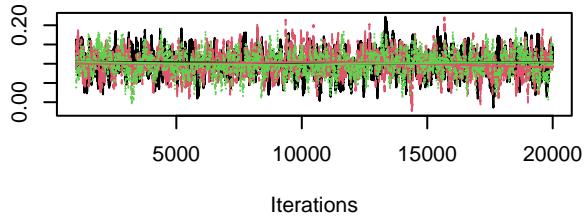
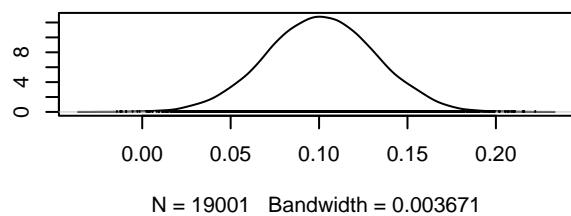
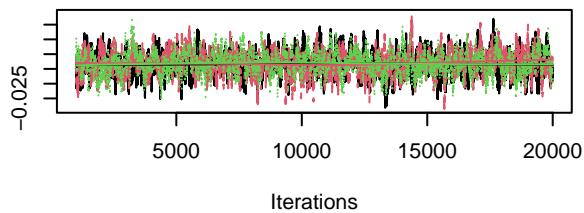
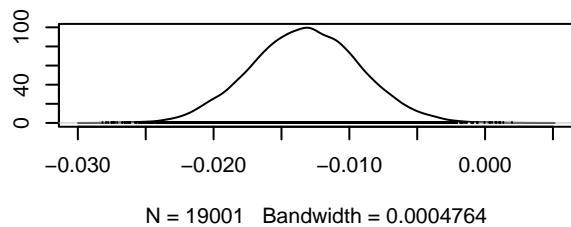
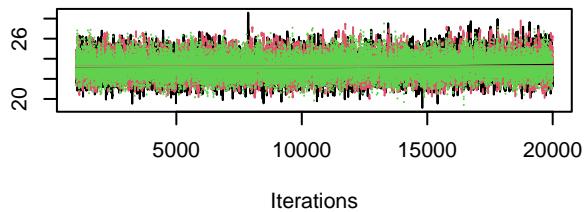
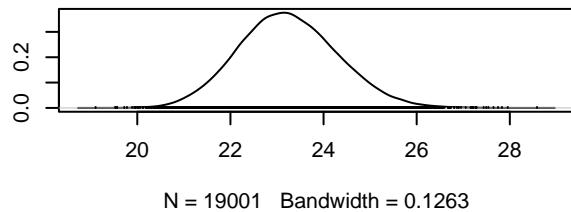
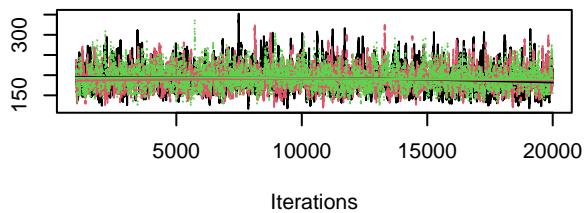
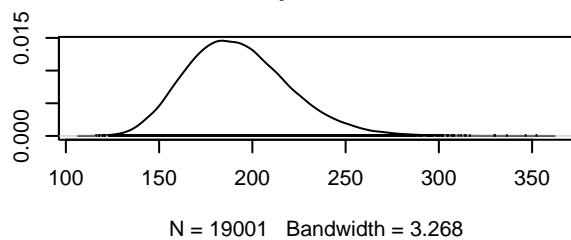
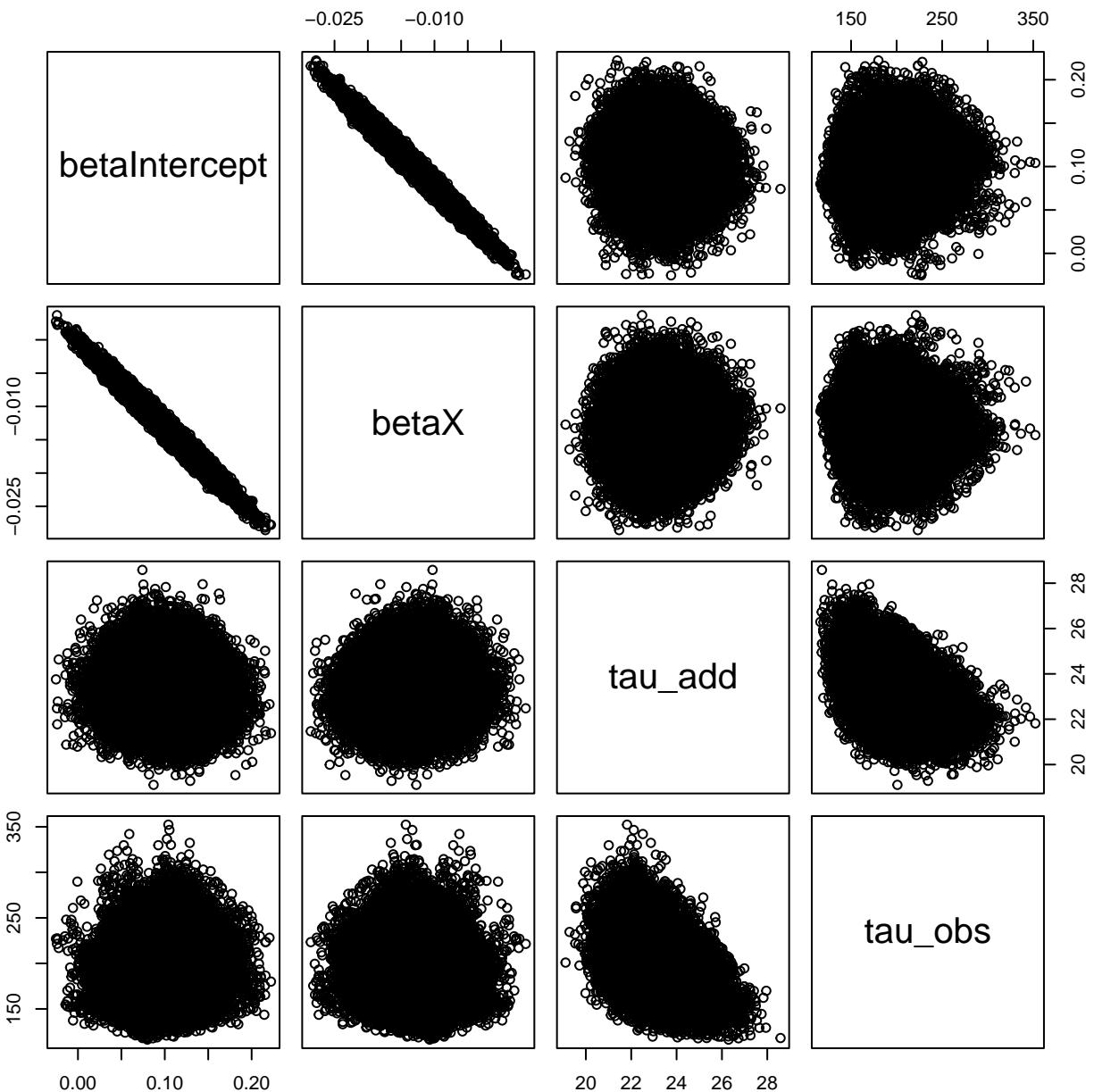
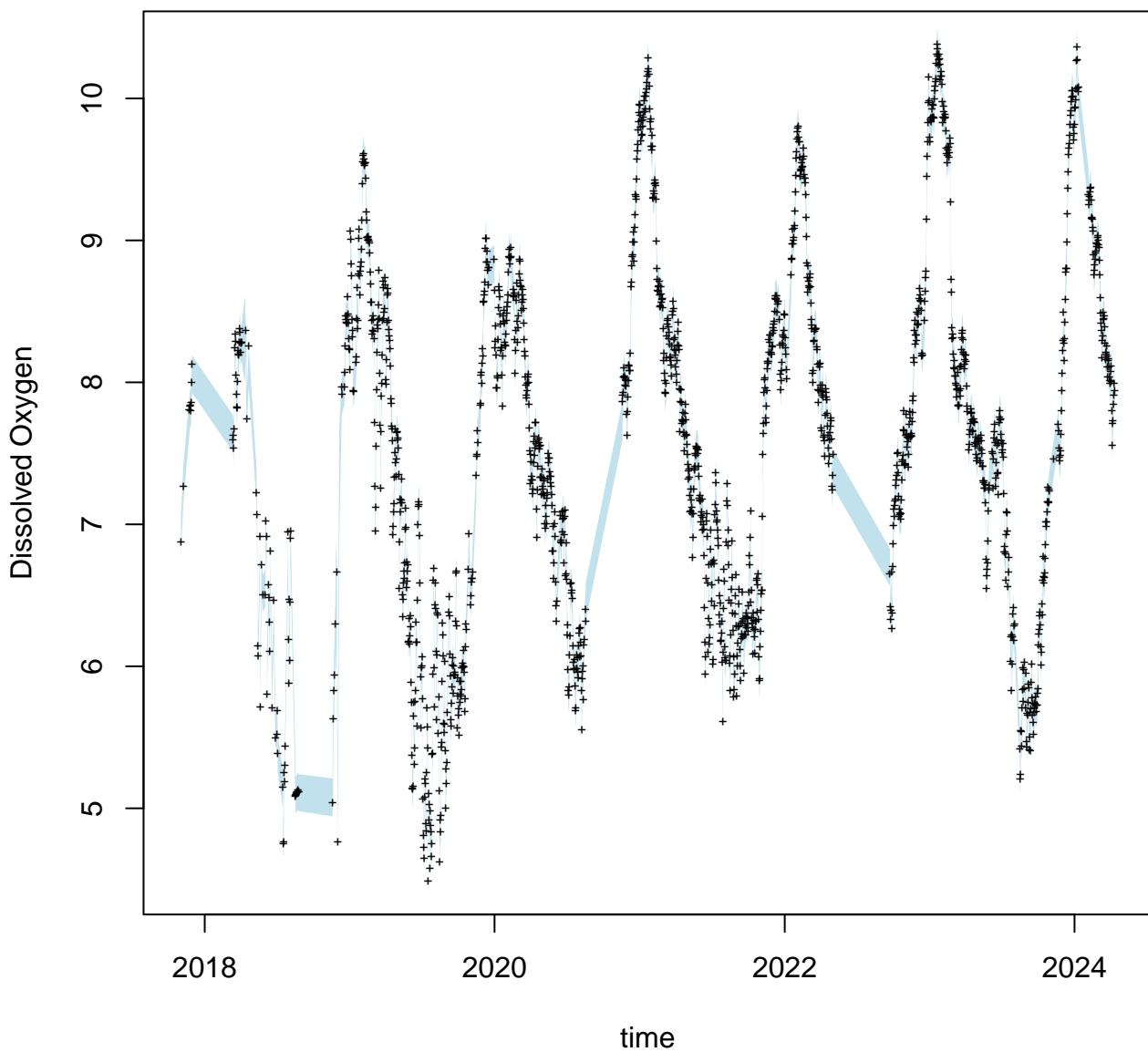
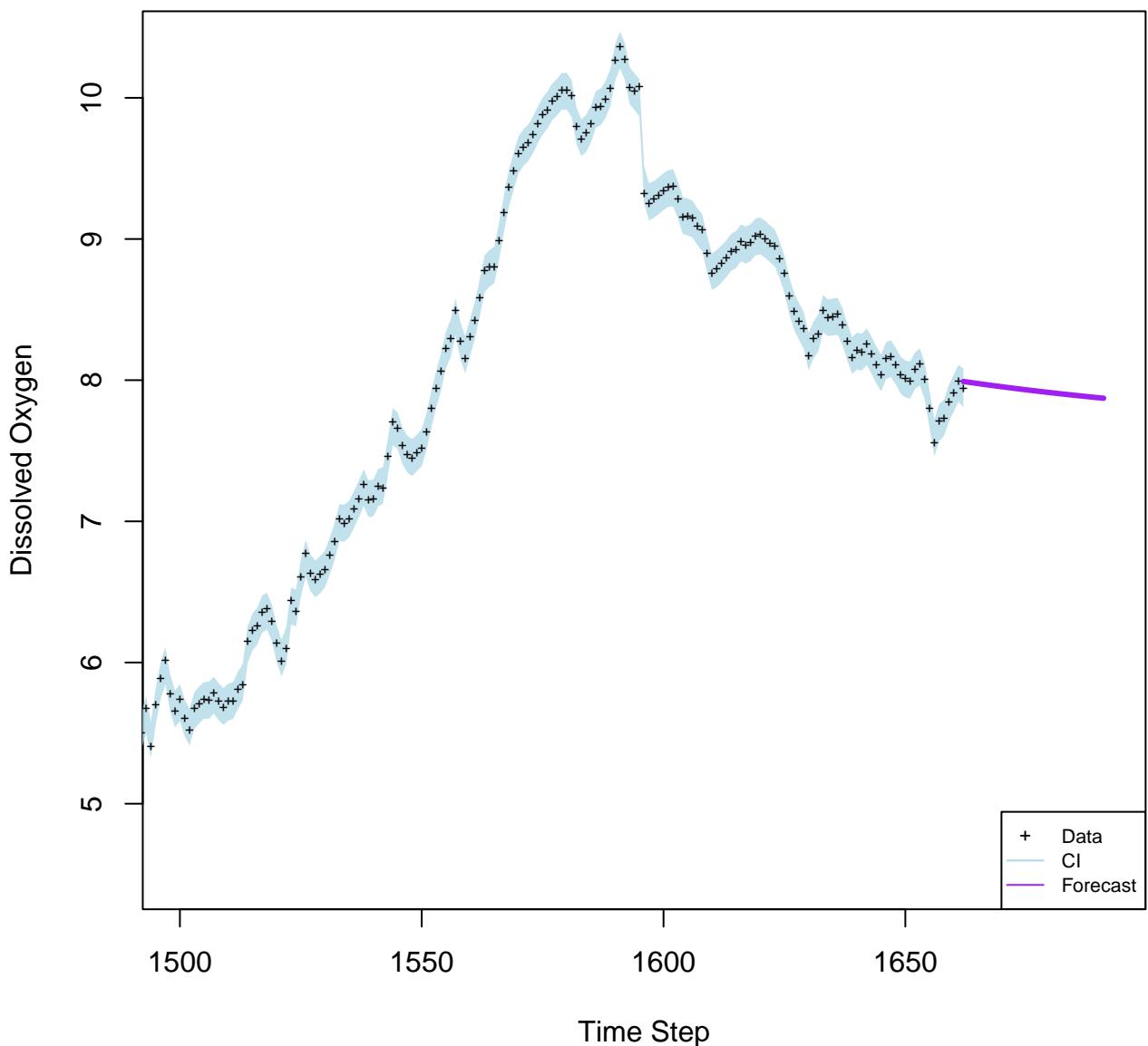


**Trace of betaIntercept****Density of betaIntercept****Trace of betaX****Density of betaX****Trace of tau\_add****Density of tau\_add****Trace of tau\_obs****Density of tau\_obs**

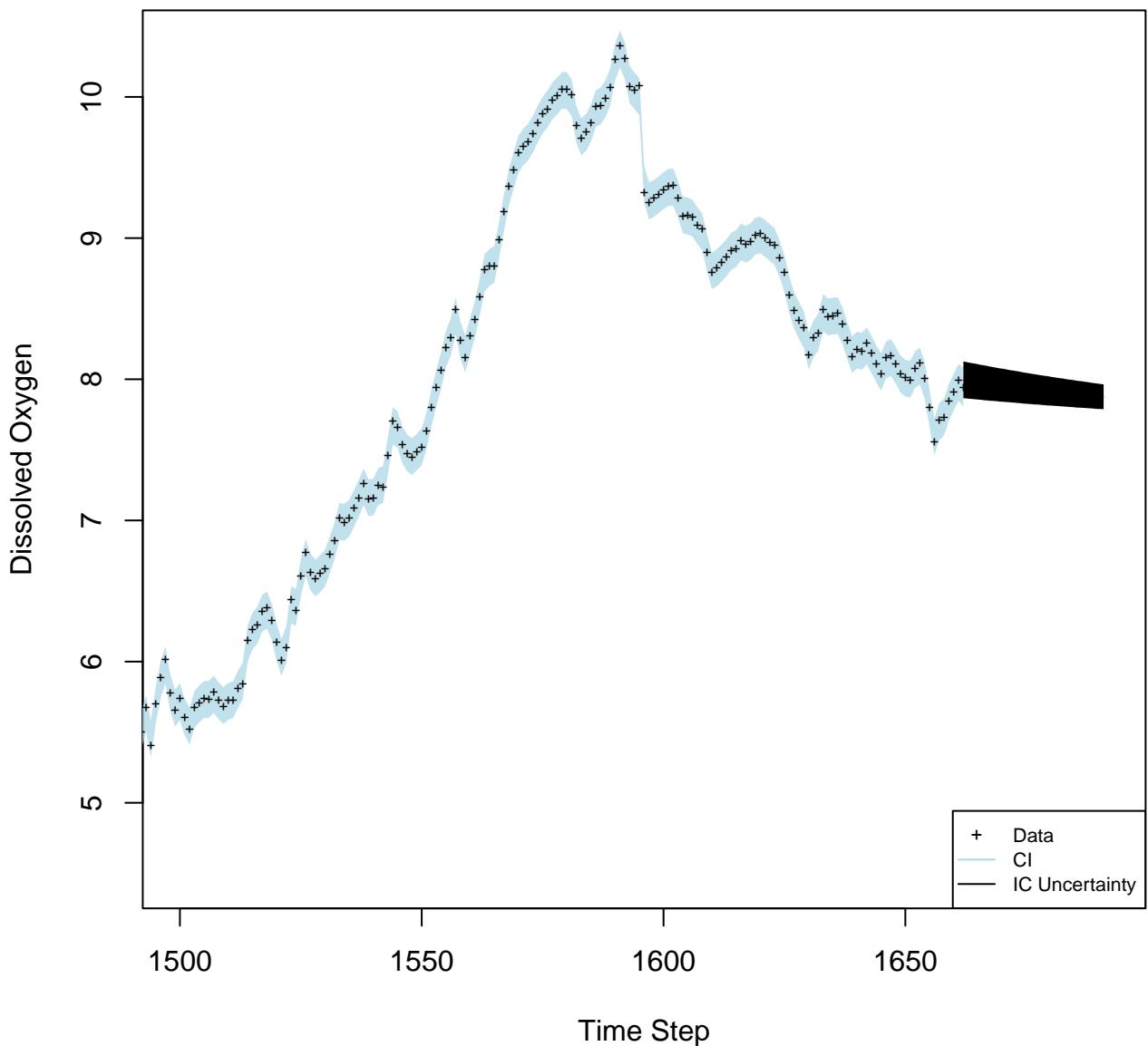




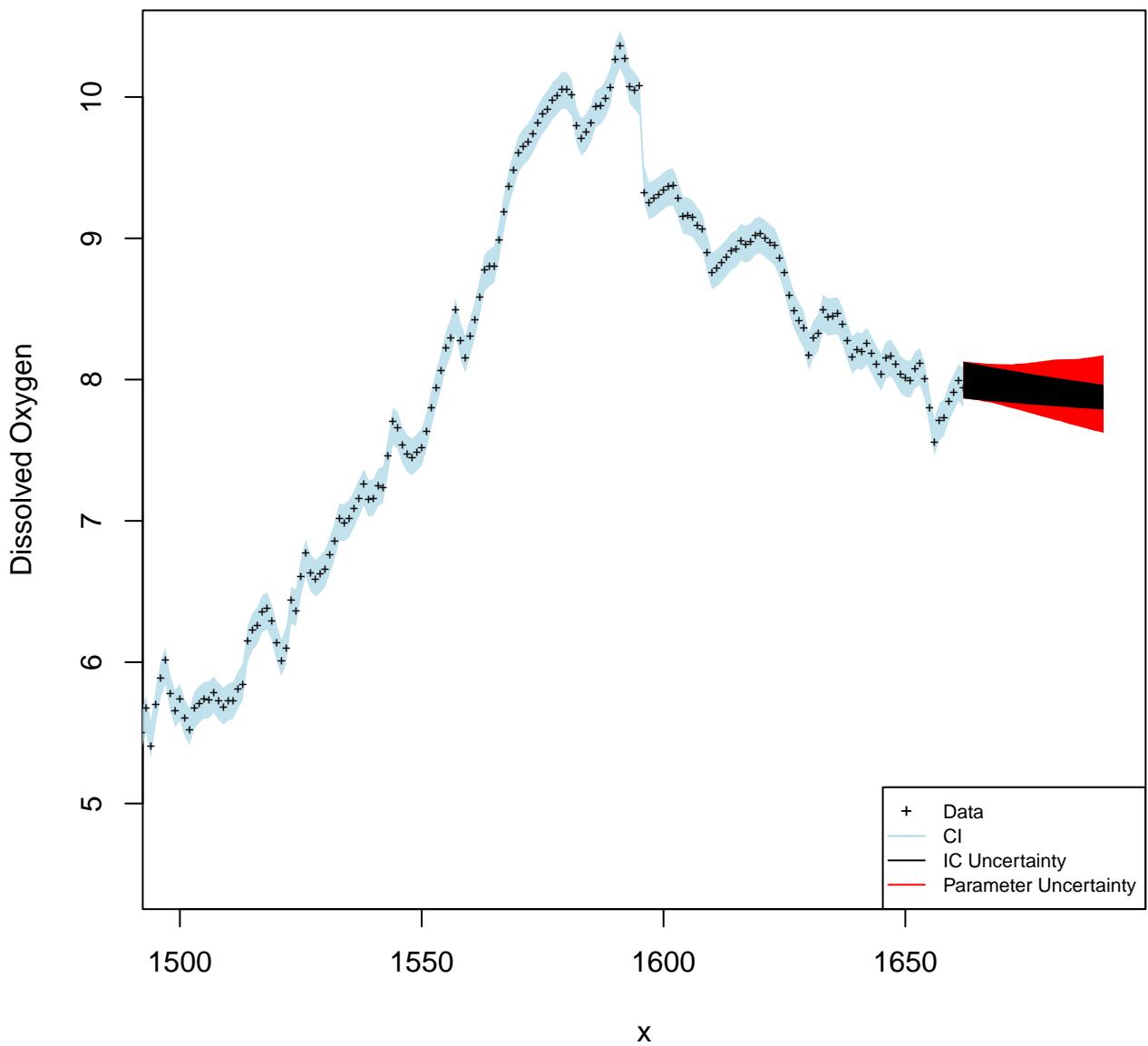
# Forecast



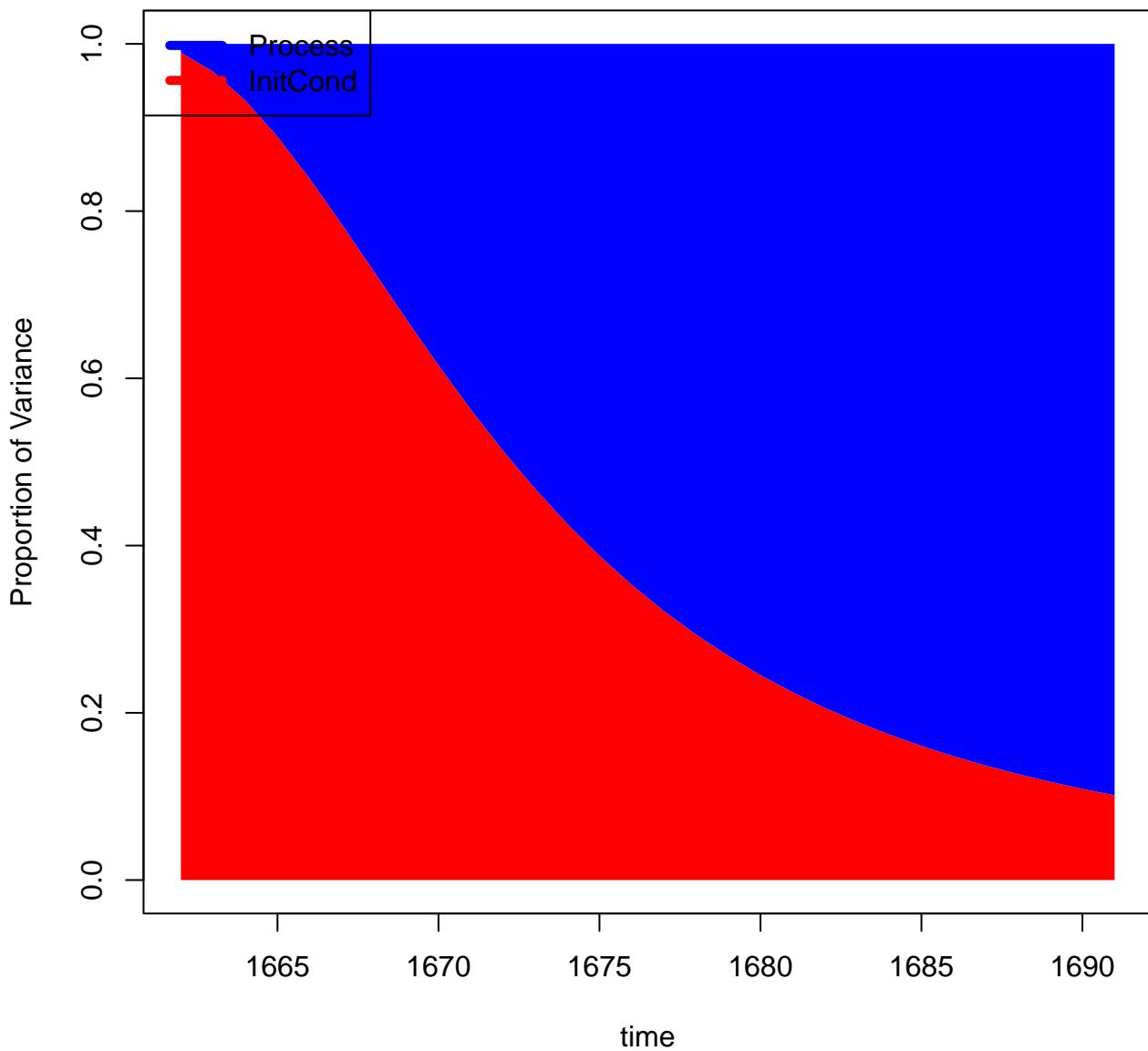
## Forecast with Initial Condition Uncertainty



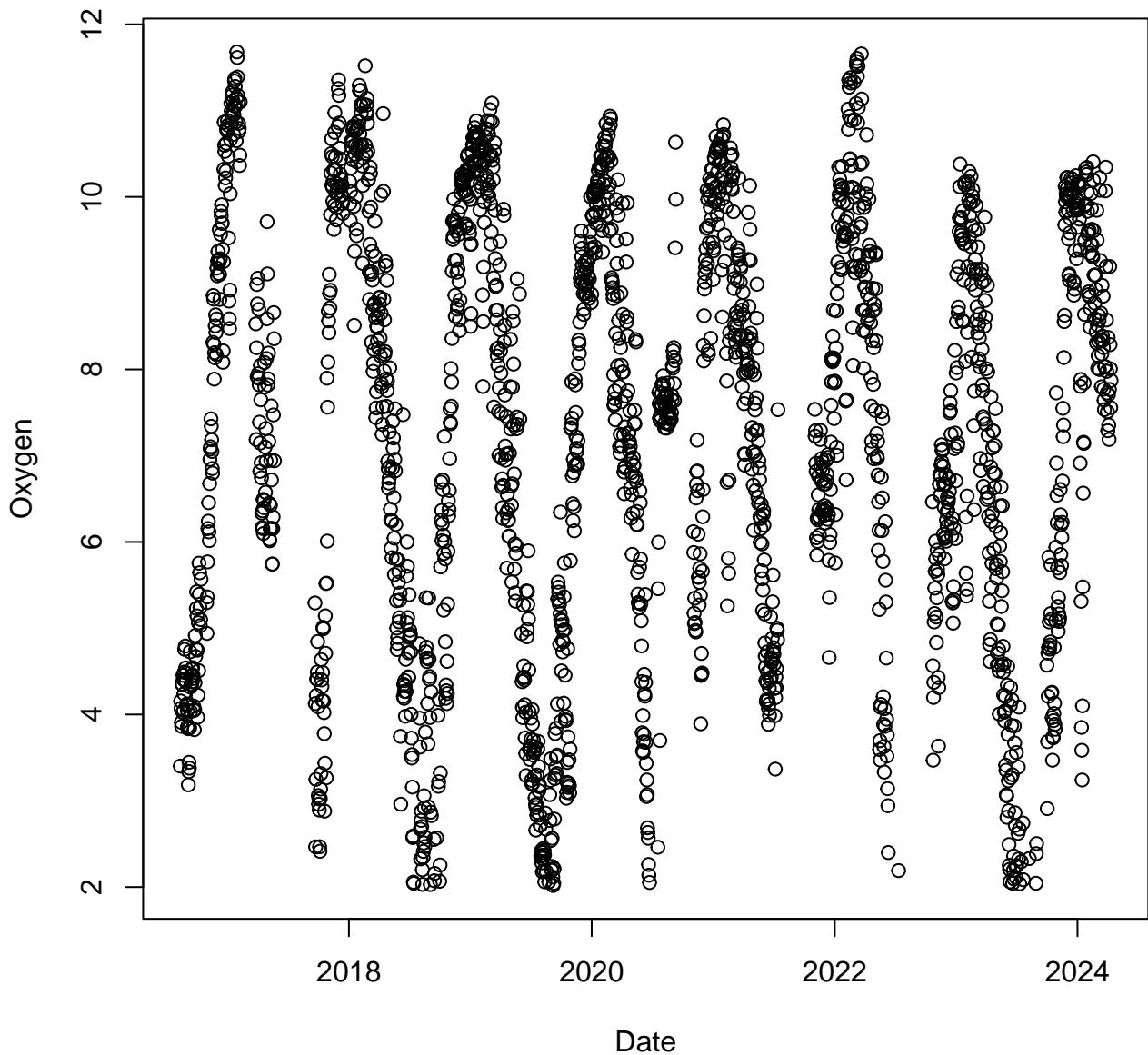
## Forecast with IC and Parameter Uncertainty



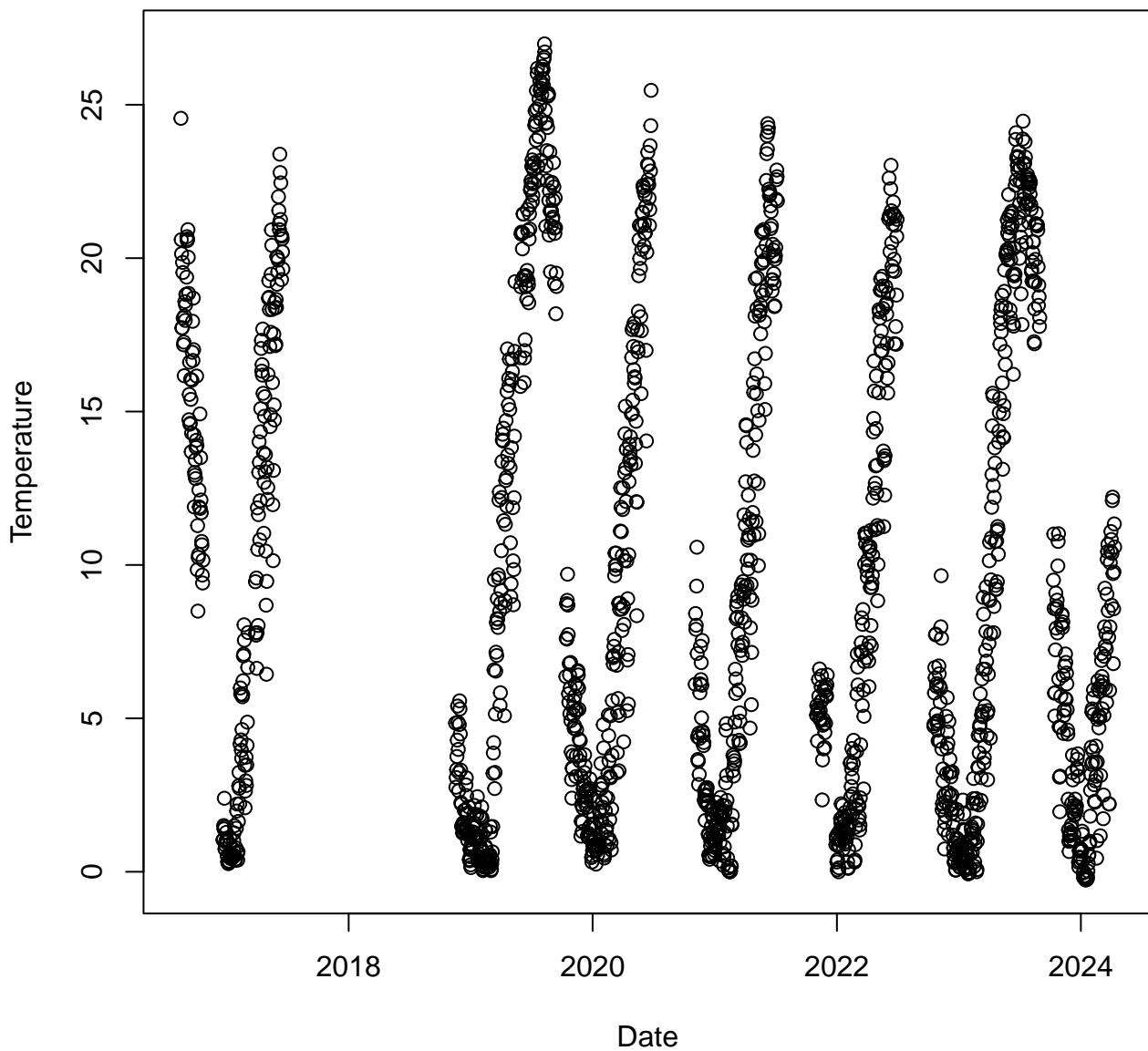
## Relative Variance: In-Sample



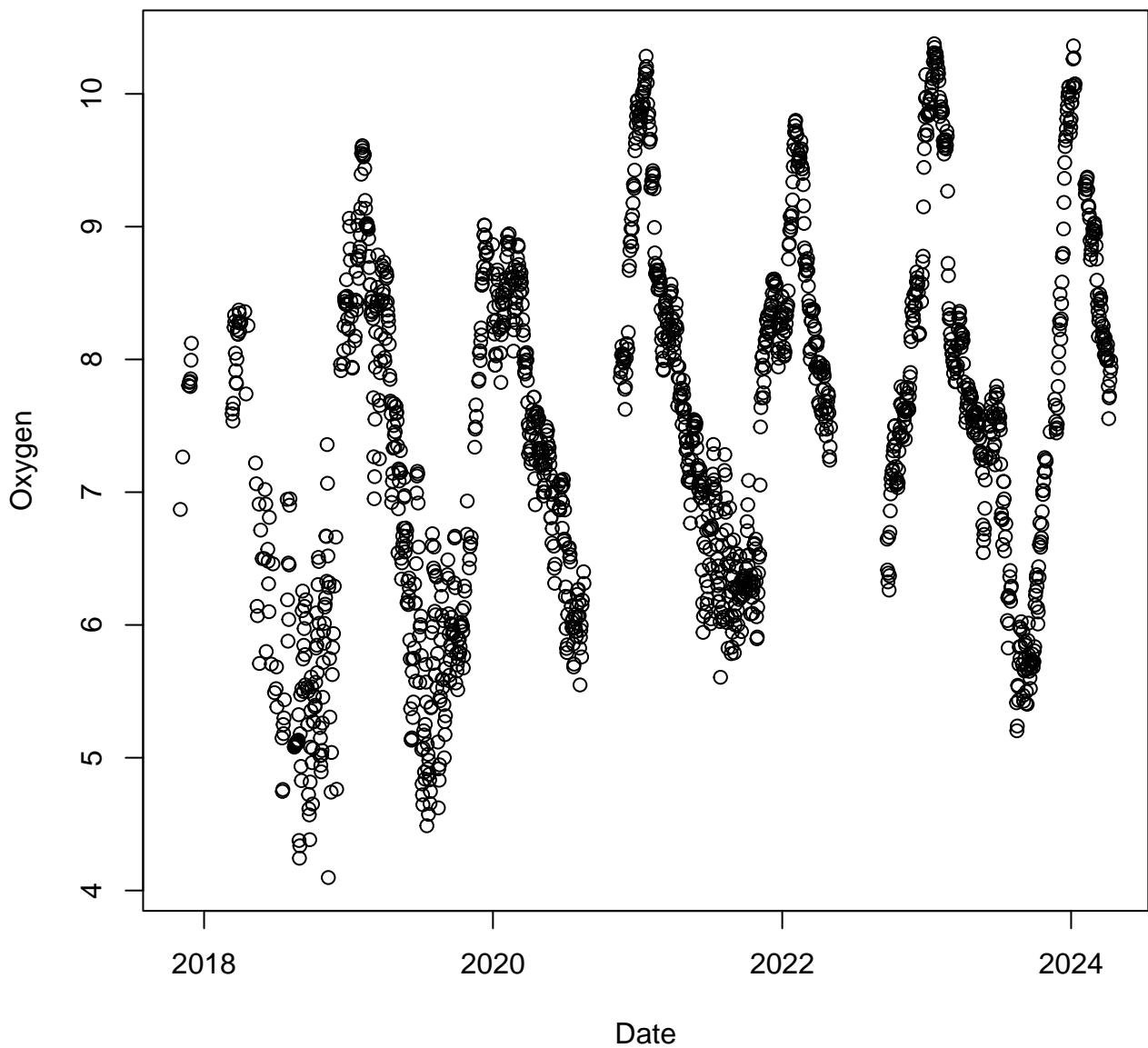
# ARIK



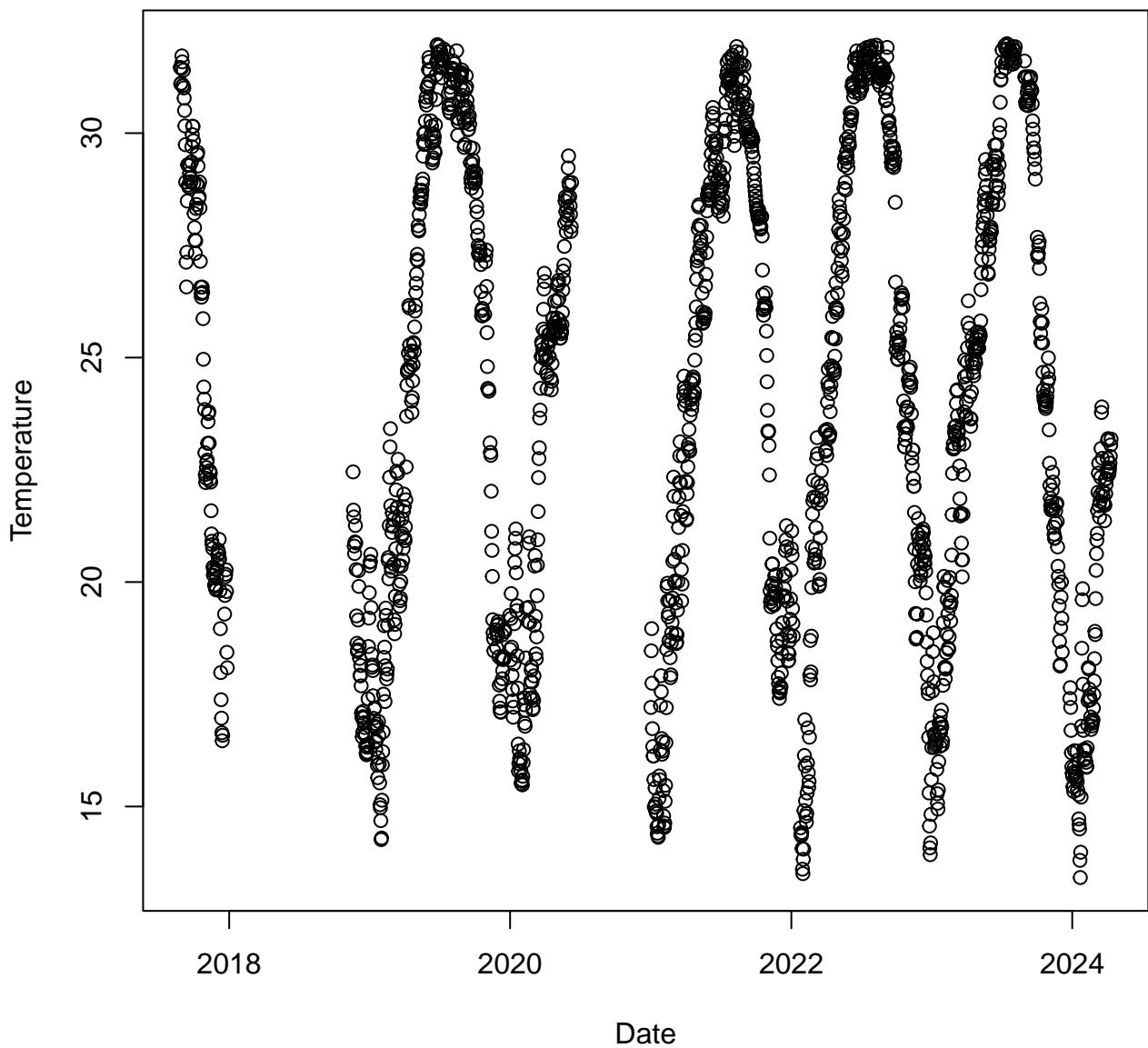
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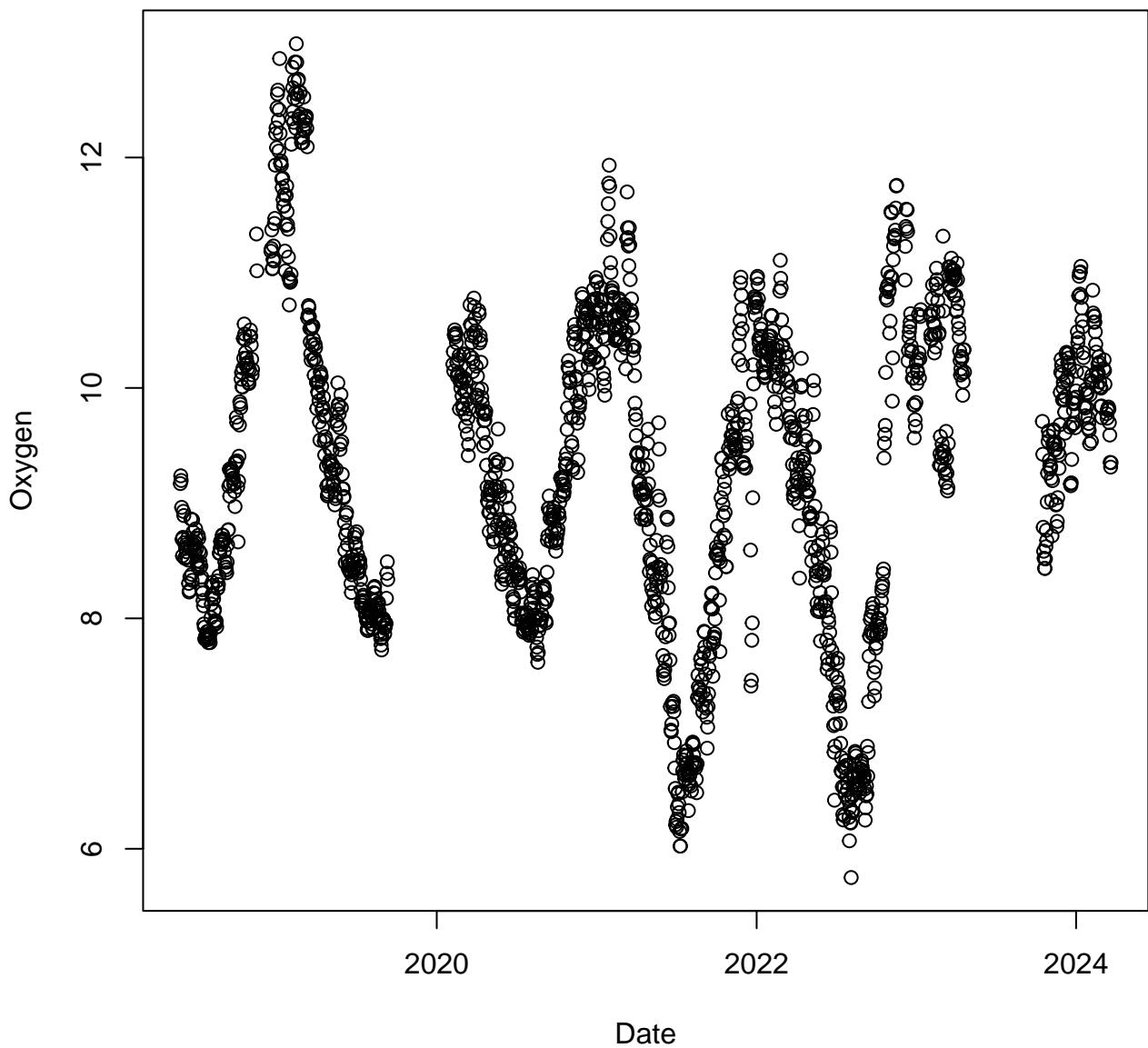
# BARC



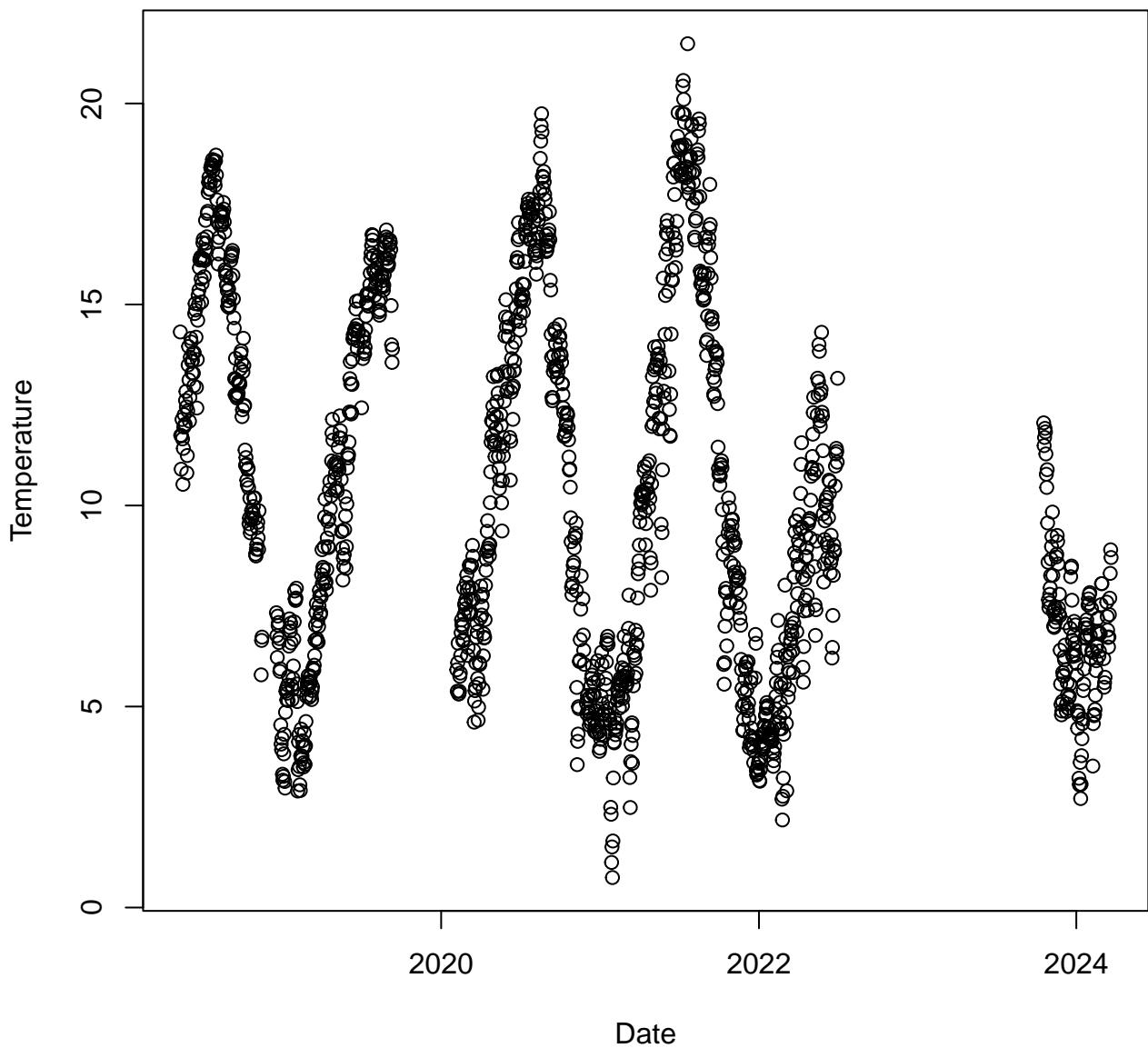
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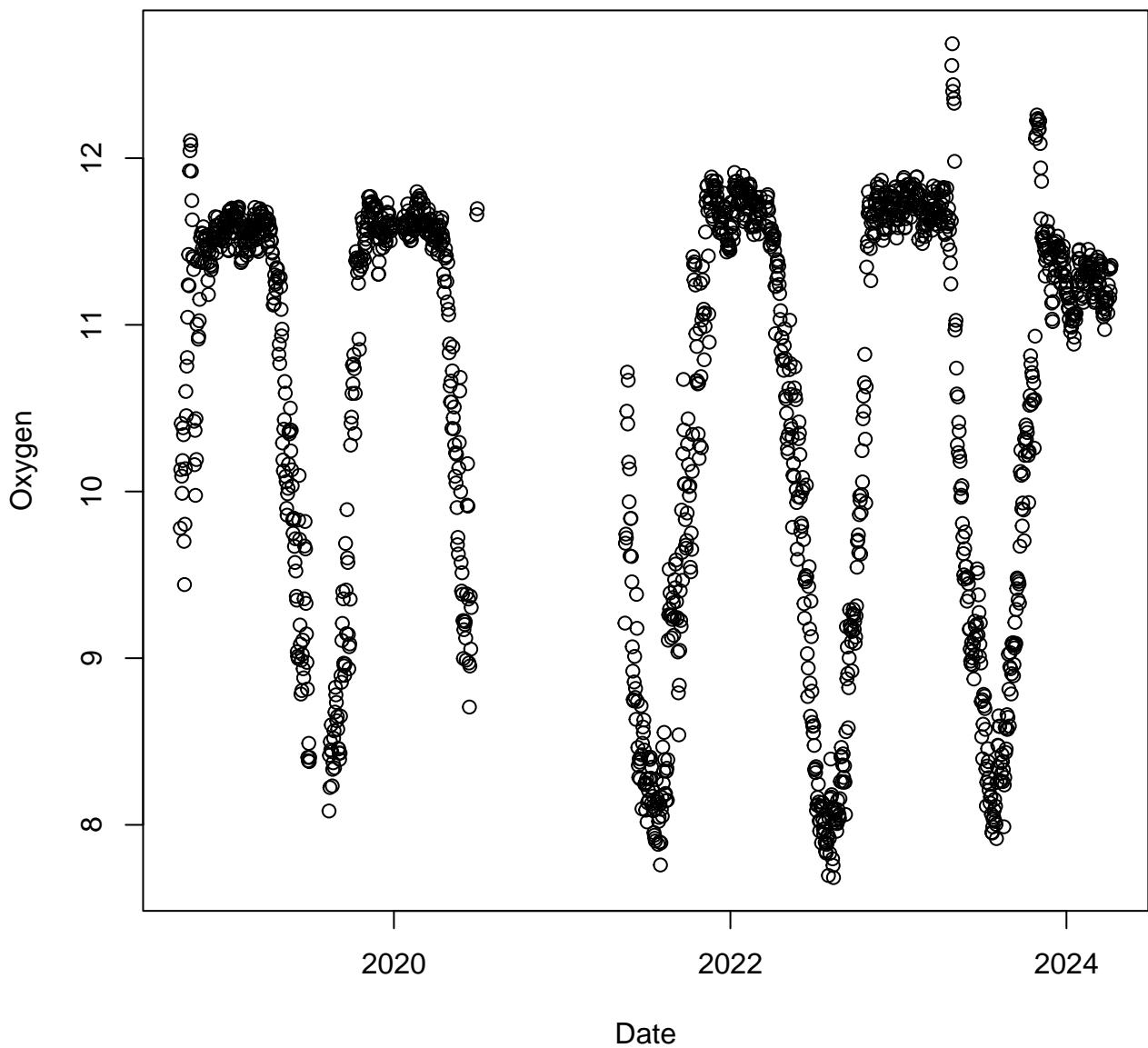
# BIGC



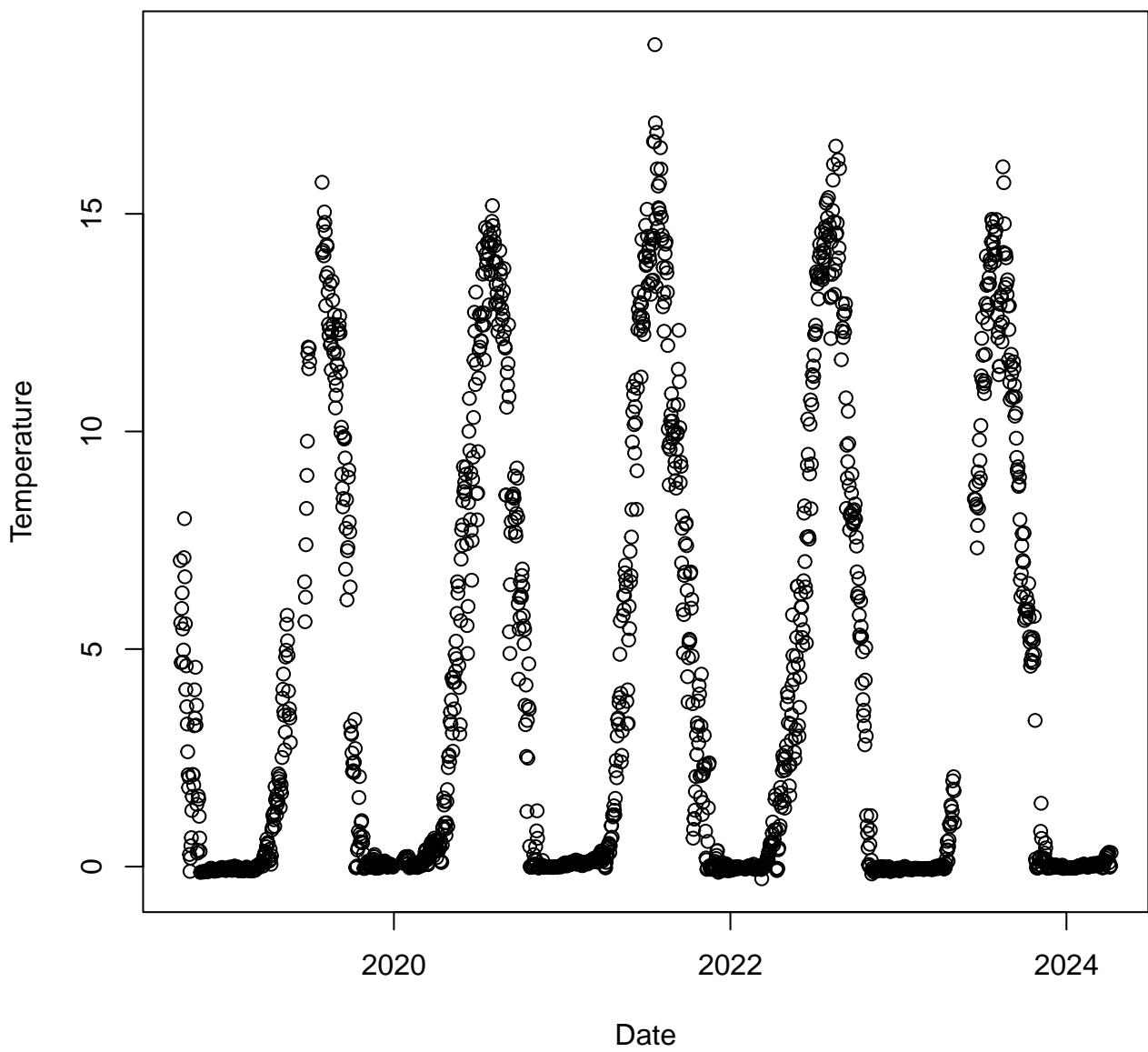
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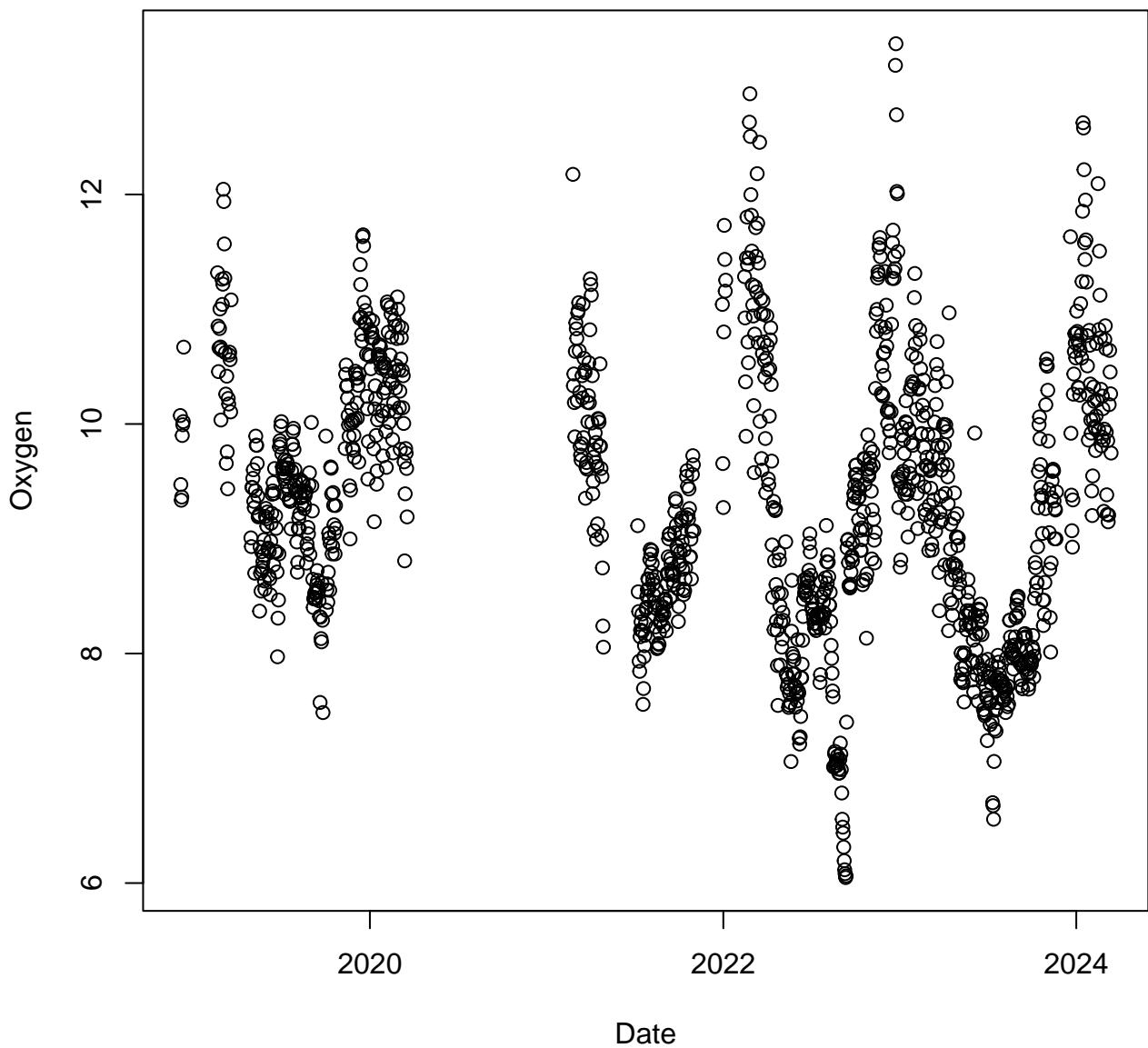
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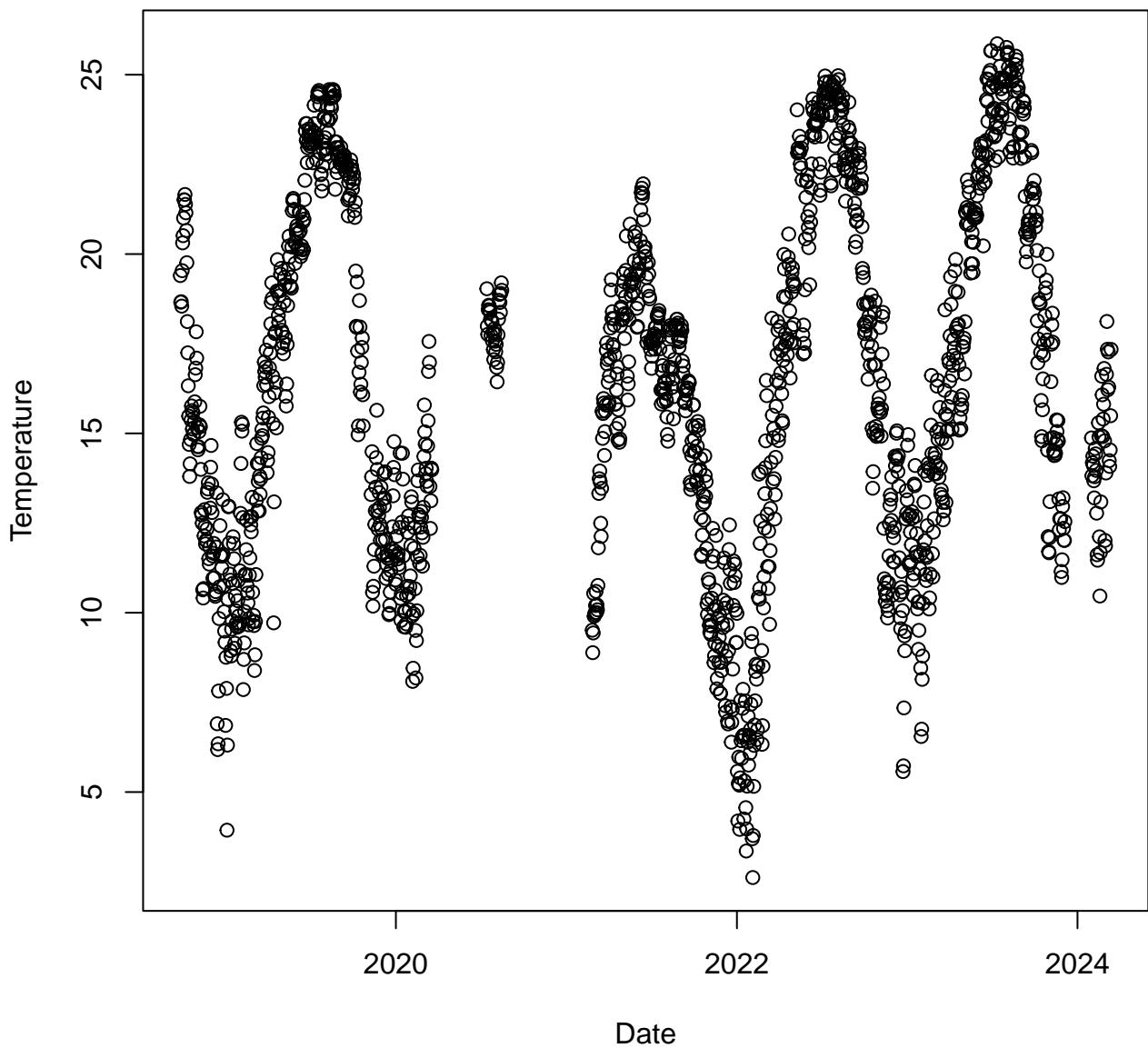
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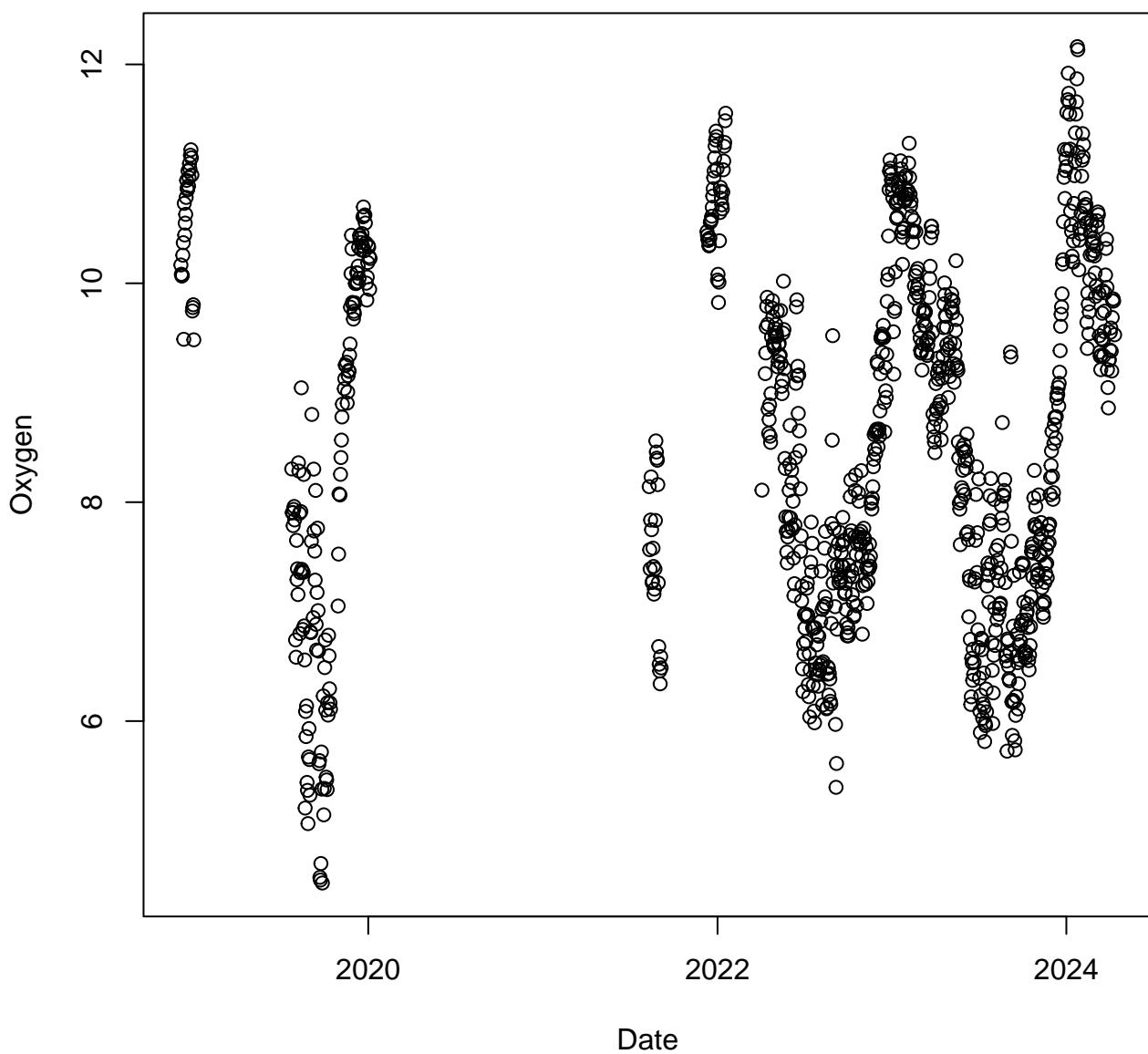
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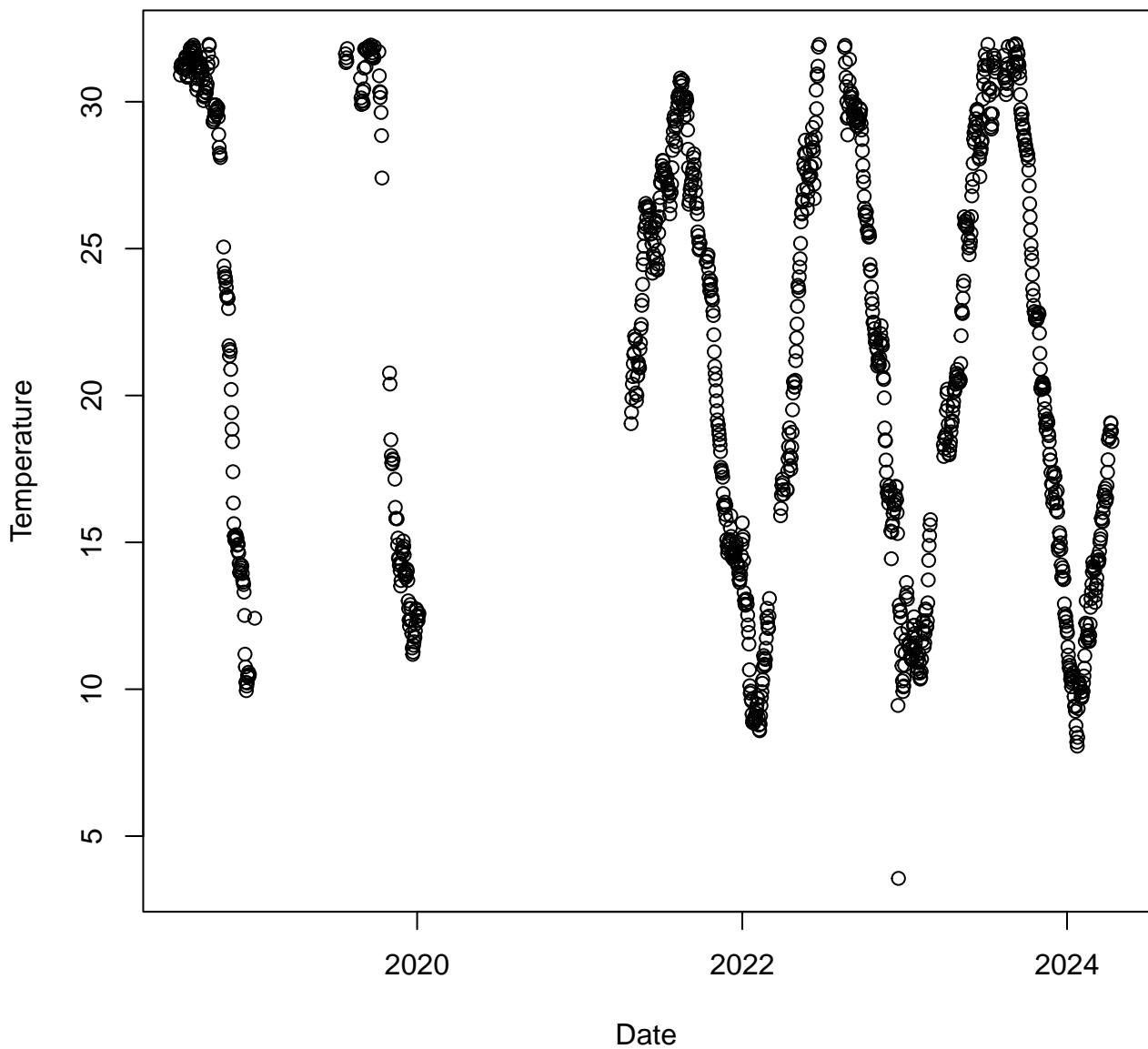
**BLUE**



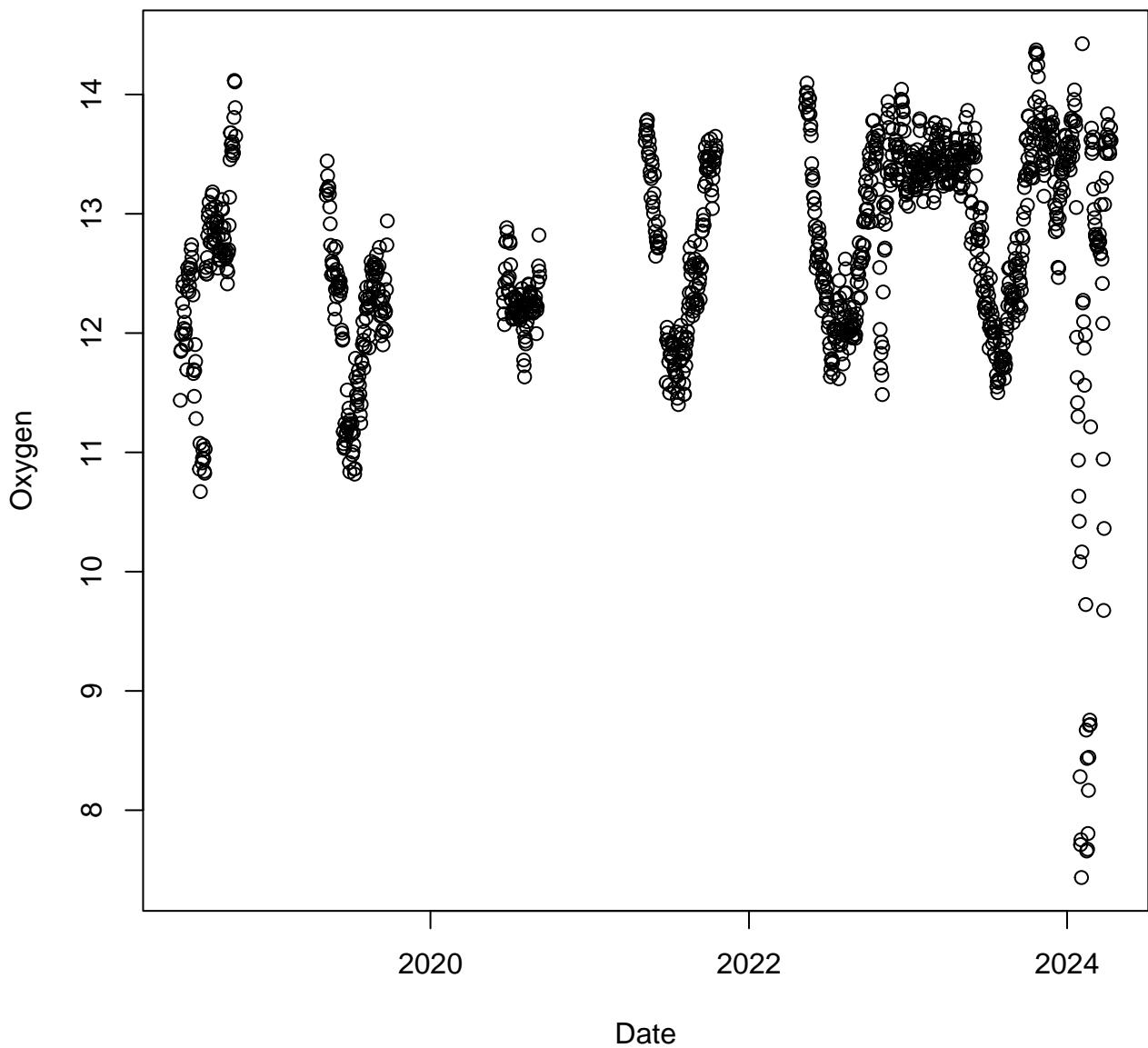
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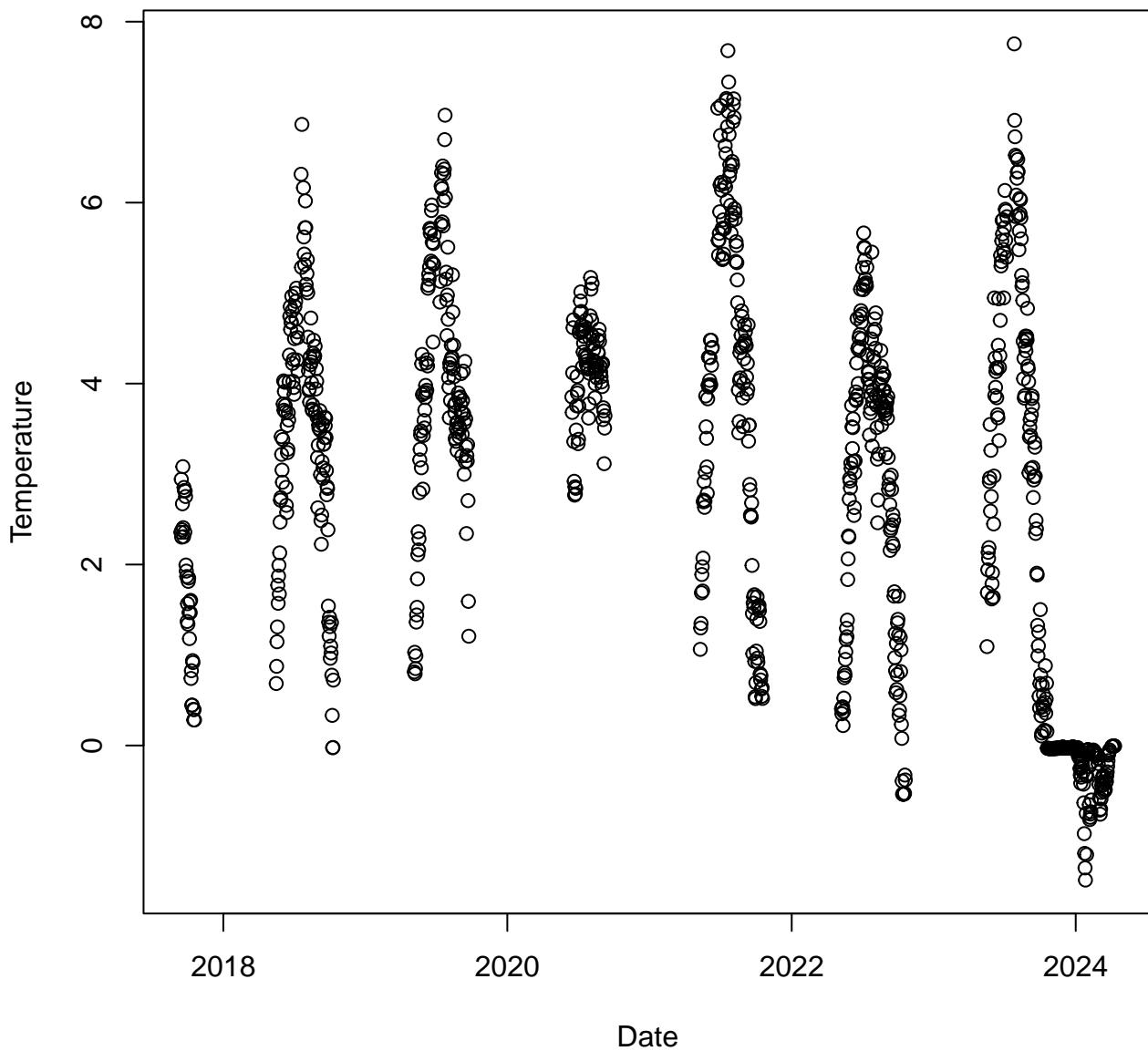
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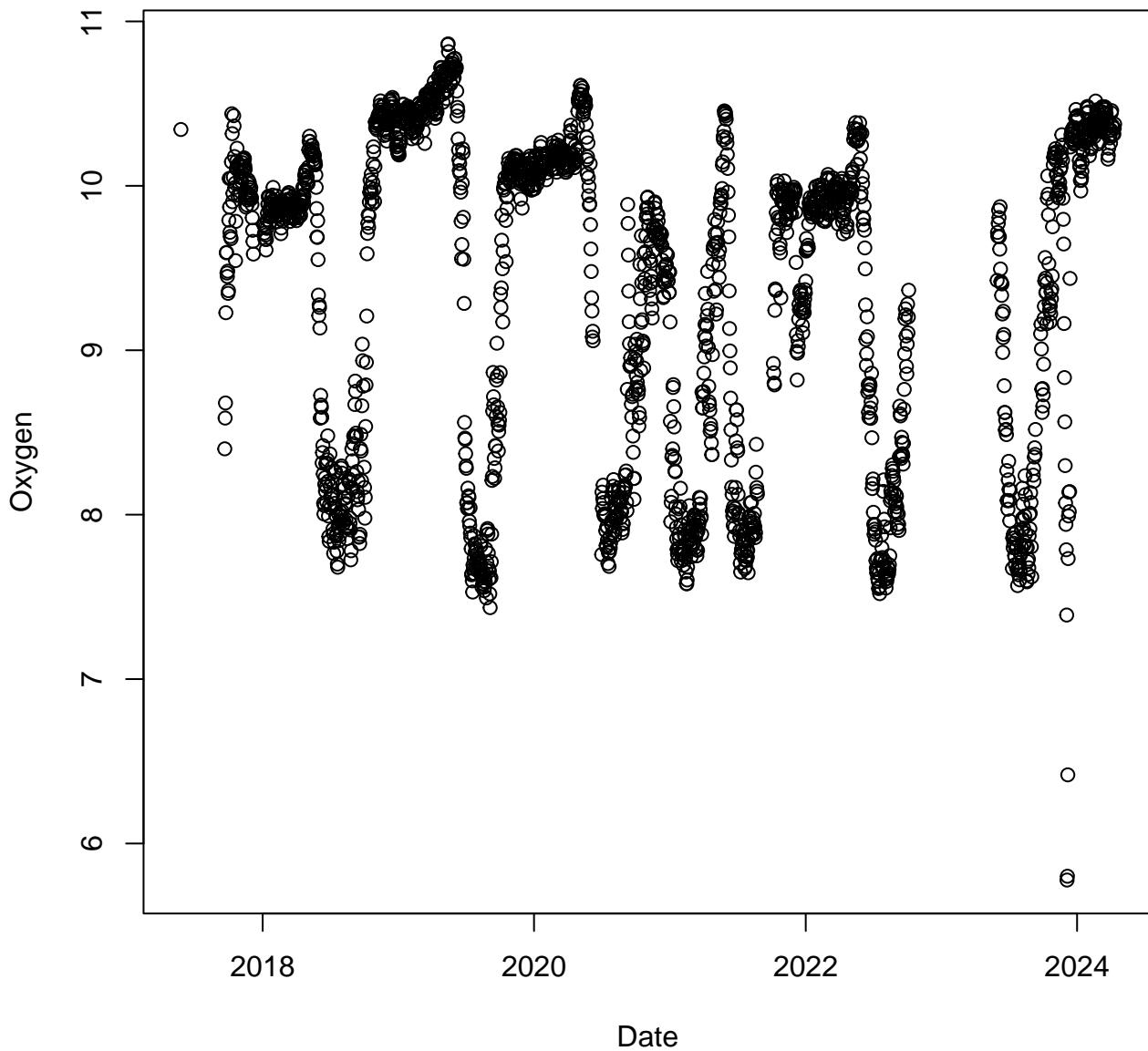
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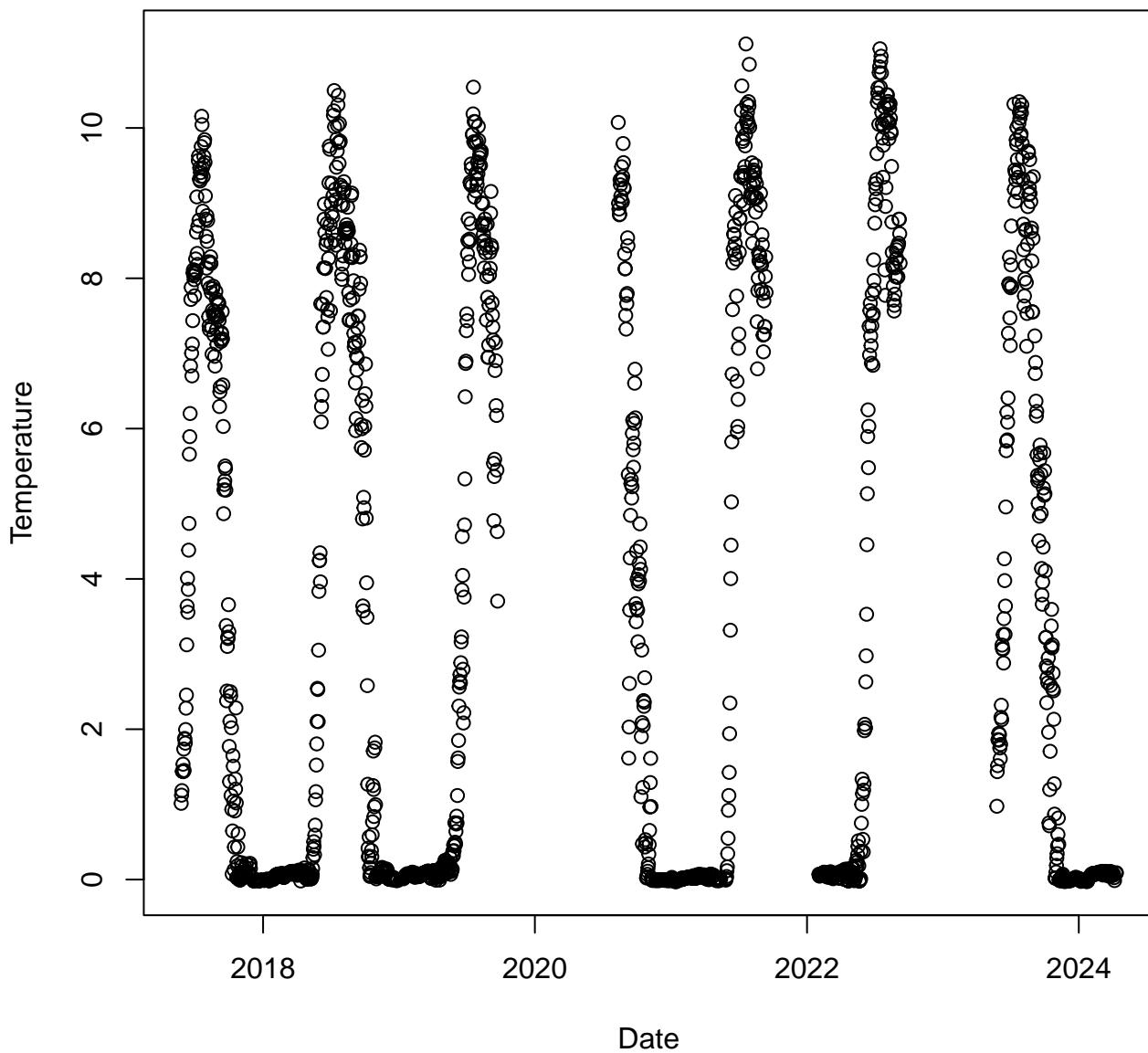
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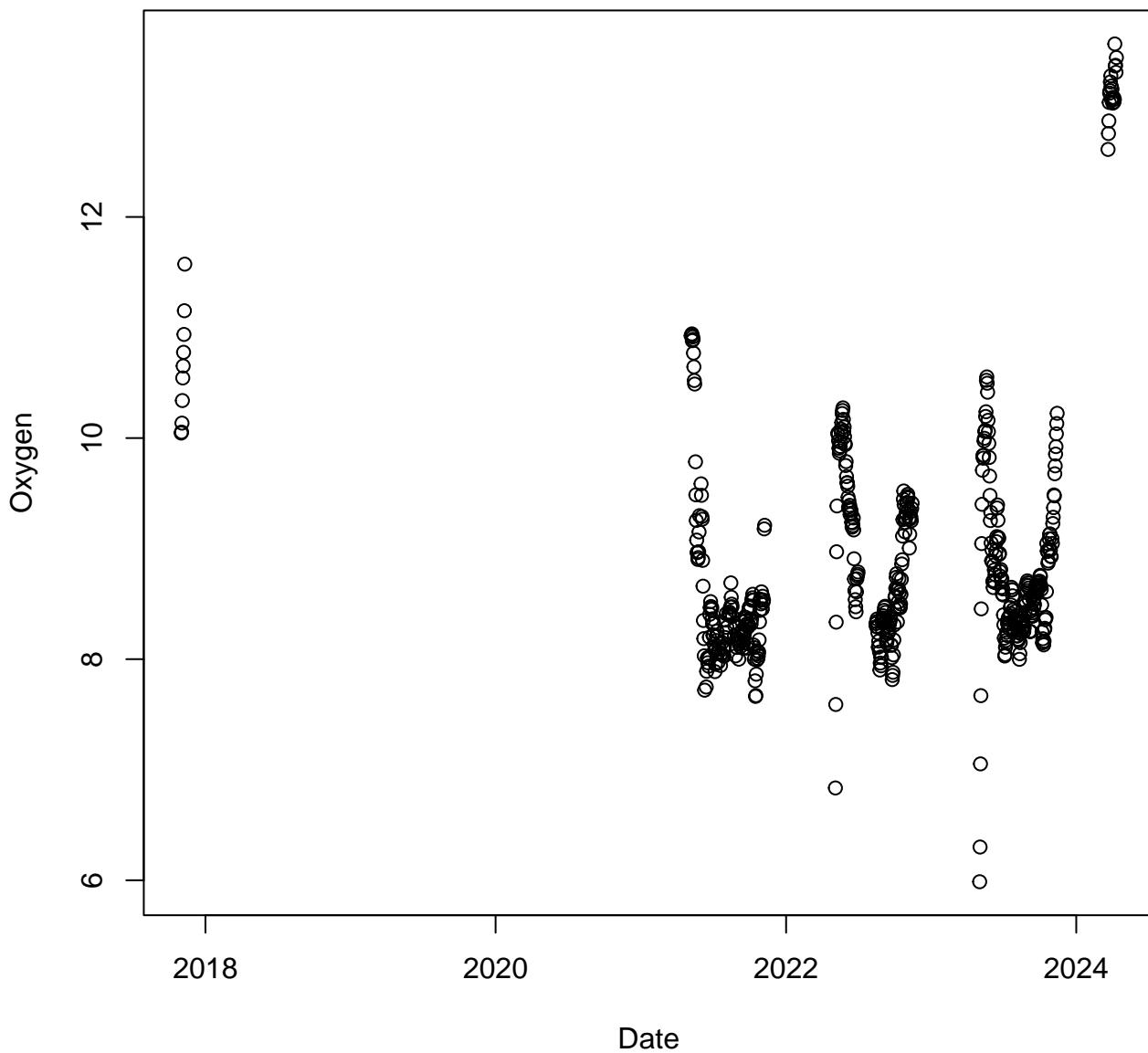
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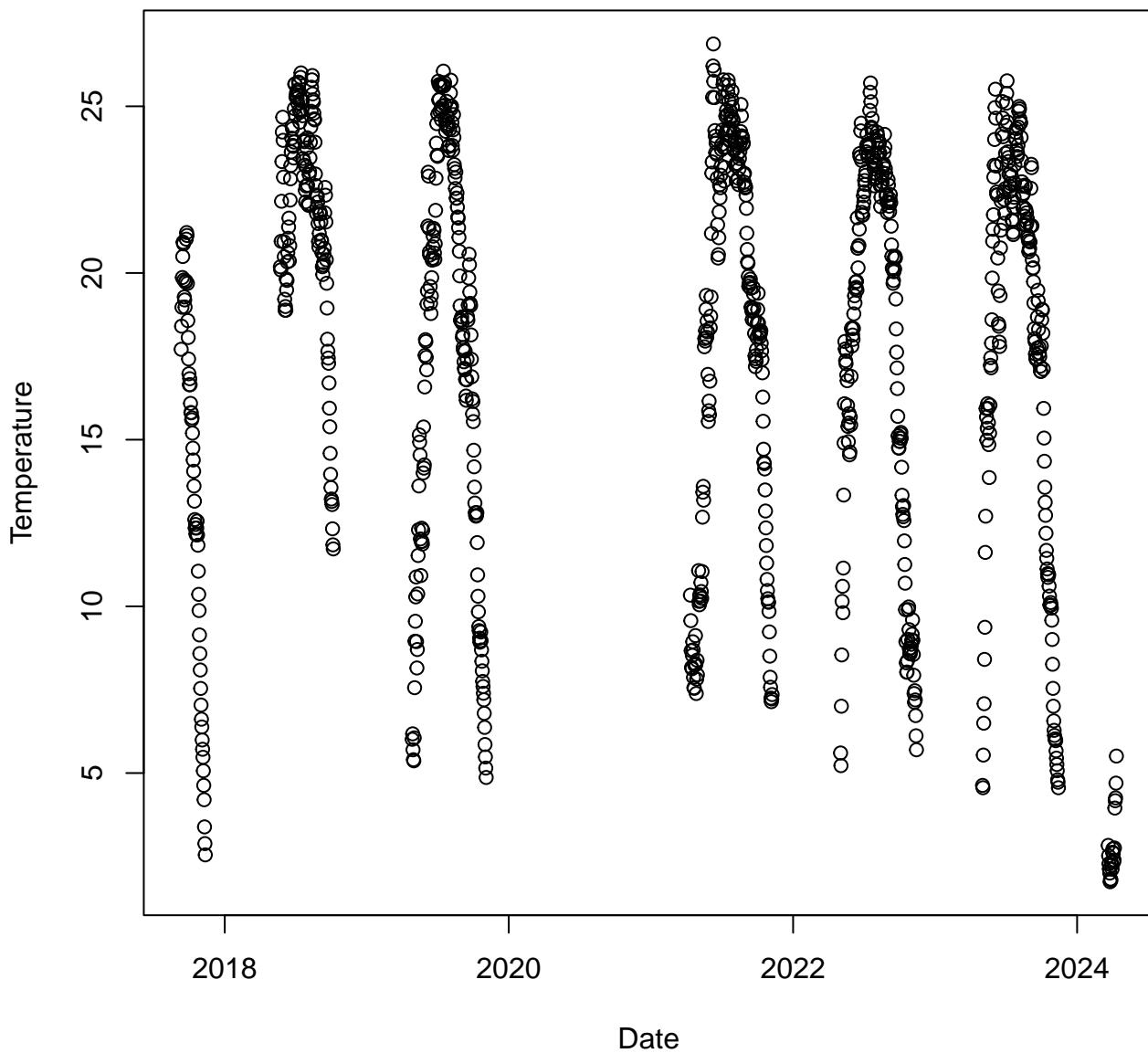
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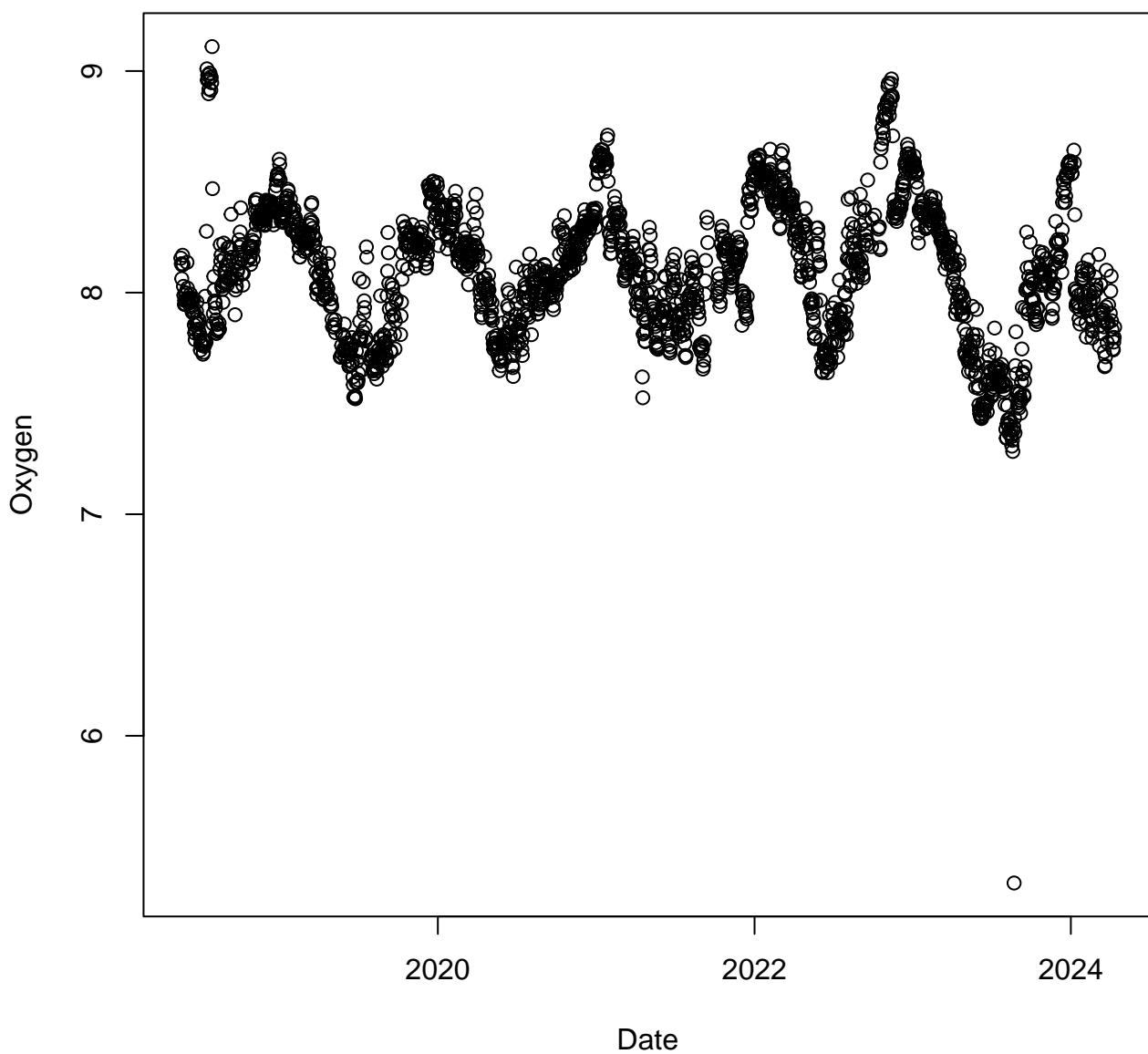
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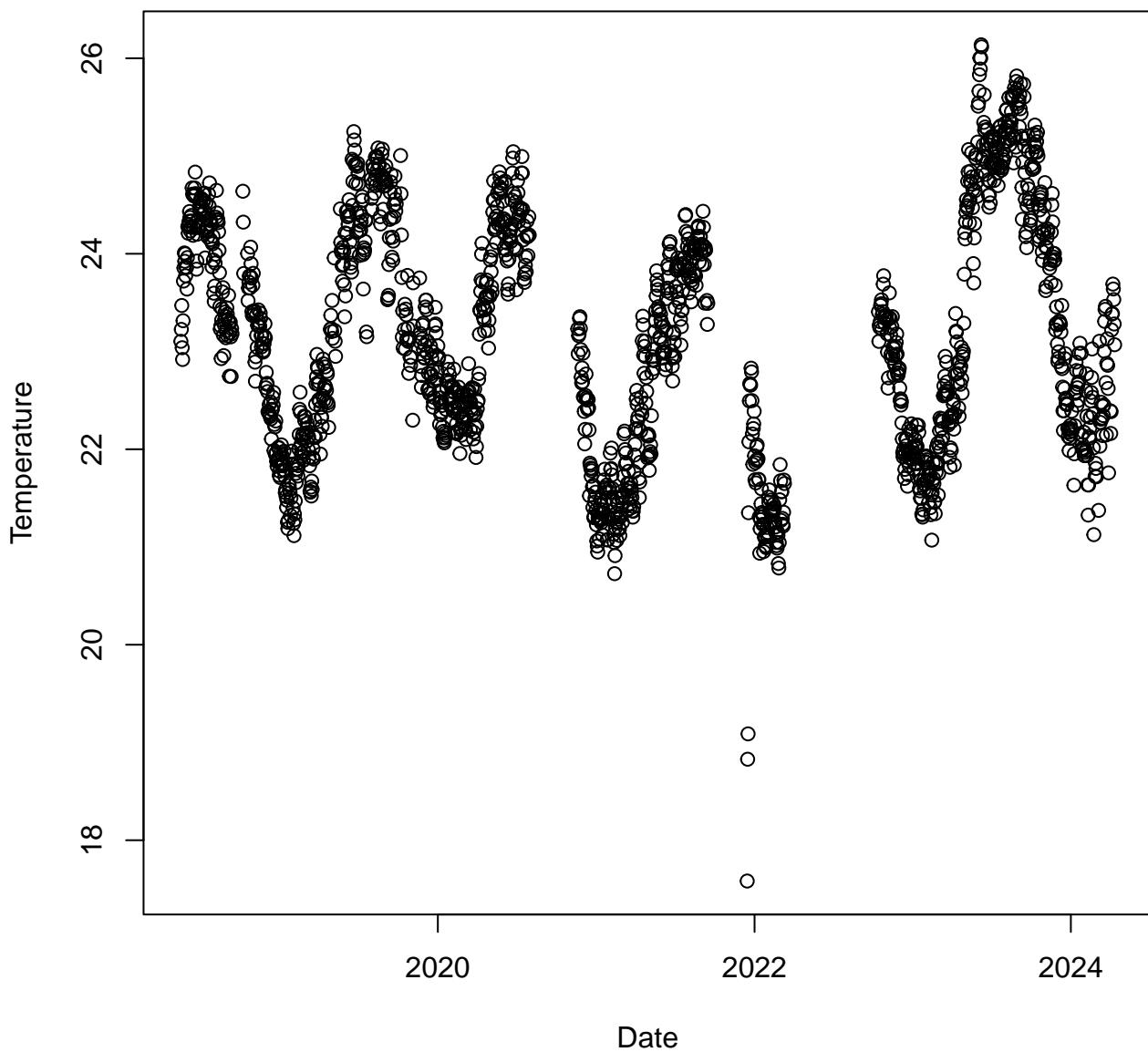
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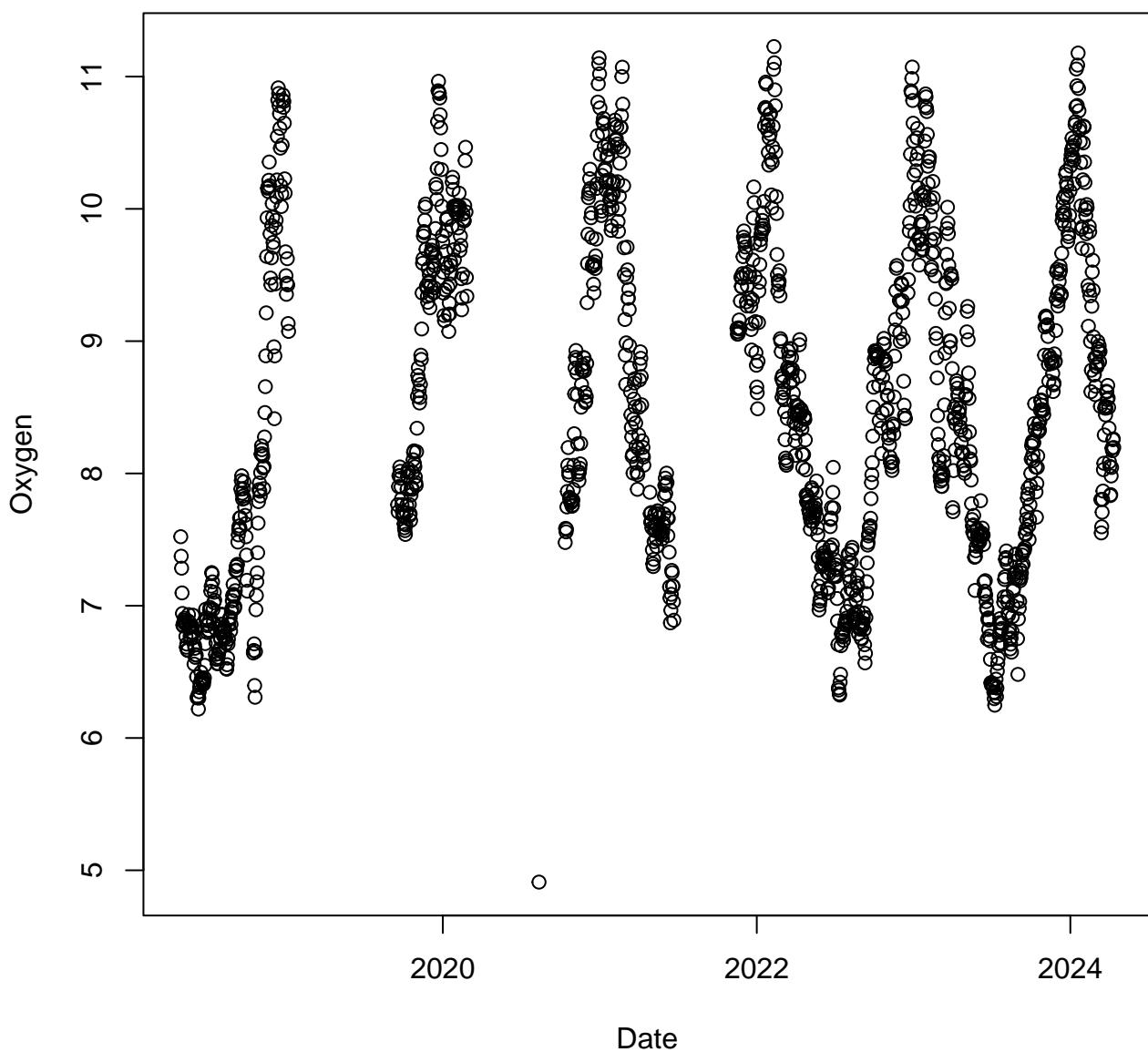
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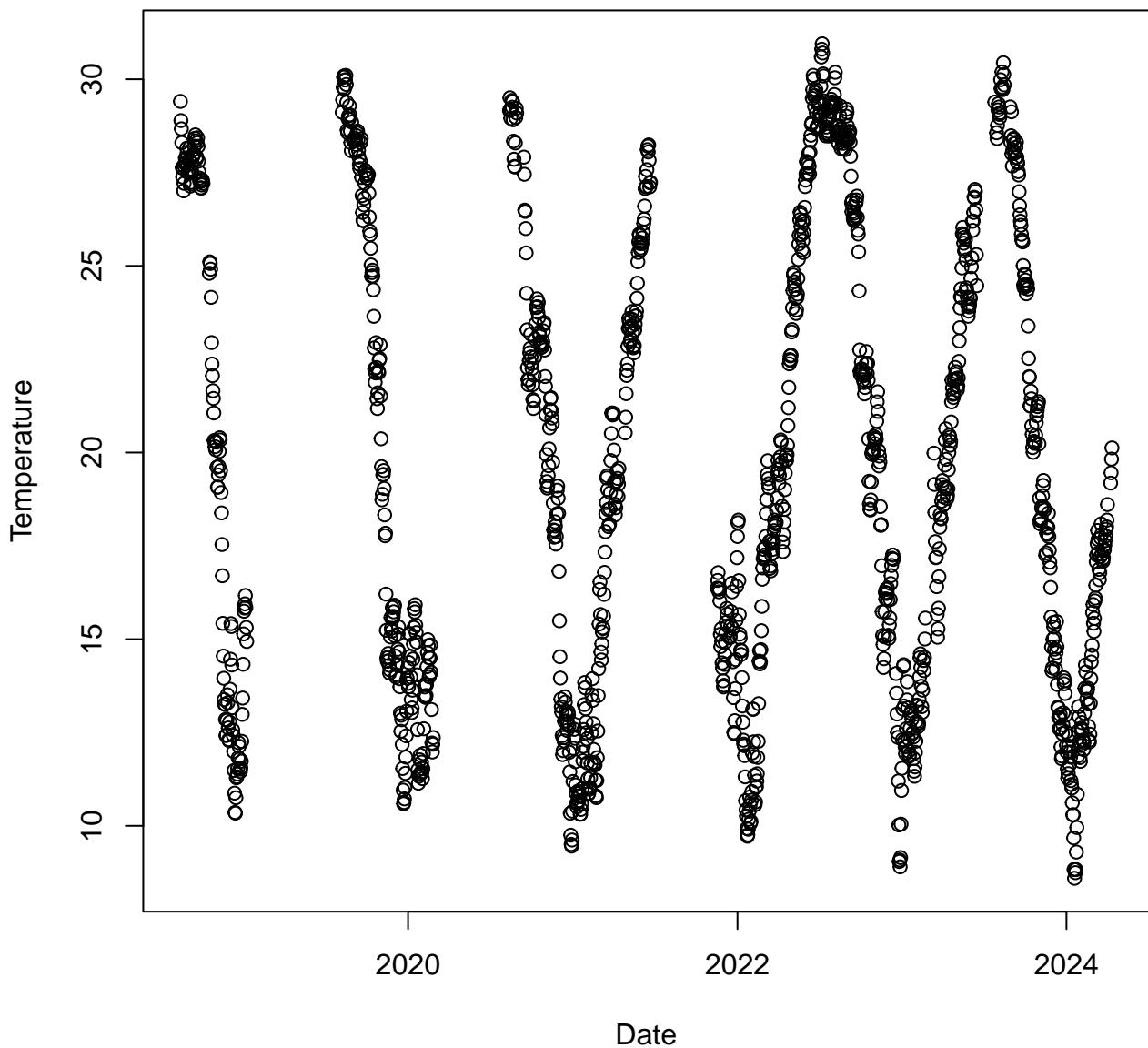
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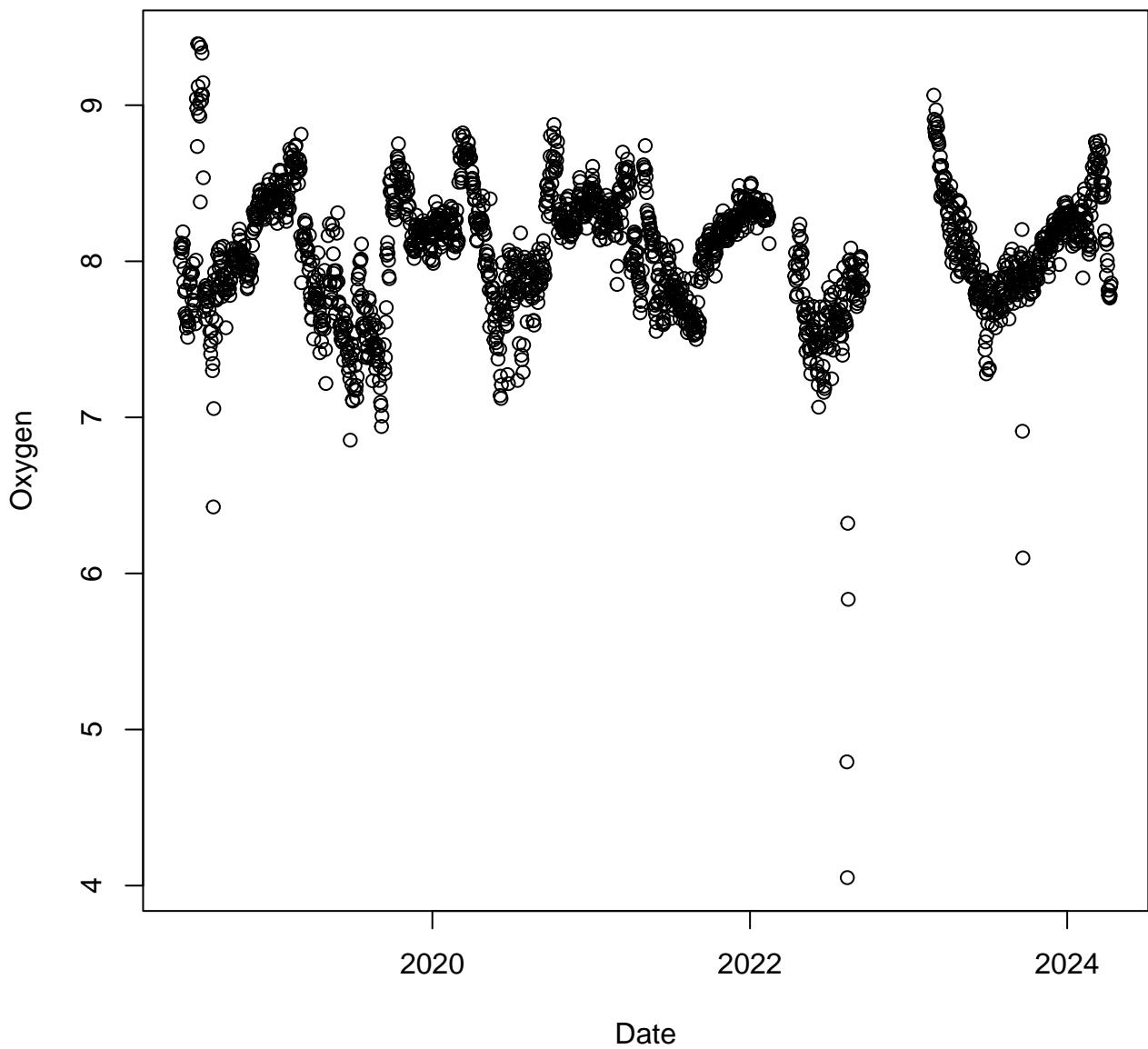
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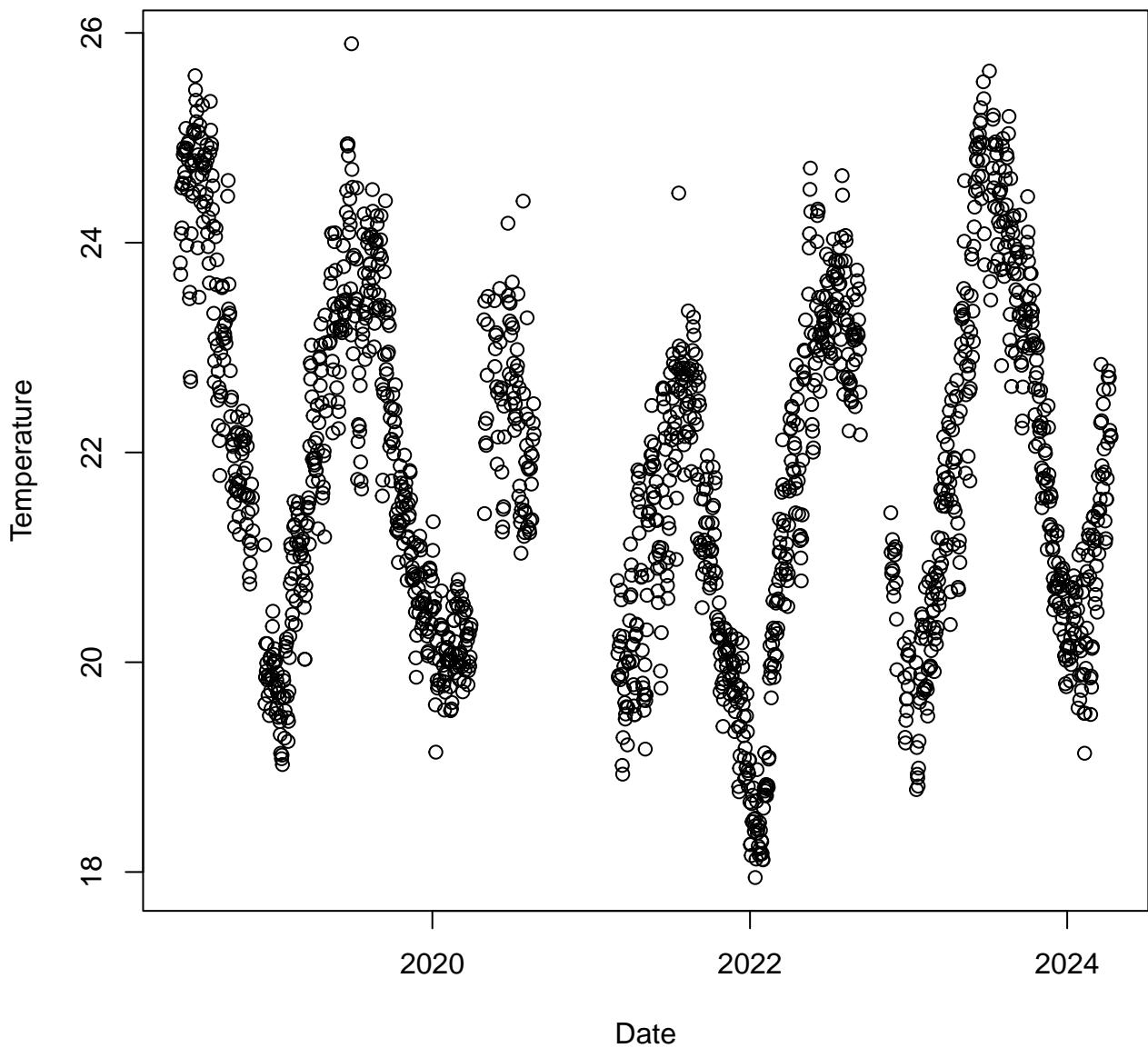
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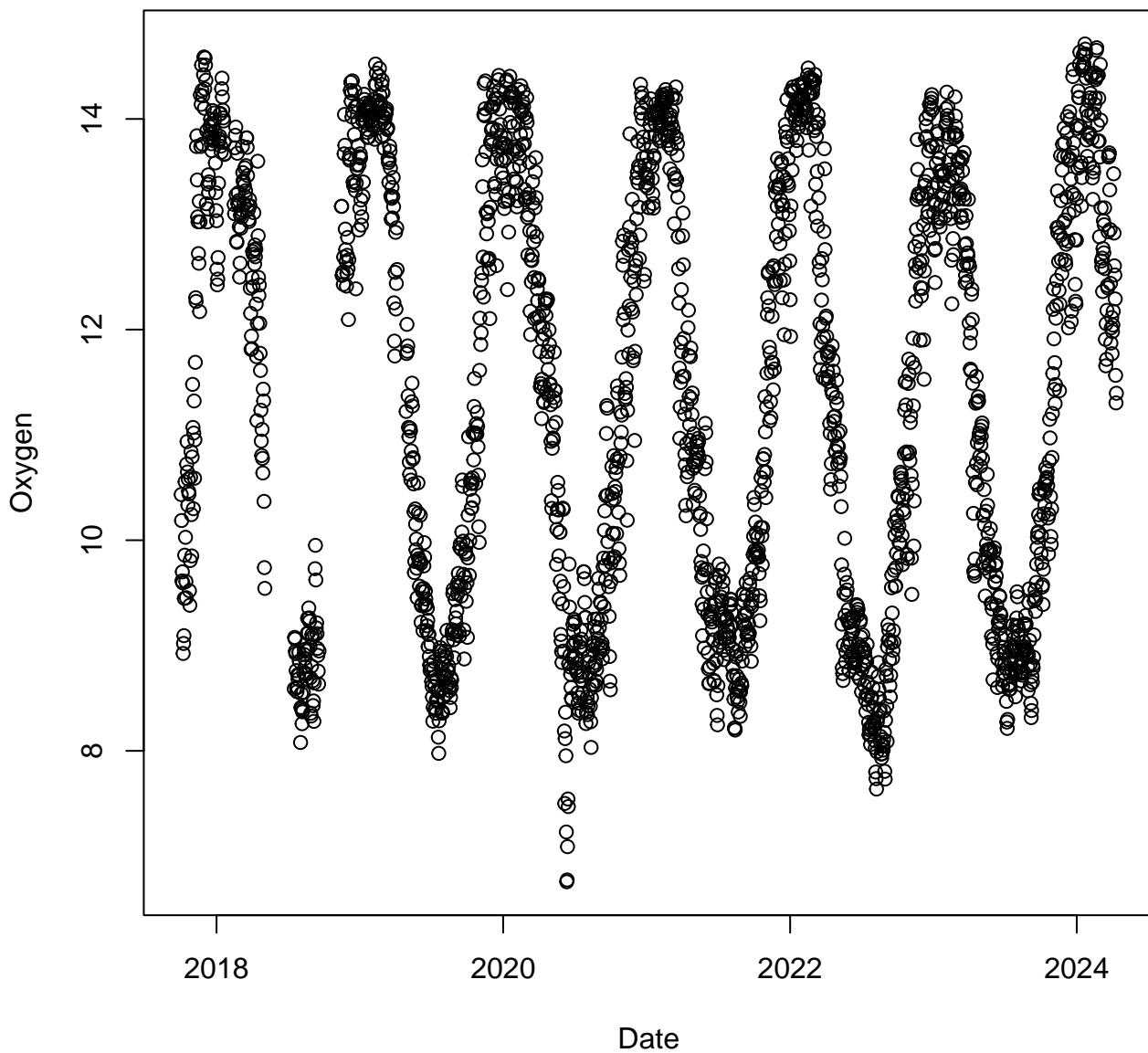
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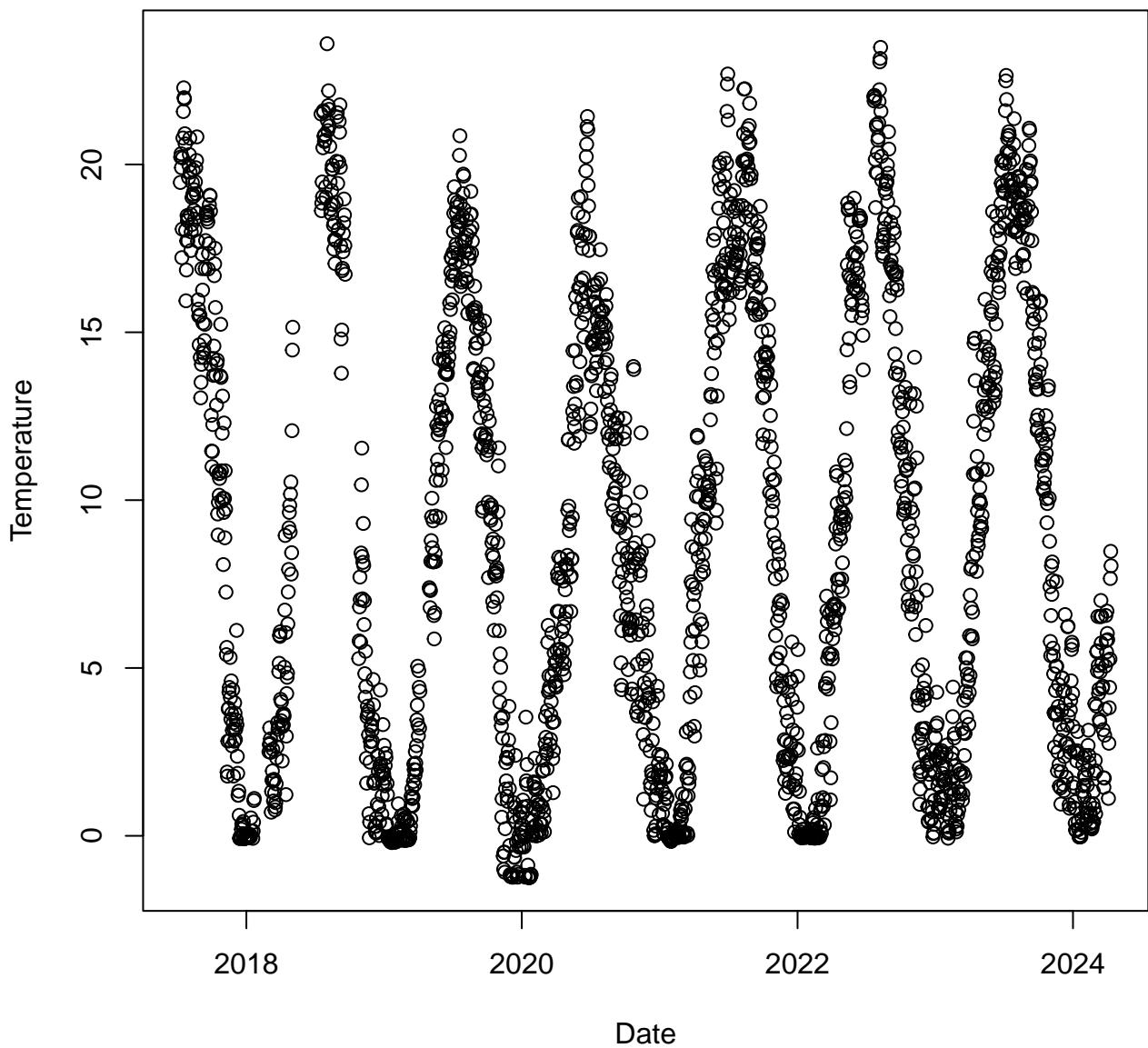
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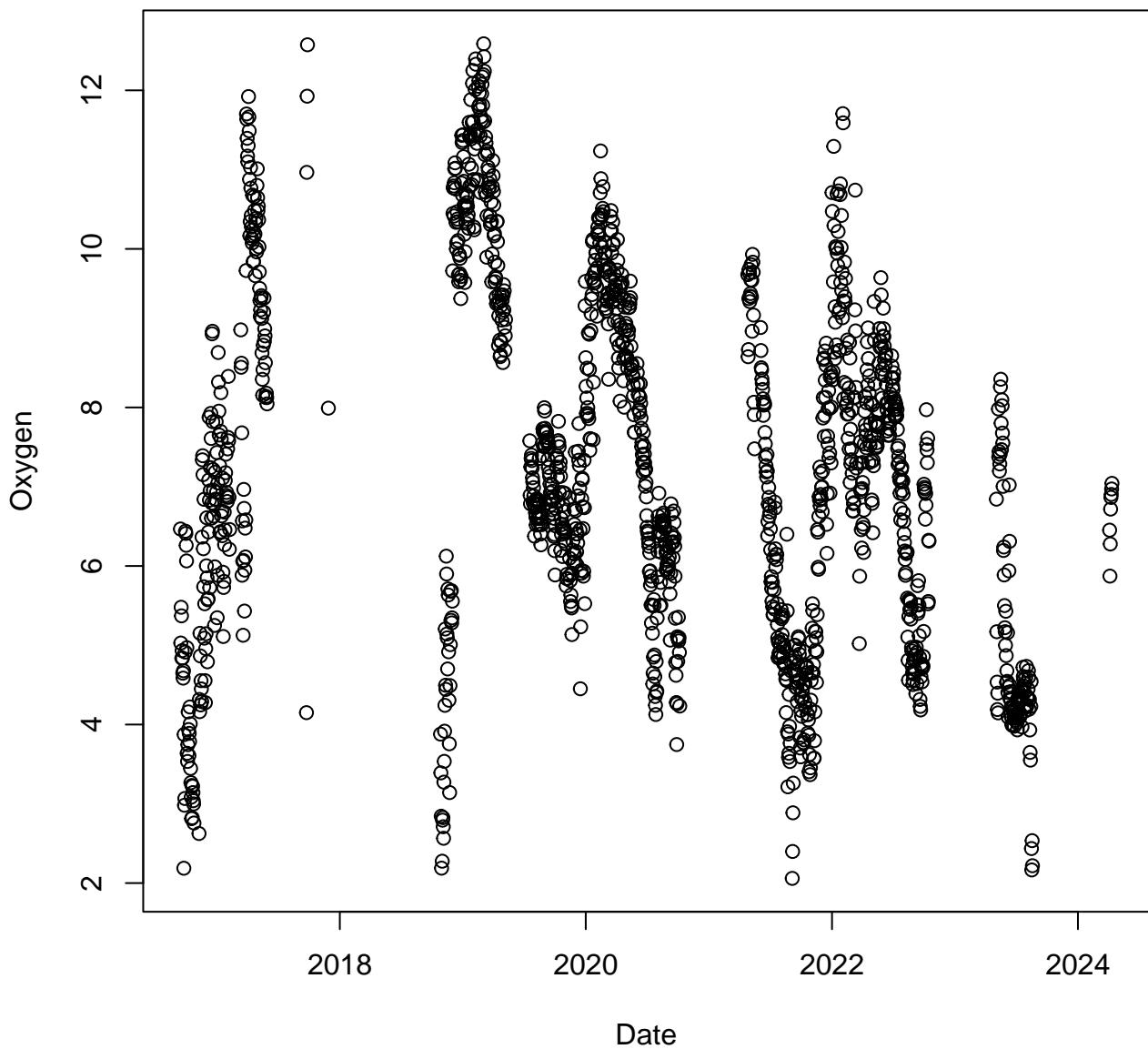
# HOPB



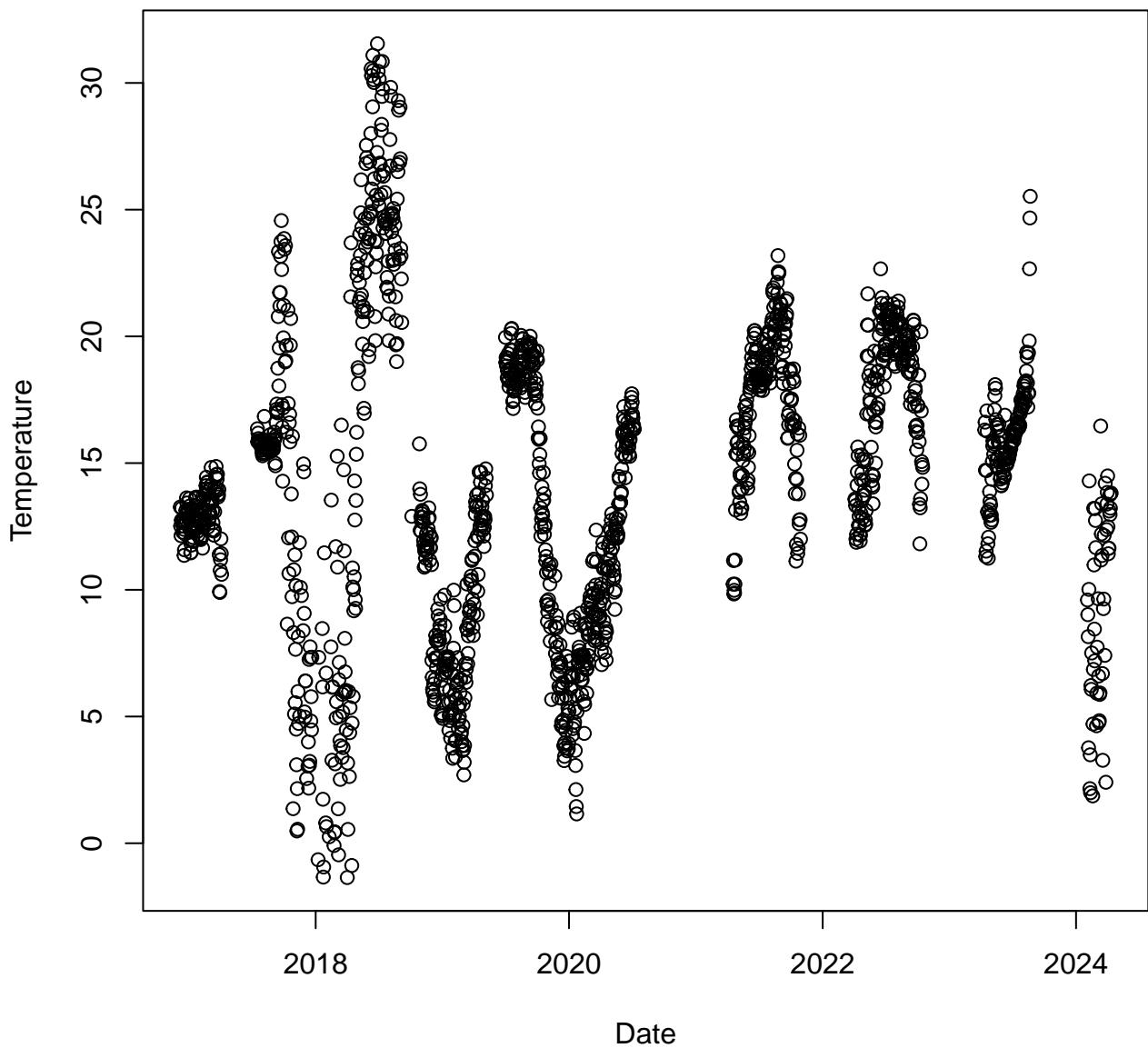
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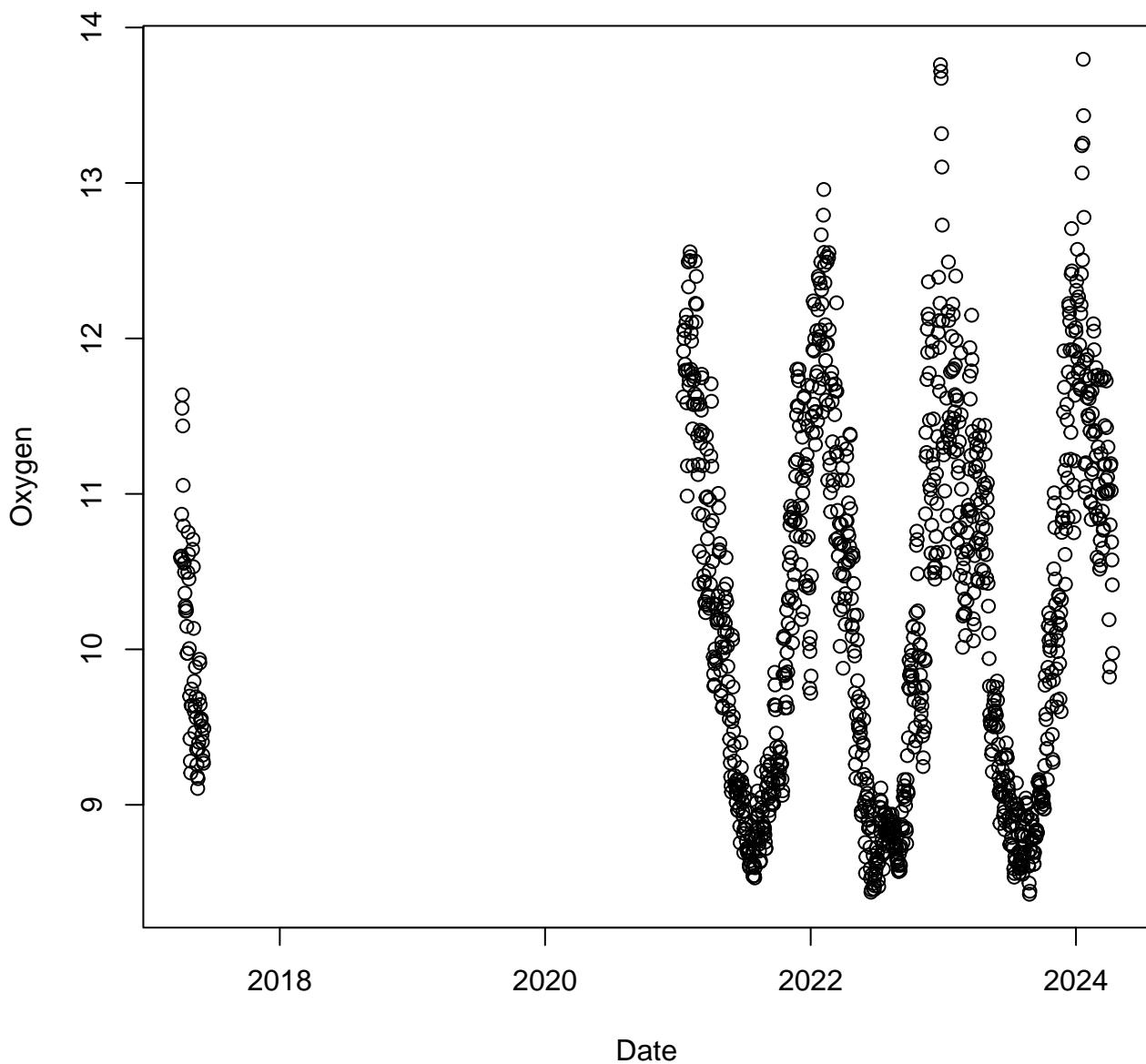
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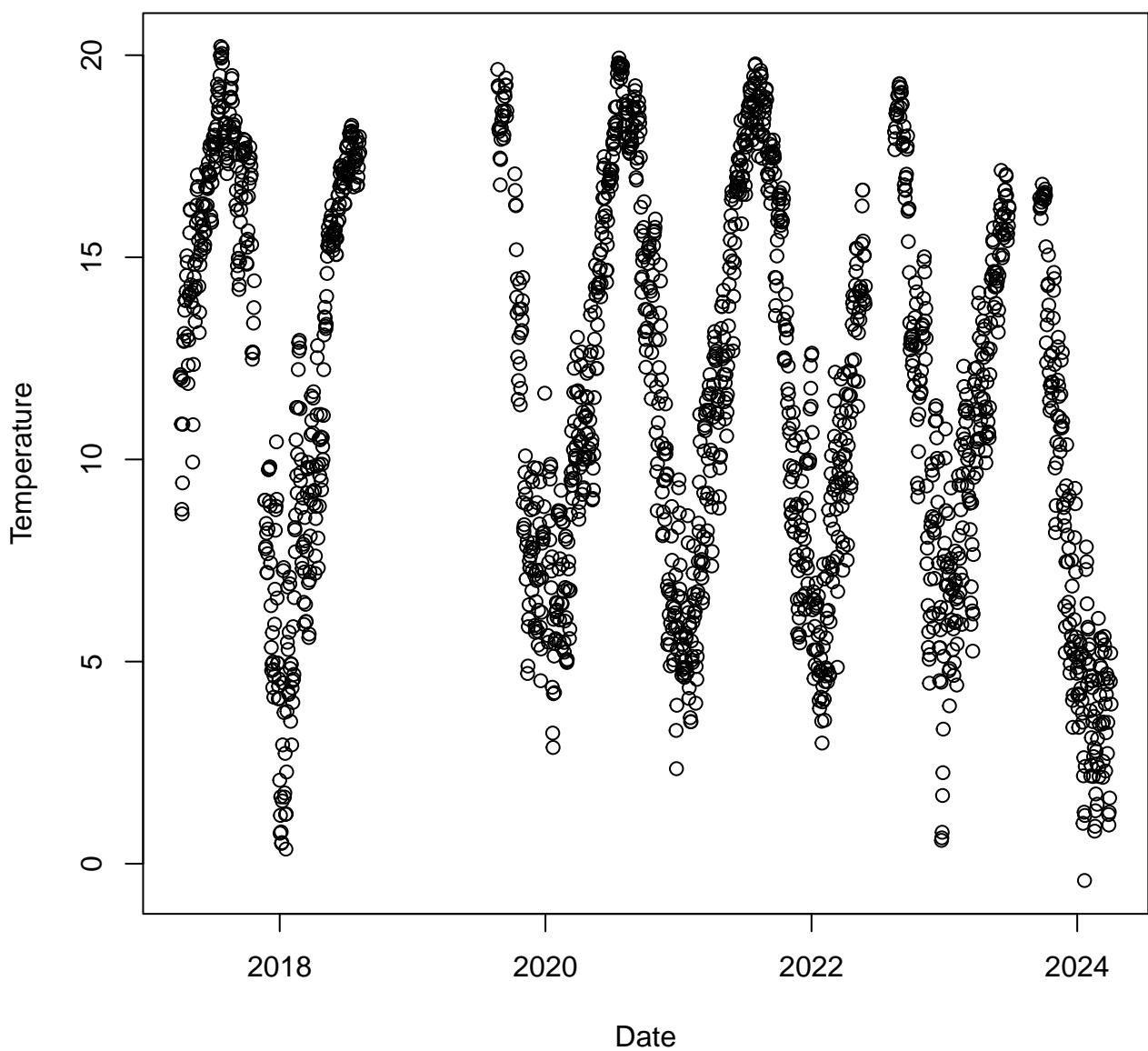
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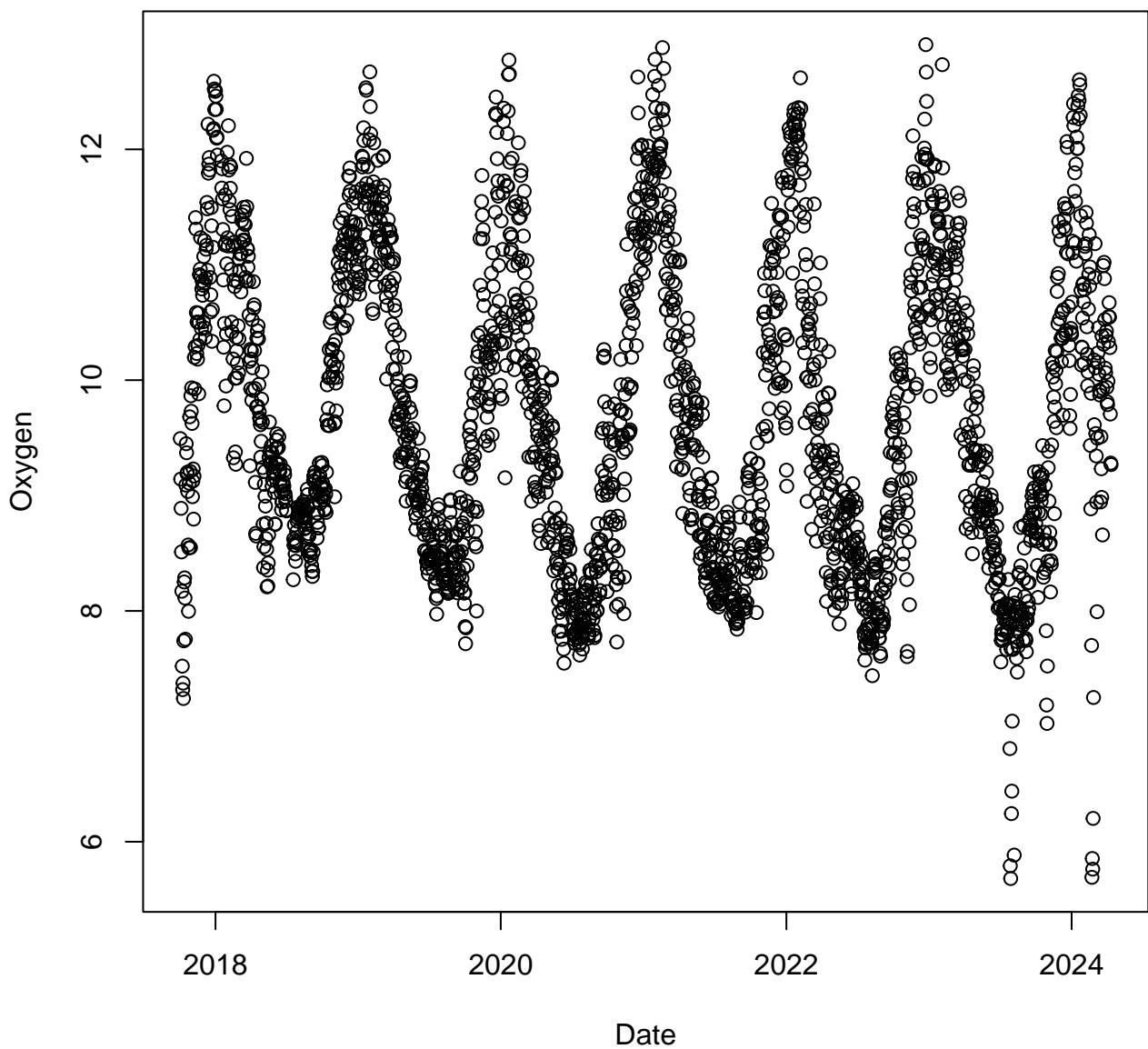
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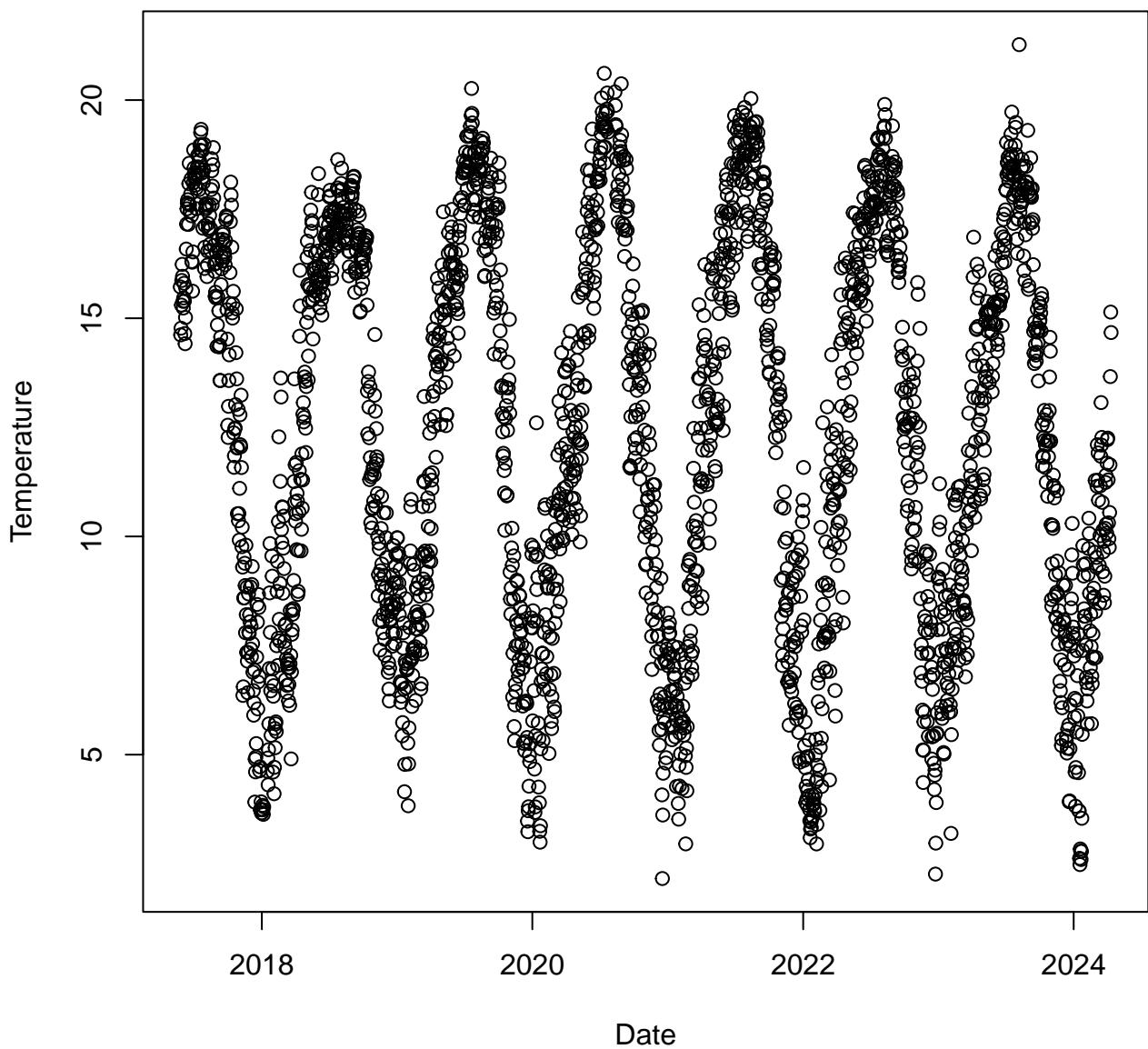
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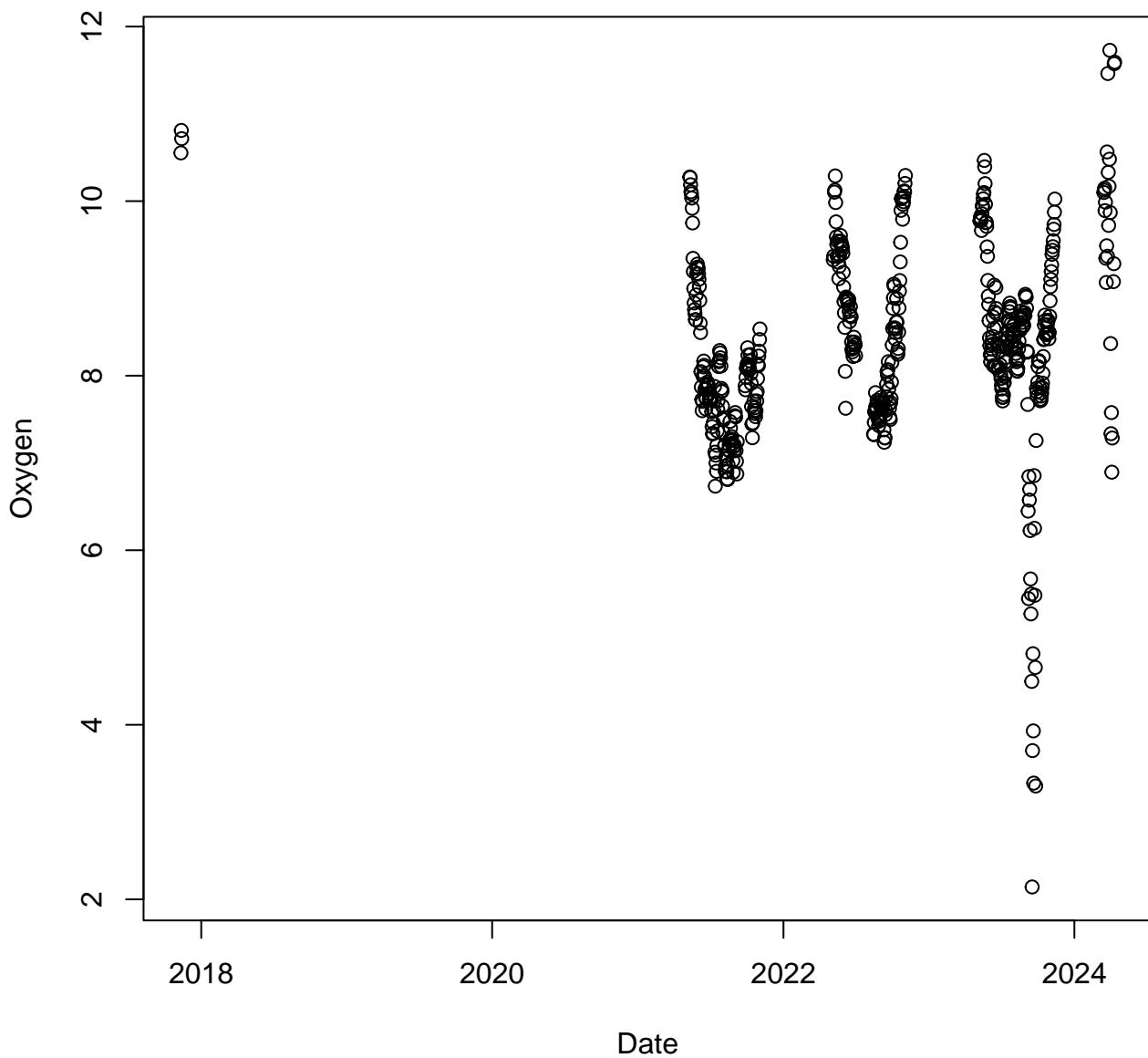
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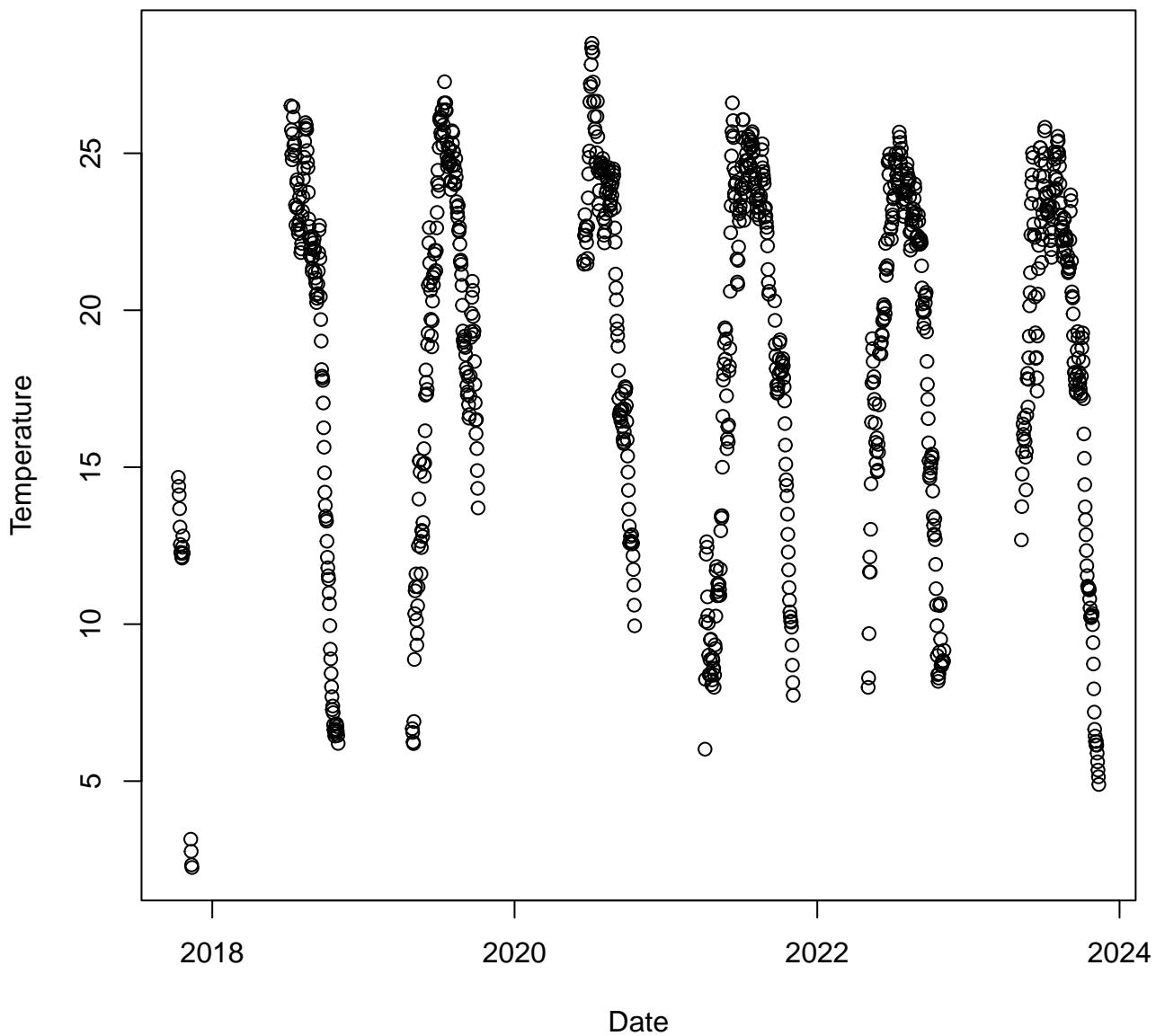
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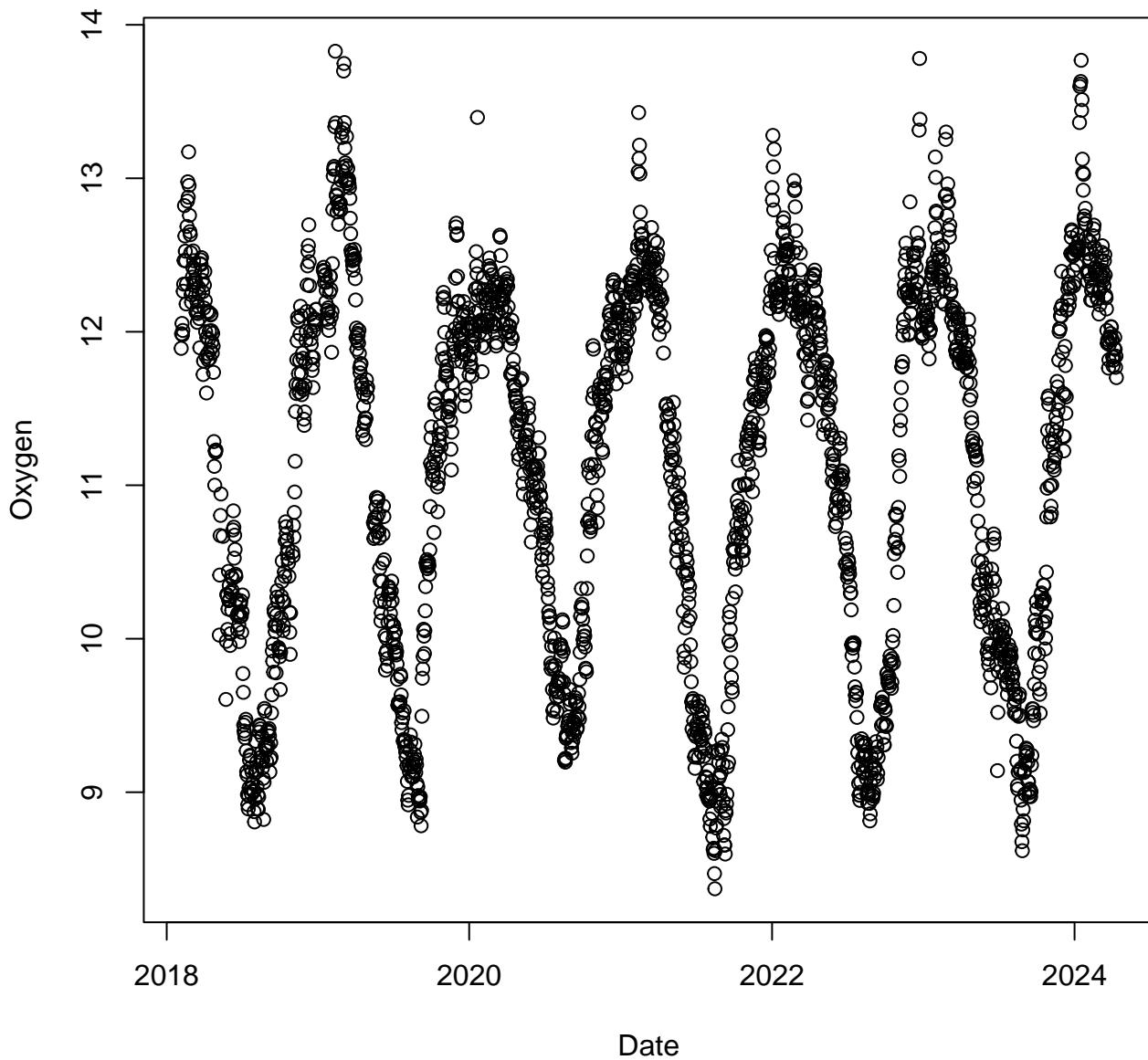
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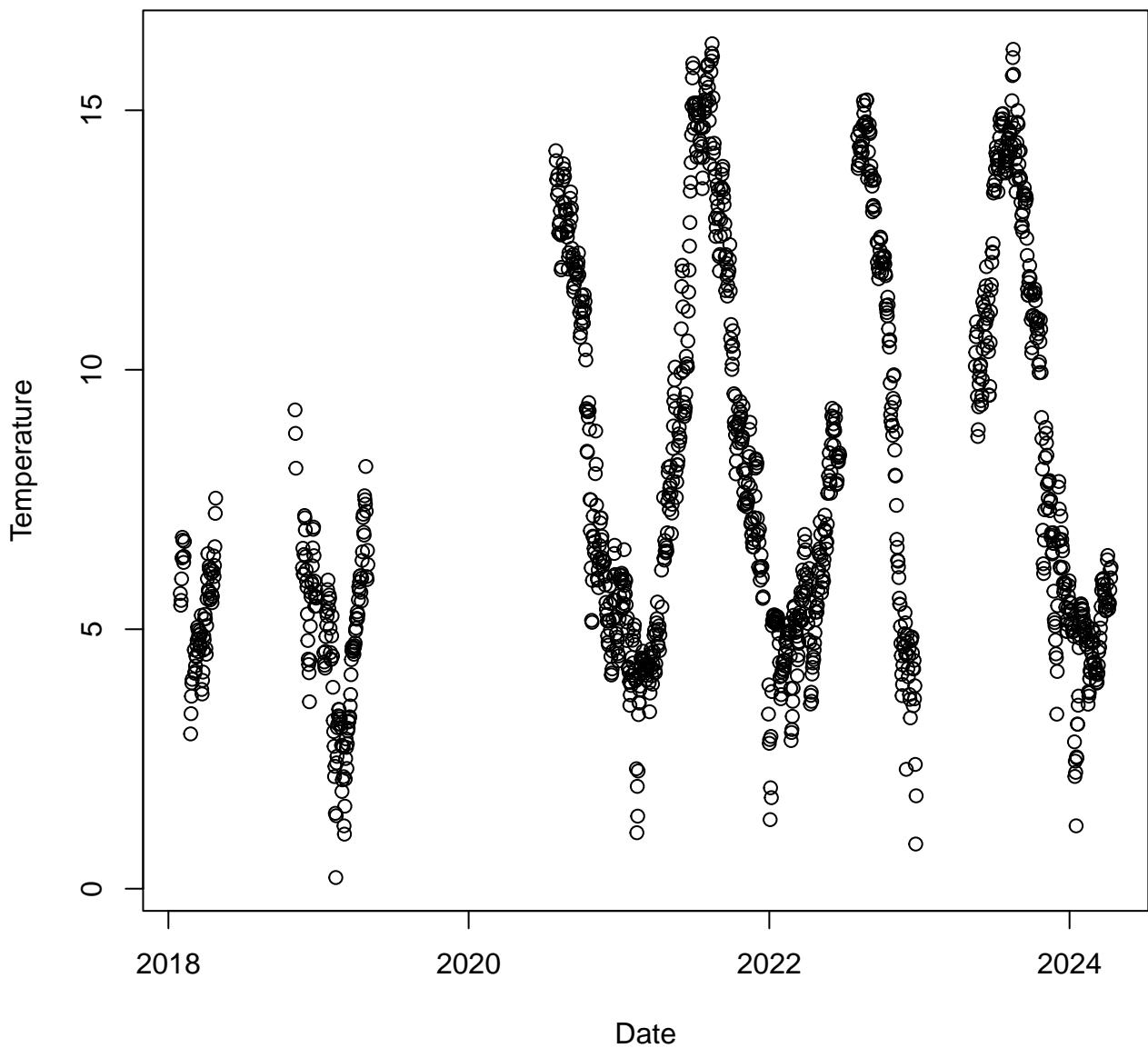
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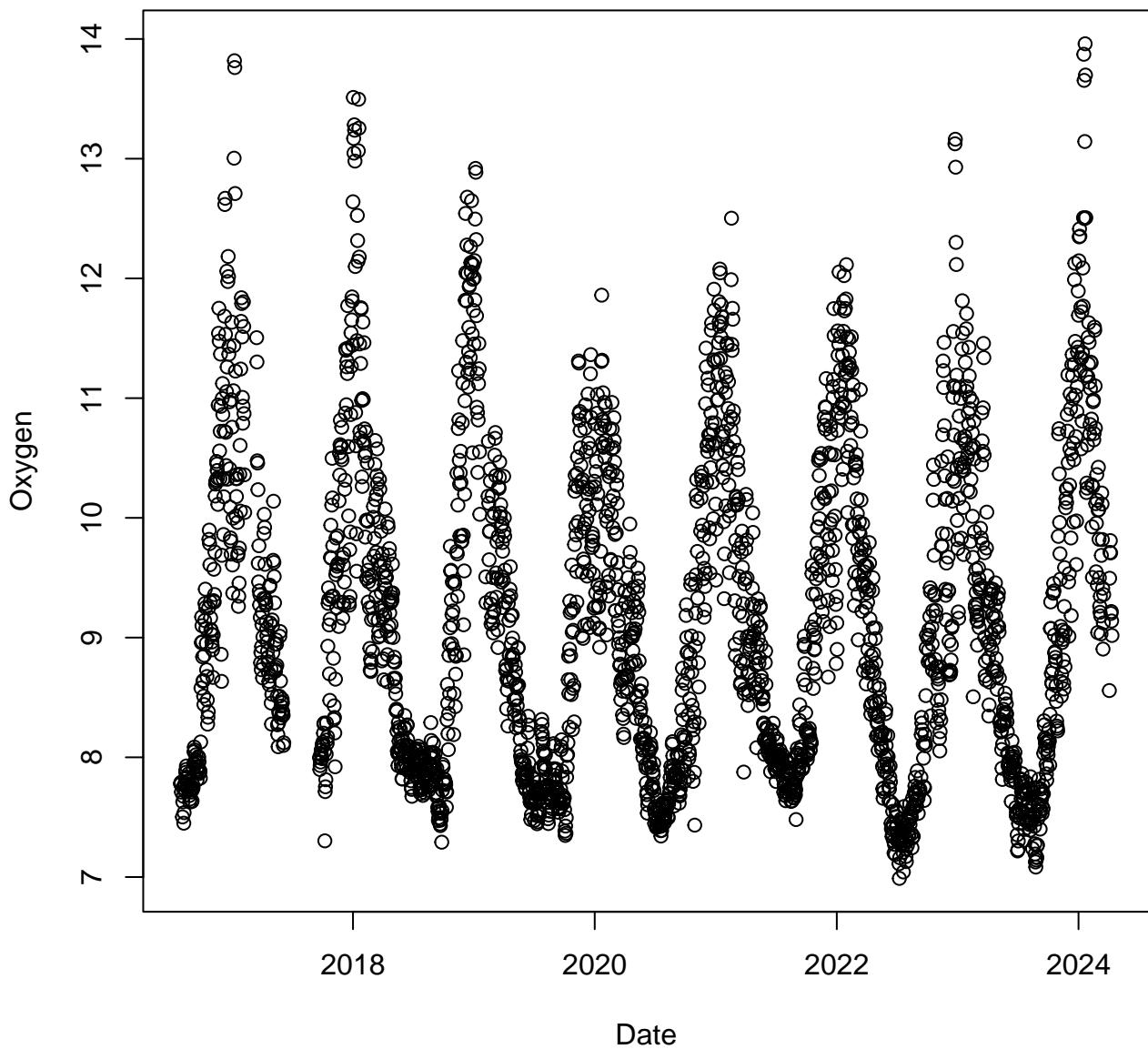
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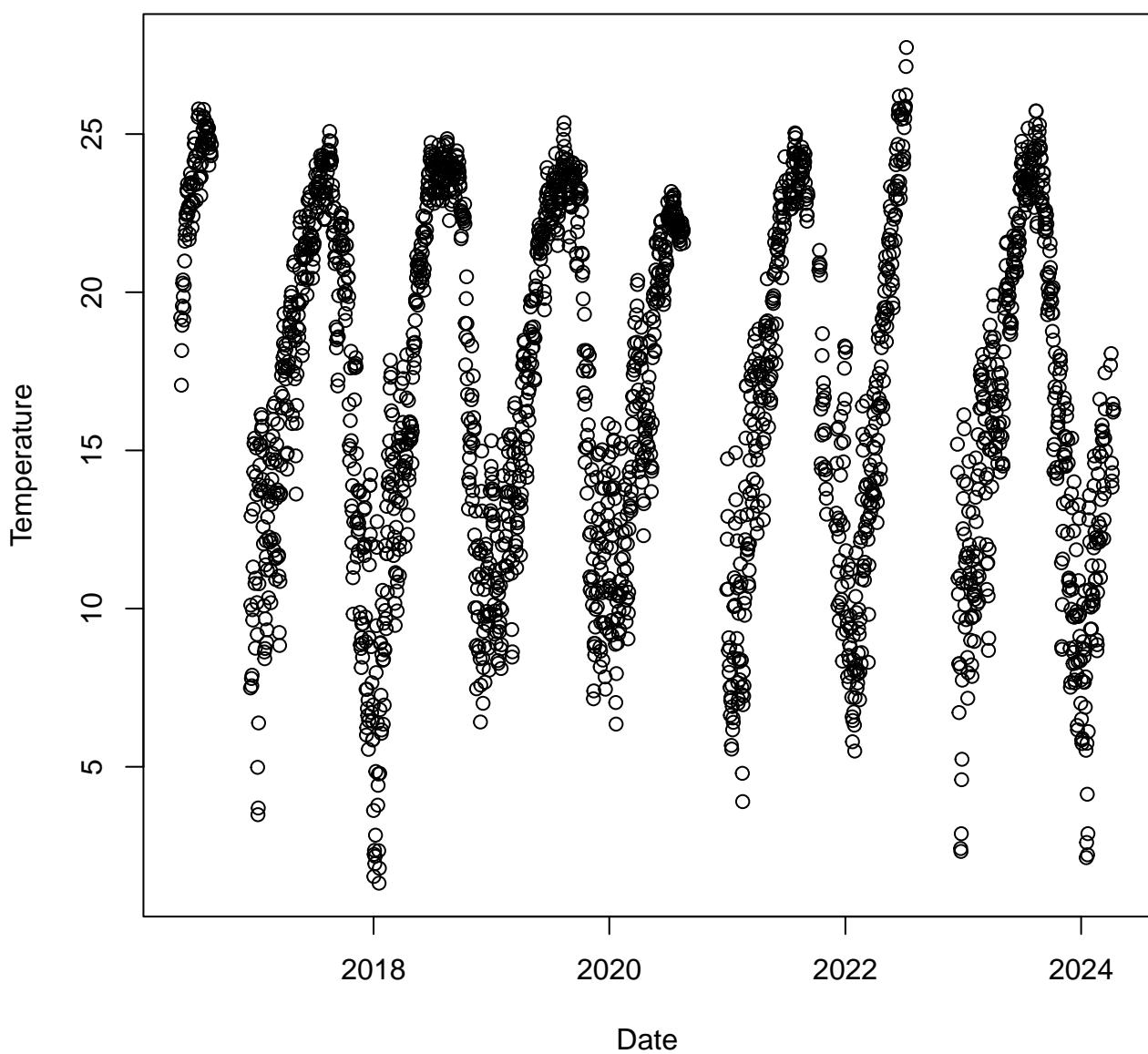
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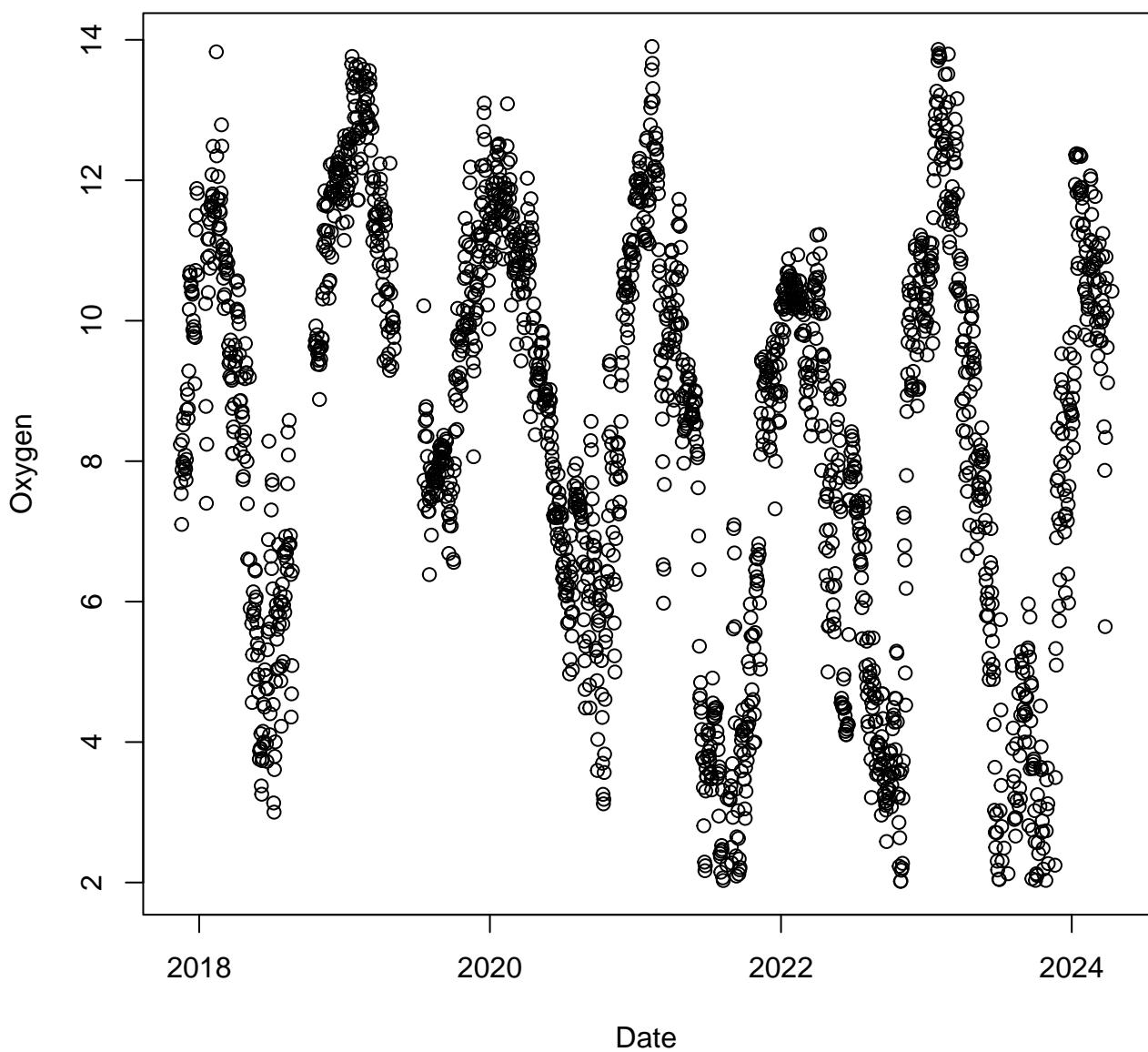
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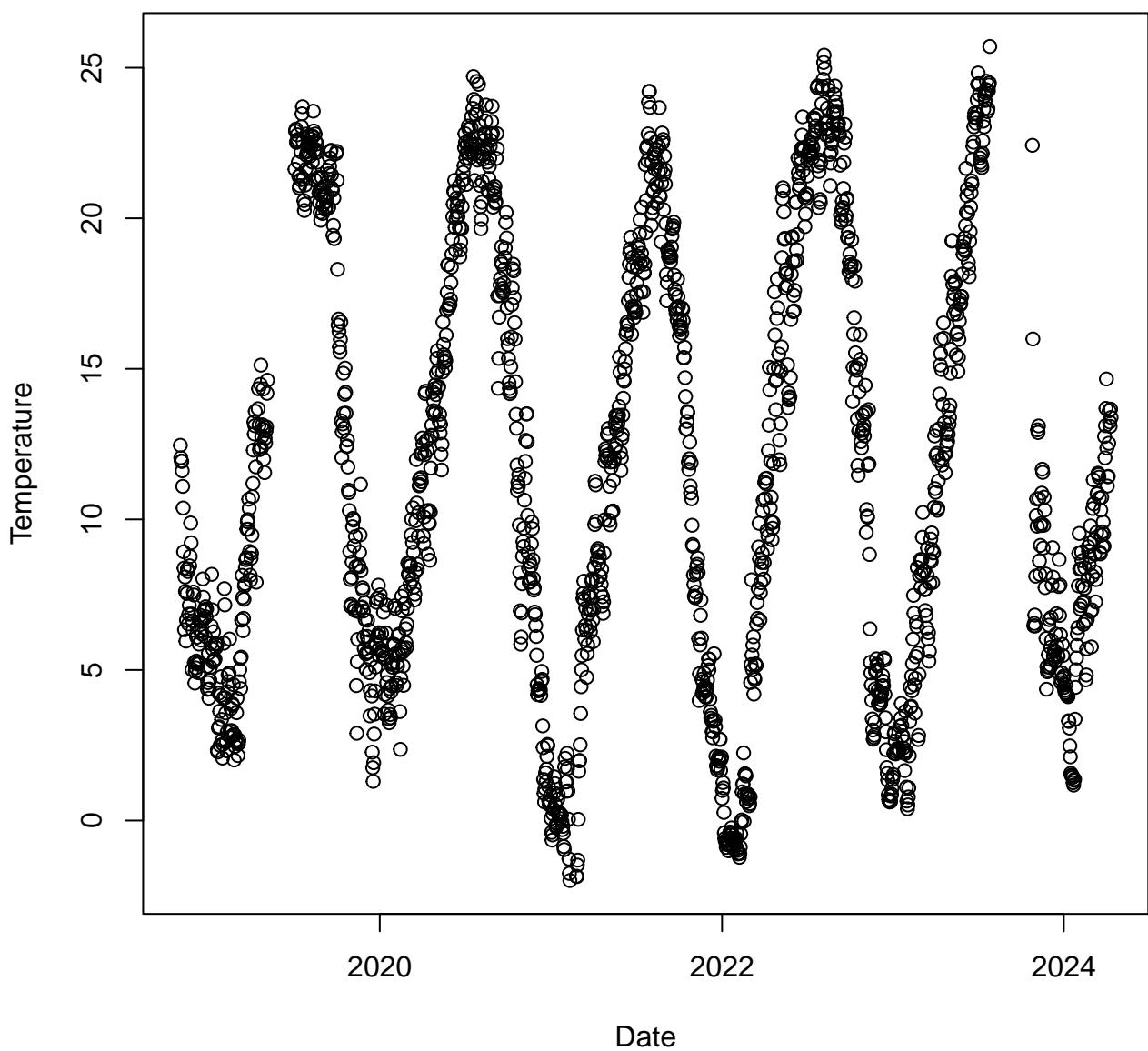
**MAYF**



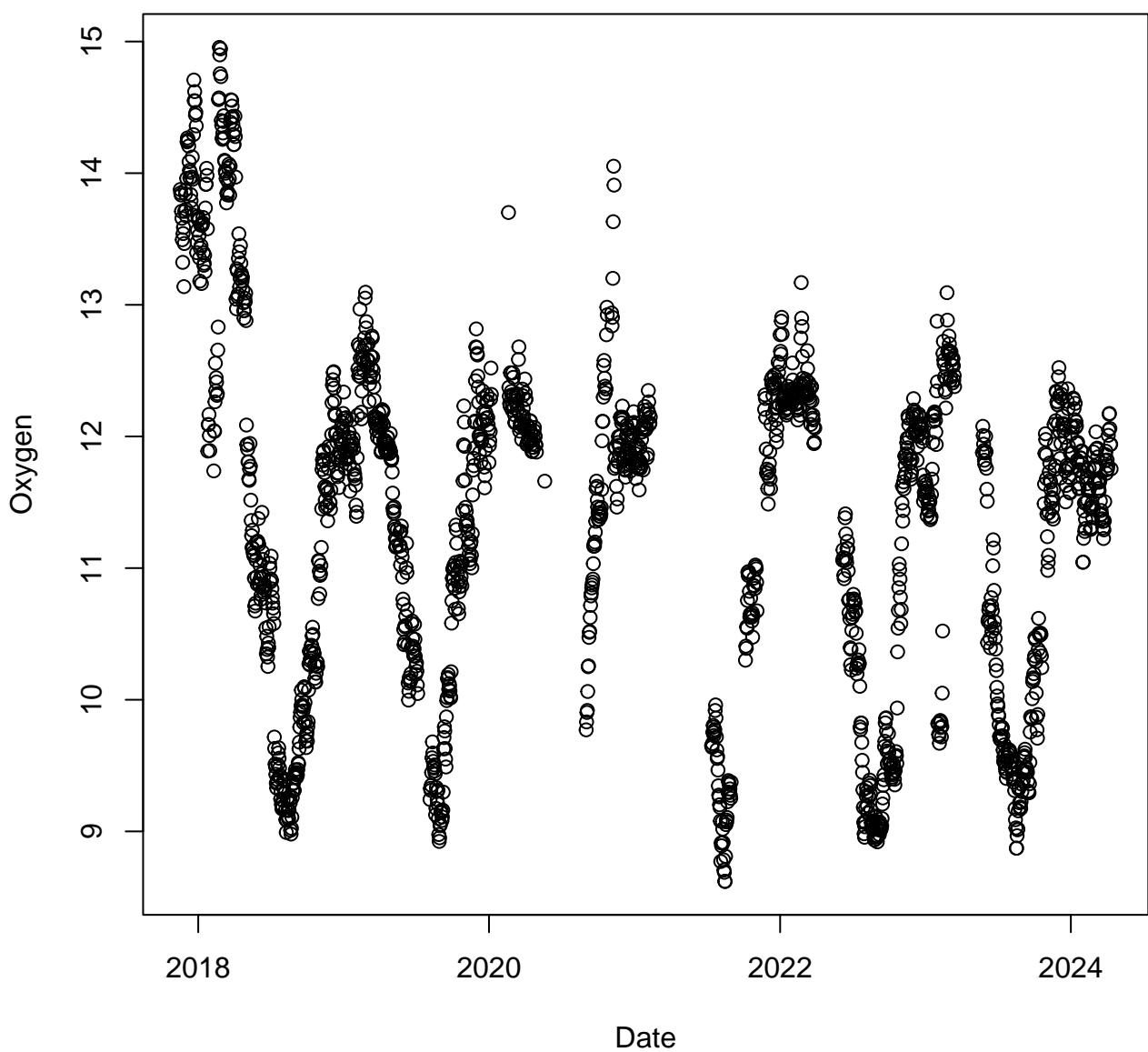
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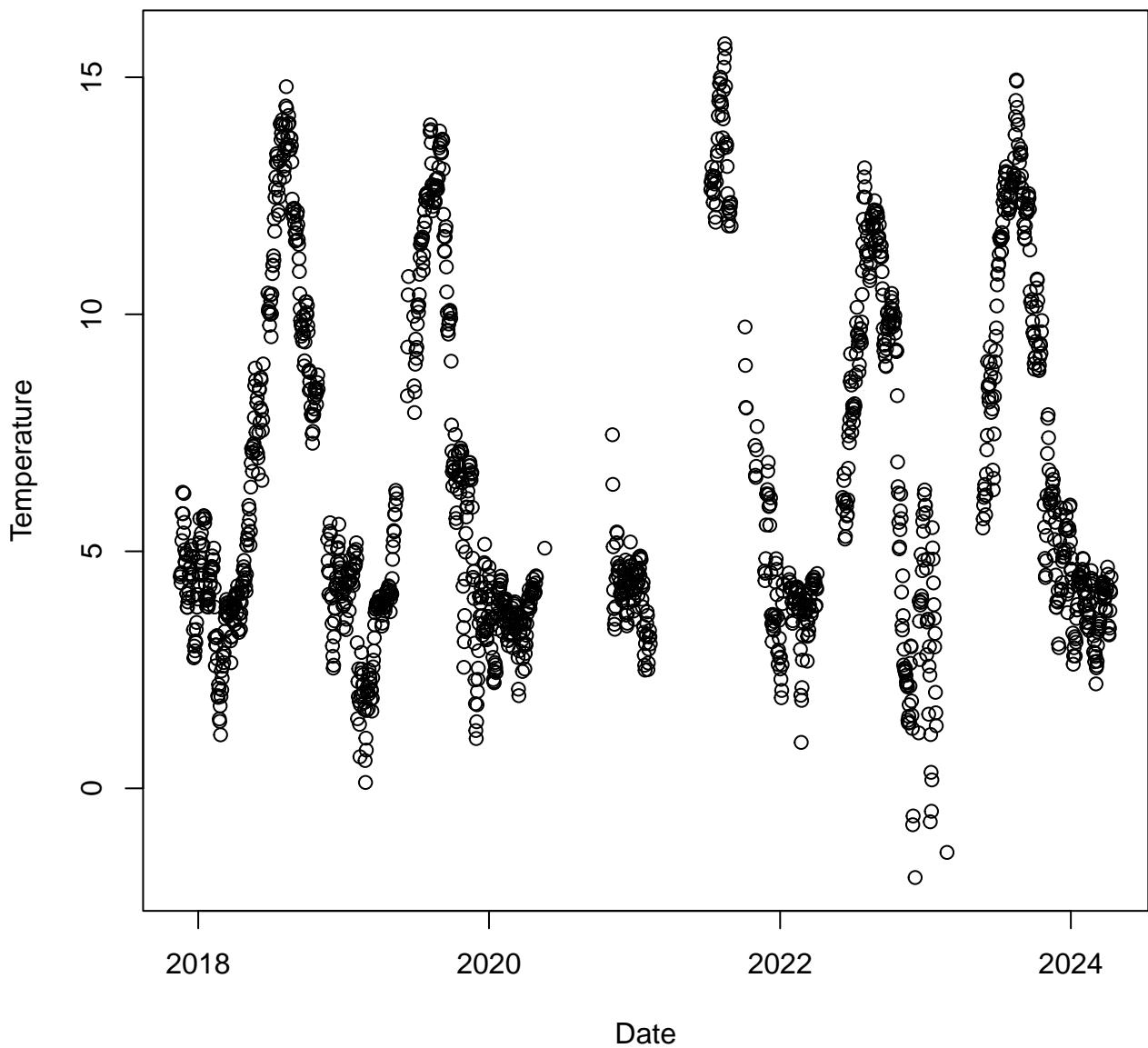
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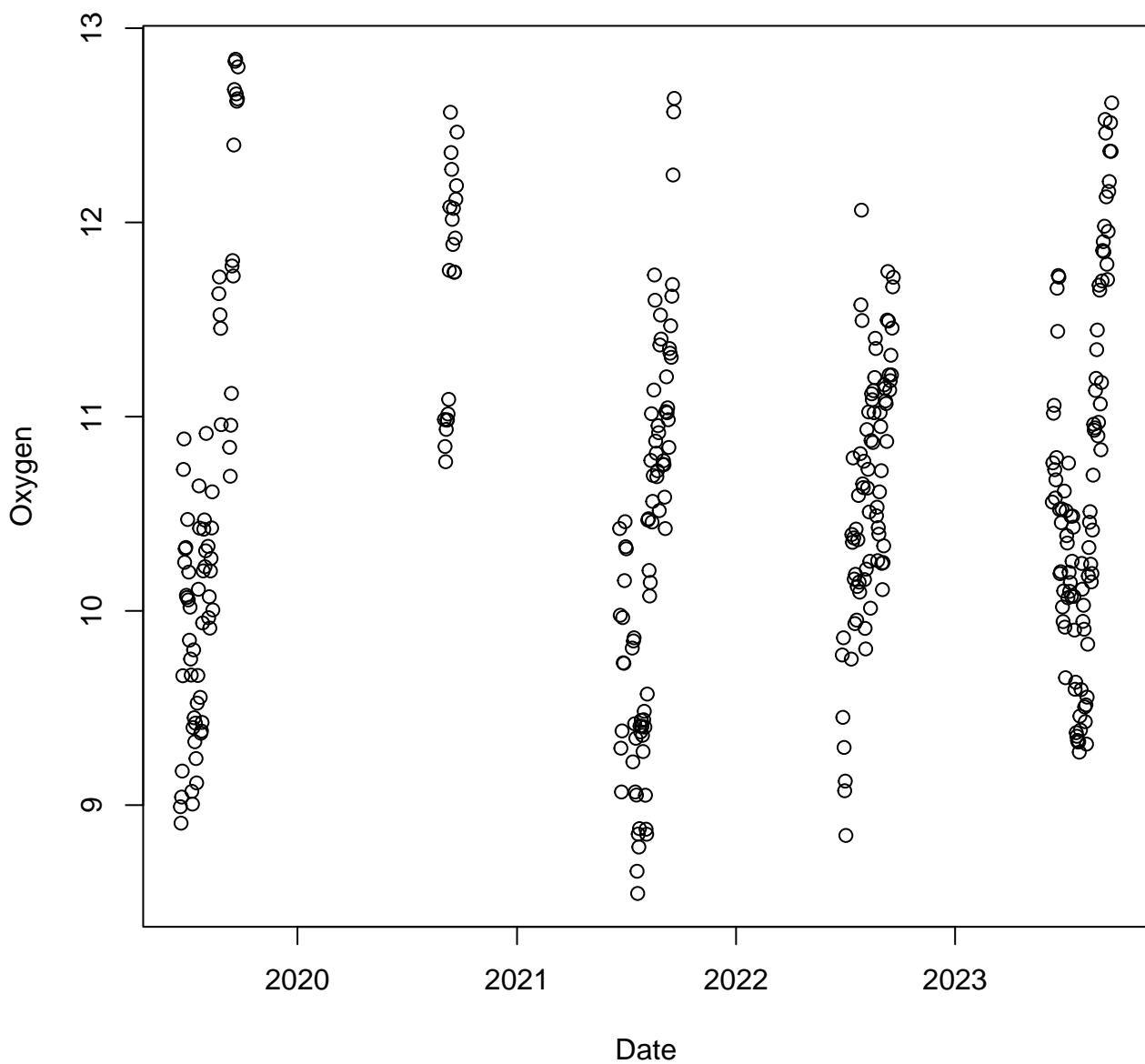
# MCRA



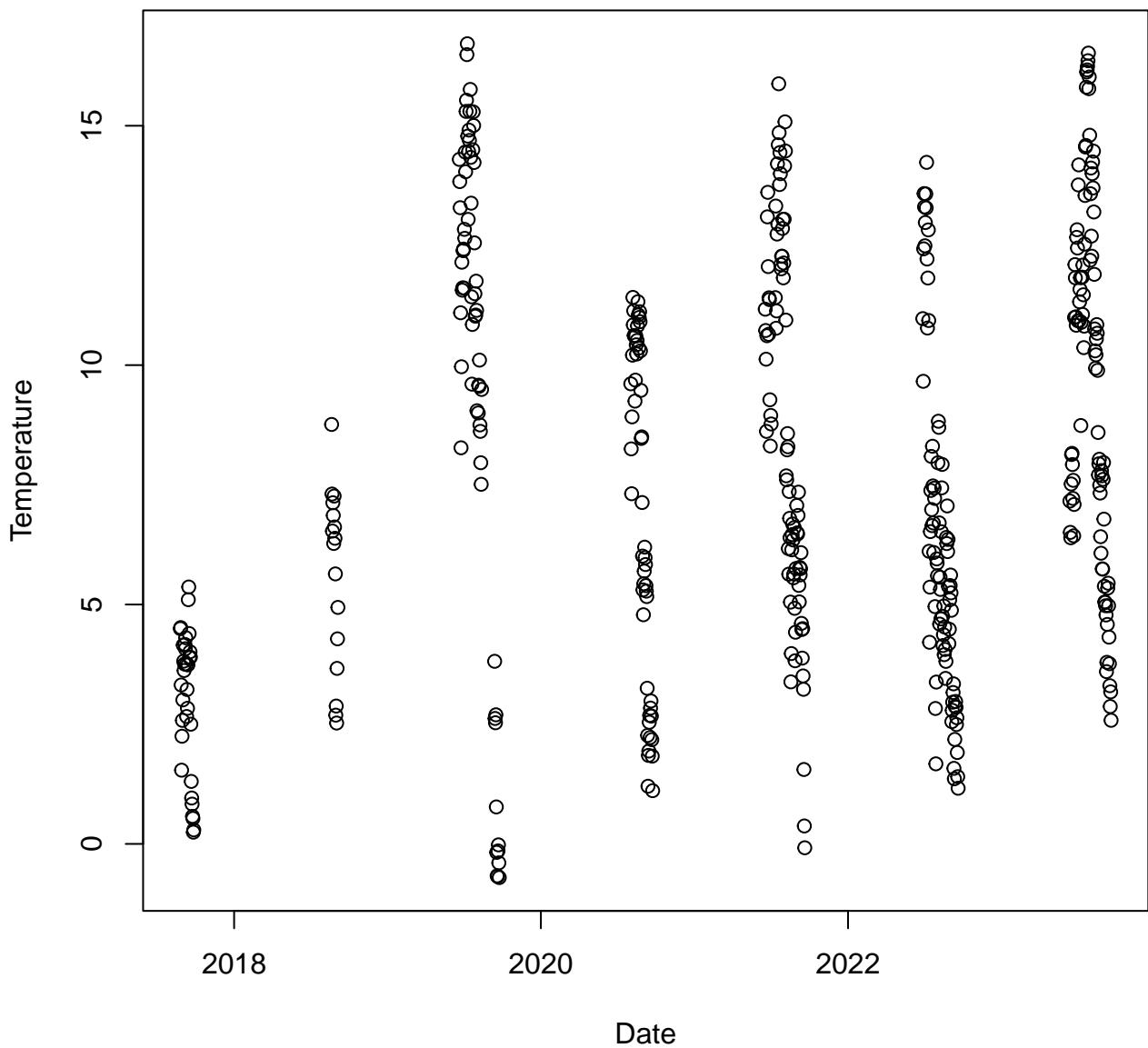
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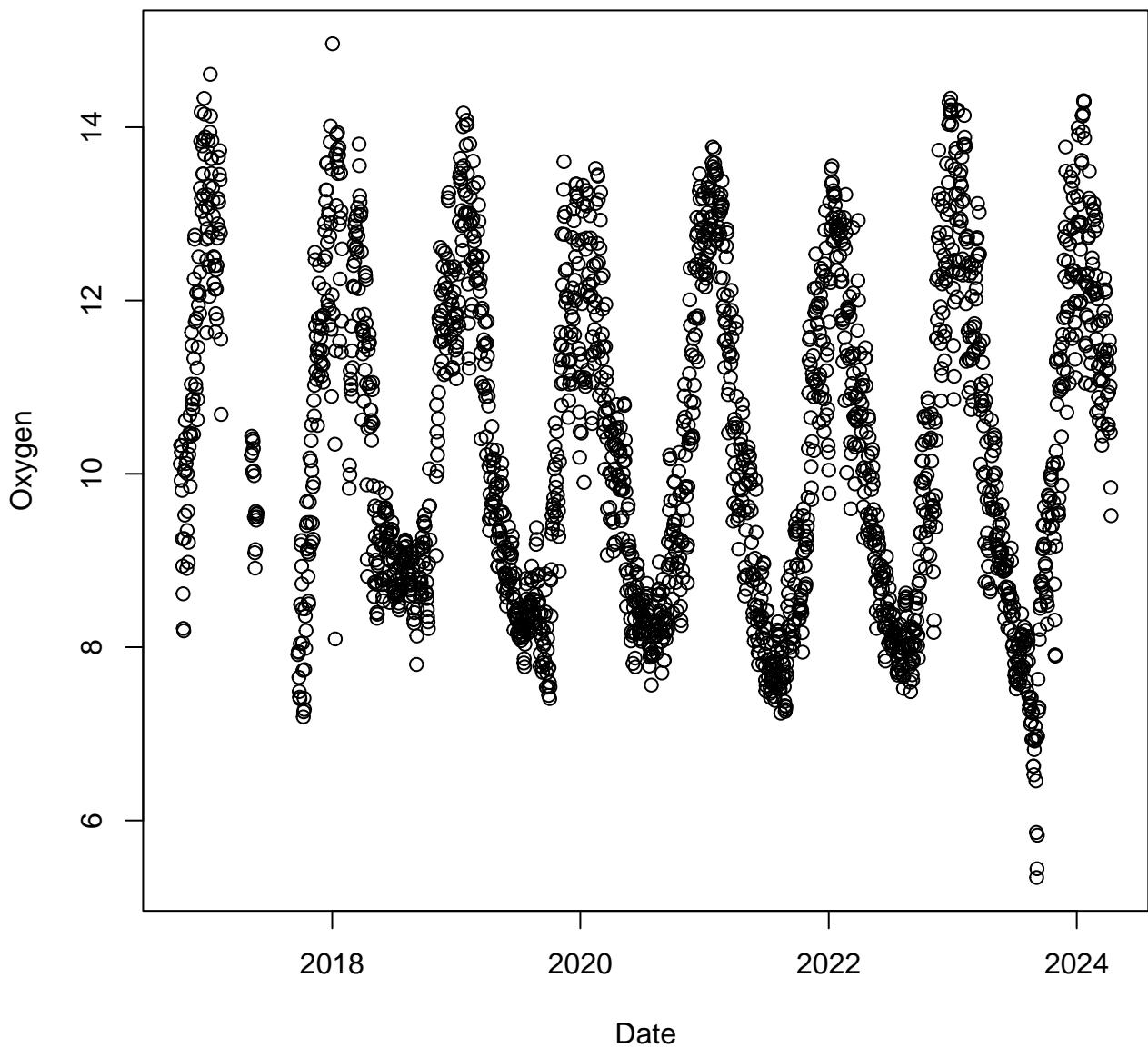
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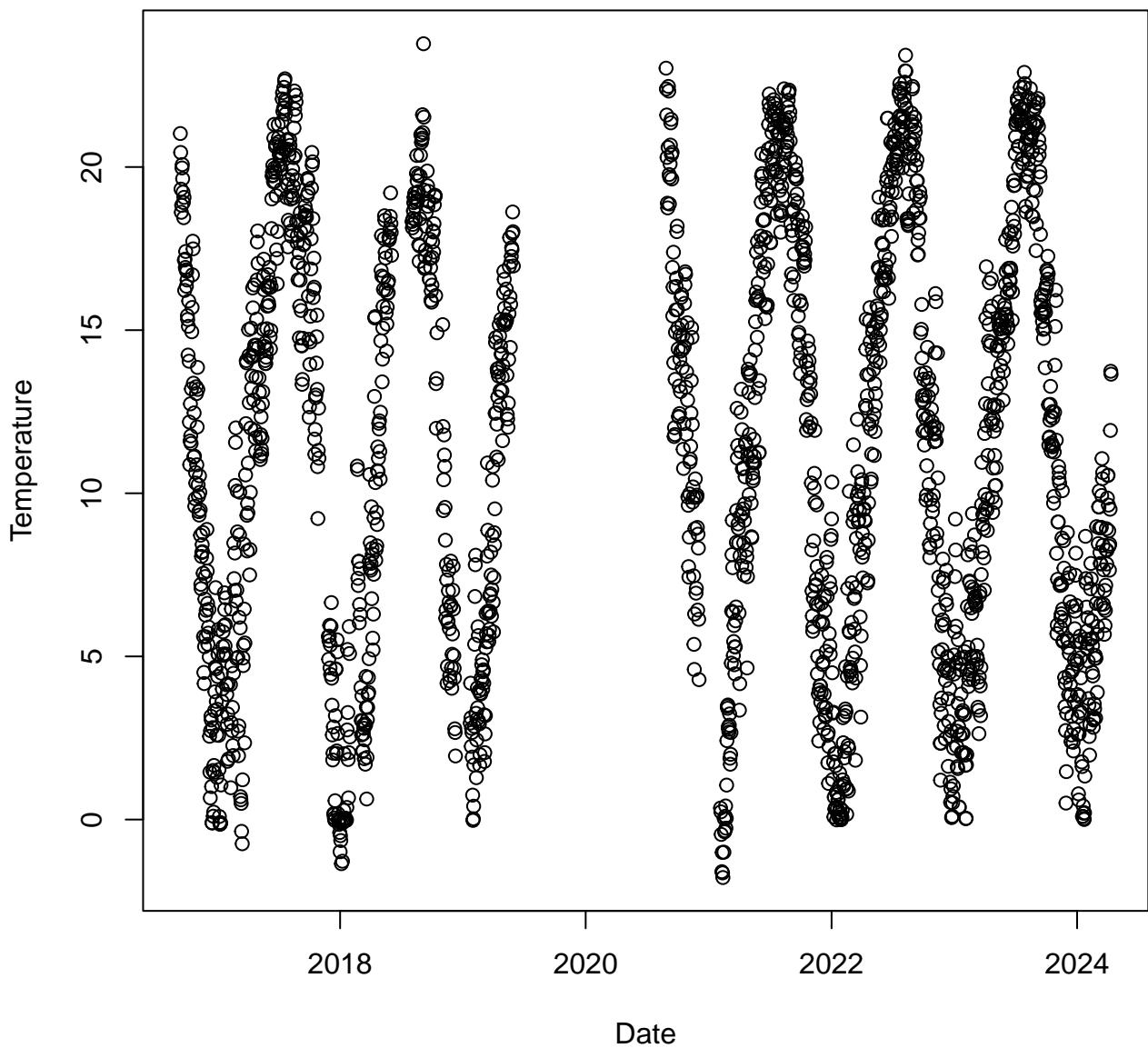
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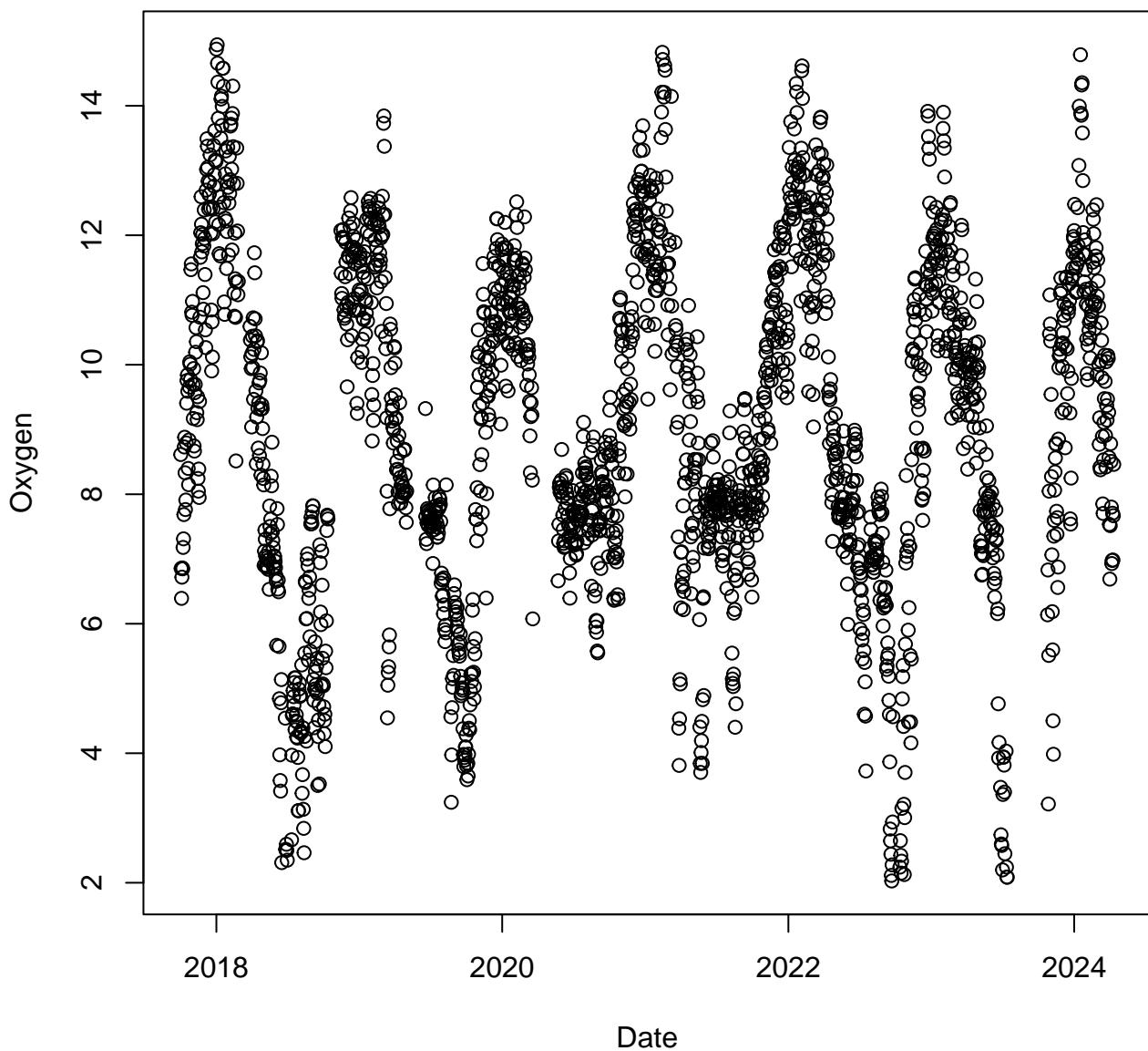
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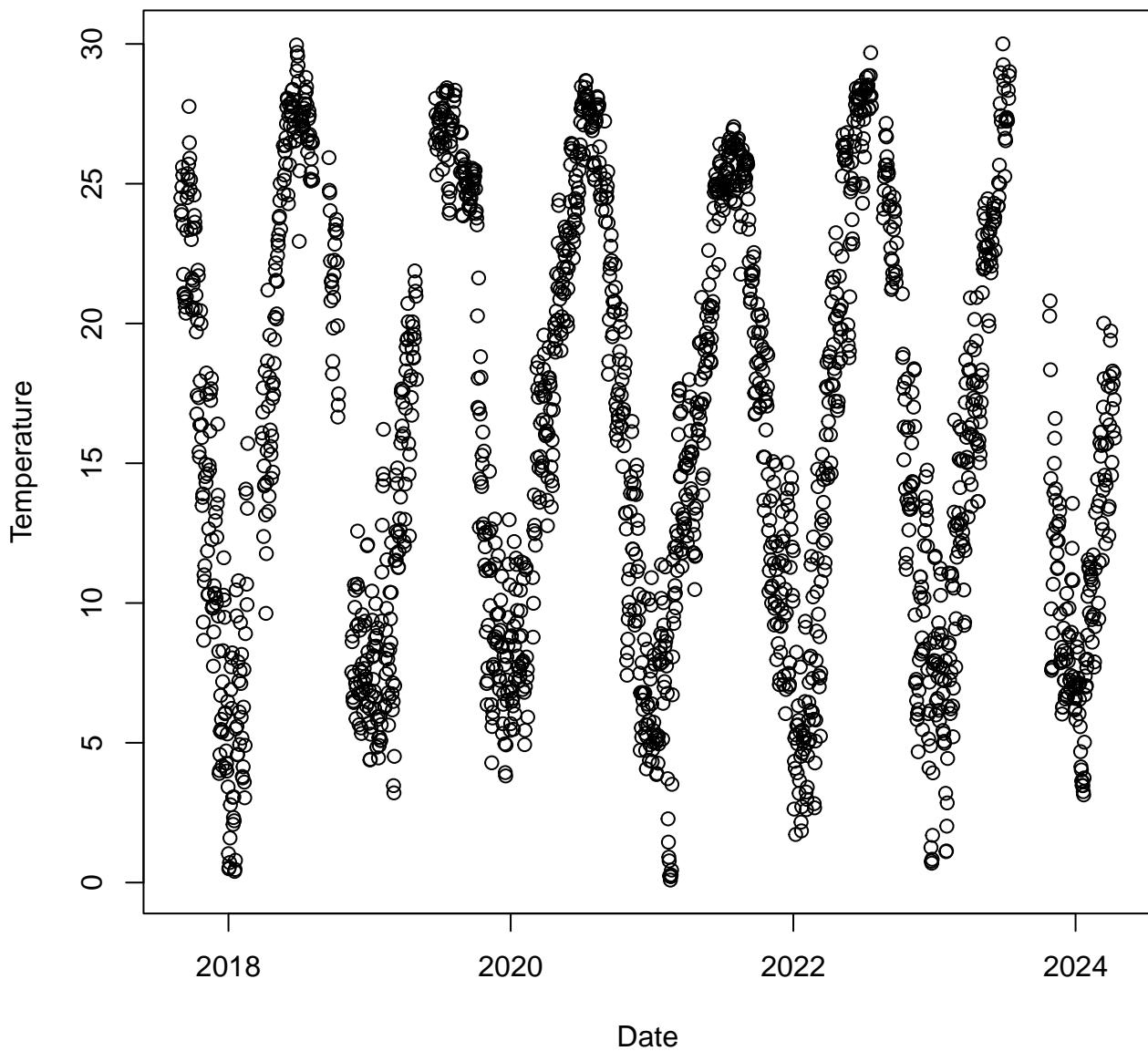
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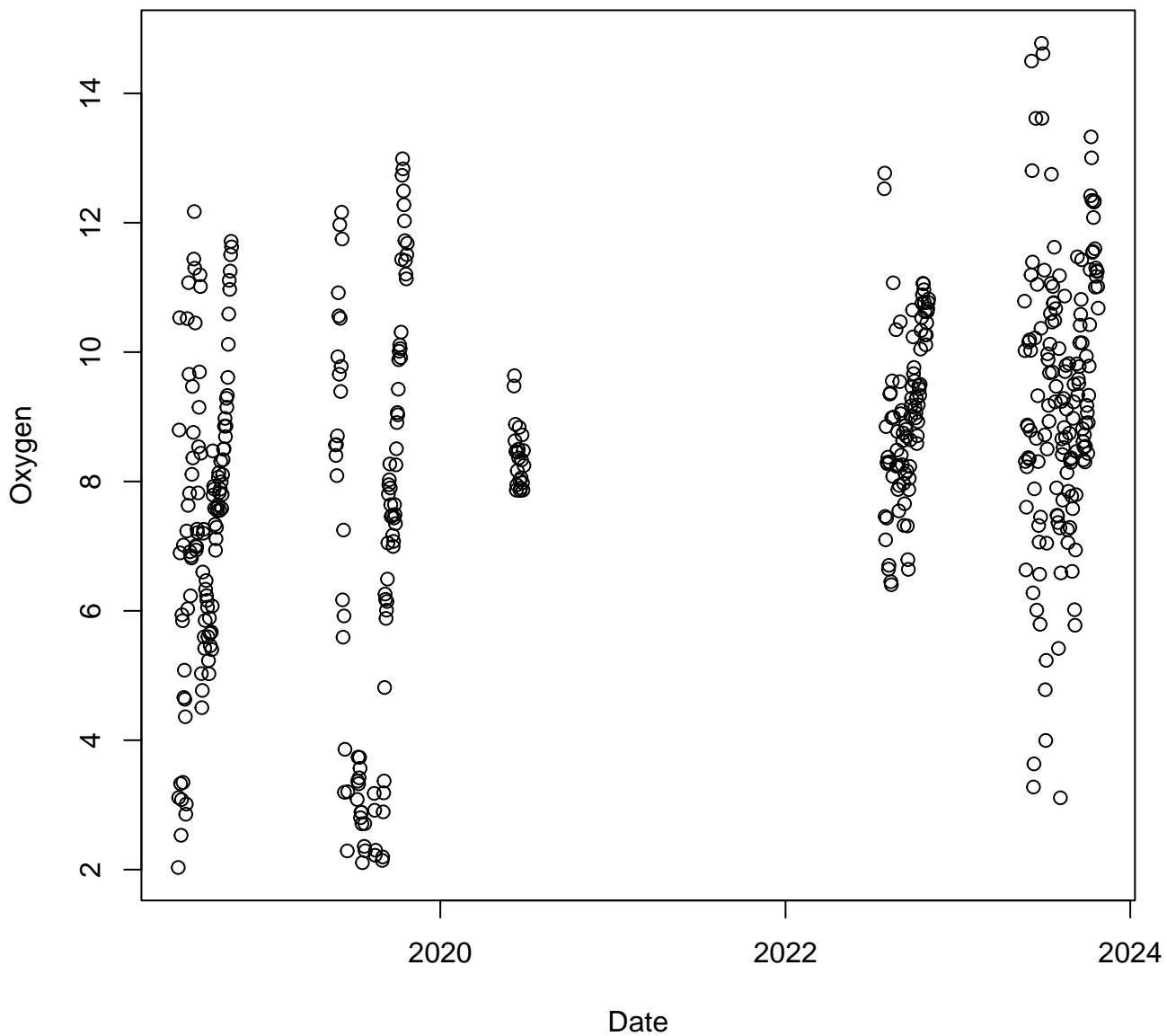
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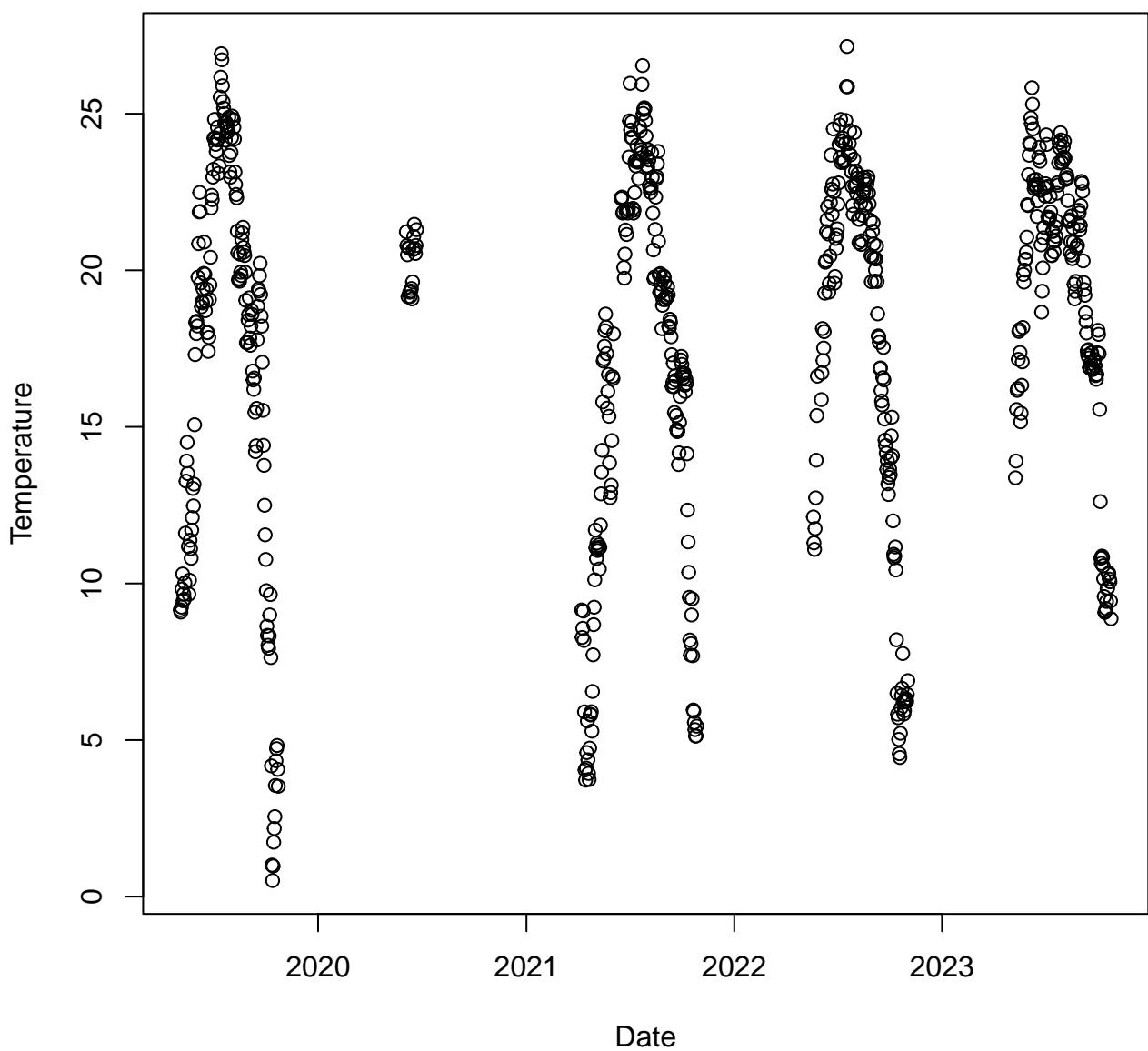
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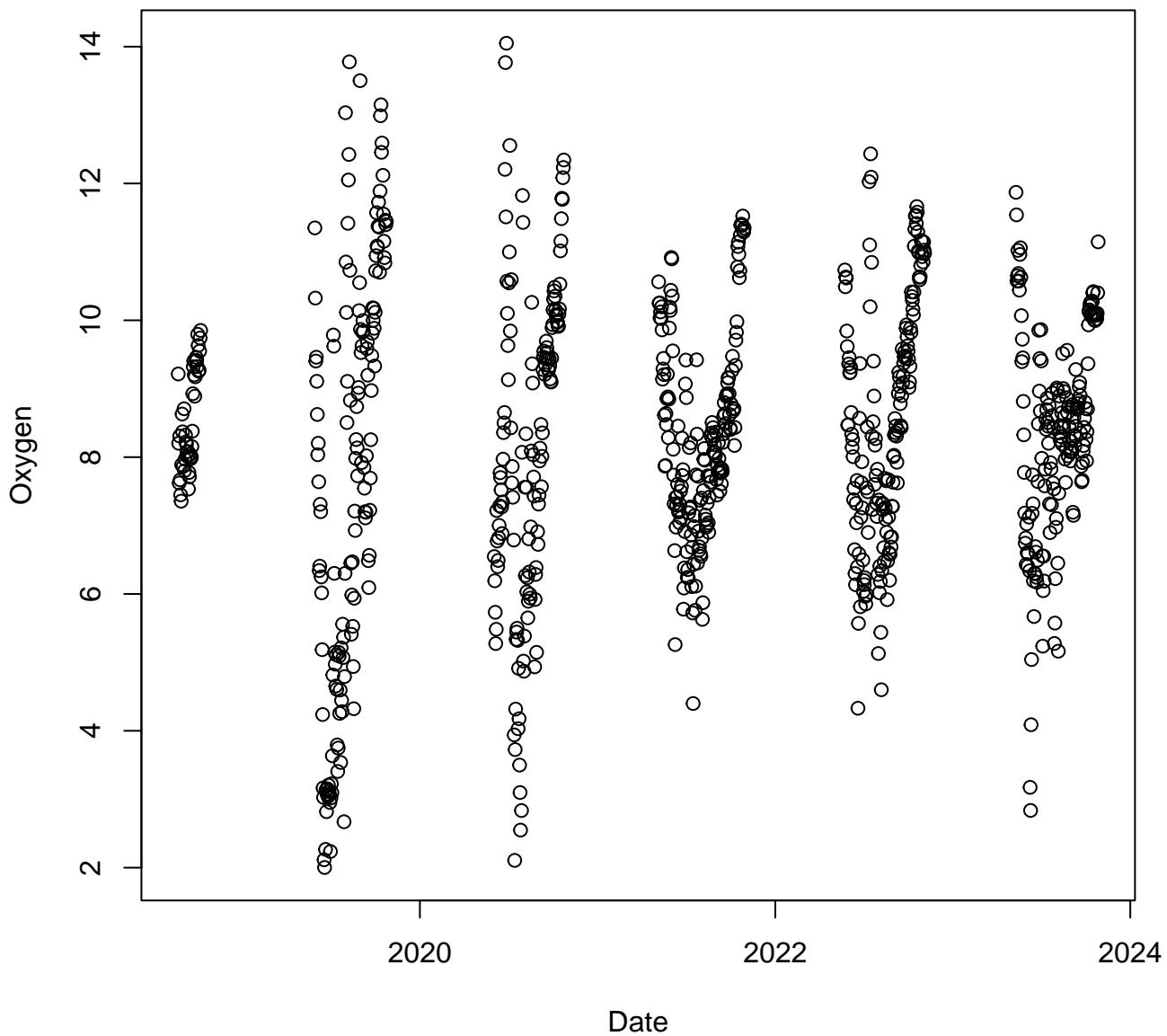
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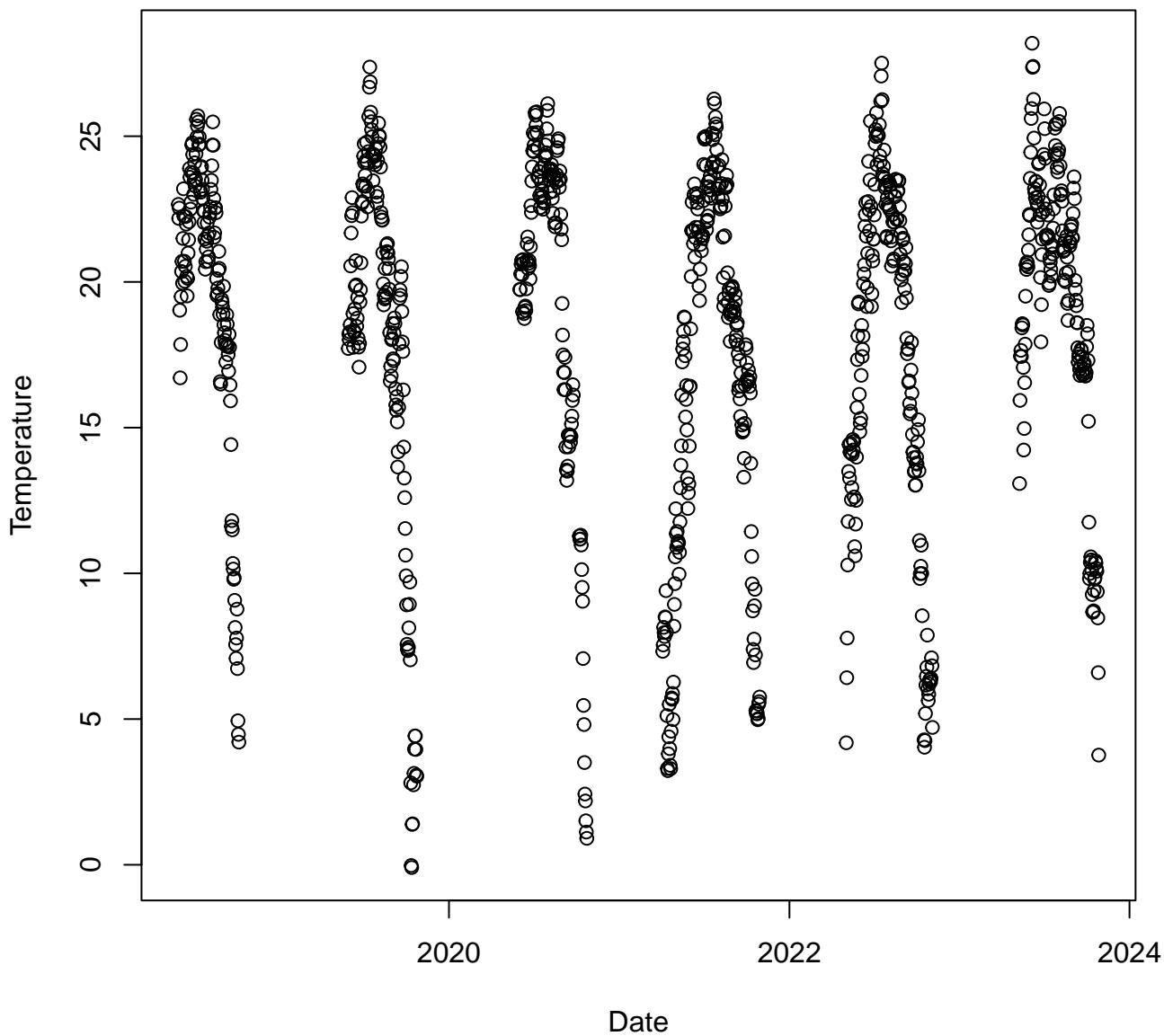
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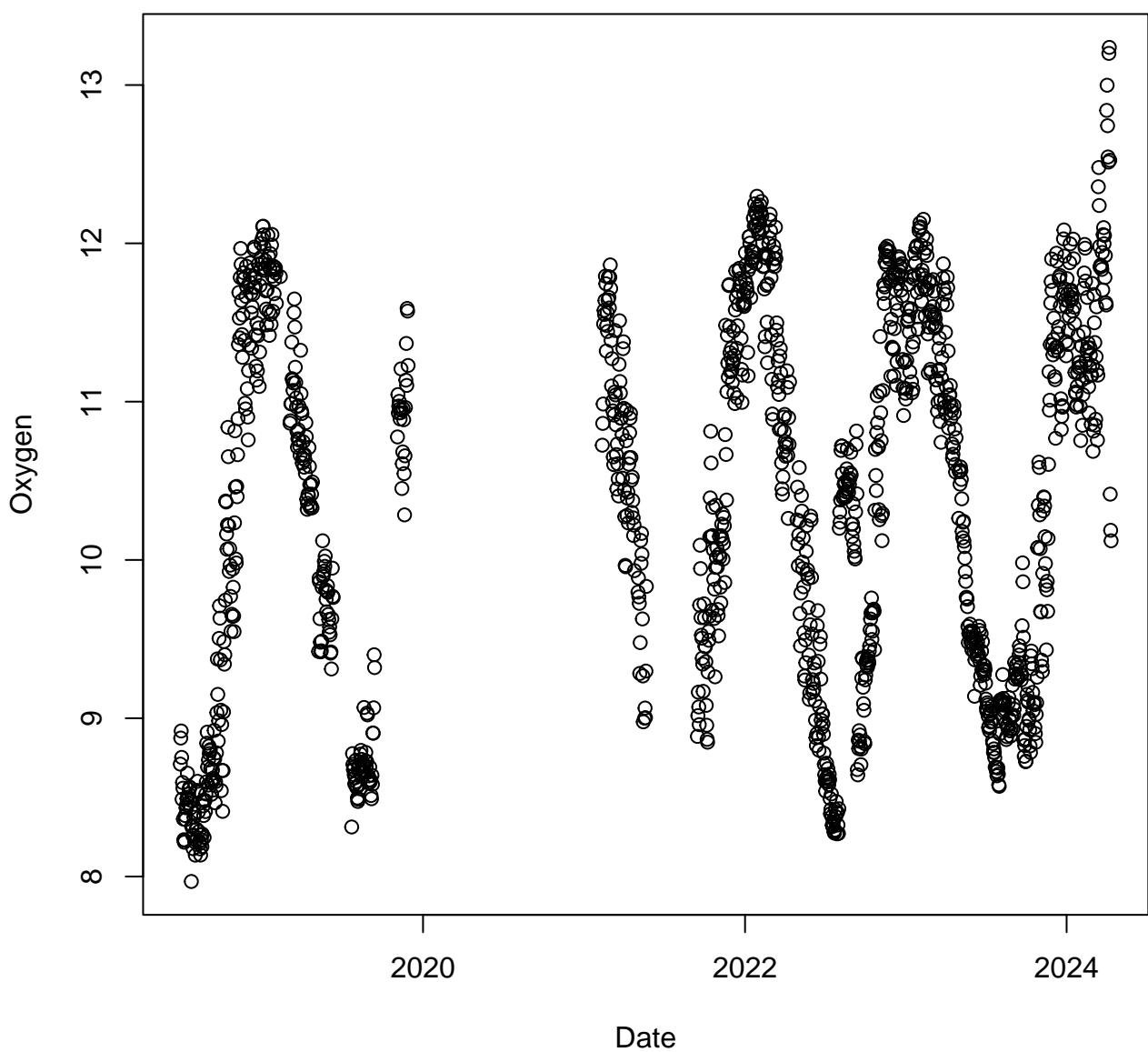
PRPO



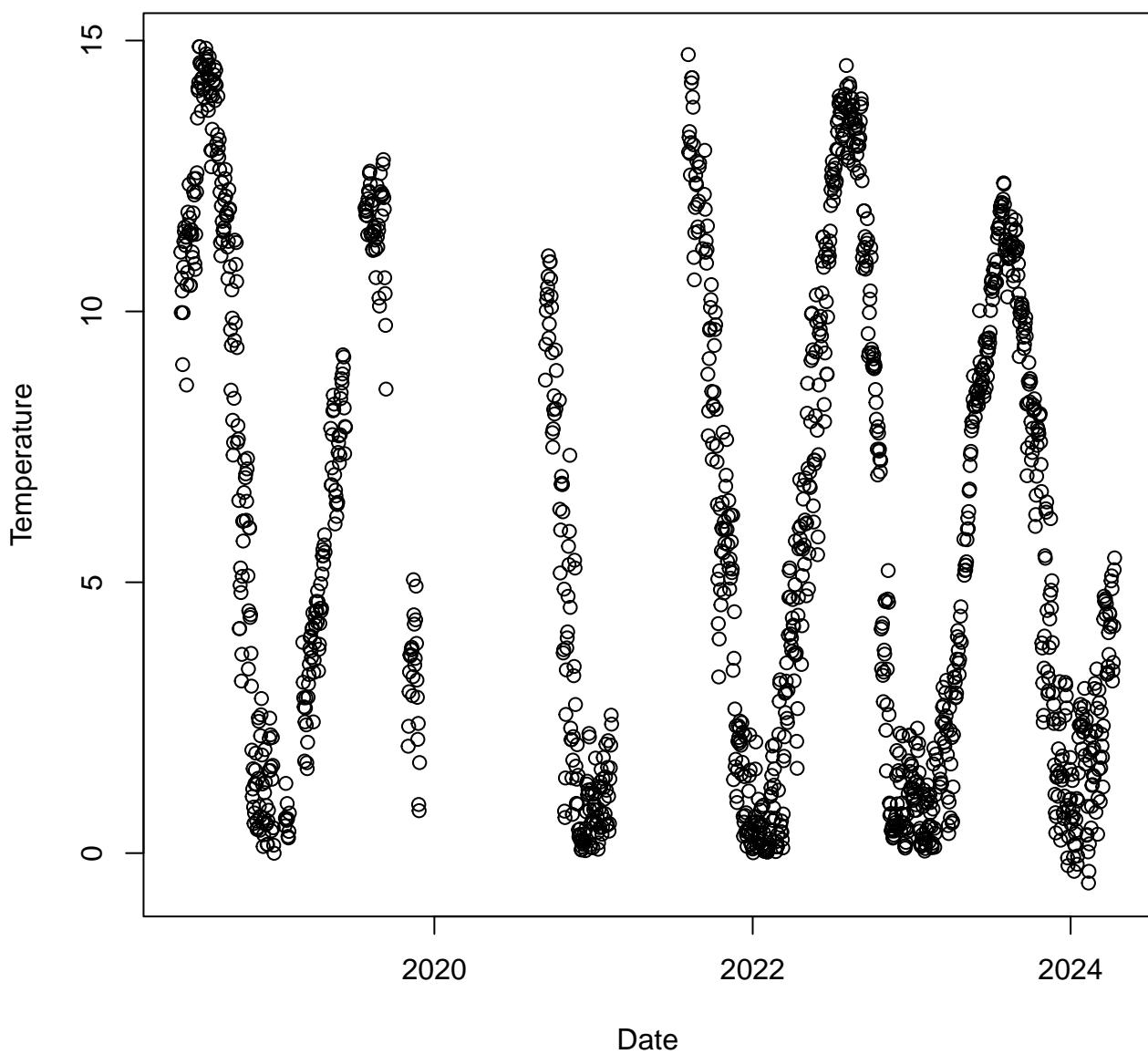
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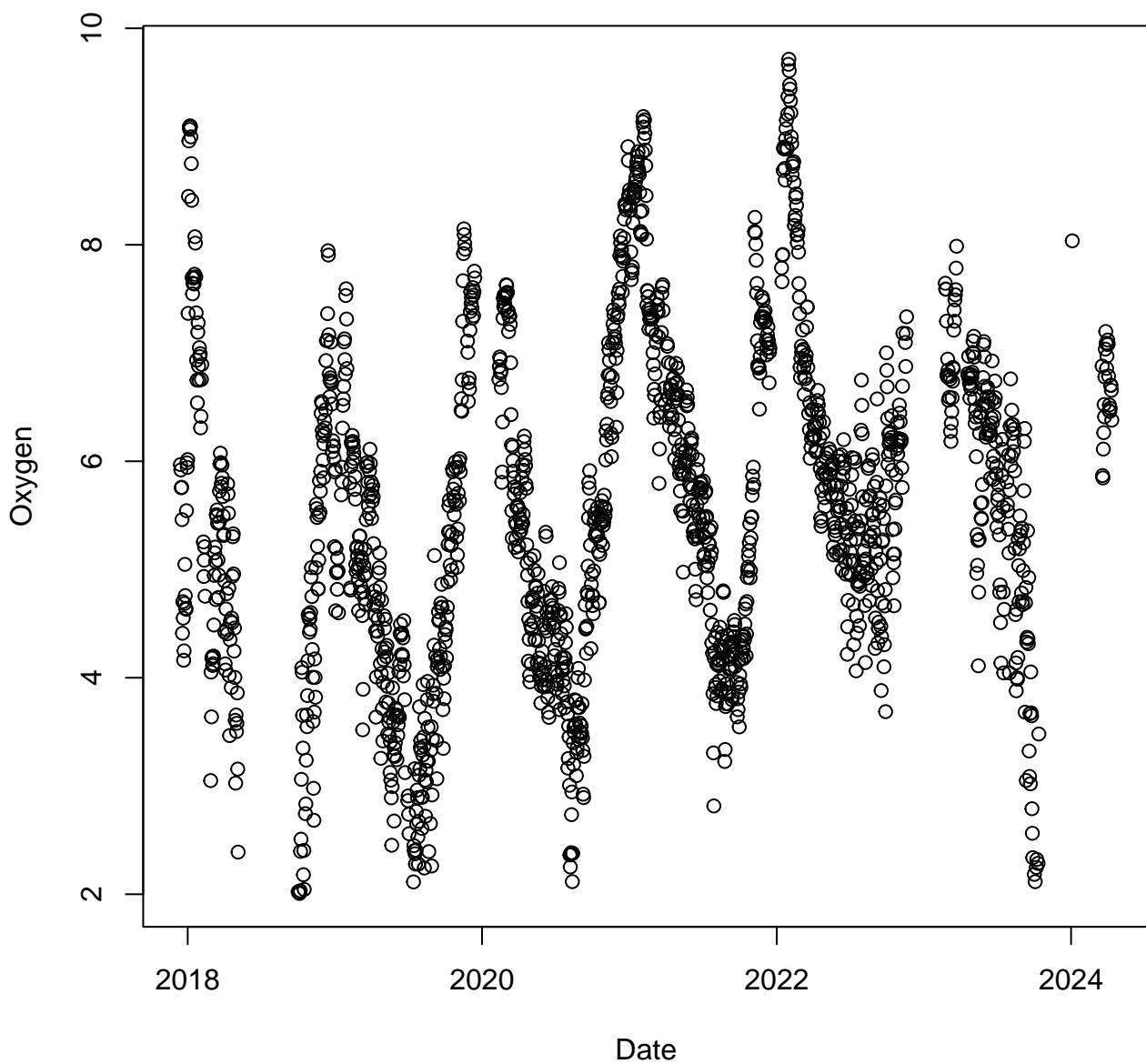
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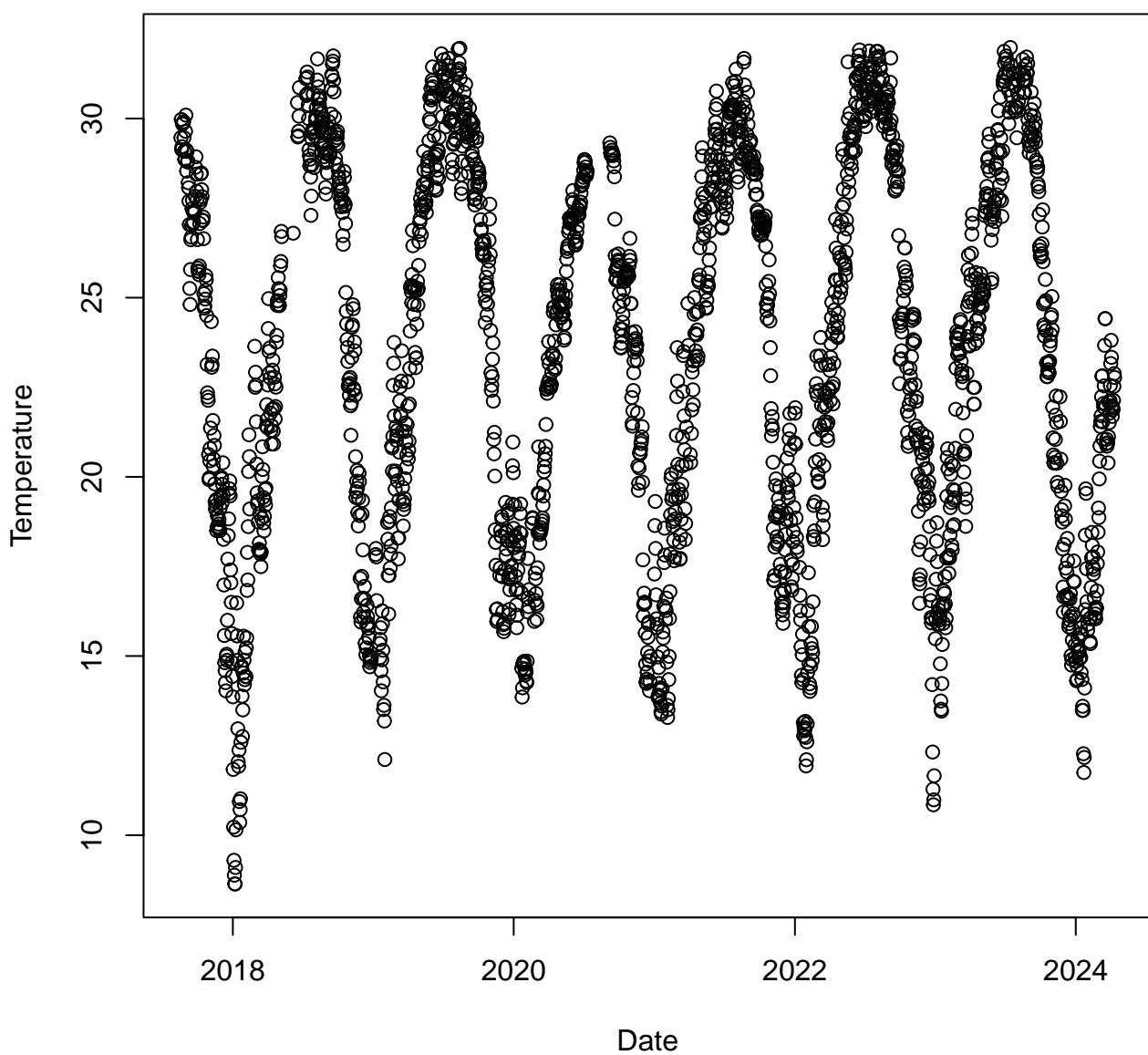
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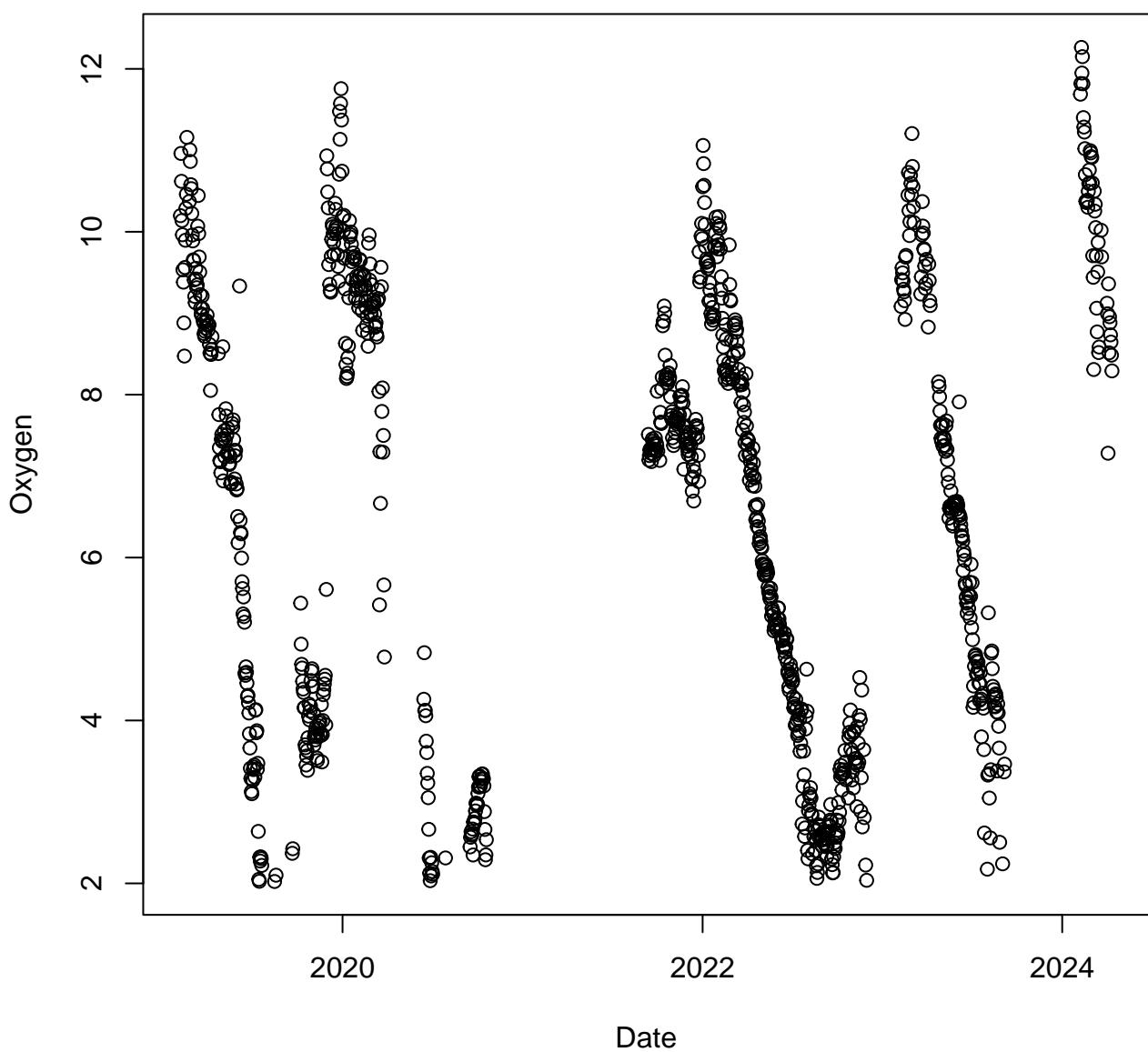
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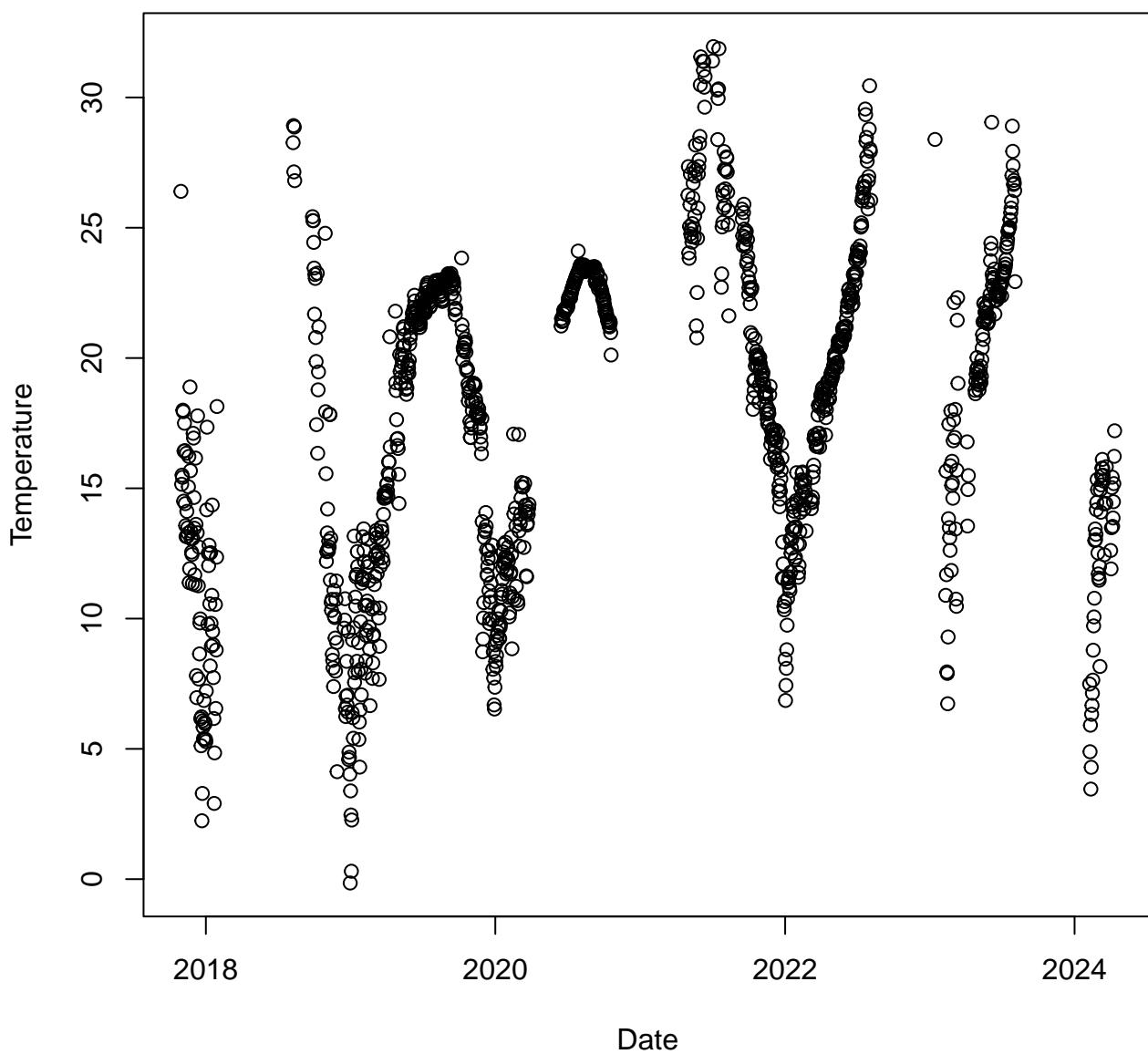
**SUGG**



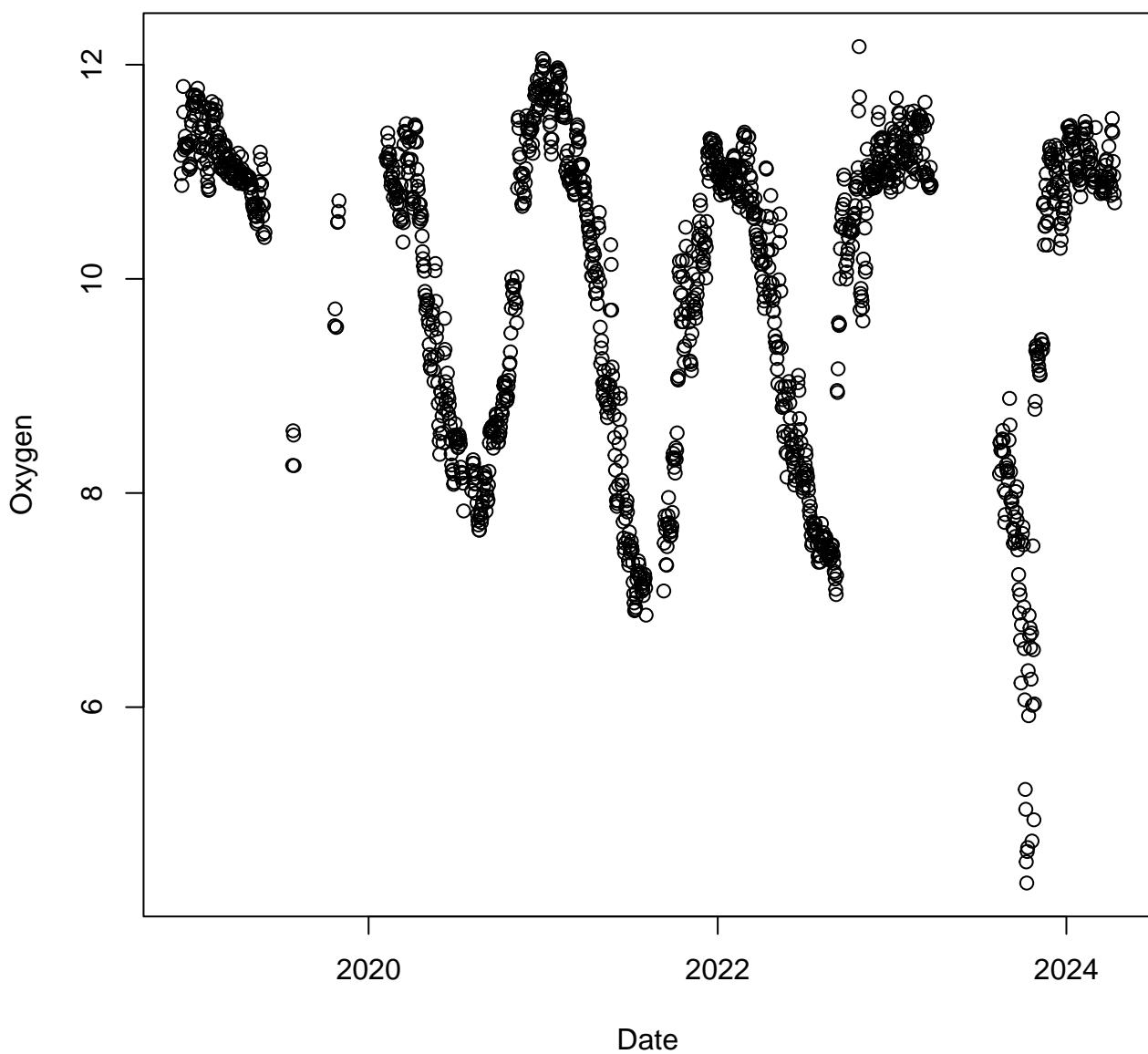
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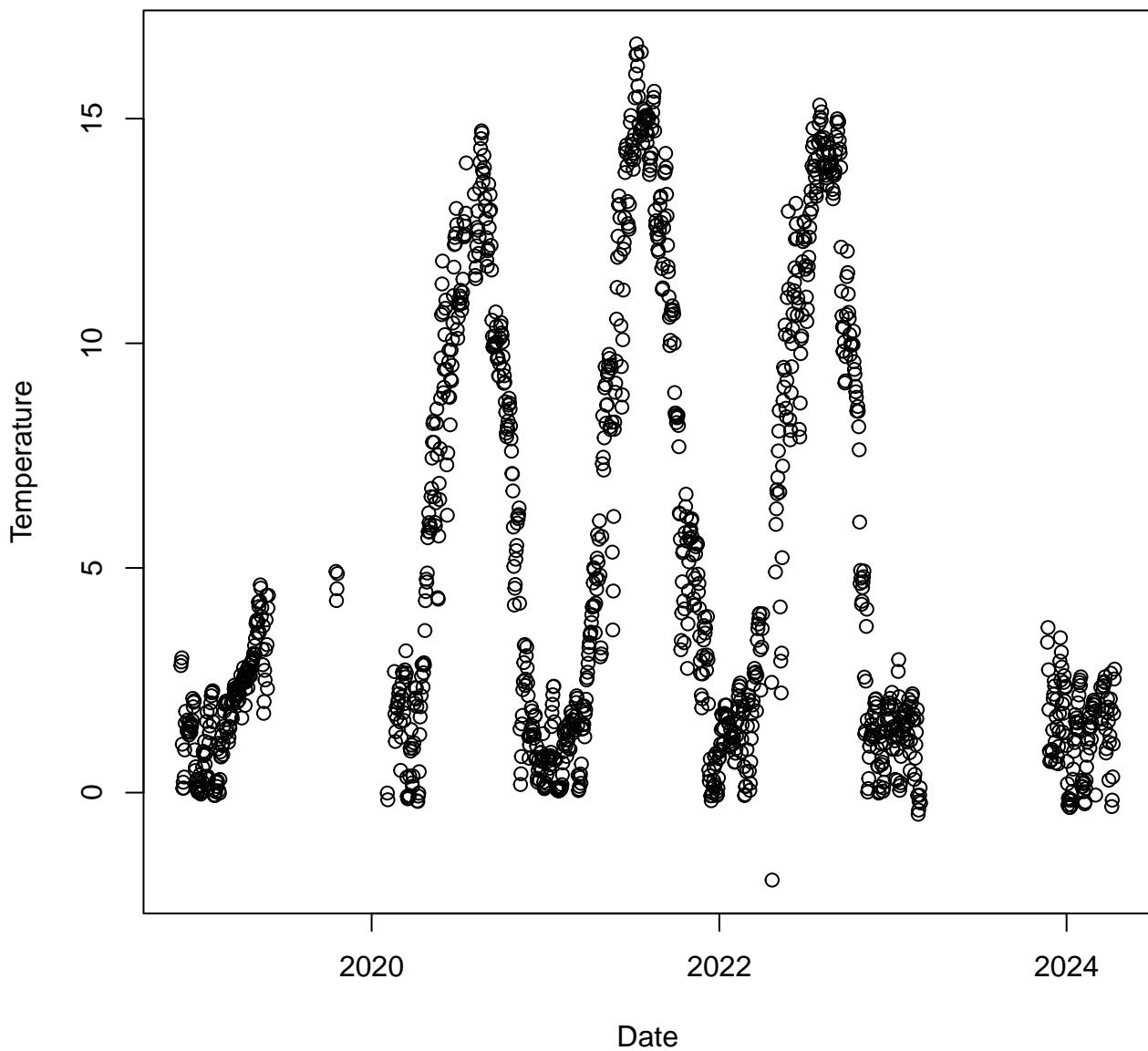
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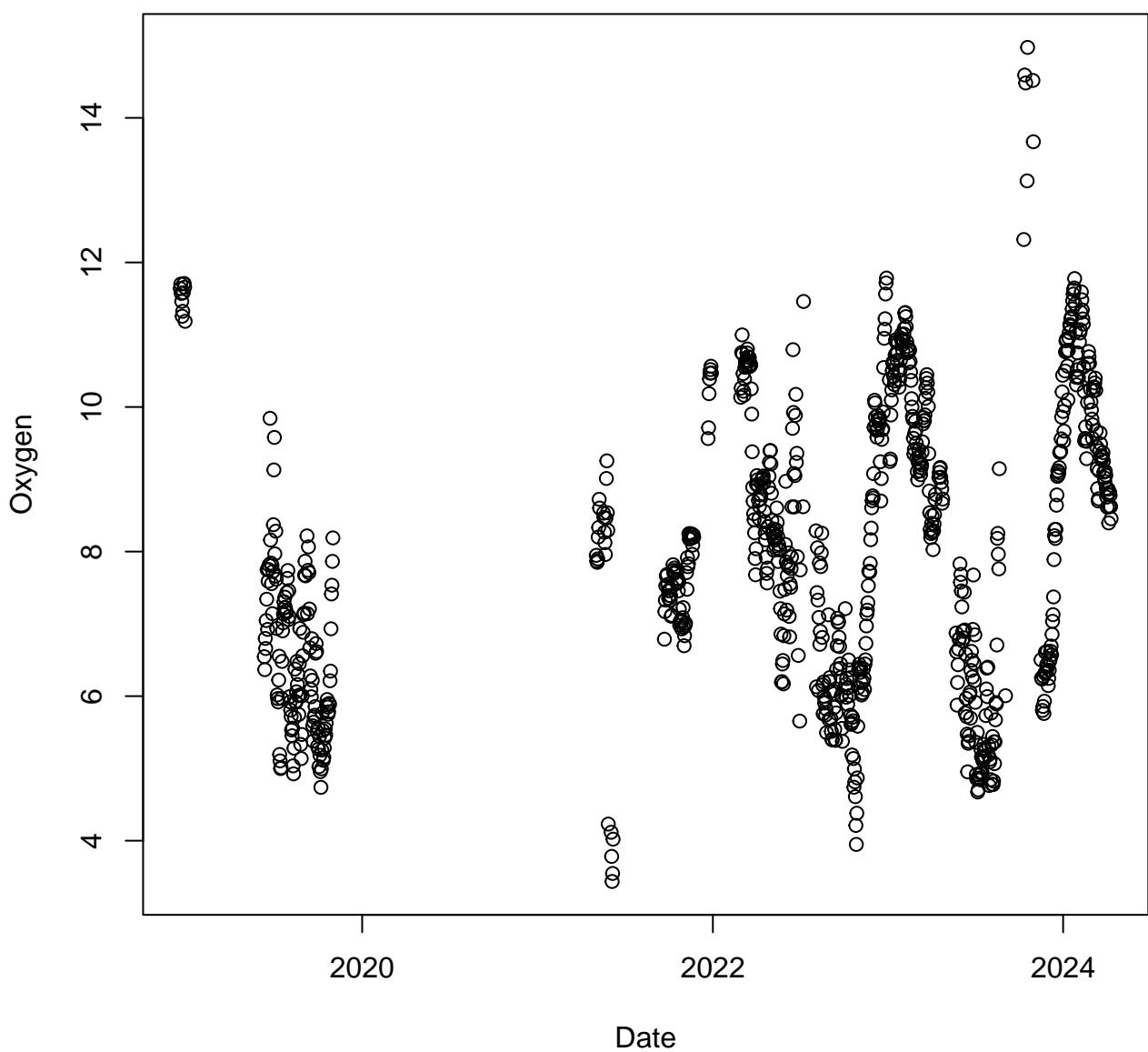
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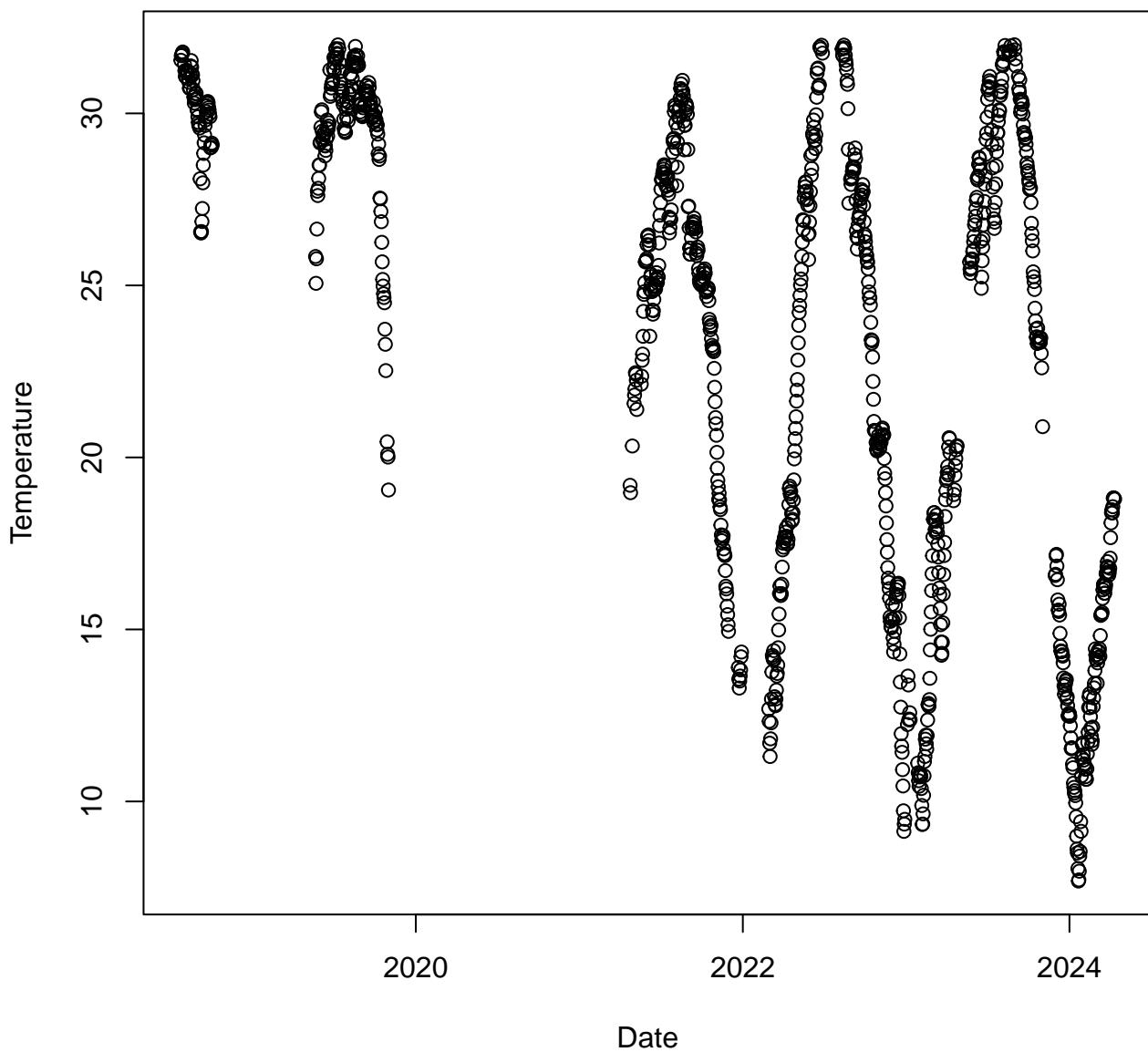
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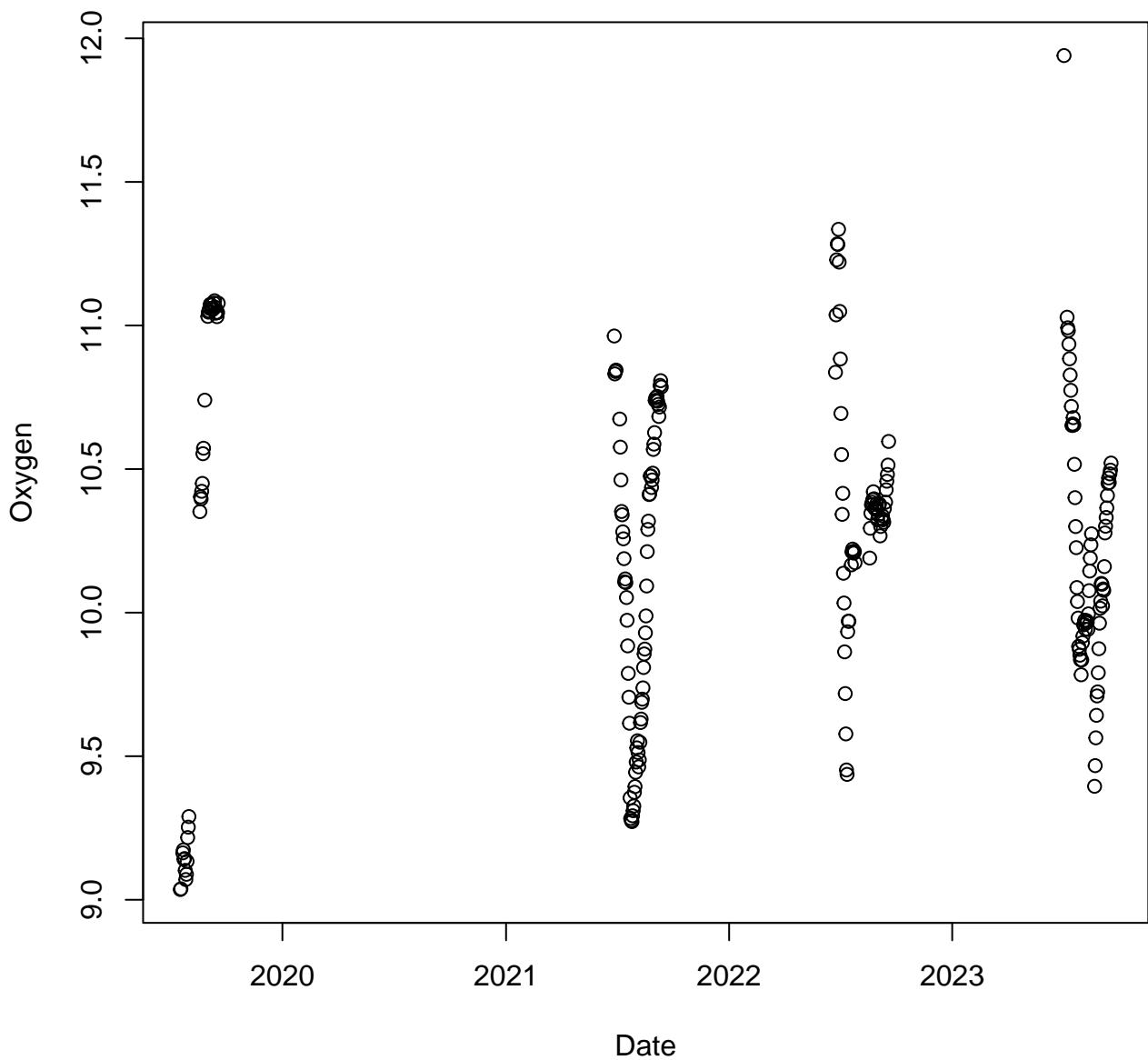
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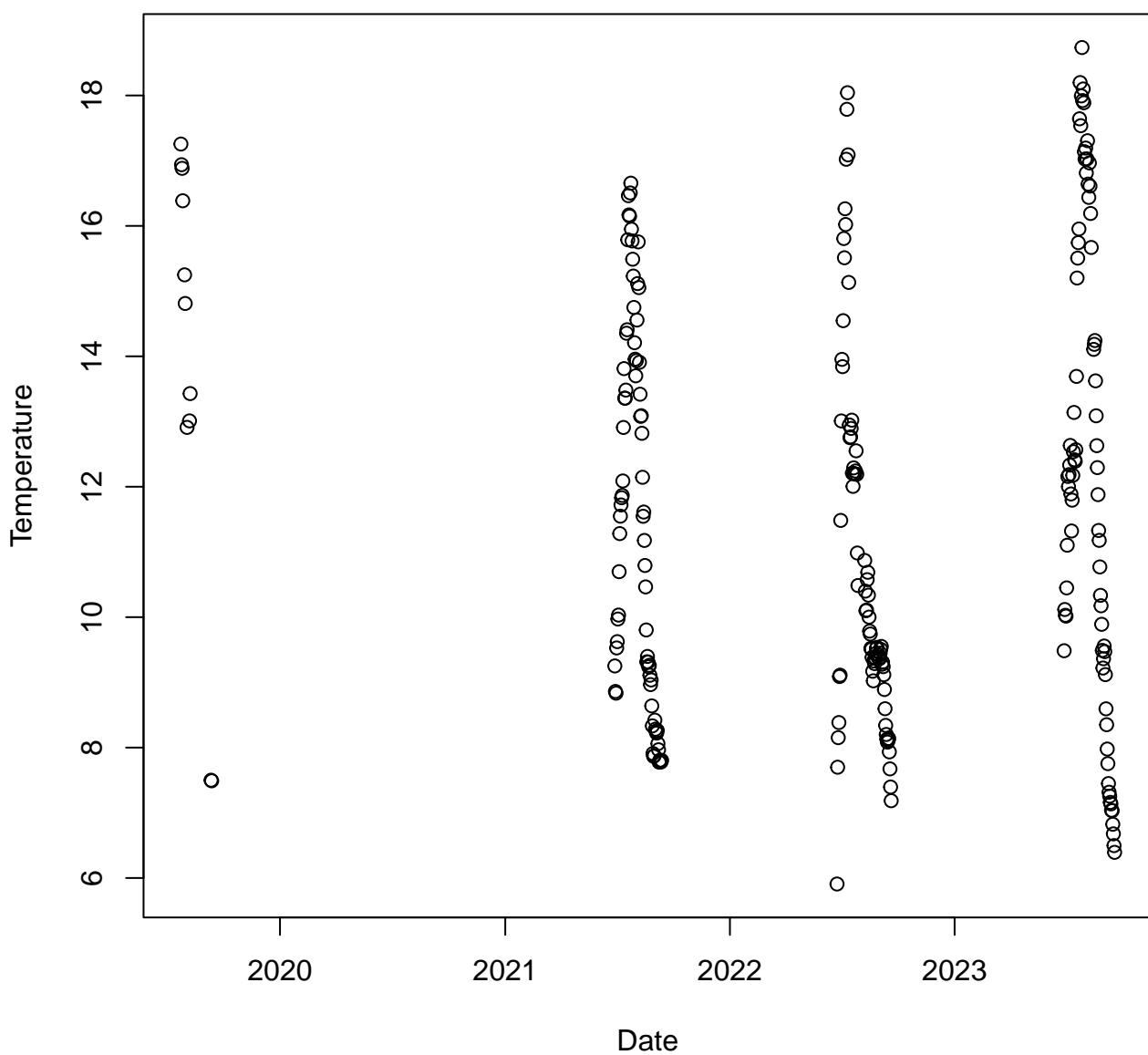
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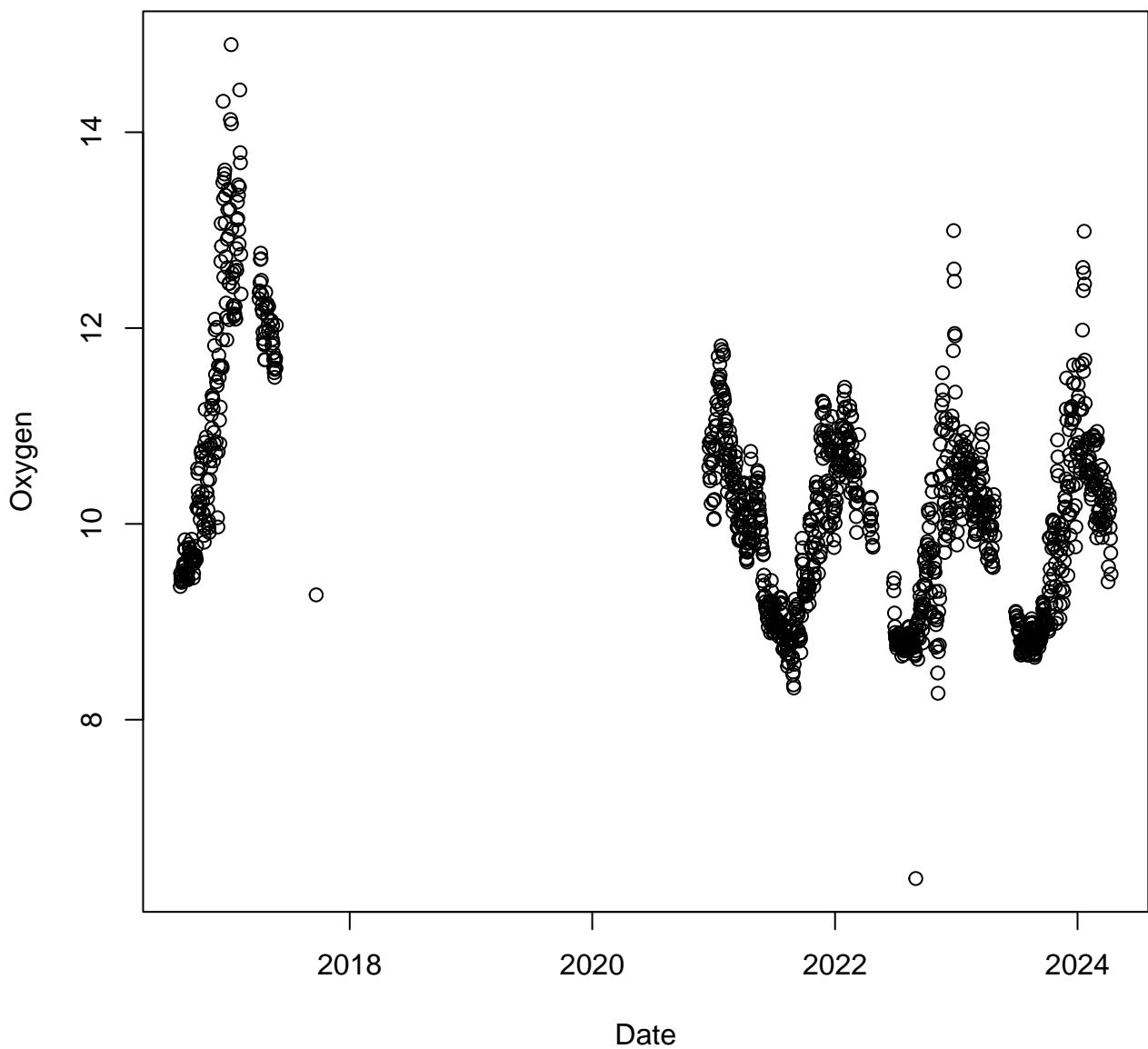
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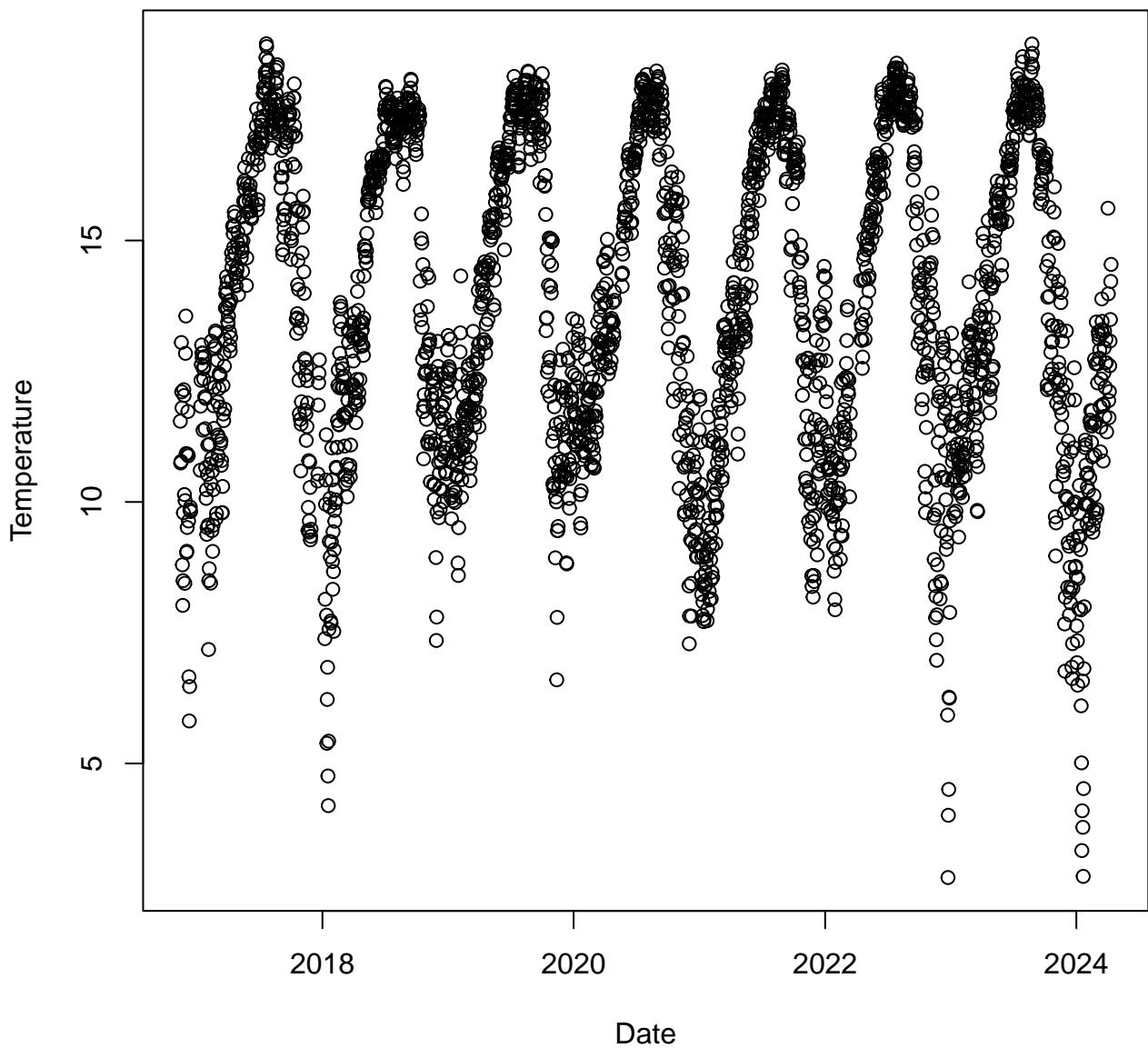
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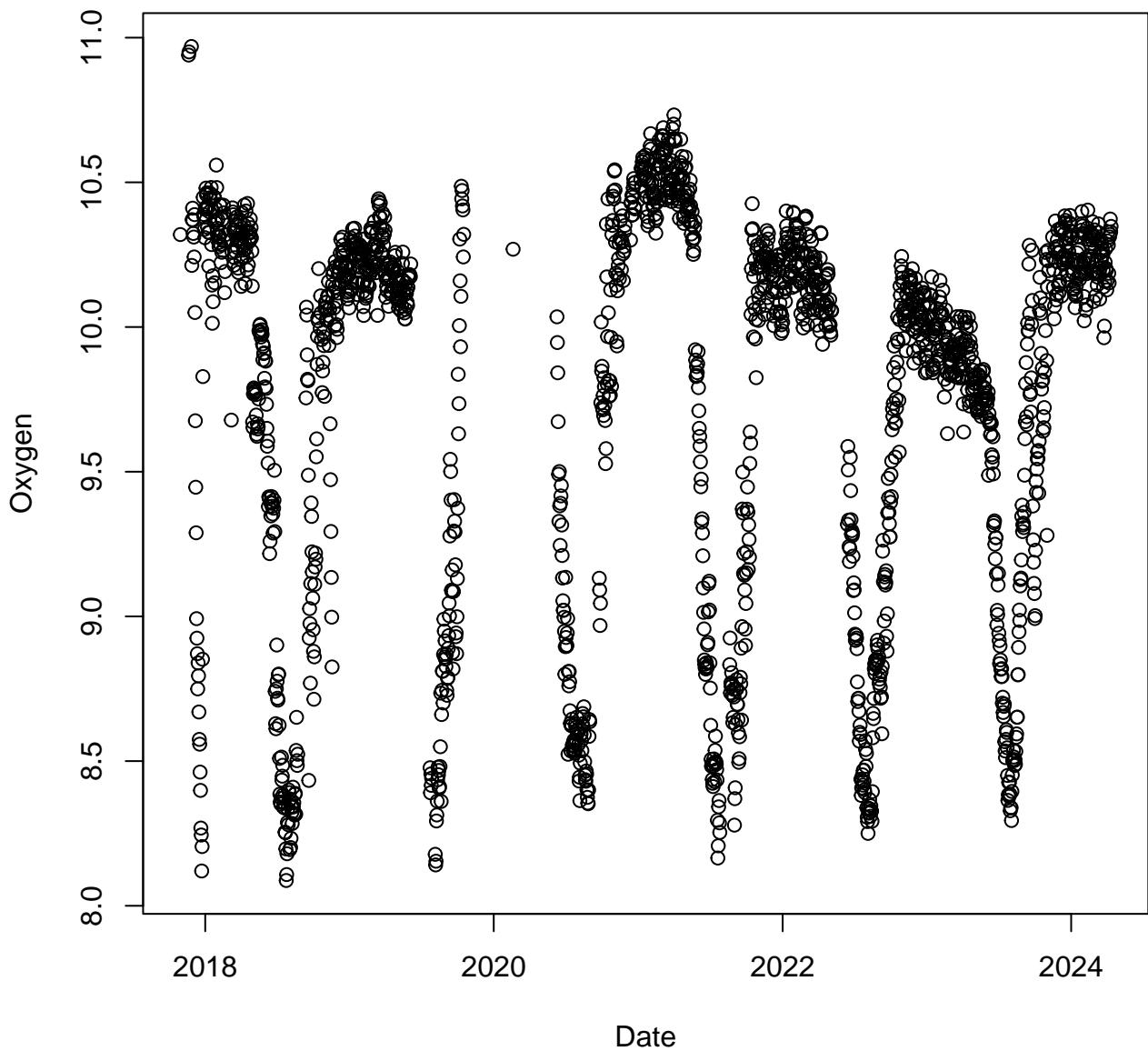
# WALK



# WALK



# WLOU



# WLOU

