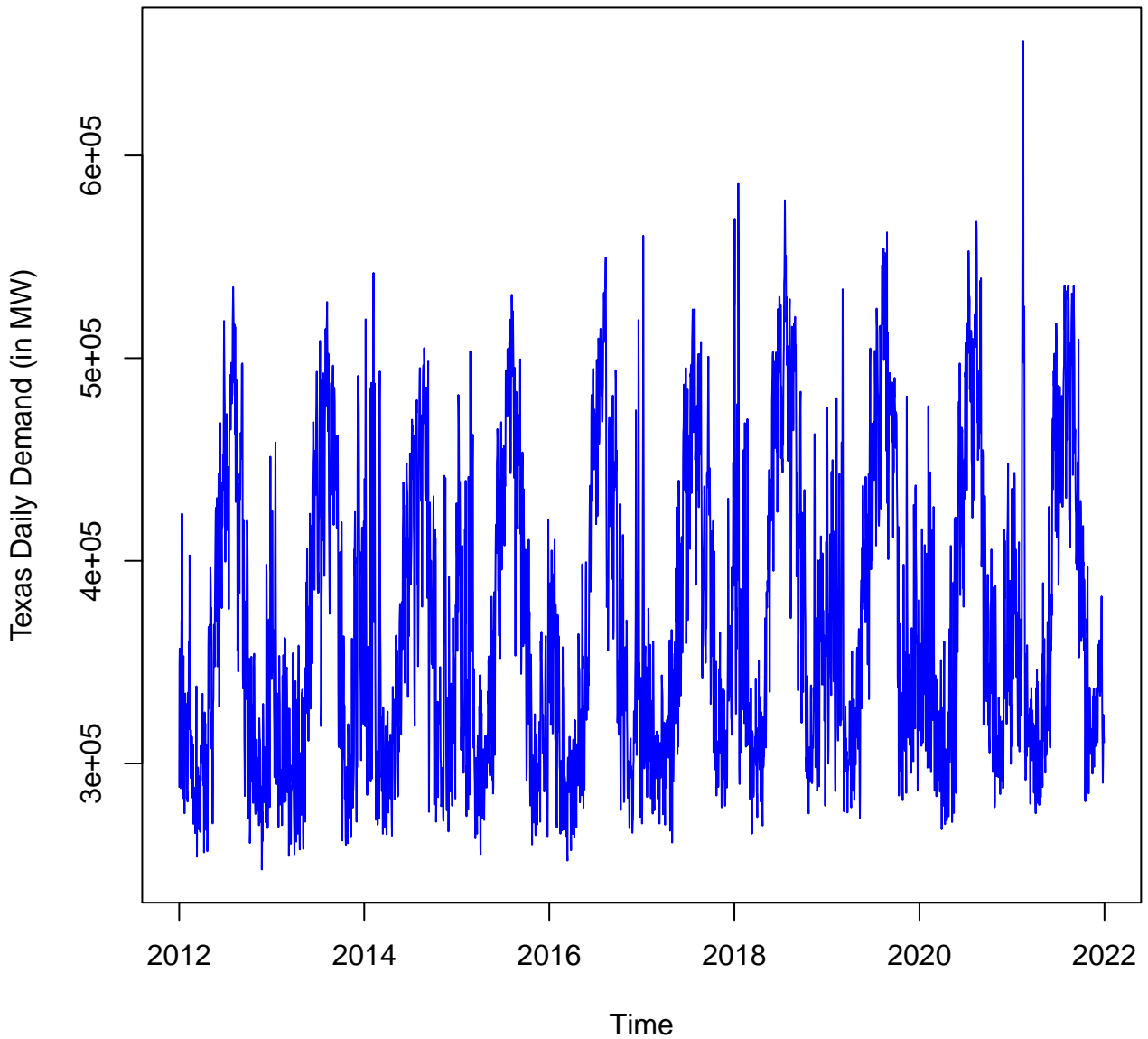


Evolution of Daily Electricity Demand over time



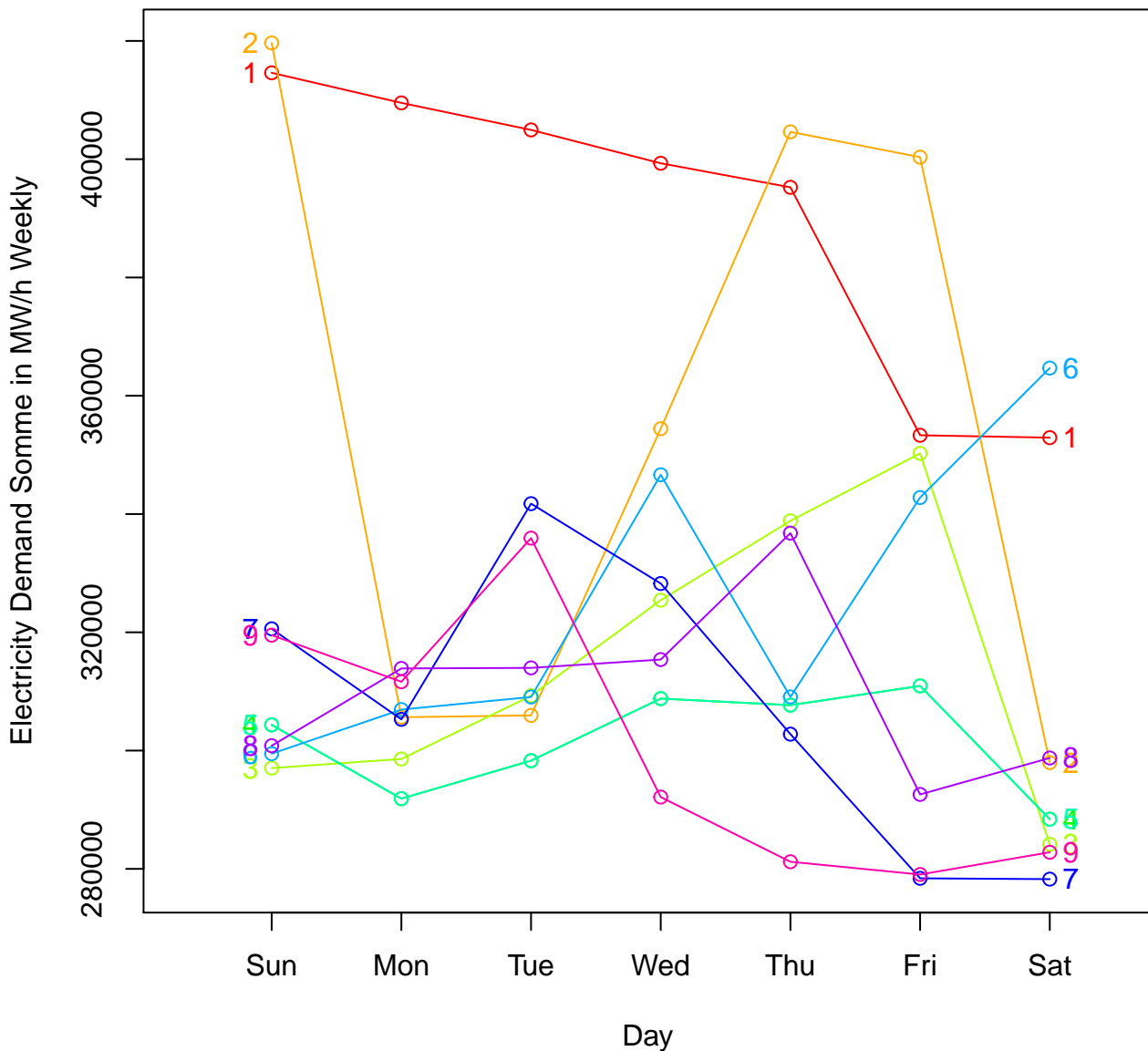


Texas Daily Demand in Region North-Central(in MW)





Seasonal plot: ts_somme



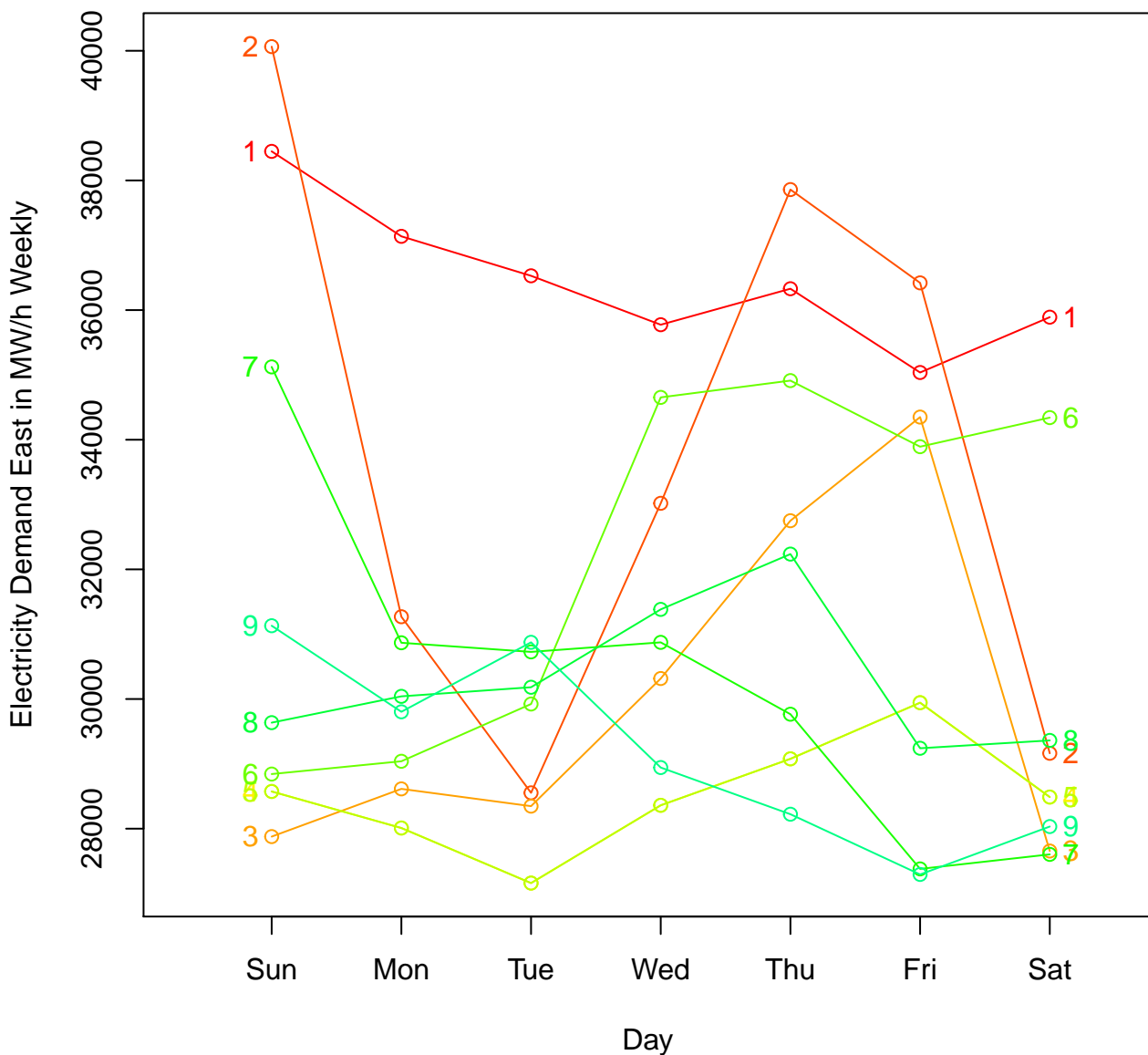
Seasonal plot: ts_north



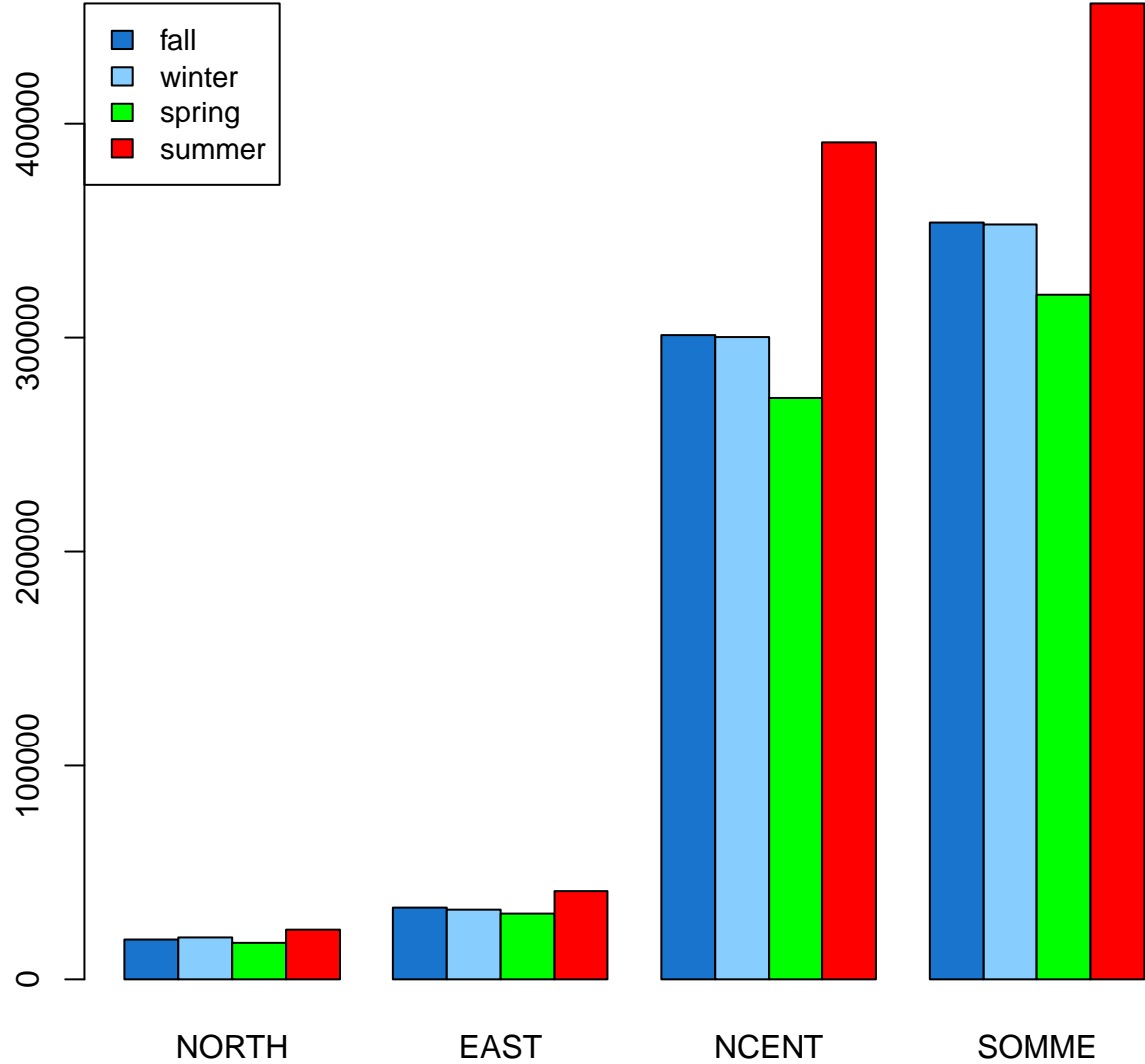
Seasonal plot: ts_north_cen



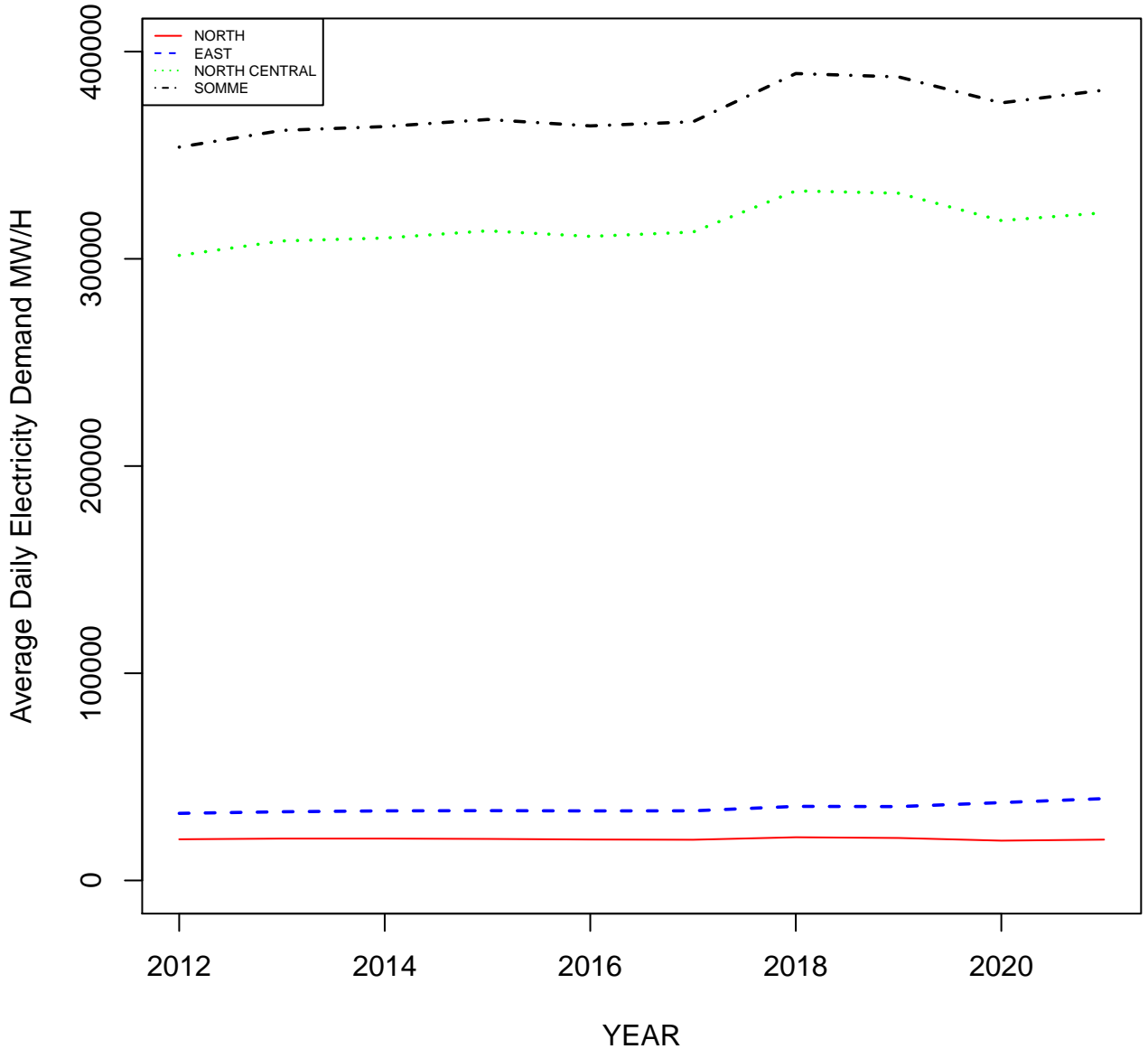
Seasonal plot: ts_east



Average Daily Electricity Demand MW/H per Season



Average Daily Electricity Demand MW/H



% Evolution of Electricity Demand MW/H

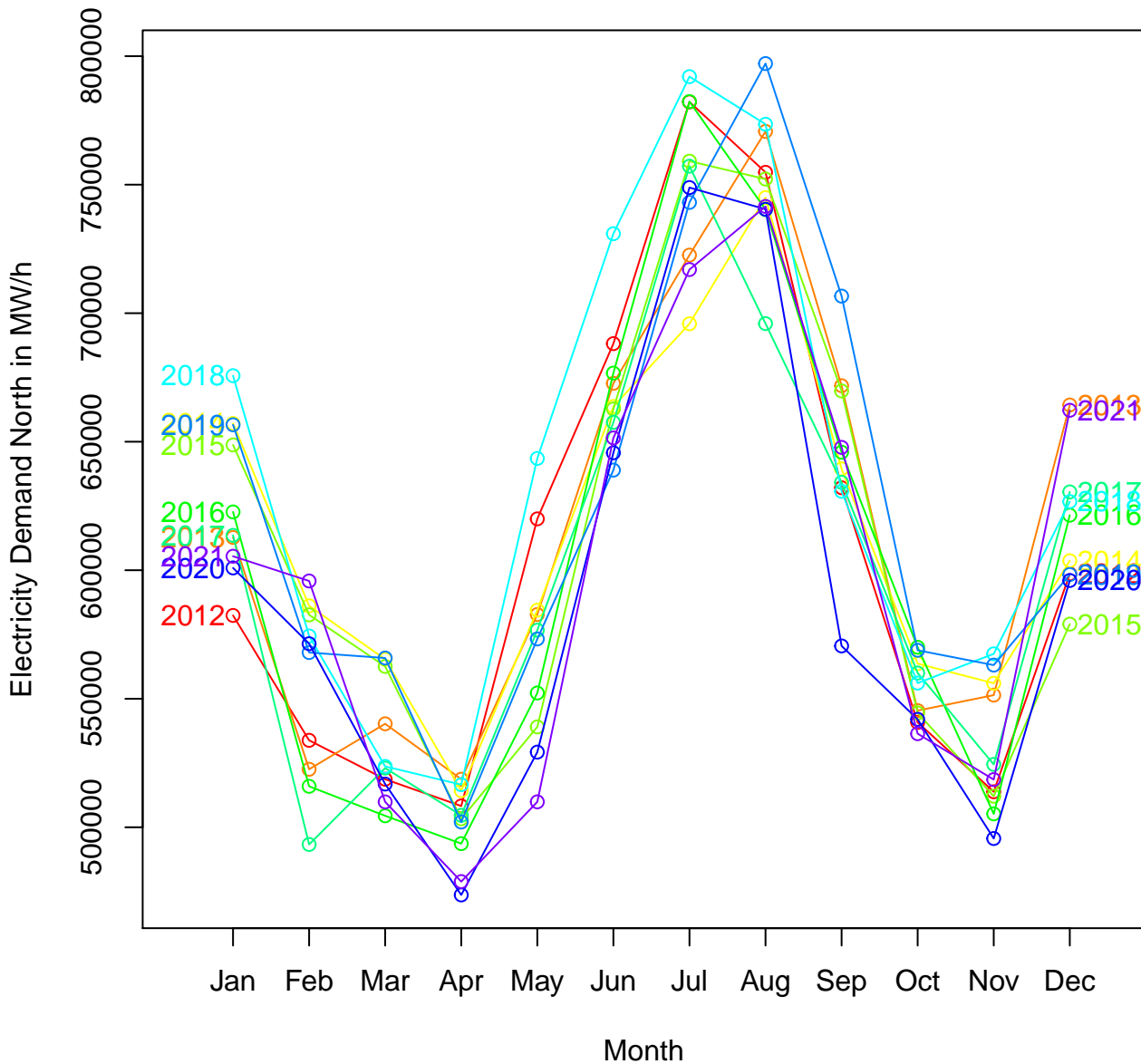


The graph displays the number of COVID-19 cases in the United States from 2012 to 2025. The x-axis represents time, with major ticks for 2012, 2015, 2018, 2020, and 2025. The y-axis represents the number of cases, with major ticks at 0, 100,000,000, 200,000,000, 300,000,000, 400,000,000, 500,000,000, 600,000,000, 700,000,000, 800,000,000, 900,000,000, and 1,000,000,000. The lines represent the following years: 2012 (red), 2013 (orange), 2014 (yellow), 2015 (green), 2016 (blue), 2017 (cyan), 2018 (magenta), 2019 (dark blue), 2020 (light blue), 2021 (dark green), 2022 (dark red), 2023 (dark blue), 2024 (dark green), and 2025 (dark red). The graph shows a significant increase in cases starting around 2019, peaking in 2020 at approximately 900,000,000 cases, followed by a sharp decline in 2021 and a subsequent rise in 2022. The 2025 projection shows a continued upward trend, reaching approximately 1,000,000,000 cases.

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Month

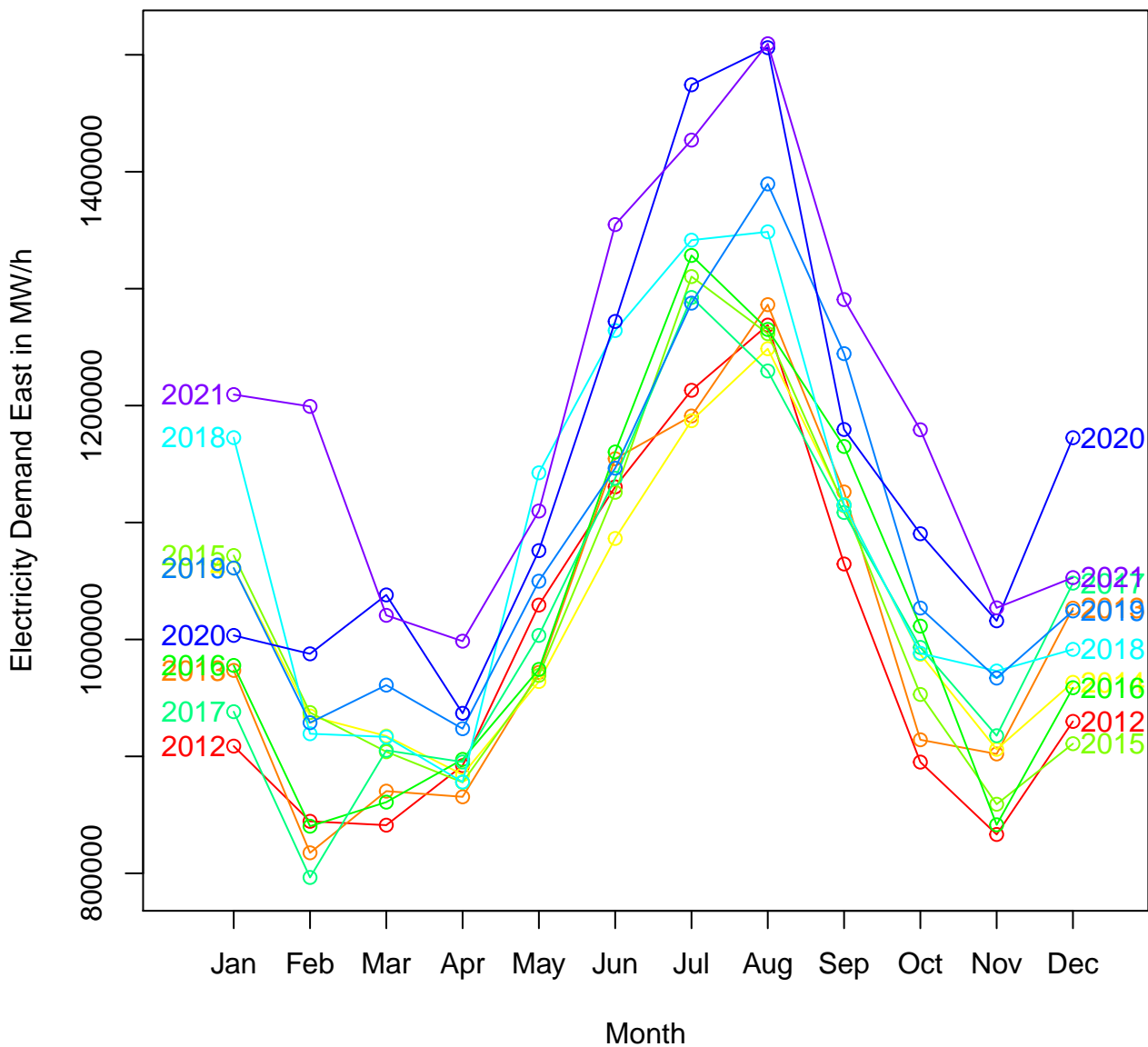
Seasonal plot: ts_north



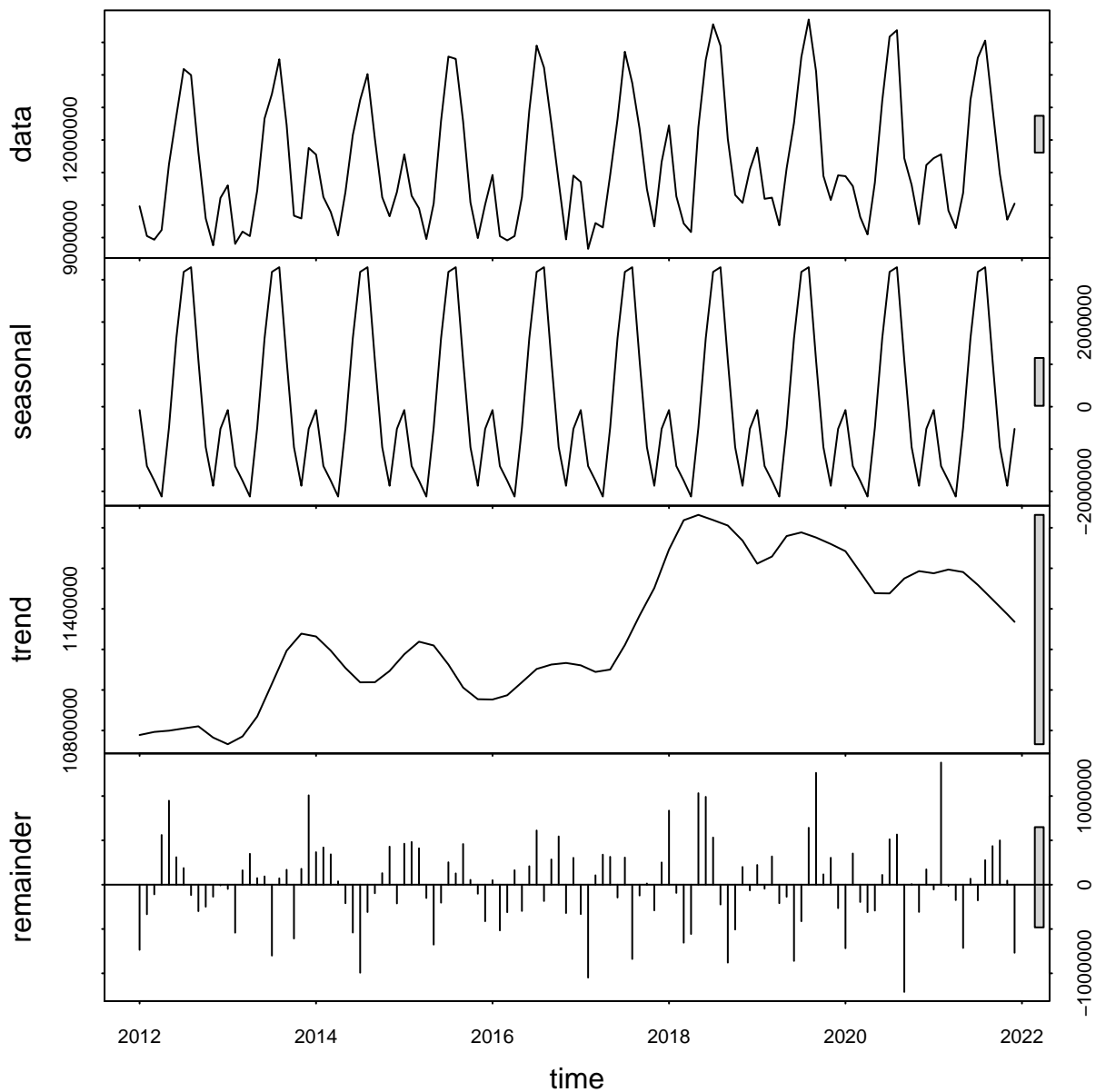
Seasonal plot: ts_north_cen



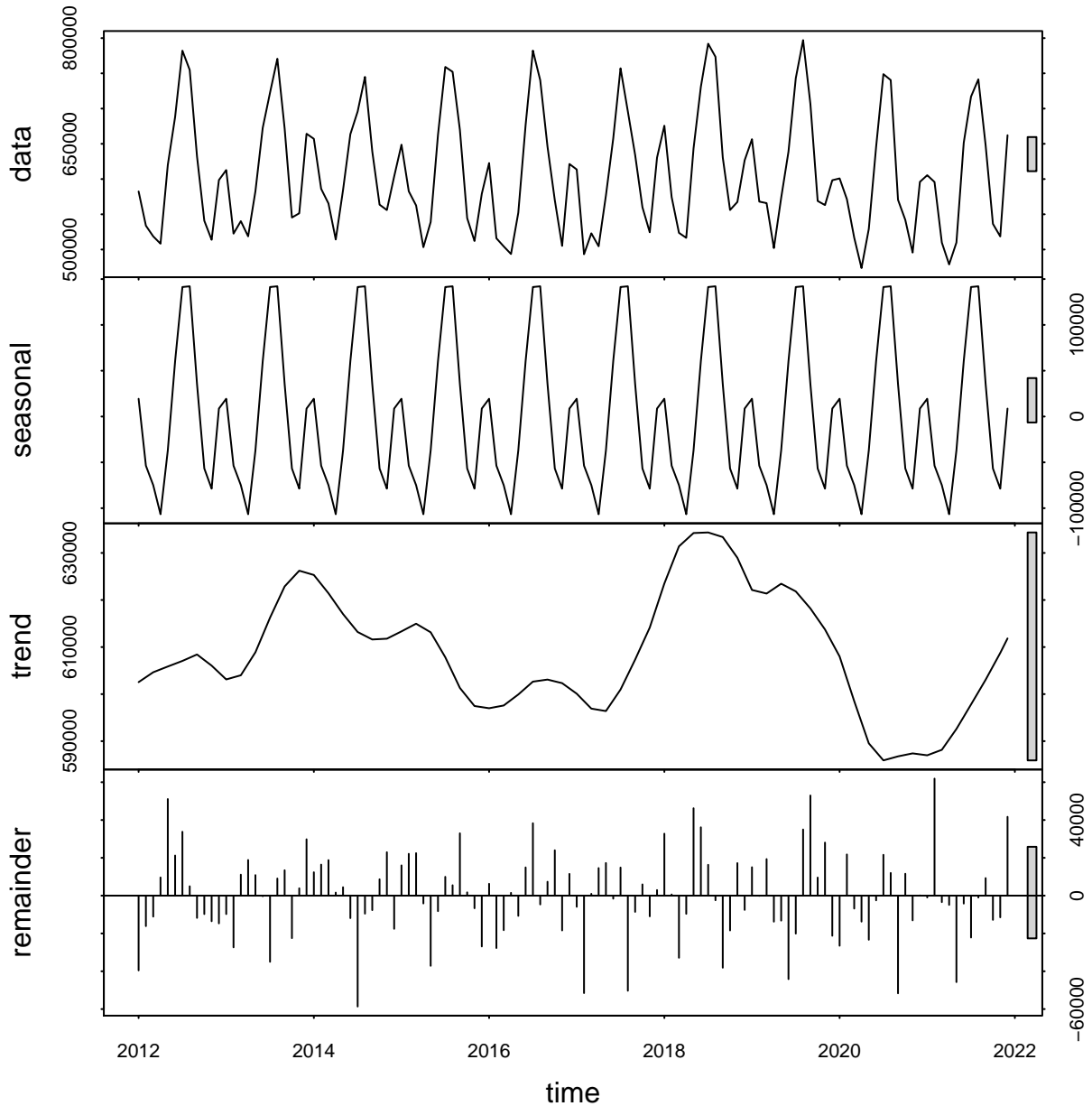
Seasonal plot: ts_east



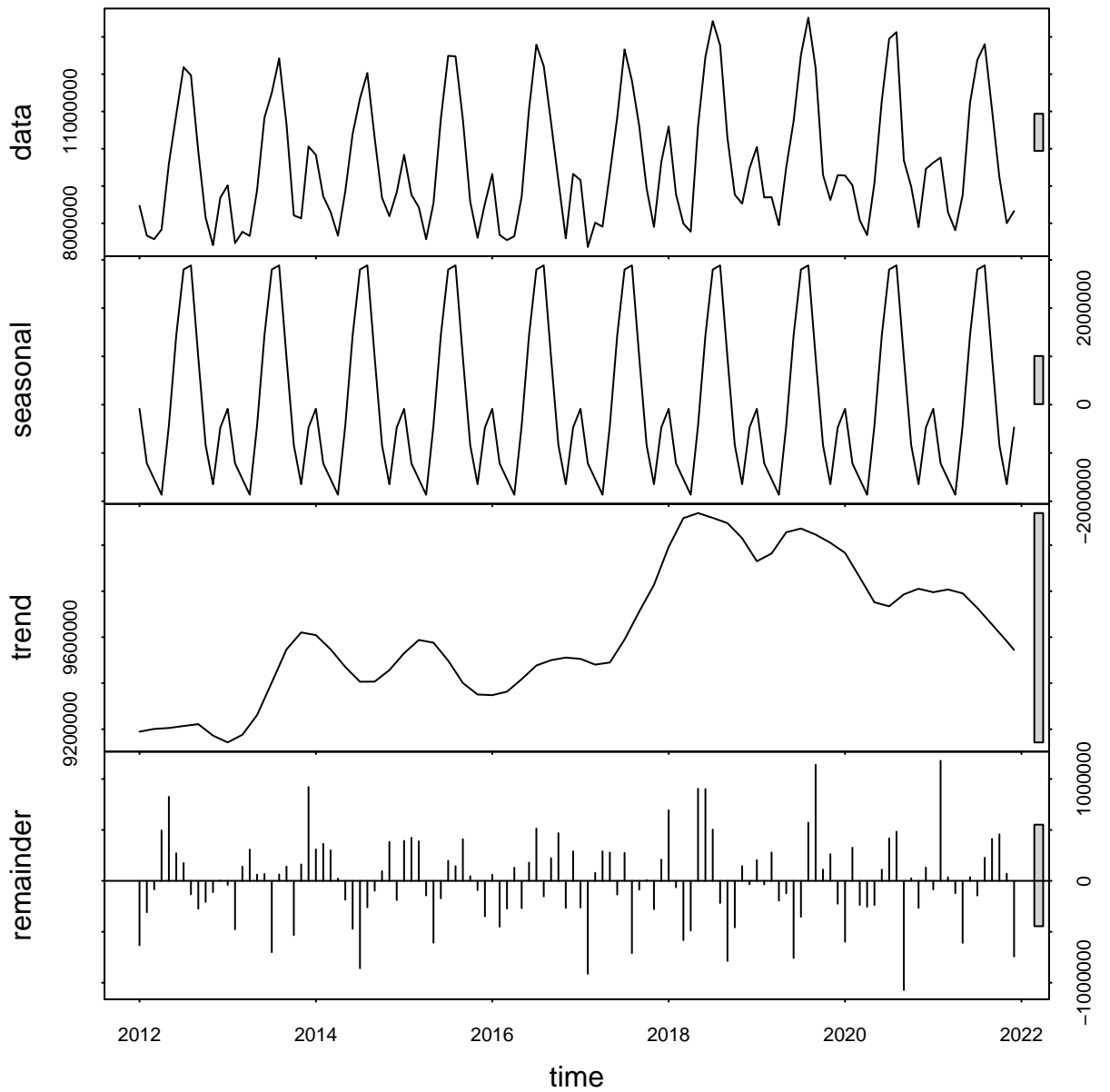
stl decomposition Somme 2012-21



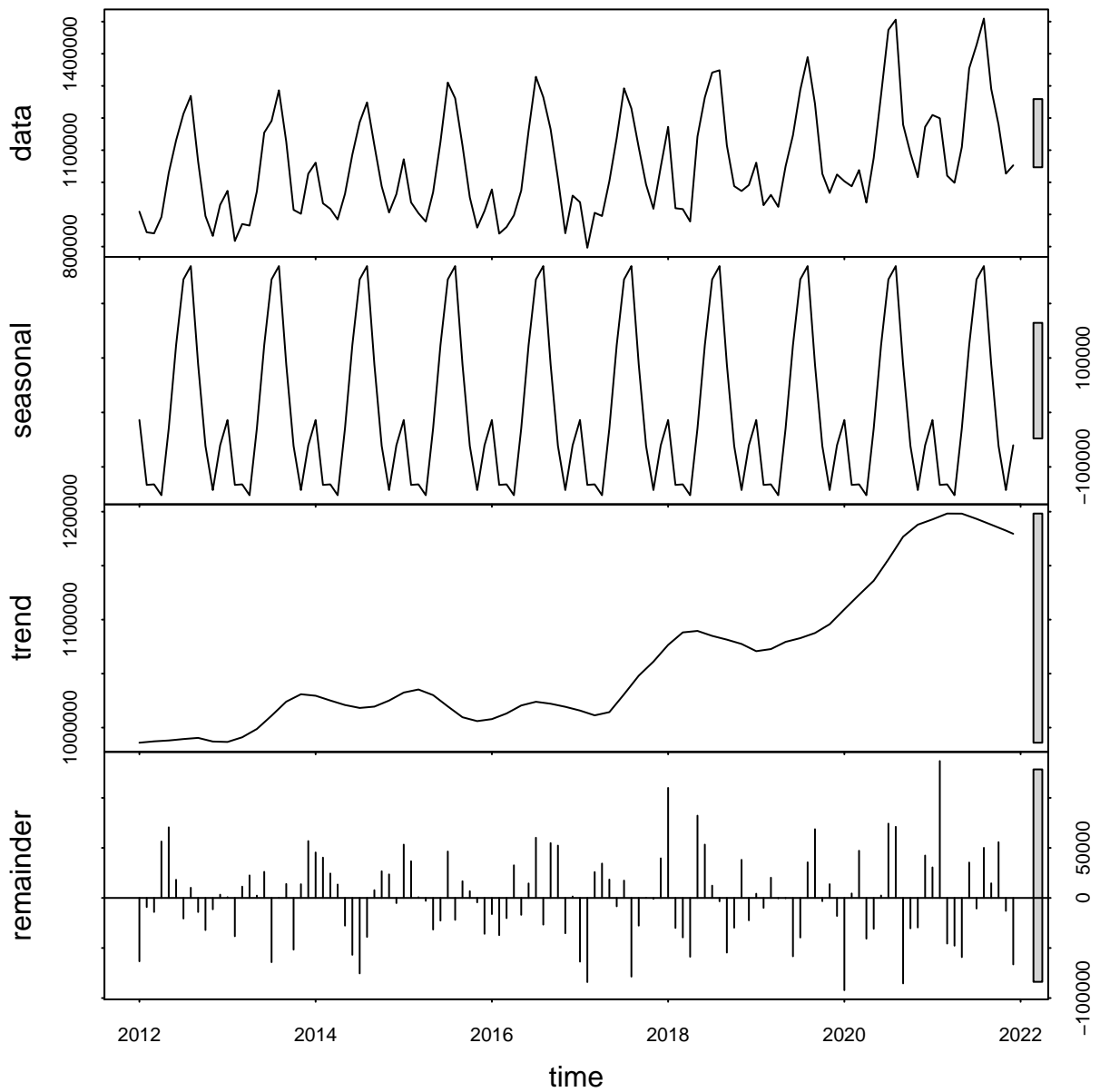
stl decomposition North 2012–21



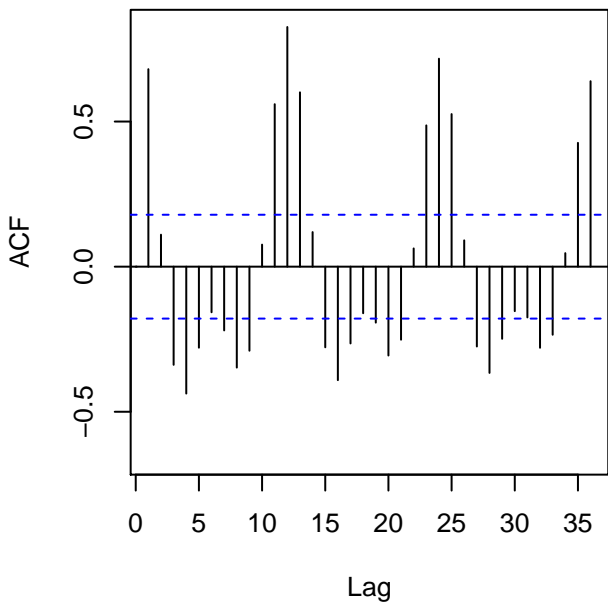
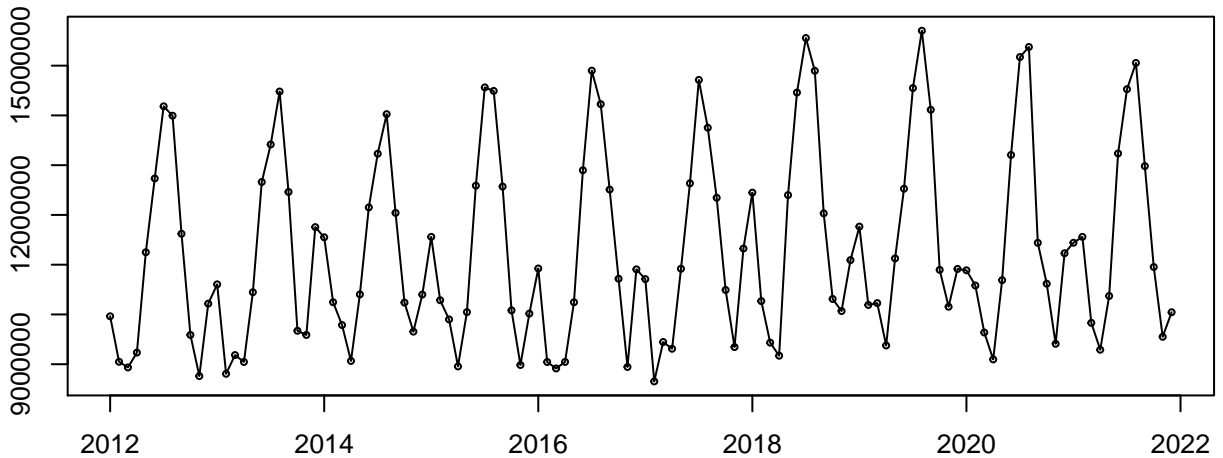
stl decomposition North Central 2012–21



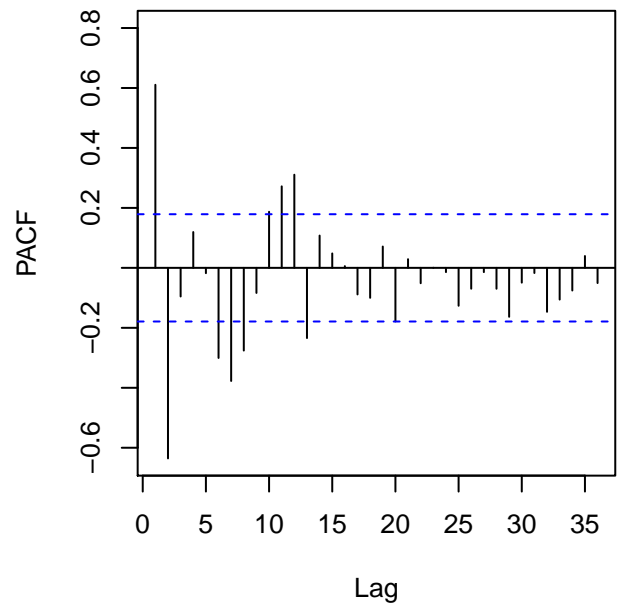
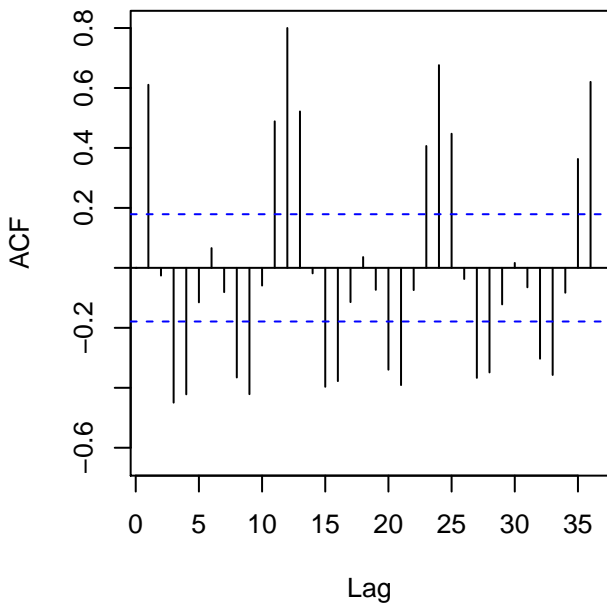
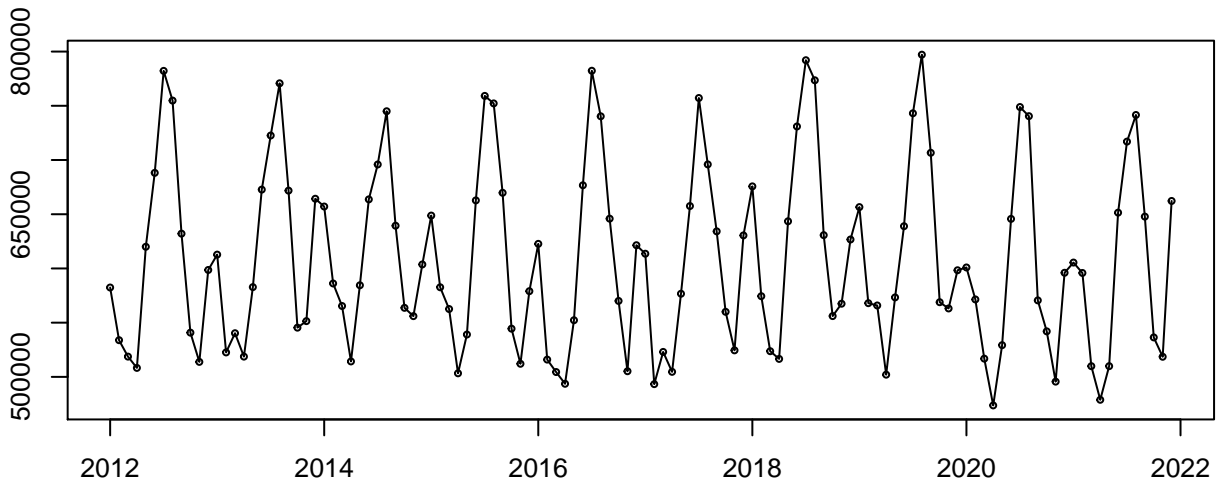
stl decomposition East 2012-21



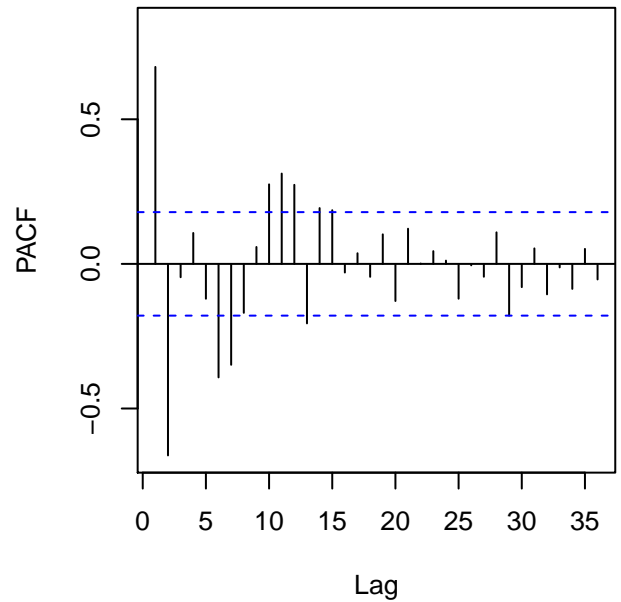
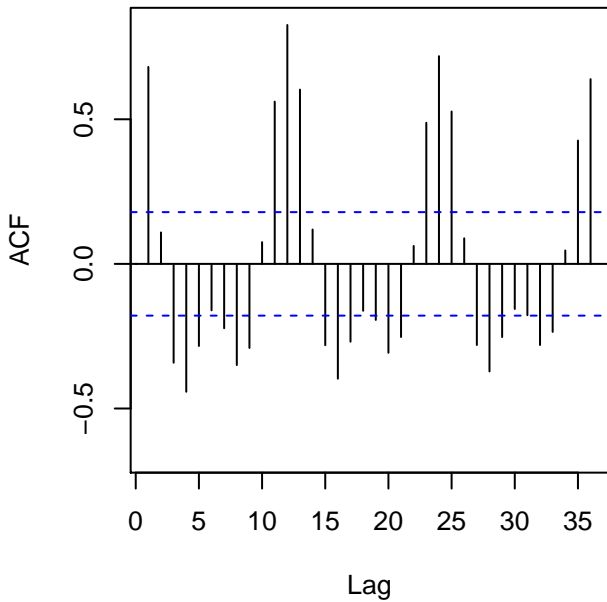
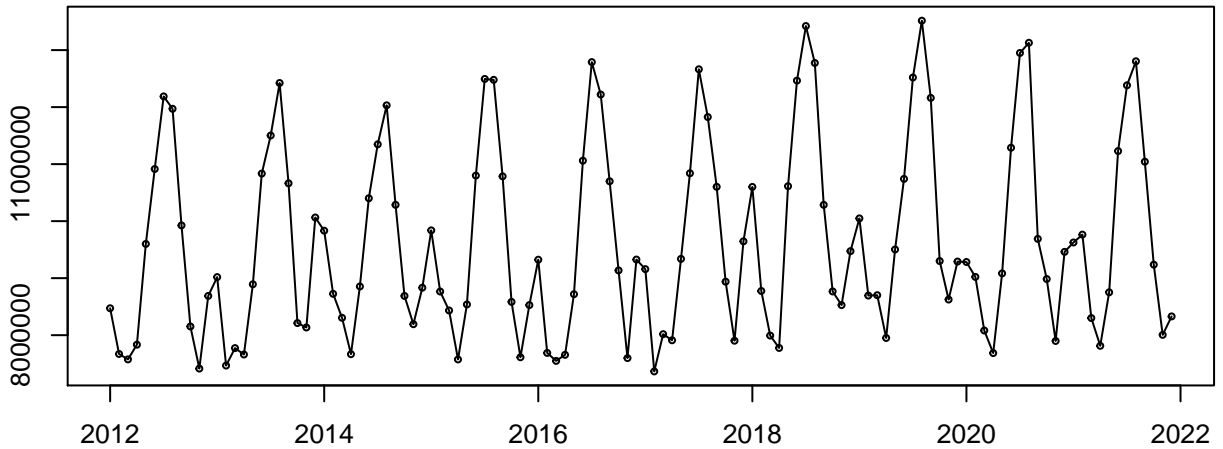
All regions Somme 2012-21



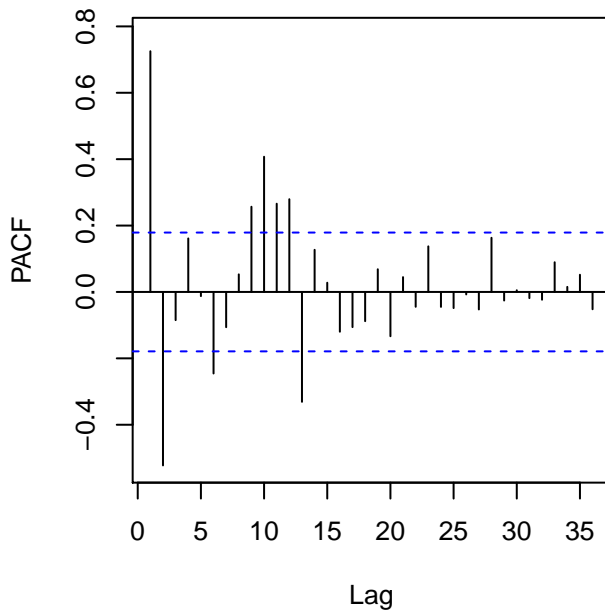
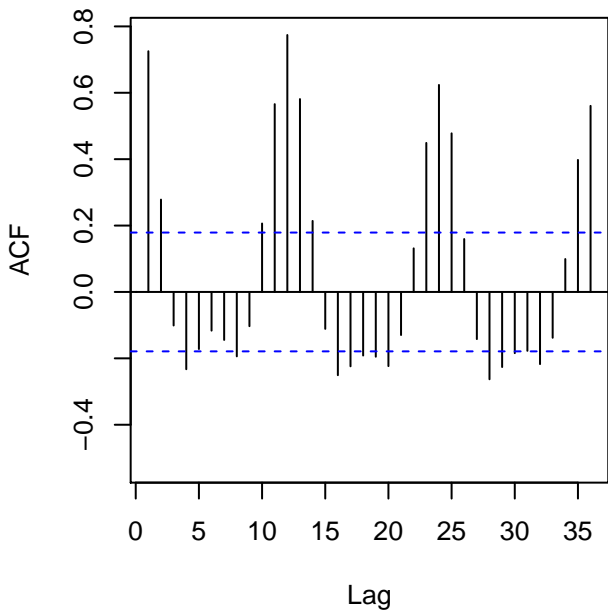
All regions North 2012–21



All regions North Central 2012–21



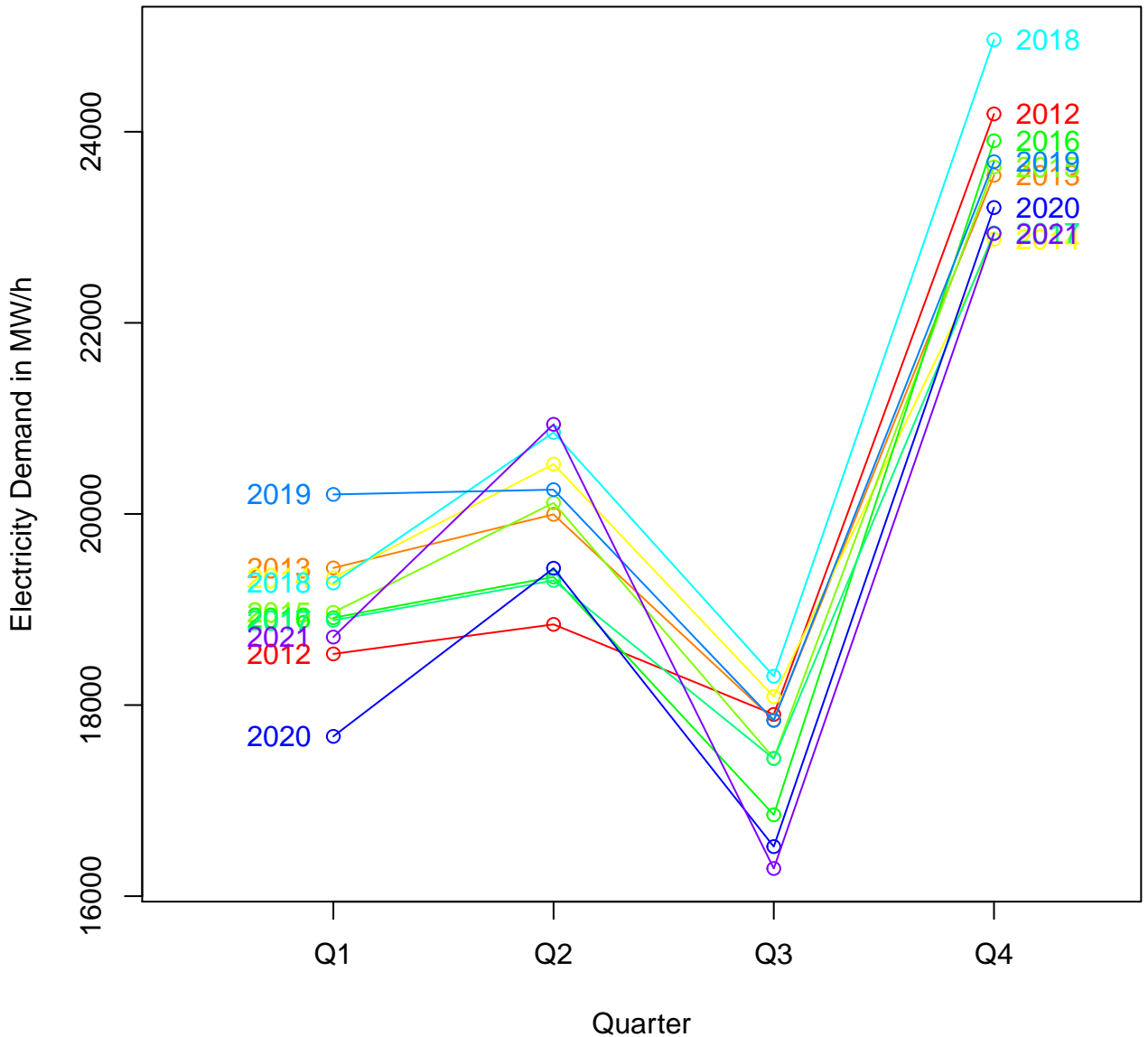
All regions East 2012–21



Seasonal plot: ts_somme



Seasonal plot: ts_north



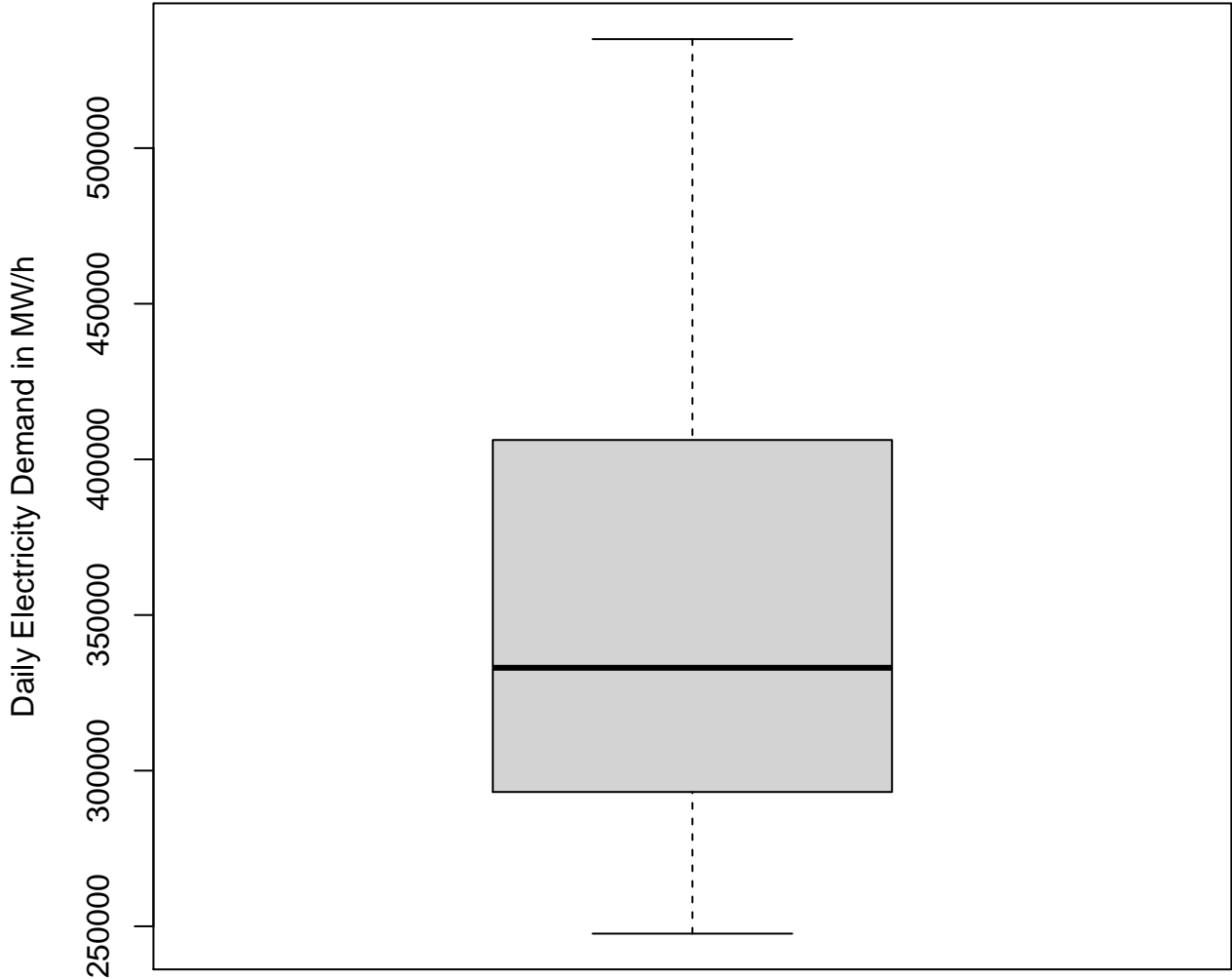
Seasonal plot: ts_north_cen



Seasonal plot: ts_east



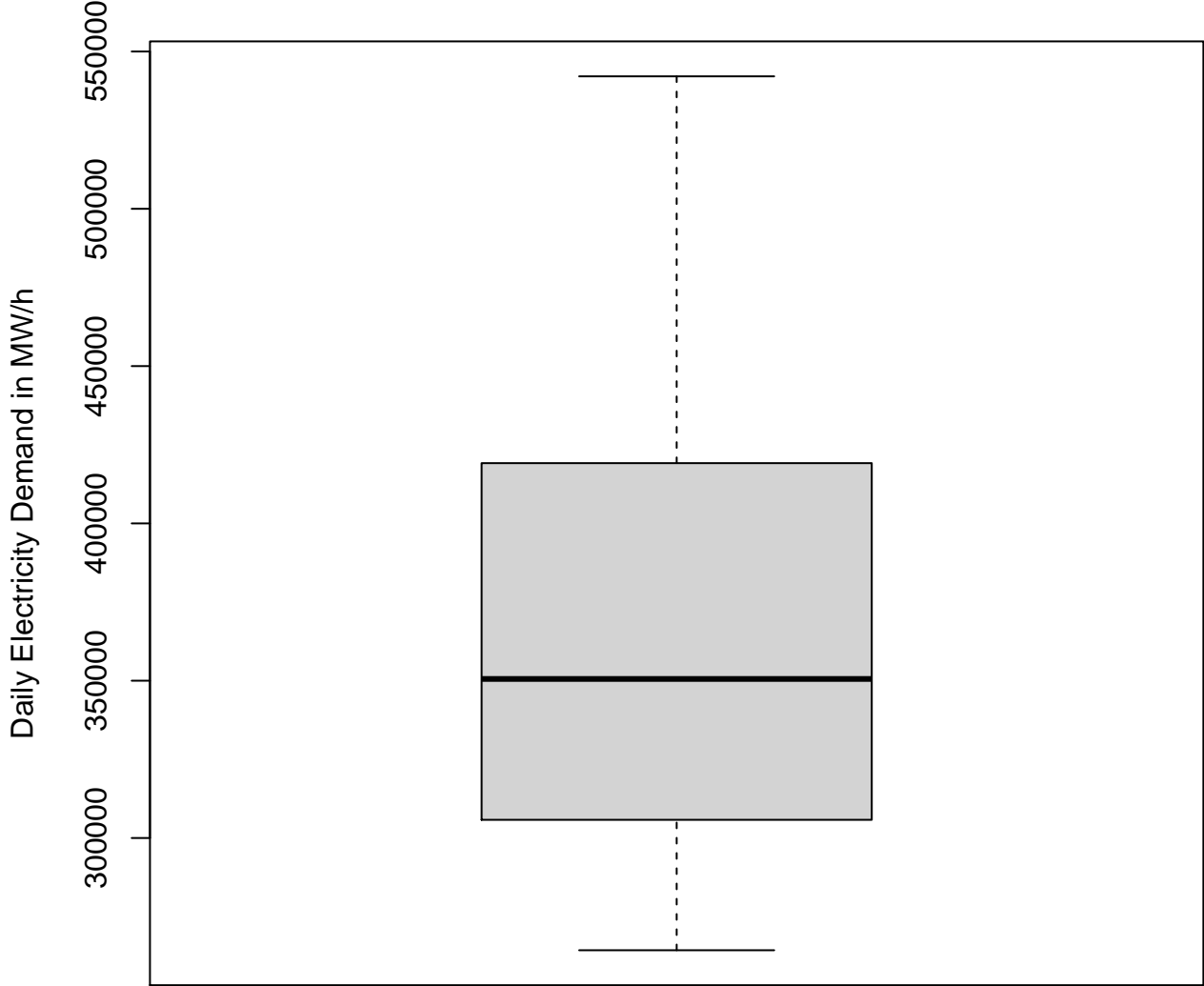
Outlier Analysis Somme 2012



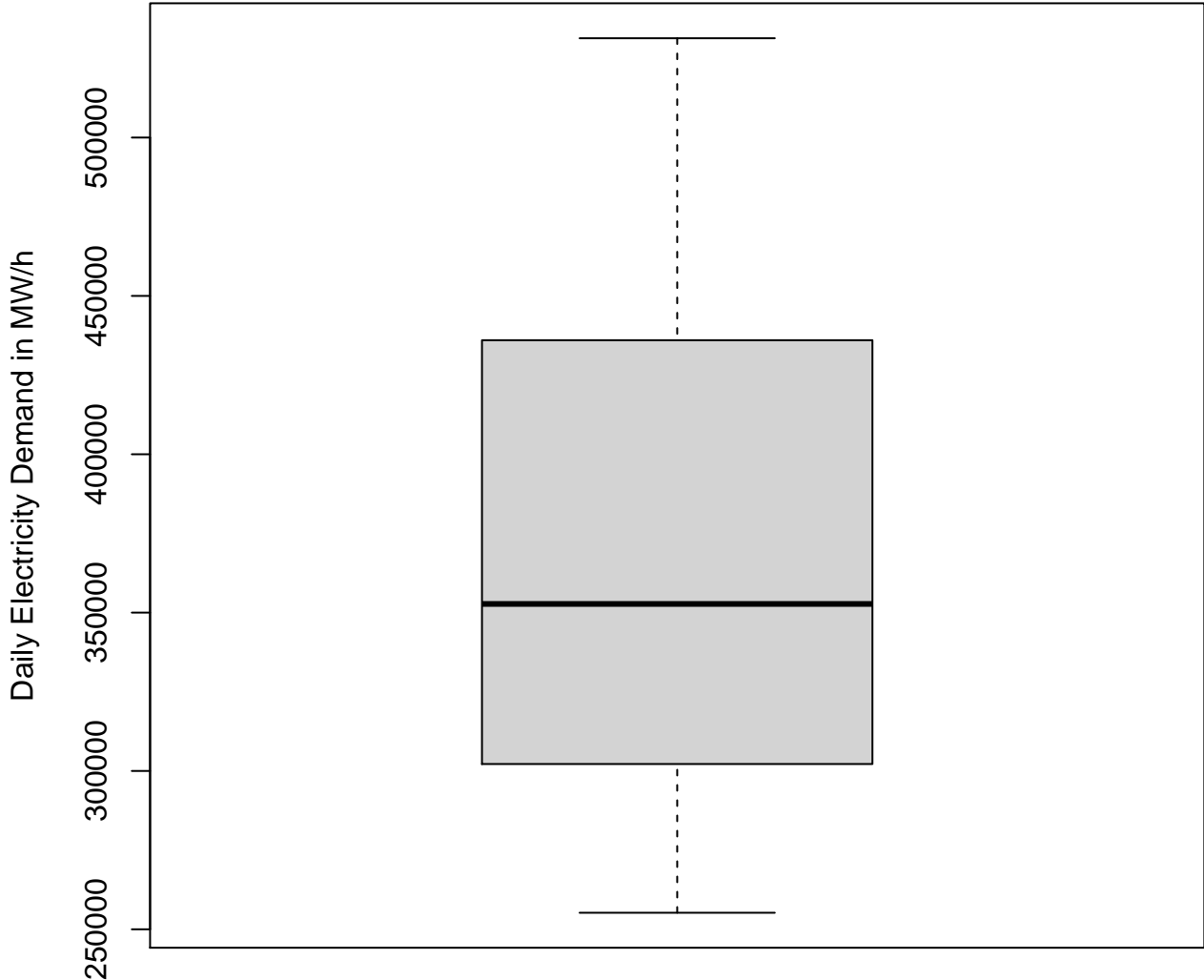
Outlier Analysis Somme 2013



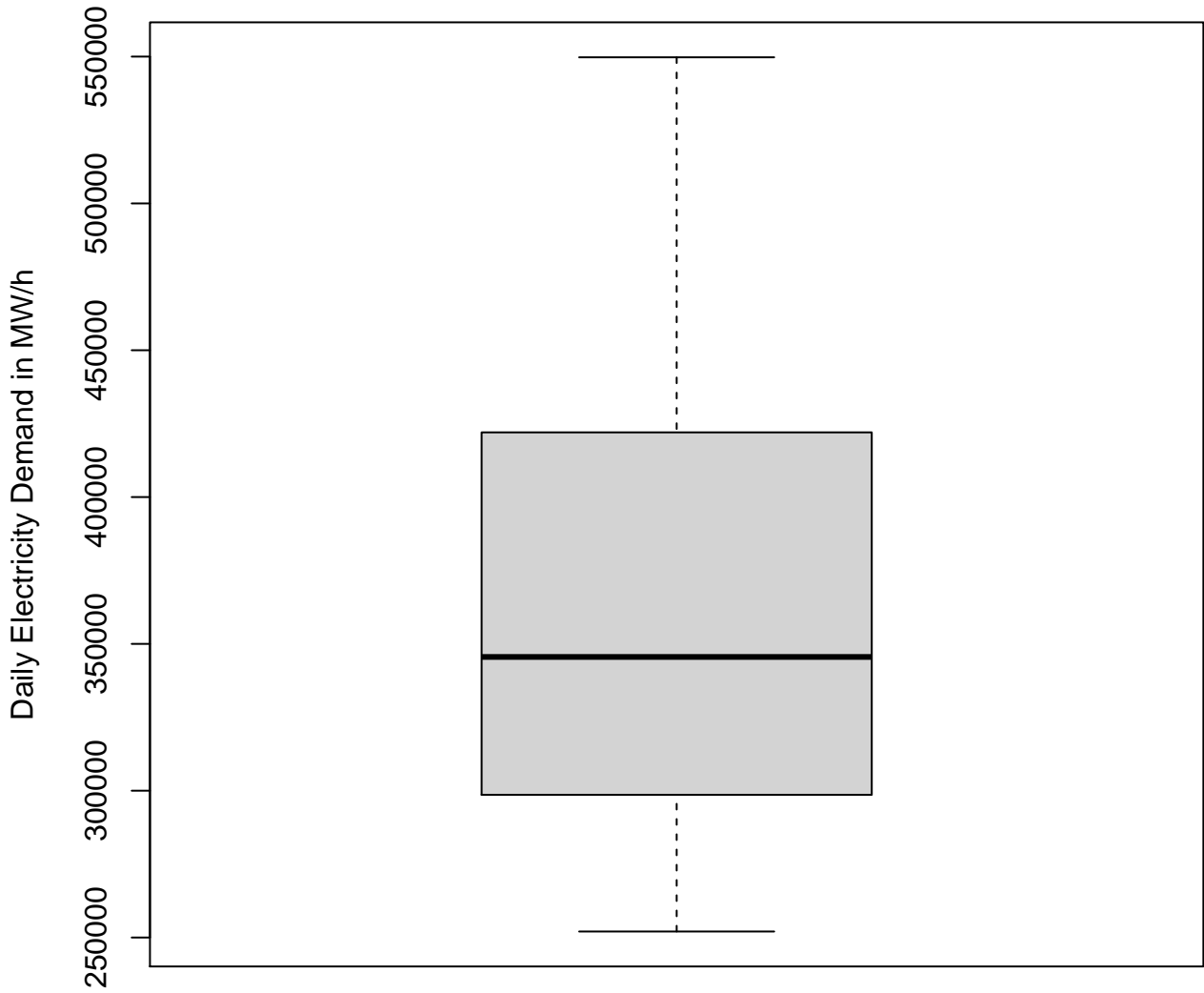
Outlier Analysis Somme 2014



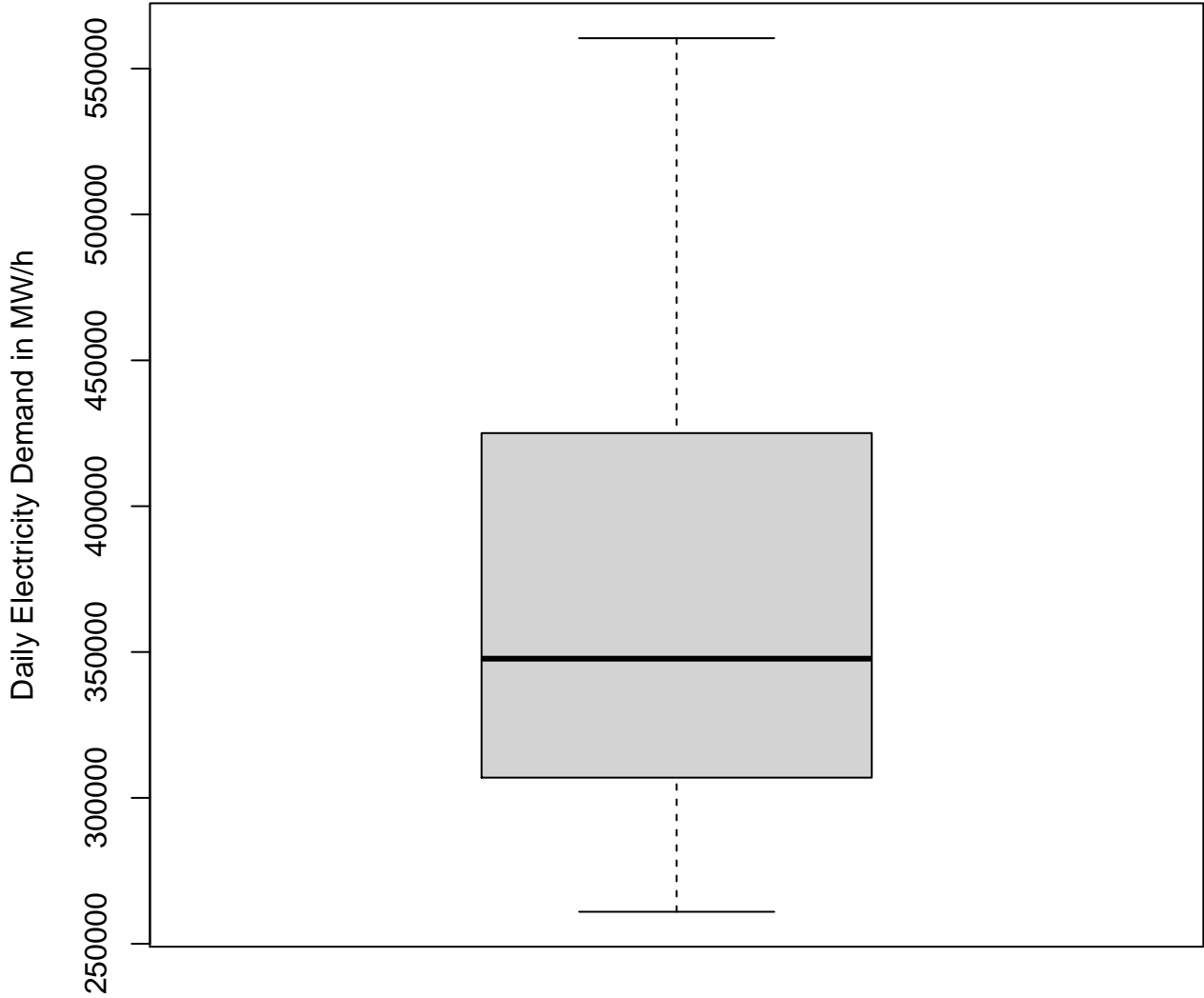
Outlier Analysis Somme 2015



Outlier Analysis Somme 2016



Outlier Analysis Somme 2017



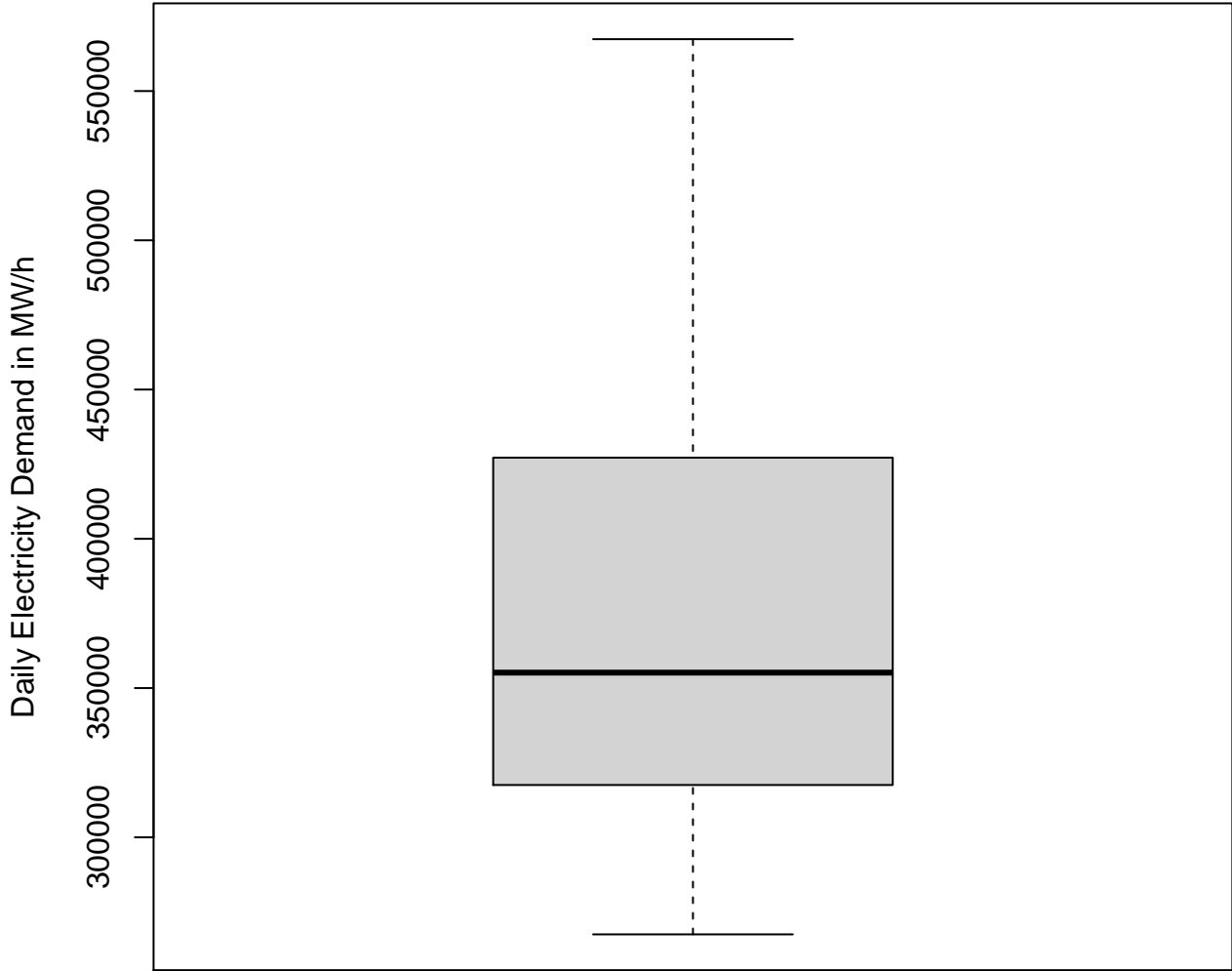
Outlier Analysis Somme 2018



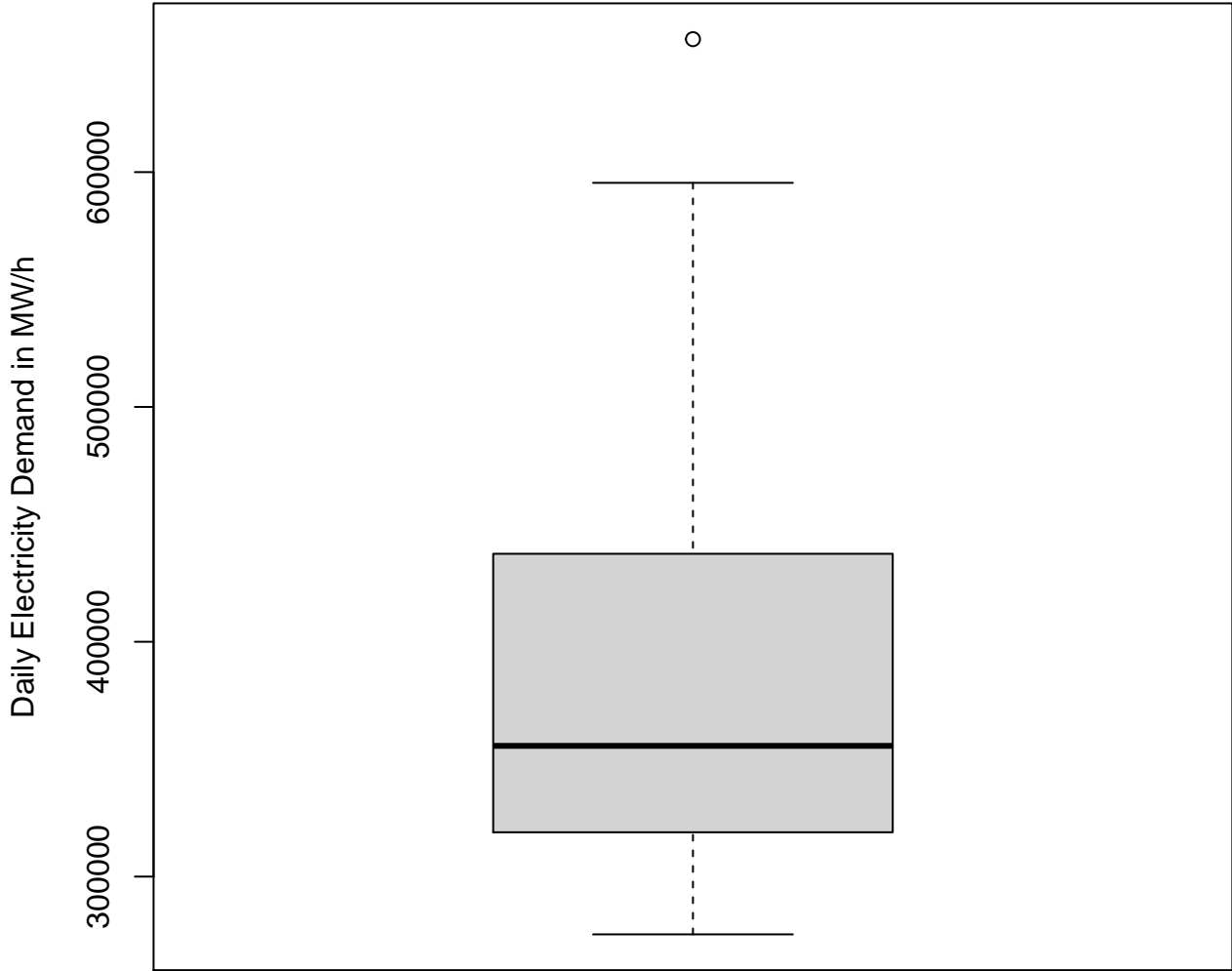
Outlier Analysis Somme 2019



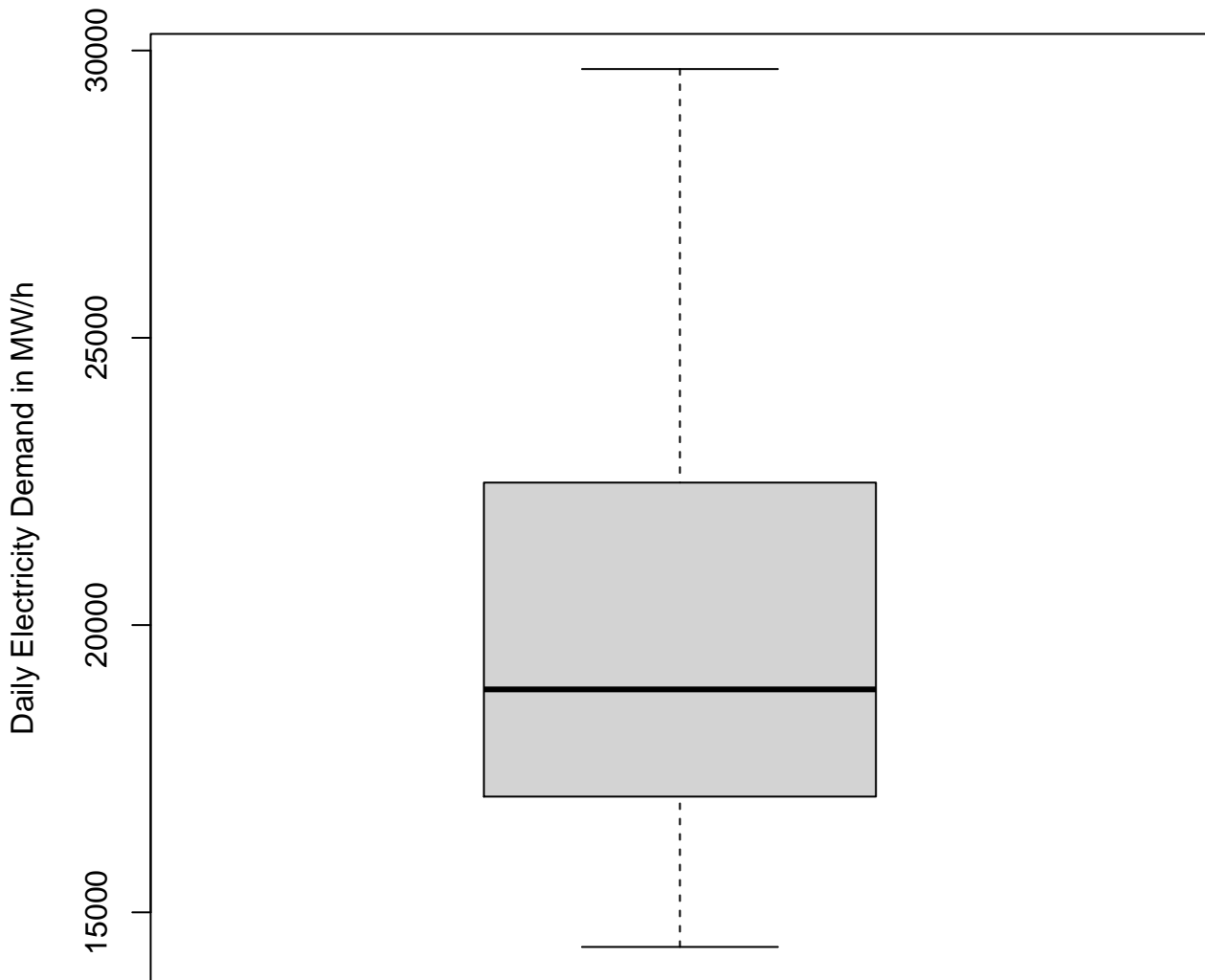
Outlier Analysis Somme 2020



Outlier Analysis Somme 2021



Outlier Analysis North 2012



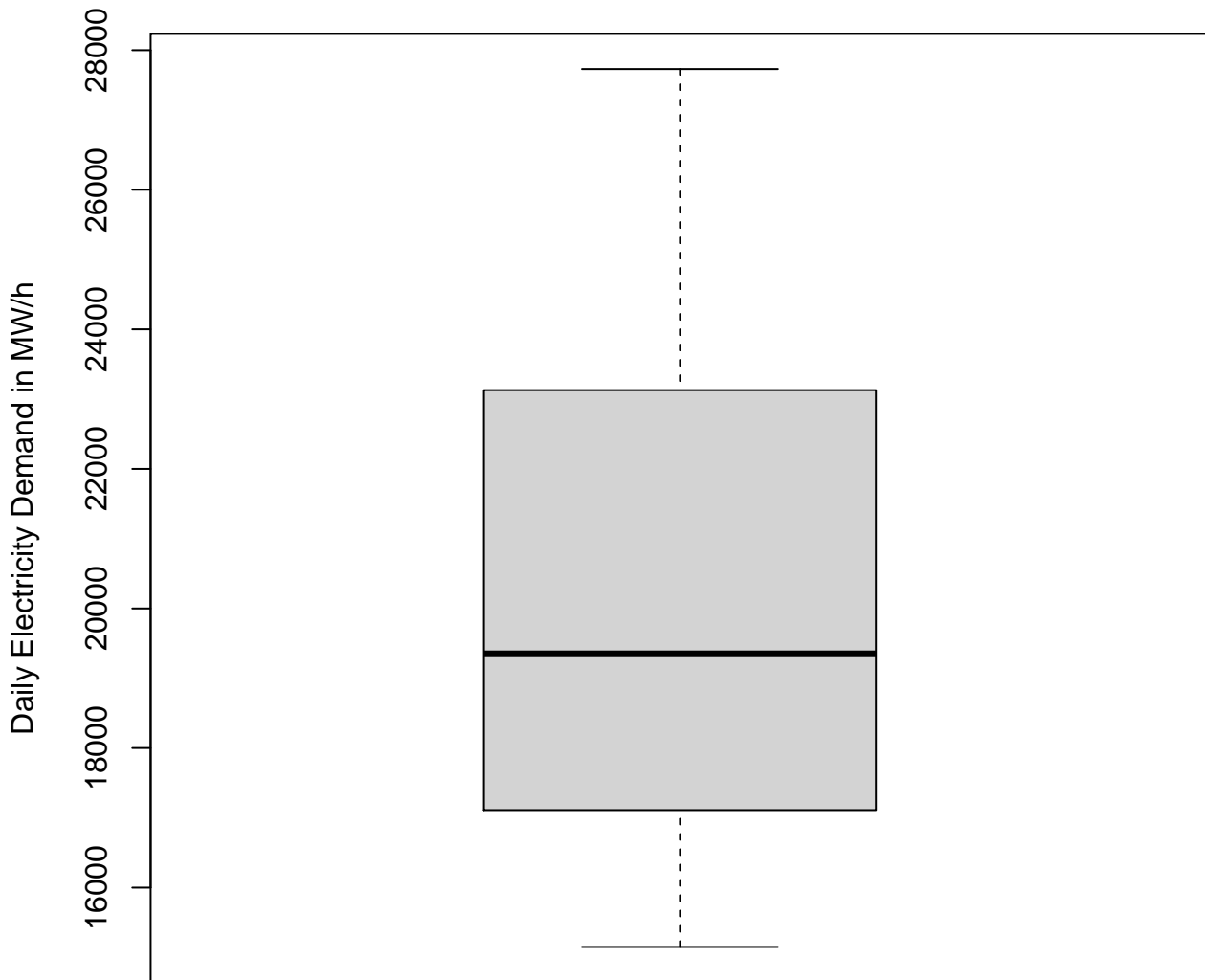
Outlier Analysis North 2013



Outlier Analysis North 2014



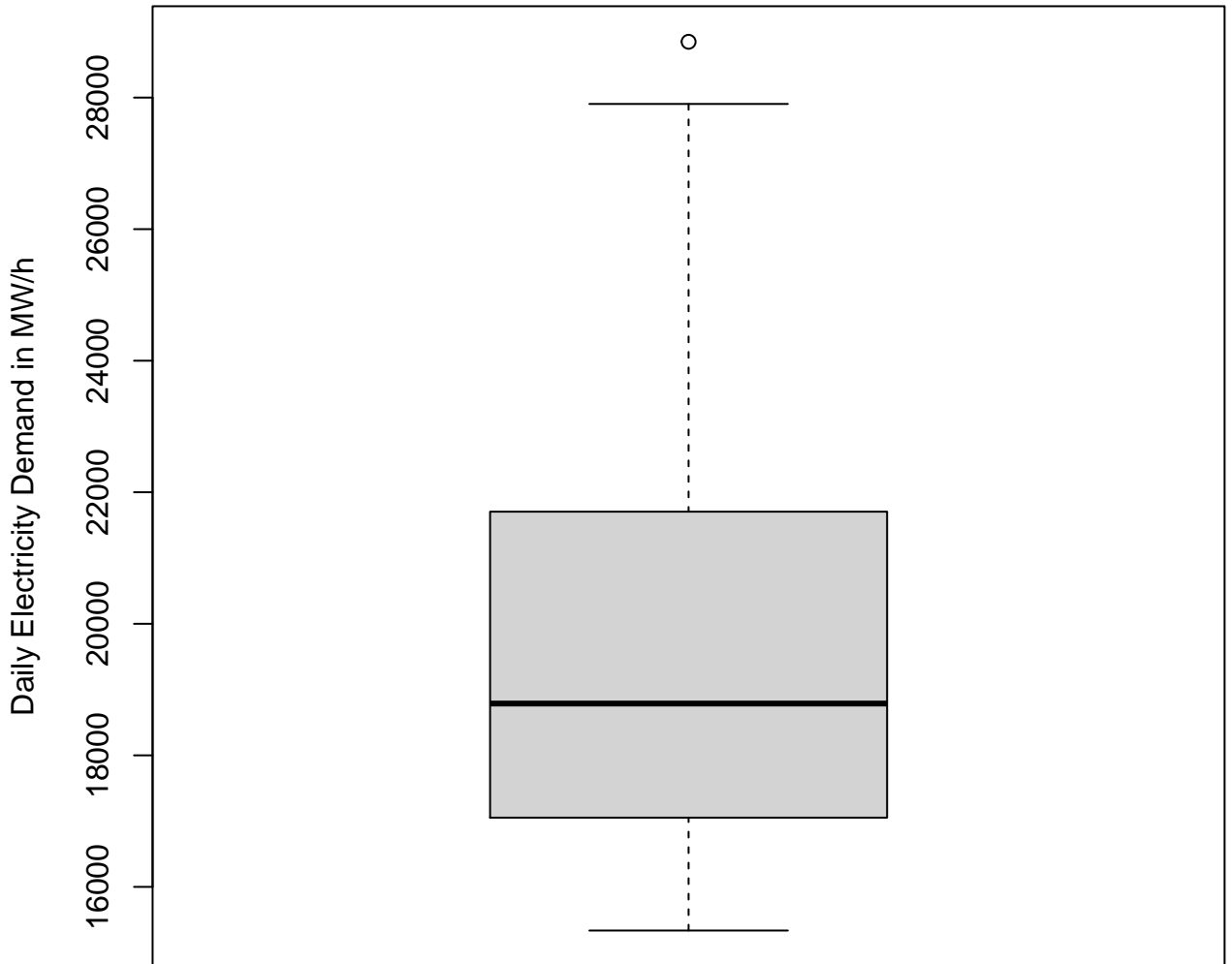
Outlier Analysis North 2015



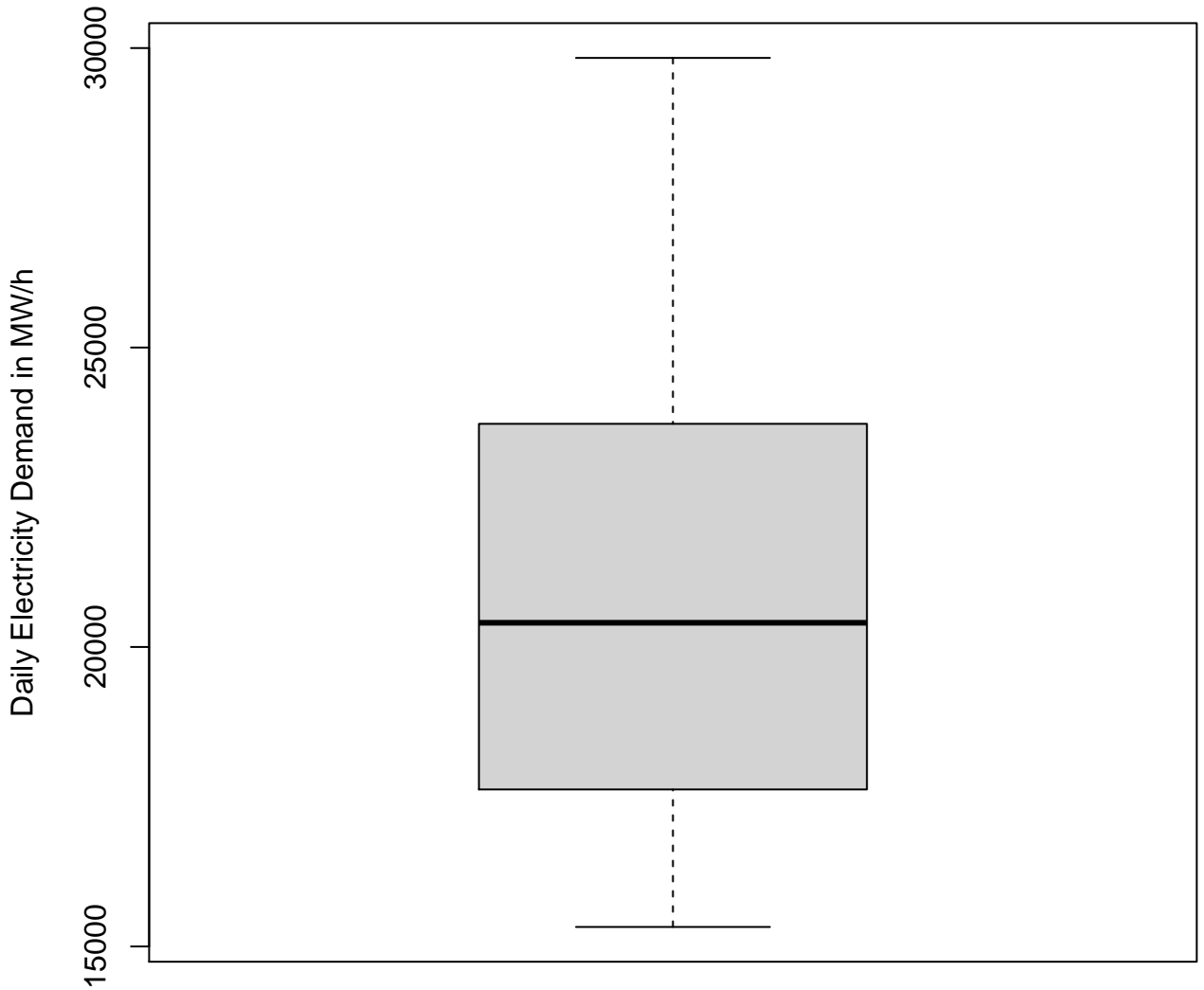
Outlier Analysis North 2016



Outlier Analysis North 2017



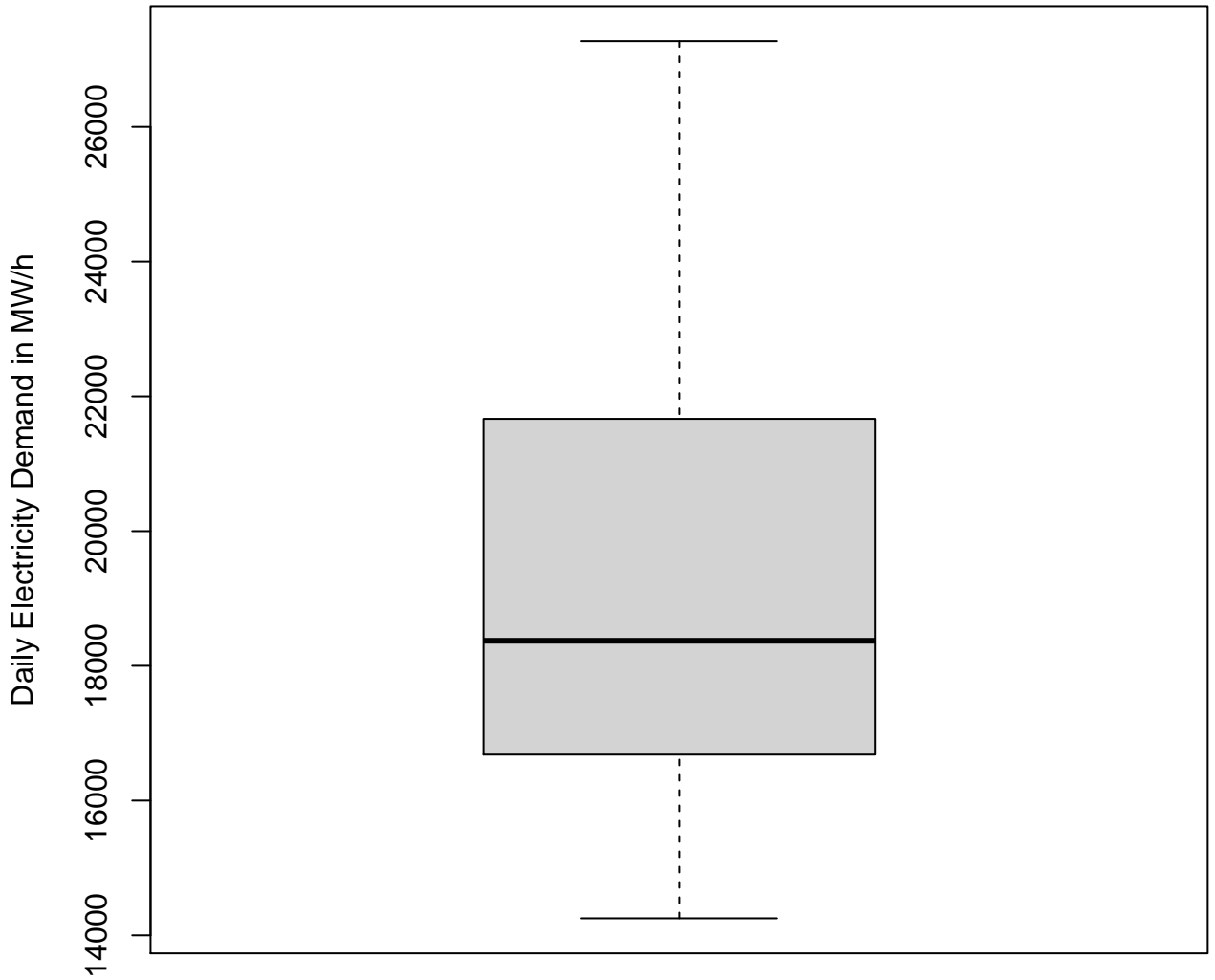
Outlier Analysis North 2018



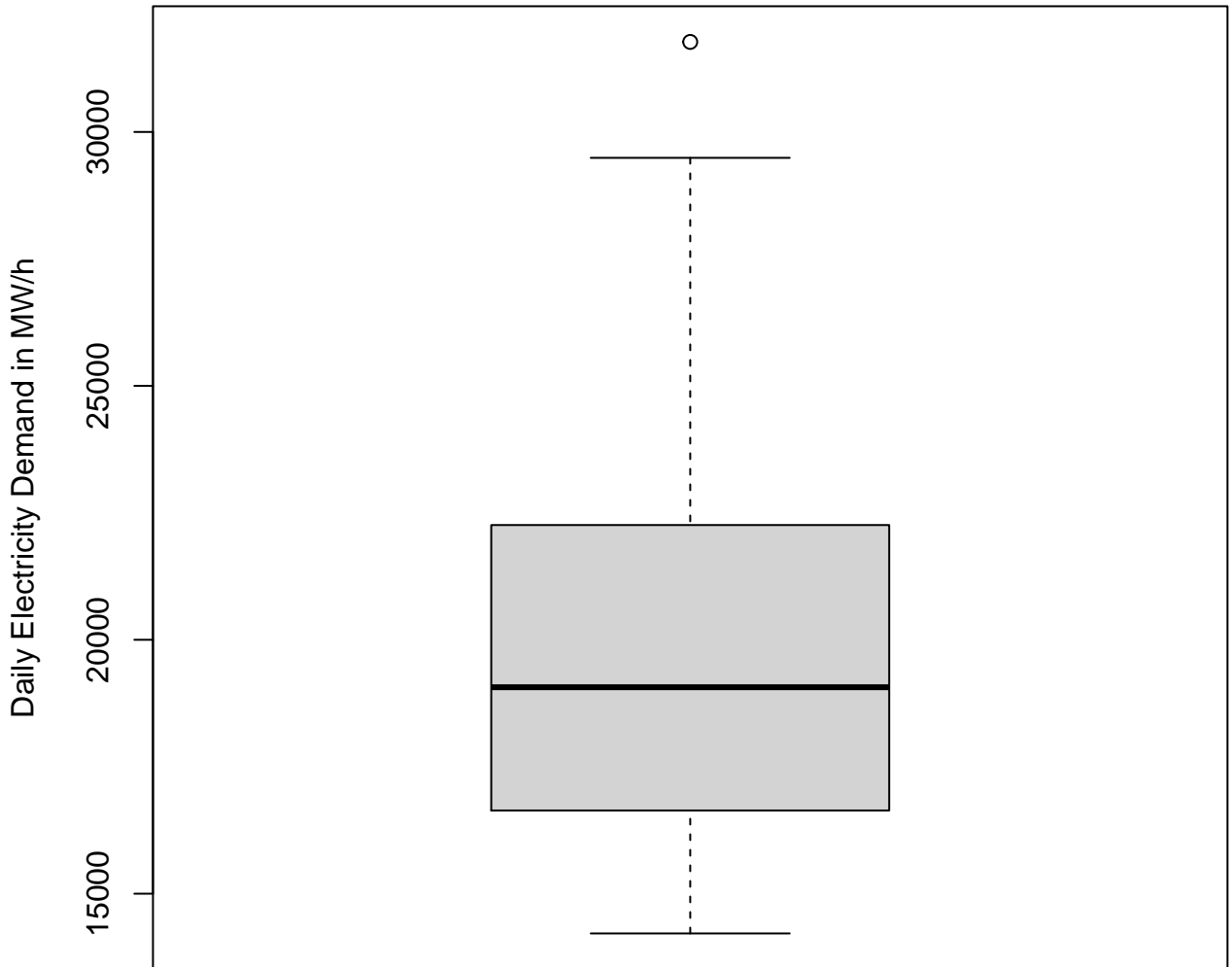
Outlier Analysis North 2019



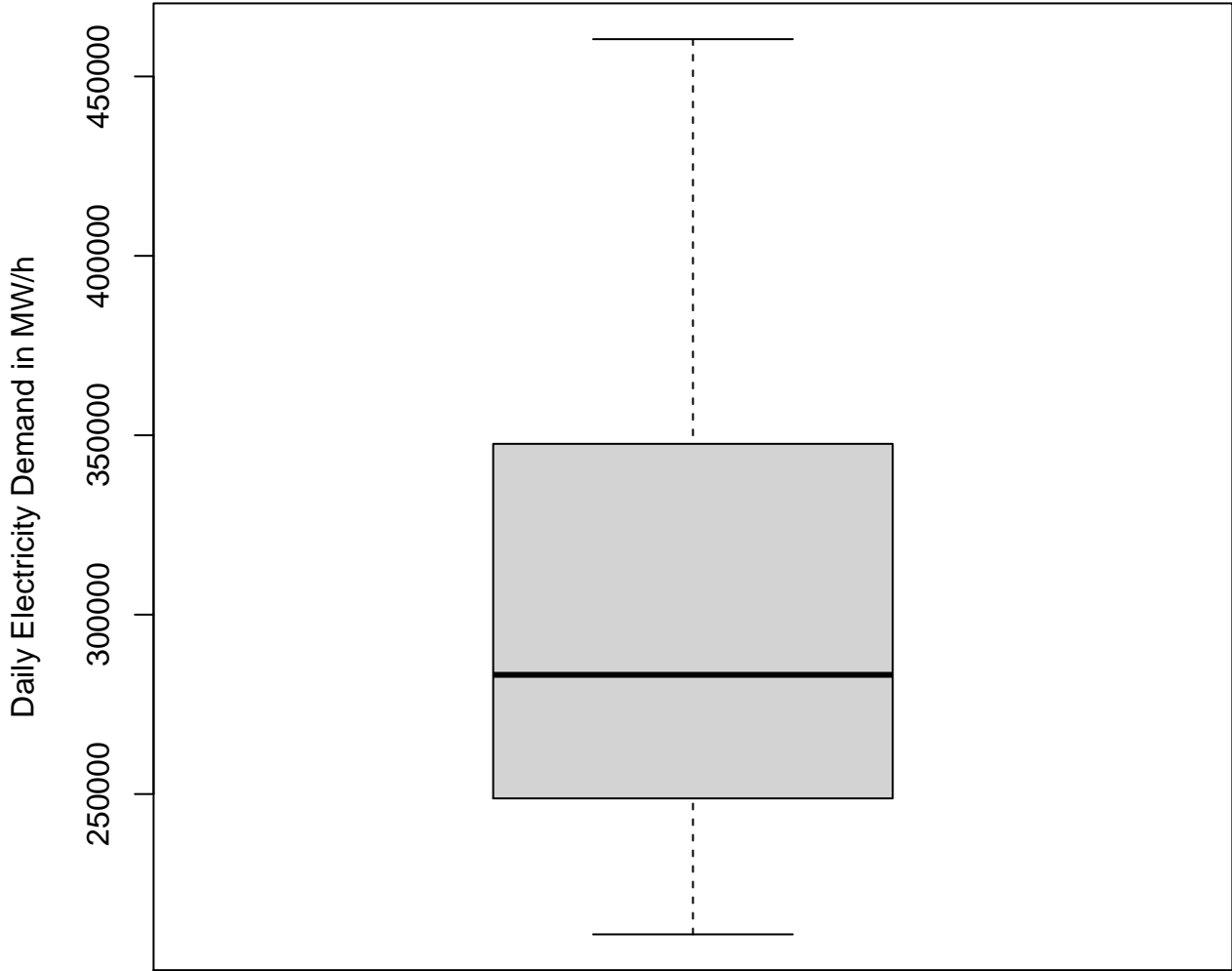
Outlier Analysis North 2020



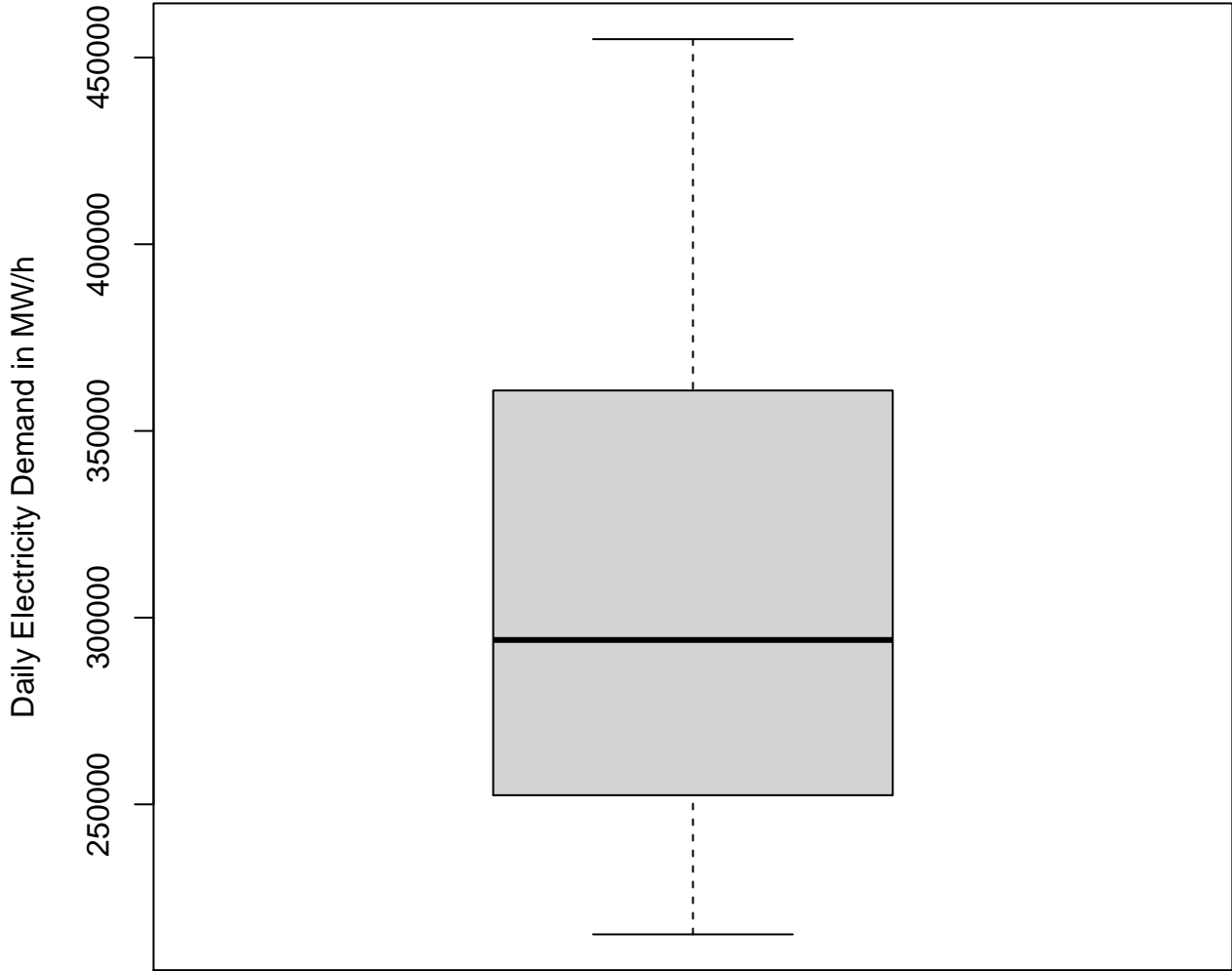
Outlier Analysis North 2021



Outlier Analysis North Central 2012



Outlier Analysis North Central 2013



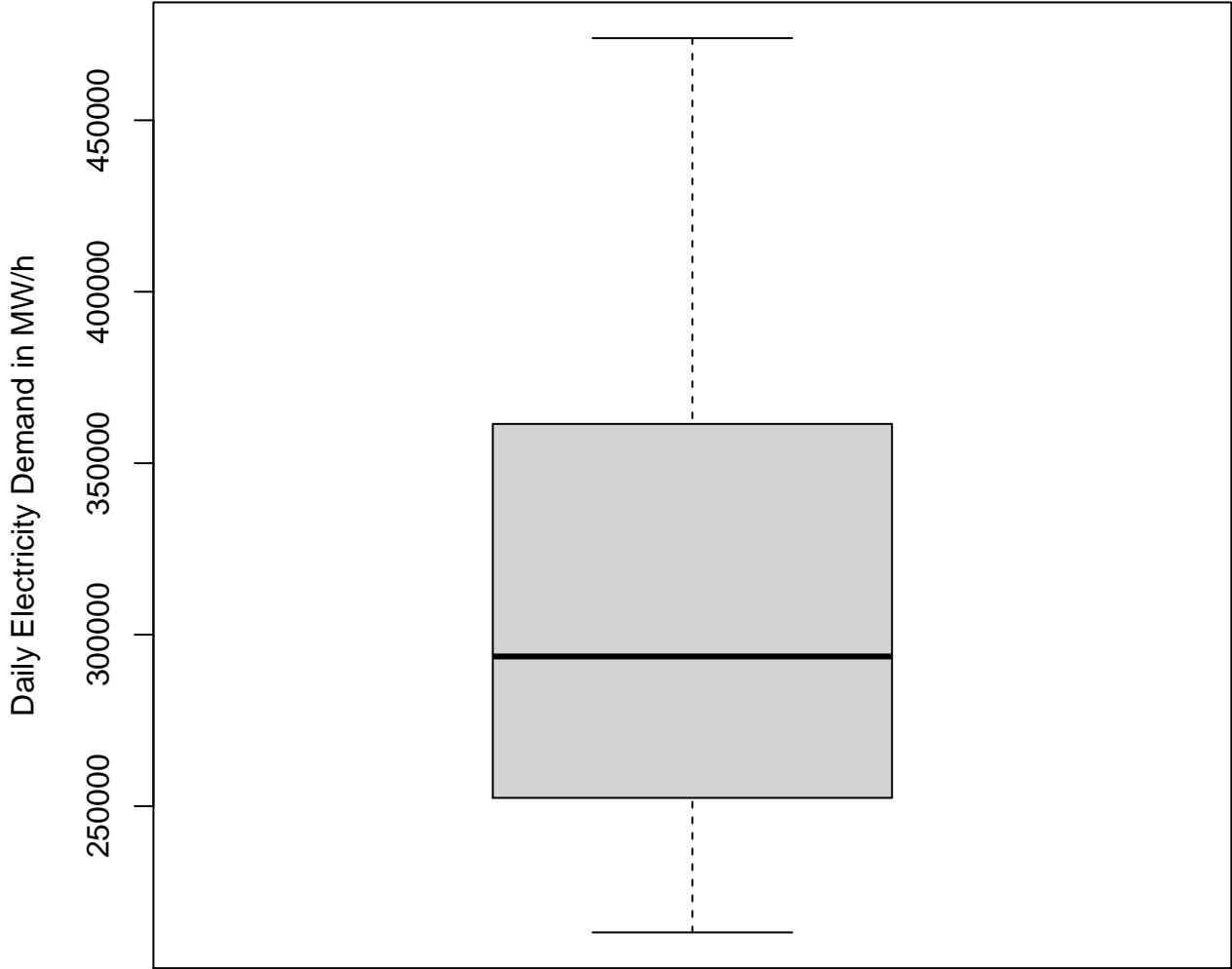
Outlier Analysis North Central 2014



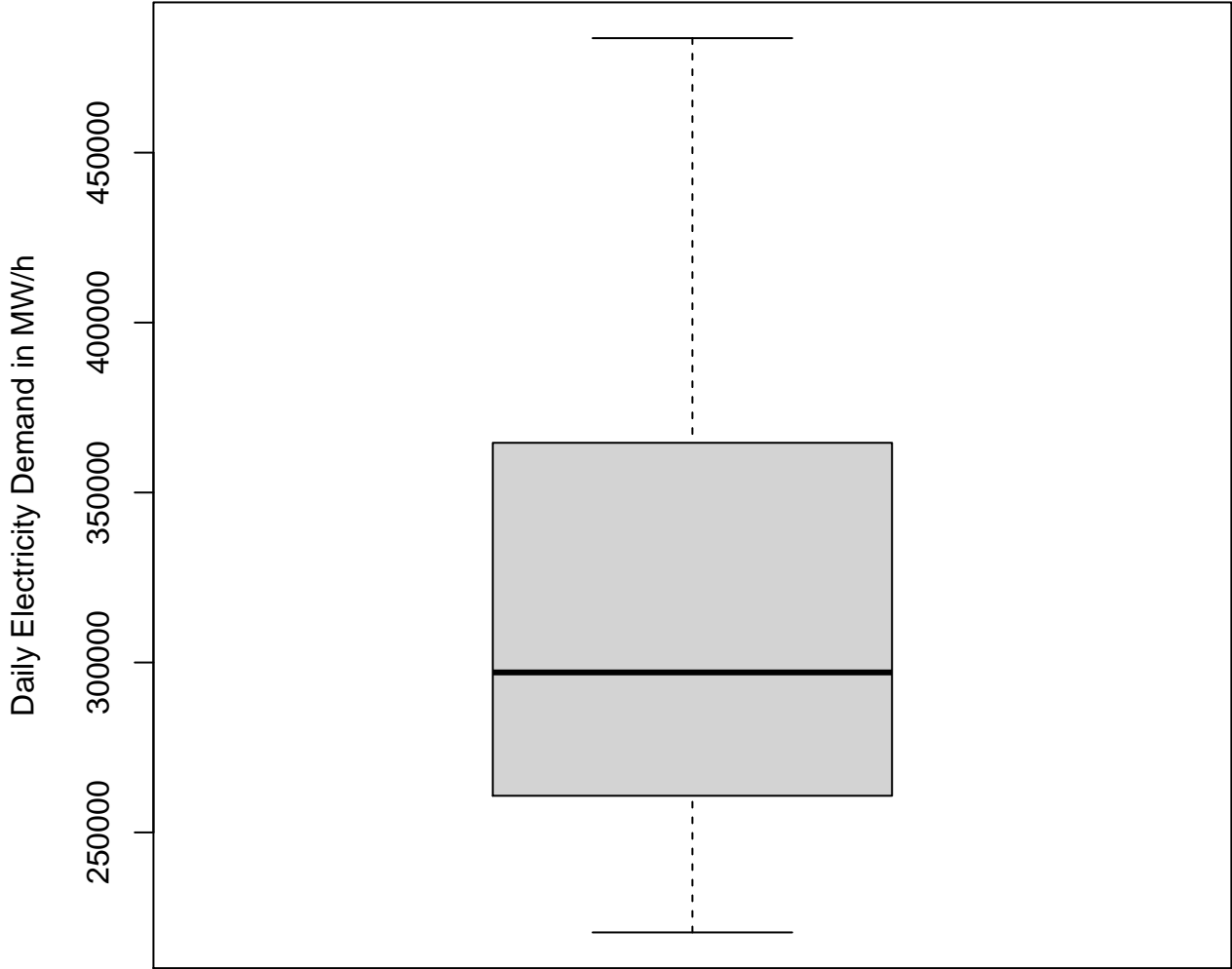
Outlier Analysis North Central 2015



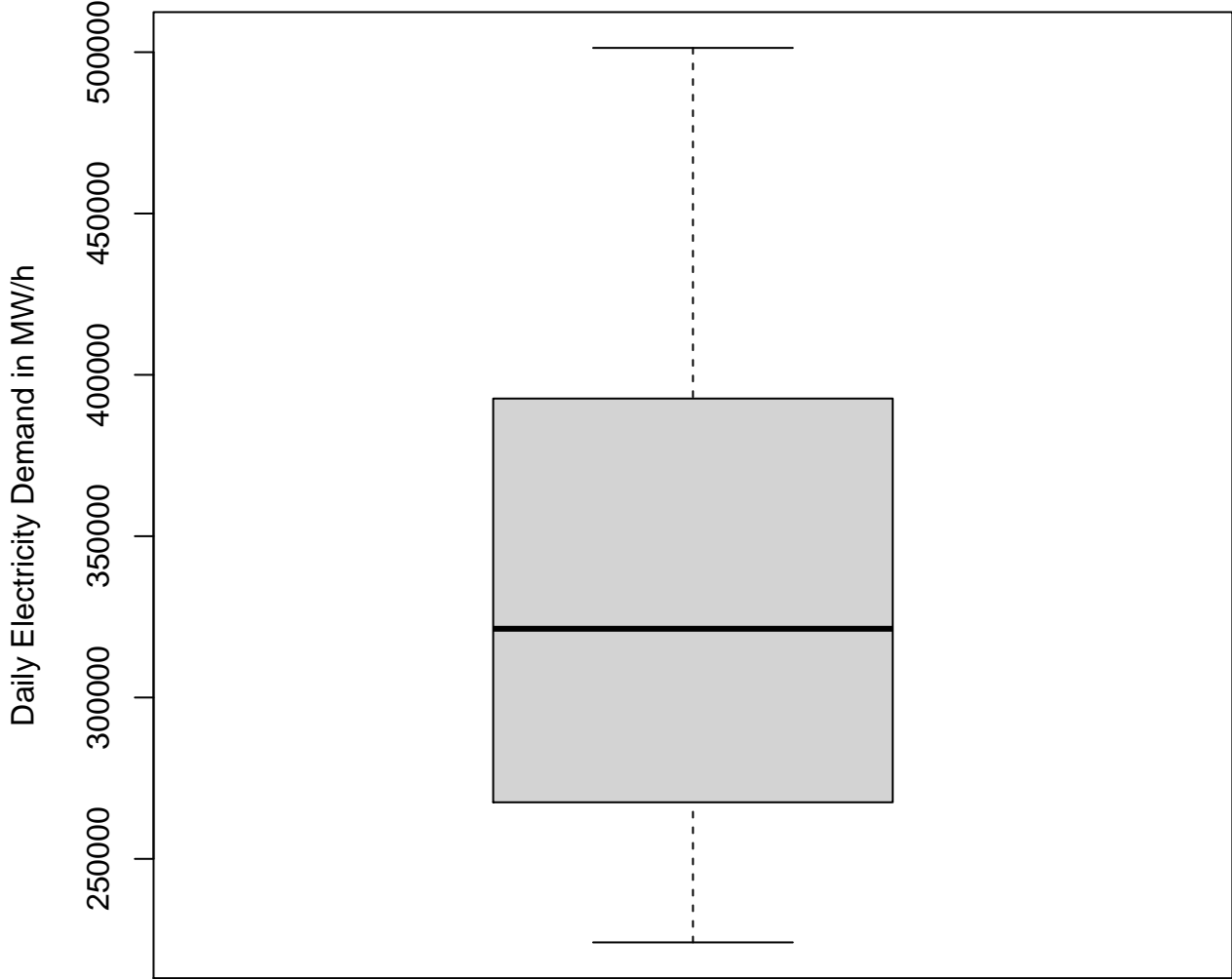
Outlier Analysis North Central 2016



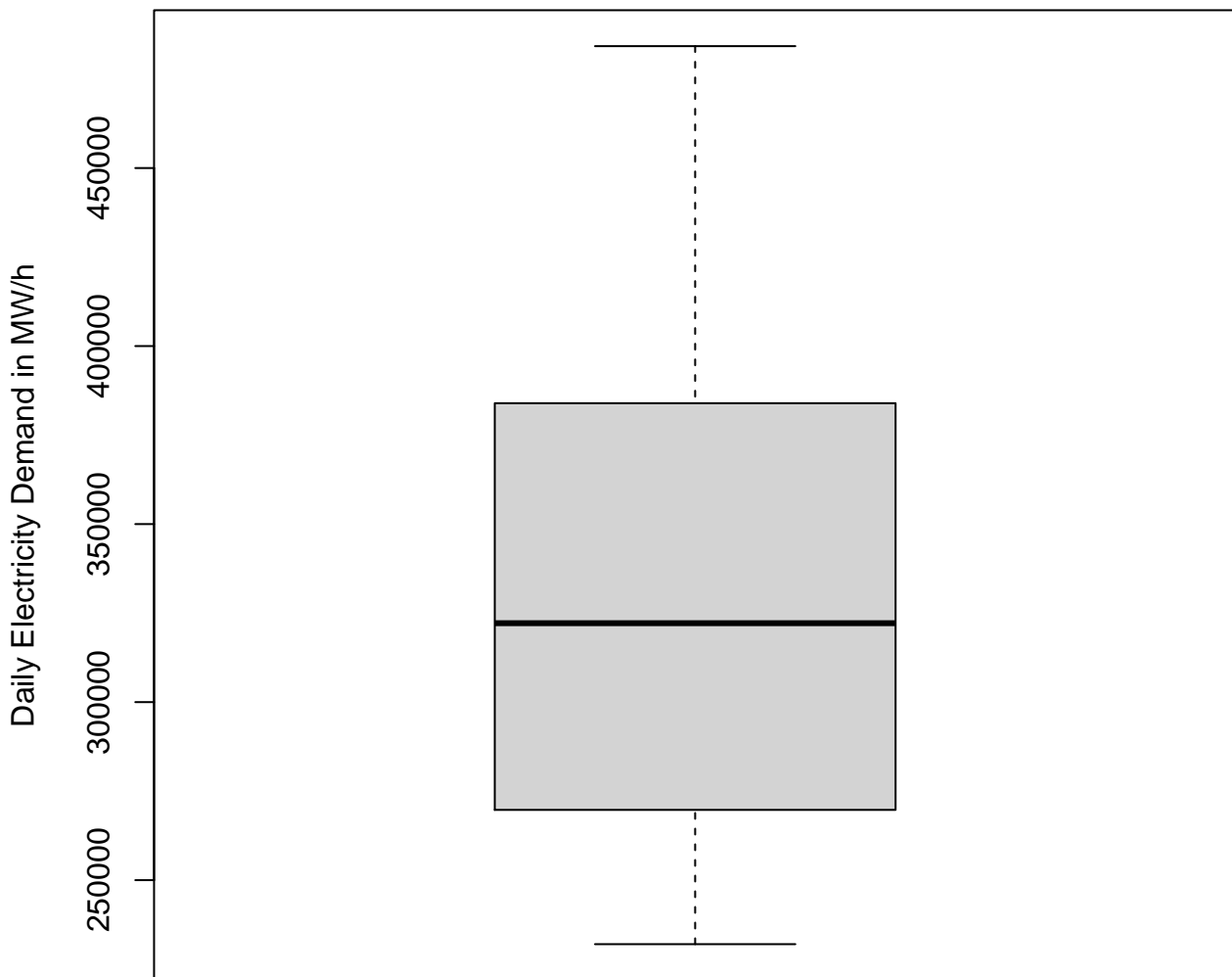
Outlier Analysis North Central 2017



Outlier Analysis North Central 2018



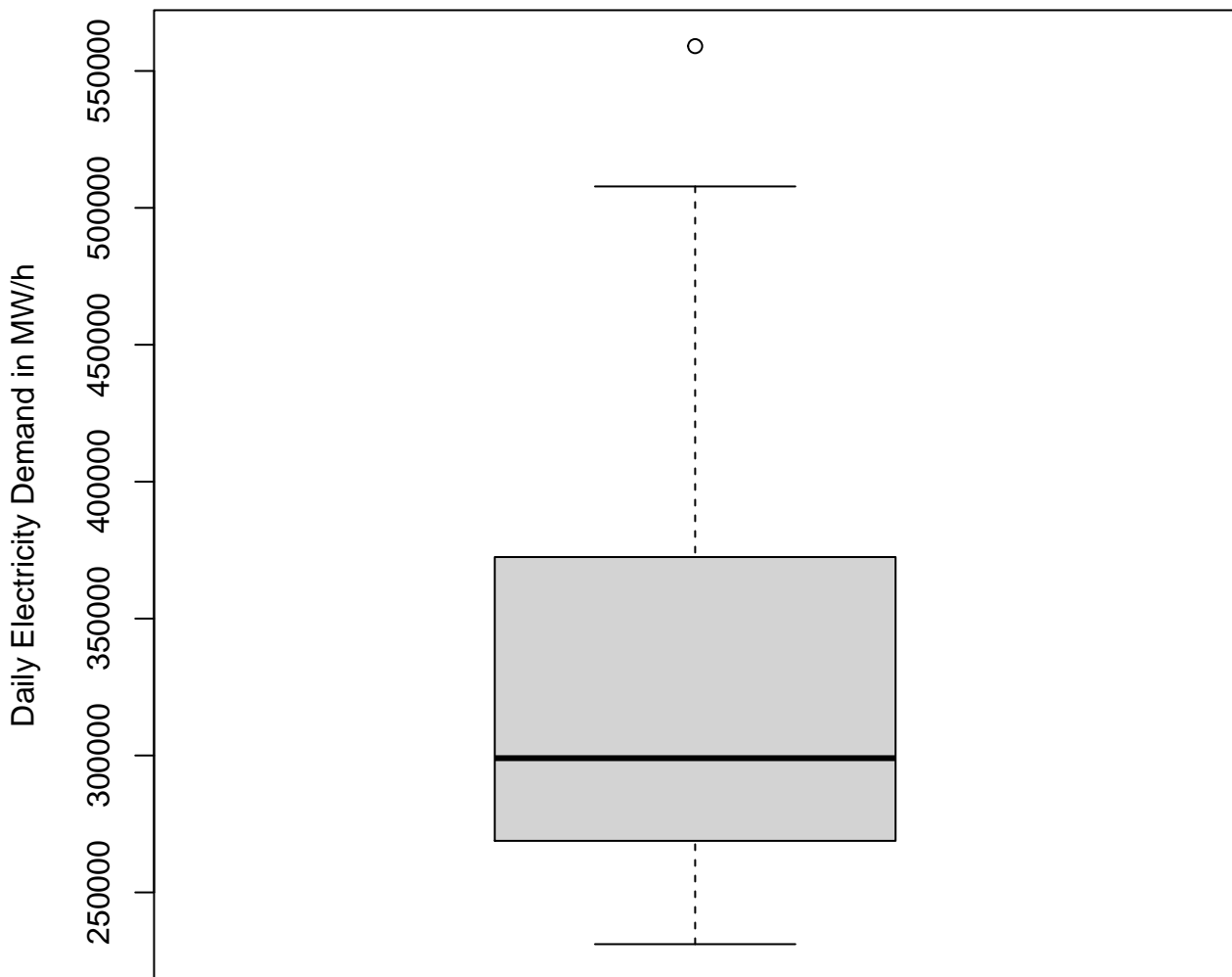
Outlier Analysis North Central 2019



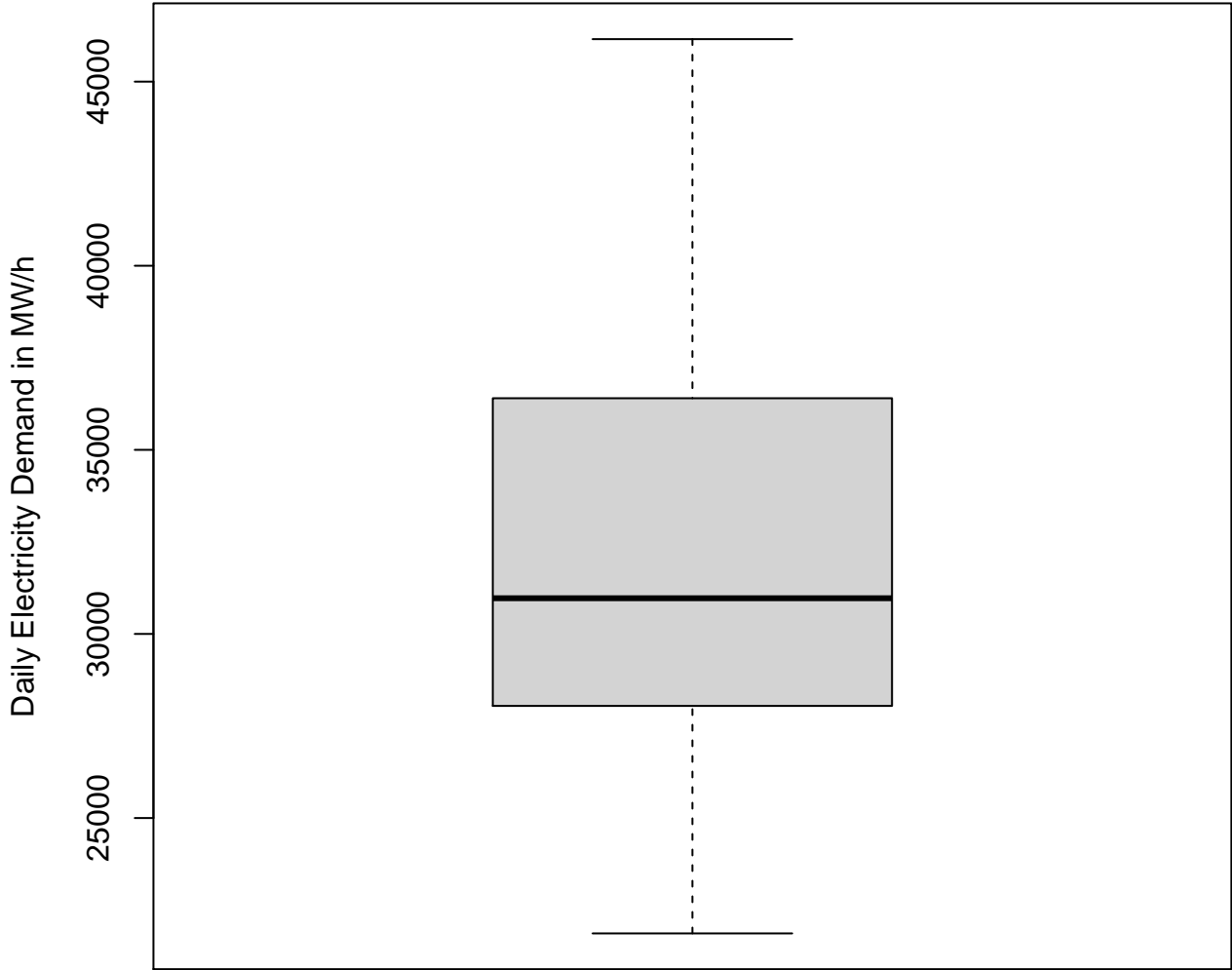
Outlier Analysis North Central 2020



Outlier Analysis North Central 2021



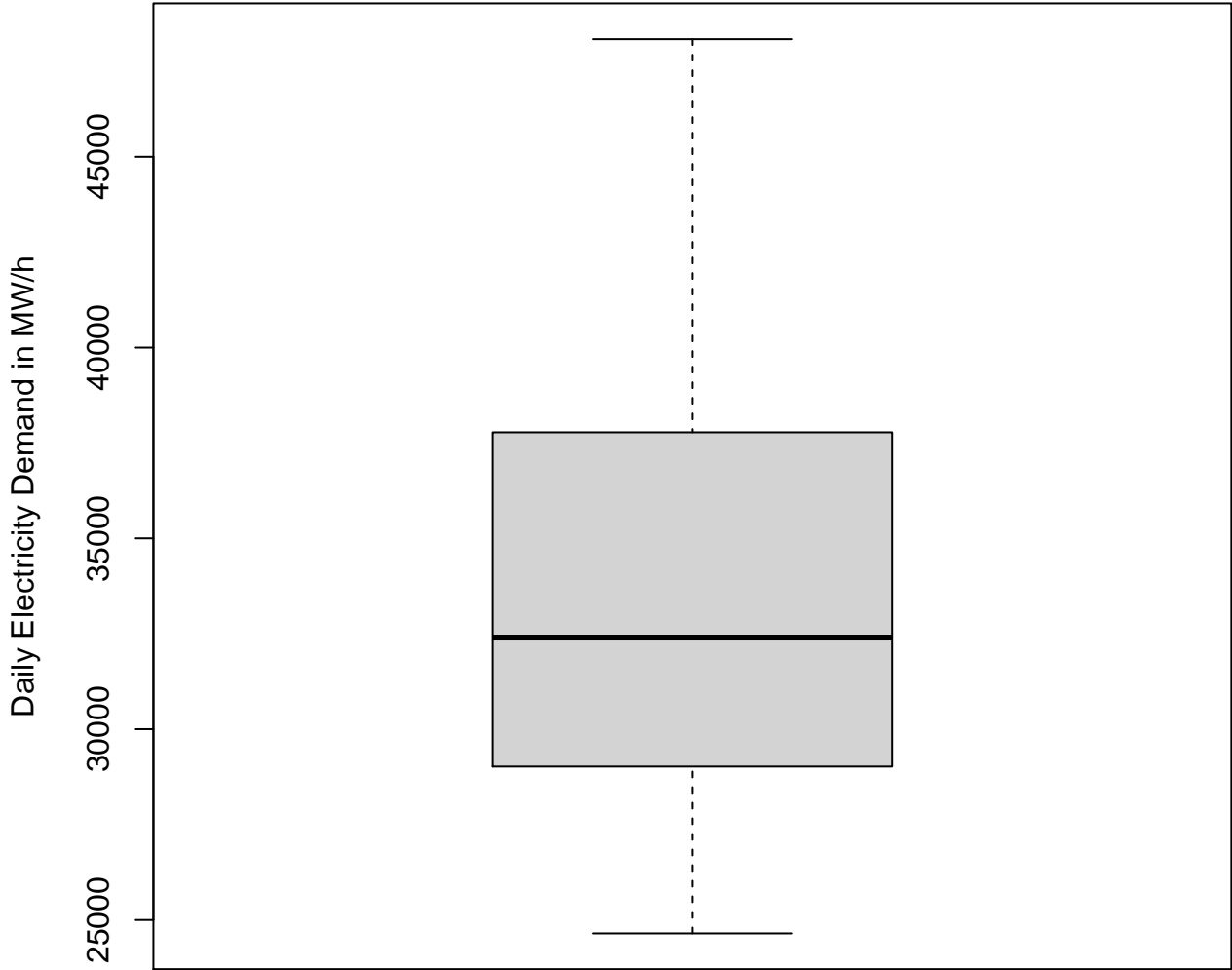
Outlier Analysis East 2012



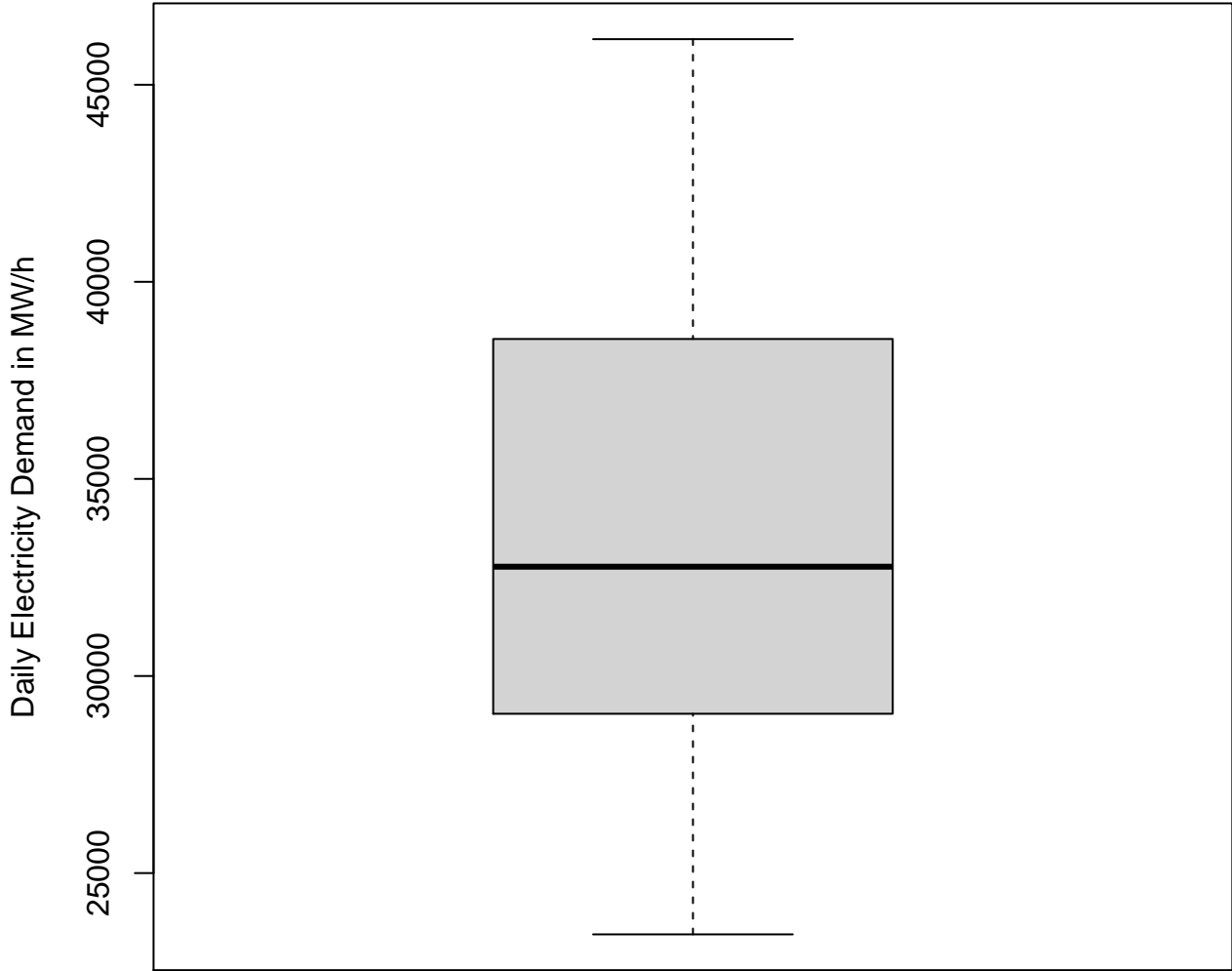
Outlier Analysis East 2013



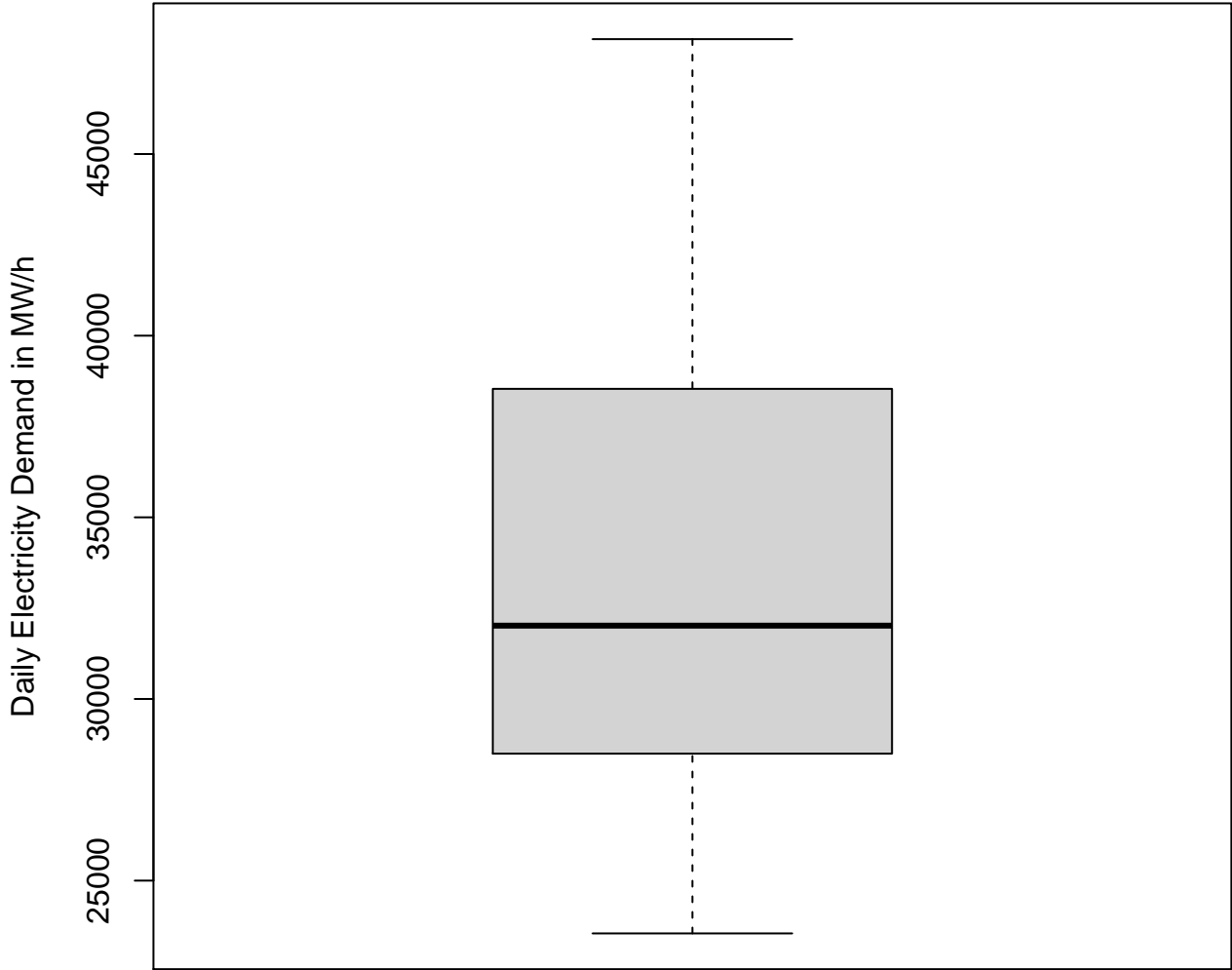
Outlier Analysis East 2014



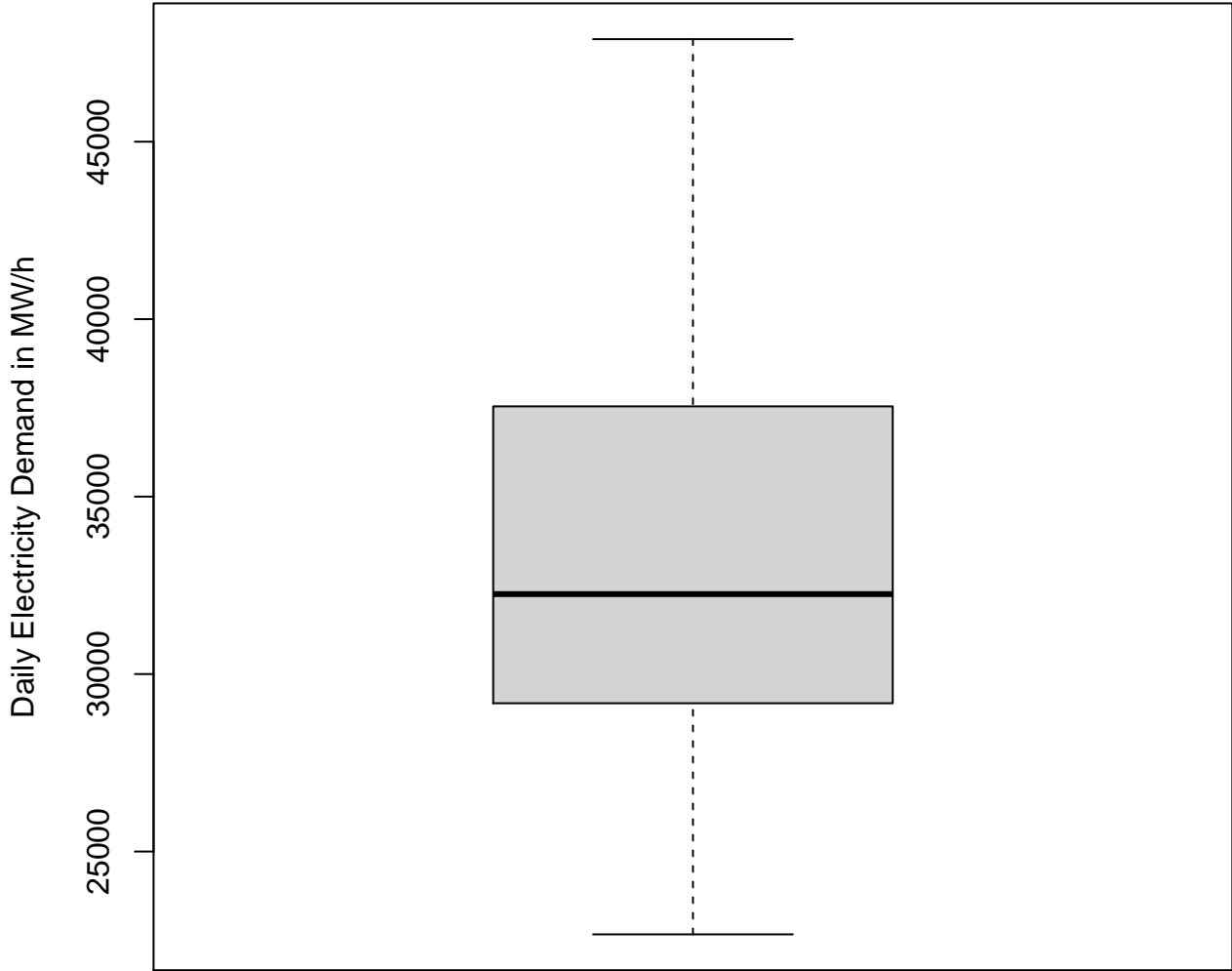
Outlier Analysis East 2015



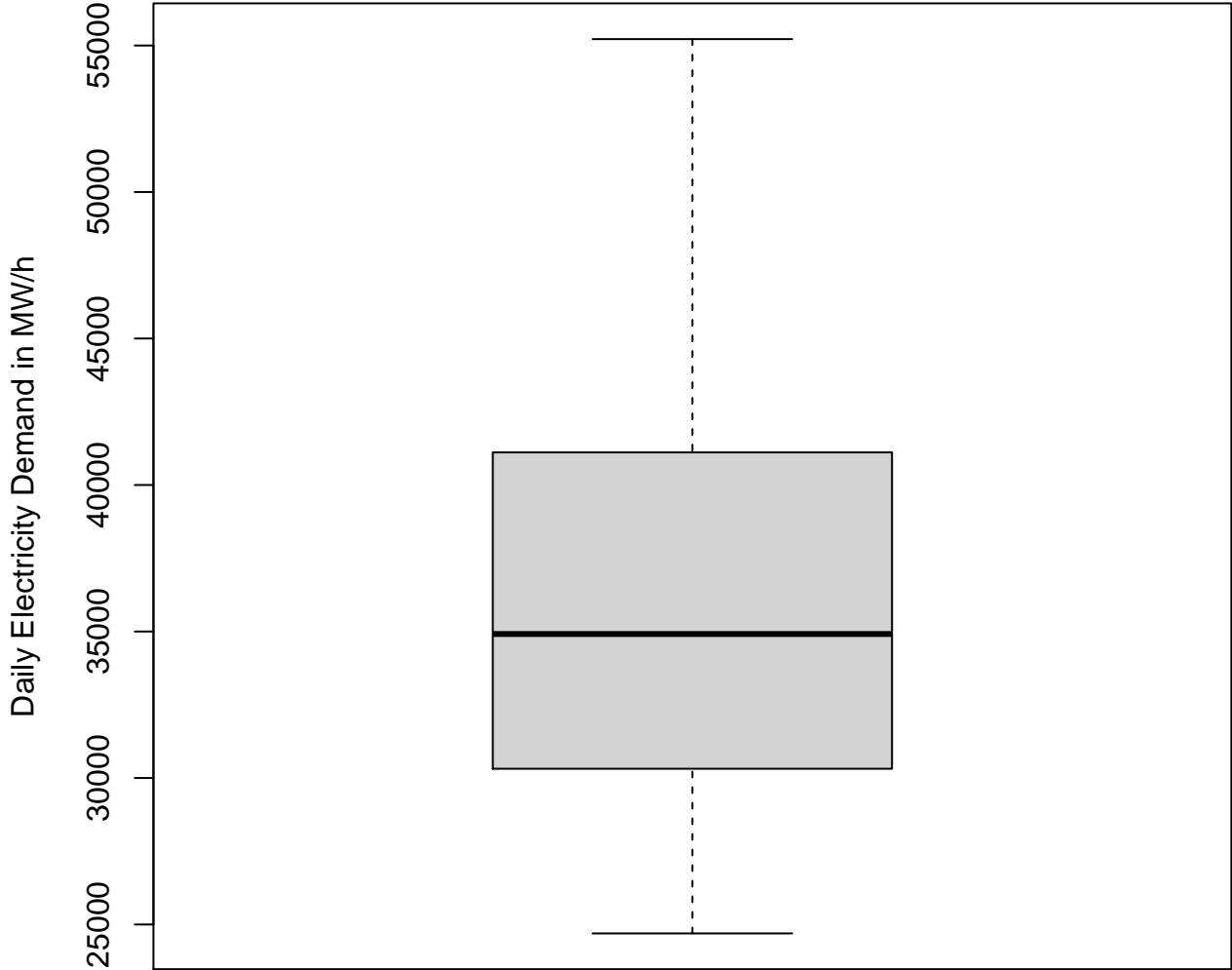
Outlier Analysis East 2016



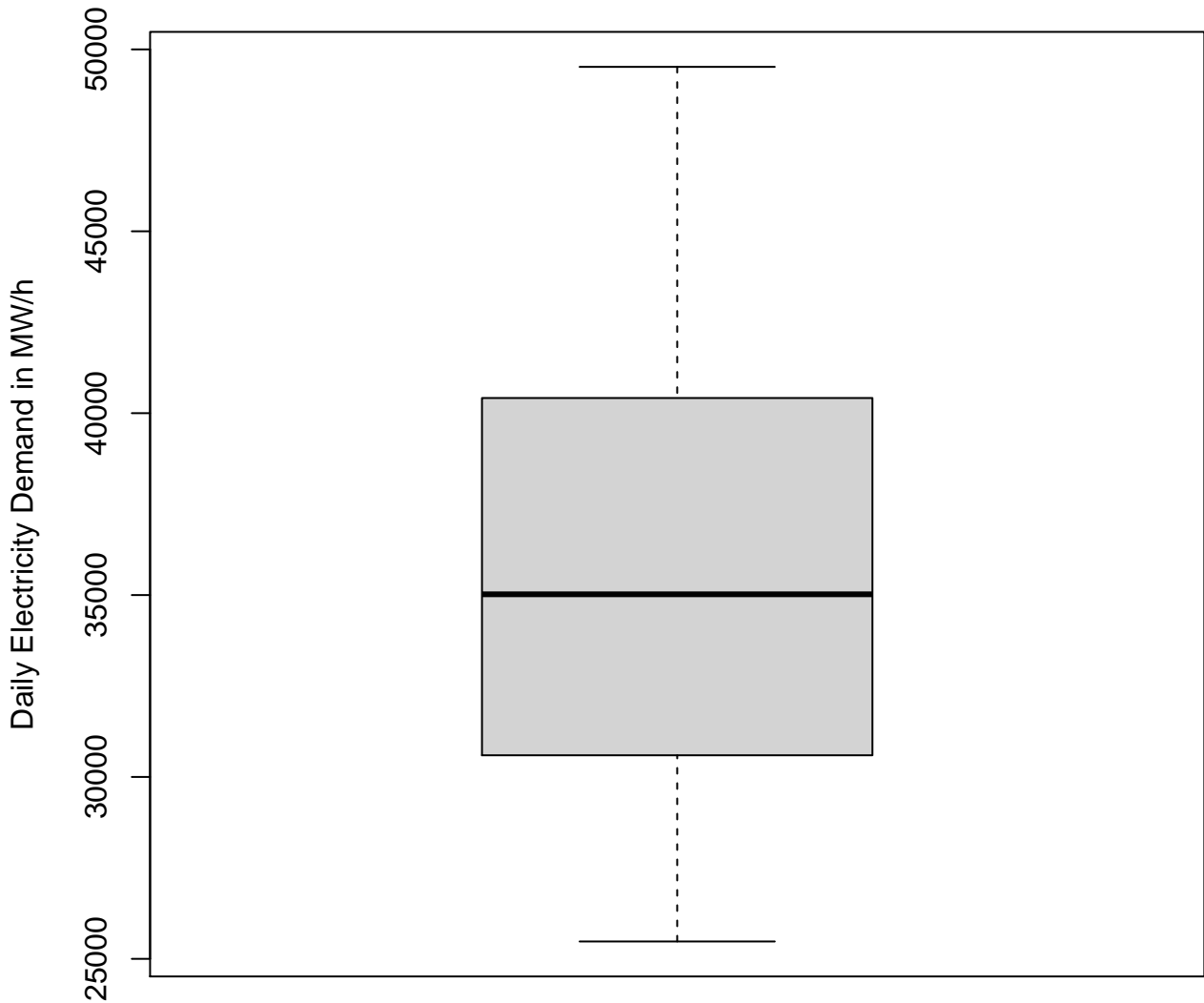
Outlier Analysis East 2017



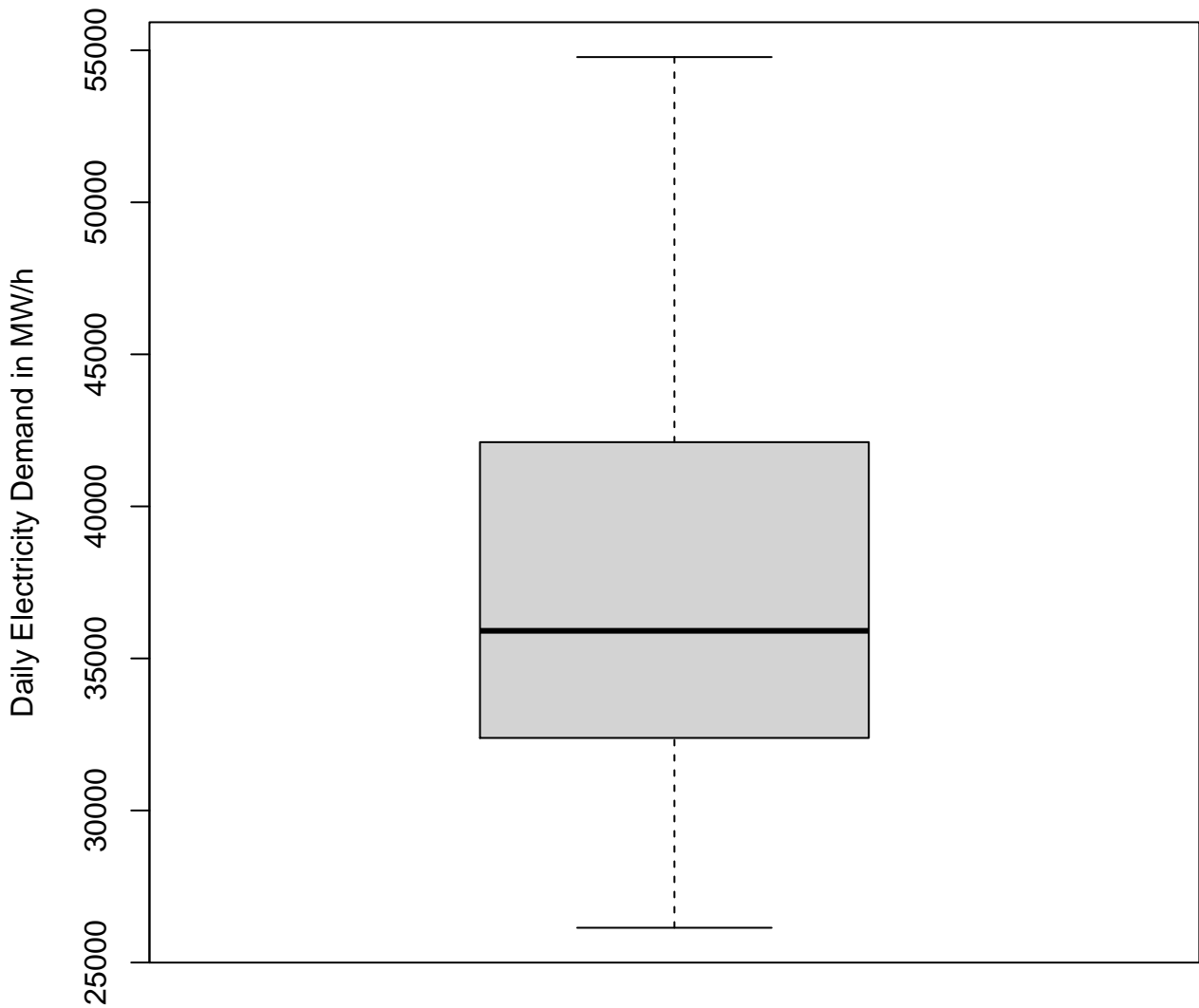
Outlier Analysis East 2018



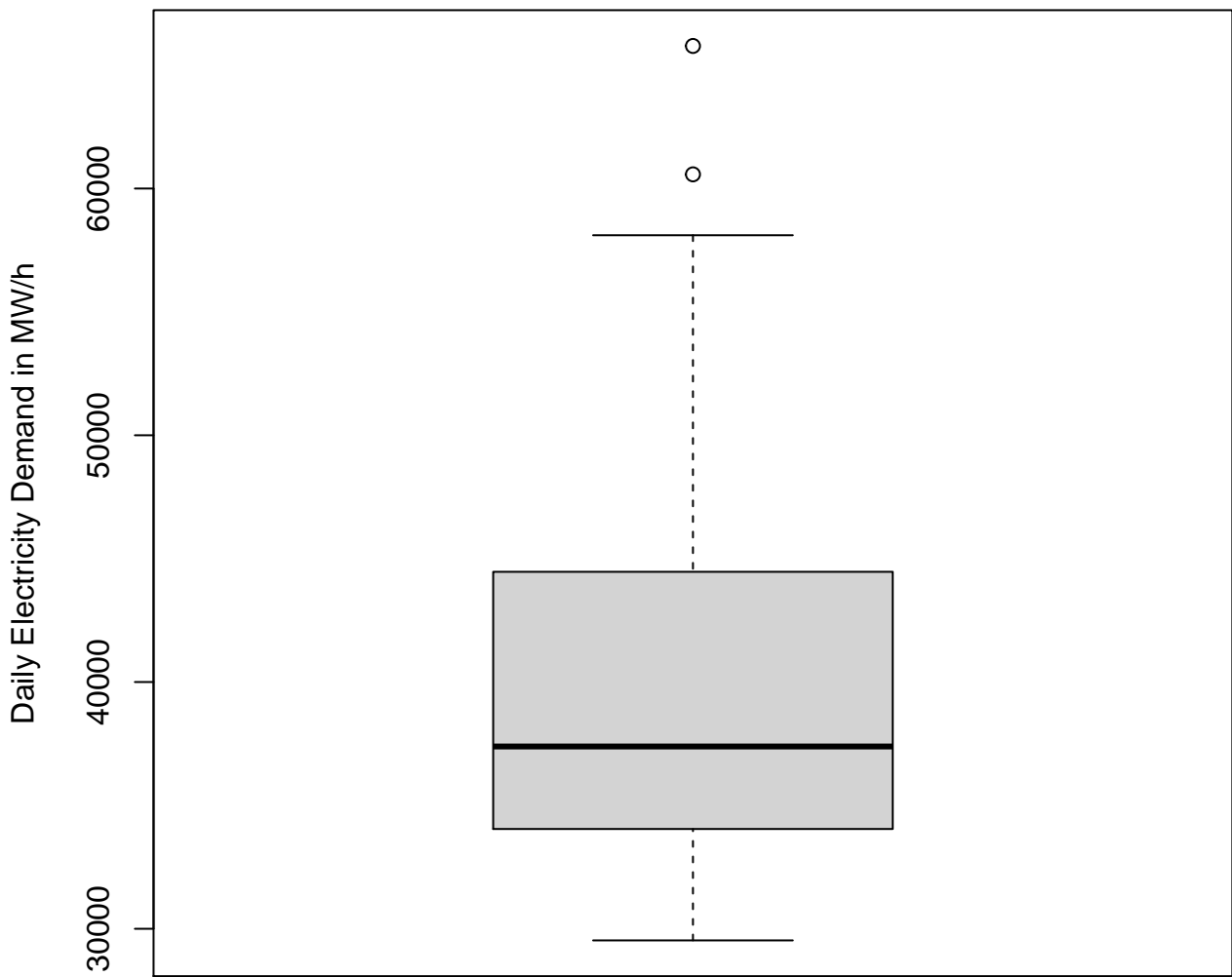
Outlier Analysis East 2019



Outlier Analysis East 2020



Outlier Analysis East 2021



Effet Jour Ferie SOMME



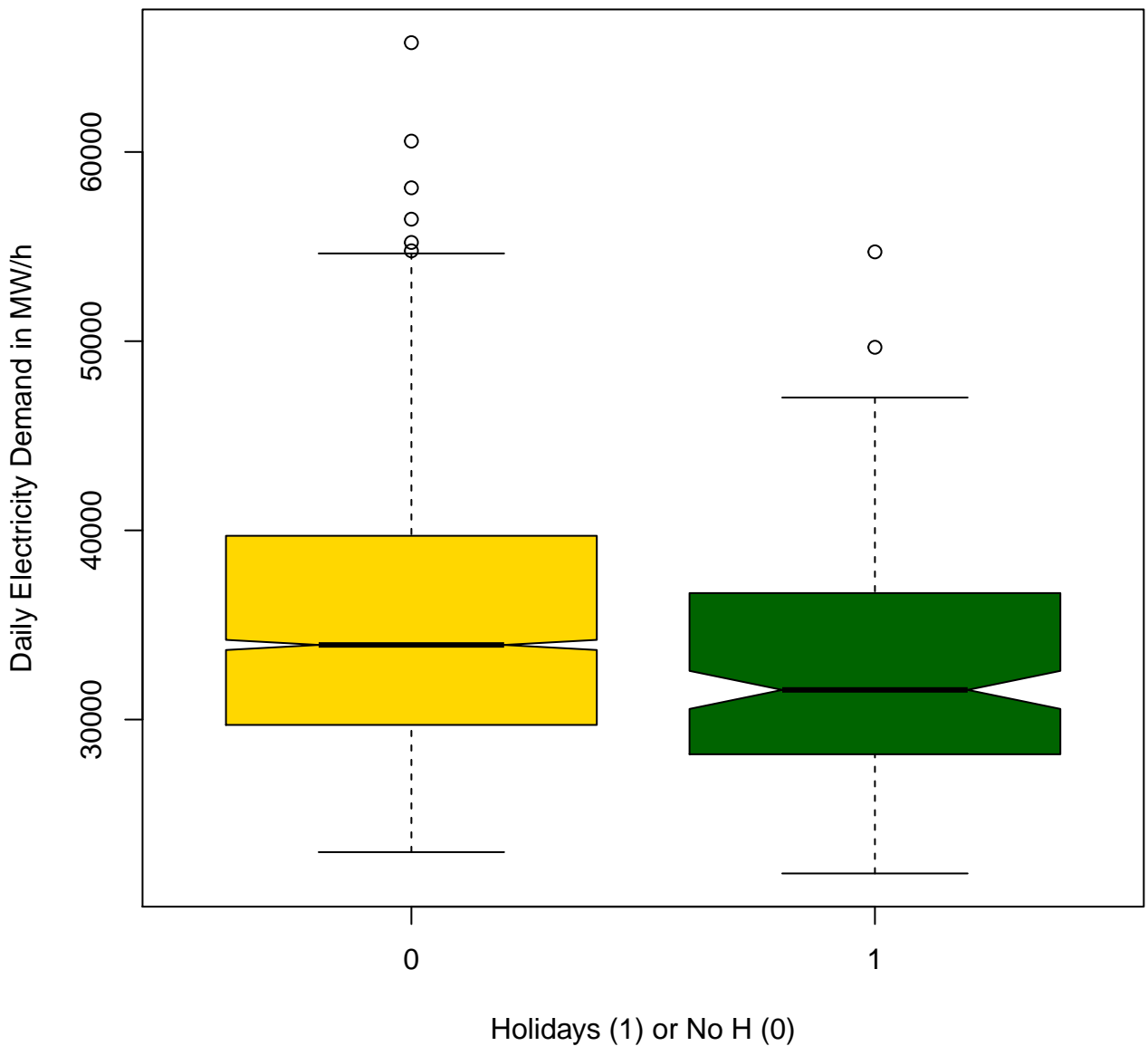
Effet Jour Ferie NORTH CENTRAL



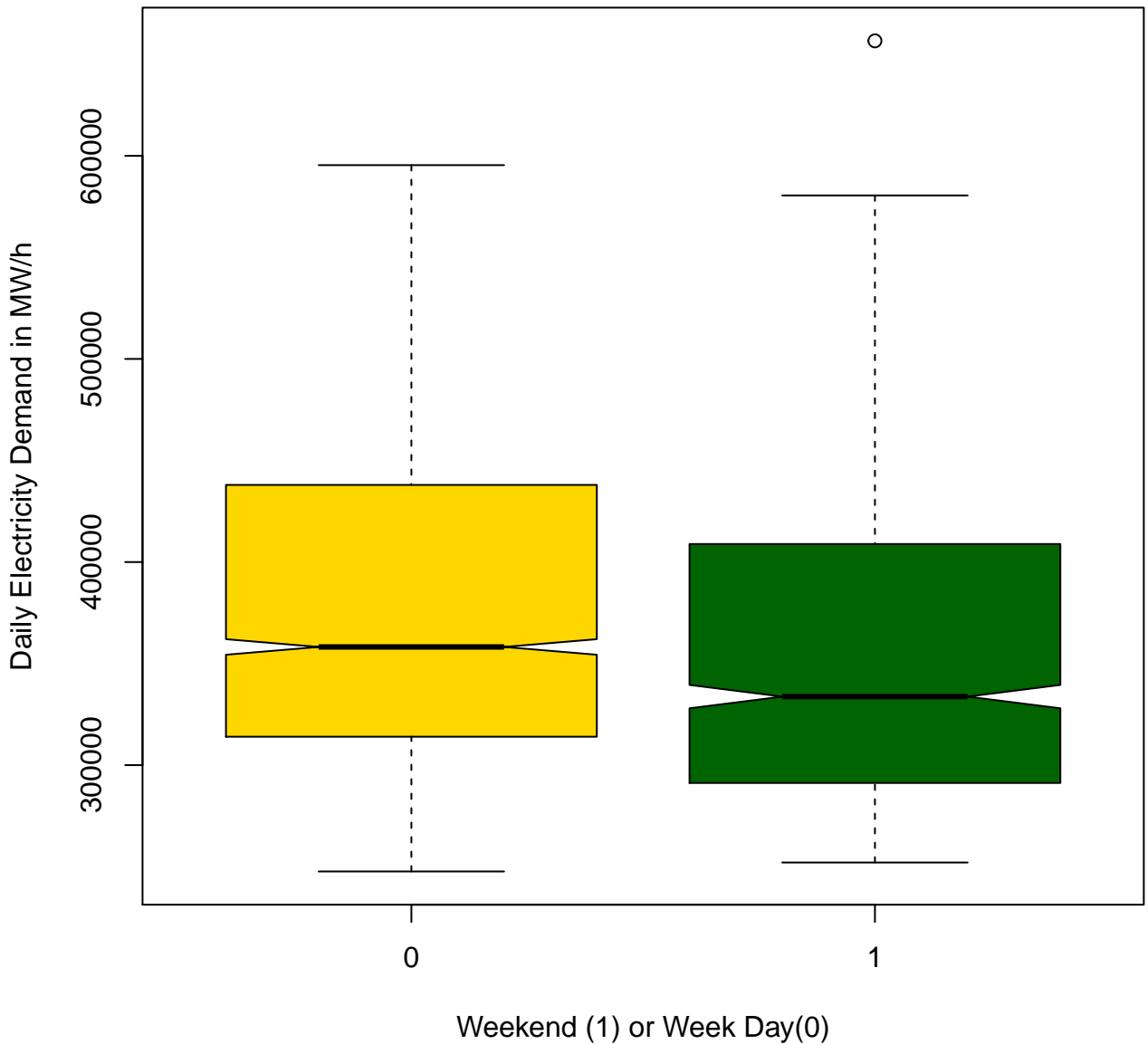
Effet Jour Ferie NORTH



Effet Jours Ferie EAST



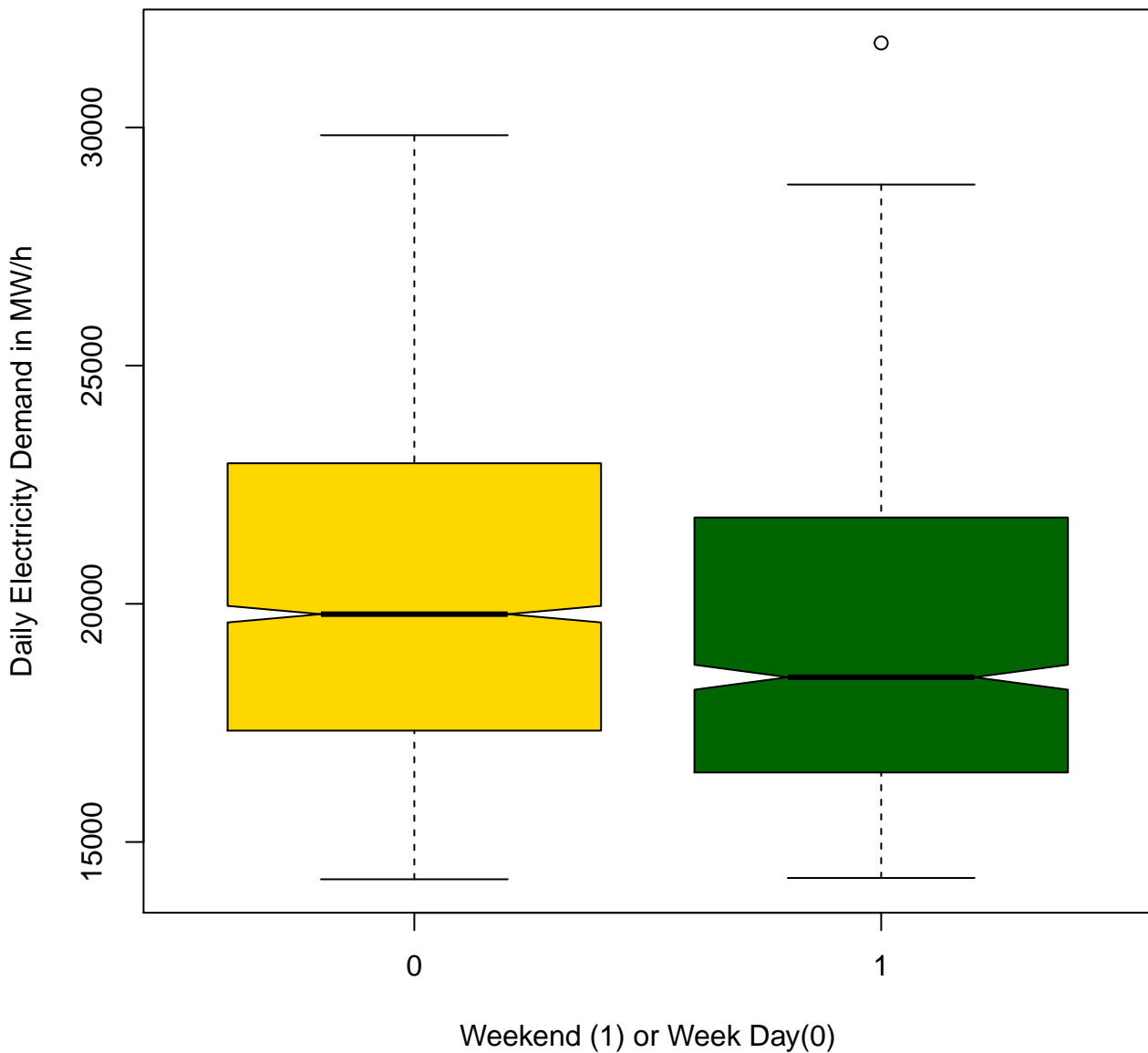
Effet Fin de Semaine Somme



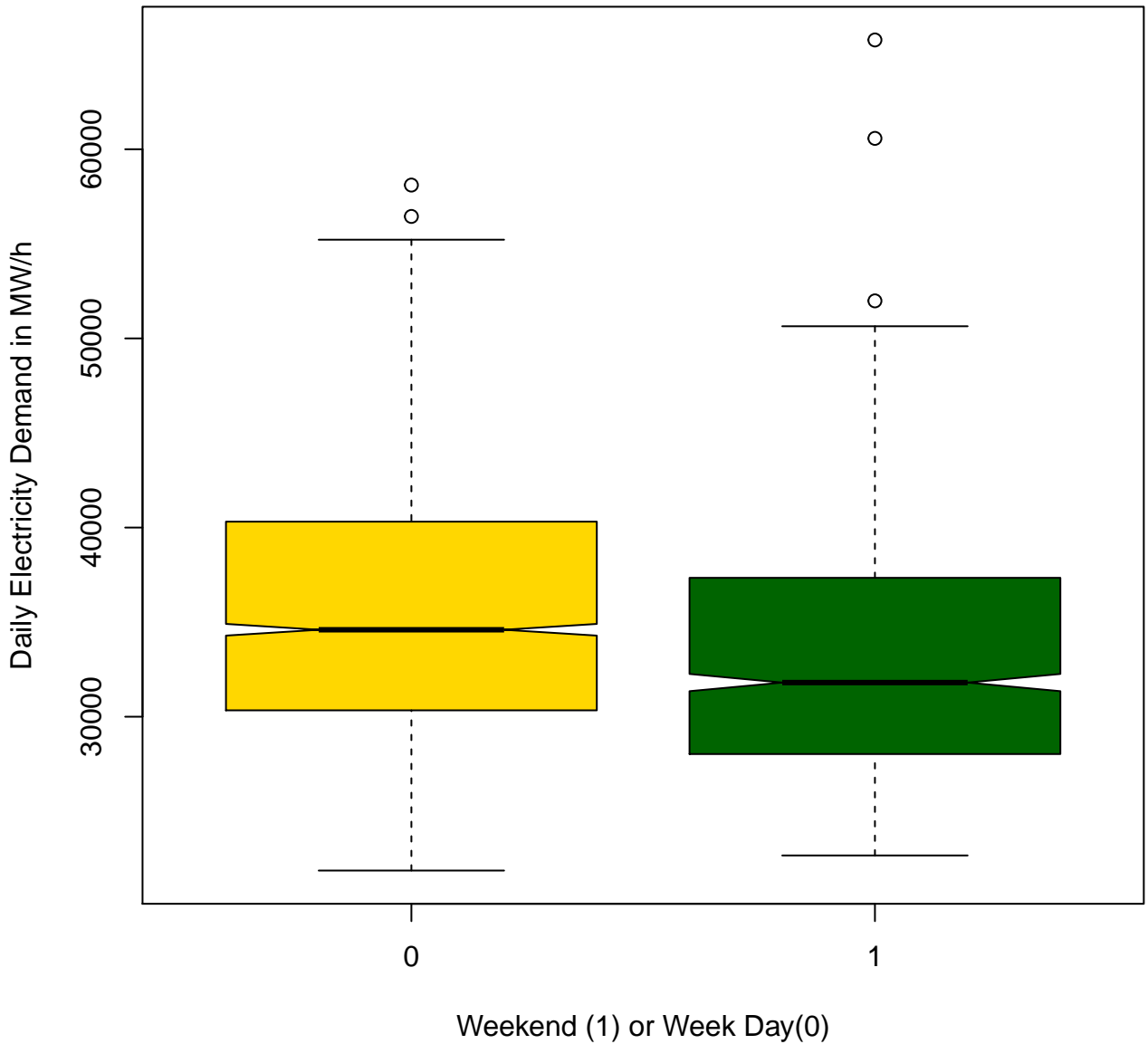
Effet Fin de Semaine NORTH CENTRAL



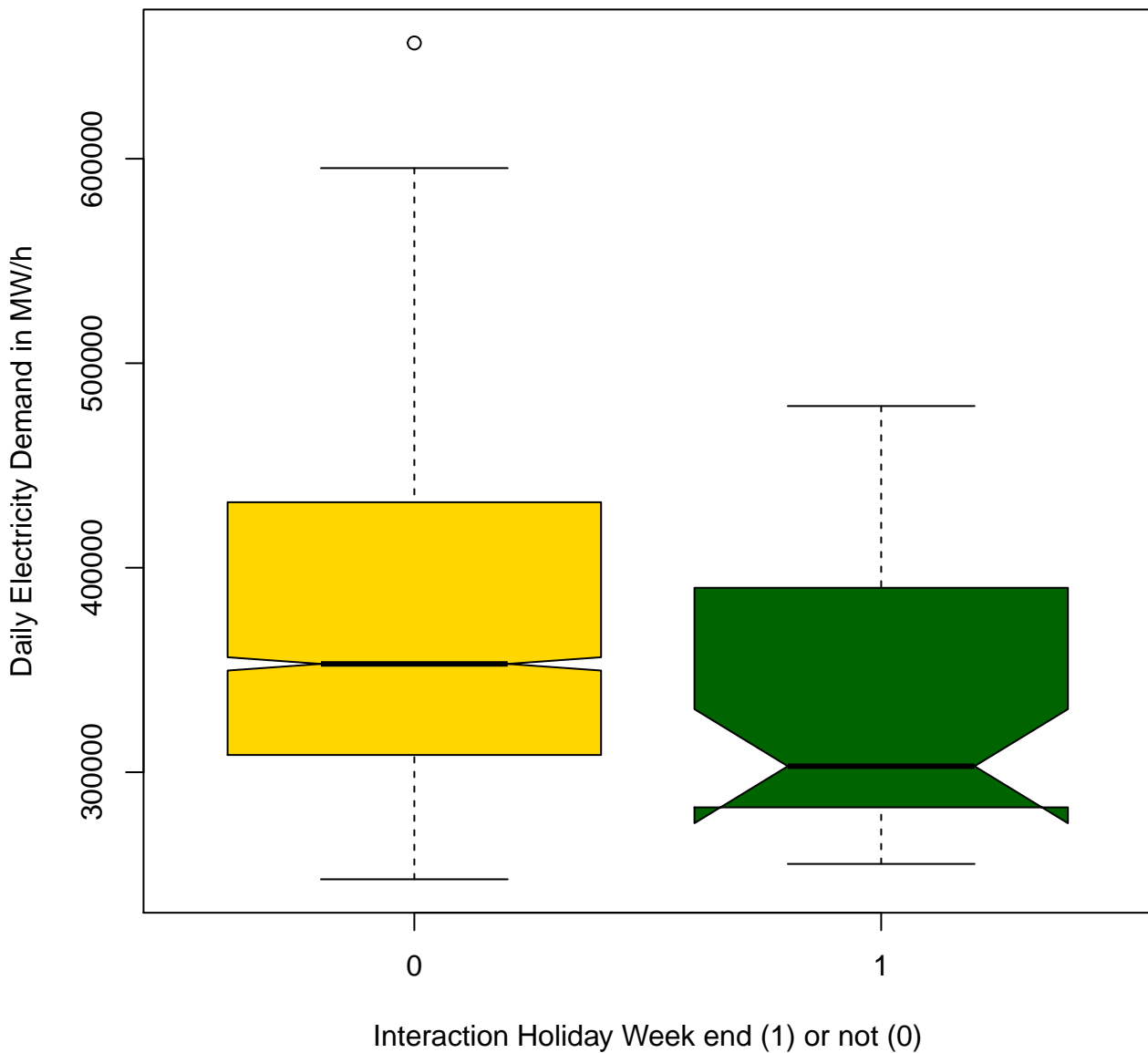
Effet Fin de Semaine NORTH



Effet Fin de Semaine EAST



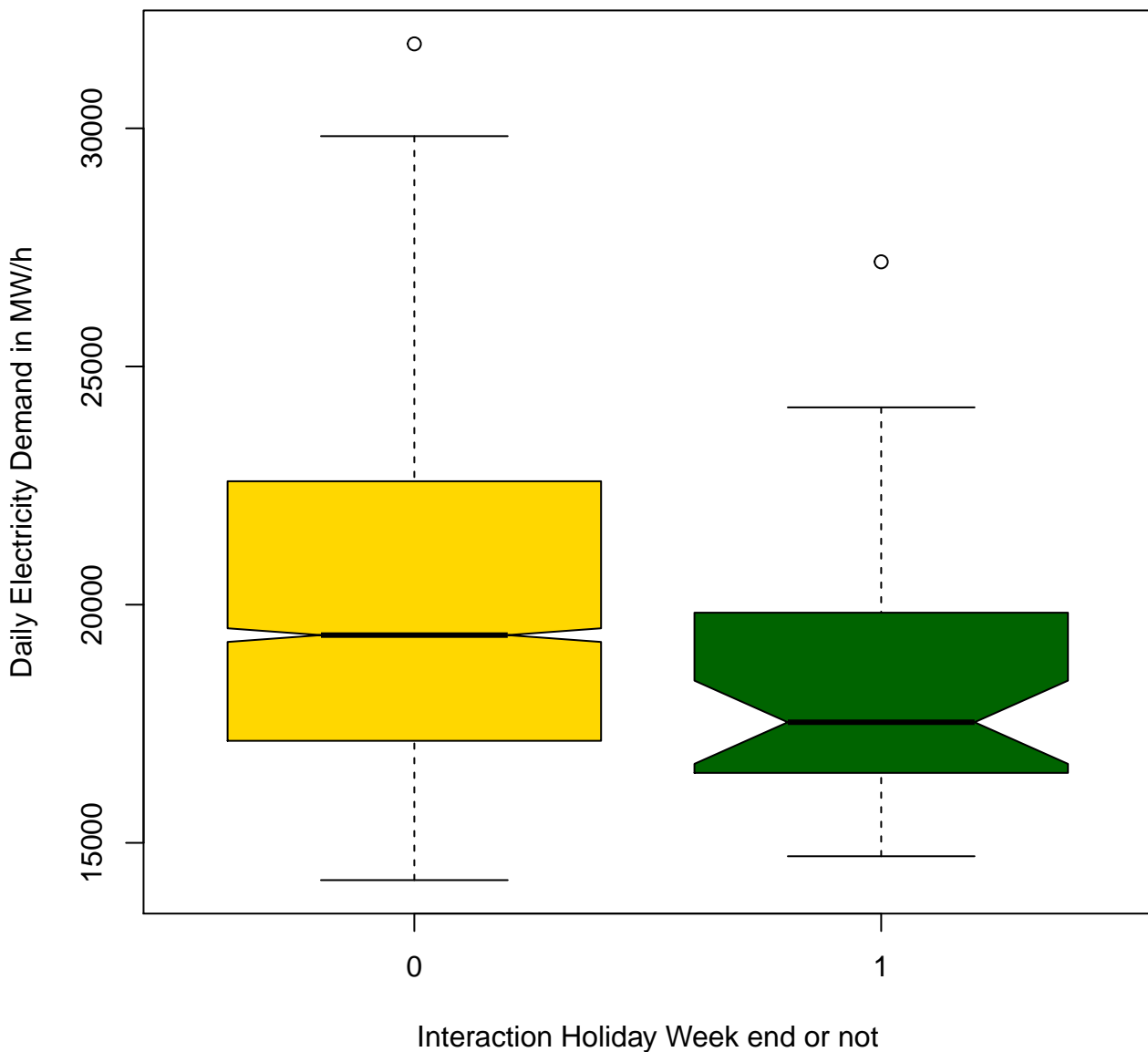
Jour Ferie Week end Somme



Jour Ferie Week end NORTH CENTRAL



Jour Ferie Week end NORTH



Jour Ferie Week end EAST

