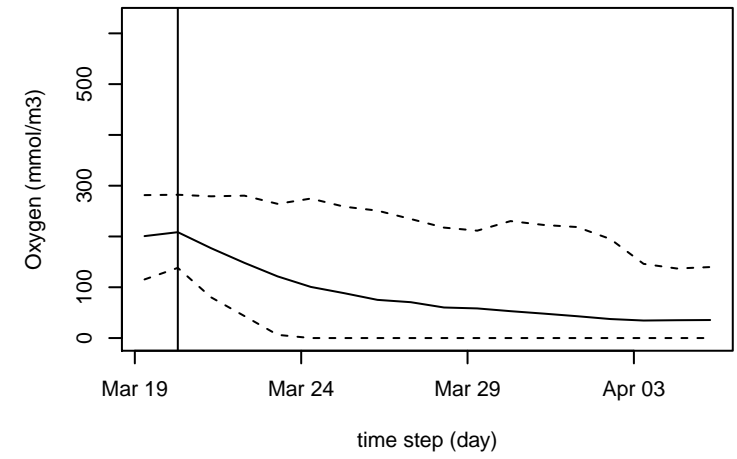
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depth: 8 m



depth: 8.5 m



depth: 9 m

