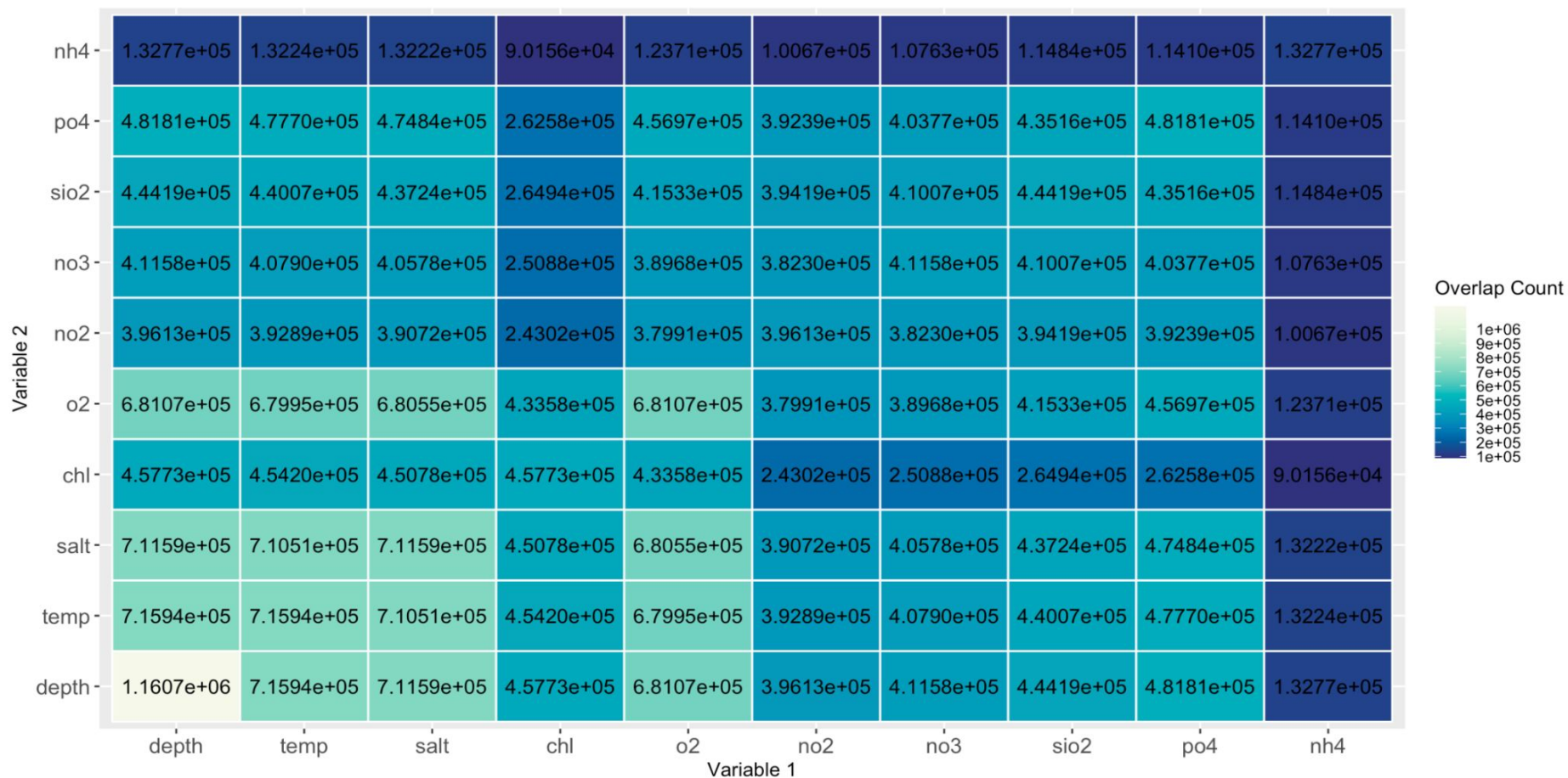


# West Coast Data Figures

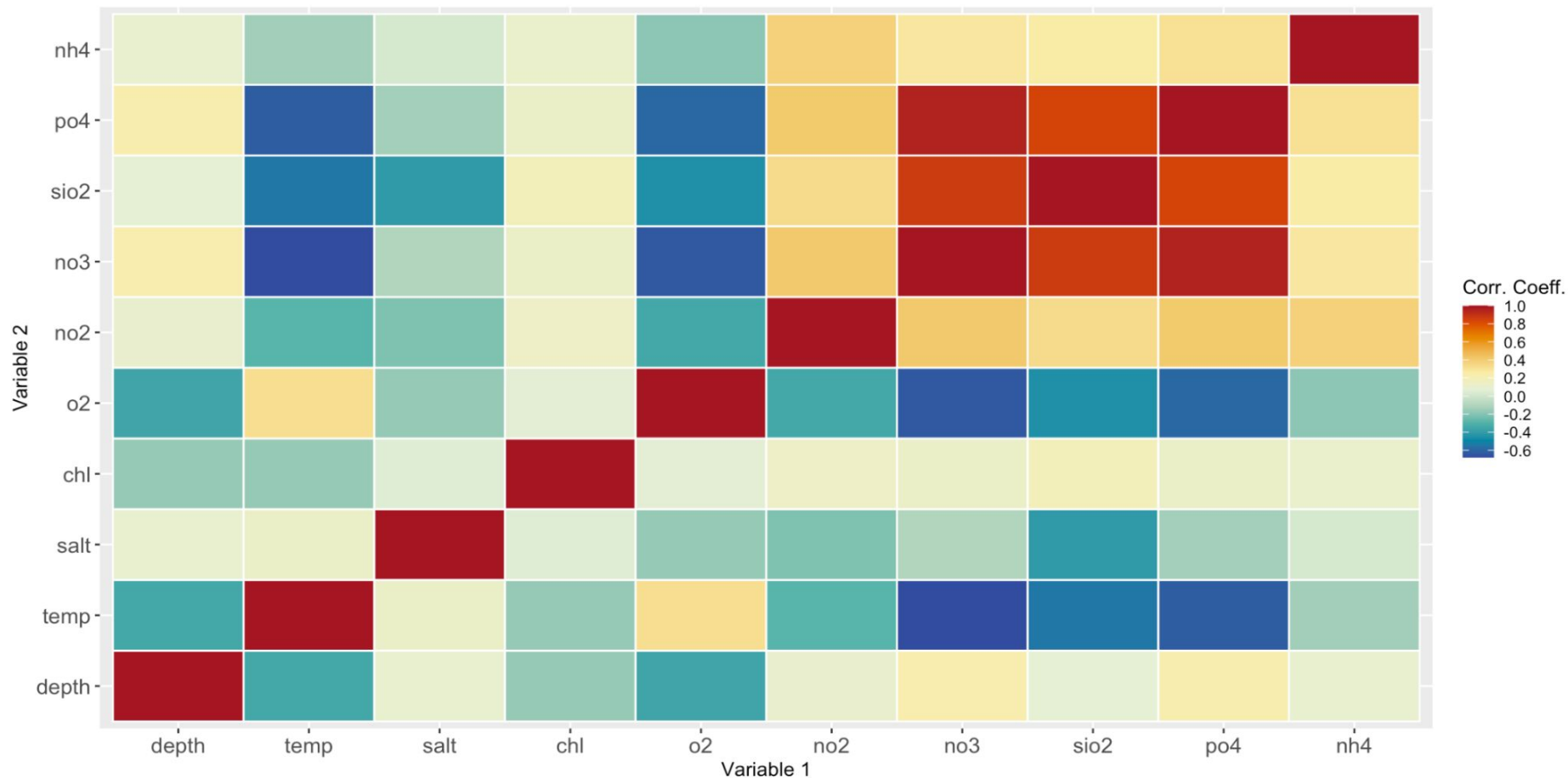
# Overlap of Quantity of Non-Missing Data Between Selected Variables

# # of Data Points Shared Between Selected Variables

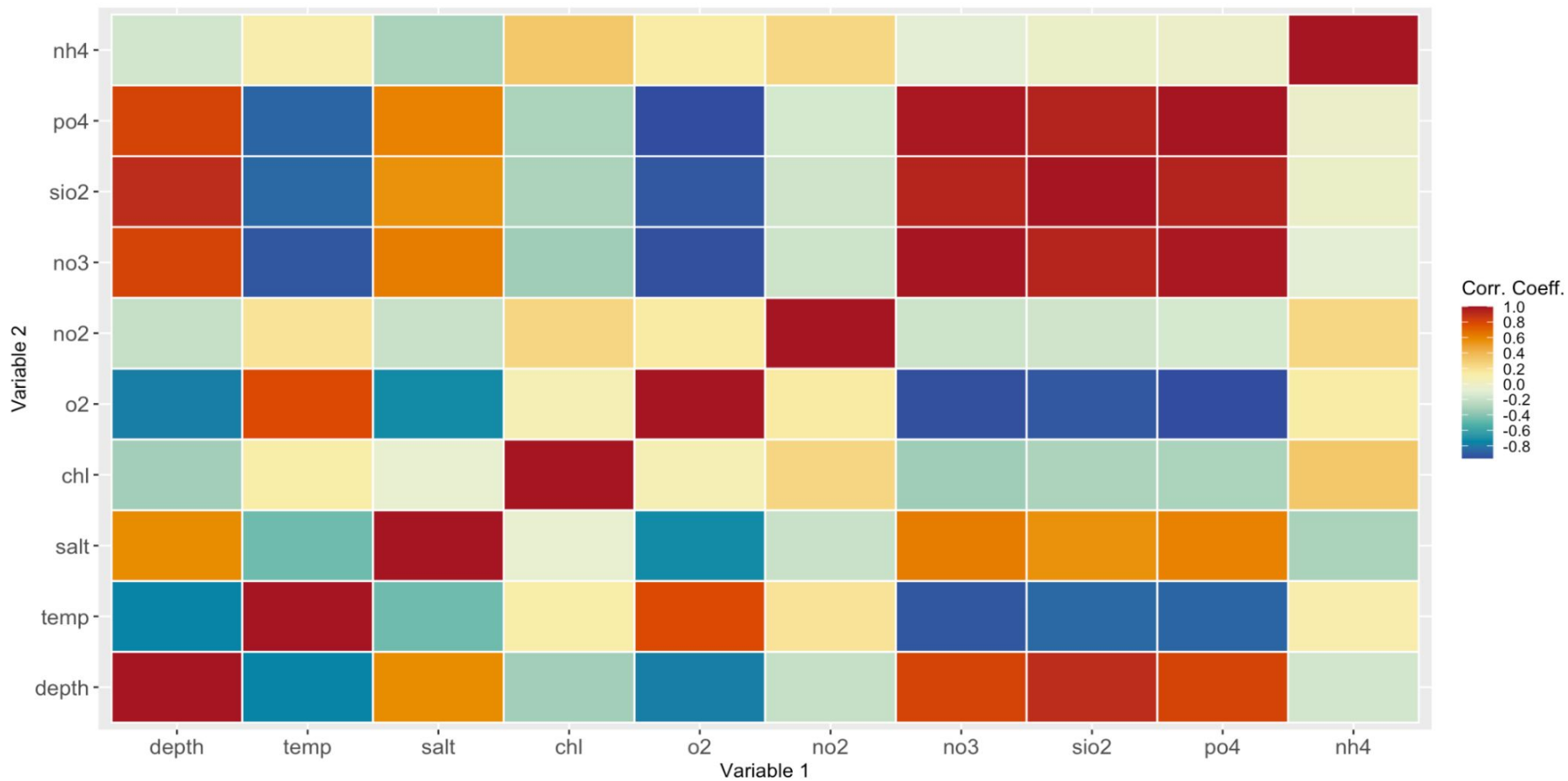


# Correlation Between Selected Variables

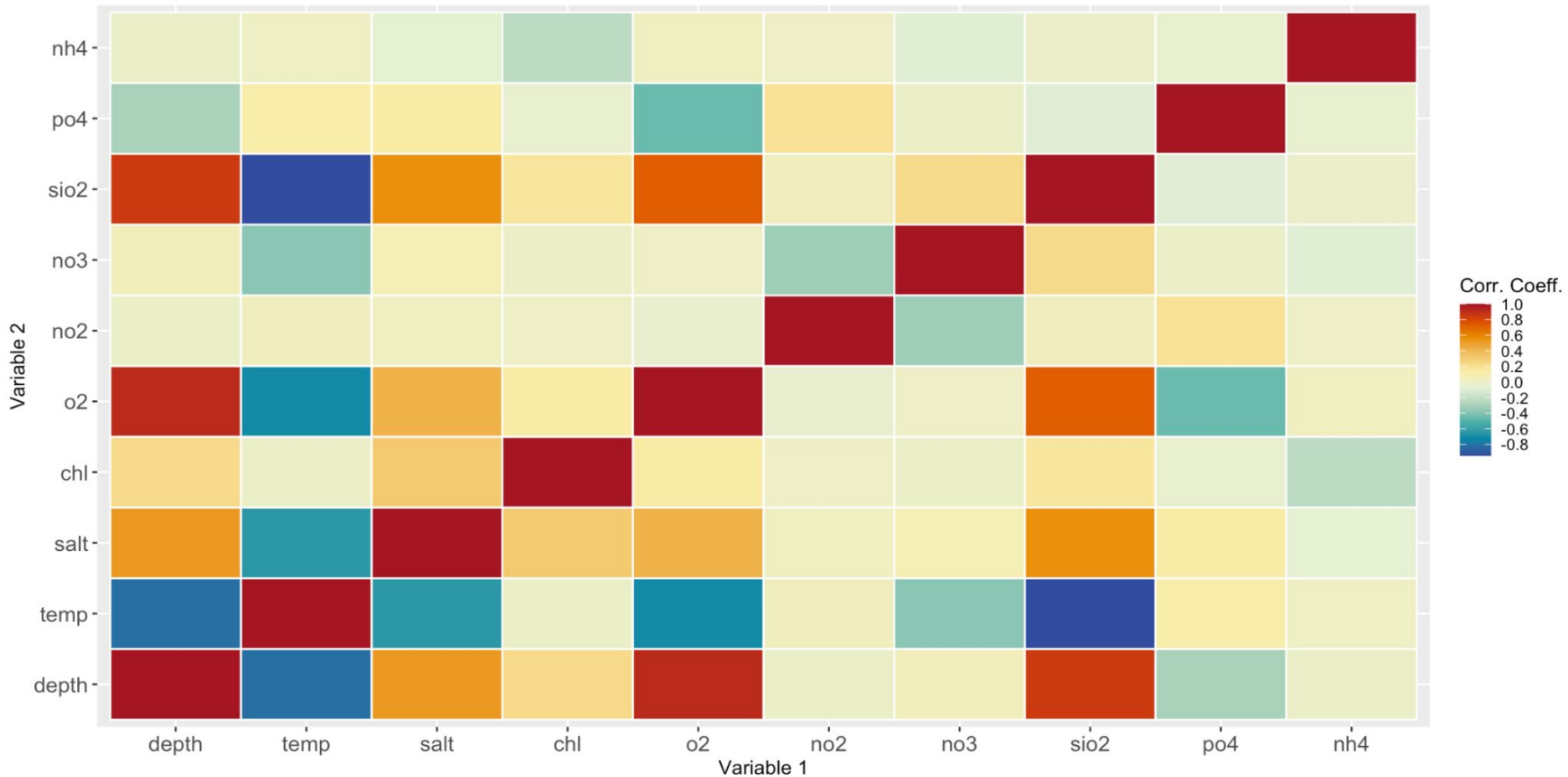
# Correlation R for Selected Variables for 0-50m



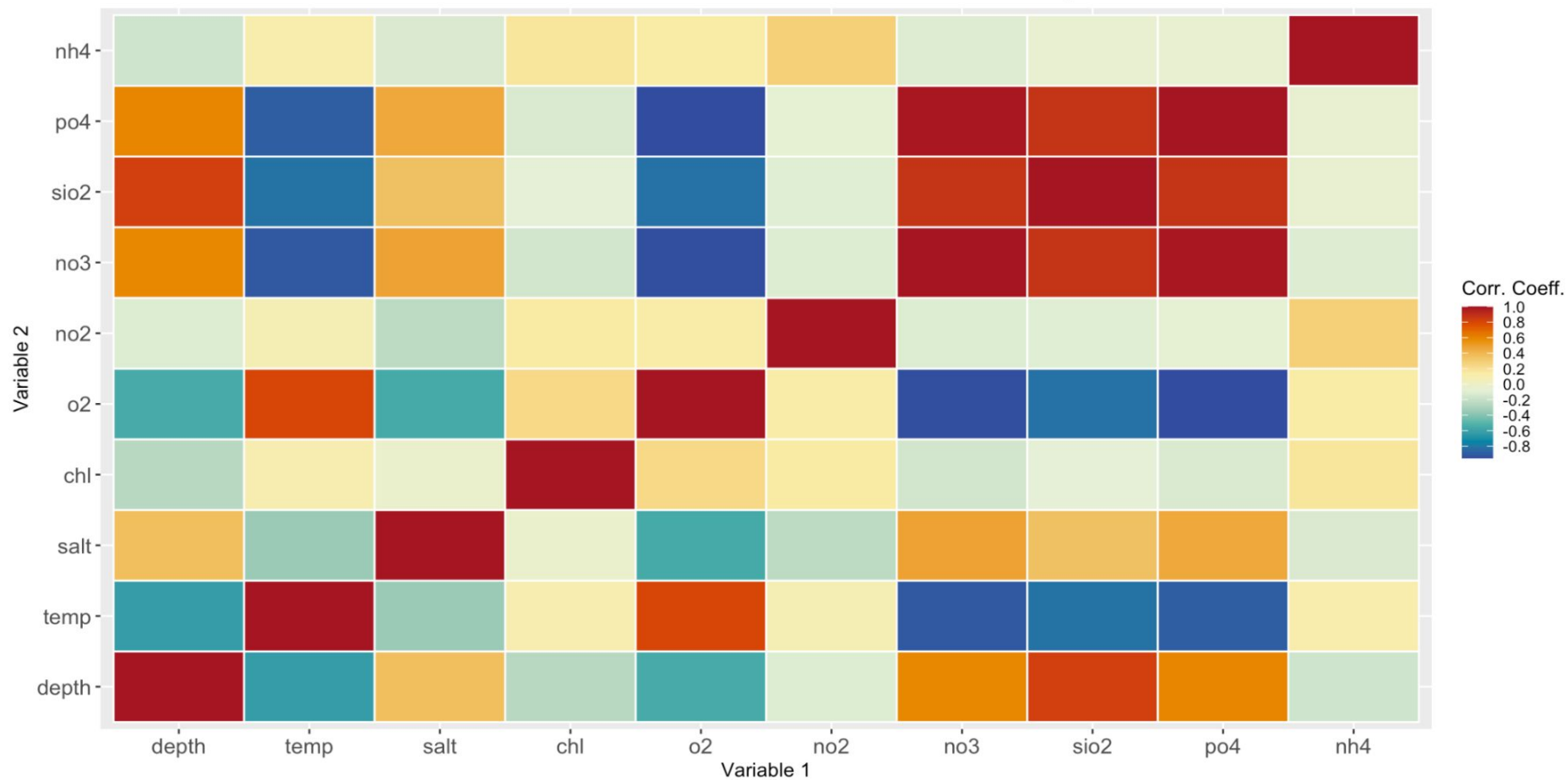
# Correlation R for Selected Variables for 50-500m



# Correlation R for Selected Variables for 500-5200m



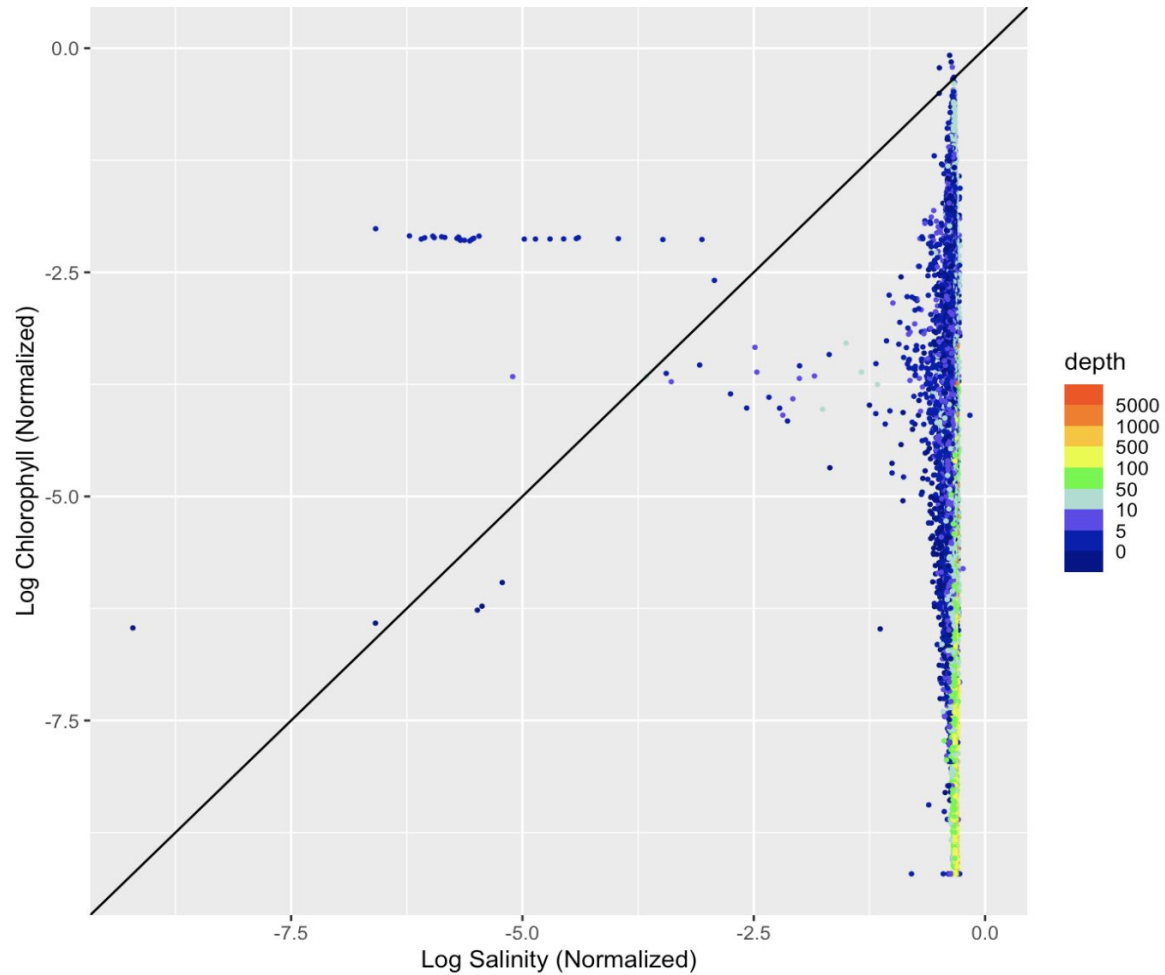
# Correlation R for Selected Variables for all Depths



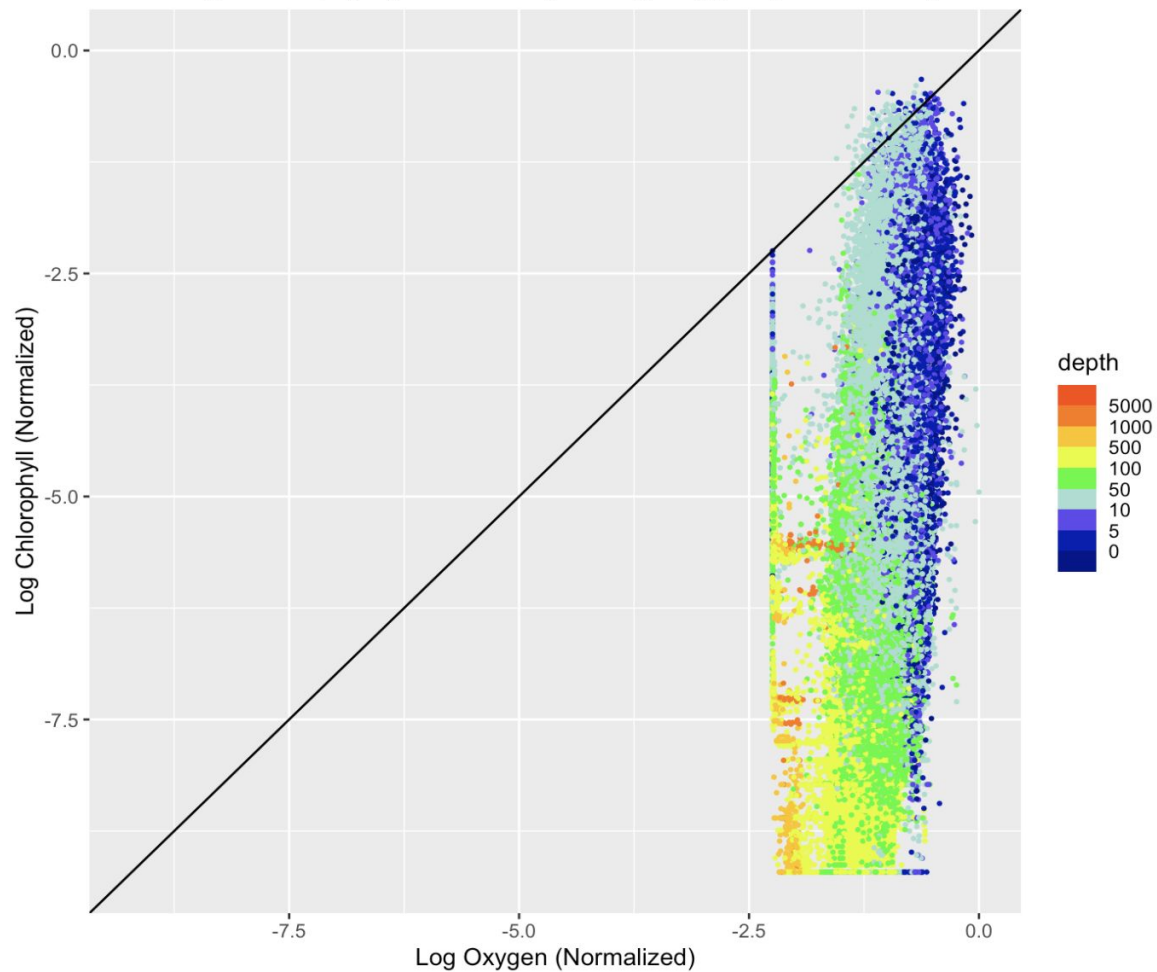


# Scatterplots of the Log Transformation of Selected Variables vs Chlorophyll

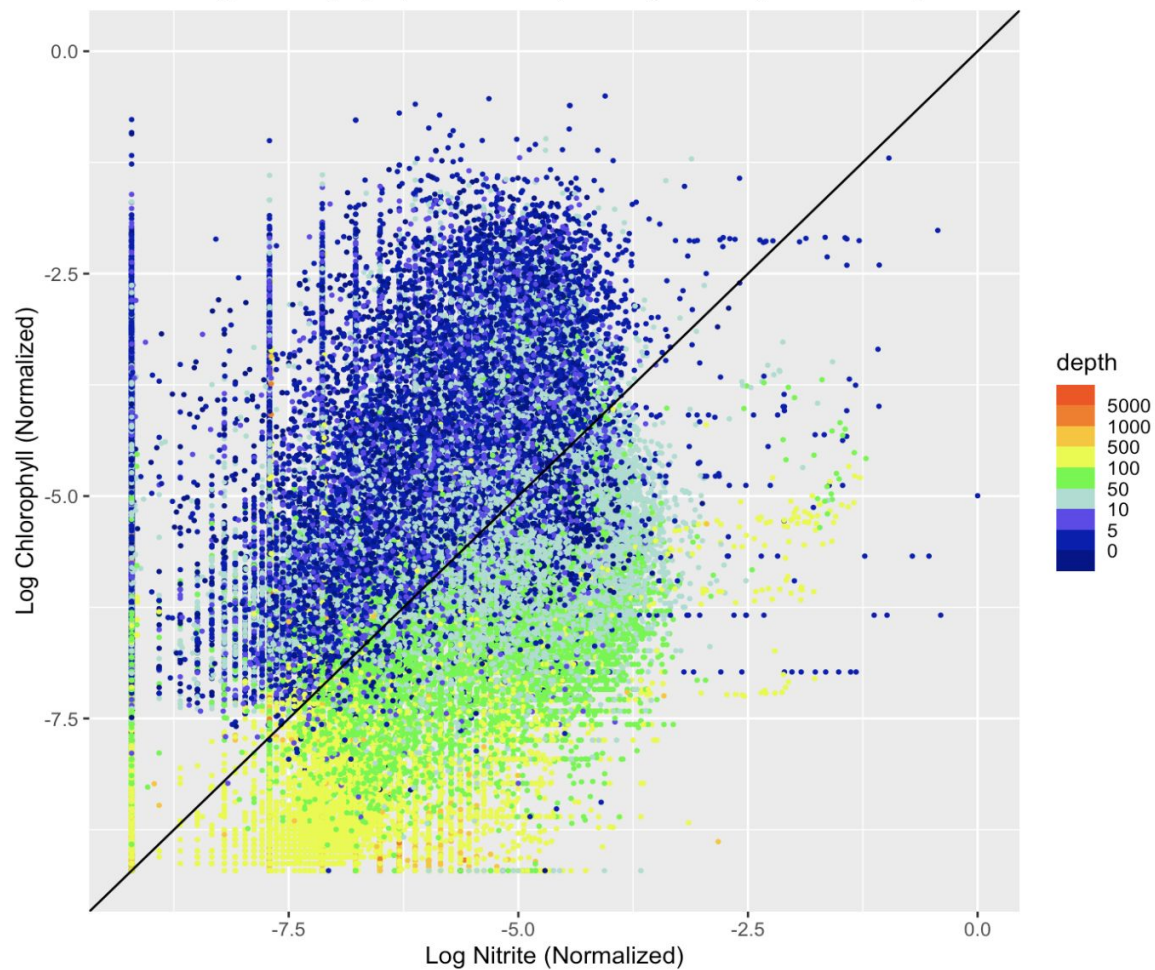
Log Chlorophyll (Normalized) vs Log Salinity (Normalized)



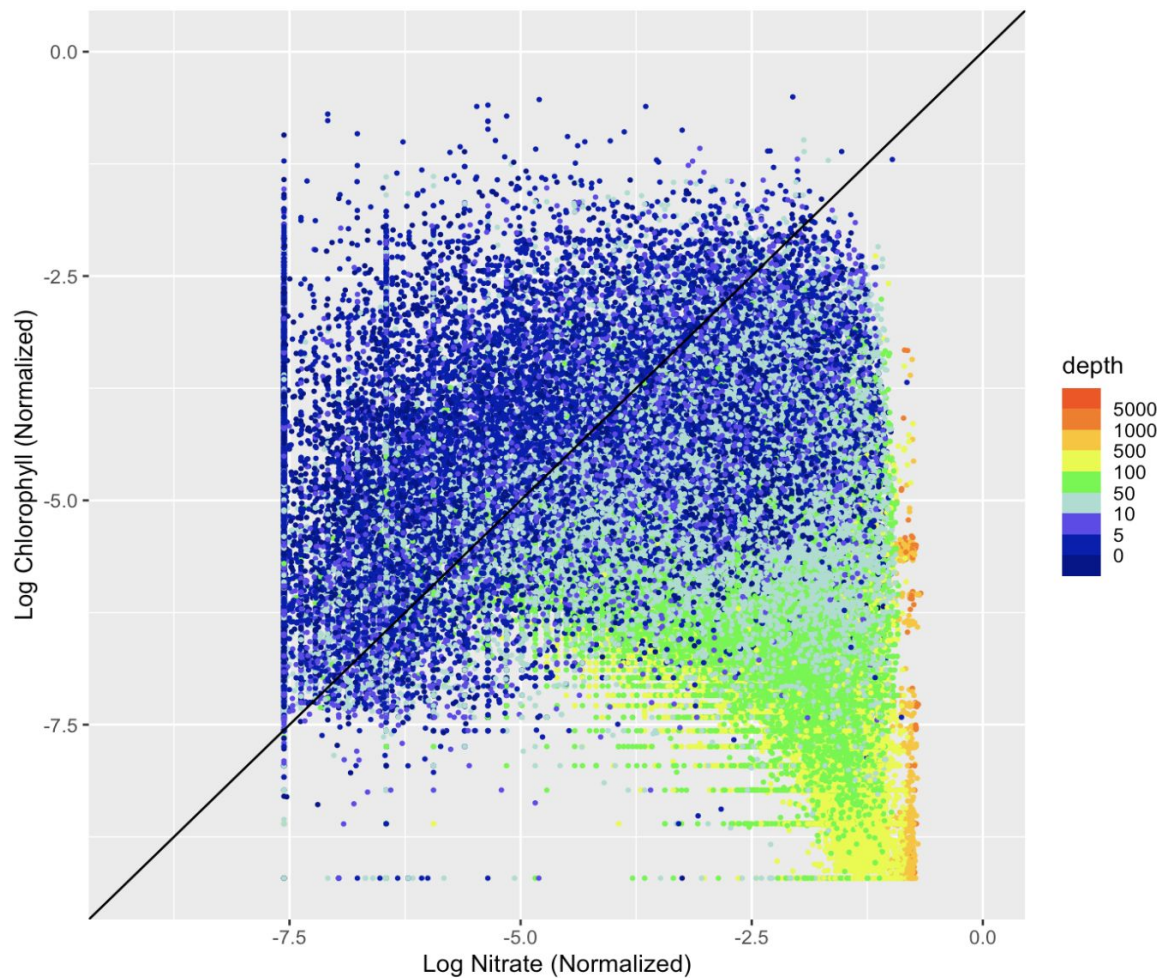
Log Chlorophyll (Normalized) vs Log Oxygen (Normalized)



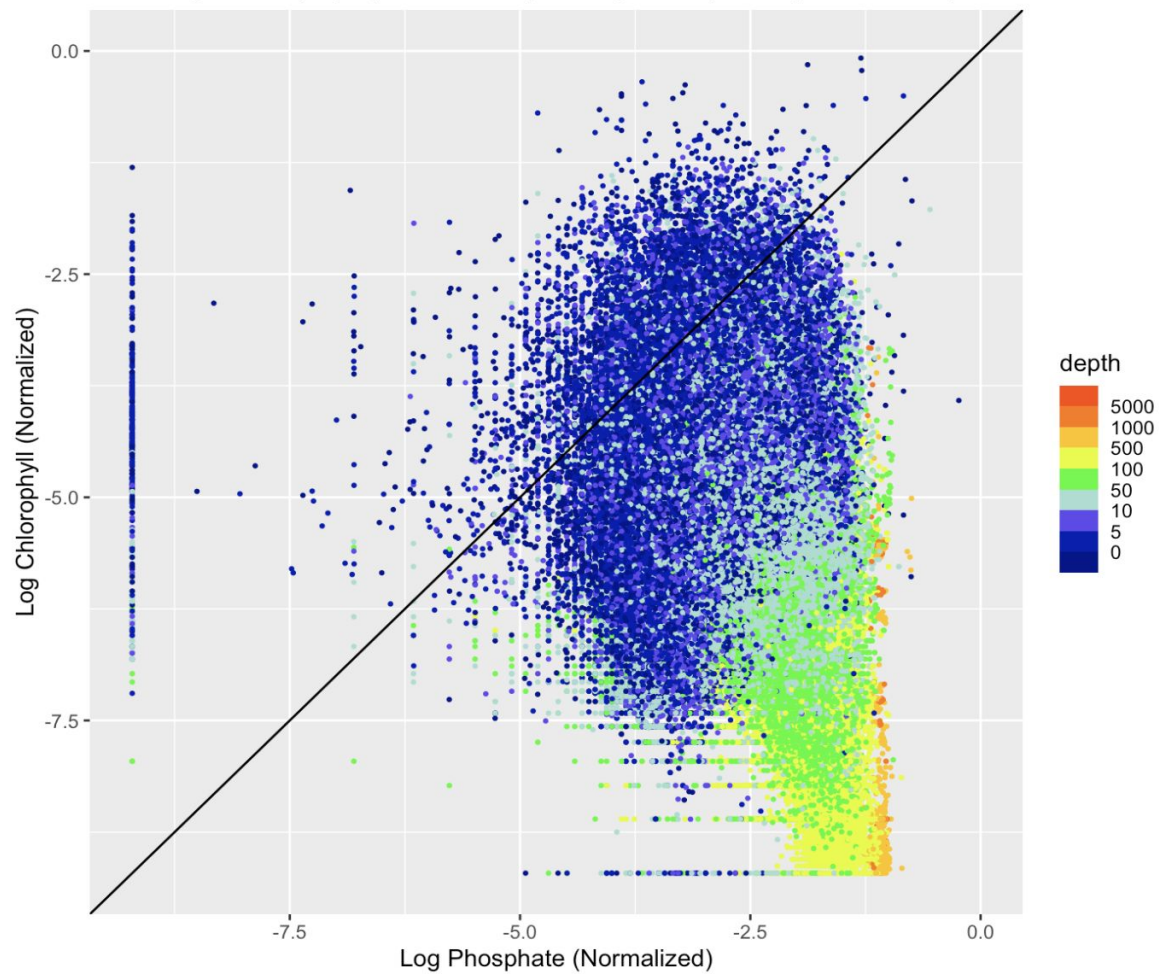
Log Chlorophyll (Normalized) vs Log Nitrite (Normalized)



Log Chlorophyll (Normalized) vs Log Nitrate (Normalized)

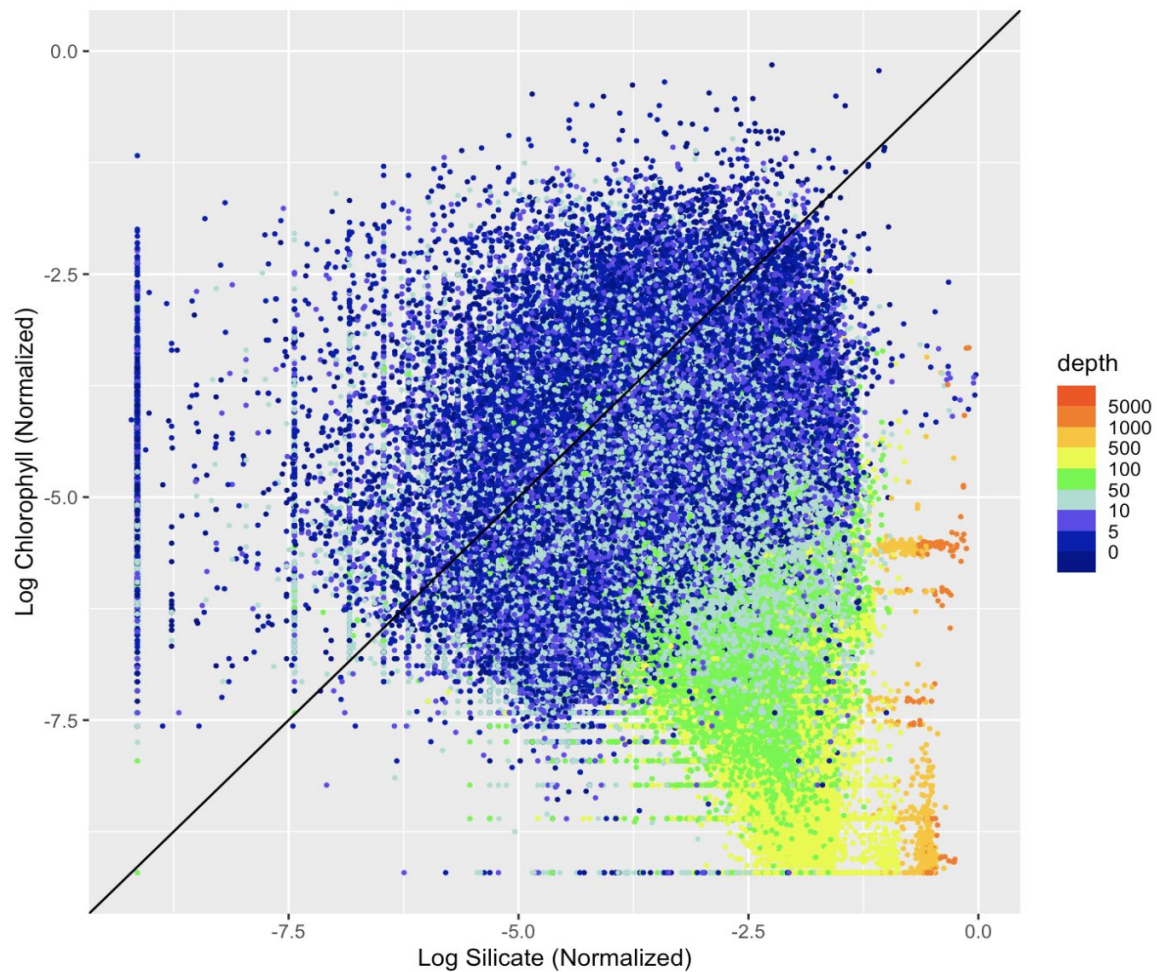


Log Chlorophyll (Normalized) vs Log Phosphate (Normalized)

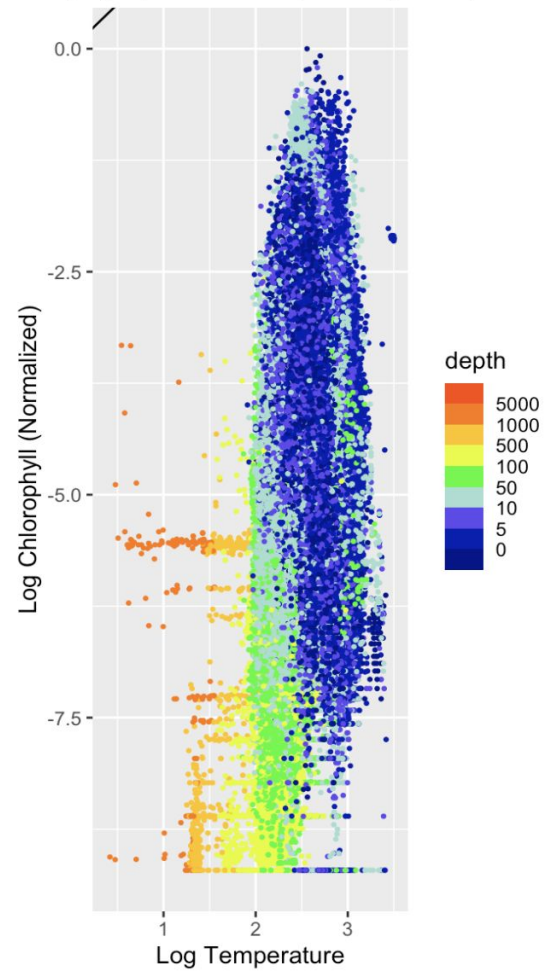




Log Chlorophyll (Normalized) vs Log Silicate (Normalized)

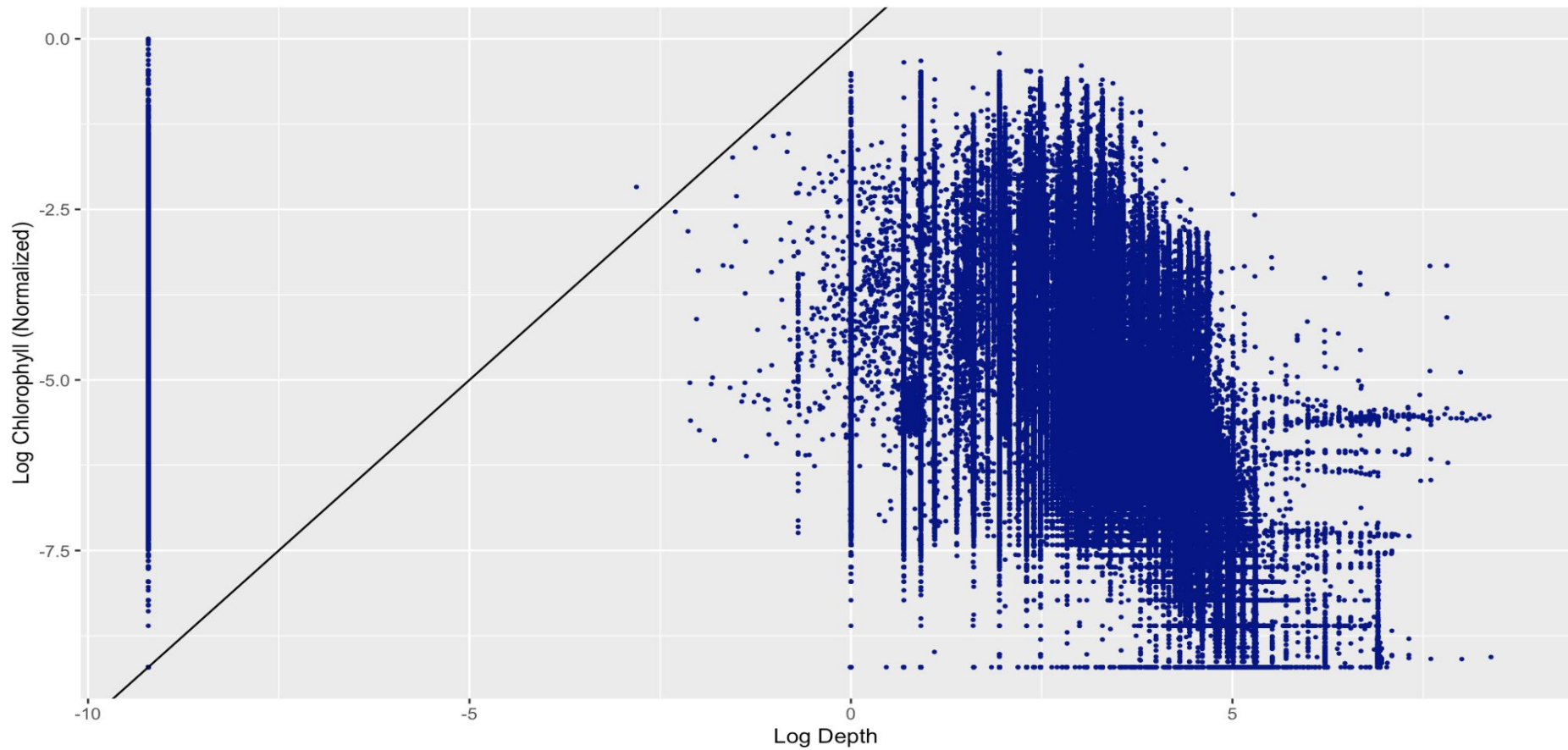


Log Chlorophyll (Normalized) vs Log Temperature



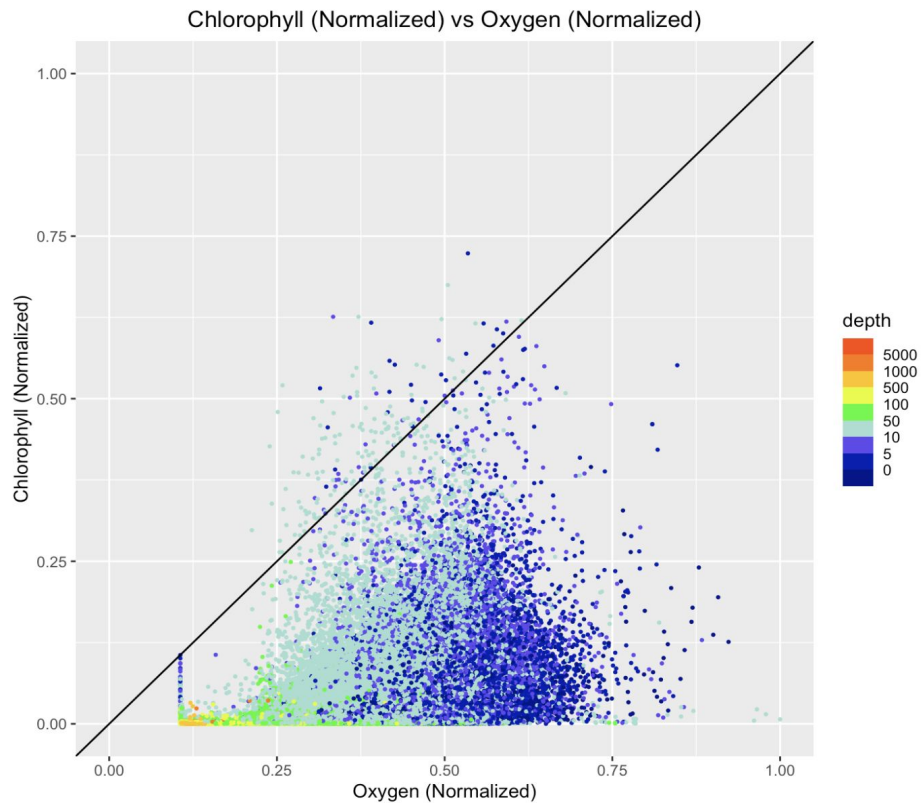


Log Chlorophyll (Normalized) vs Depth



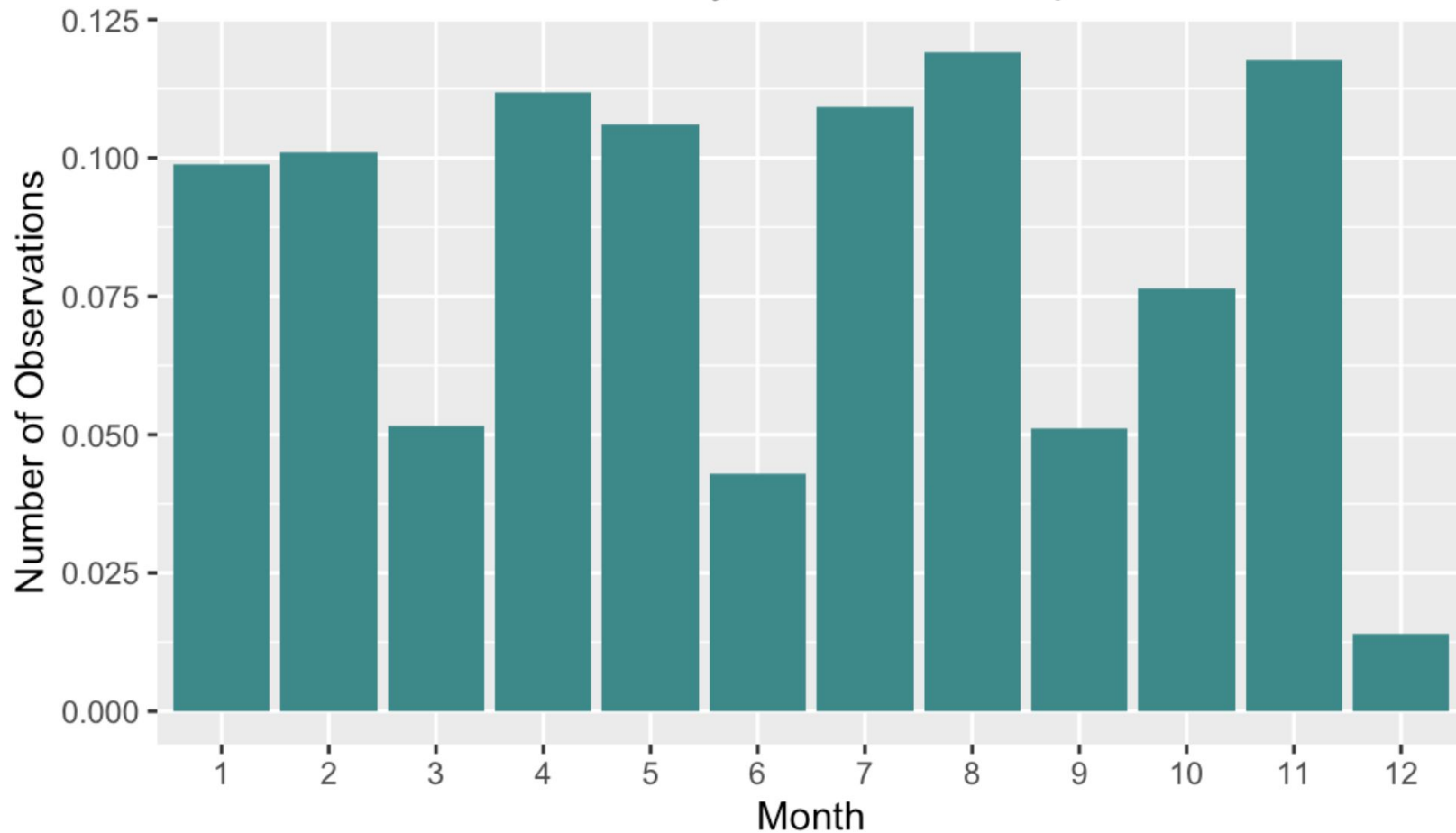
Note: The Plots Were Much Worse Without the  
Log Transformation

# Best of the plots without the transformation:

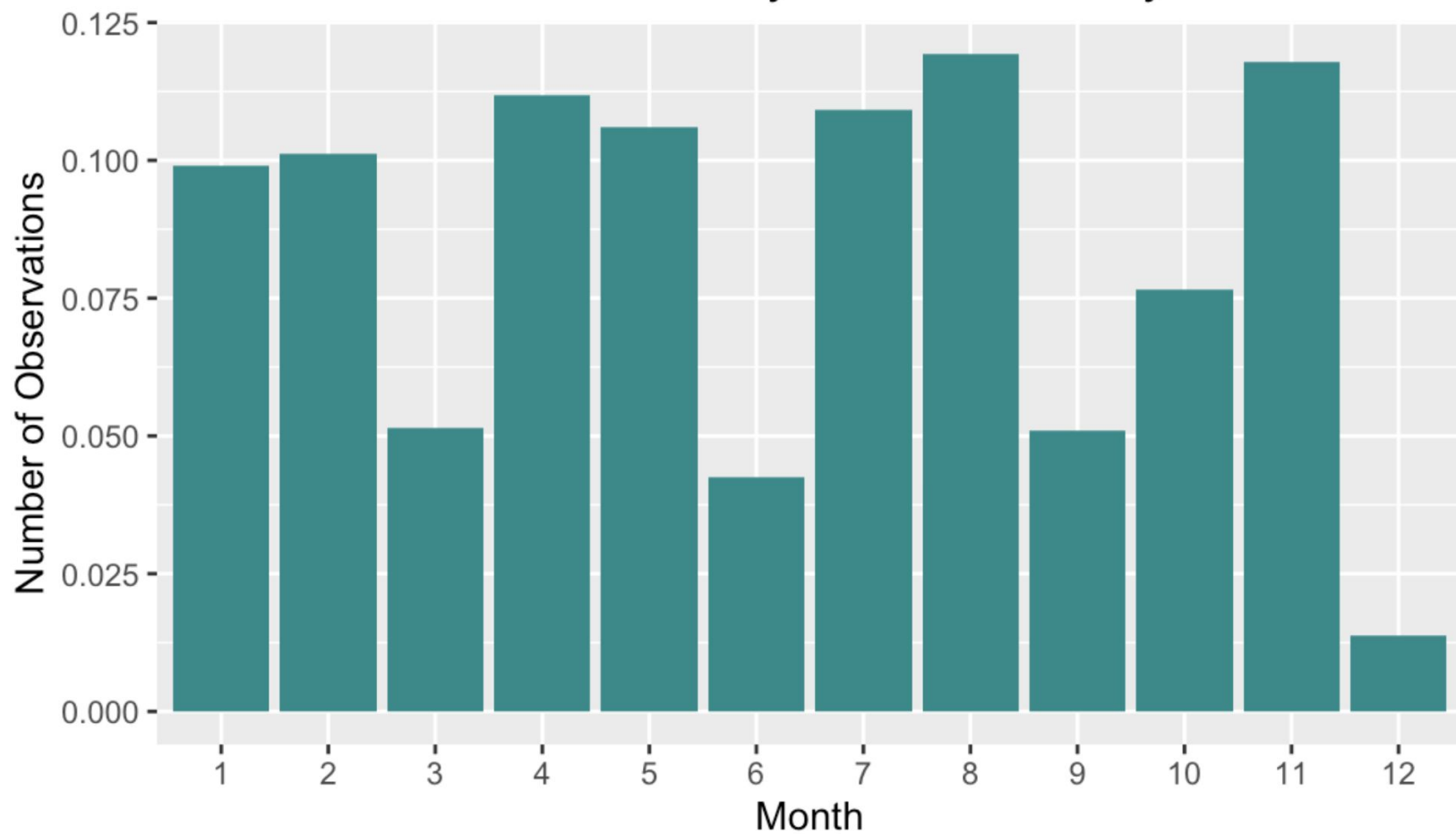


# Relative Frequency Barplots of Non-Missing Data for Selected Variables by Month

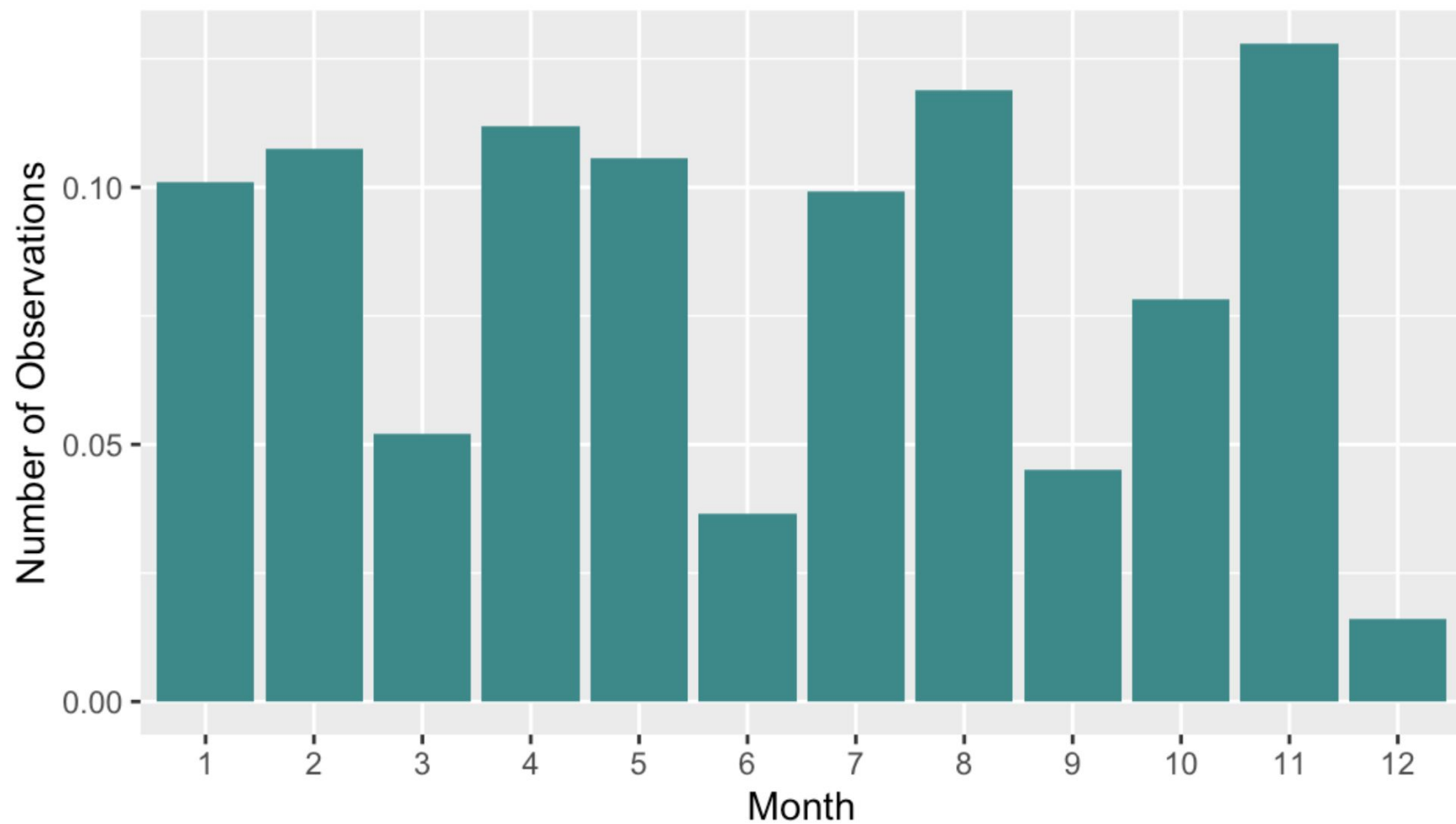
# Observations by Month for Temperature



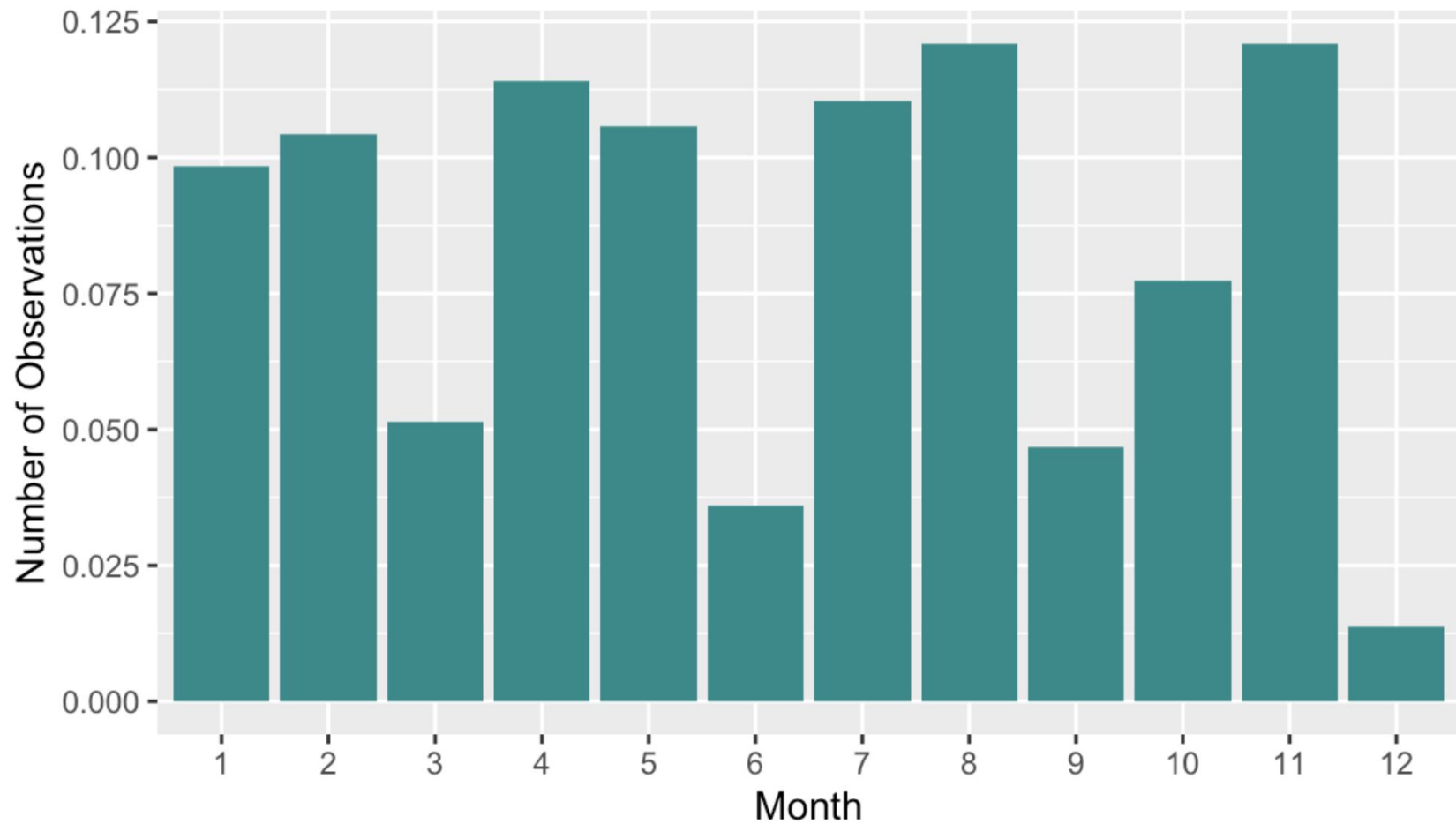
# Observations by Month for Salinity



Observations by Month for Chlorophyll

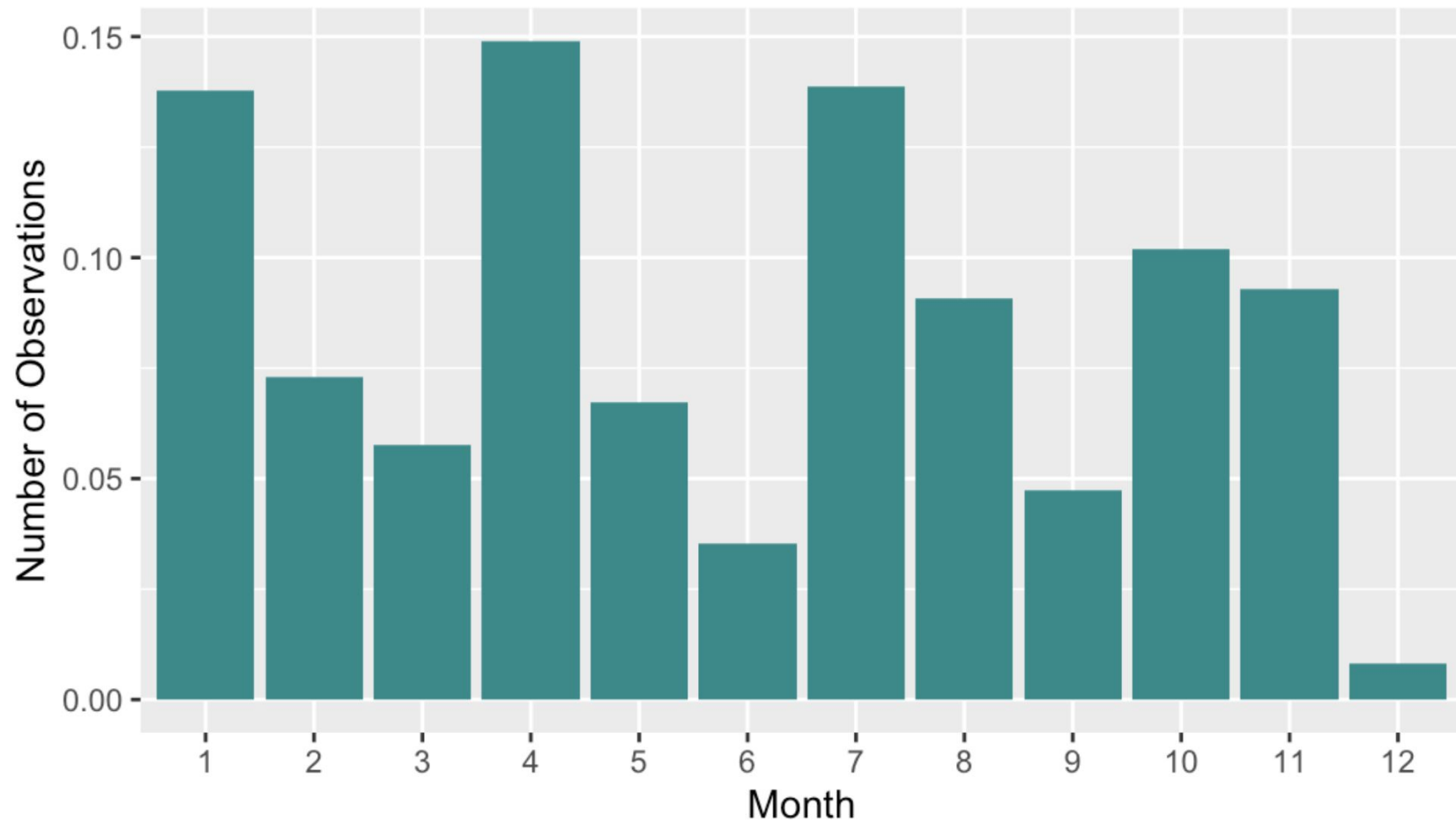


# Observations by Month for Oxygen

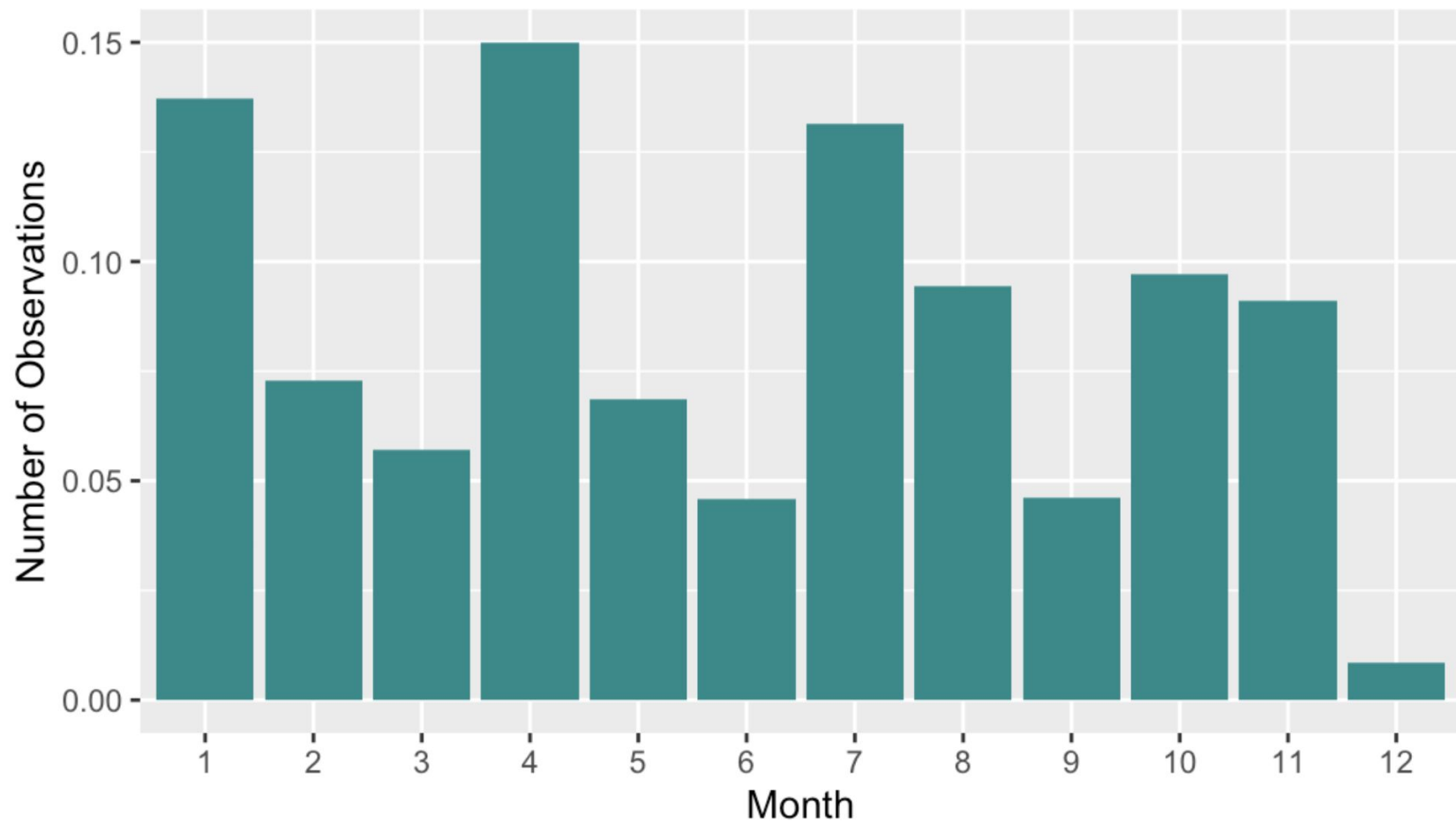




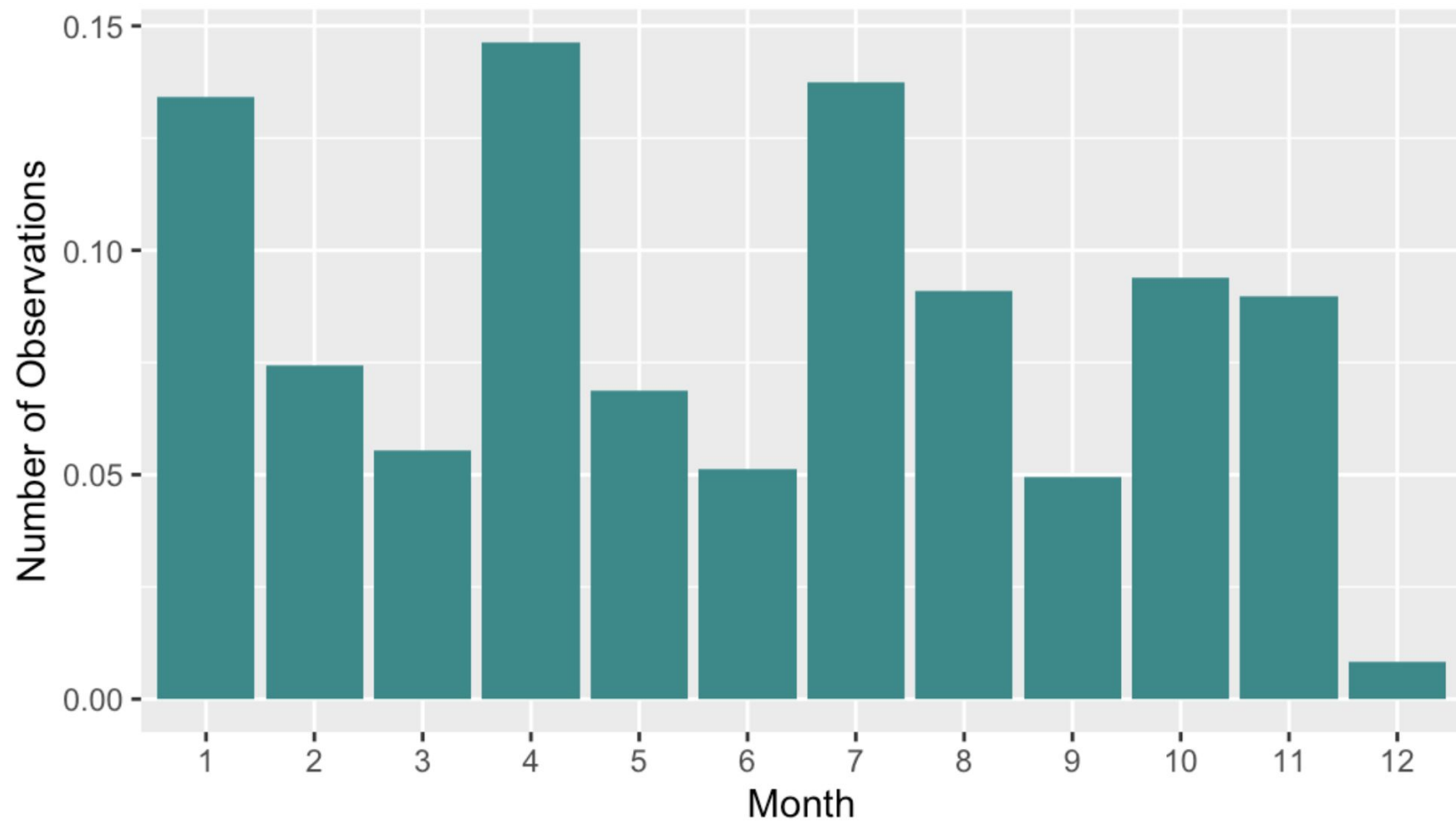
# Observations by Month for Nitrite



Observations by Month for Nitrate



Observations by Month for Silicate



Observations by Month for Phosphate

