

Appendix H. Model Performance Plots for 2014

This appendix includes Appendix H1 which compares model-predicted and observed water quality parameters using scatter, time series, time-depth, and profile plots. Appendix D explains how to interpret a time-depth plot. Appendix H2 contains plots and statistics showing model performance at the surface, middle, and bottom waters for all stations with DO observations. Also, included is Appendix H3 which compares model-predicted and observed water surface elevations using scatter and time series plots. For definitions of terms, including statistical performance metrics, refer to the glossary in the main report. Equations for skill statistics used in this appendix are included in Appendix D.

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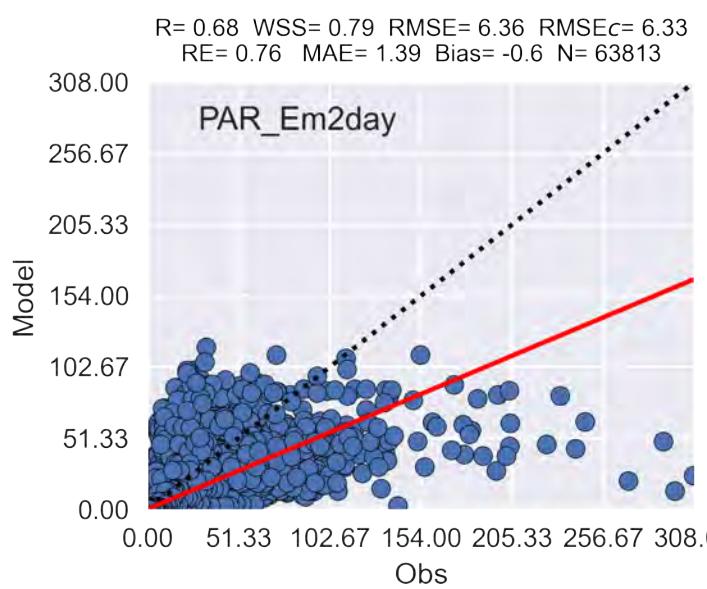
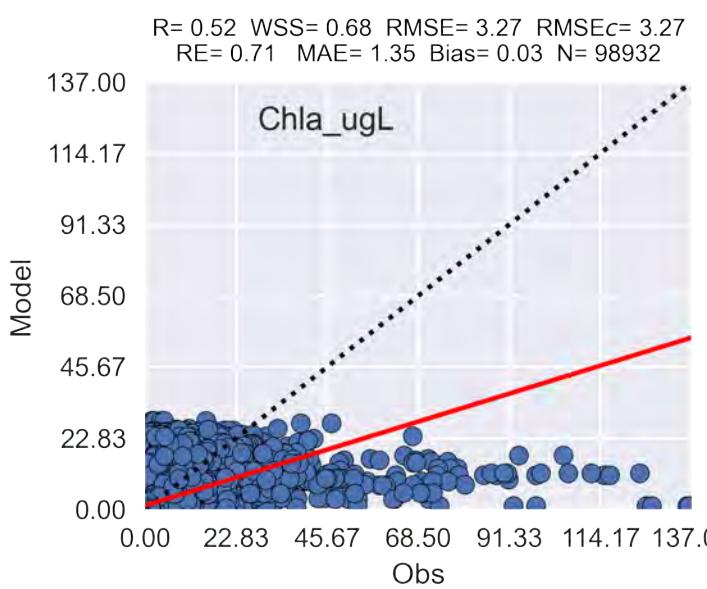
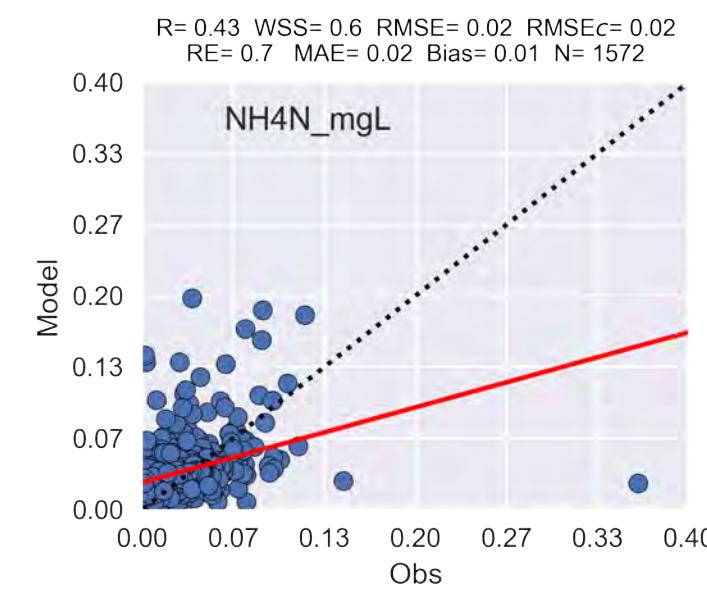
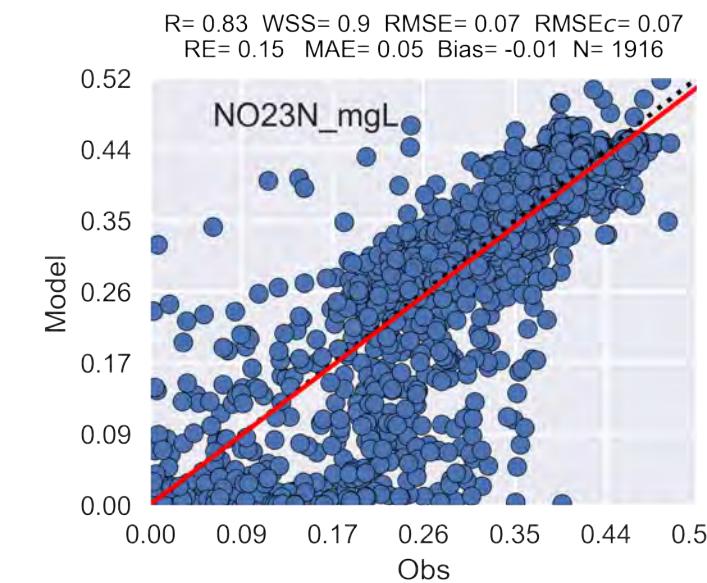
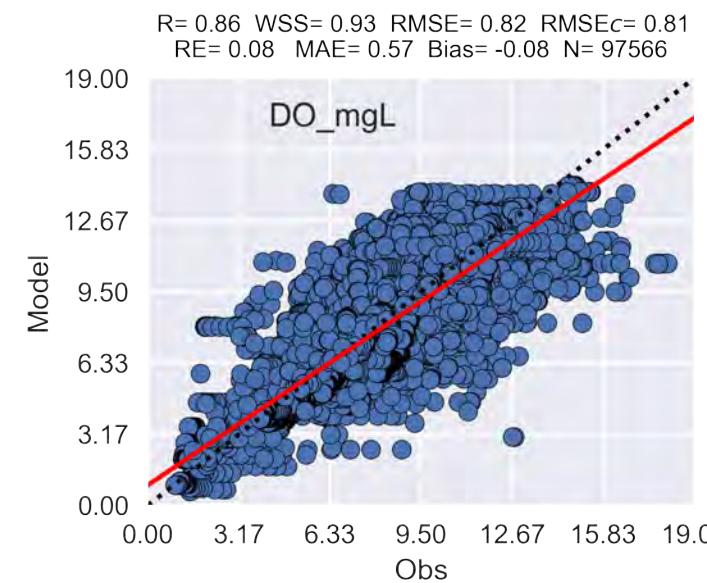
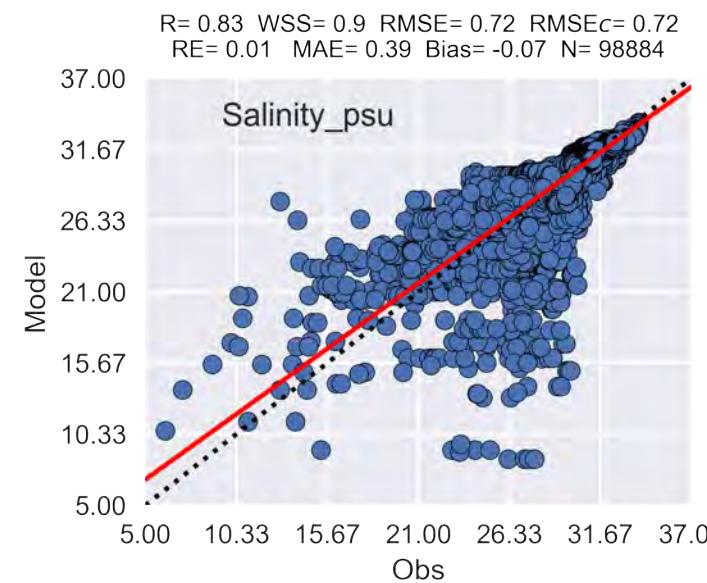
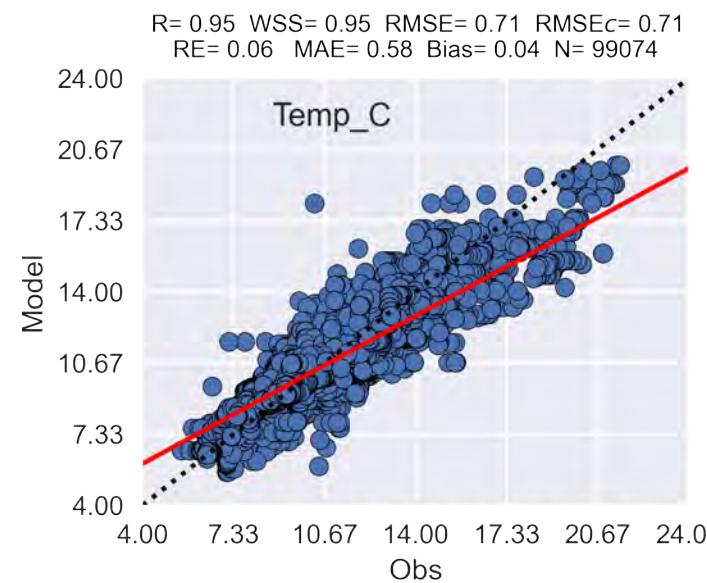
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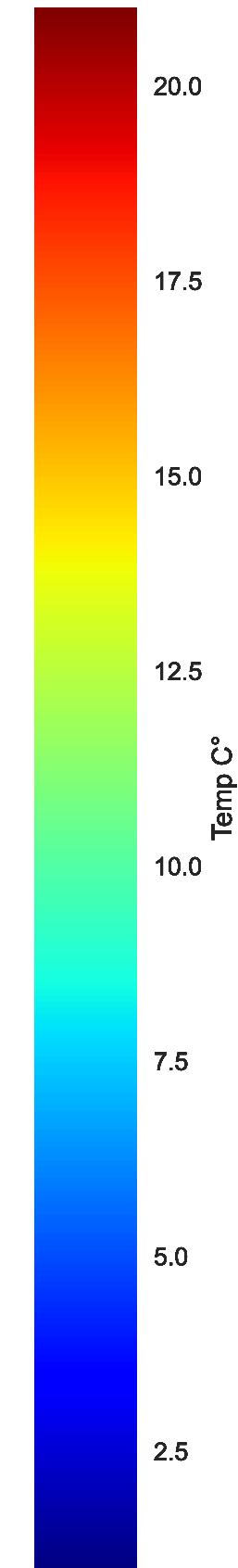
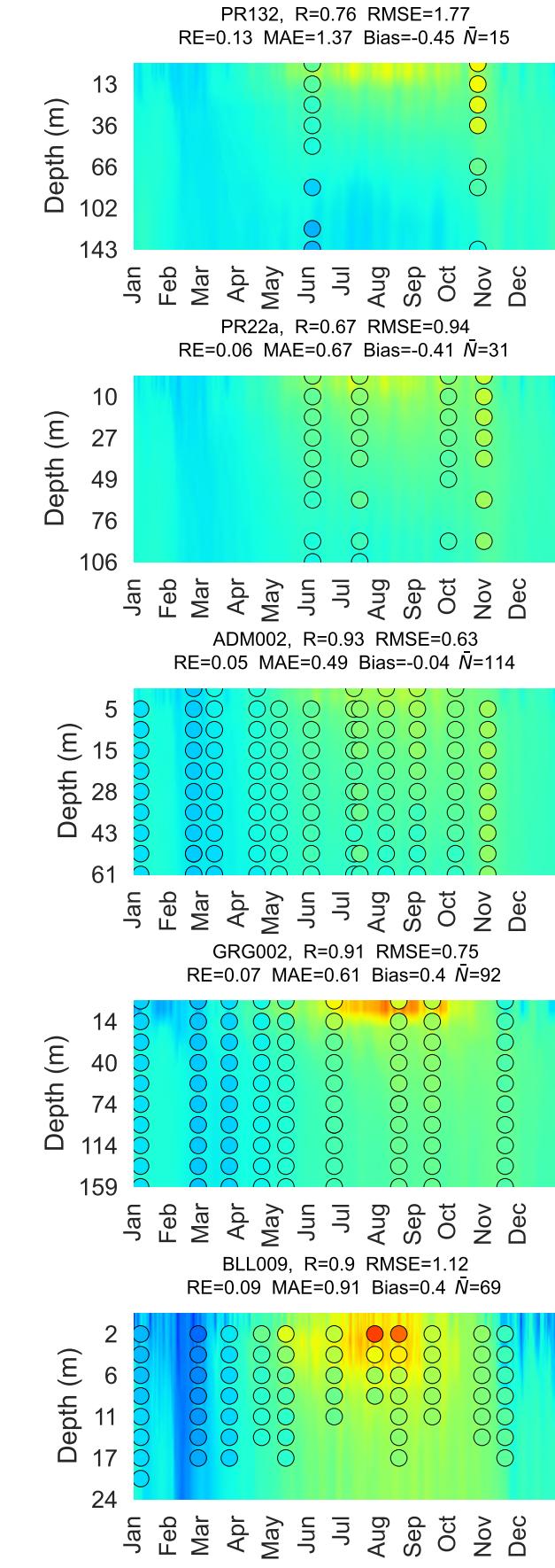
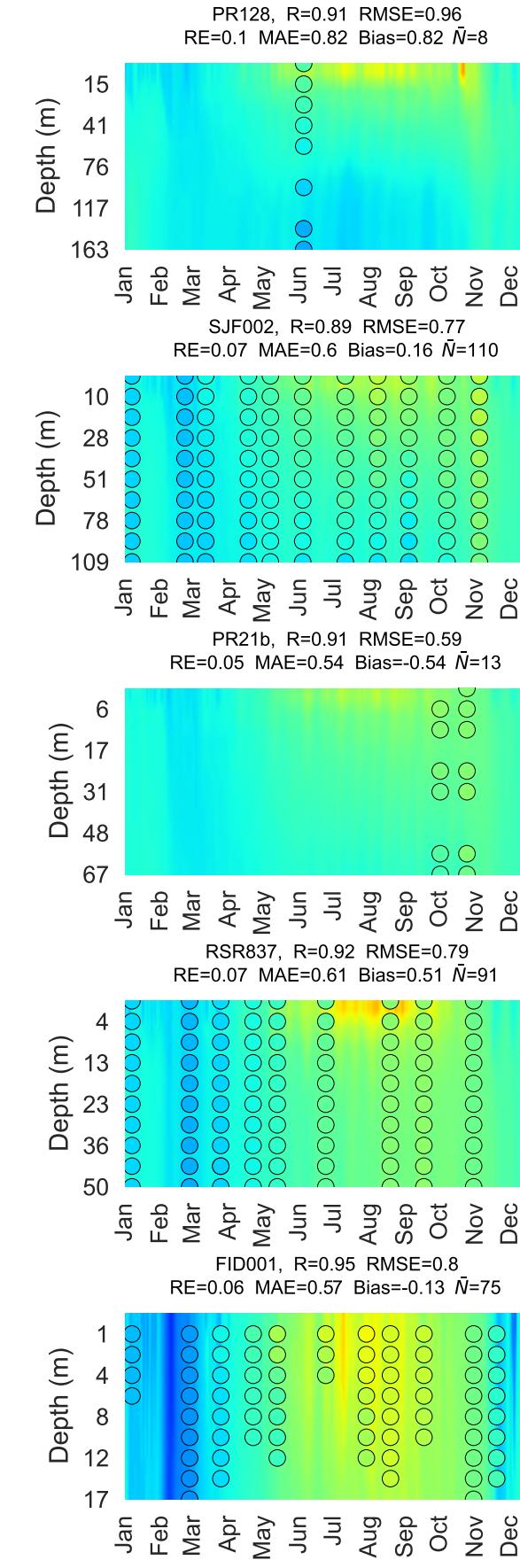
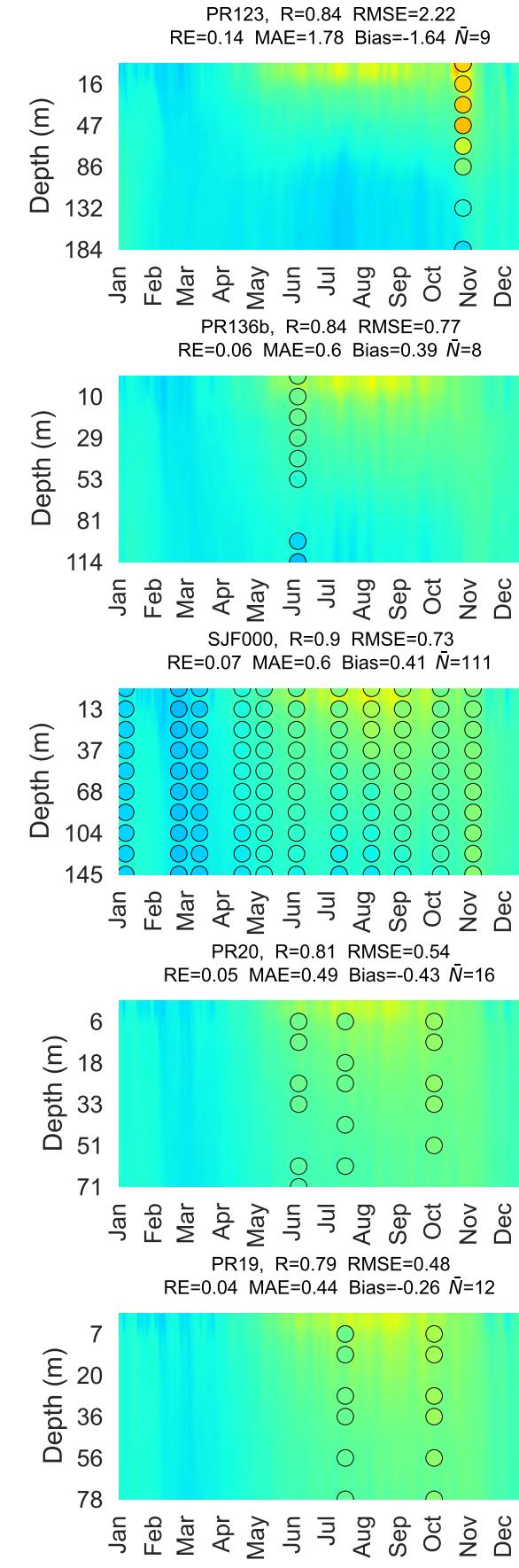
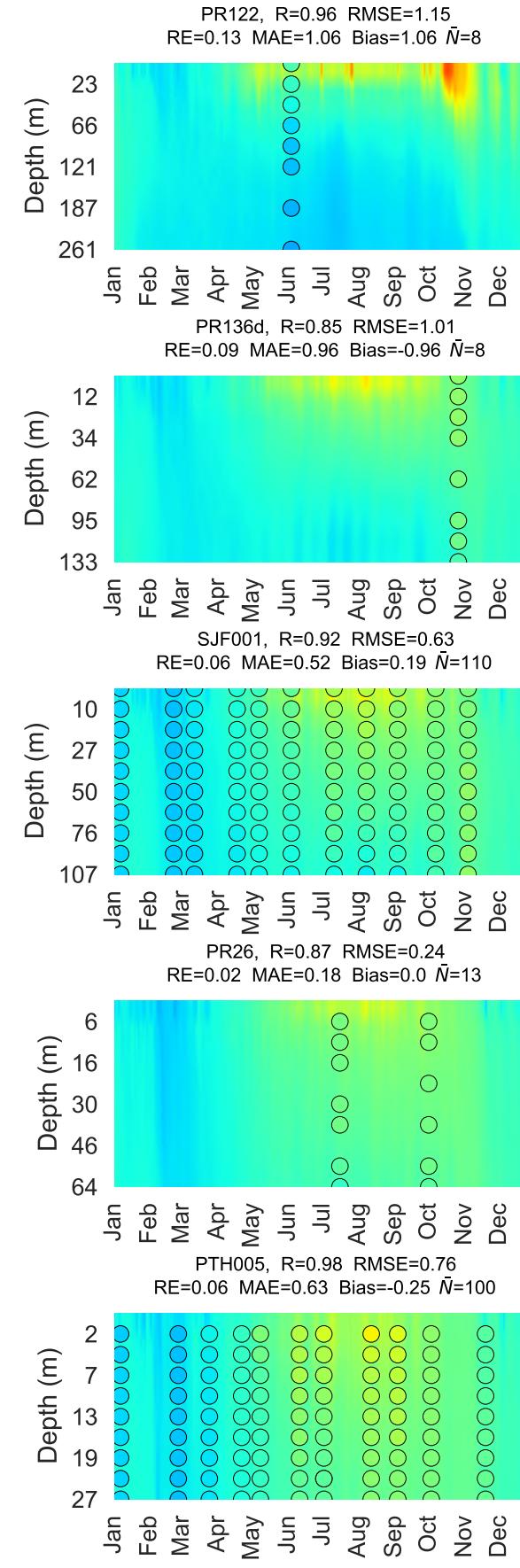
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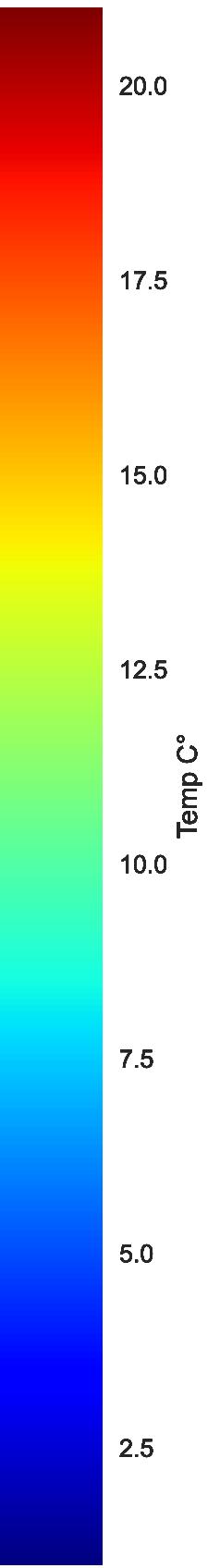
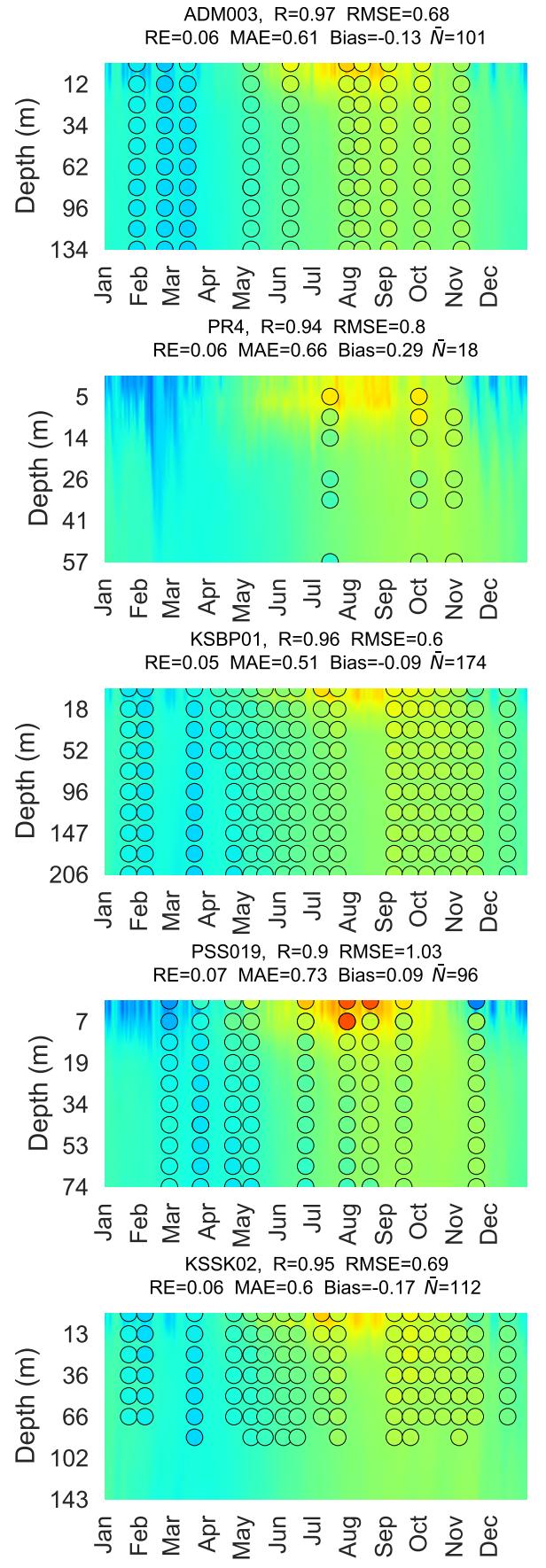
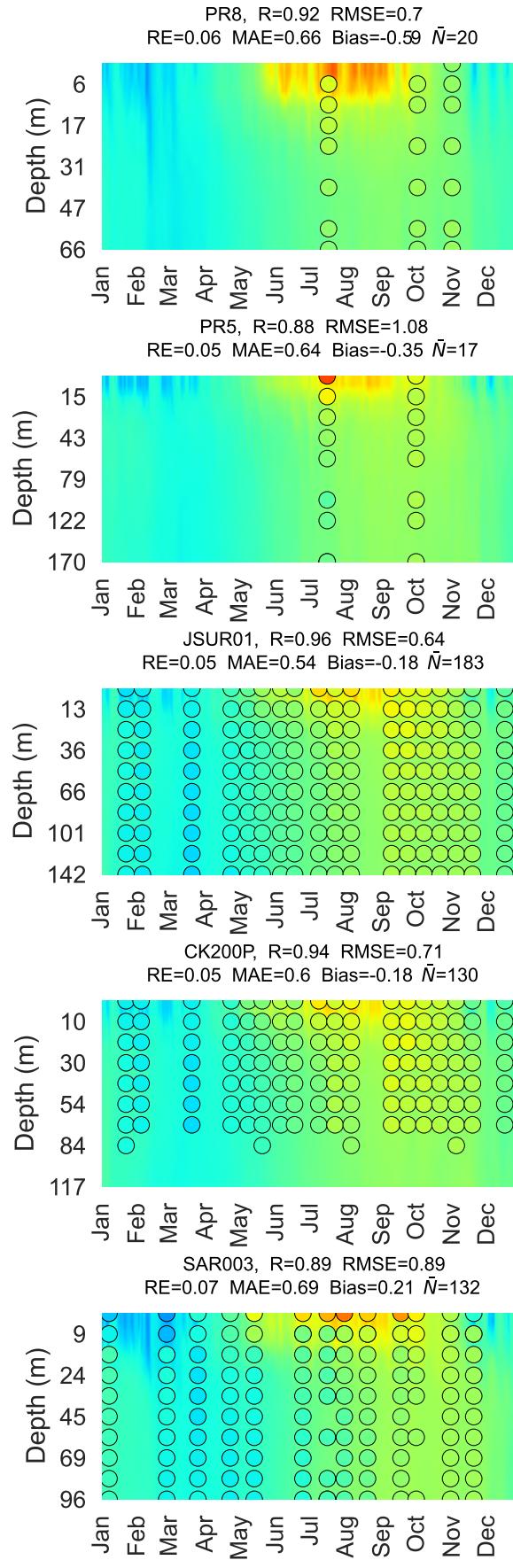
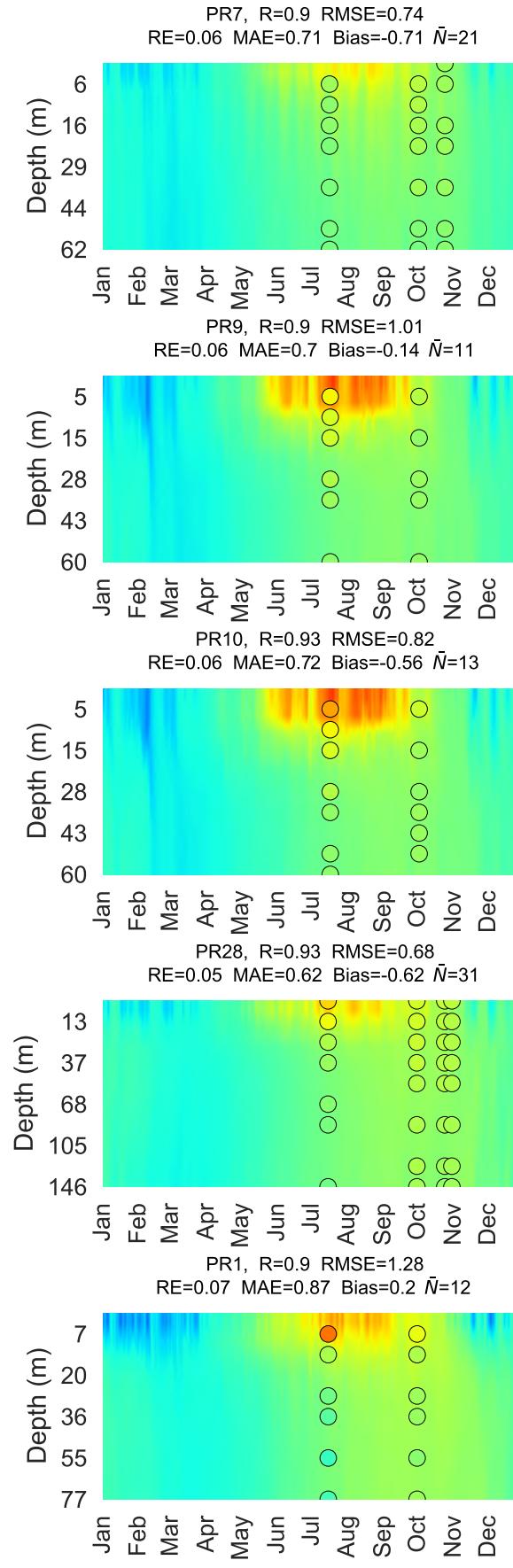
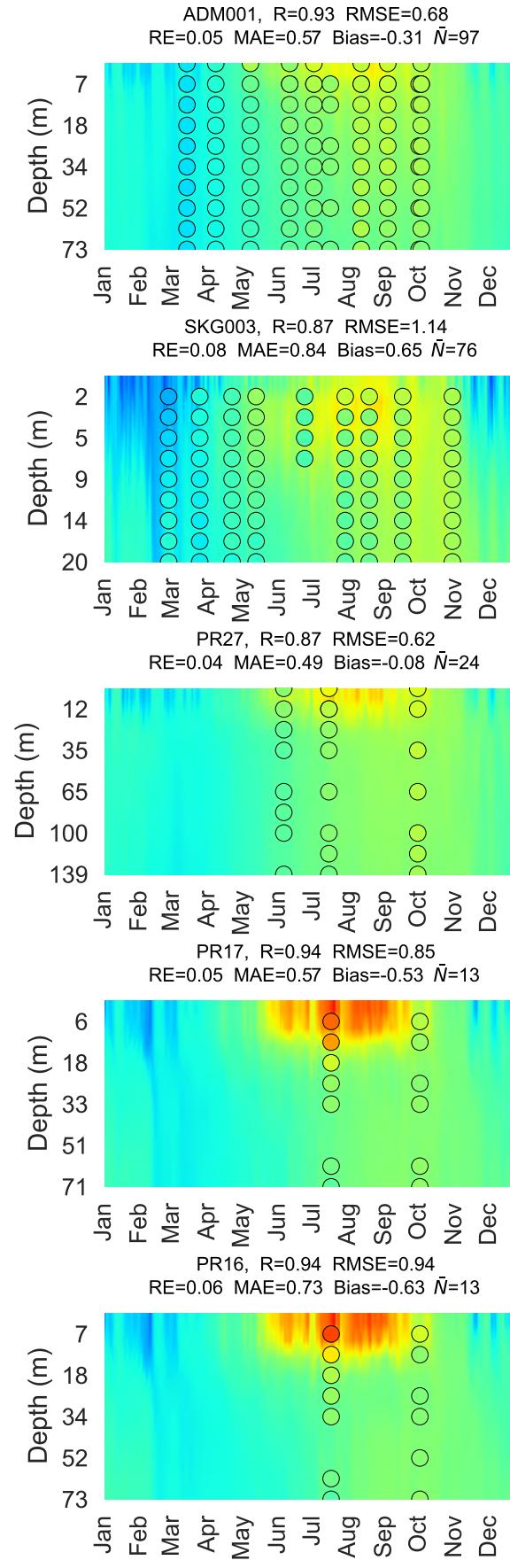
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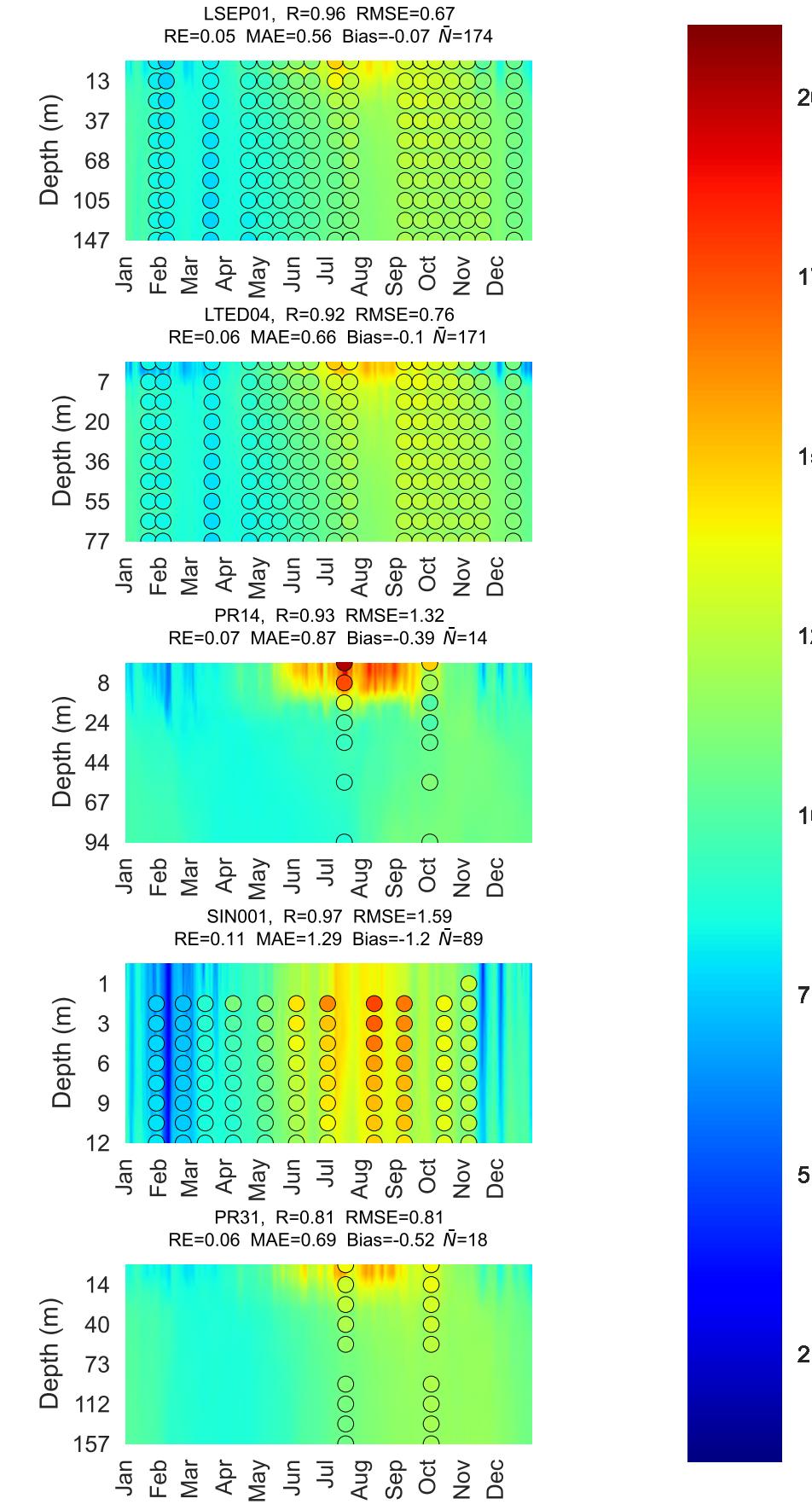
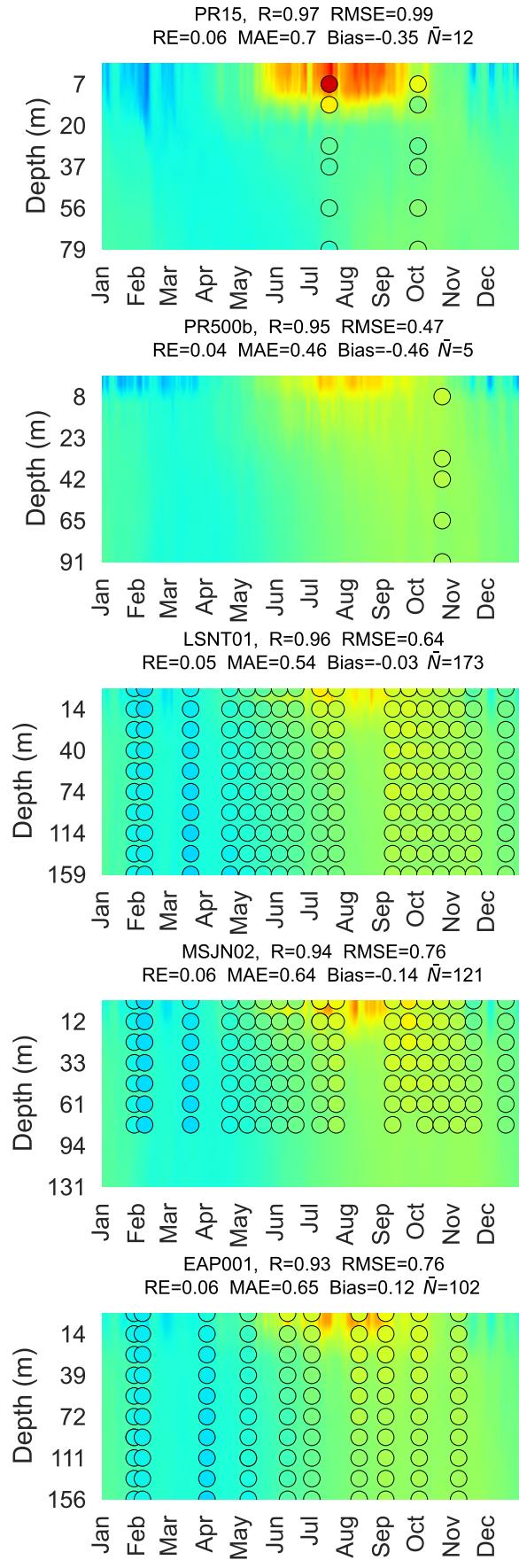
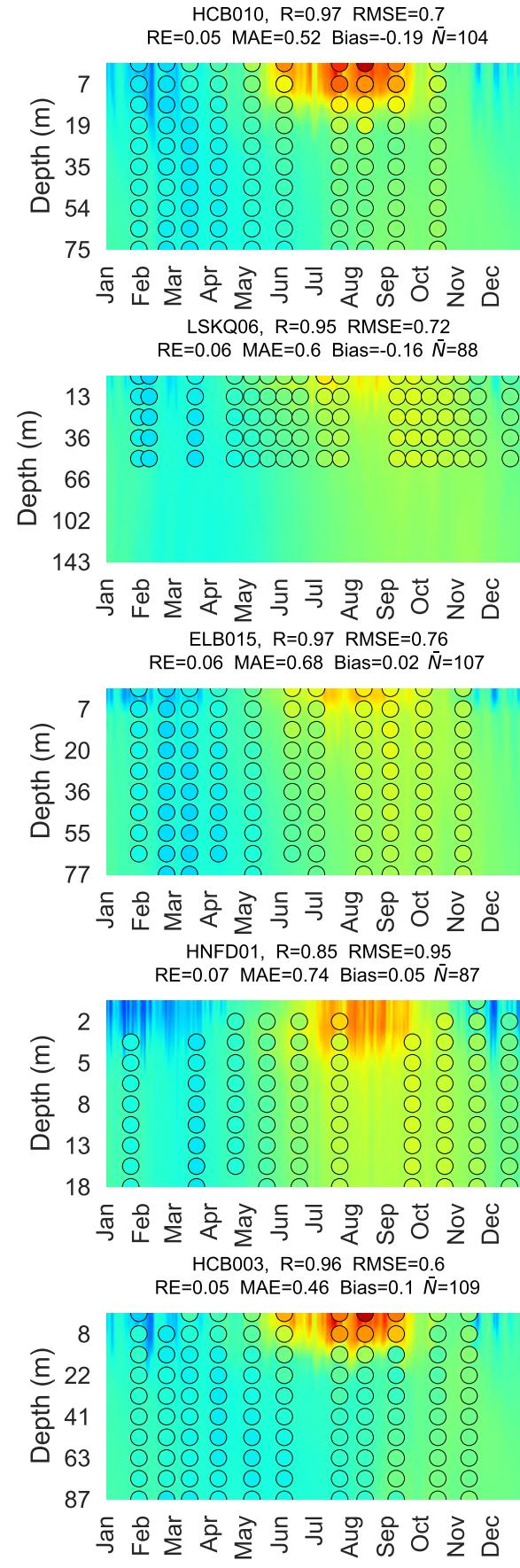
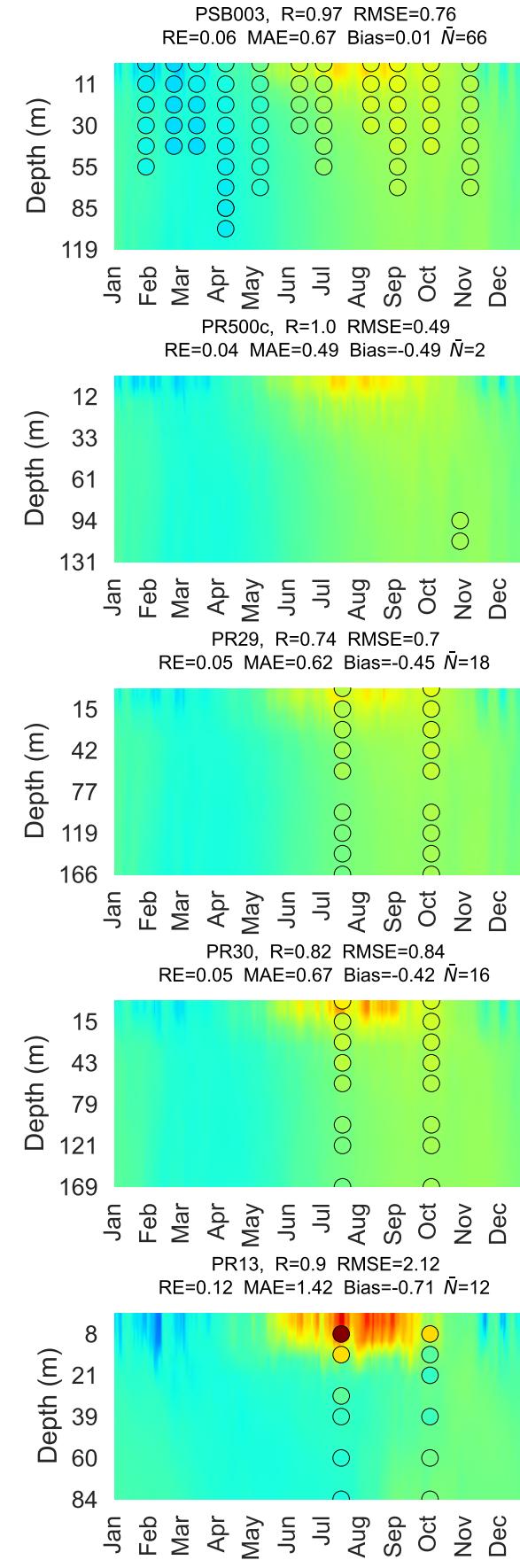
Water Quality Model Performance Plots for 2014

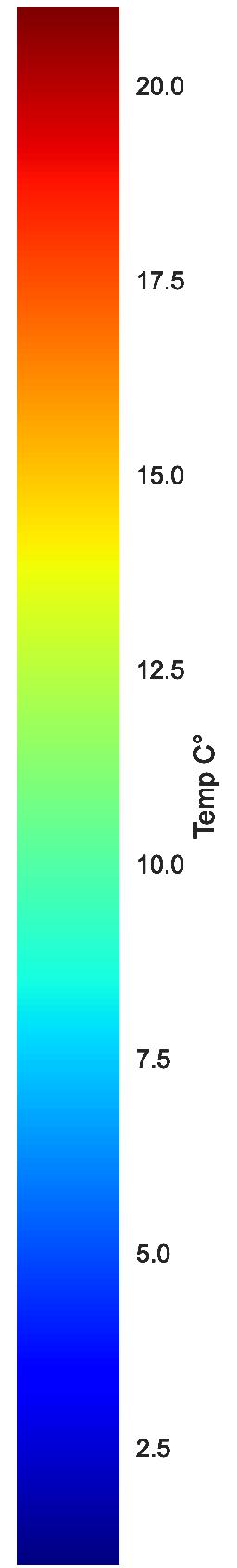
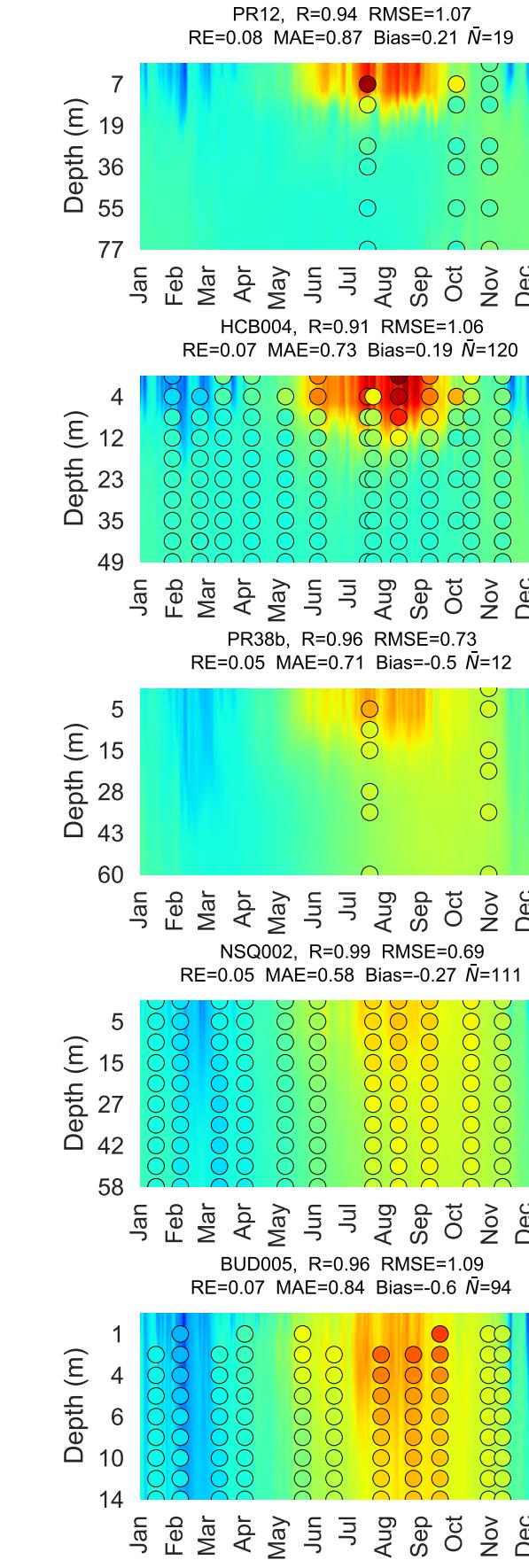
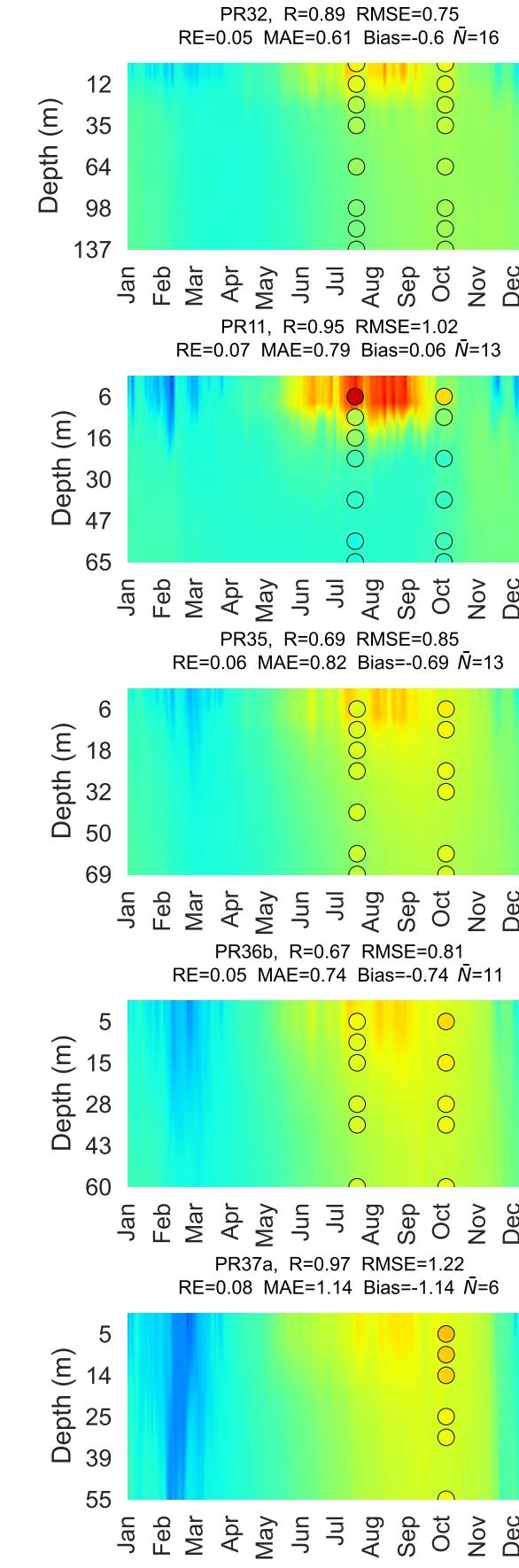
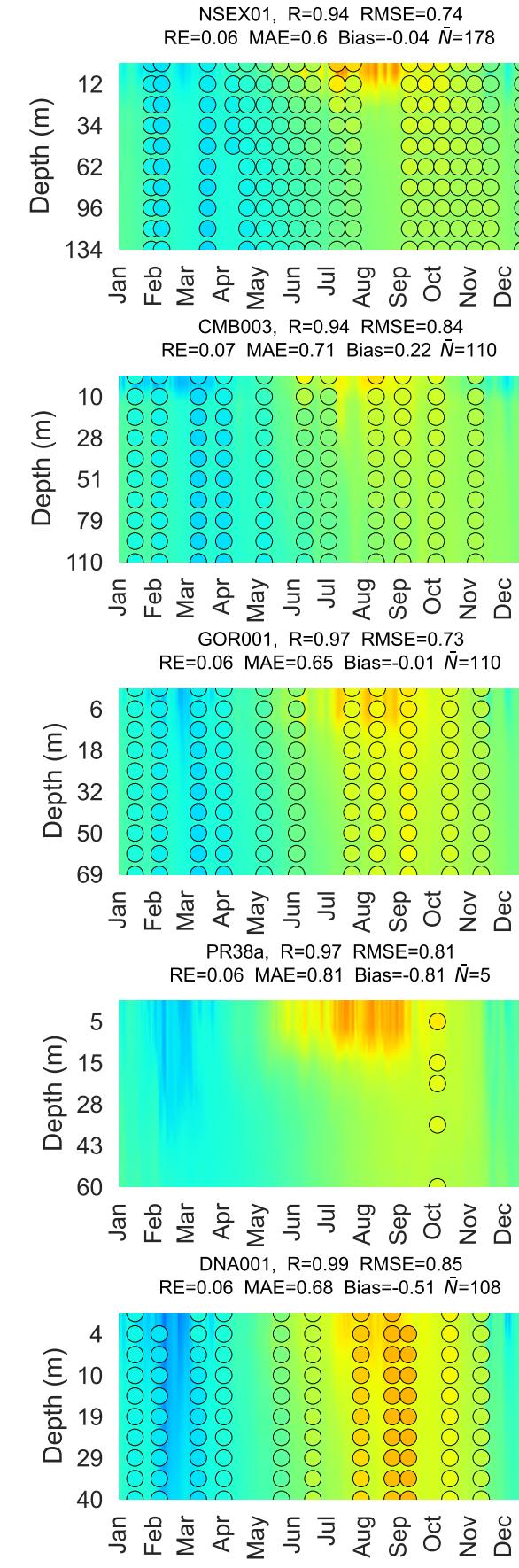
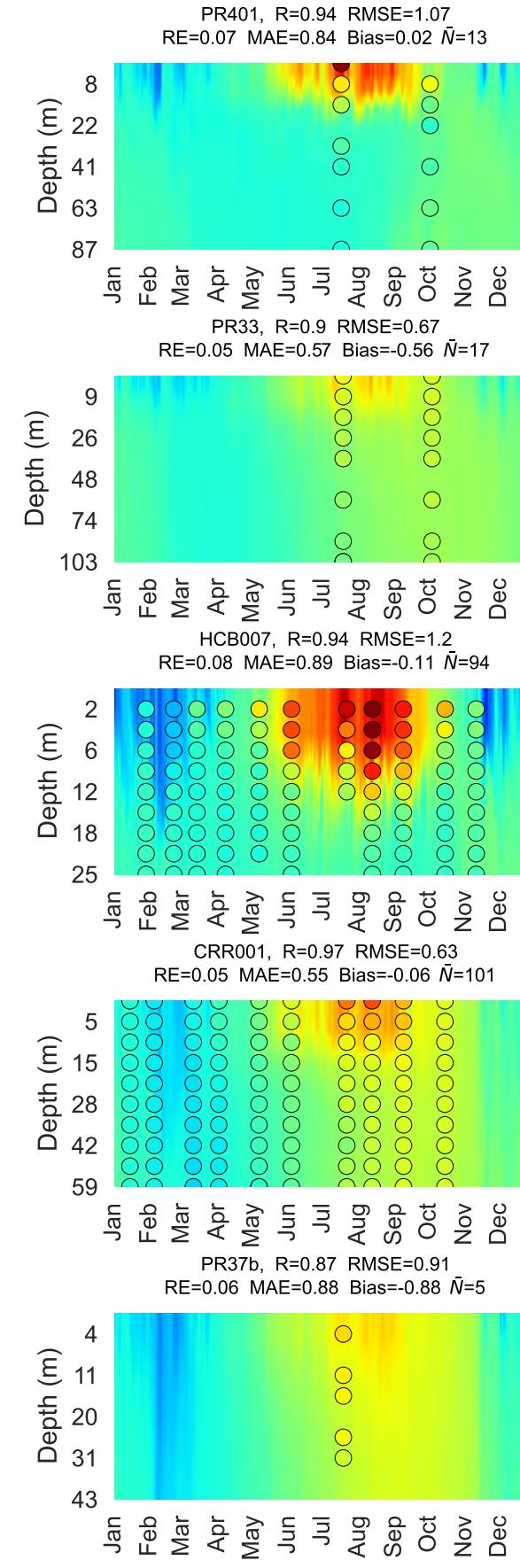
Note: The scales for time series and time-depth plots are based on the maximum for a given station (model or observed).

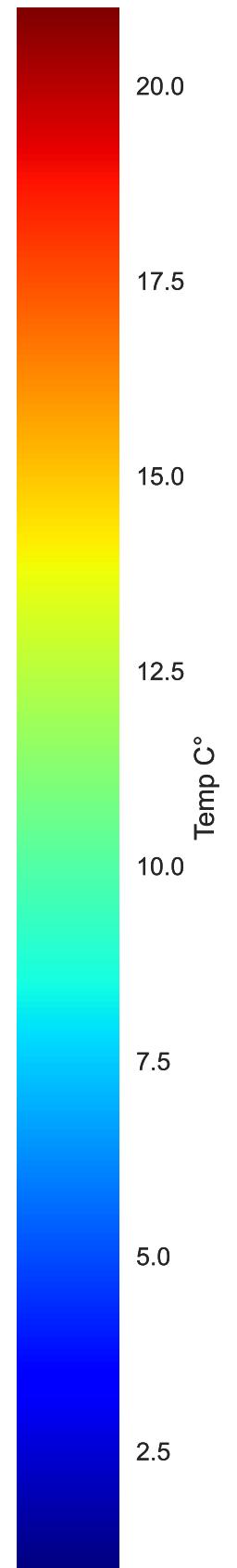
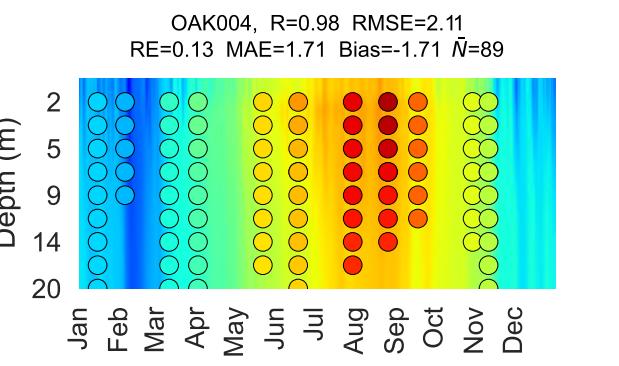
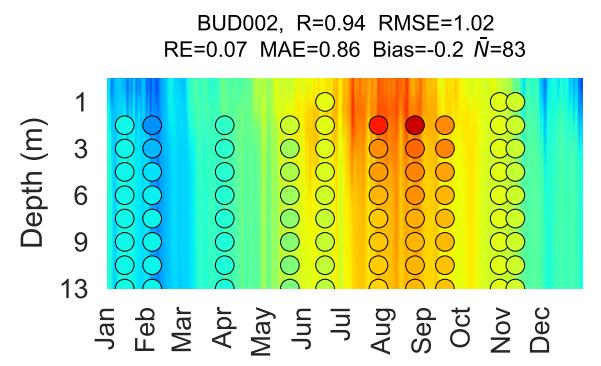


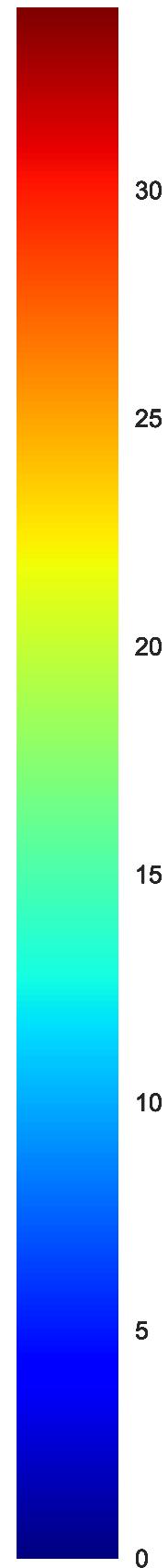
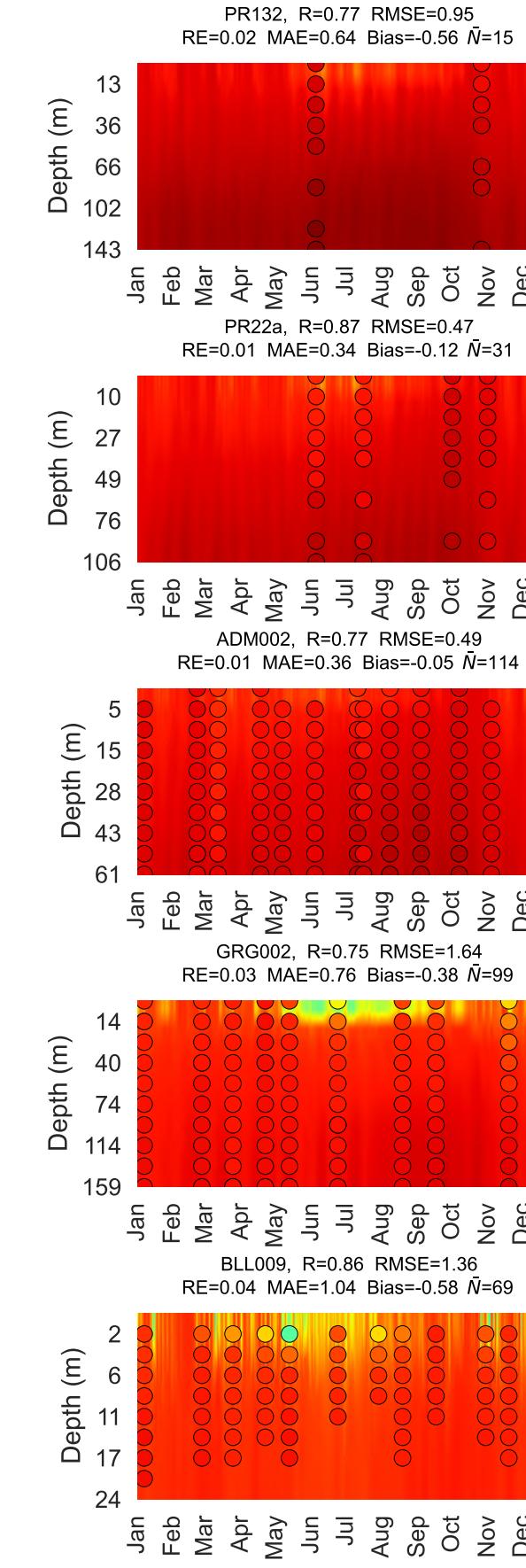
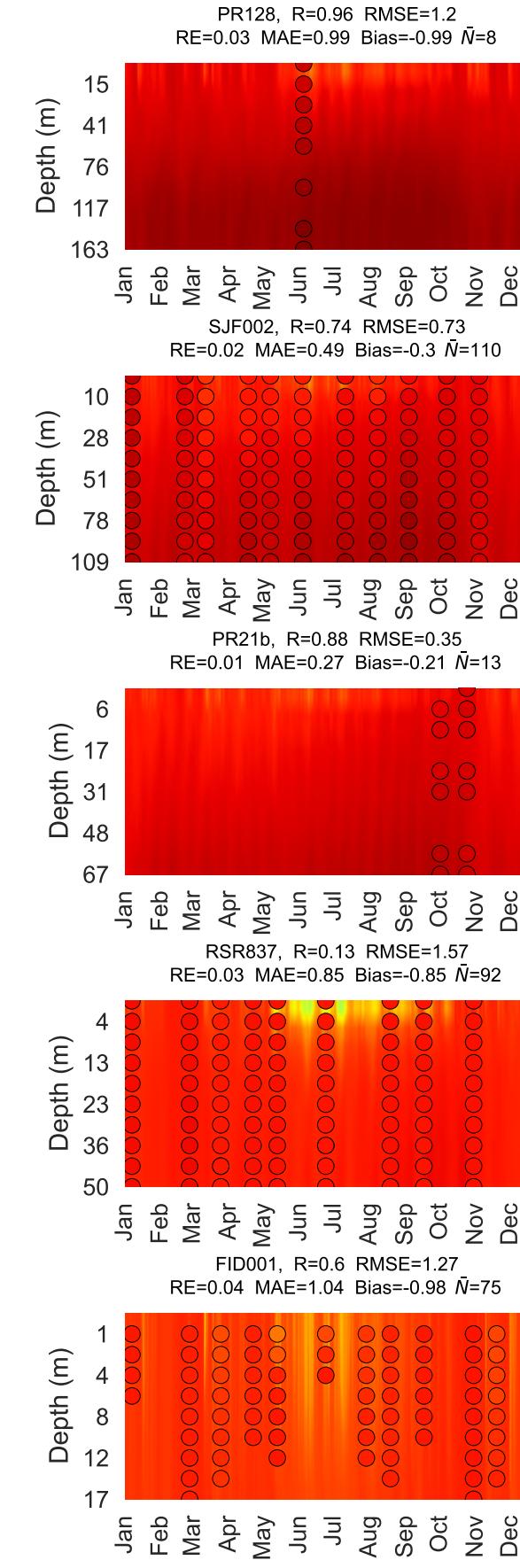
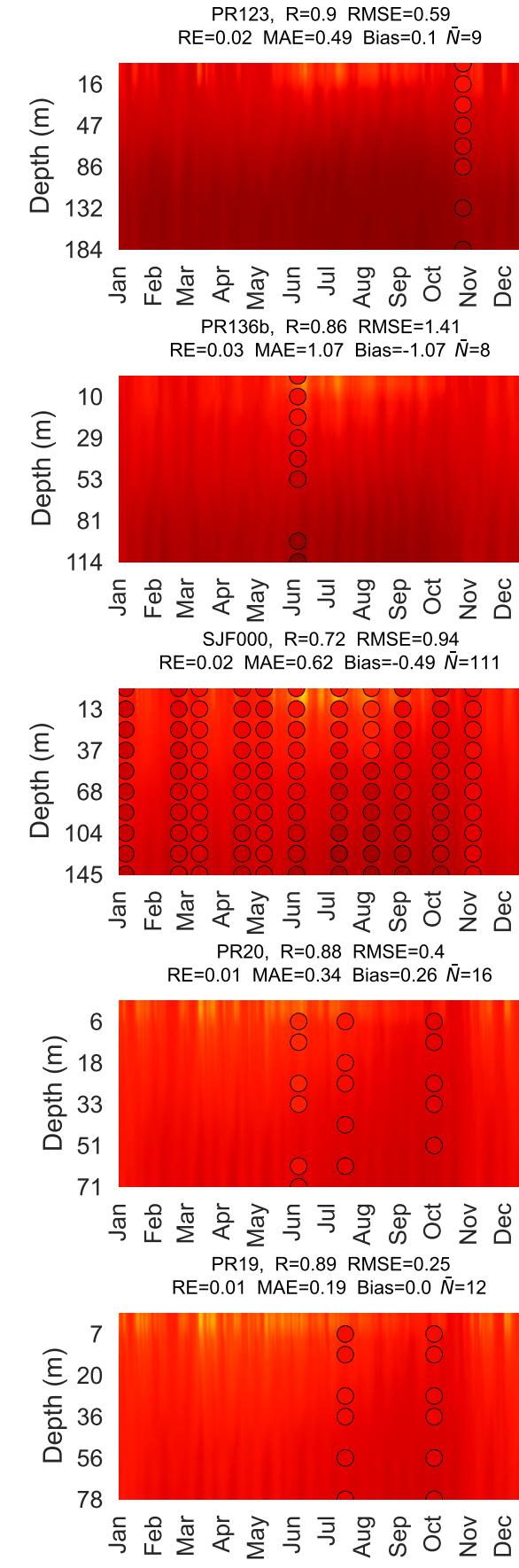
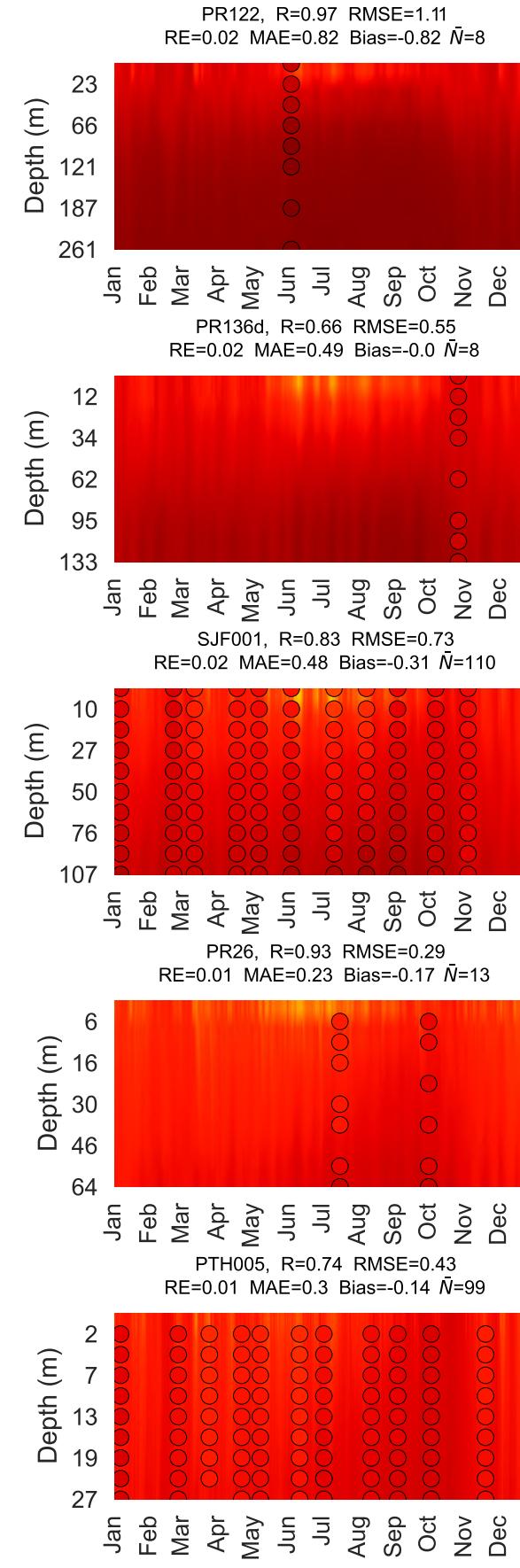


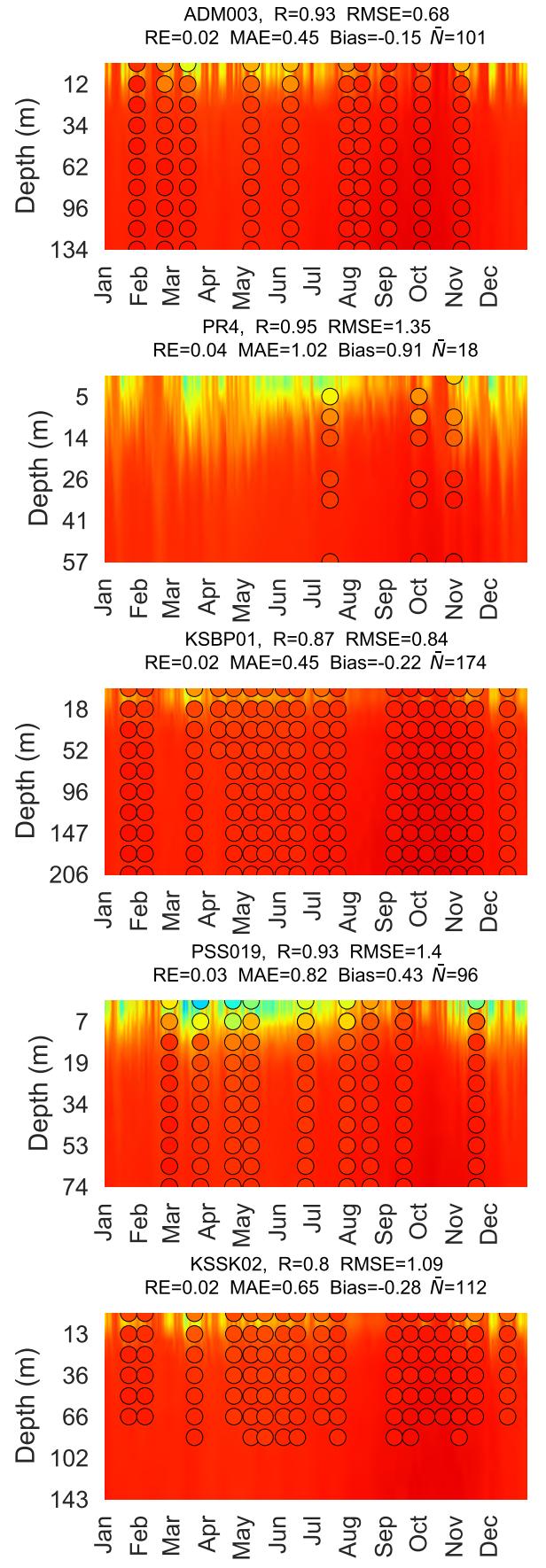
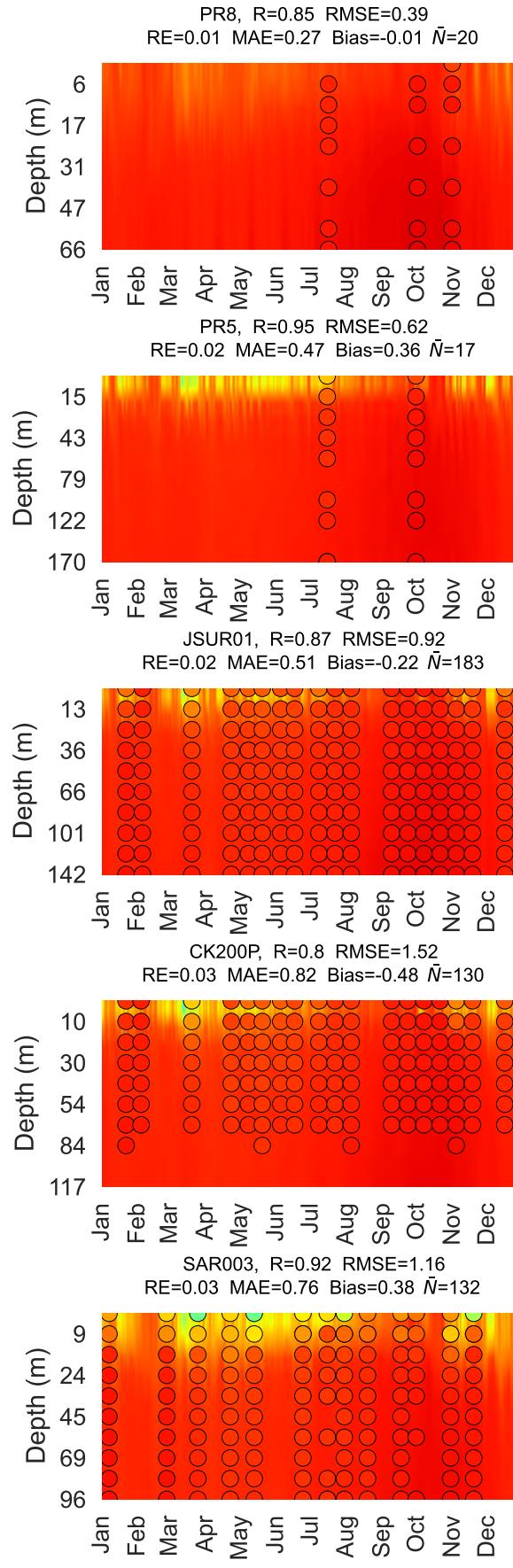
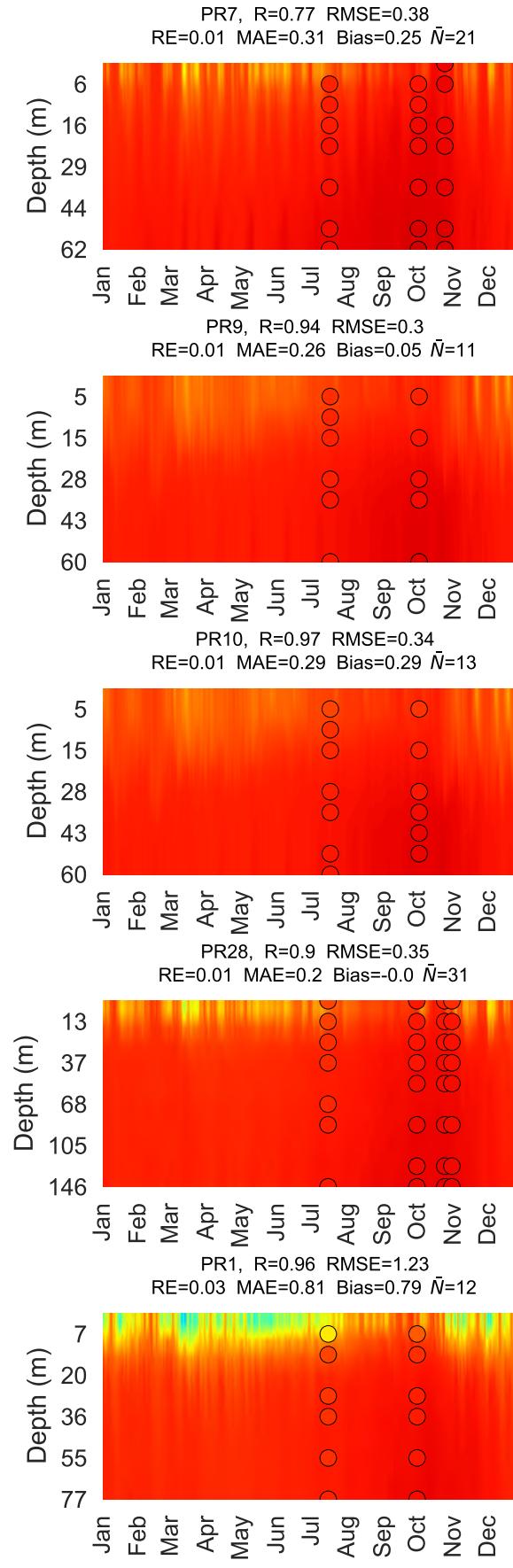
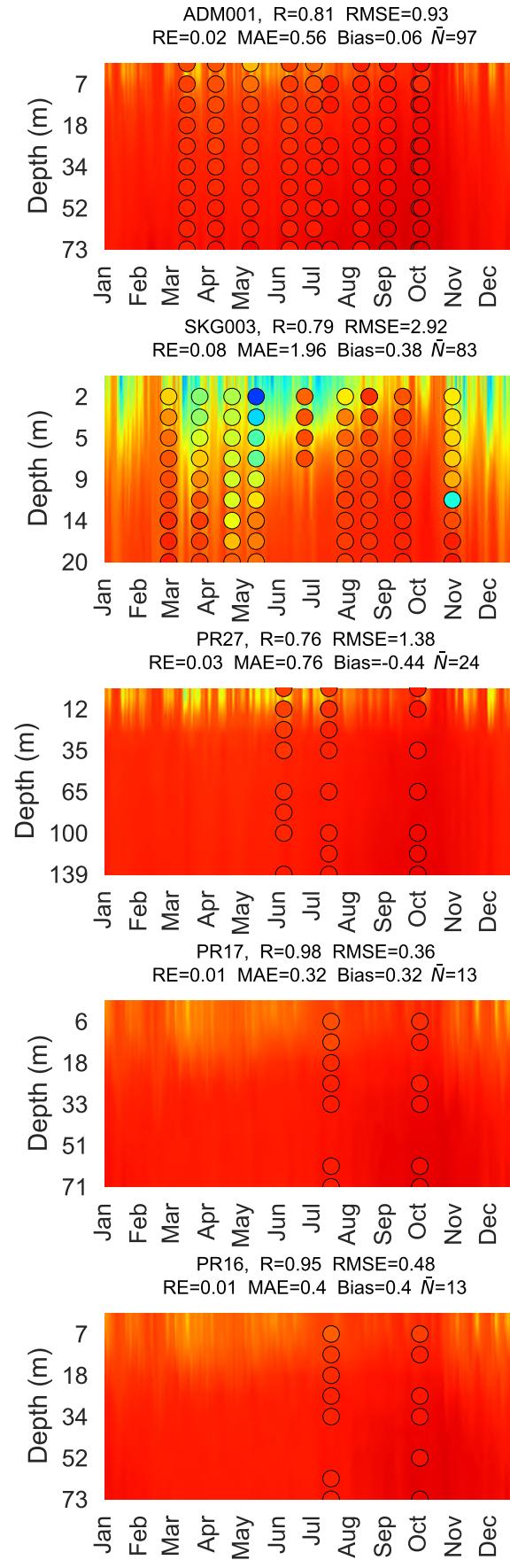


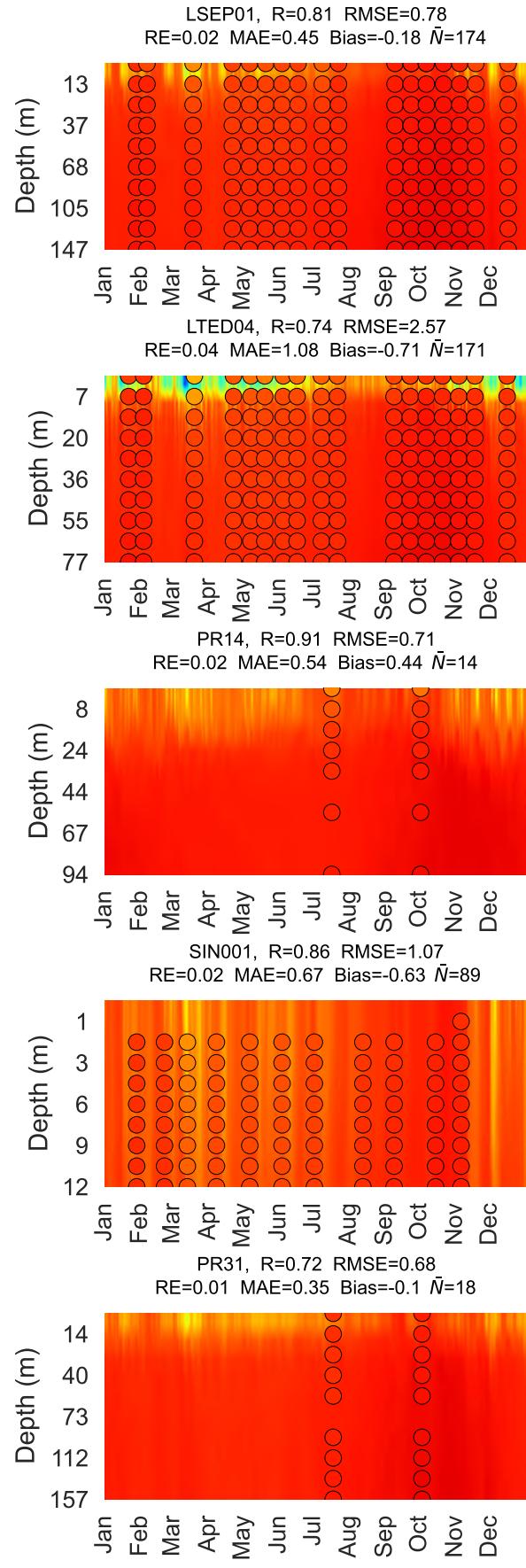
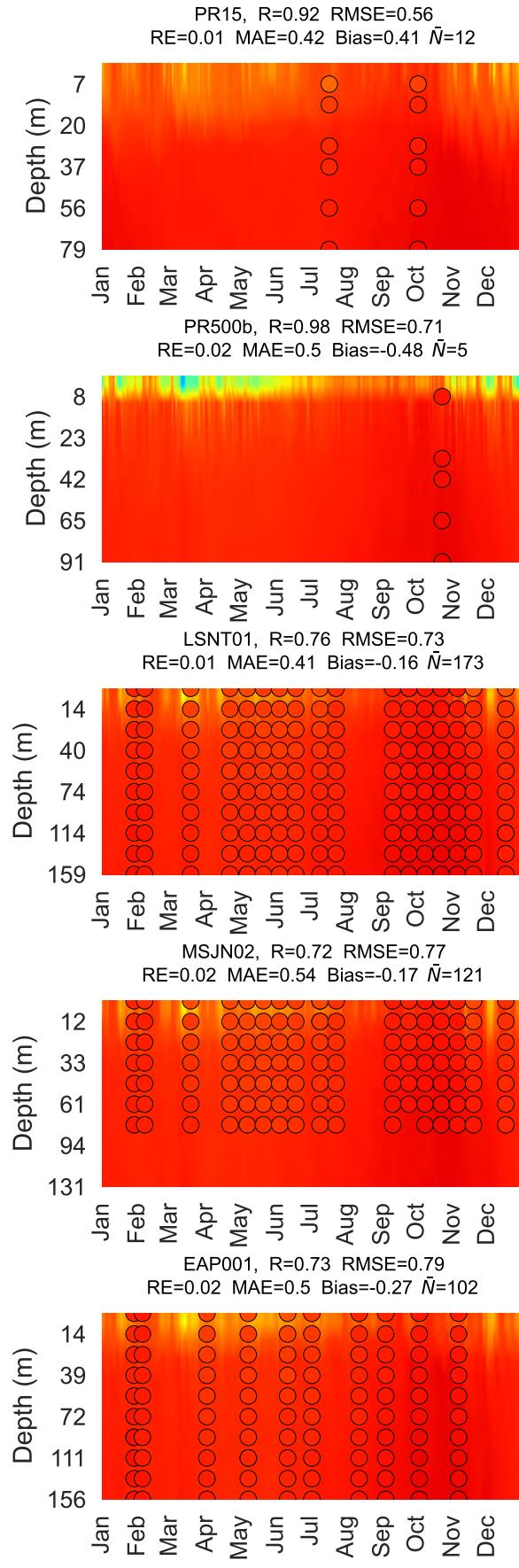
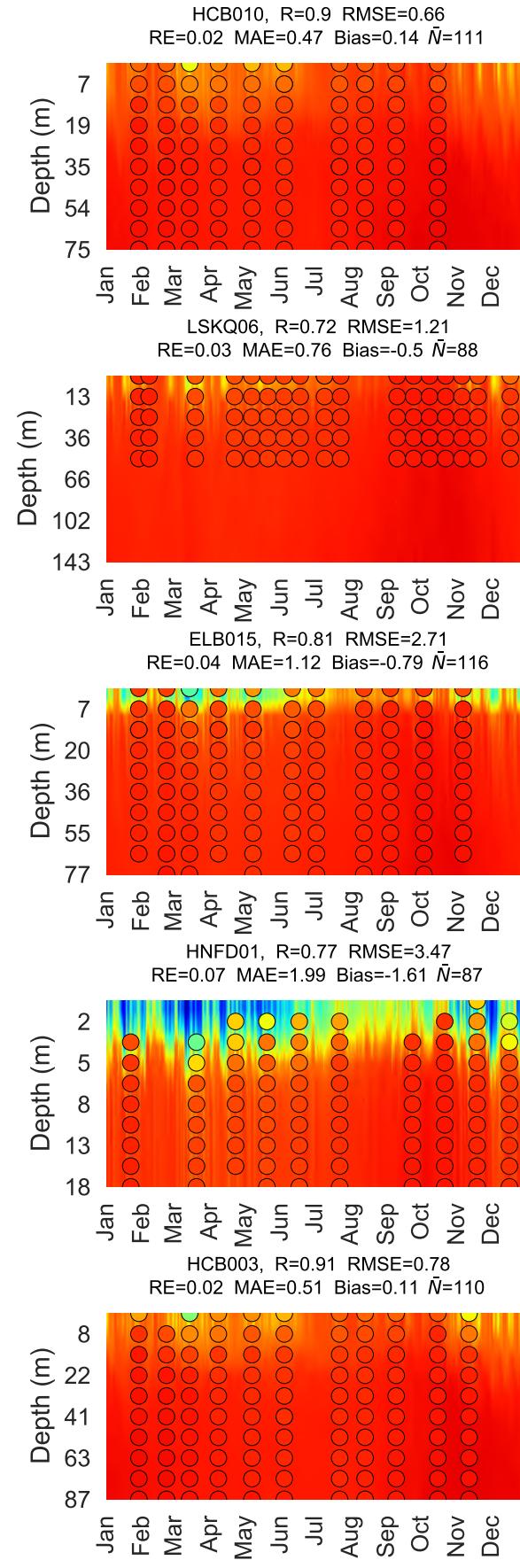
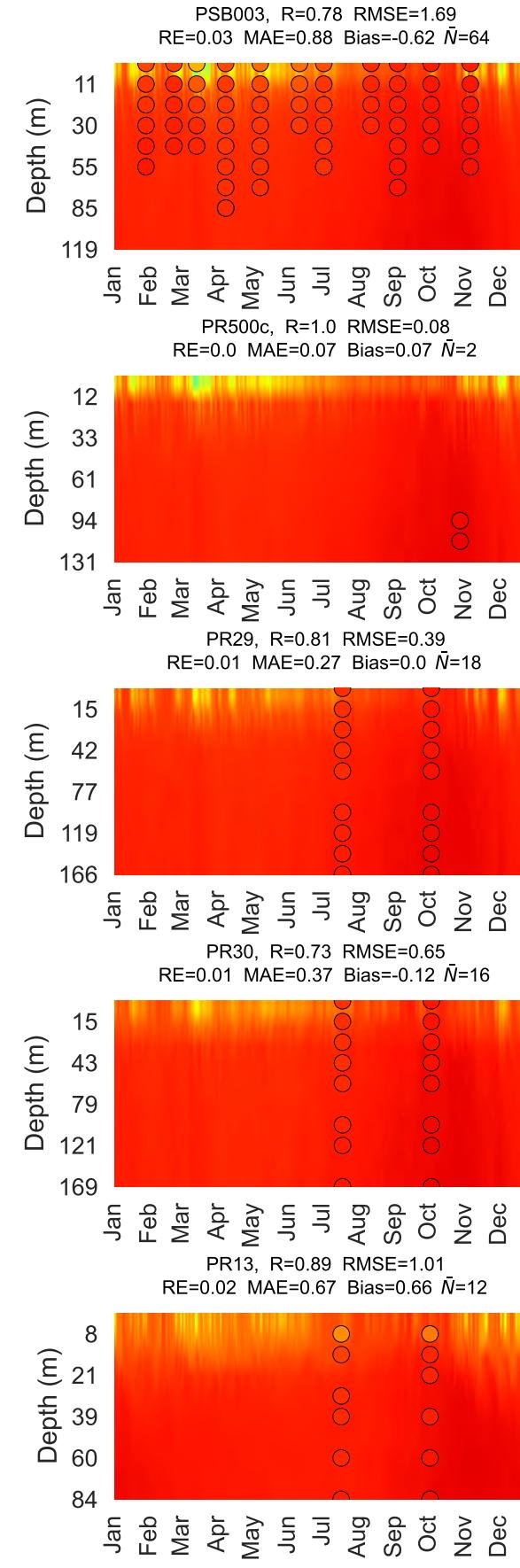


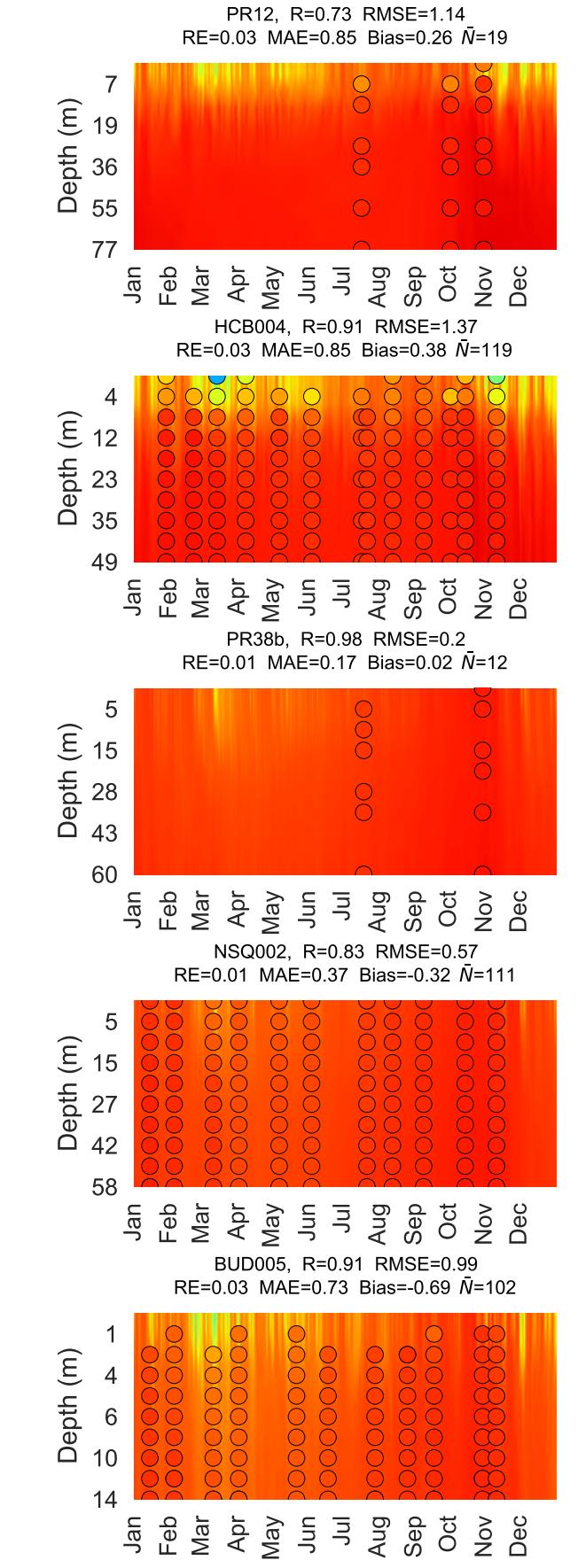
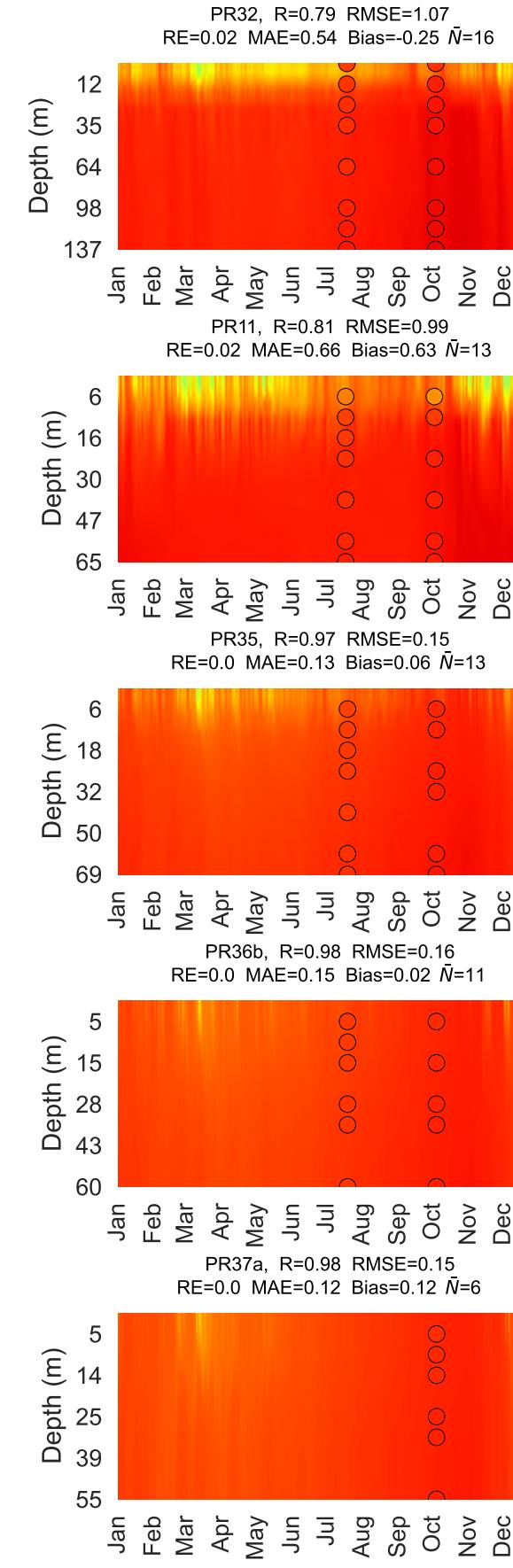
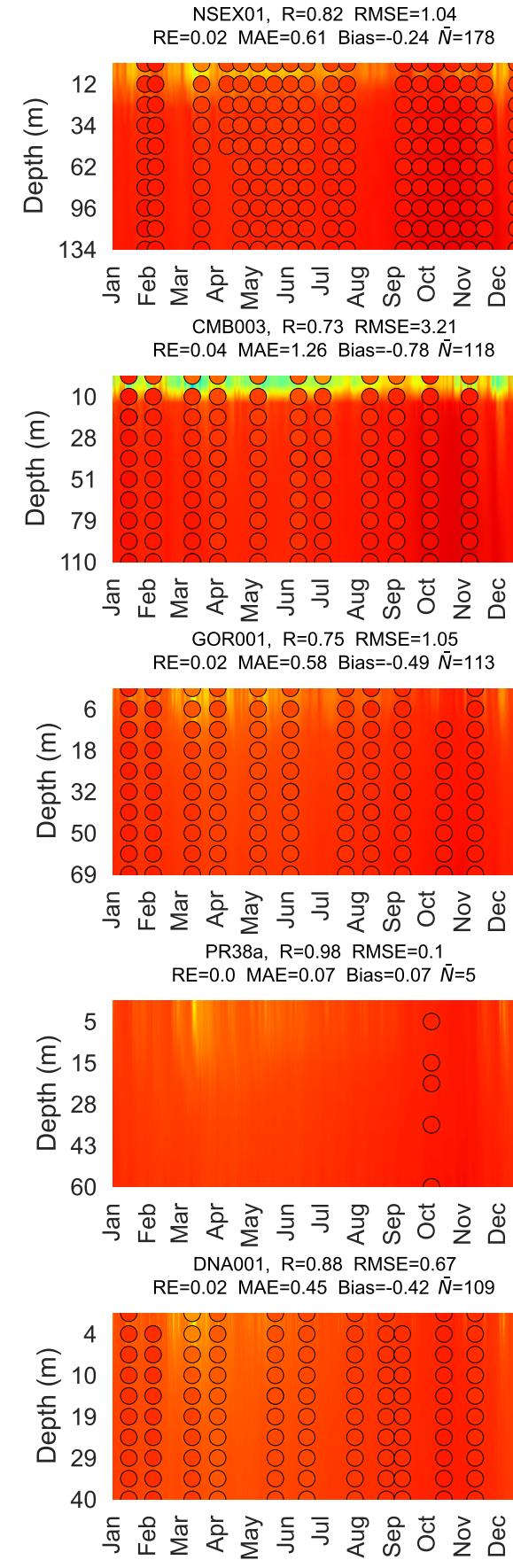
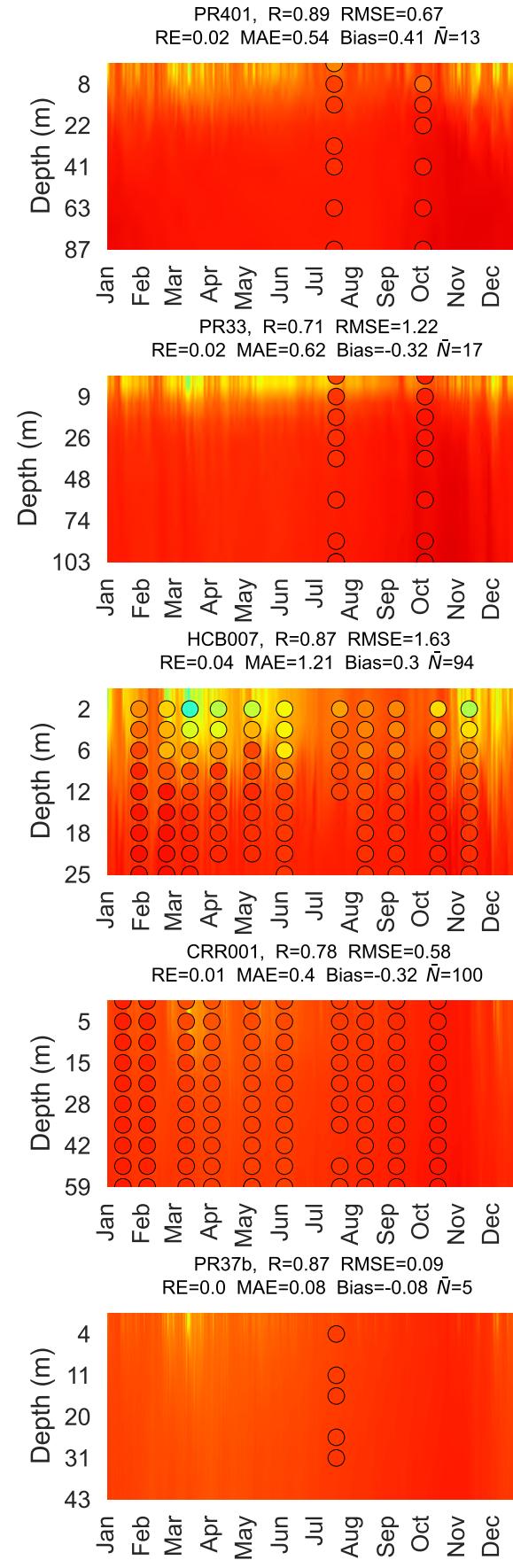


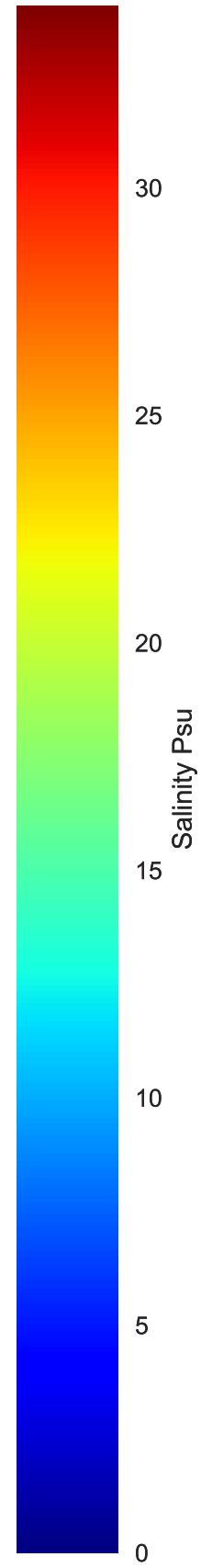
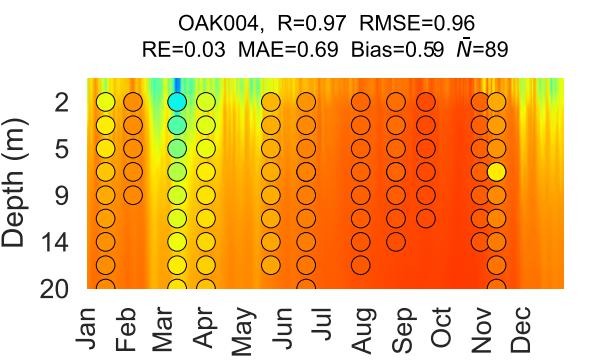
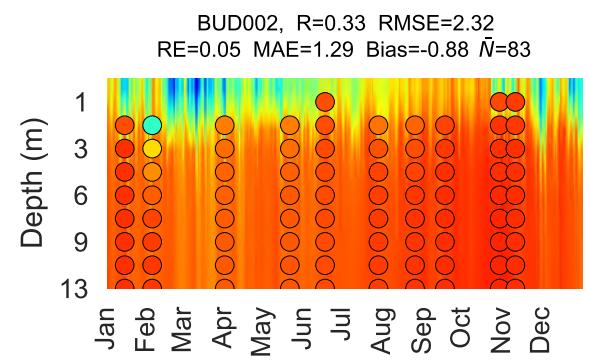


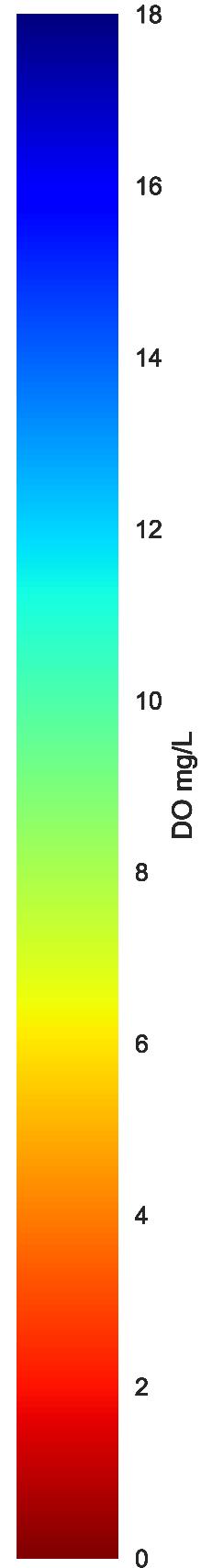
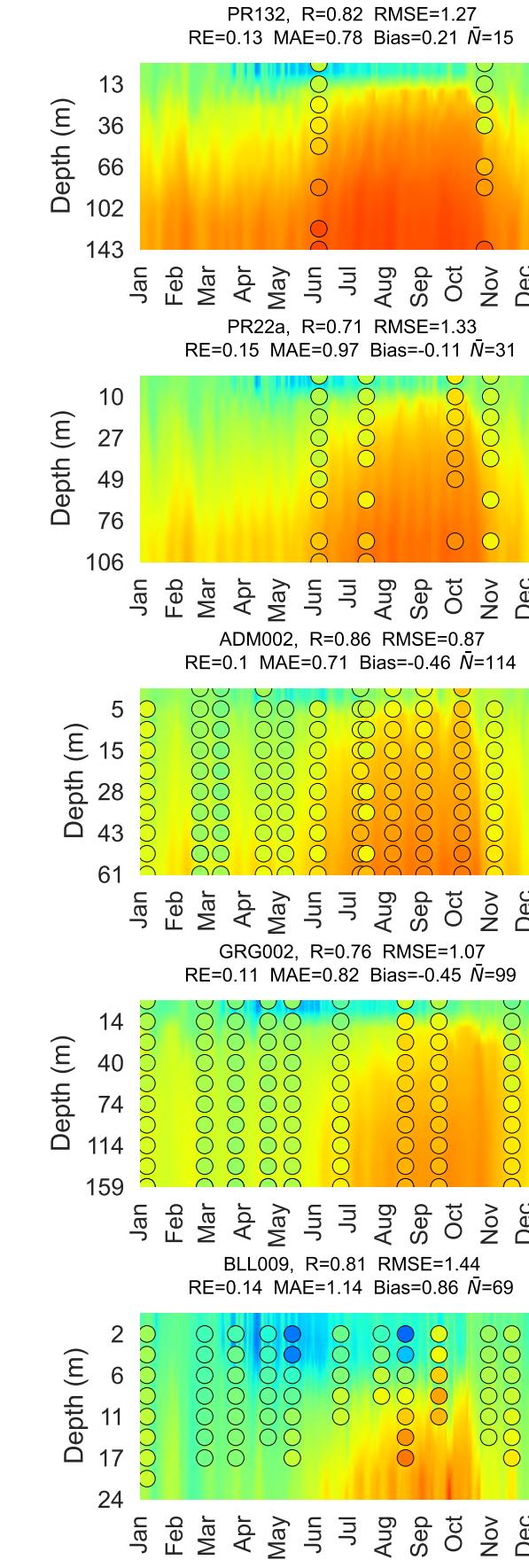
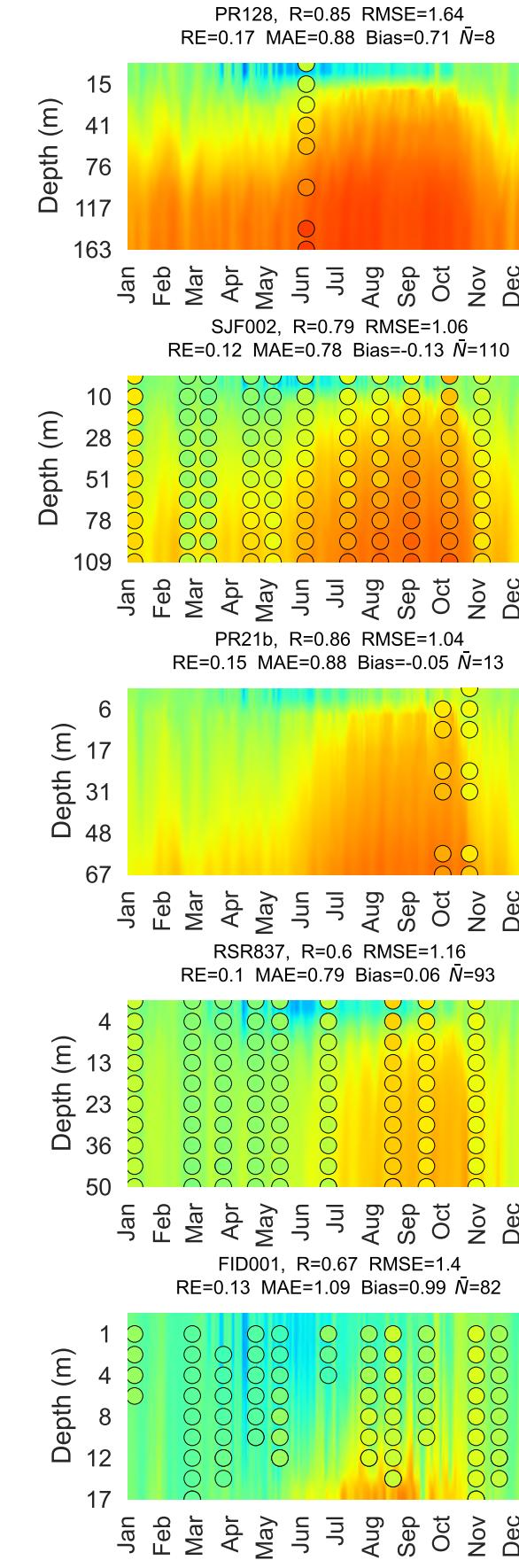
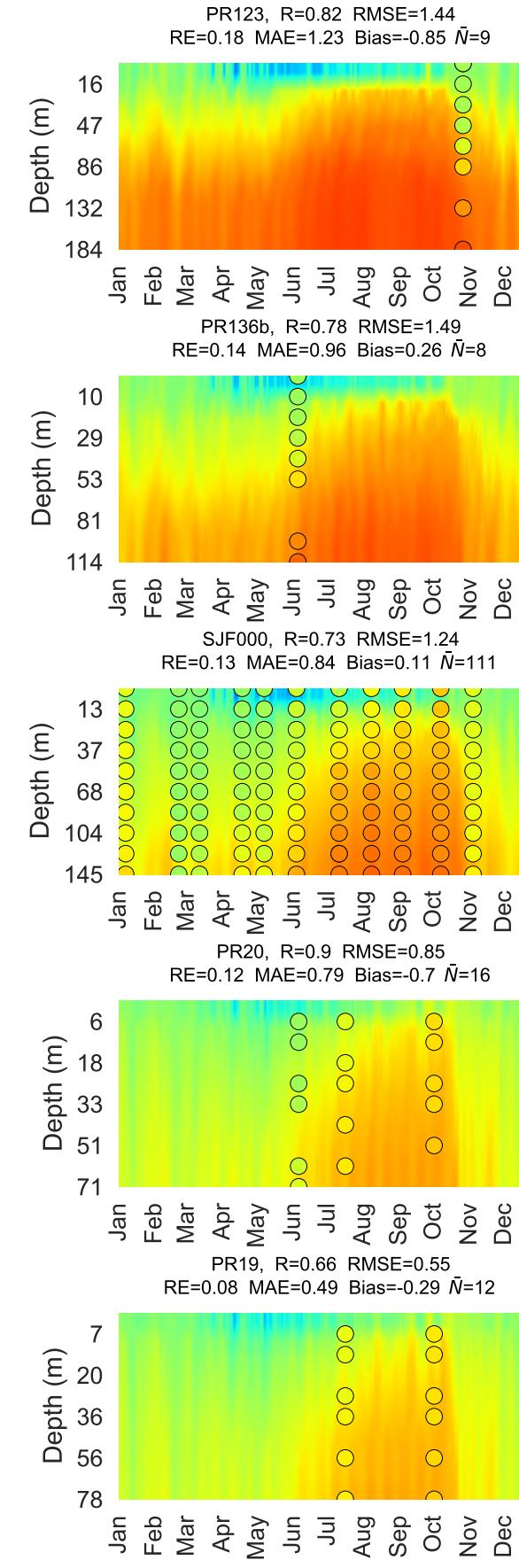
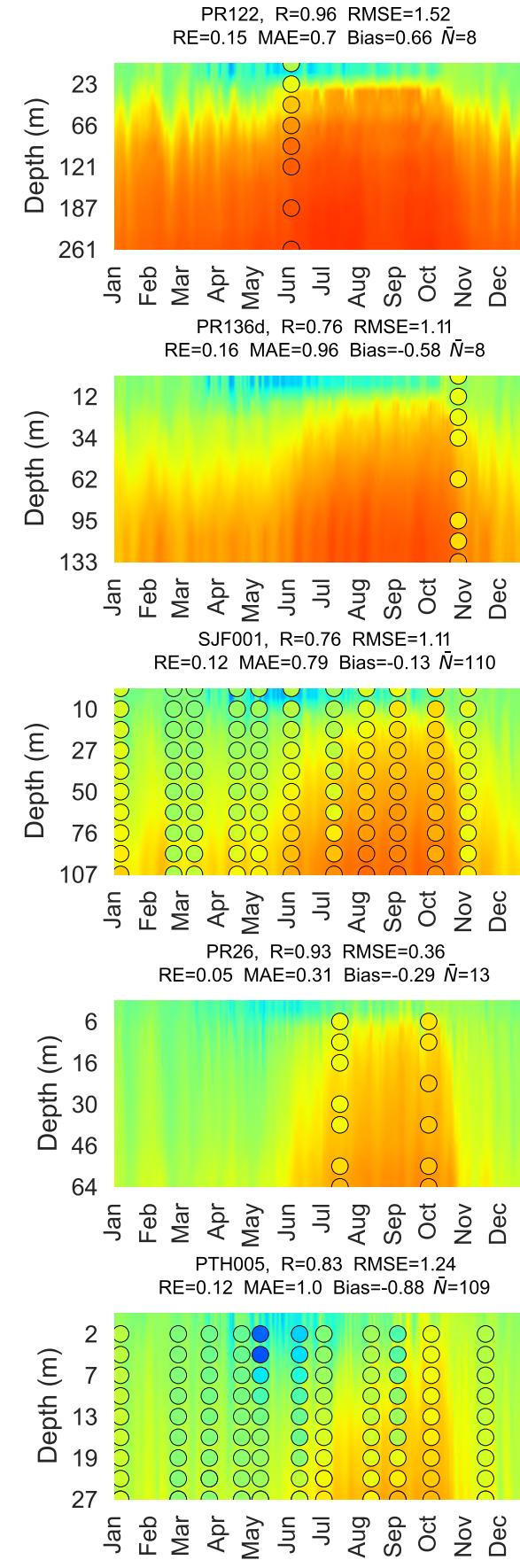


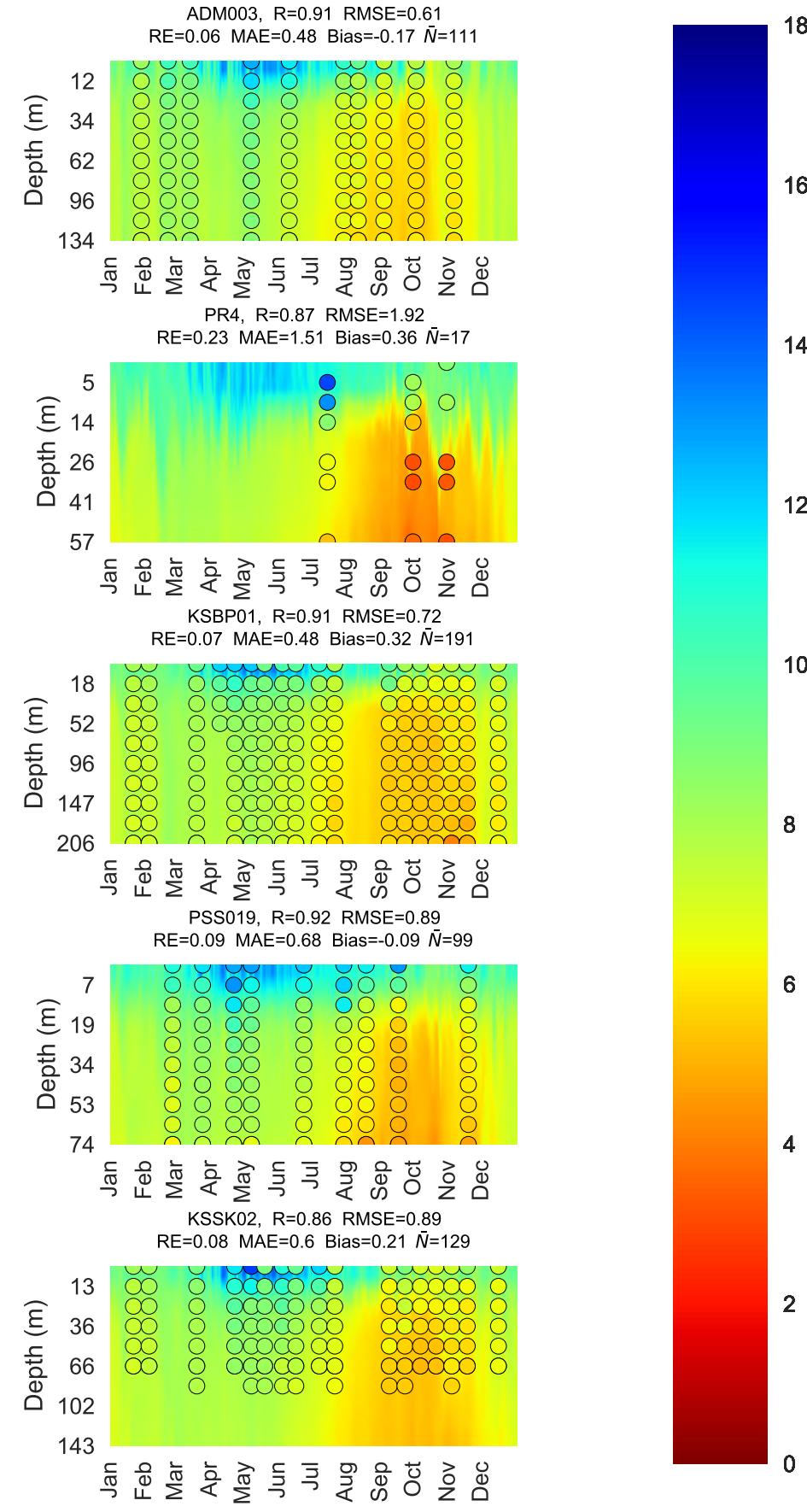
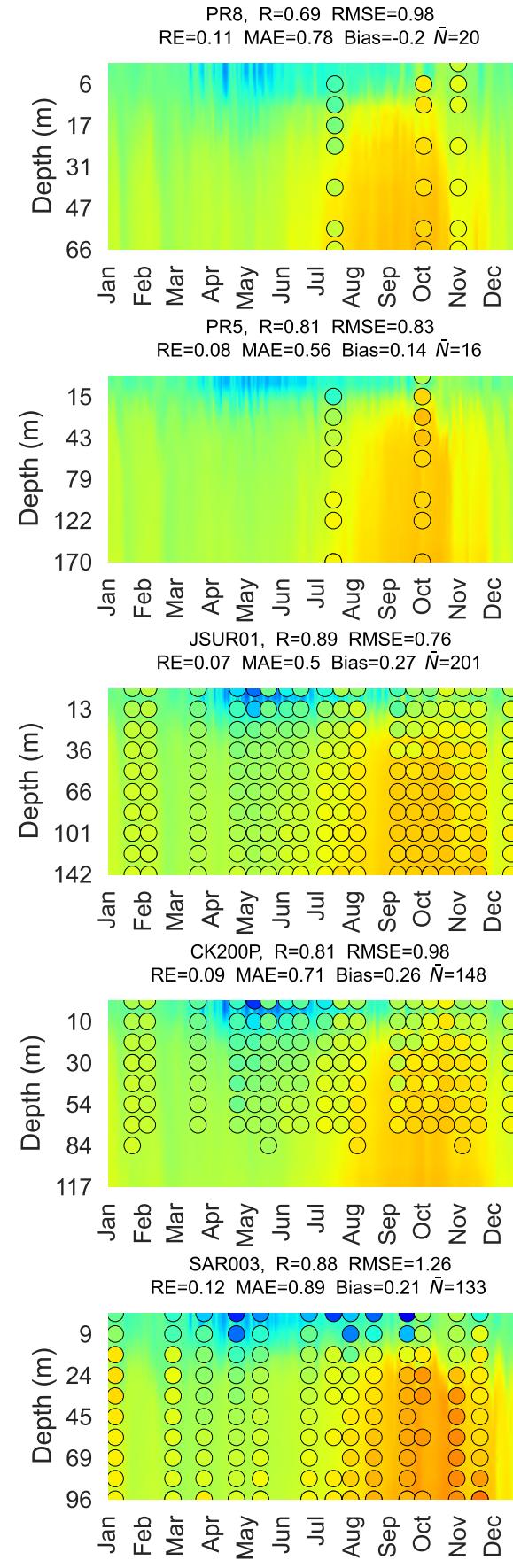
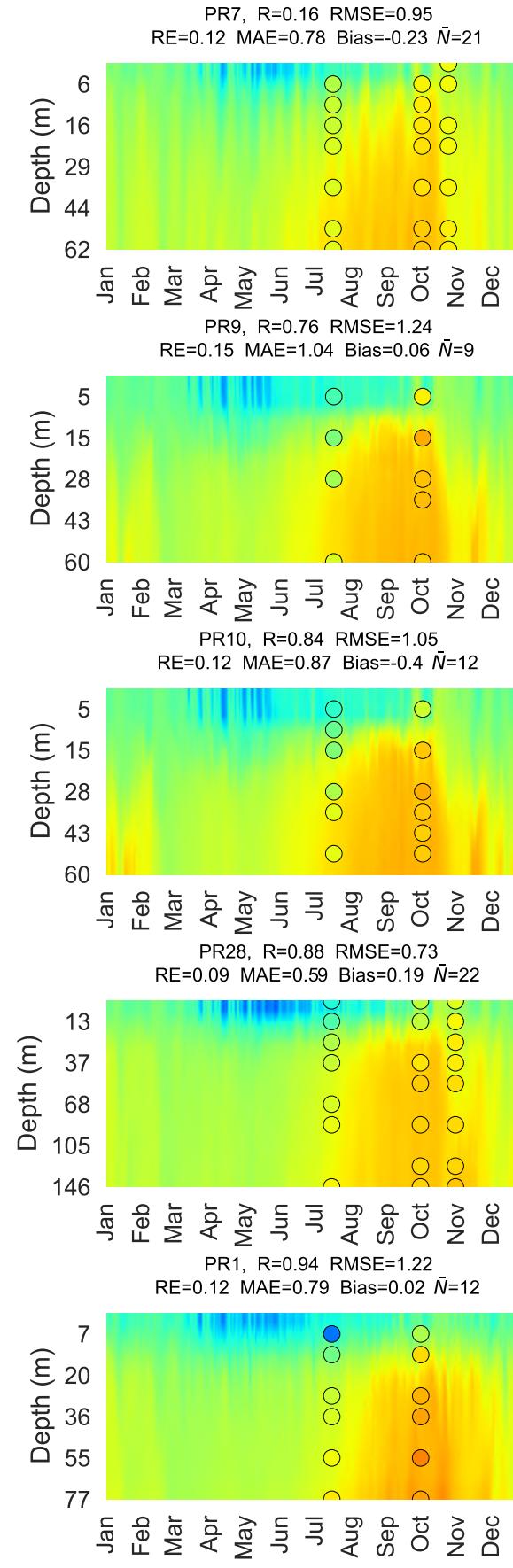
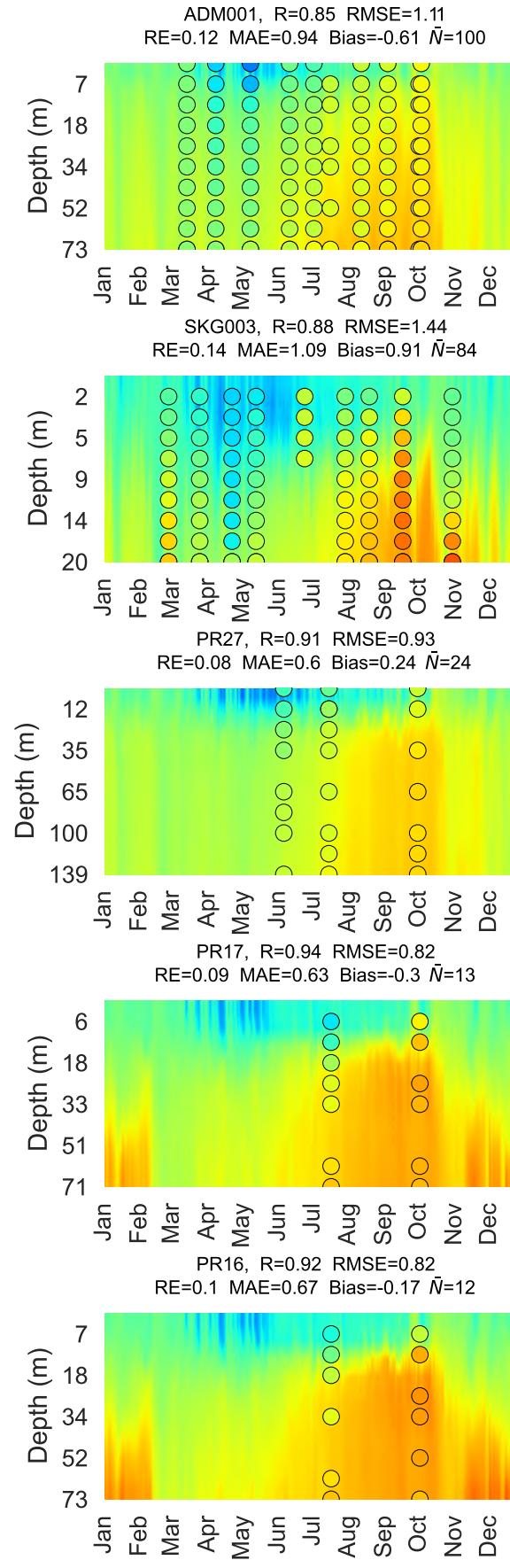


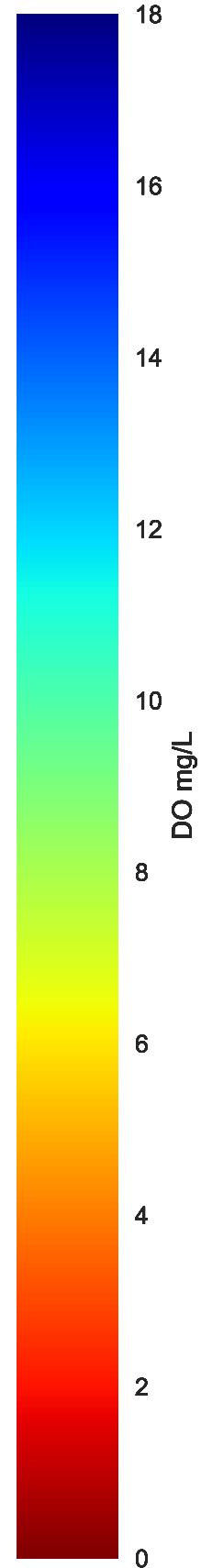
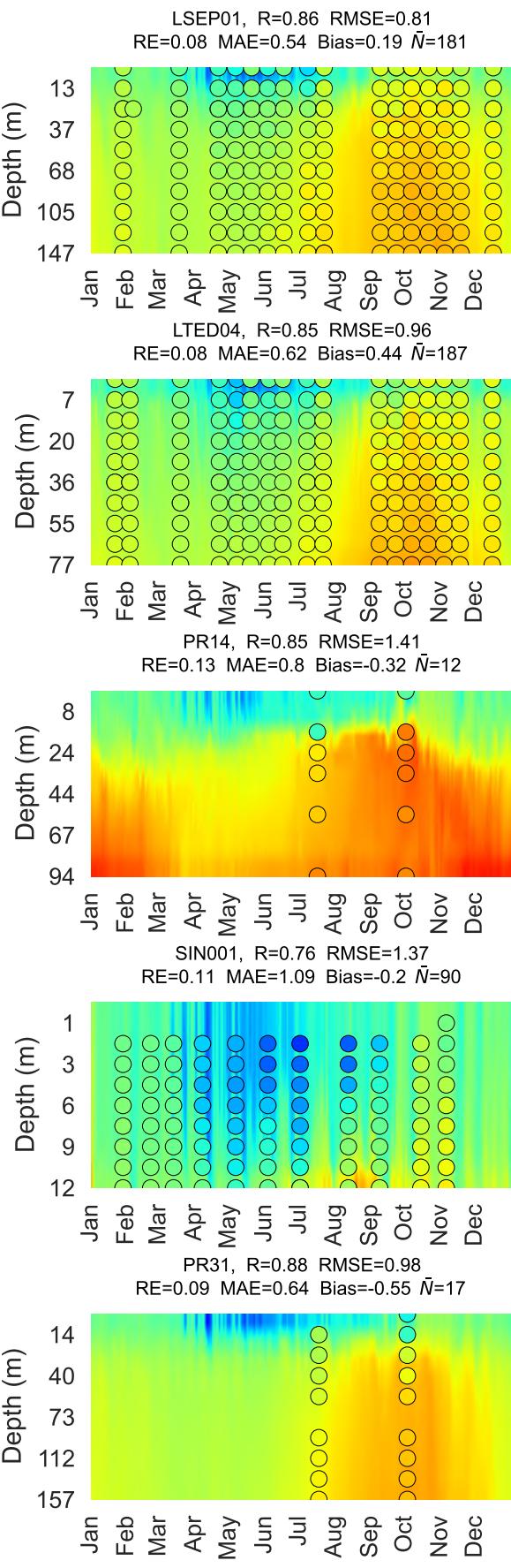
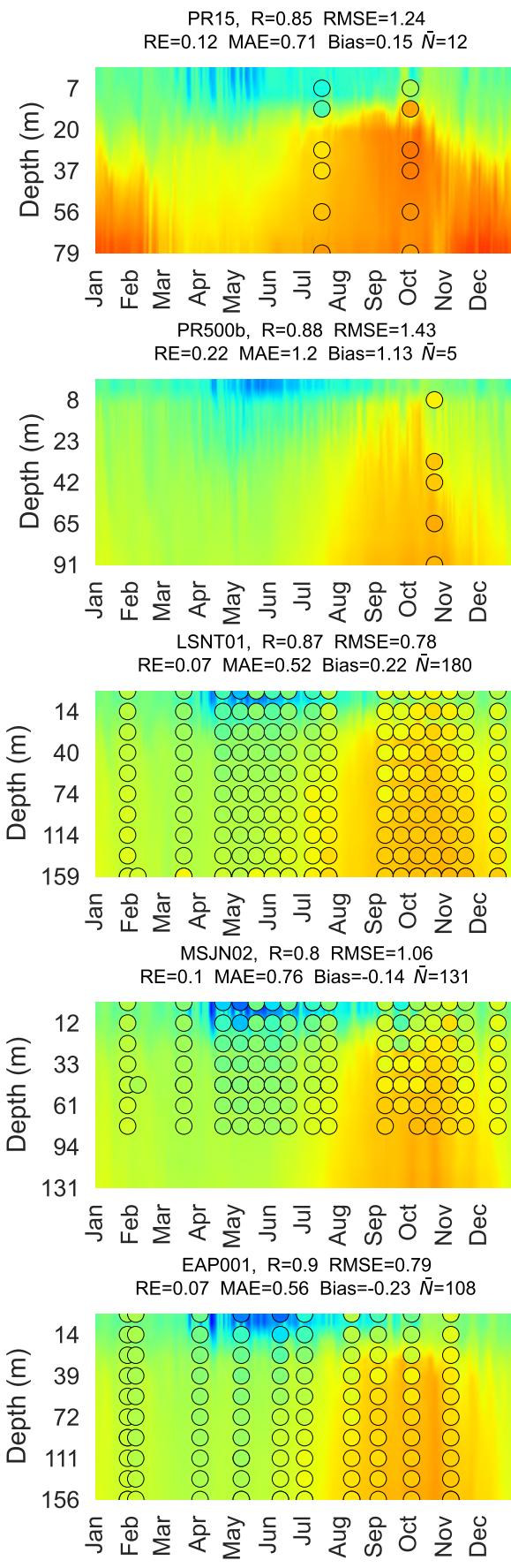
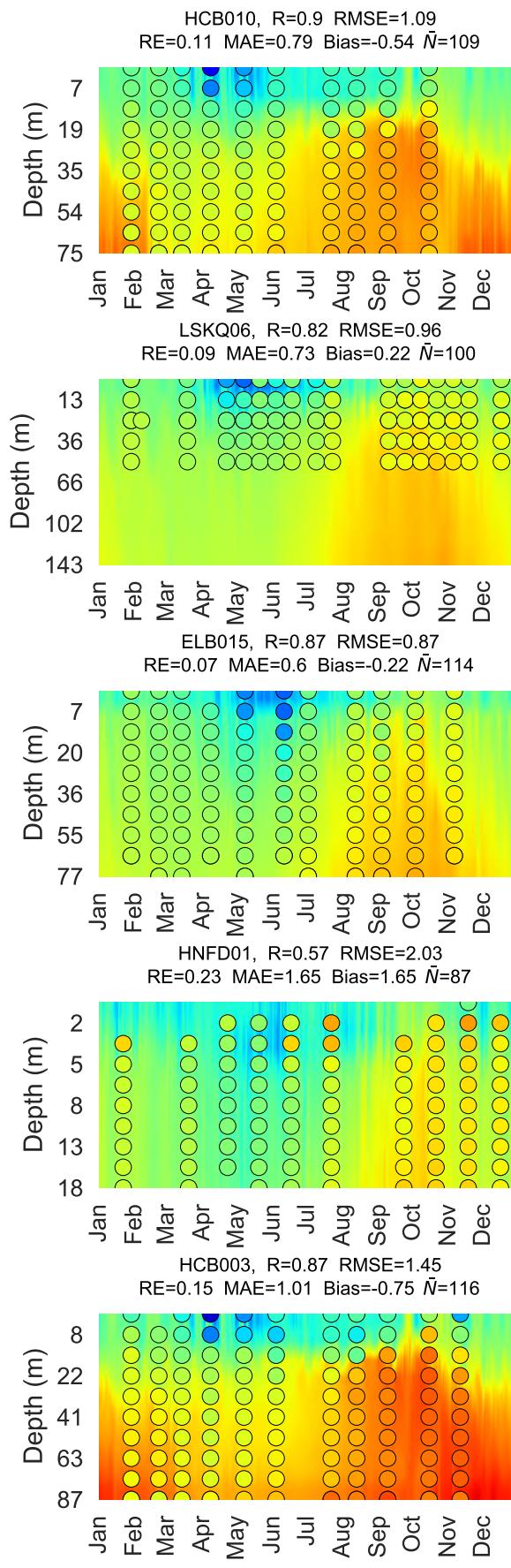
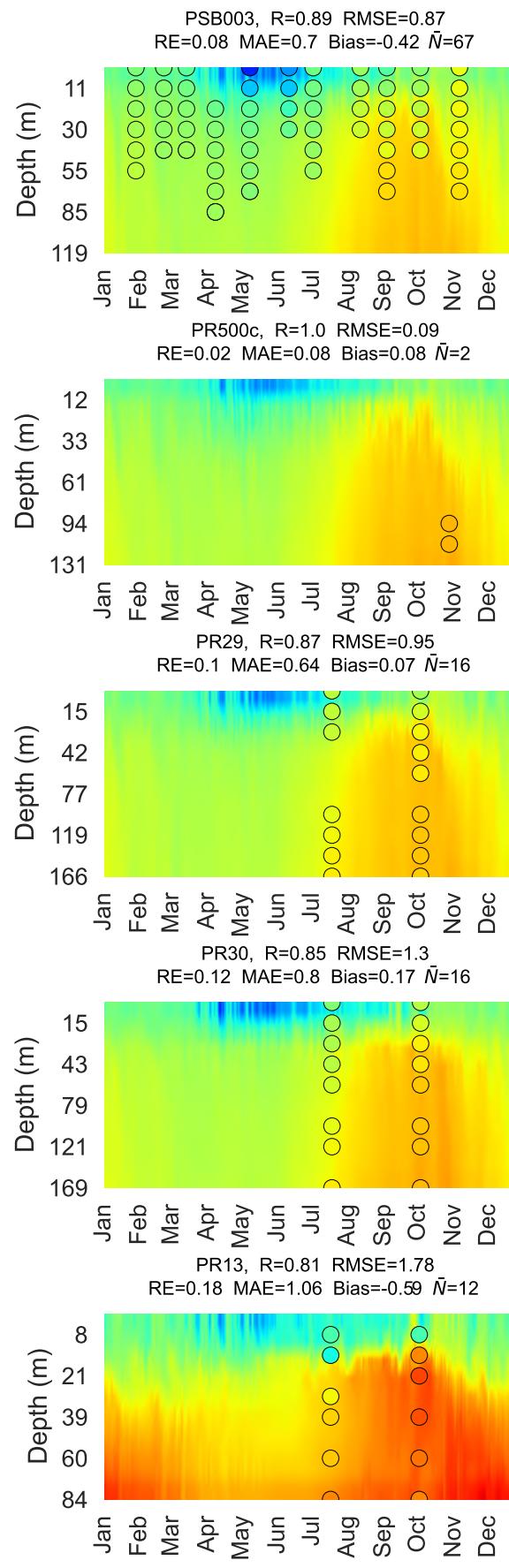


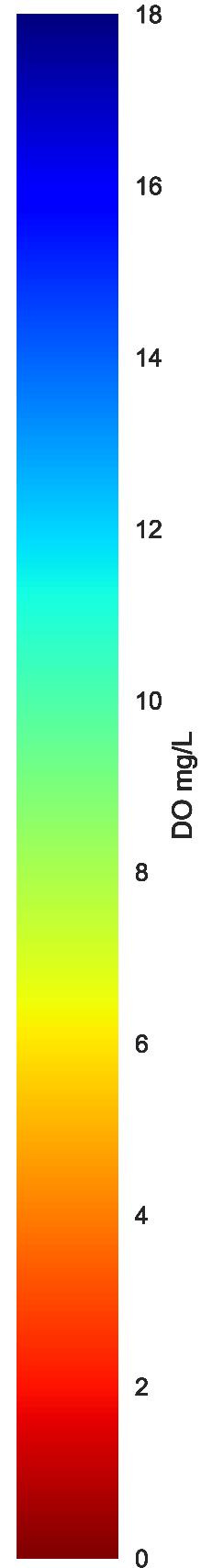
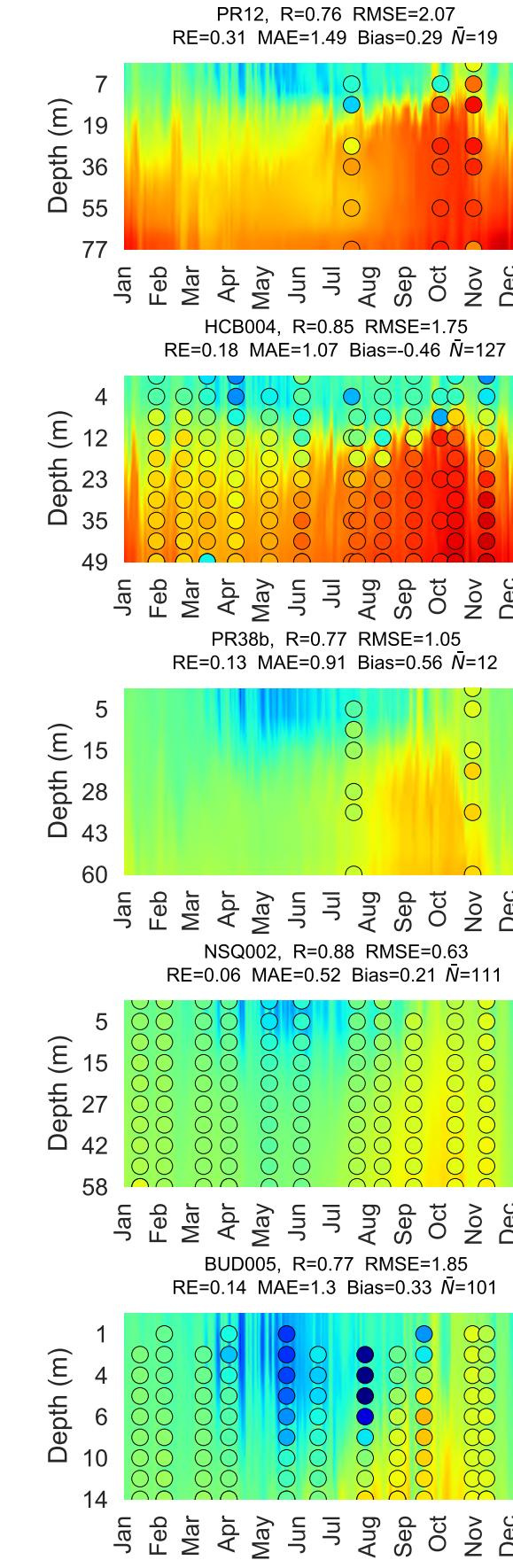
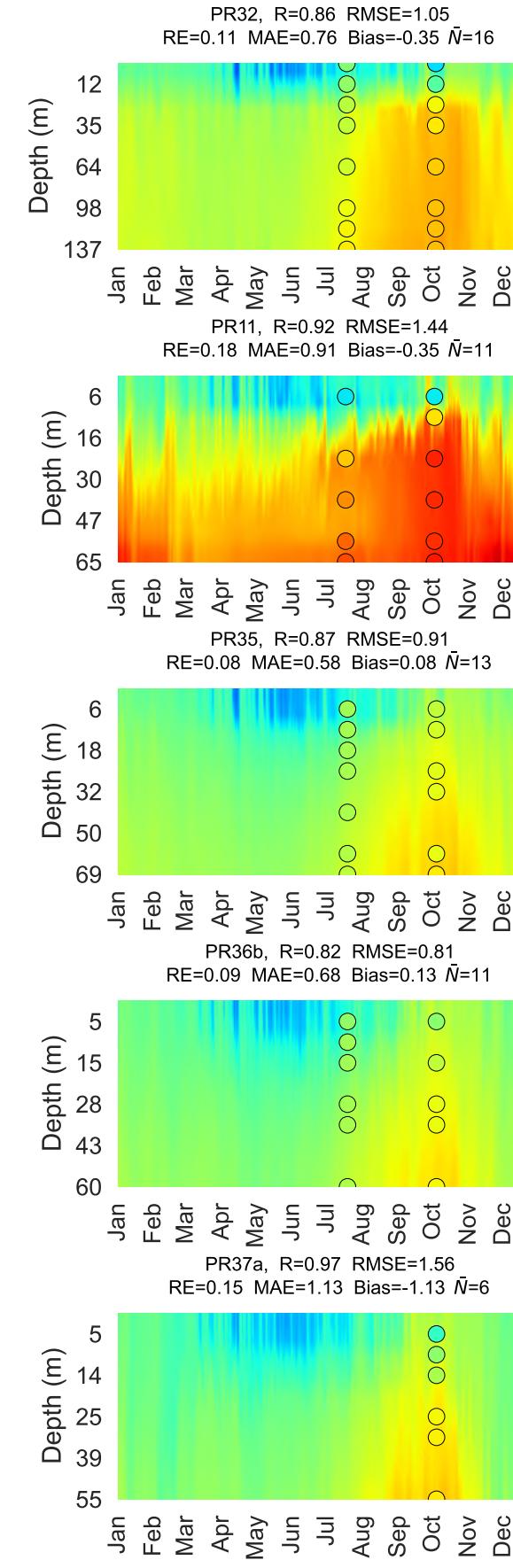
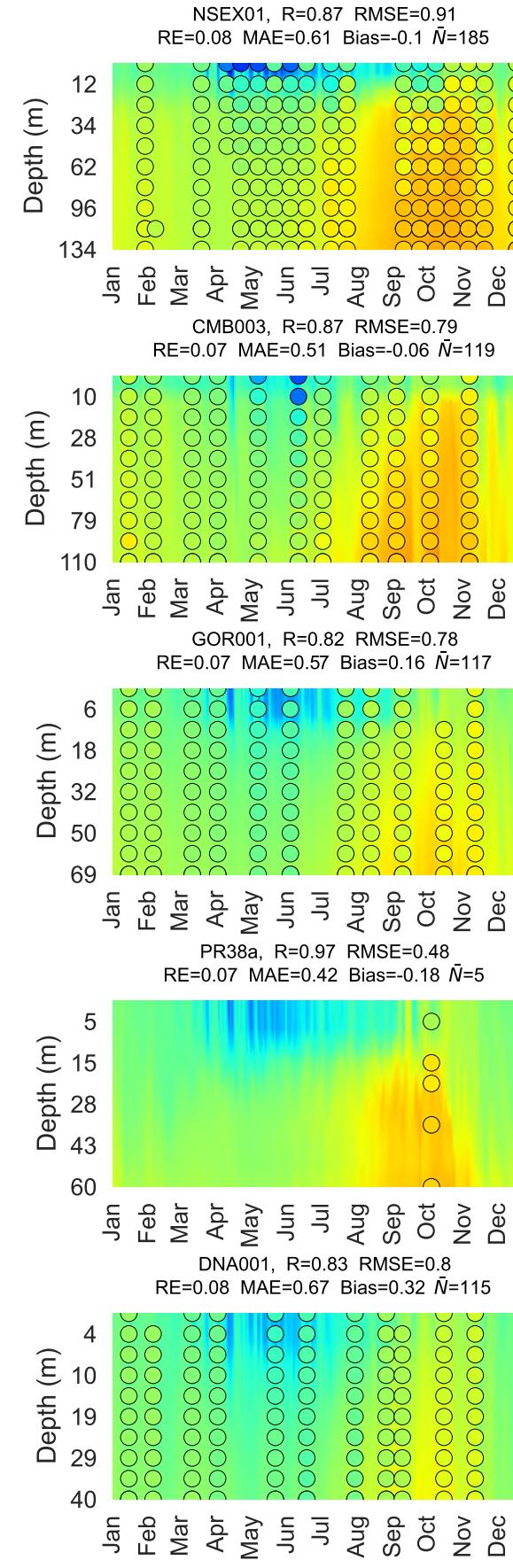
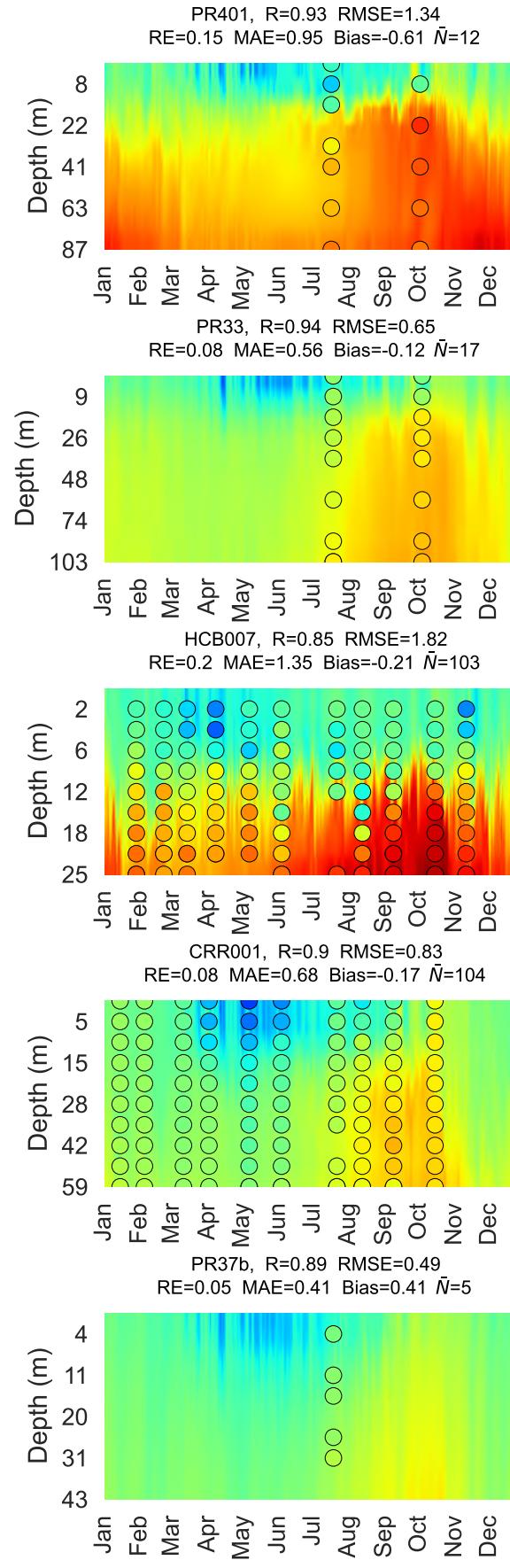


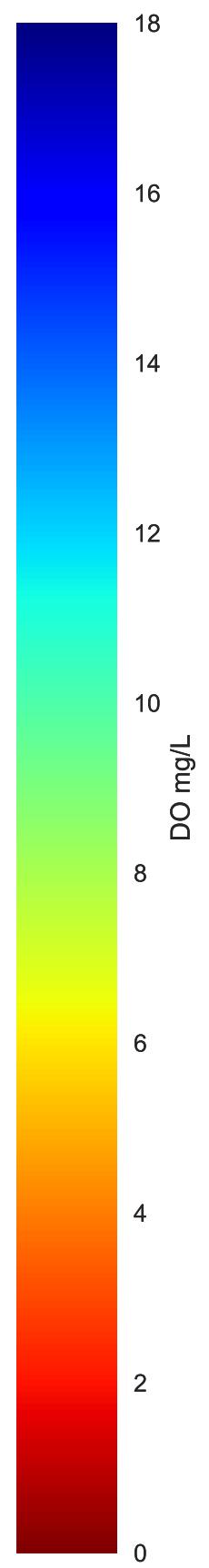
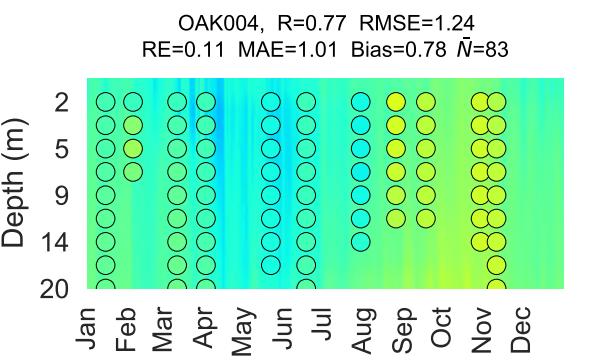
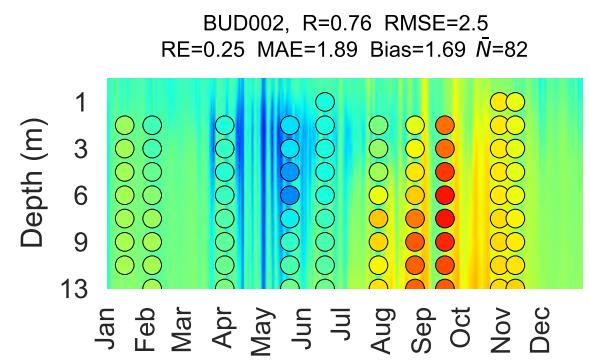


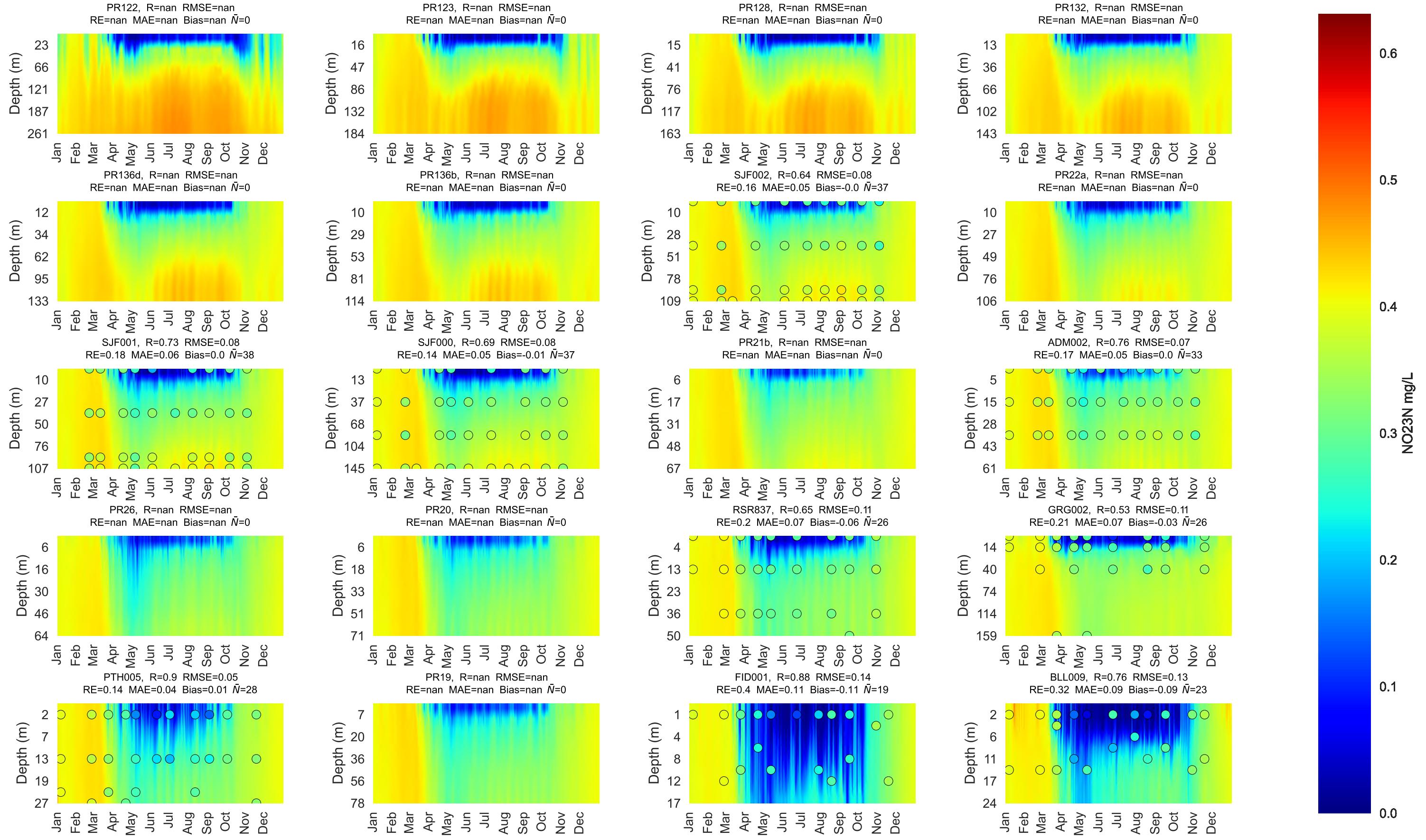


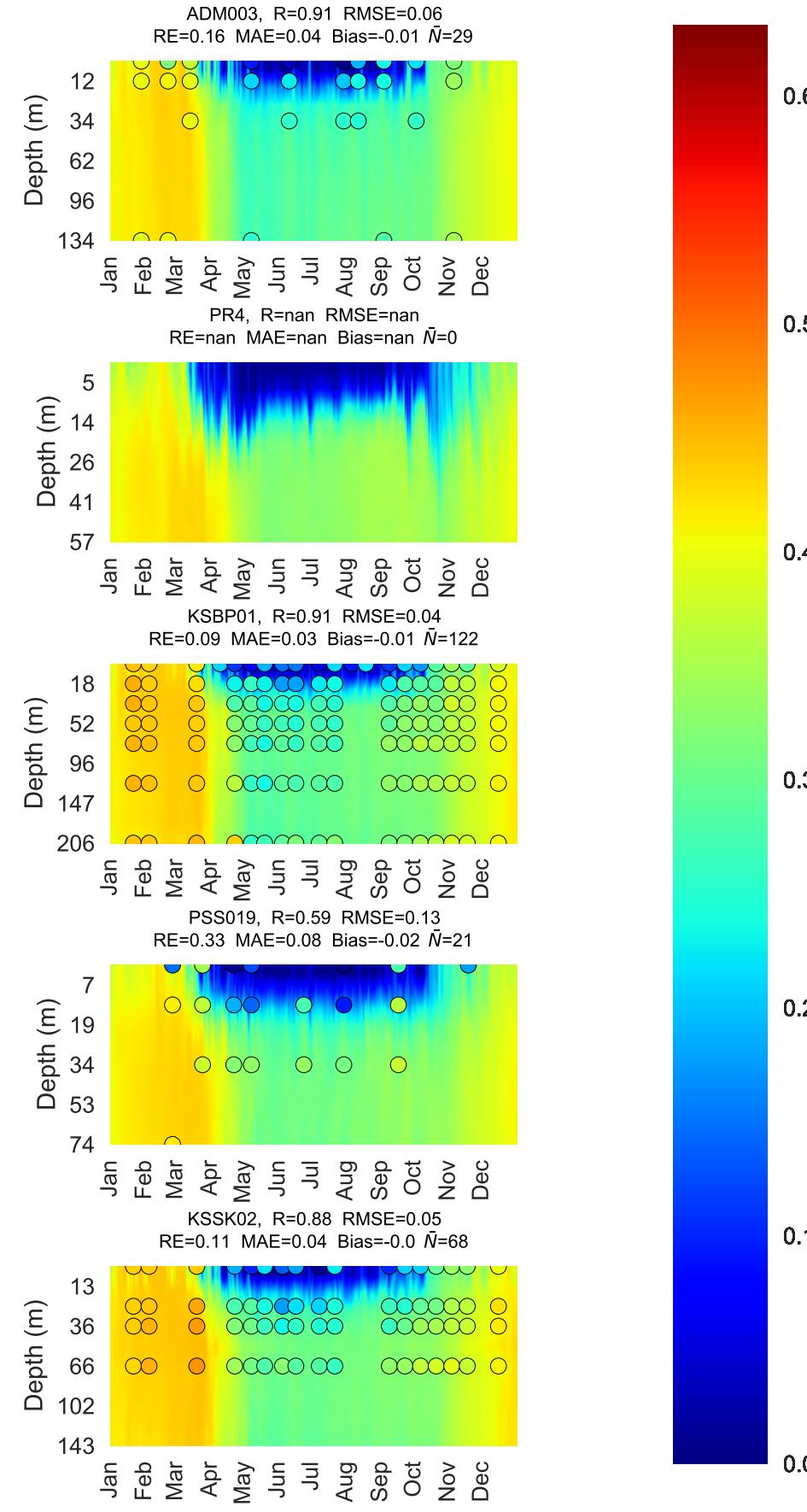
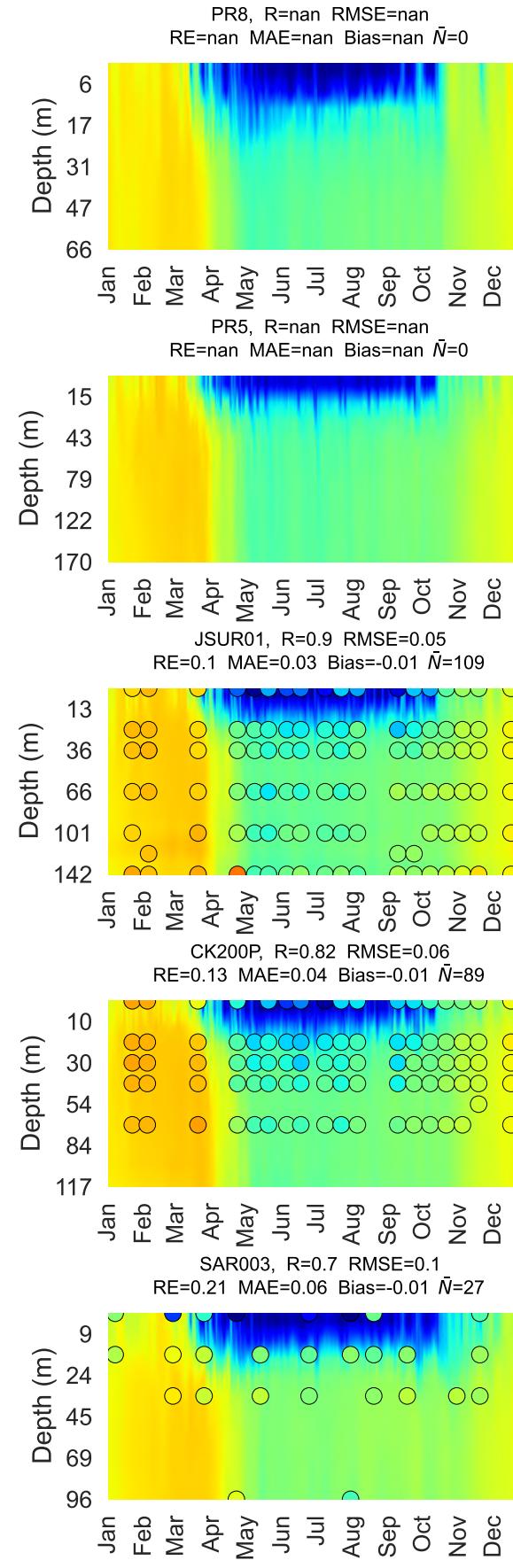
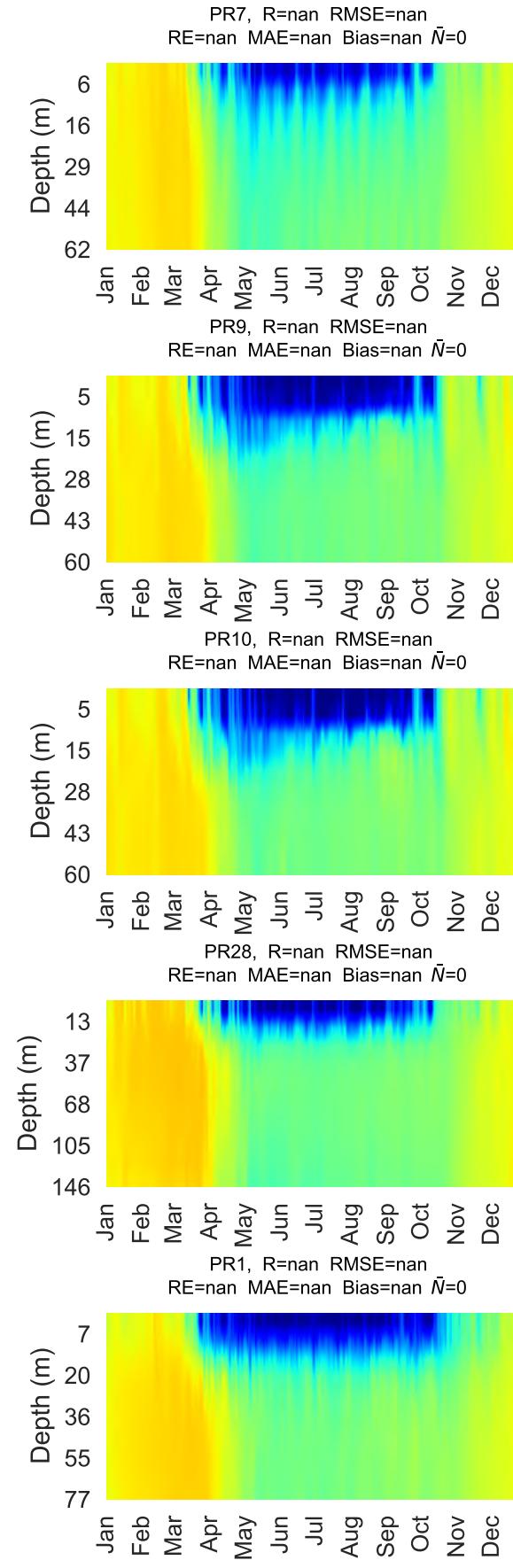
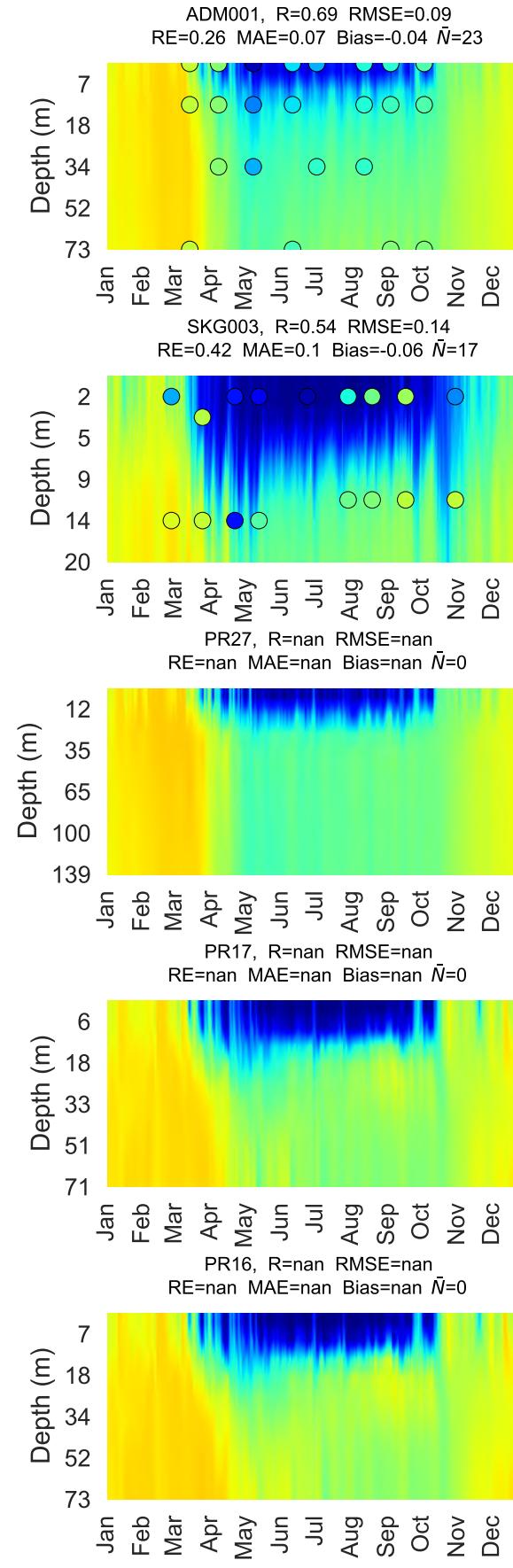


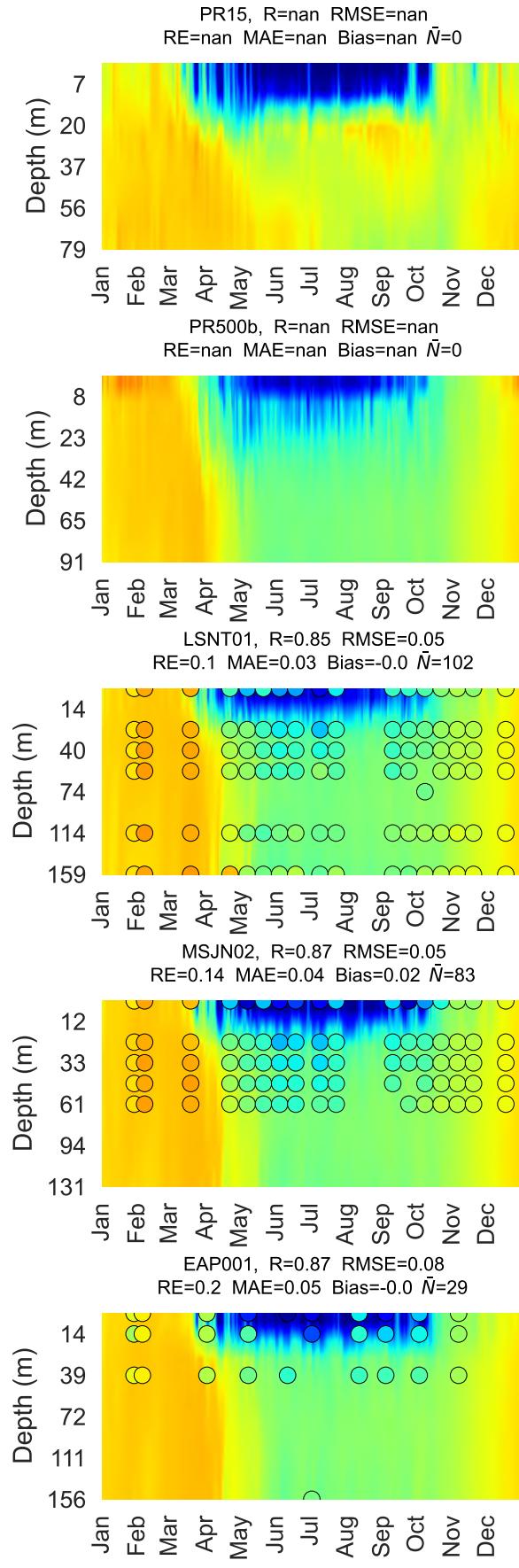
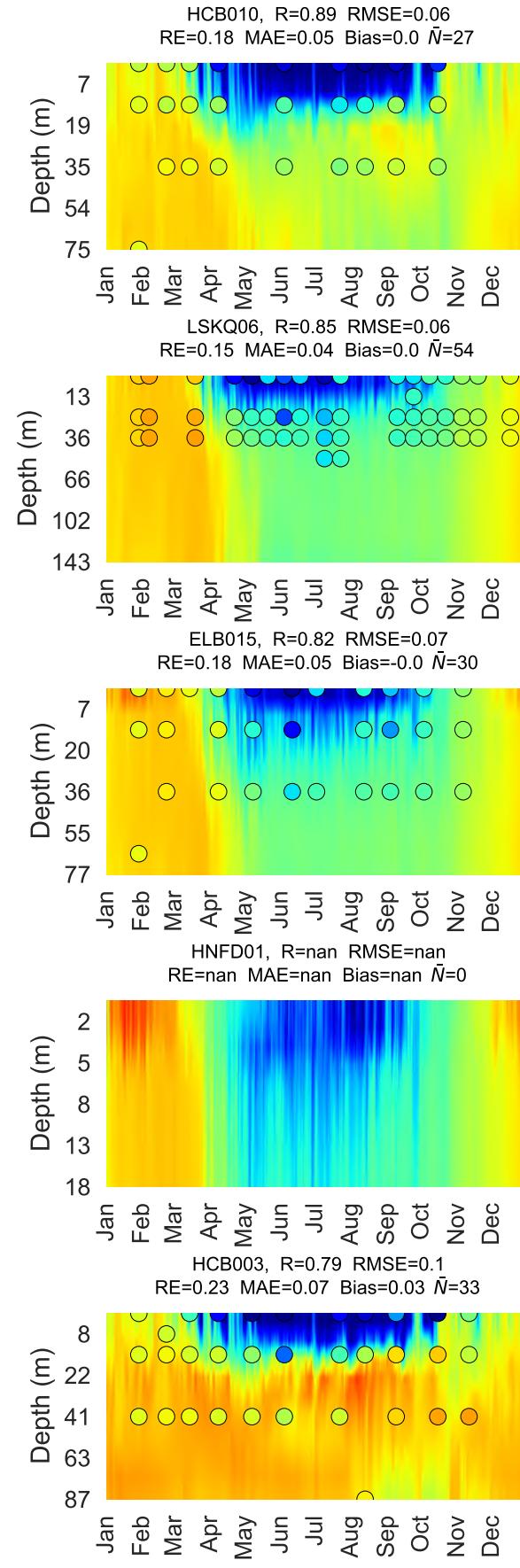
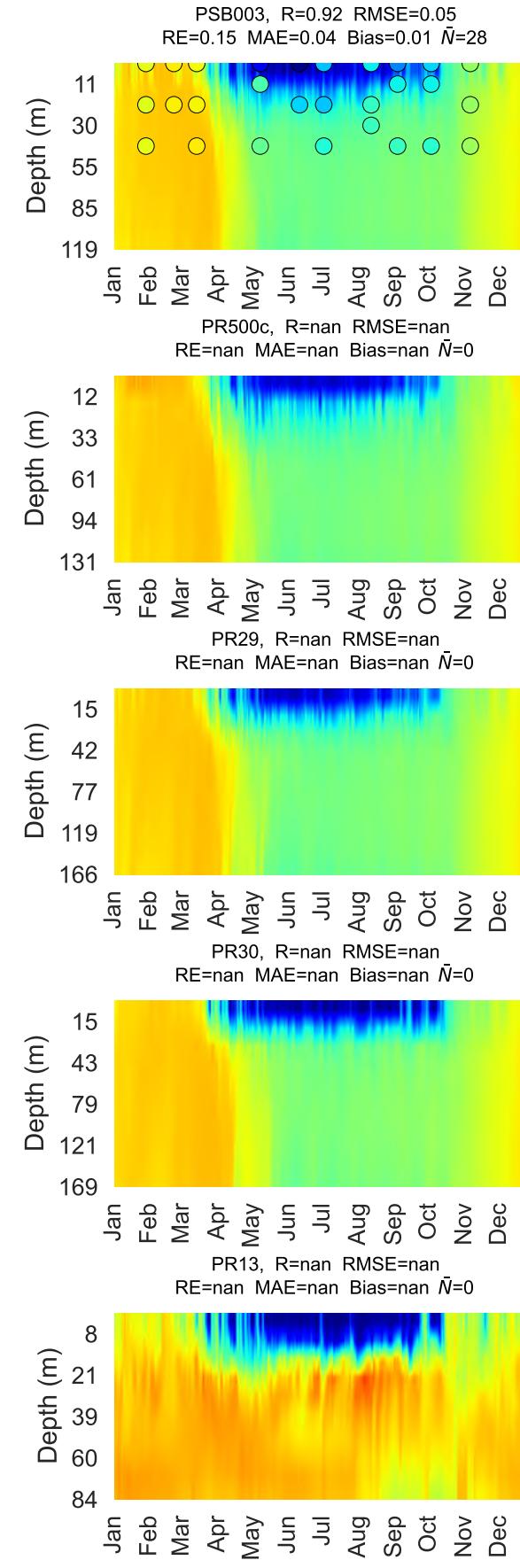


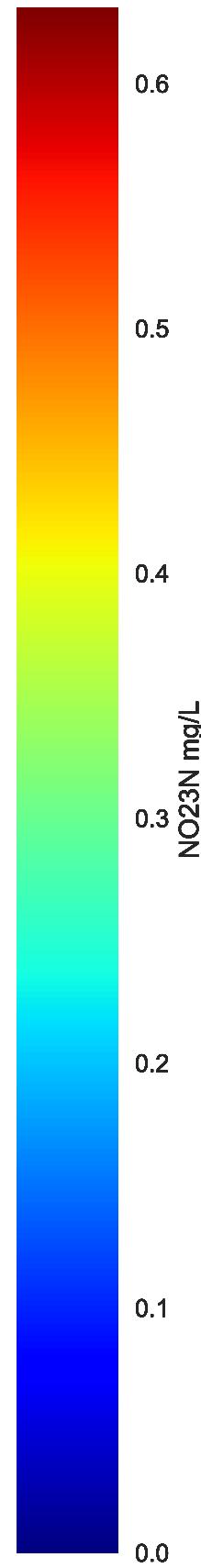
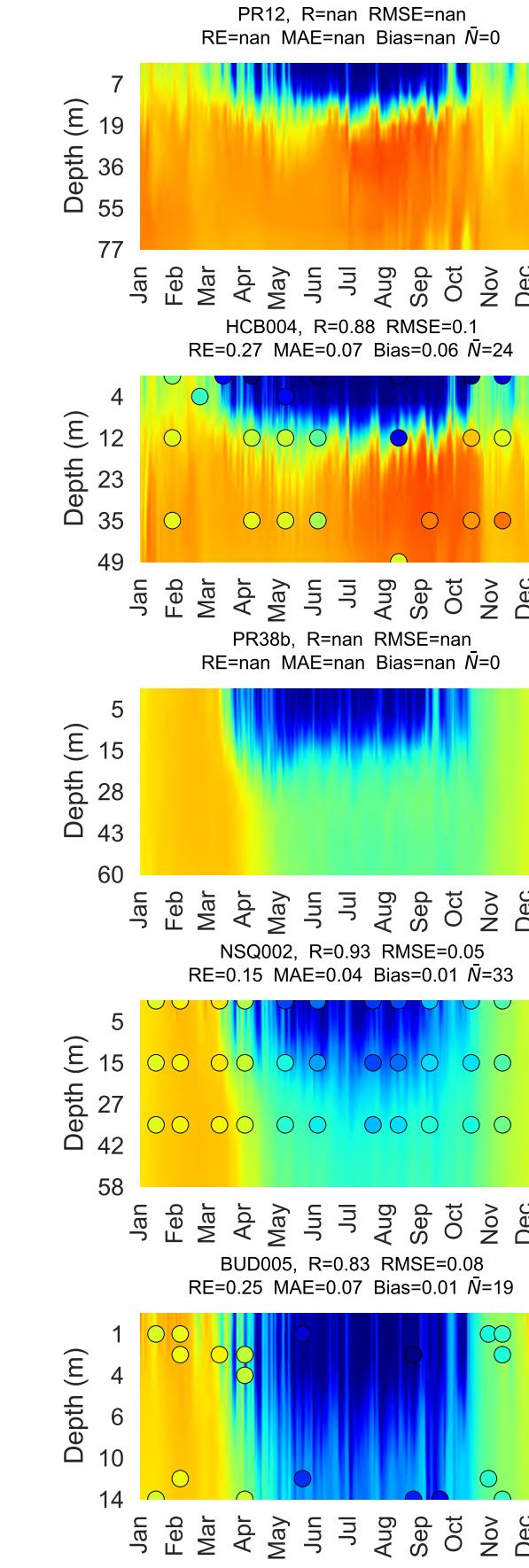
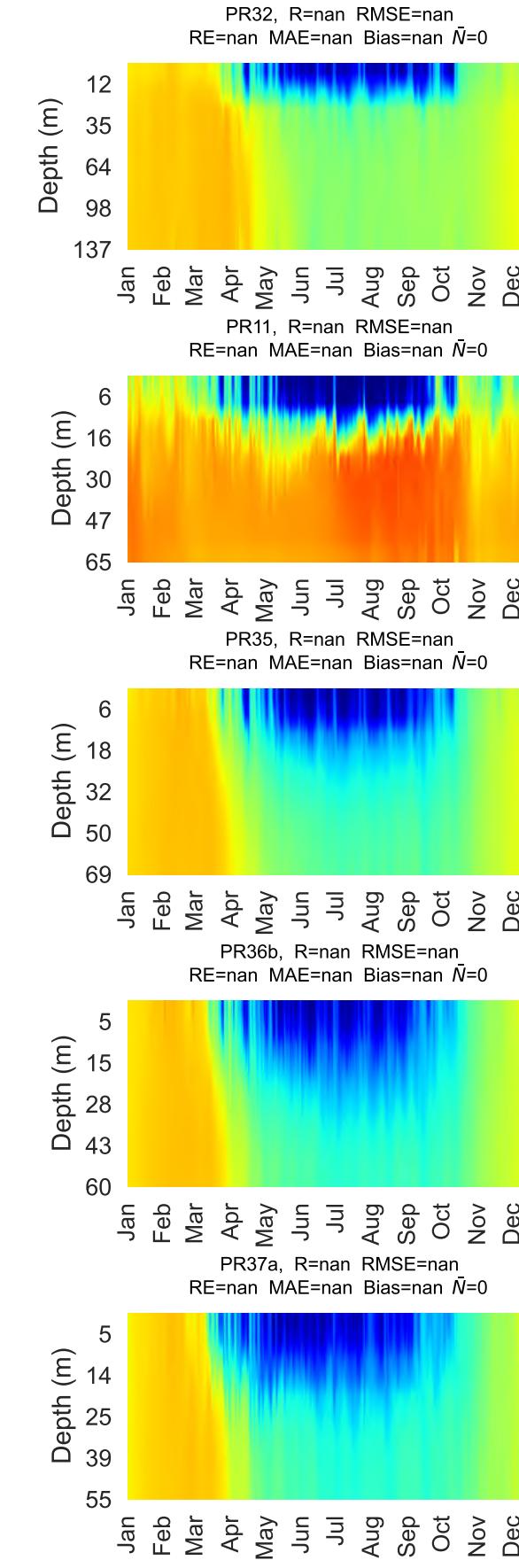
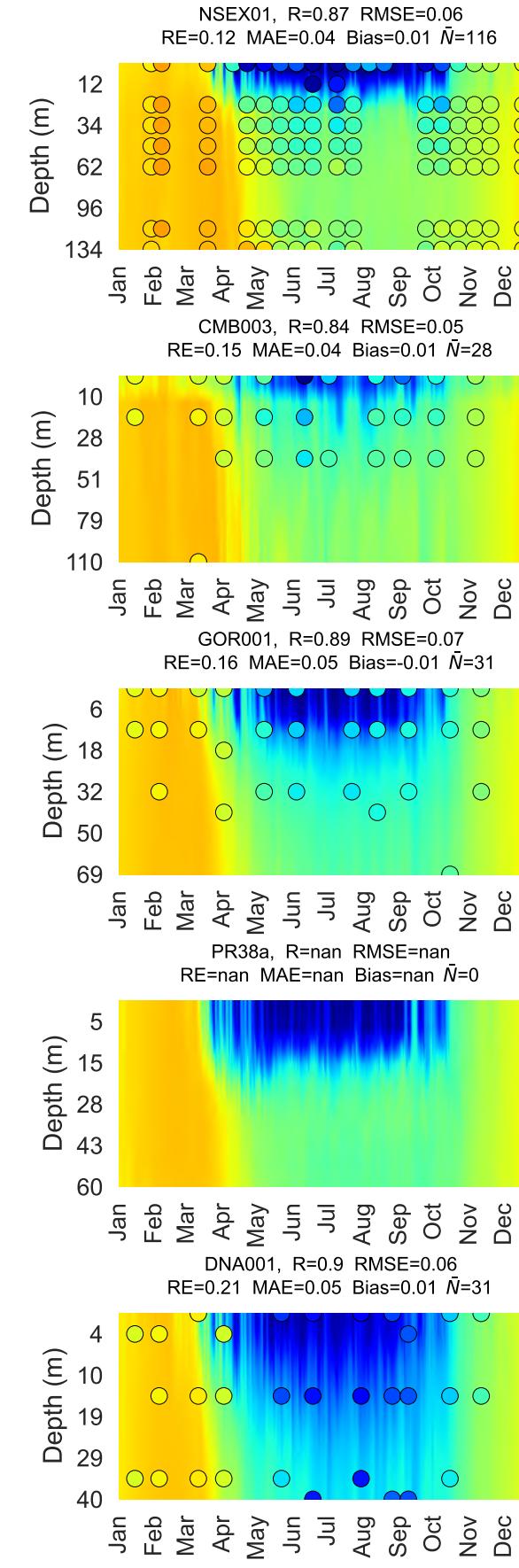
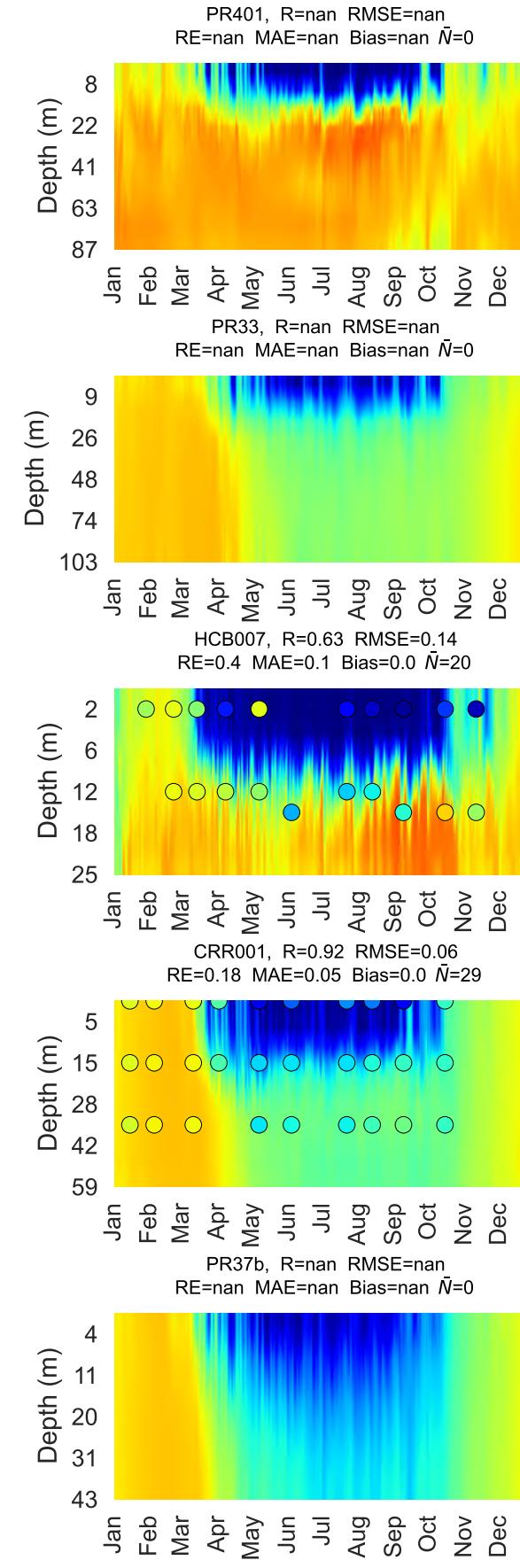


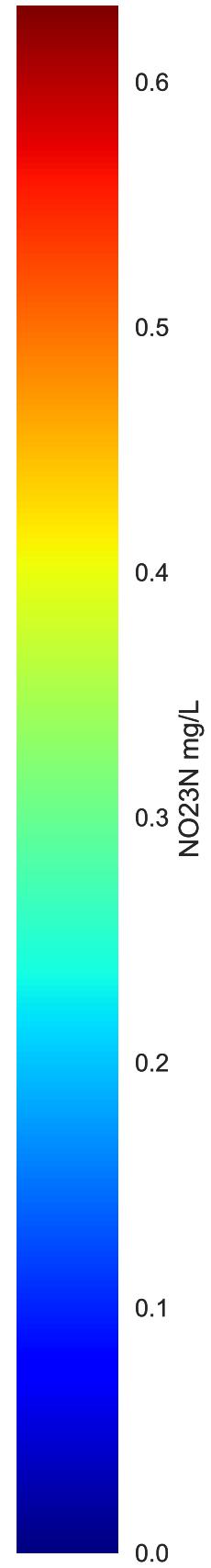
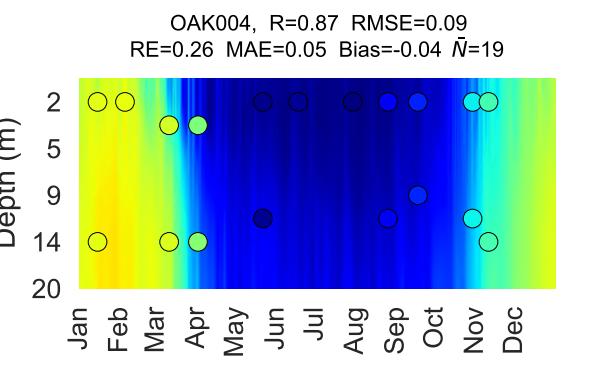
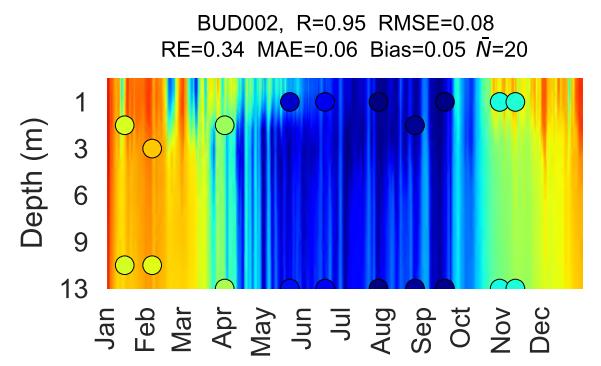


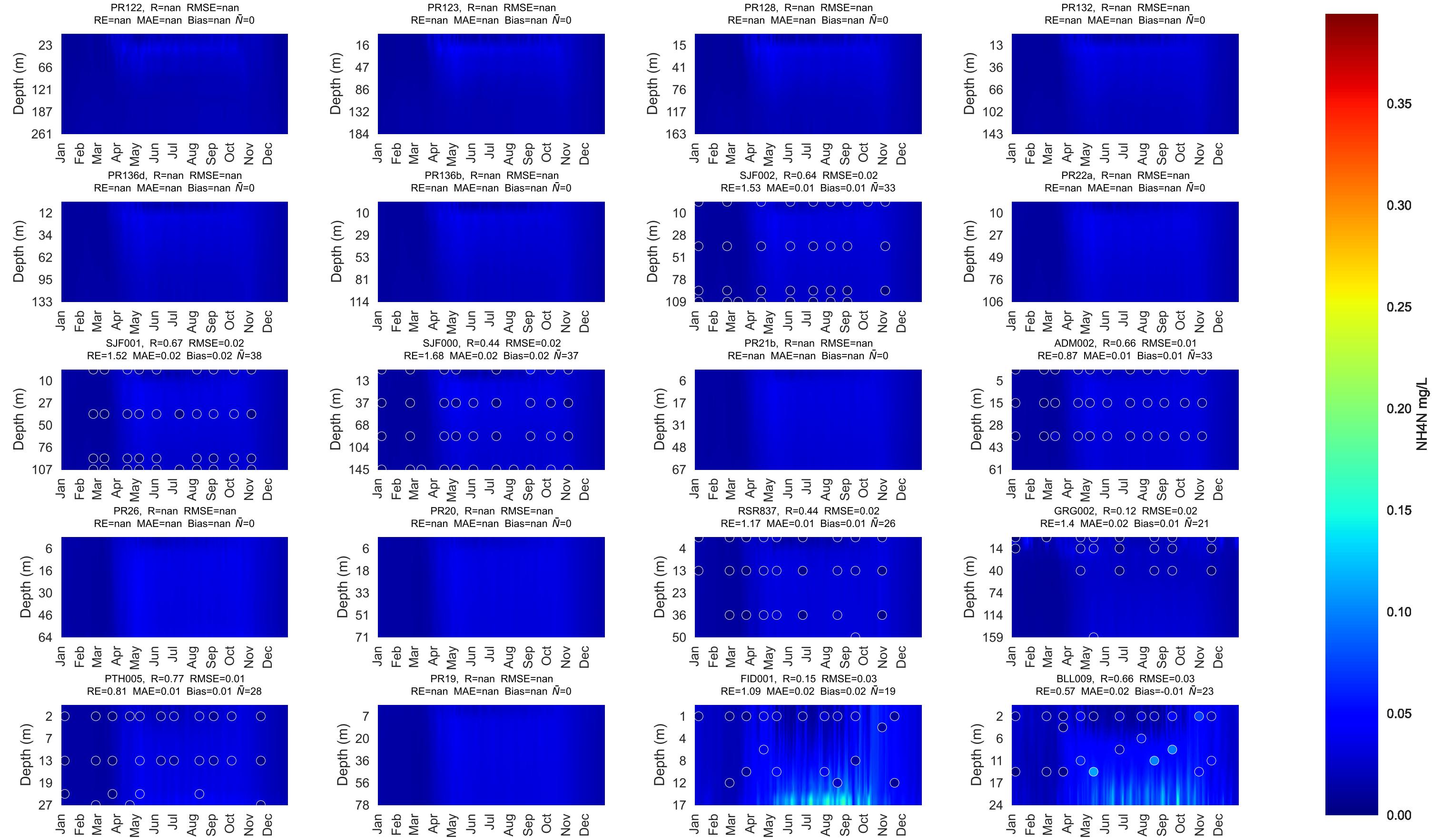


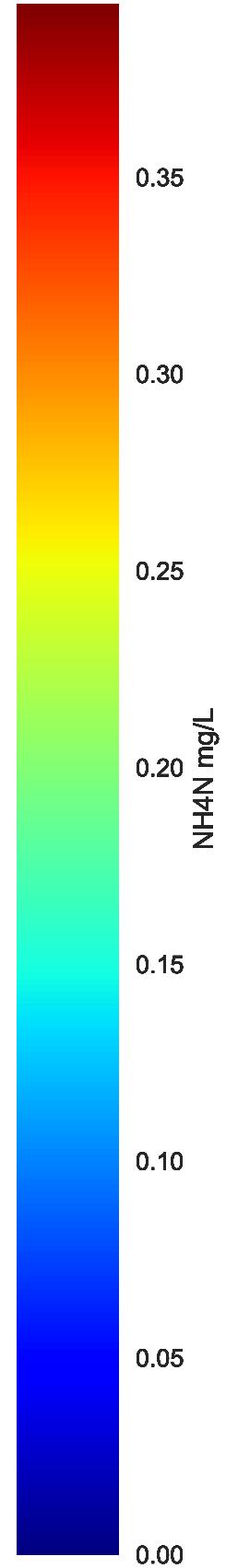
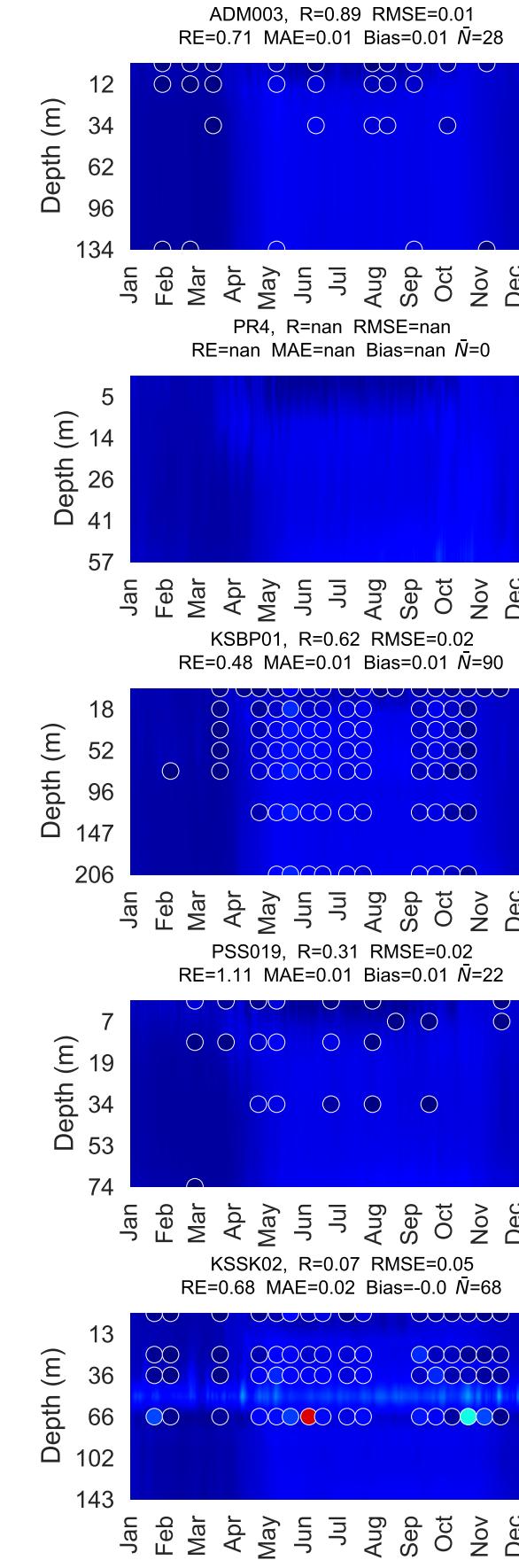
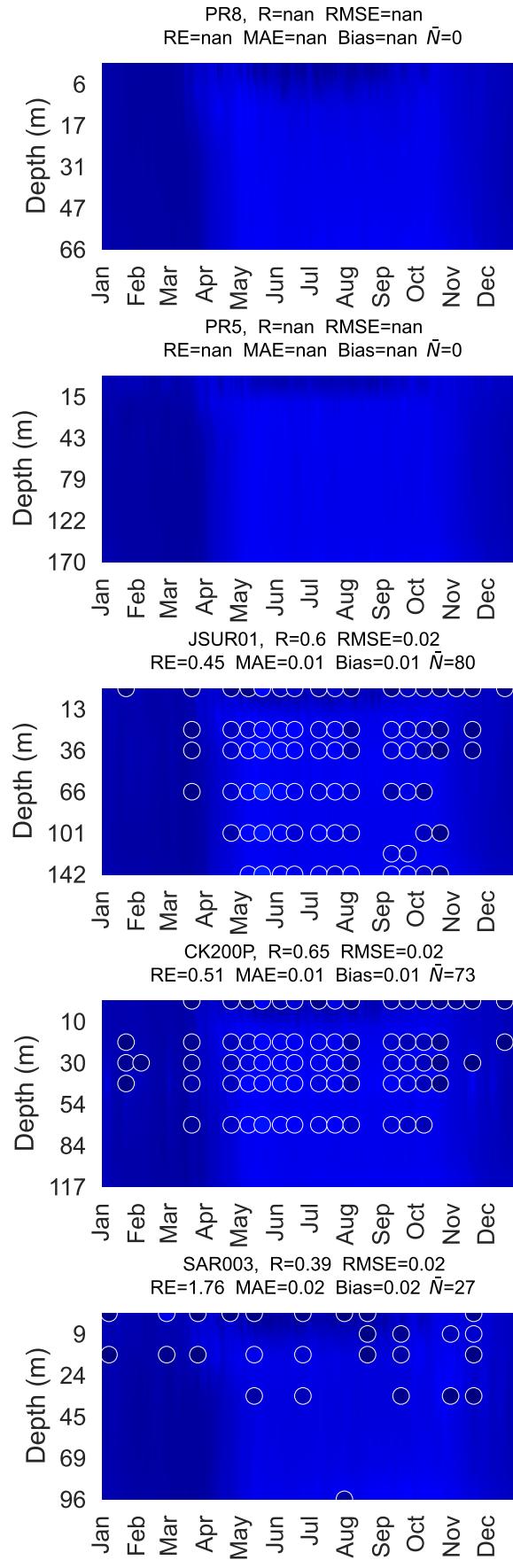
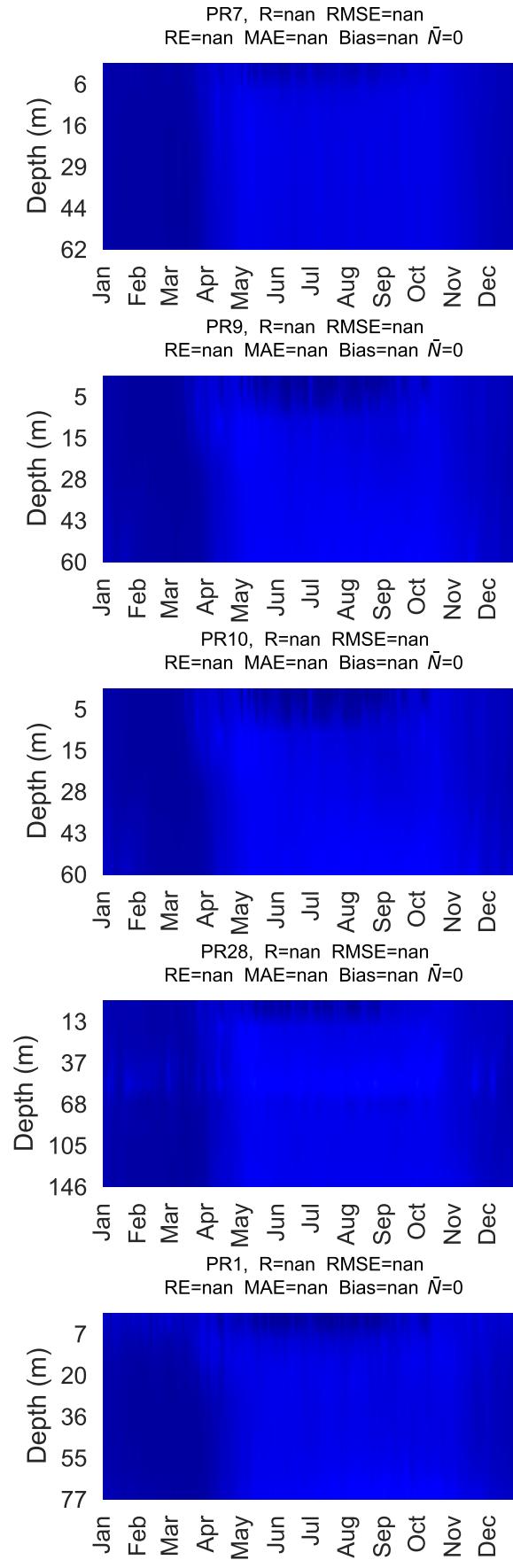
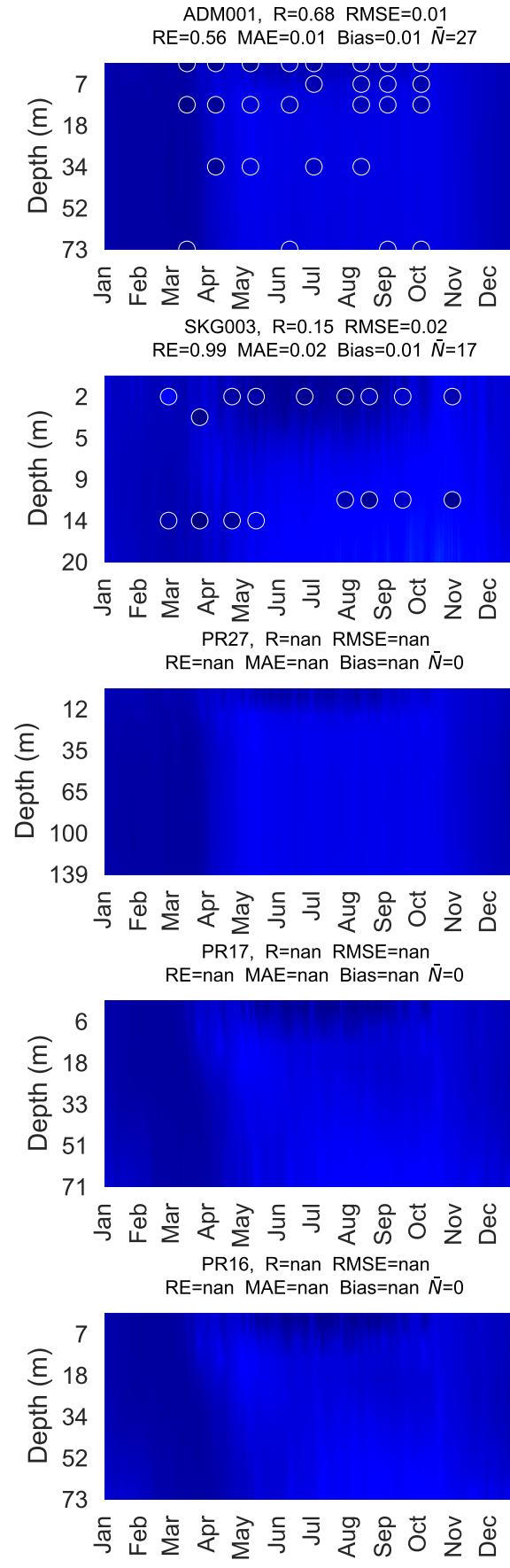


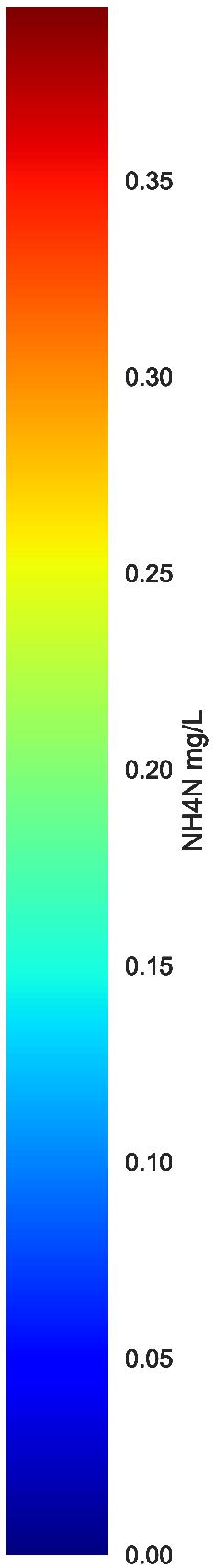
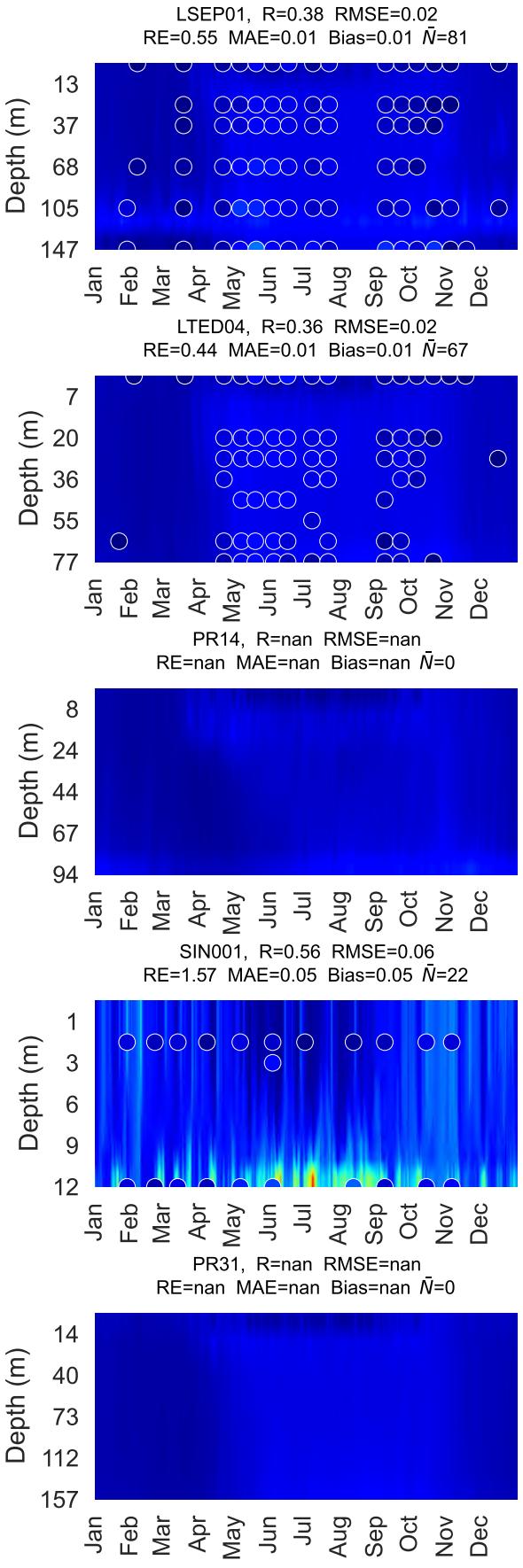
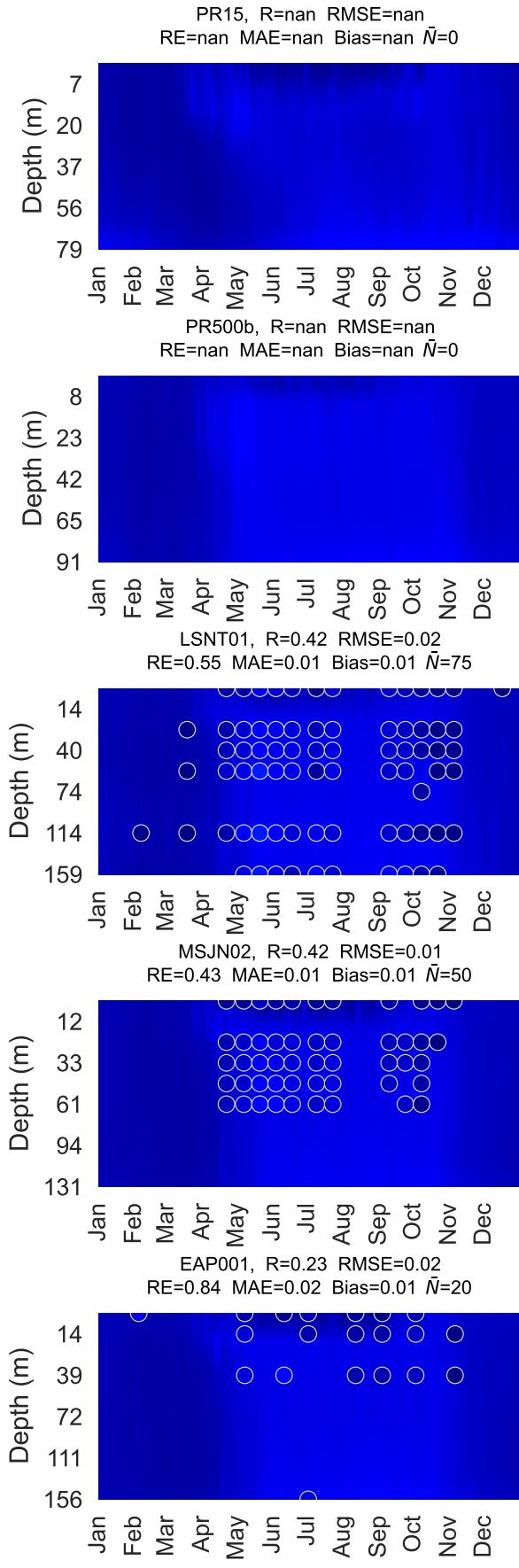
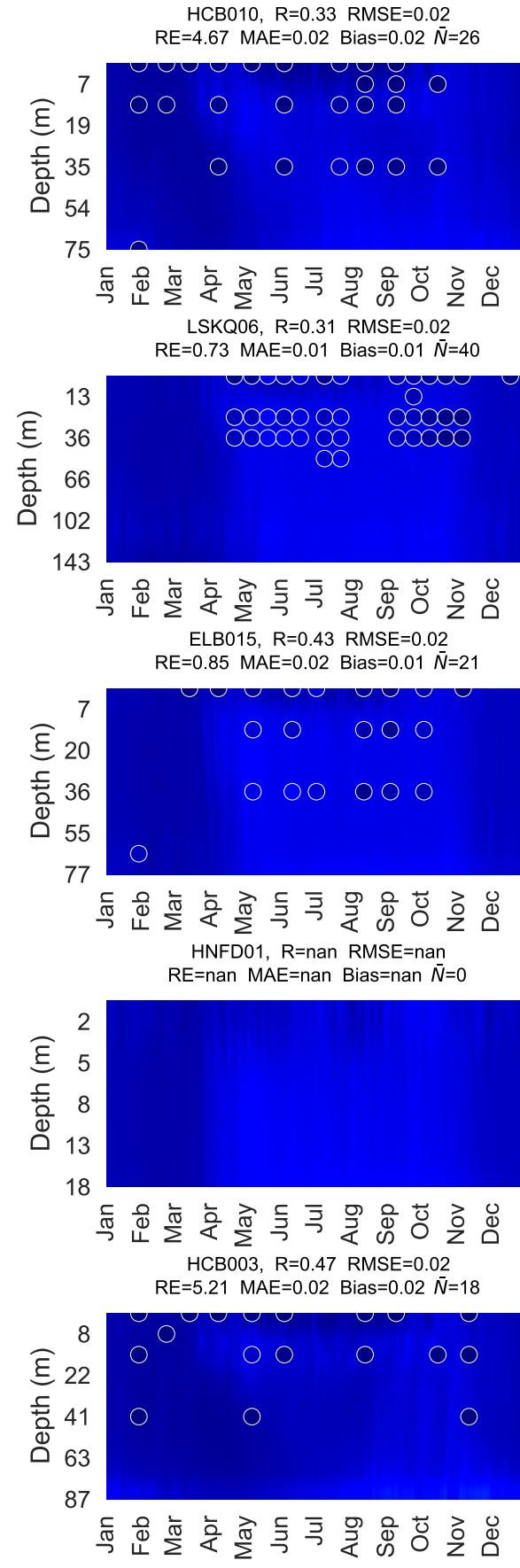
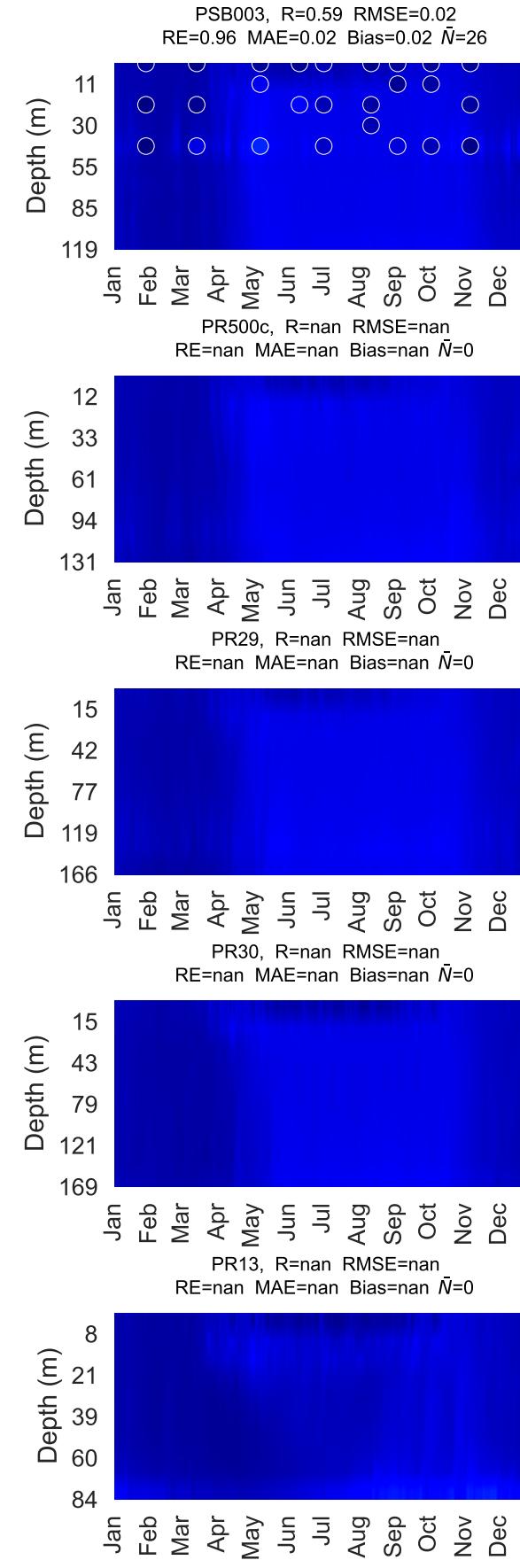


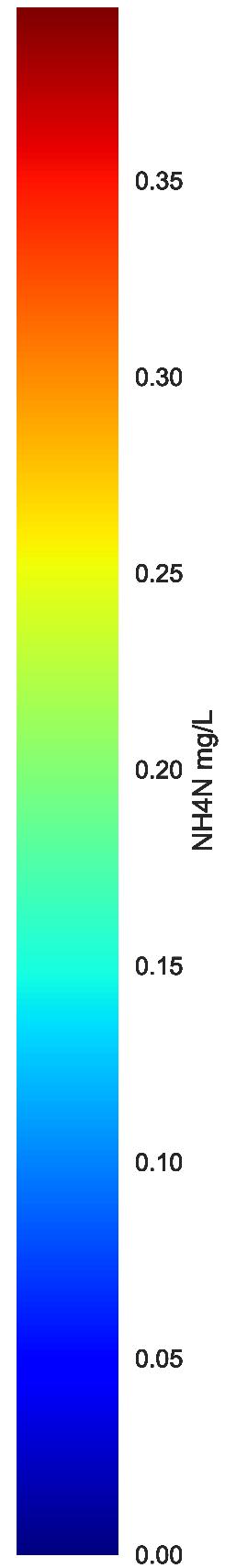
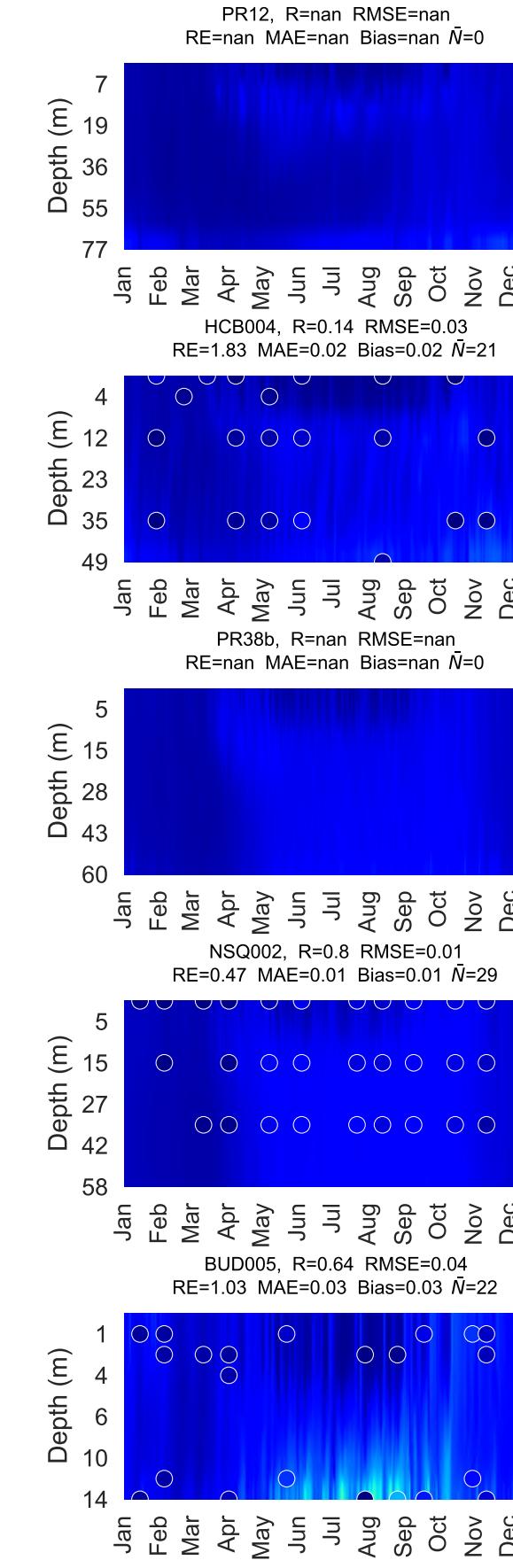
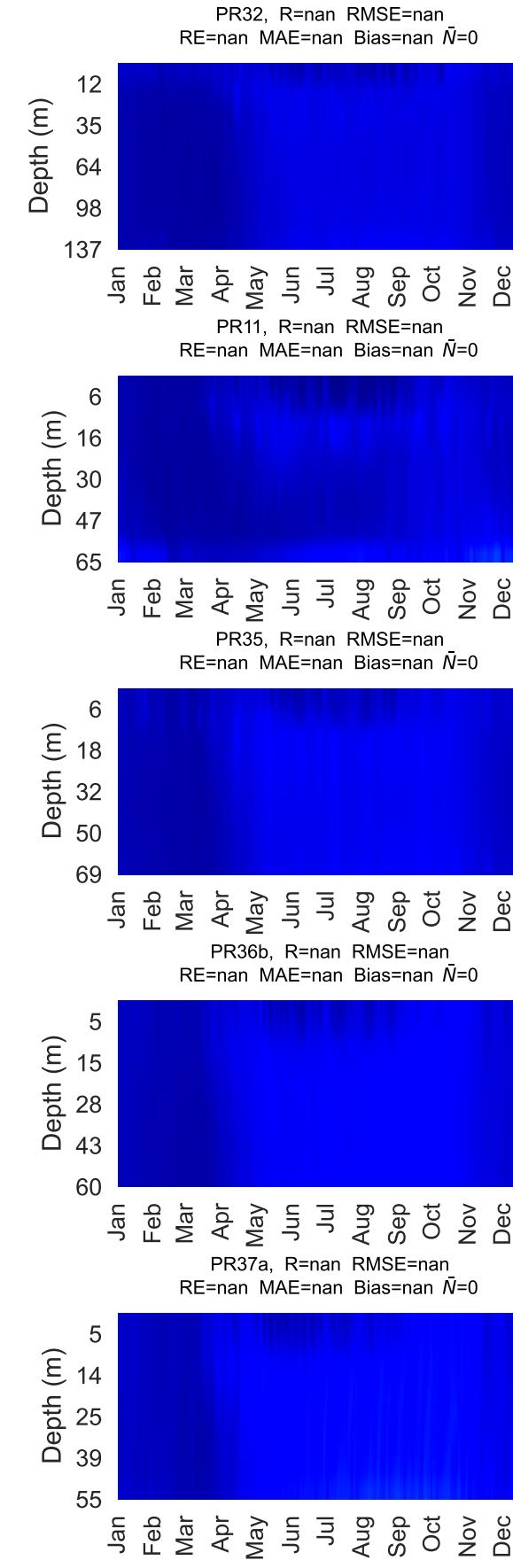
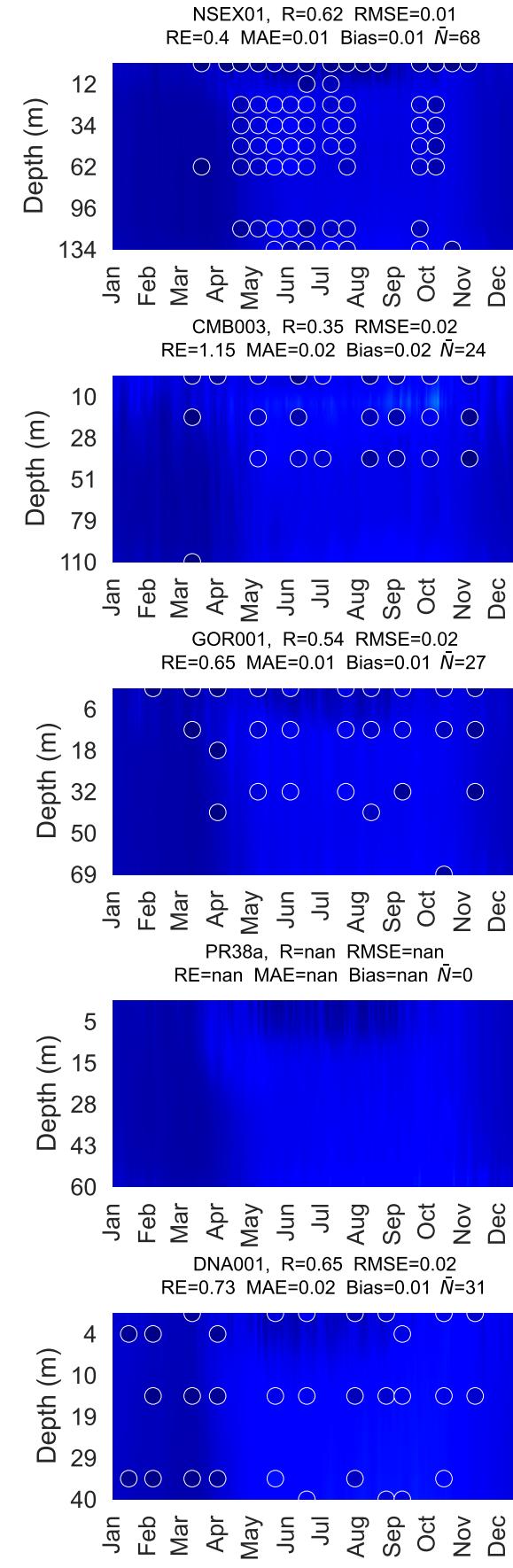
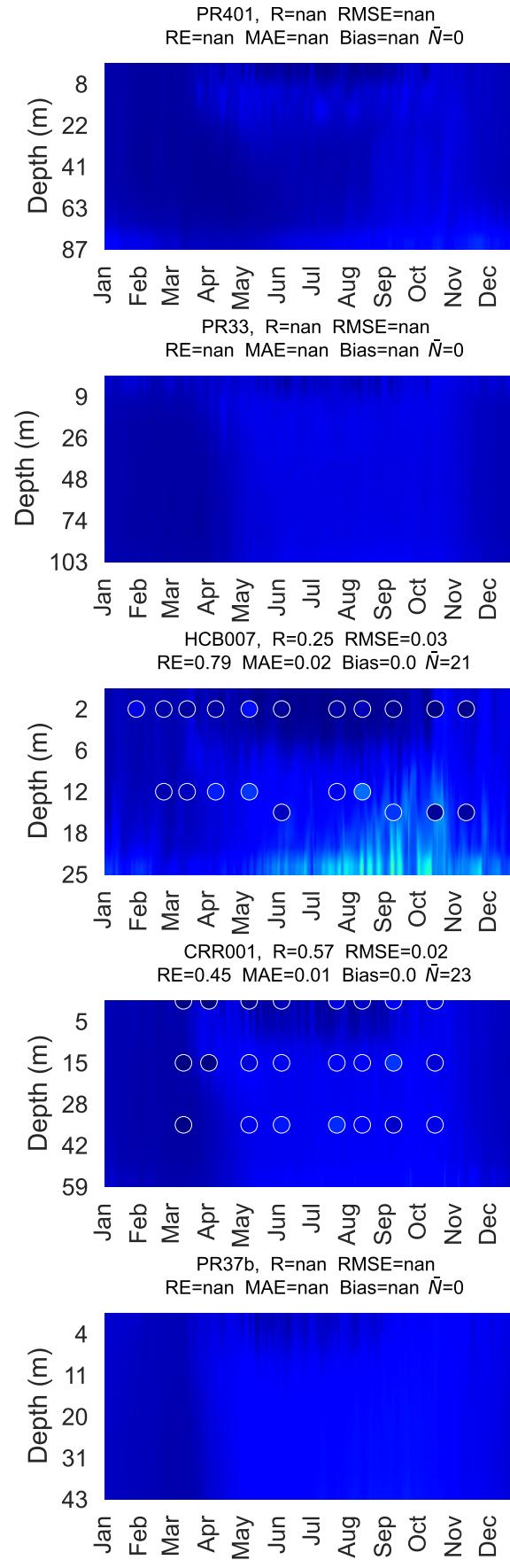


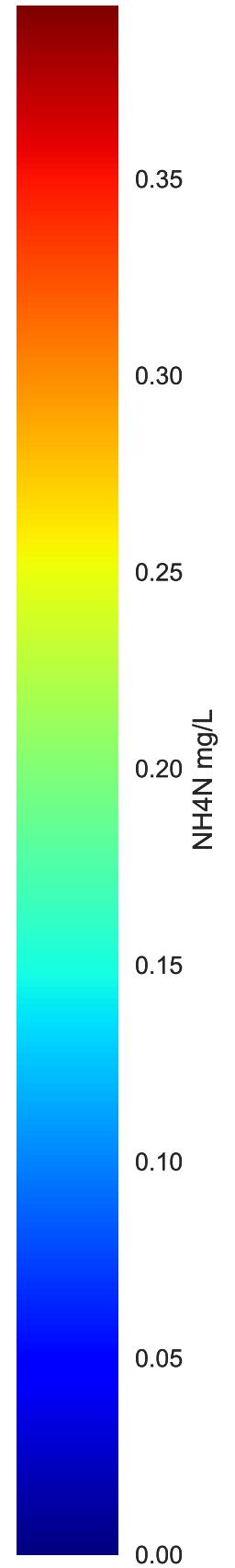
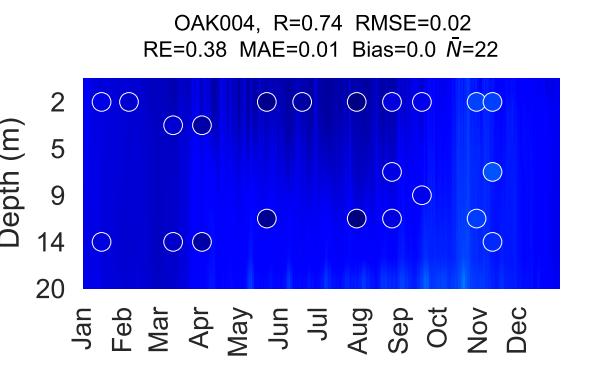
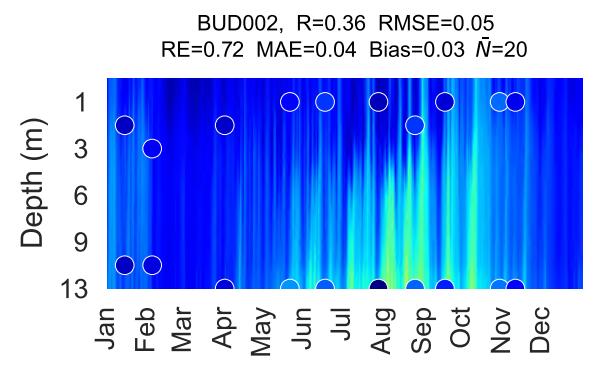


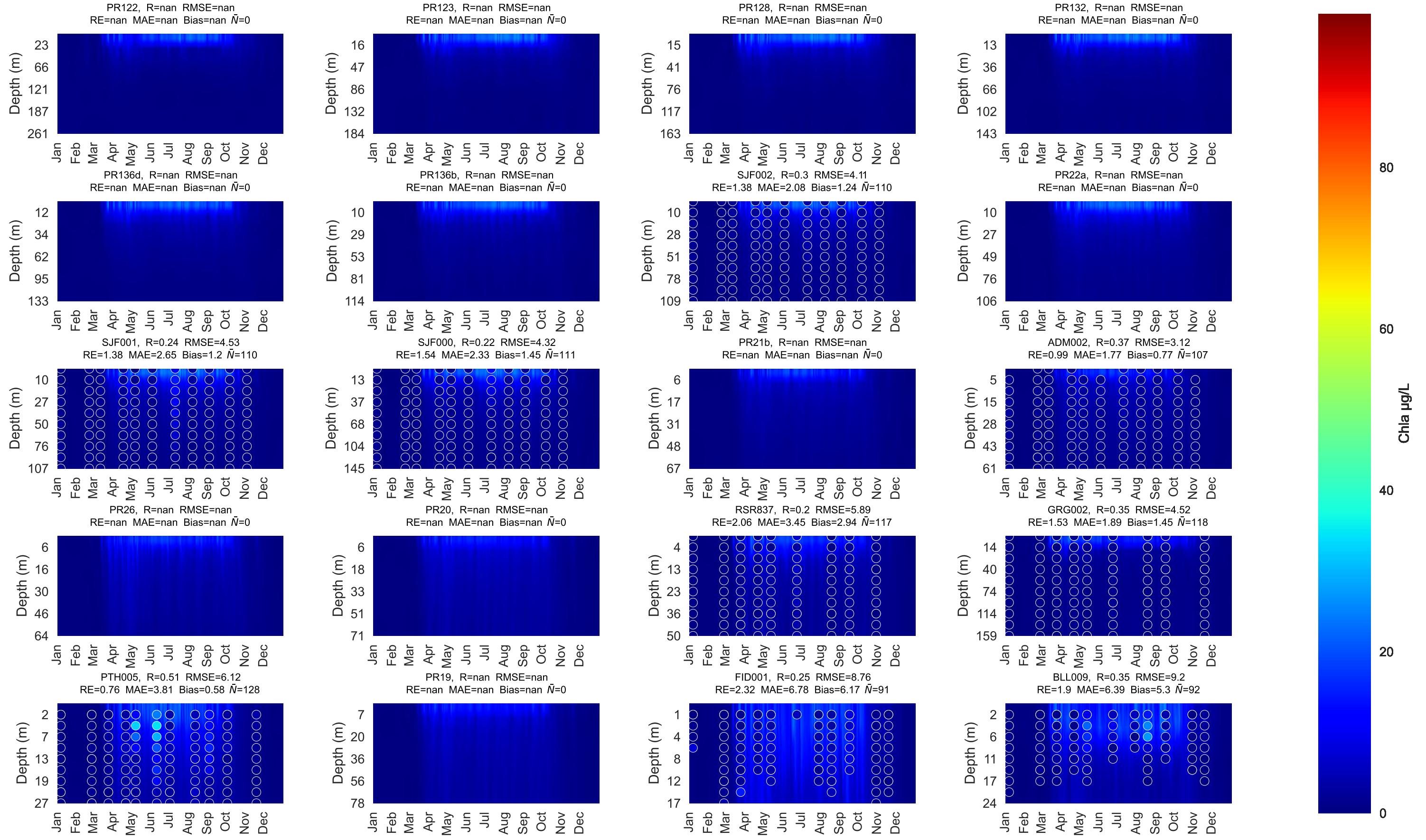


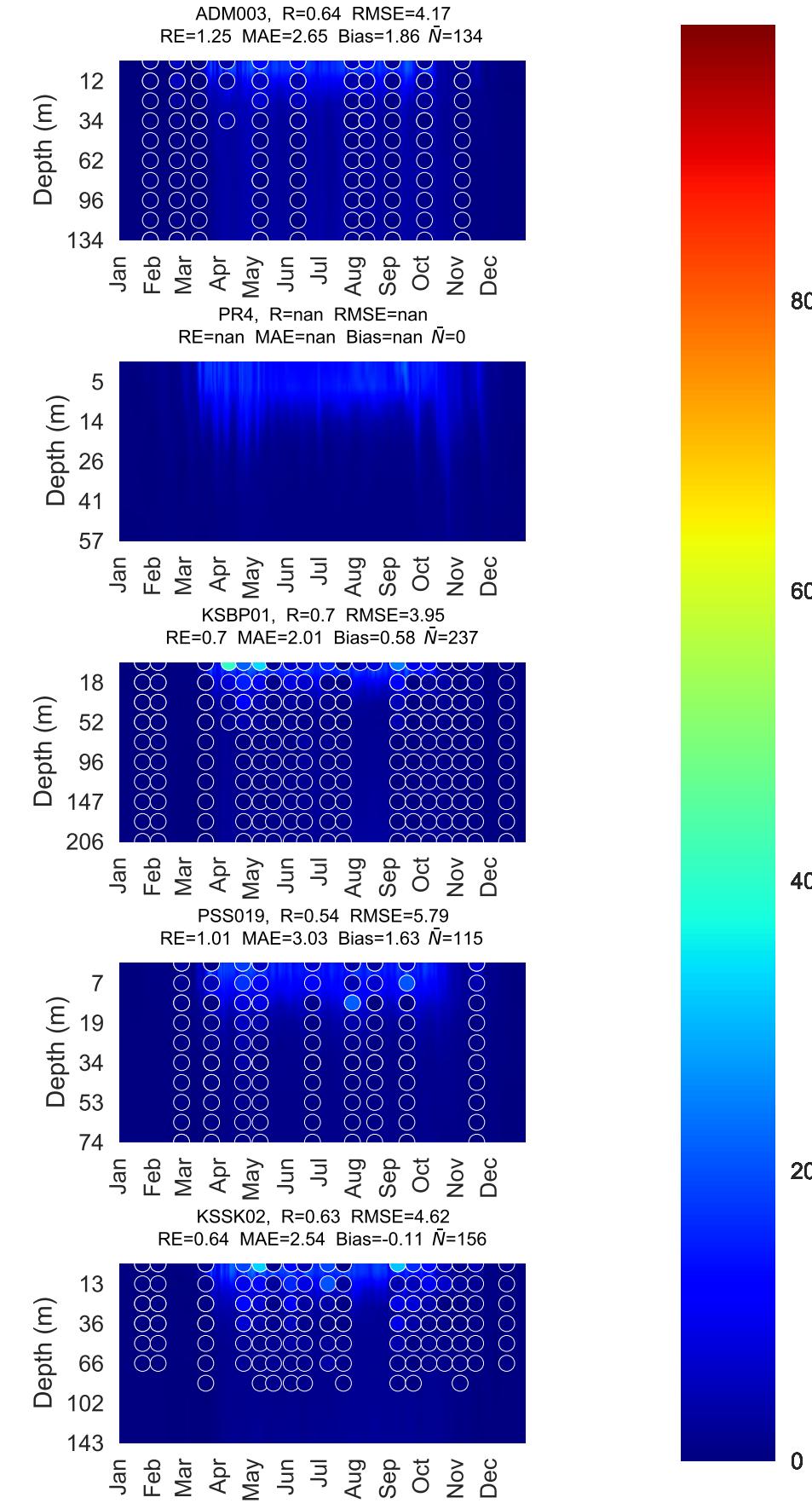
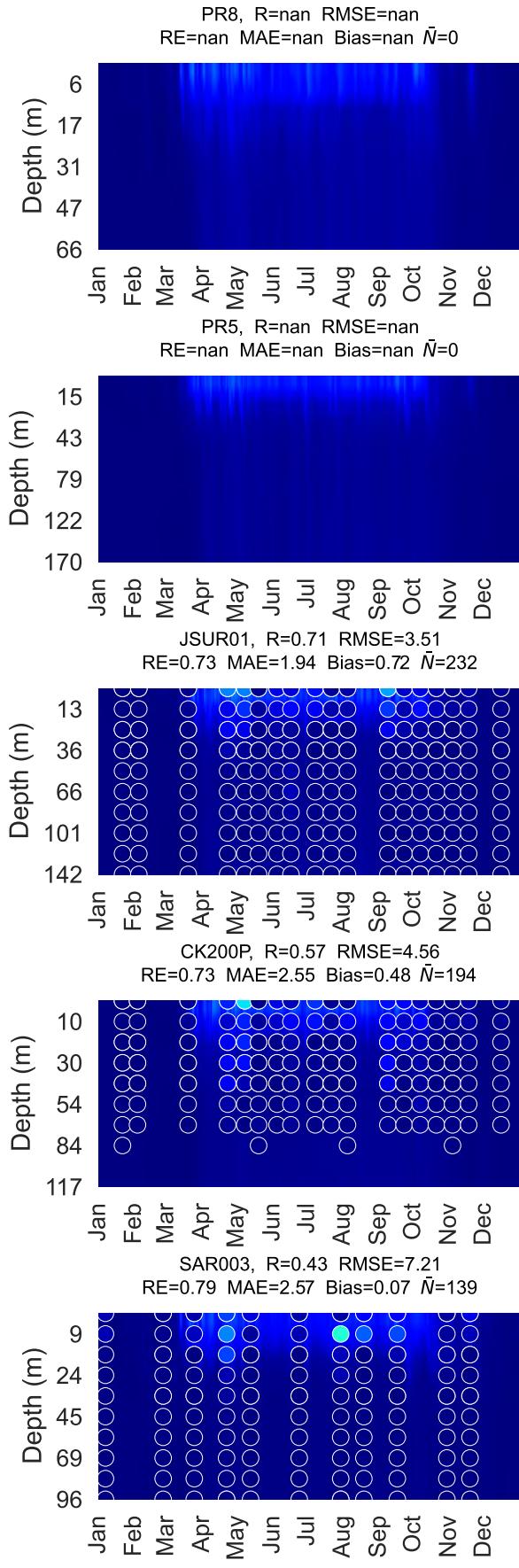
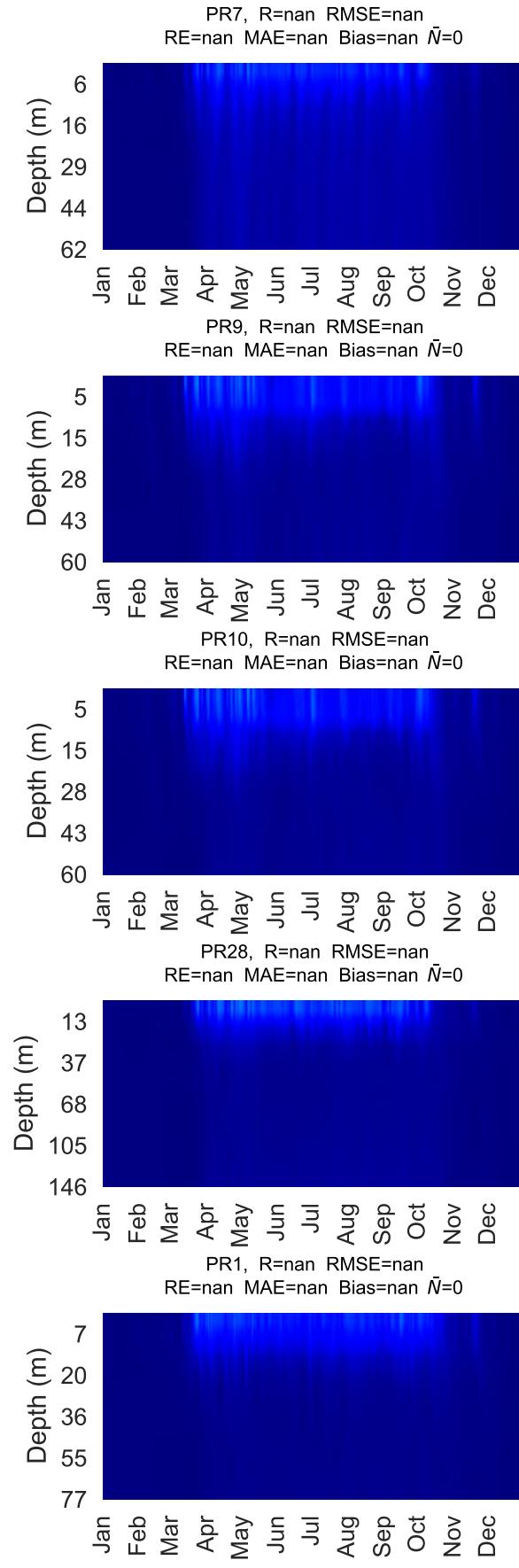
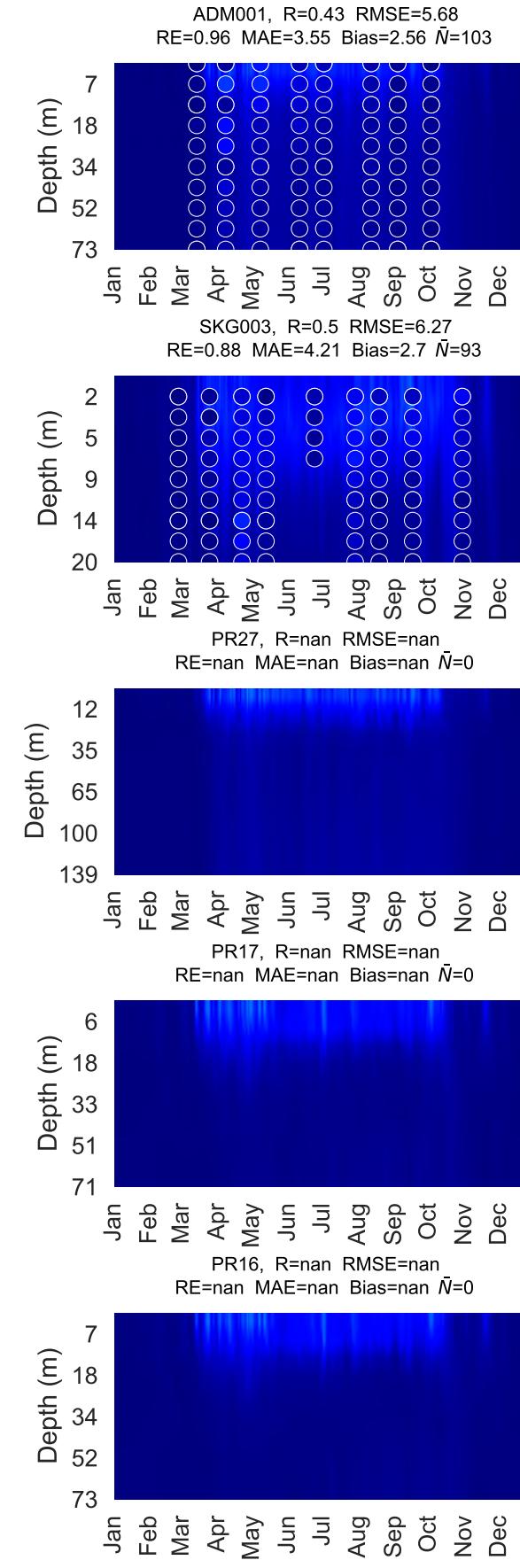


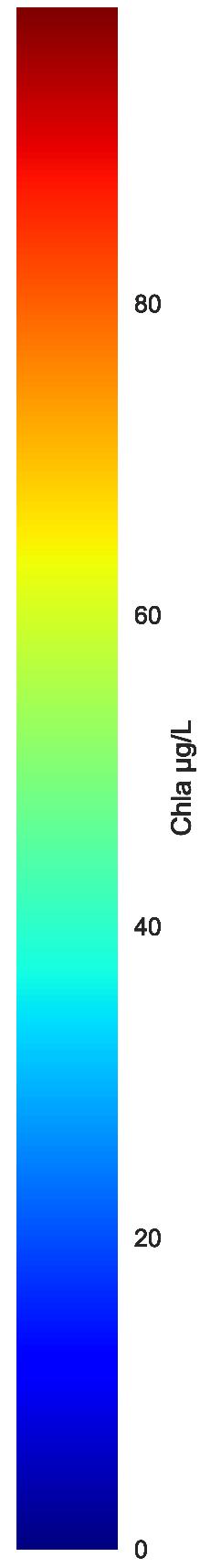
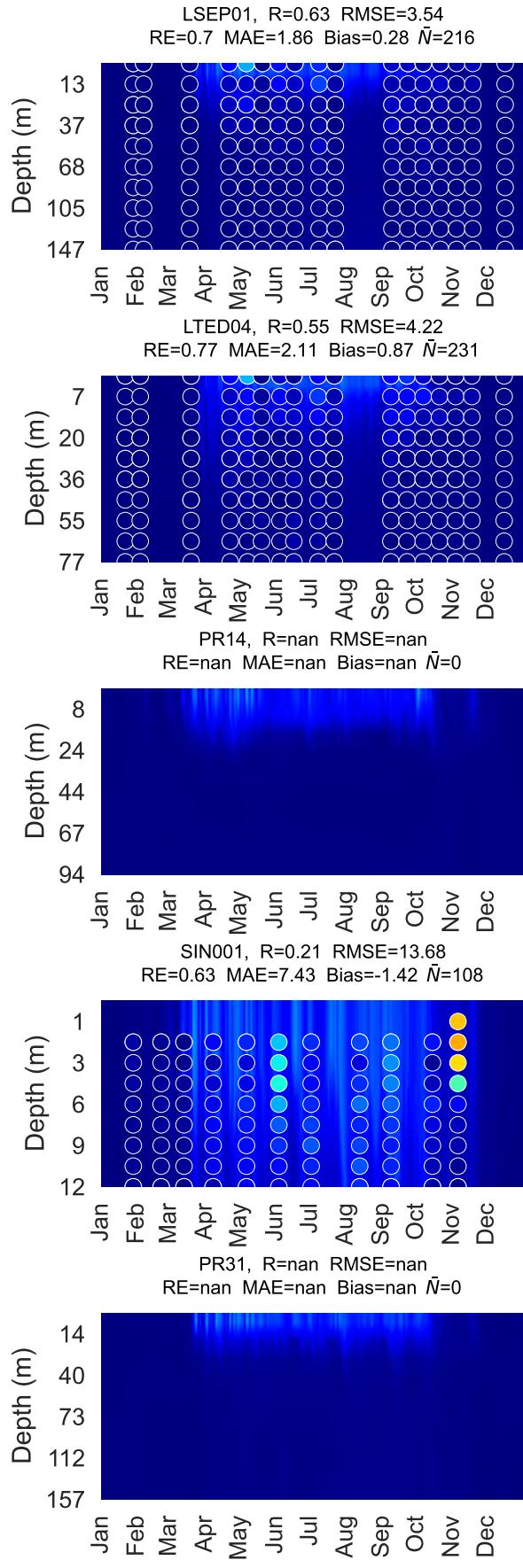
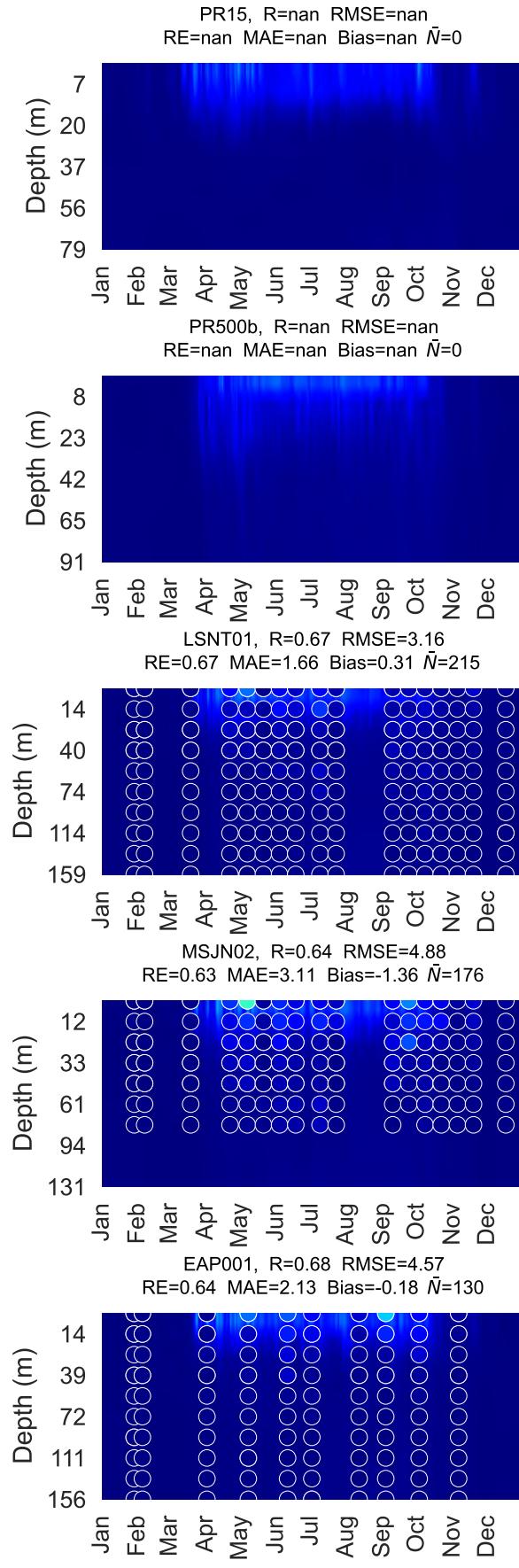
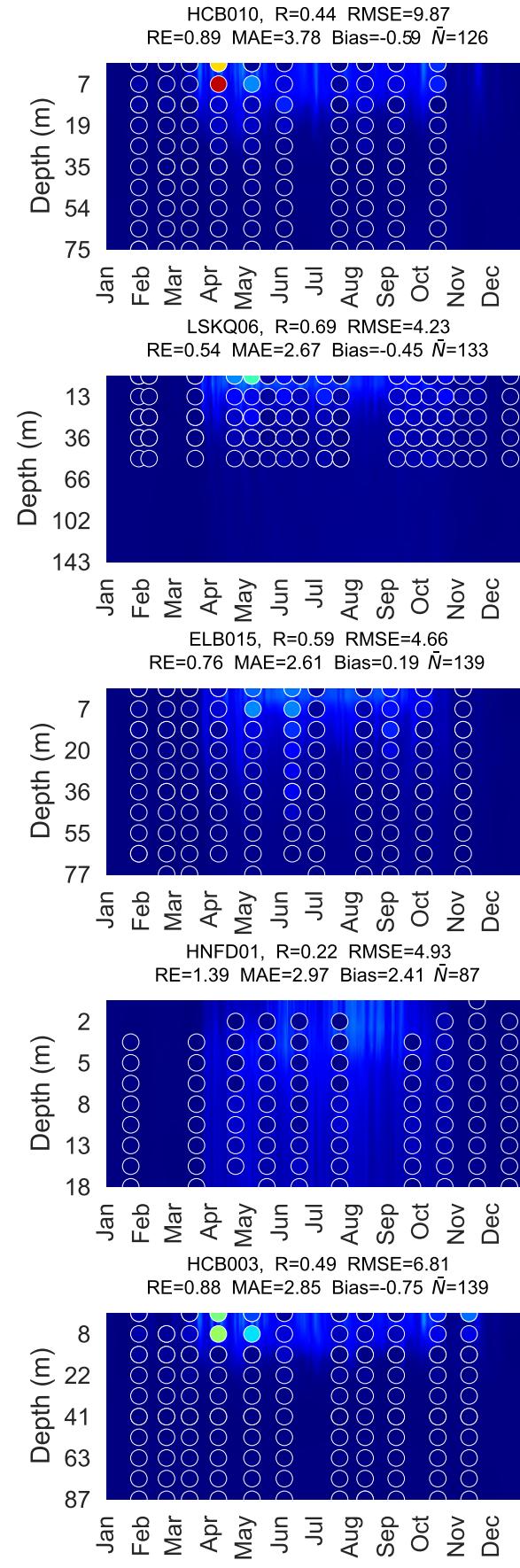
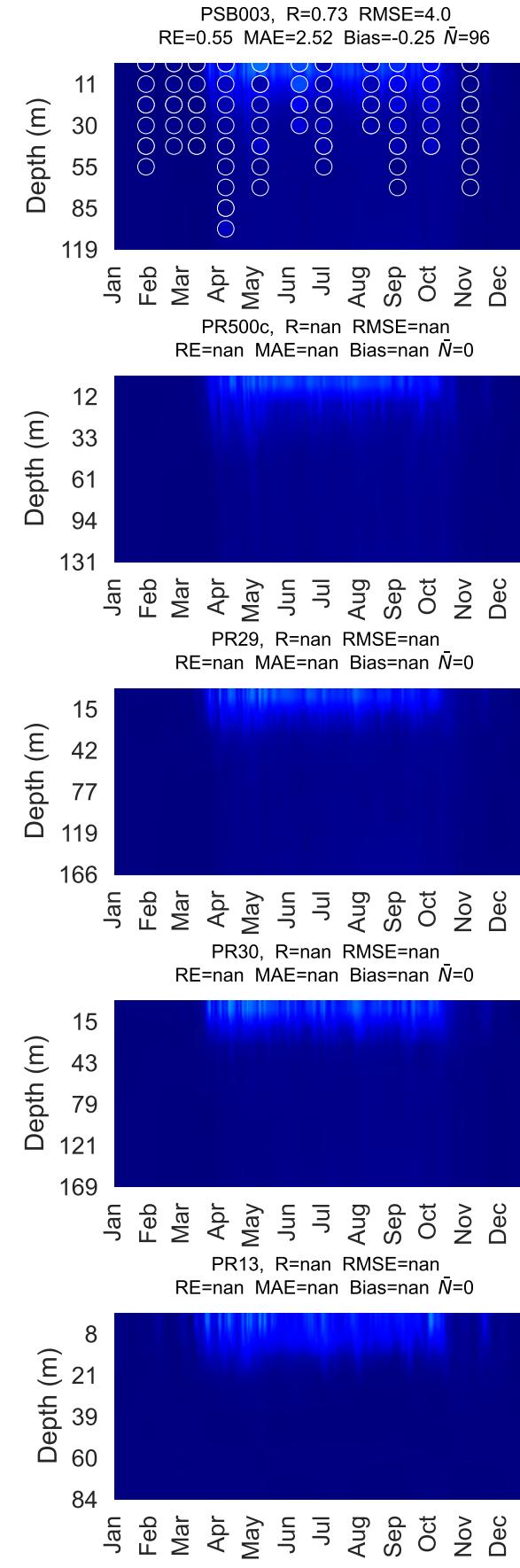


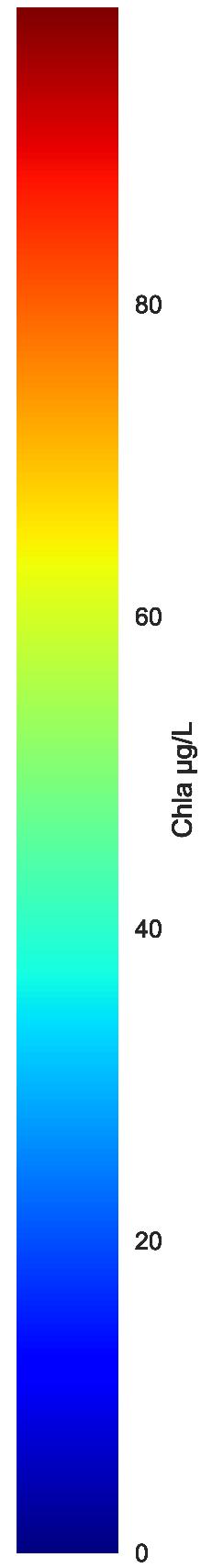
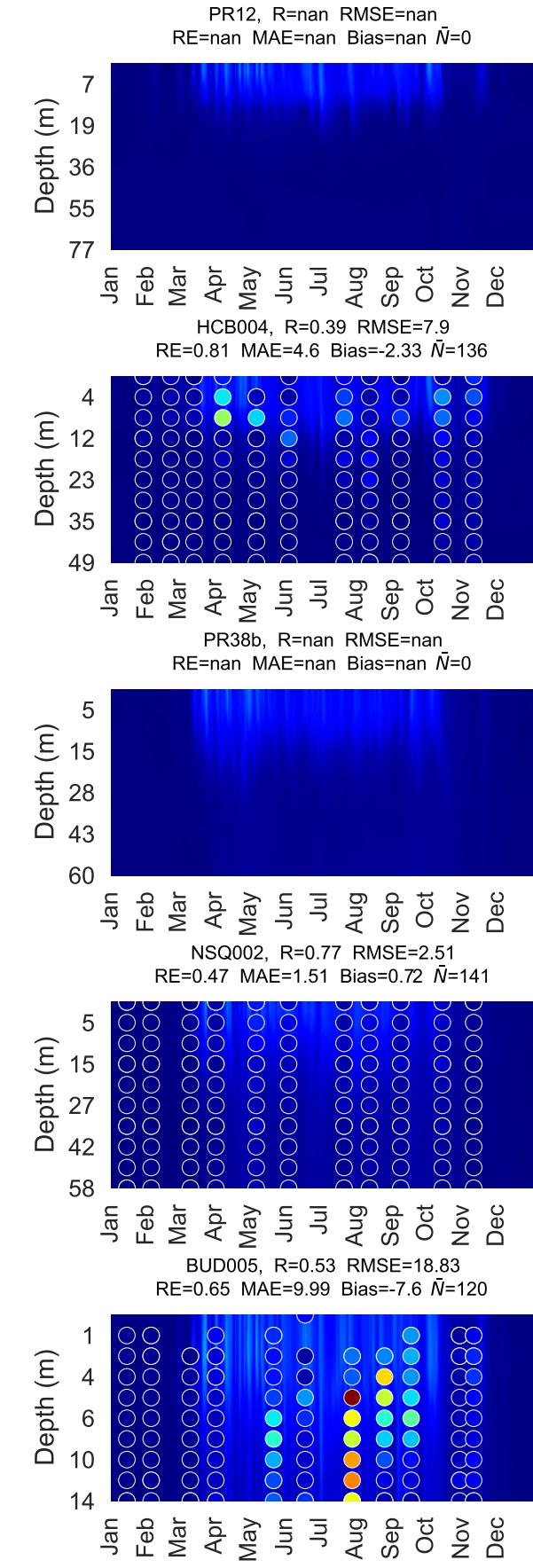
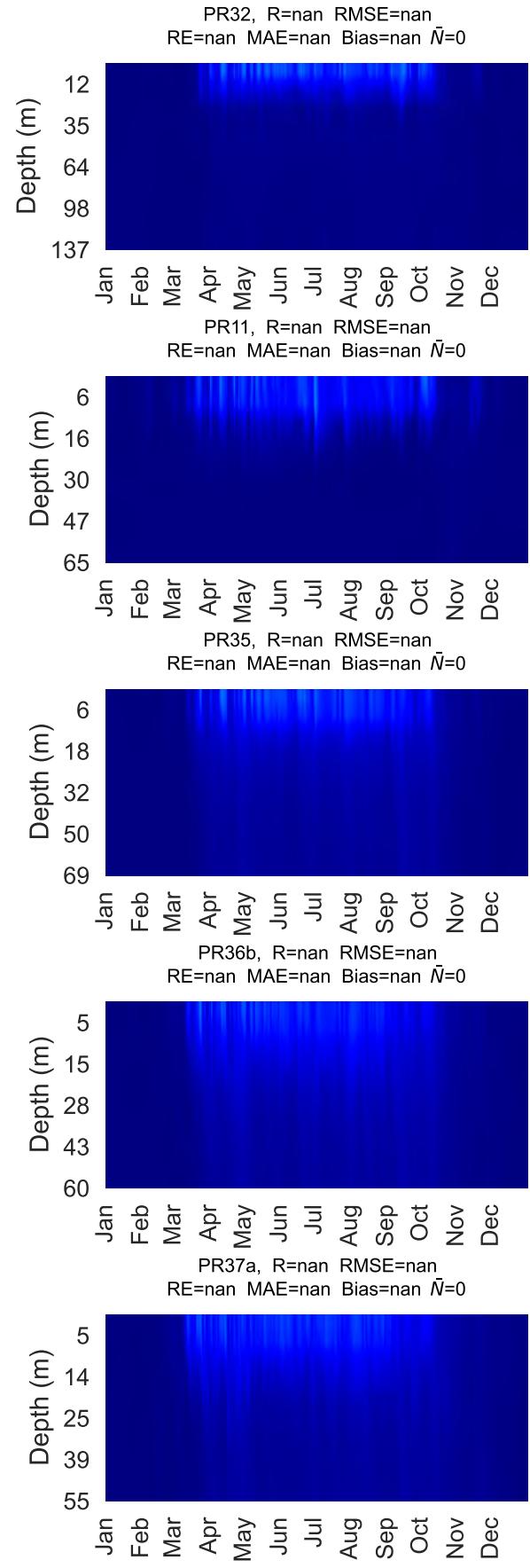
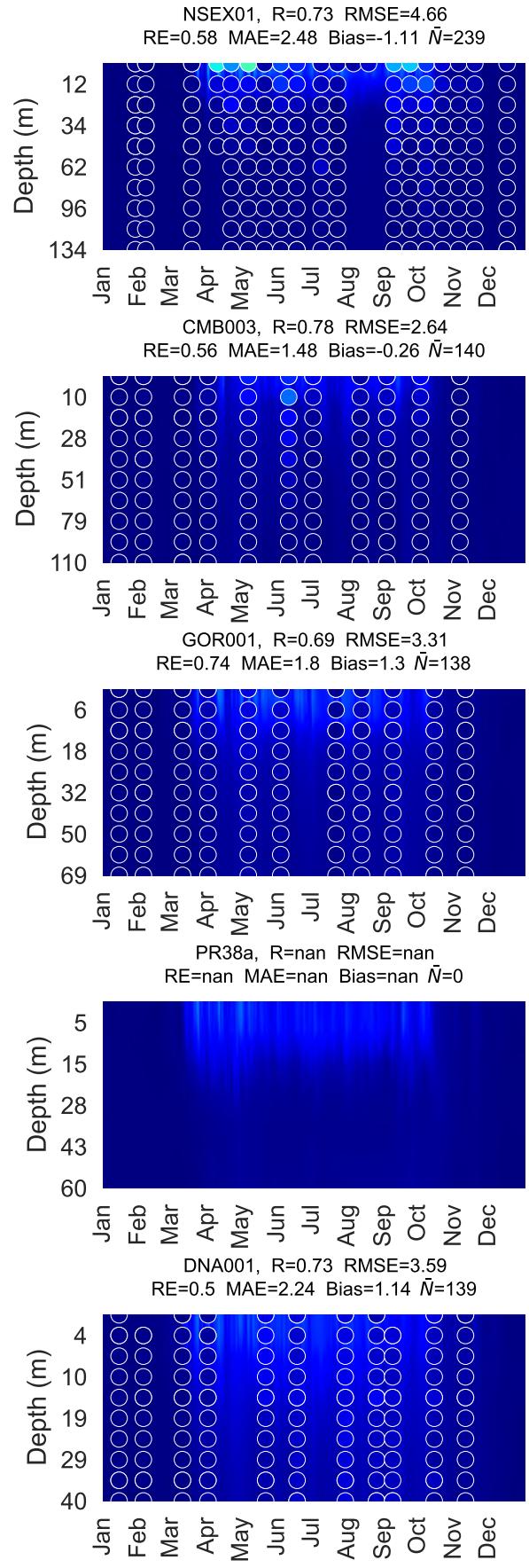
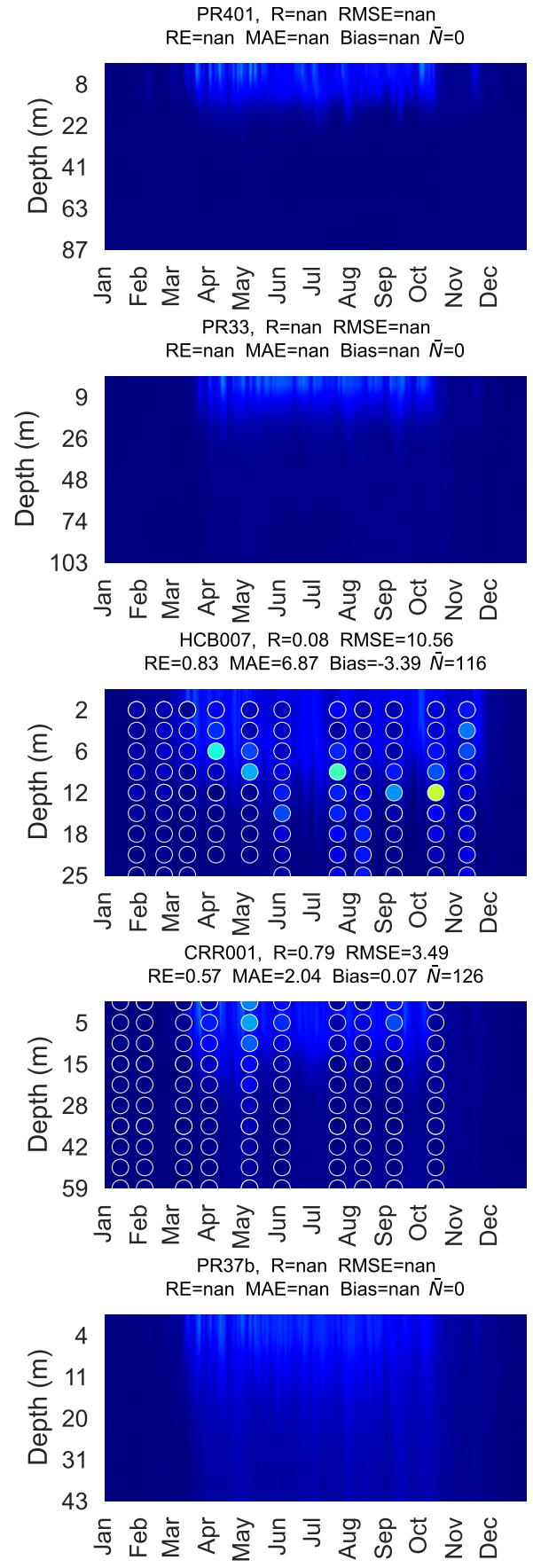


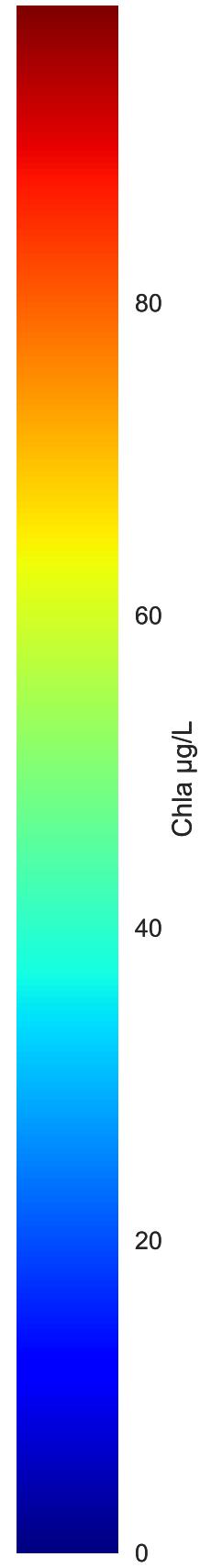
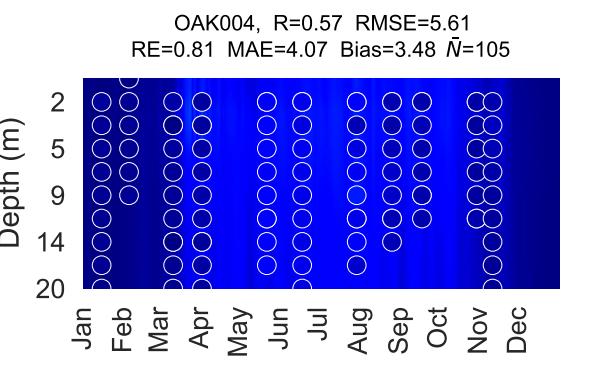
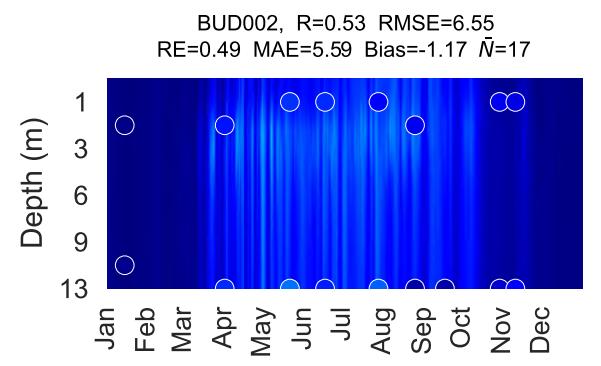


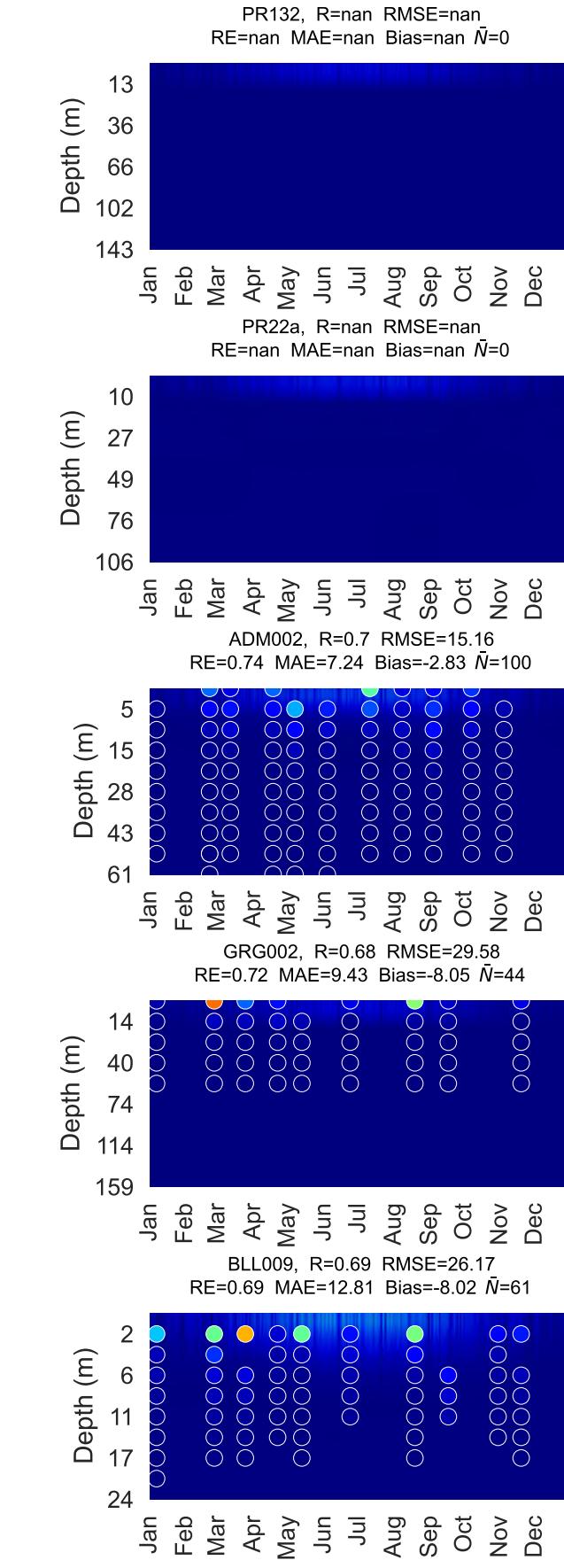
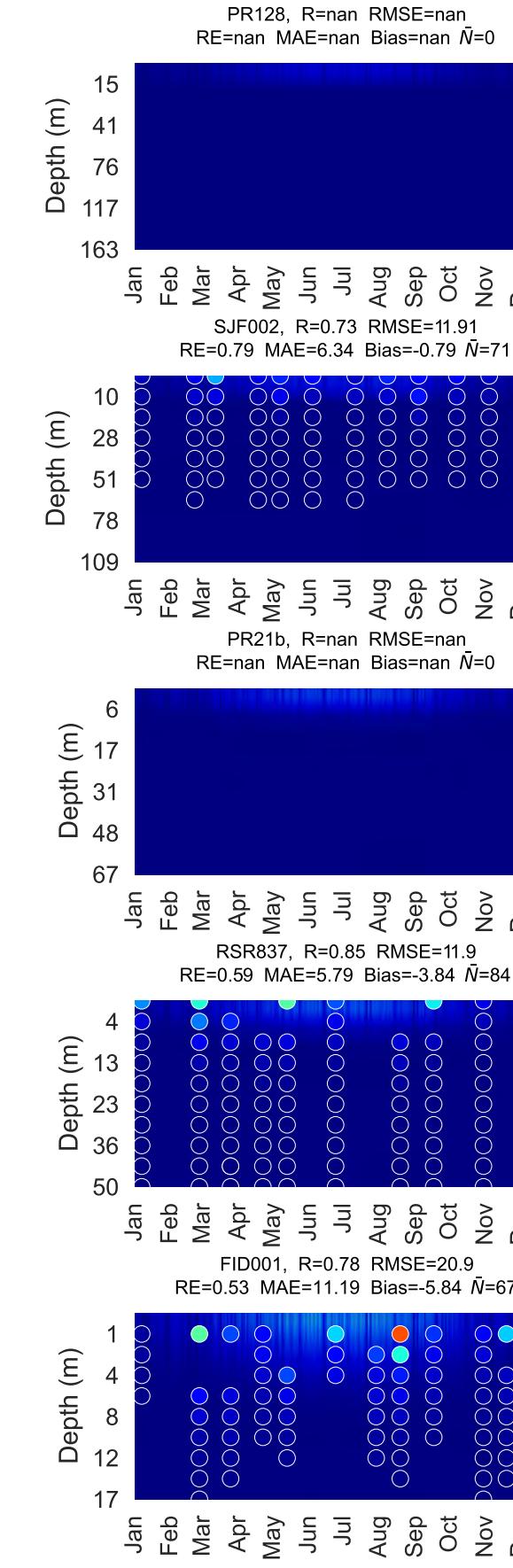
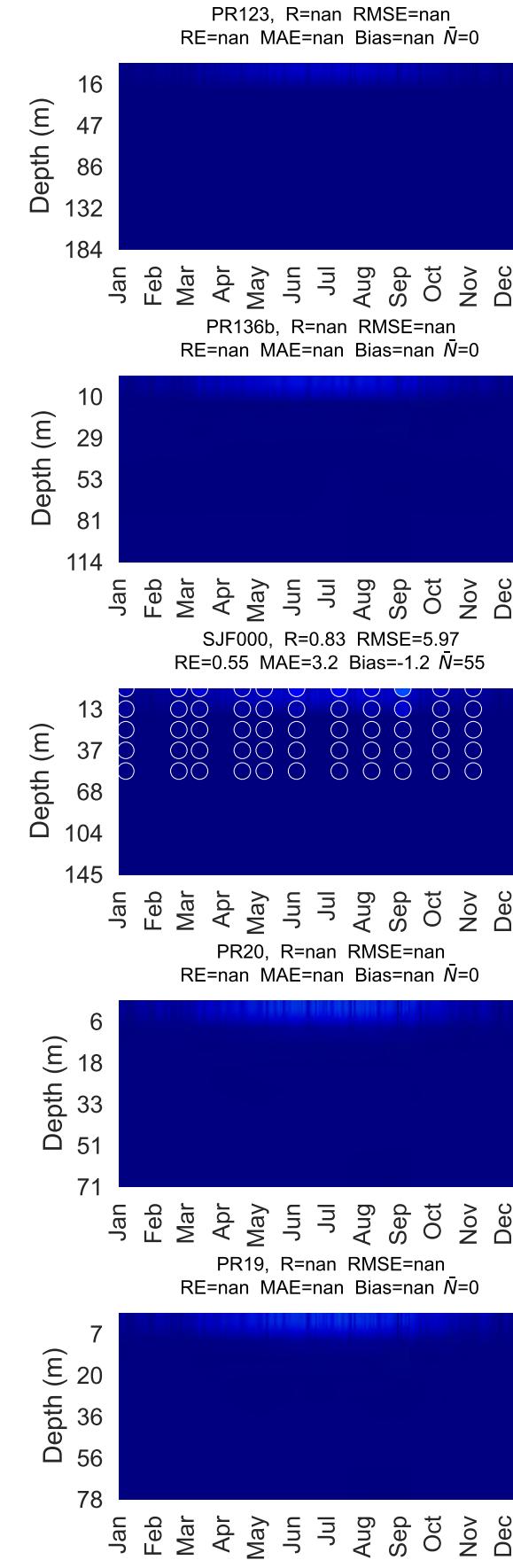
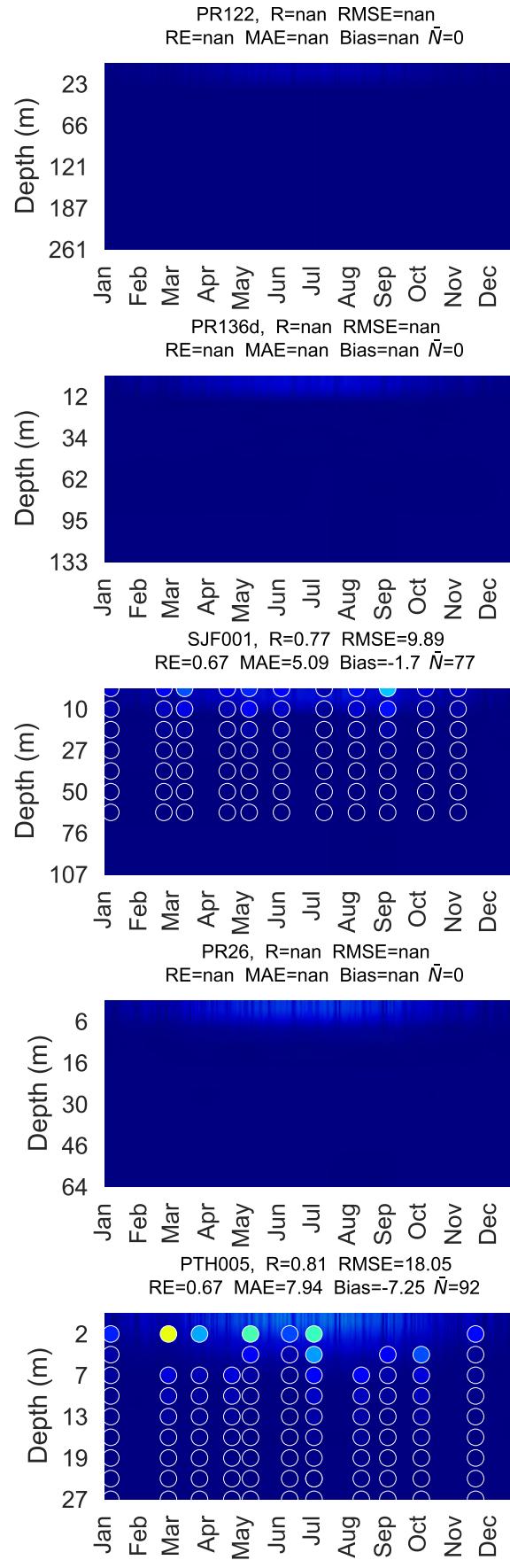


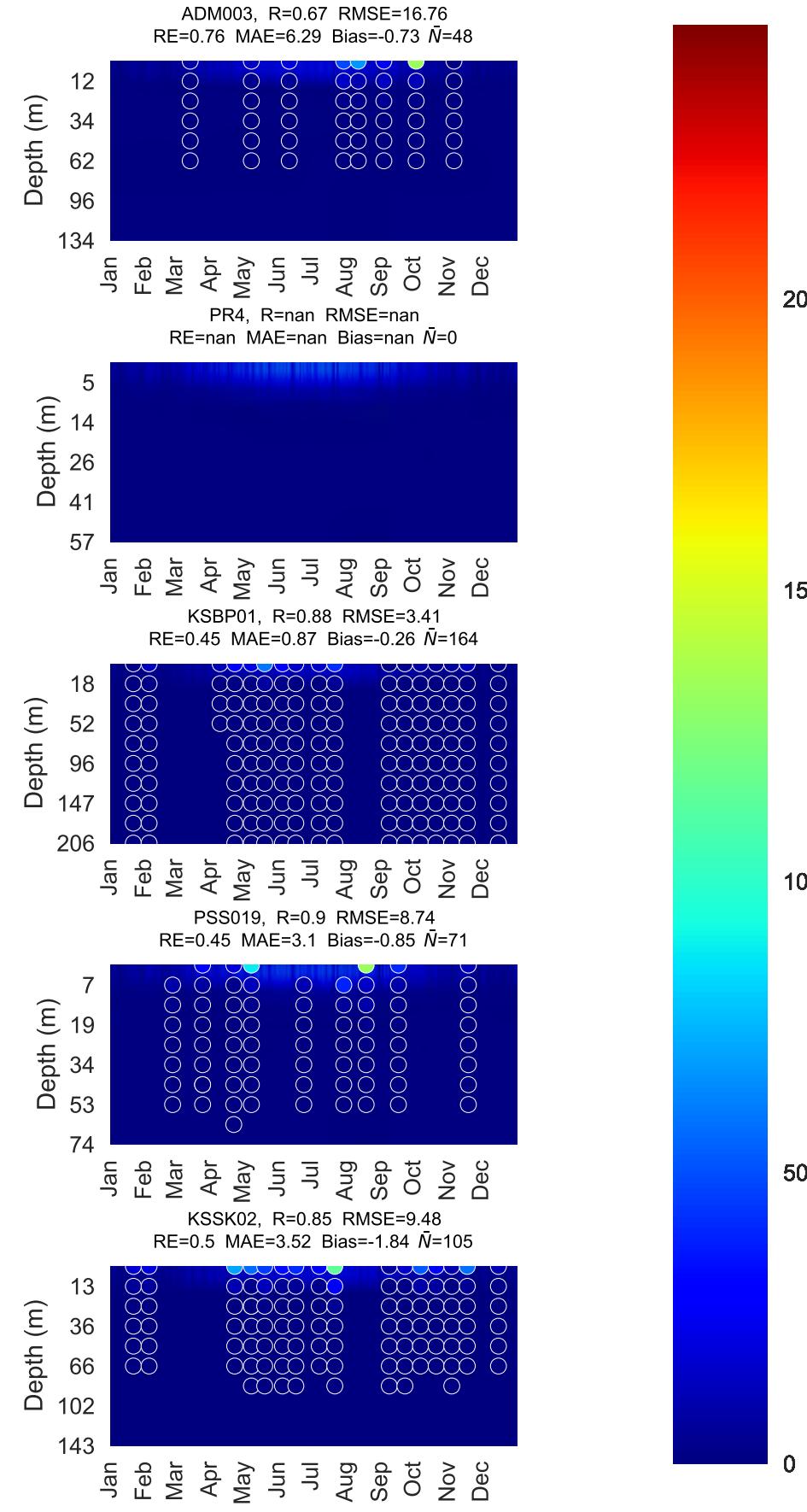
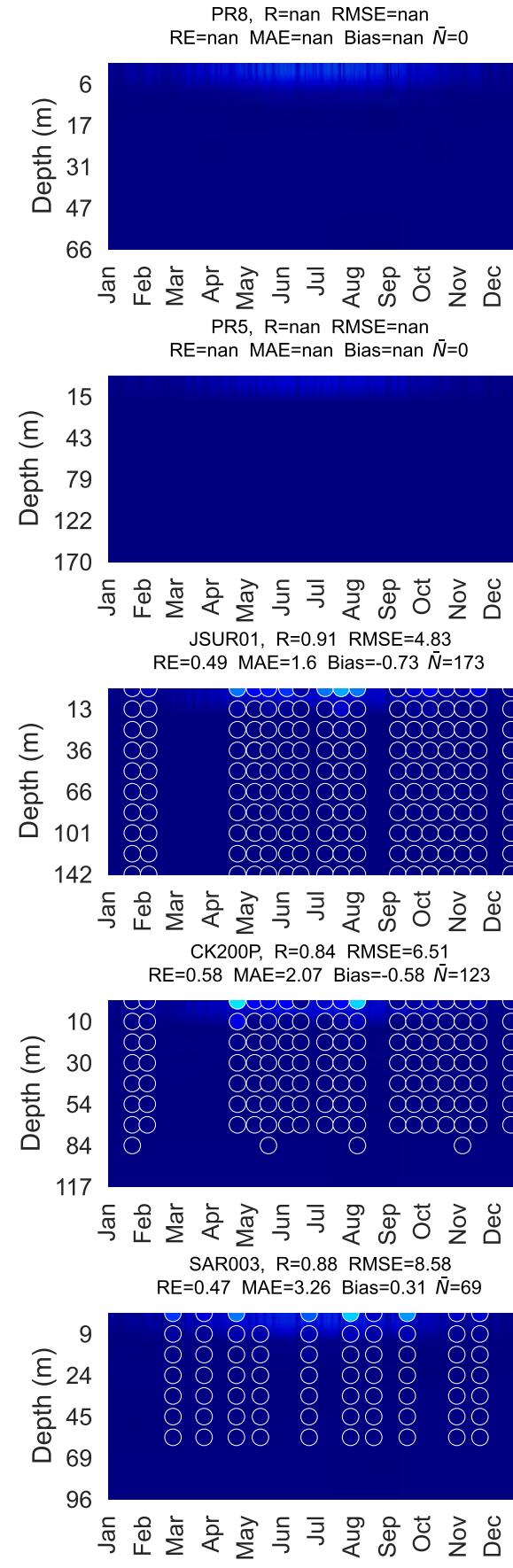
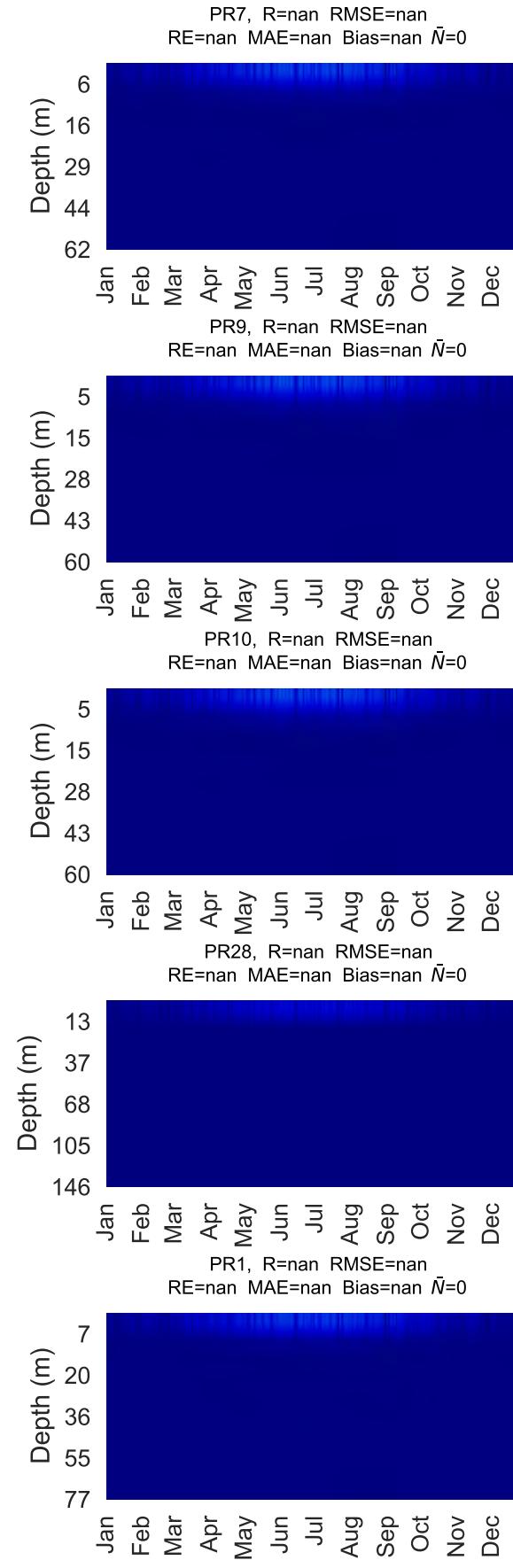
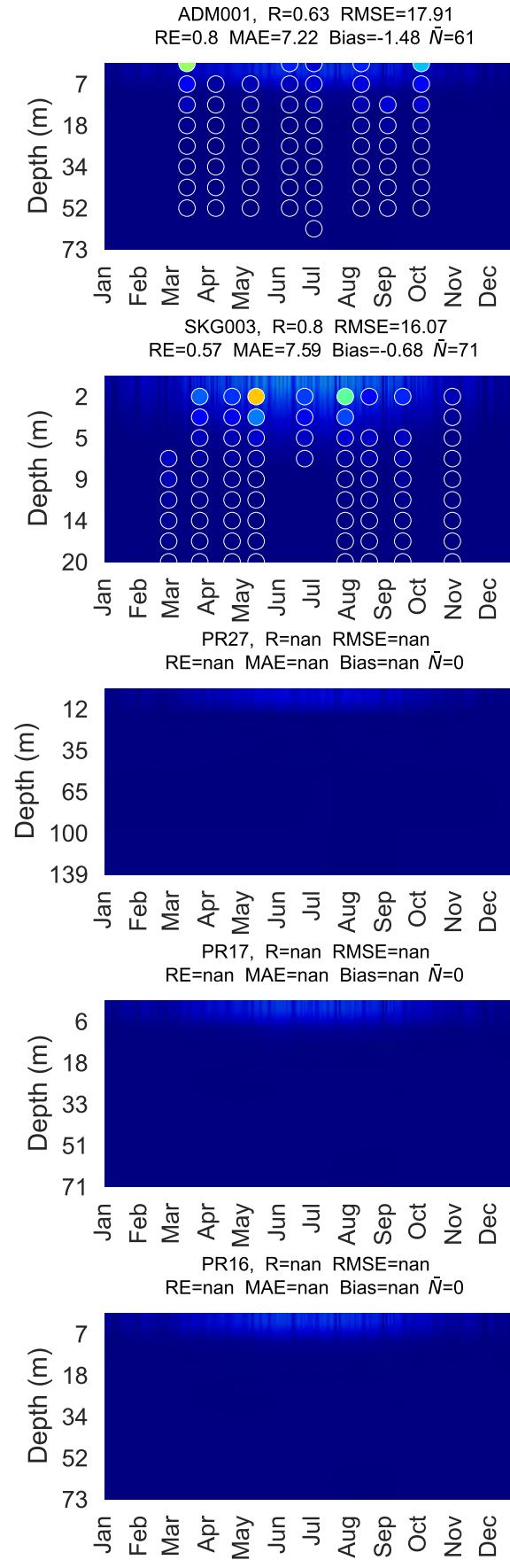


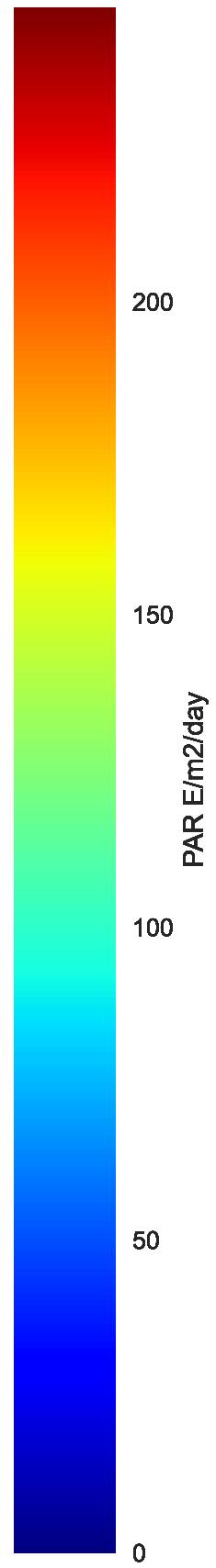
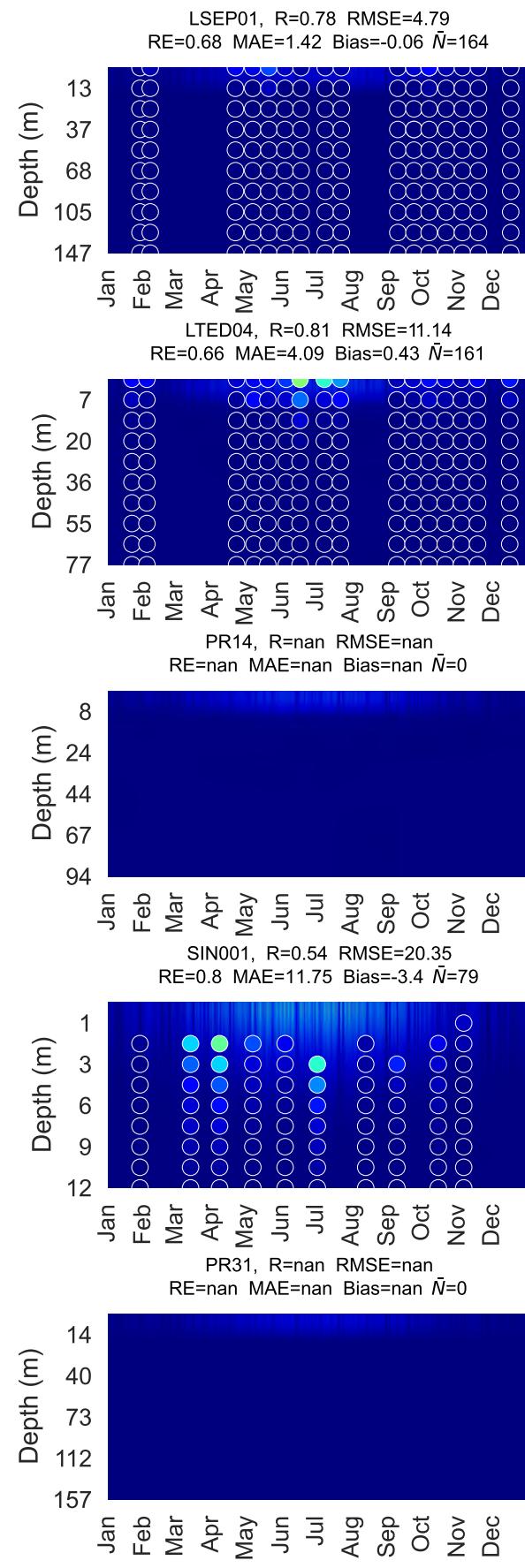
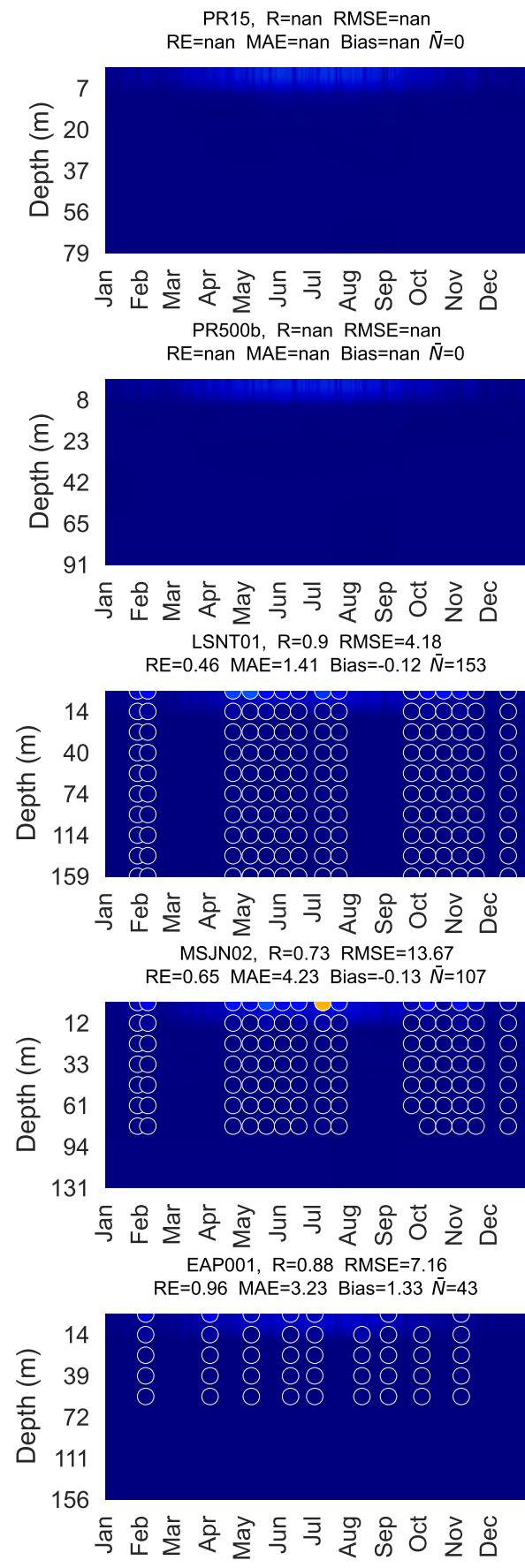
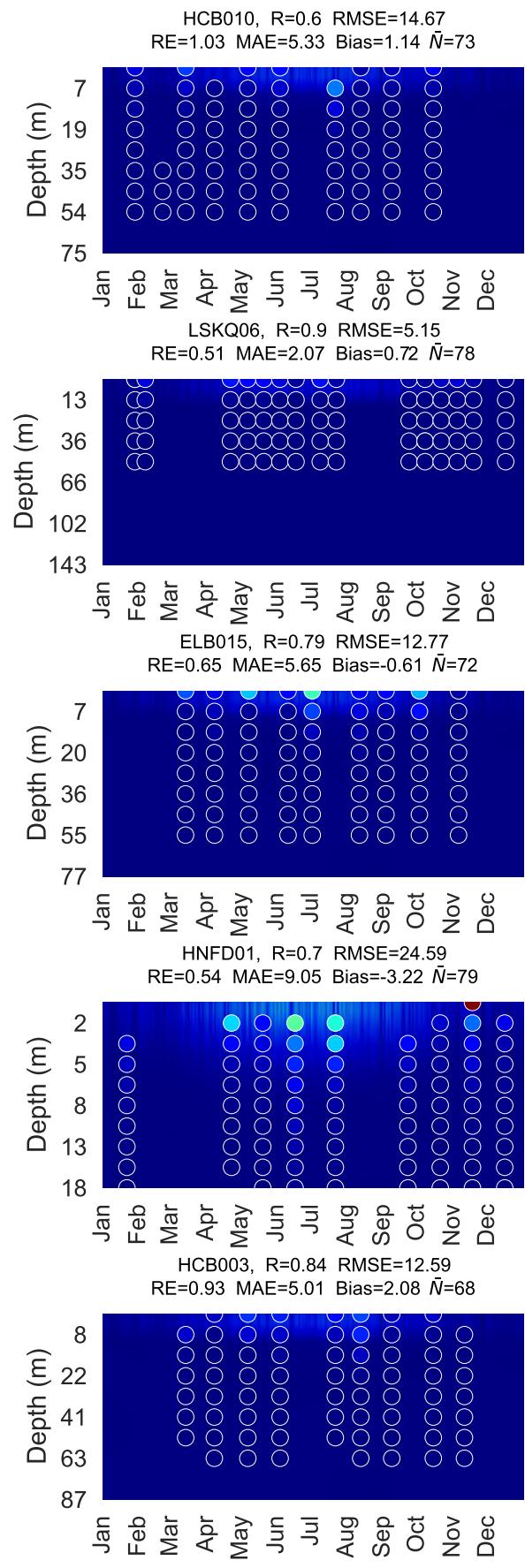
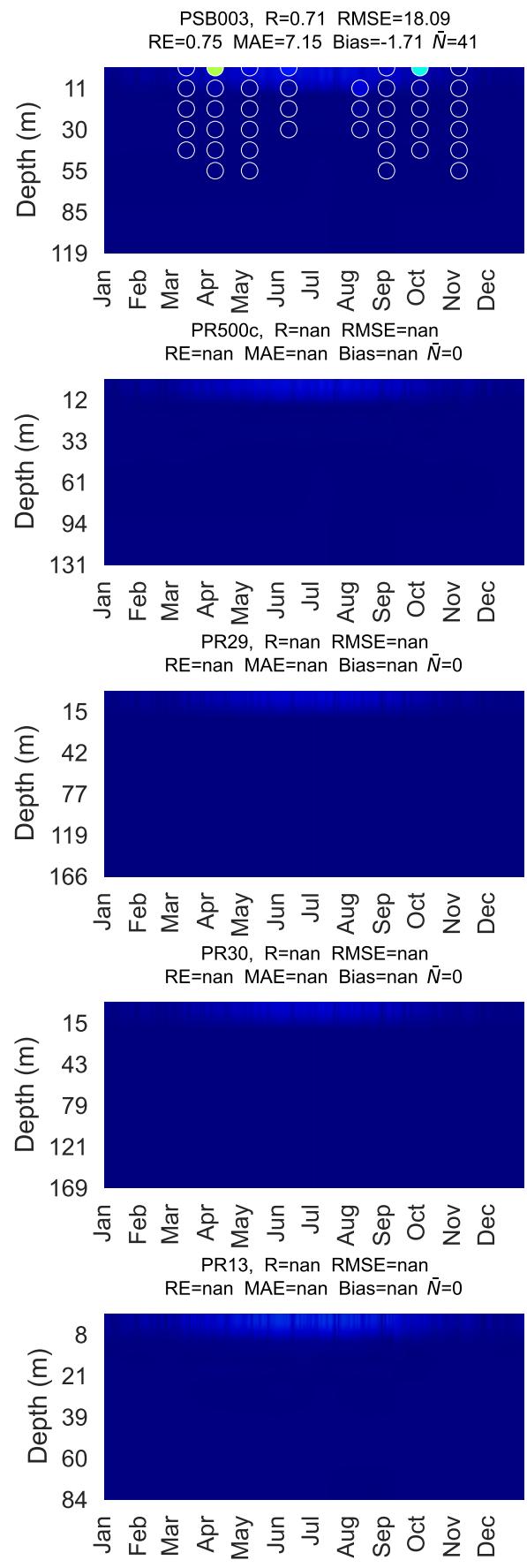


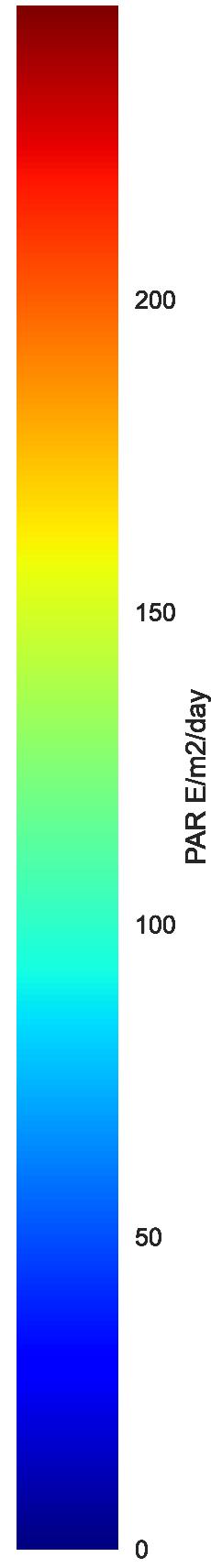
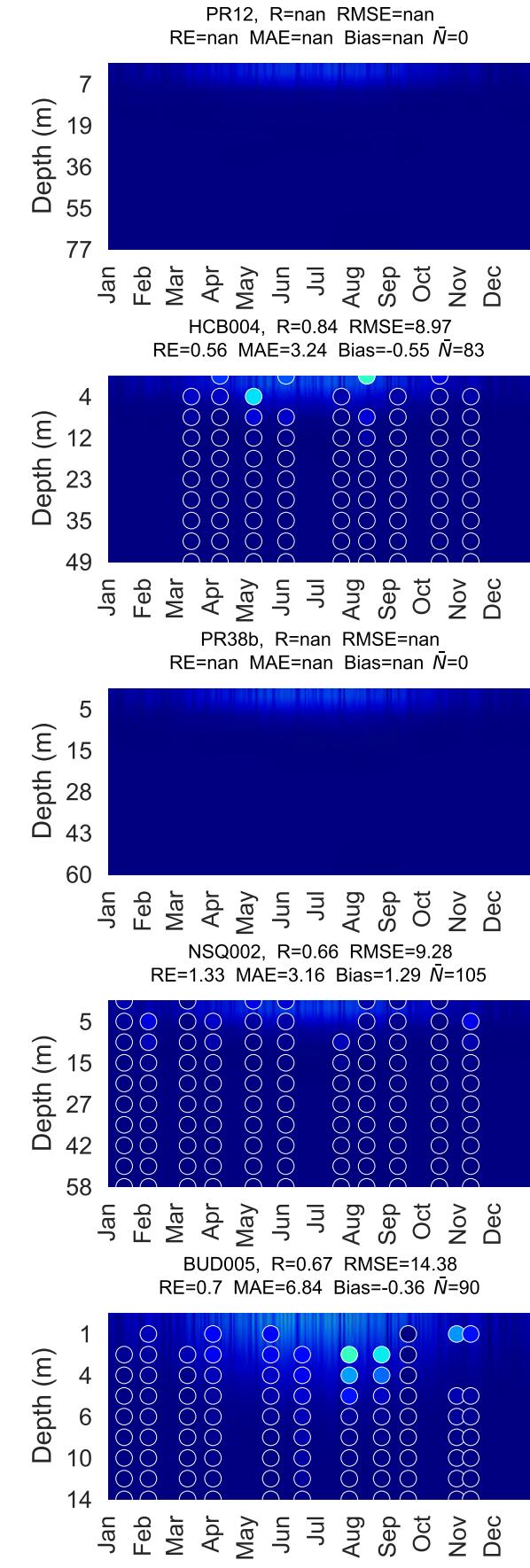
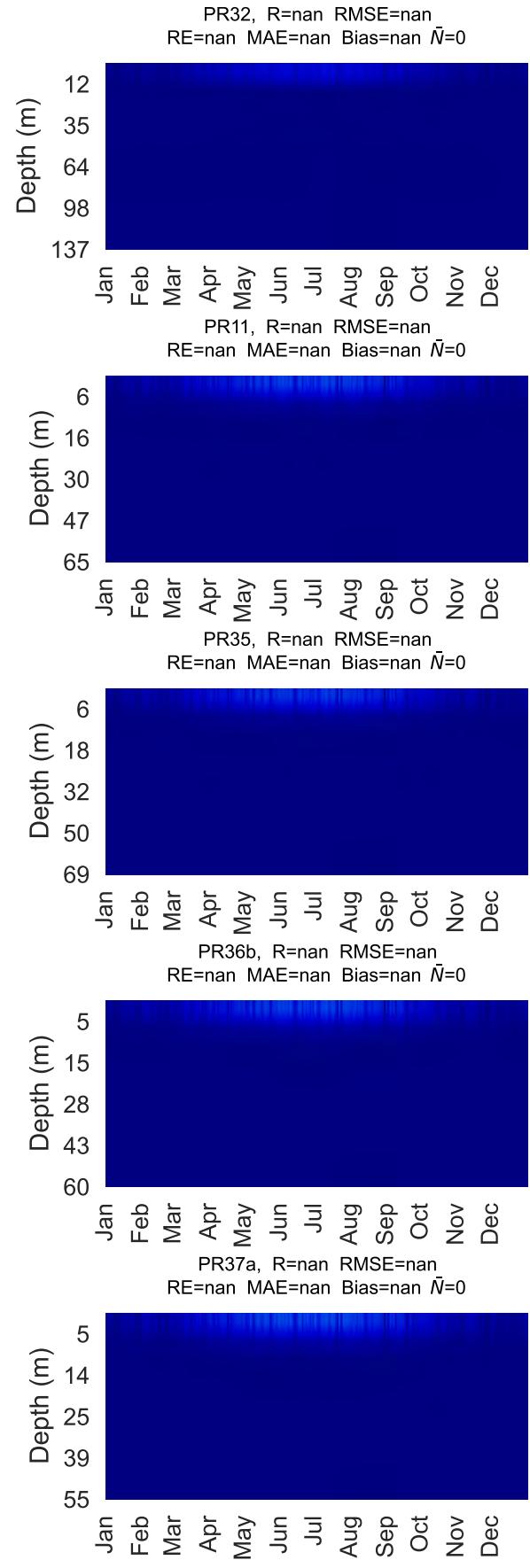
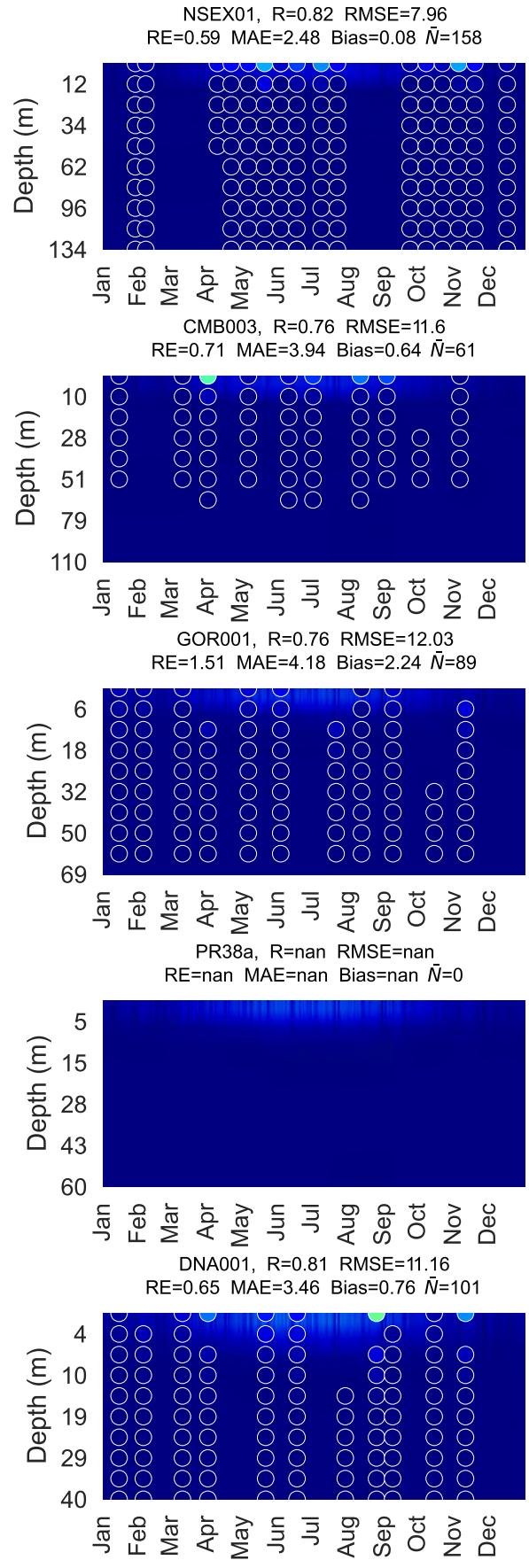
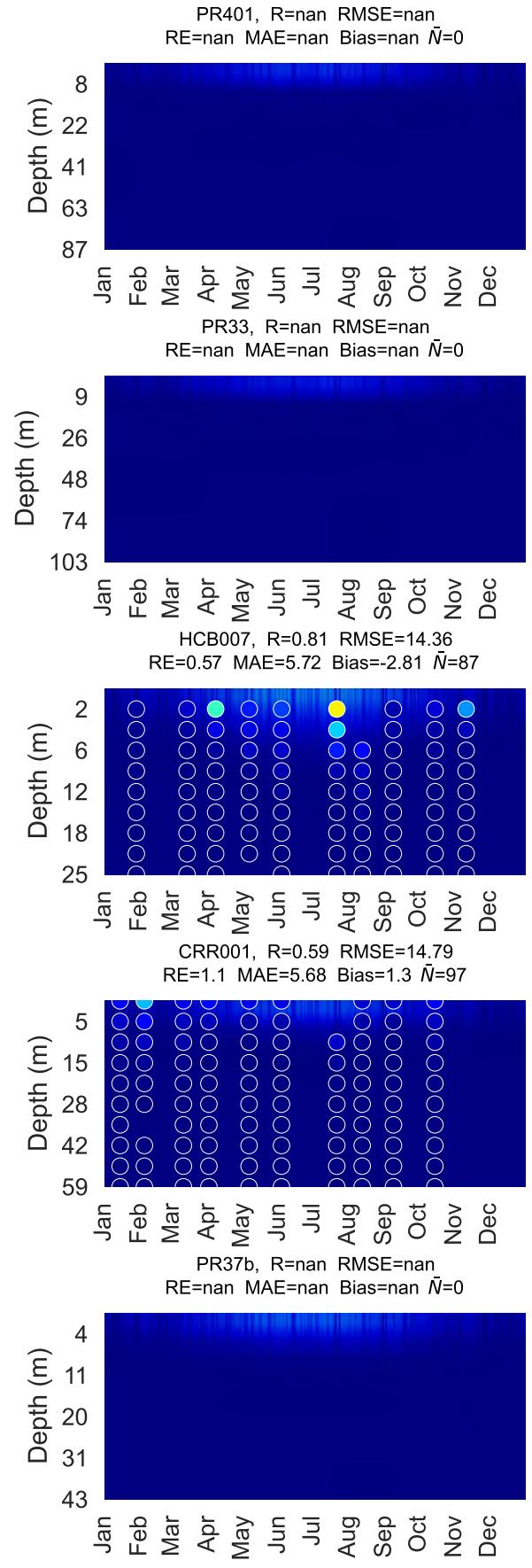


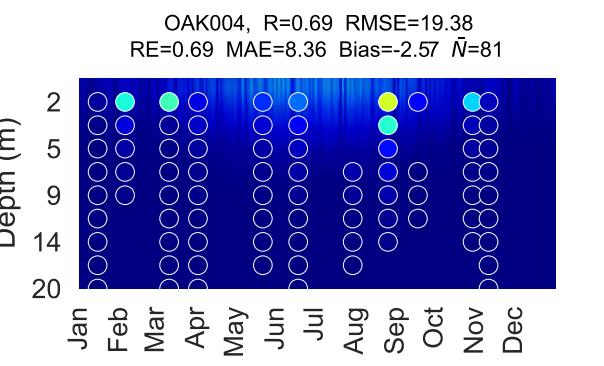
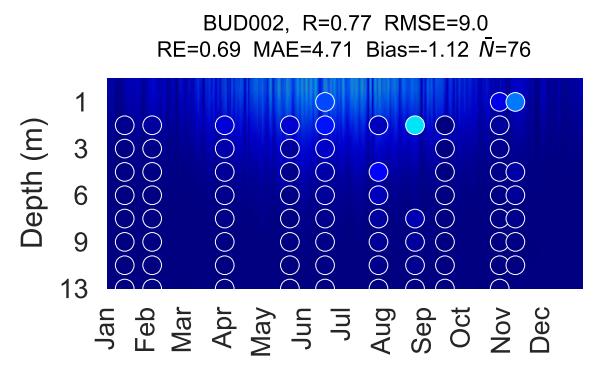


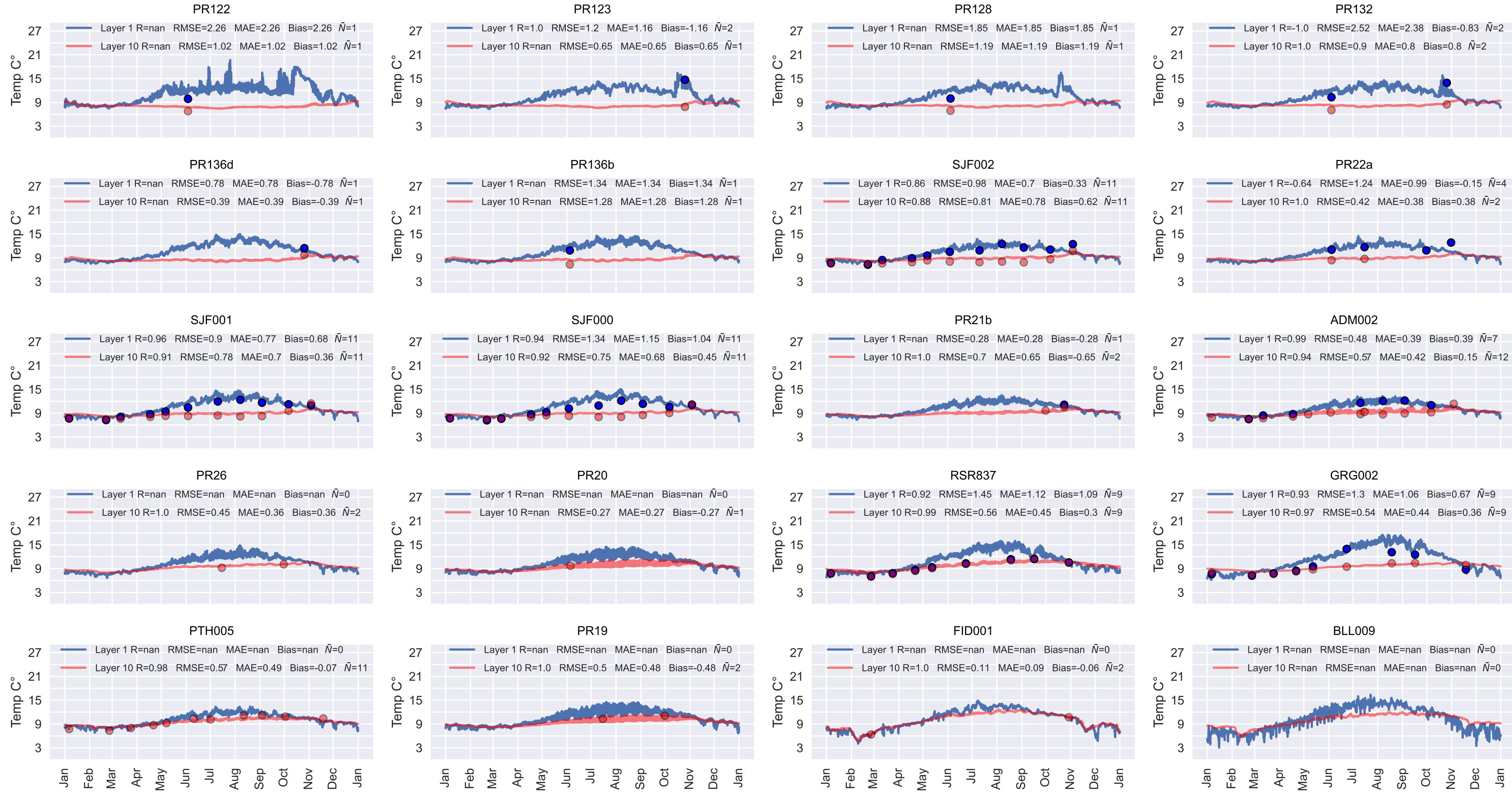


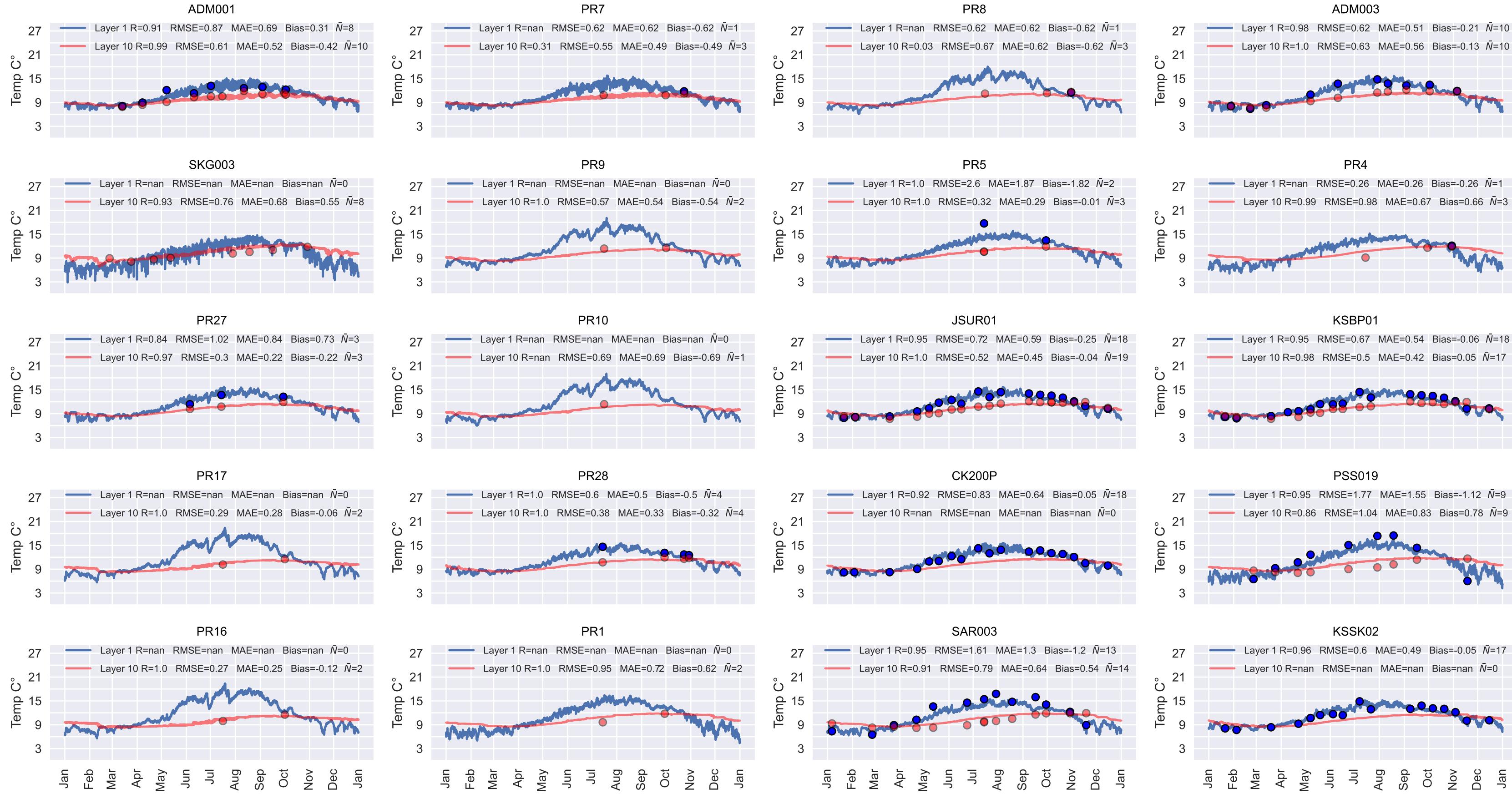


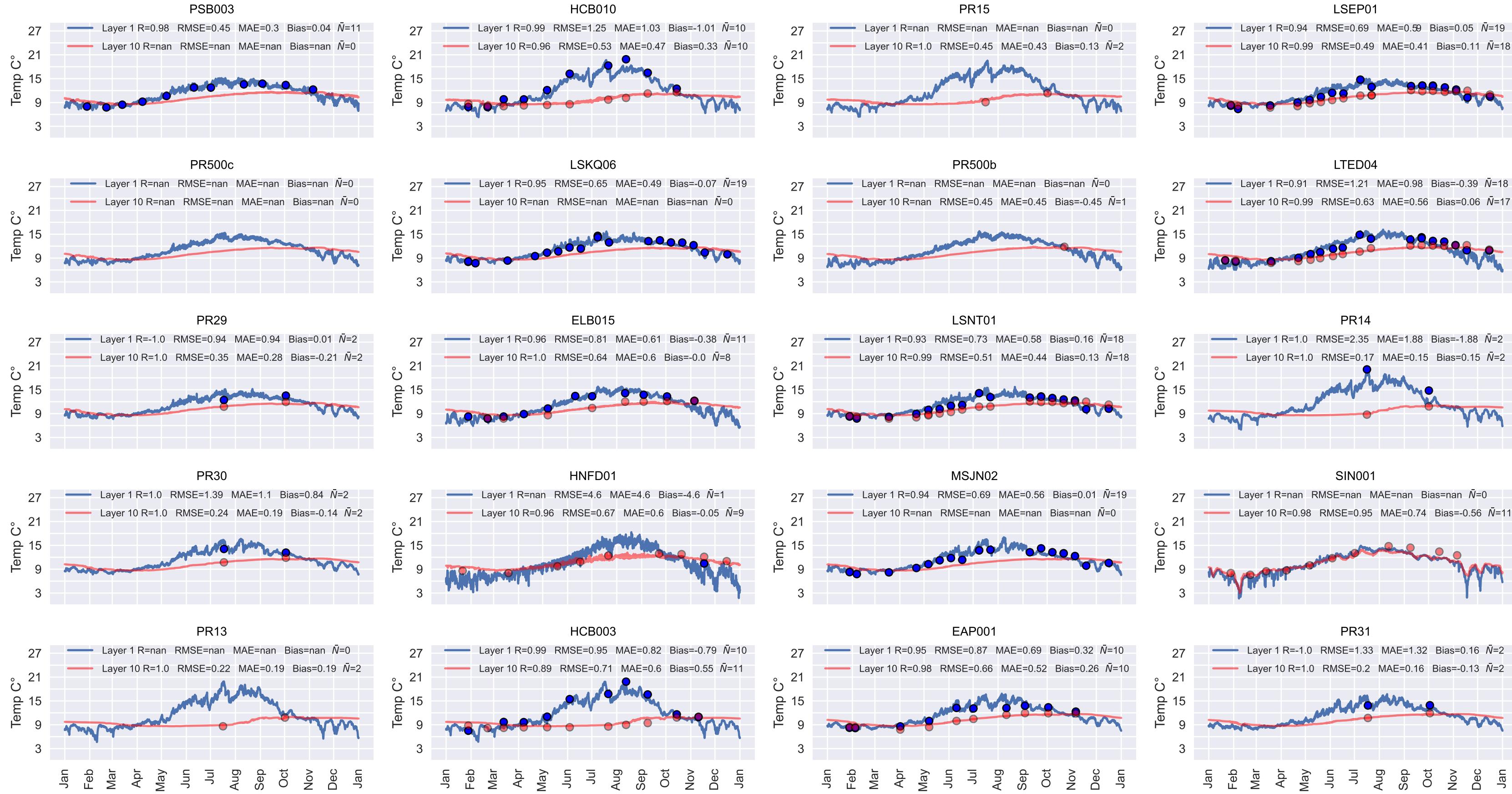


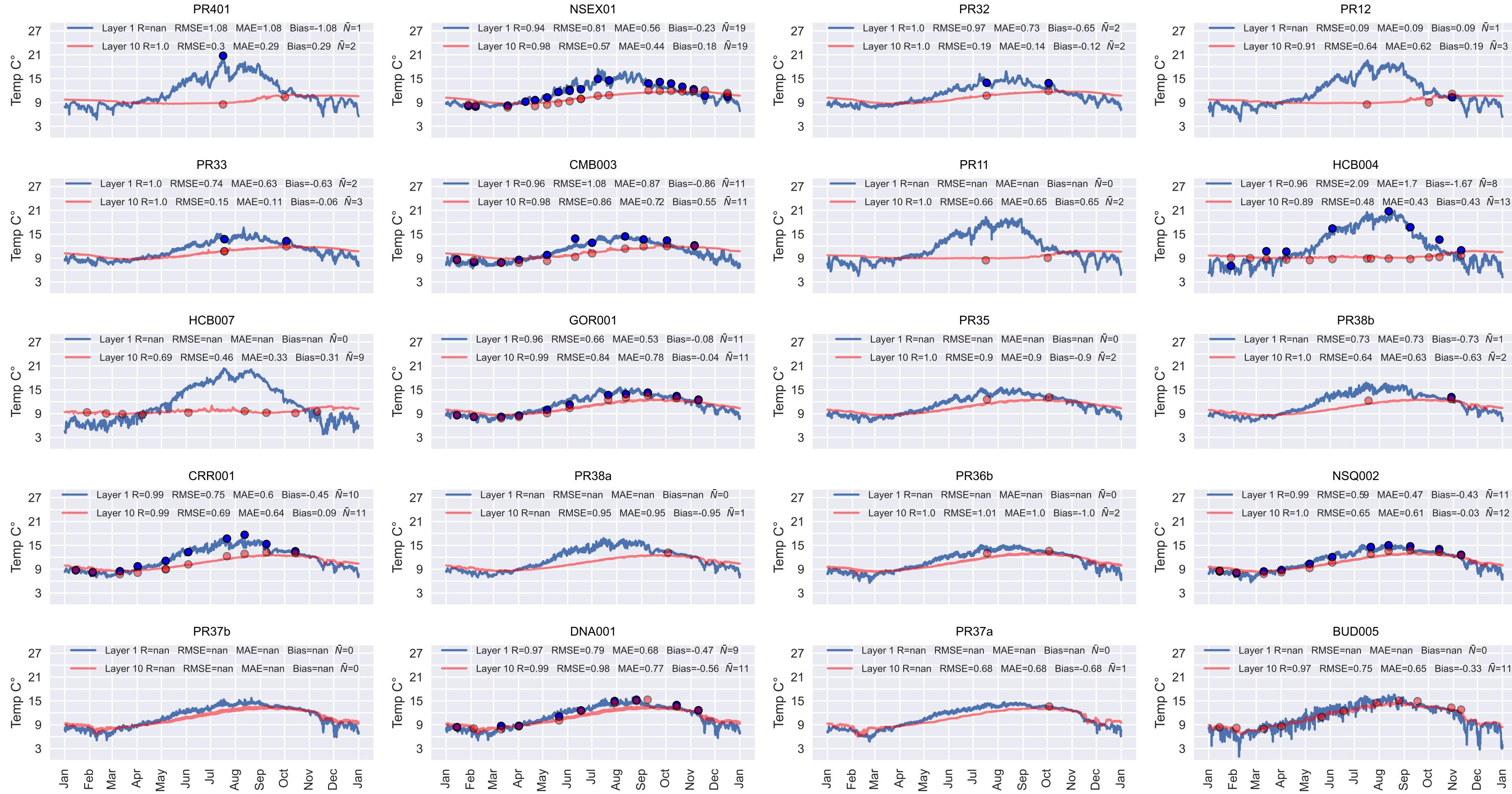


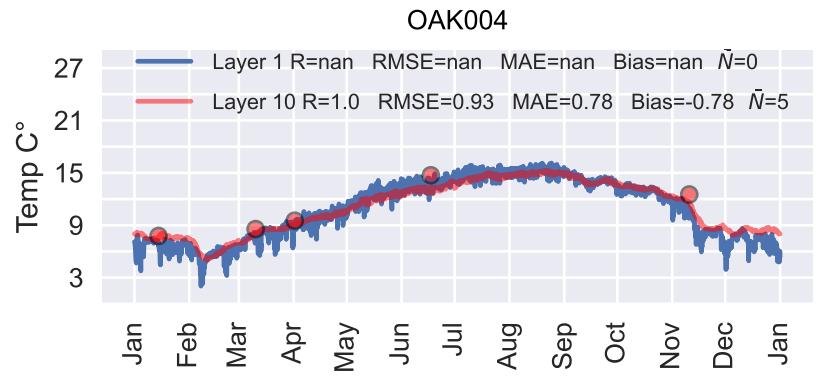
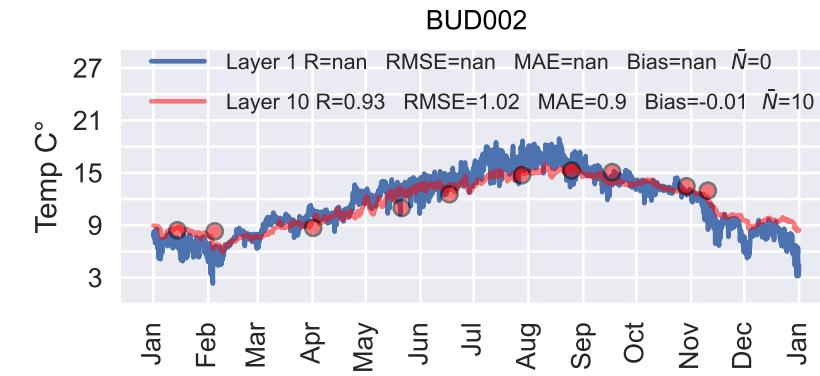


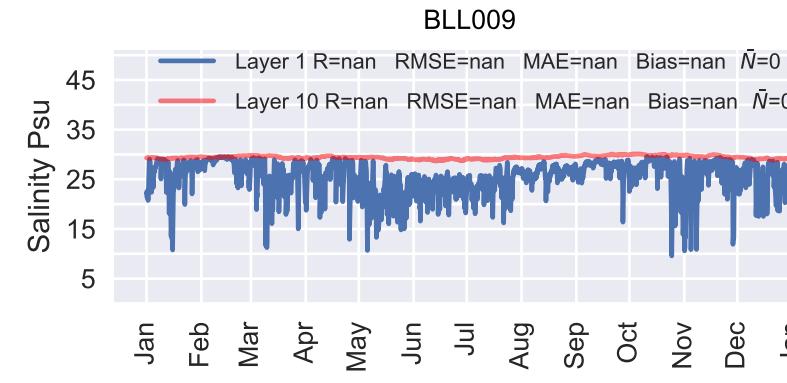
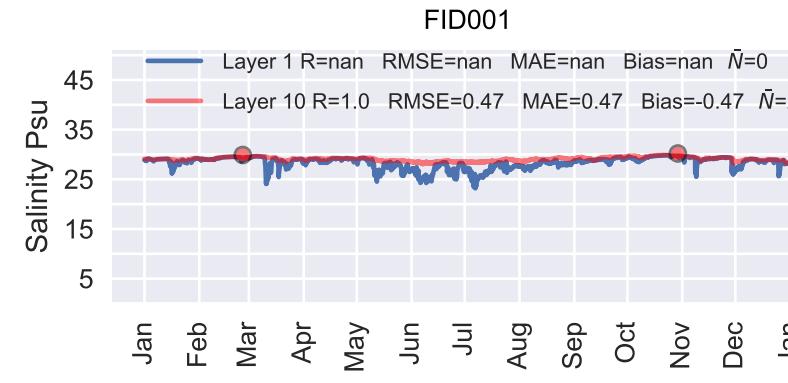
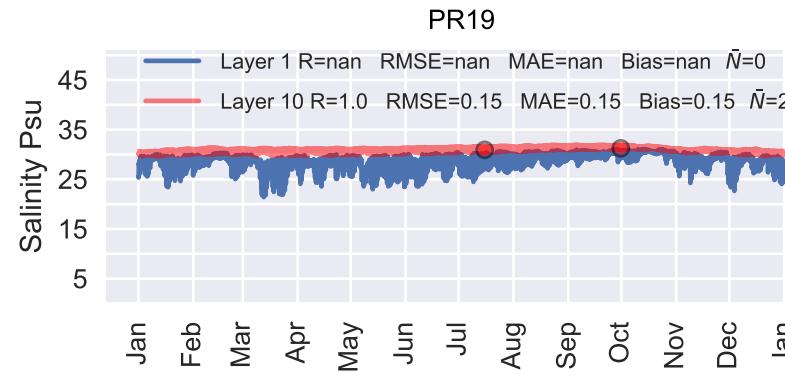
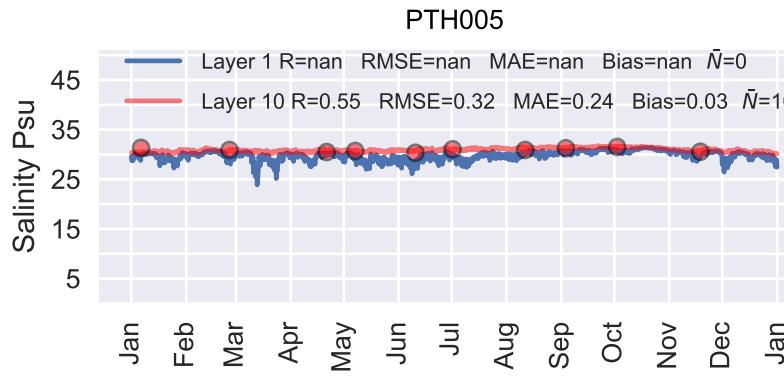
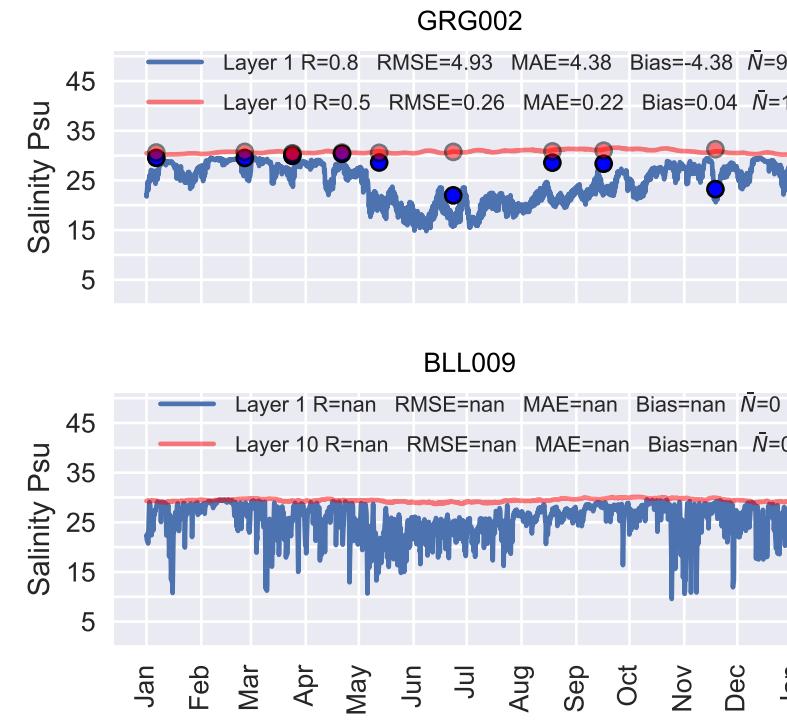
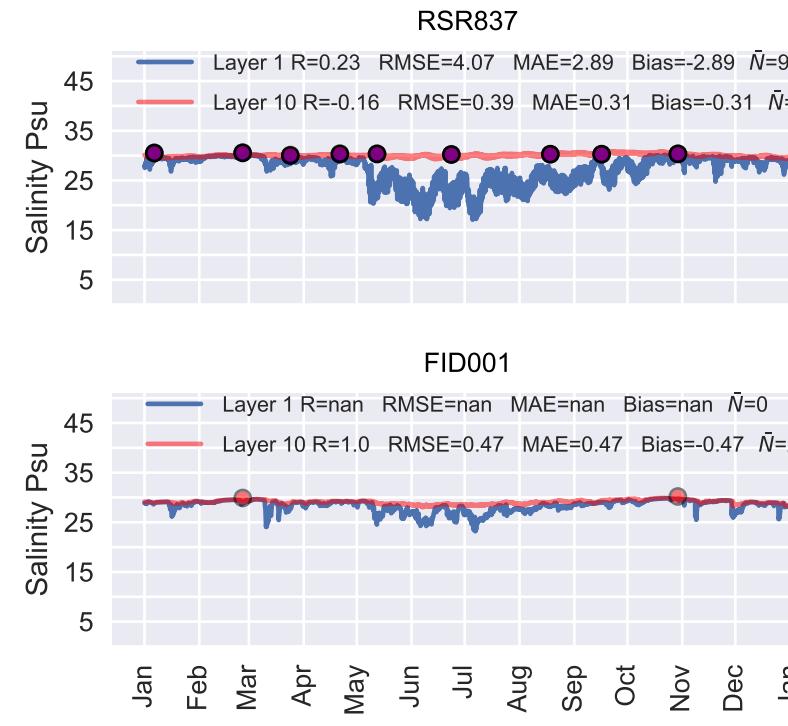
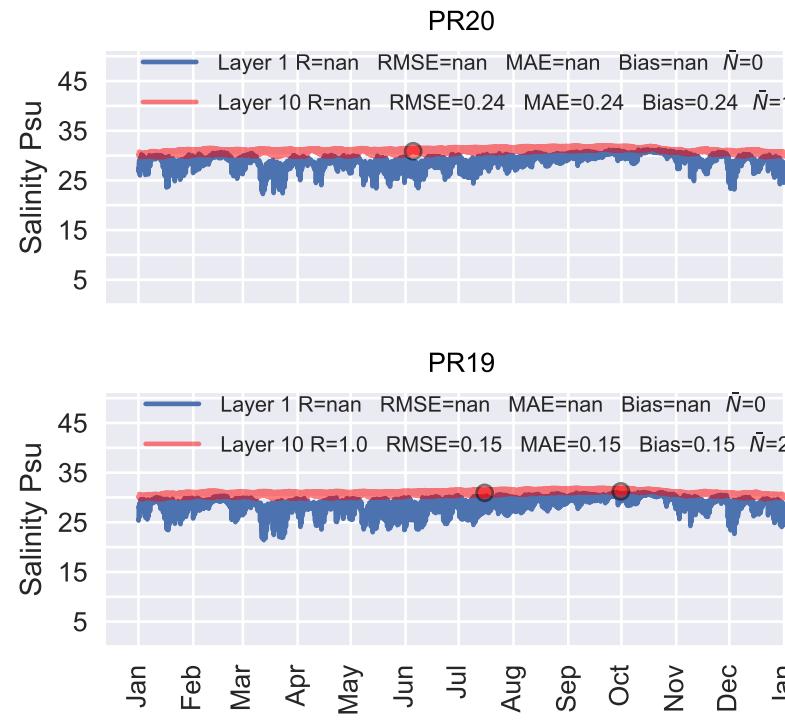
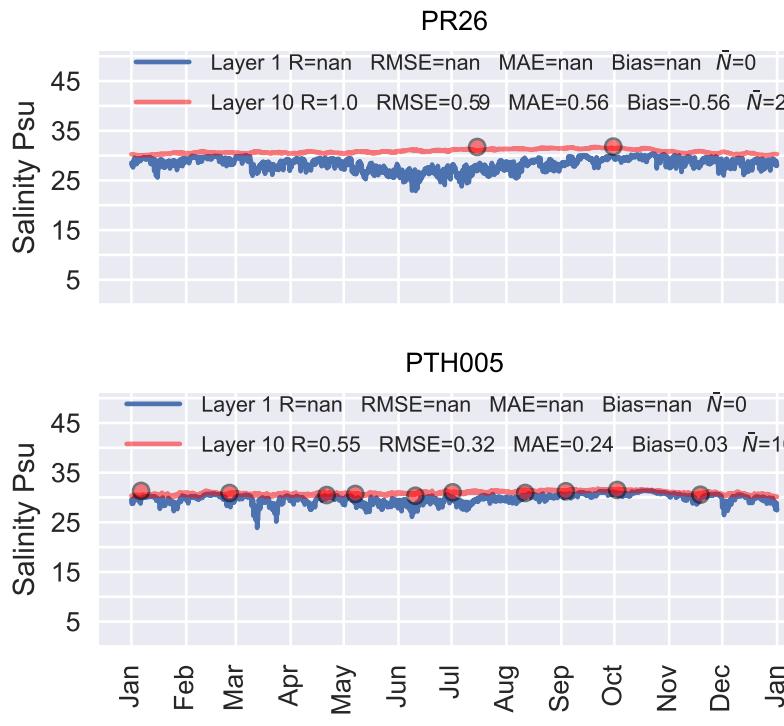
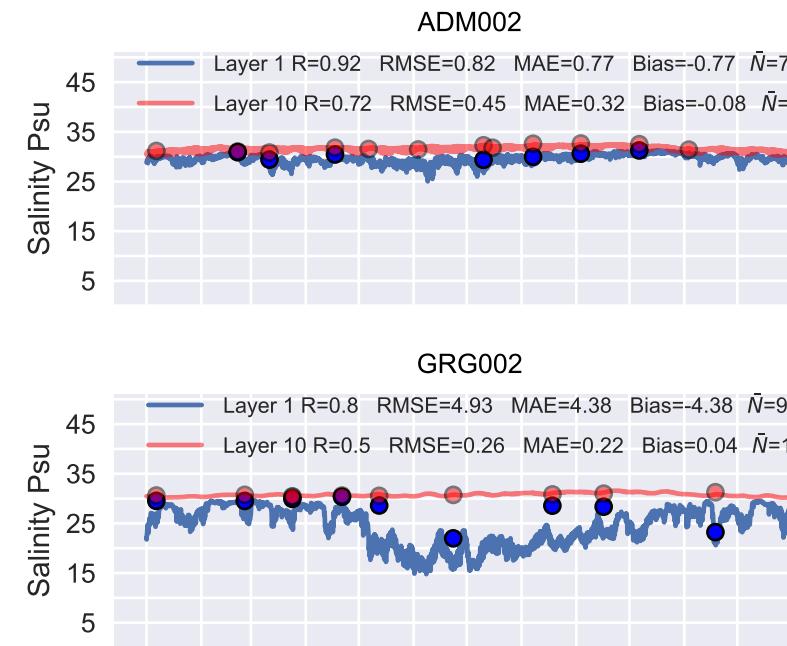
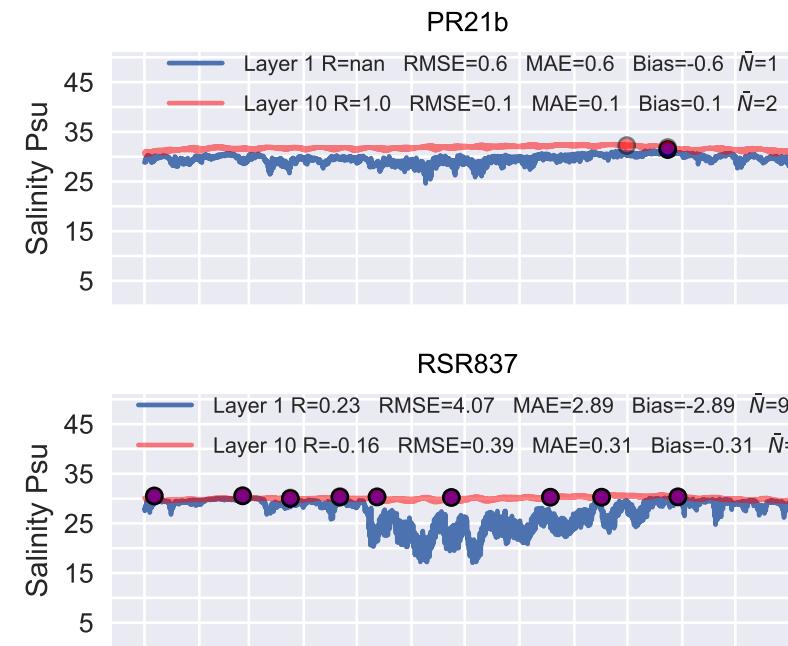
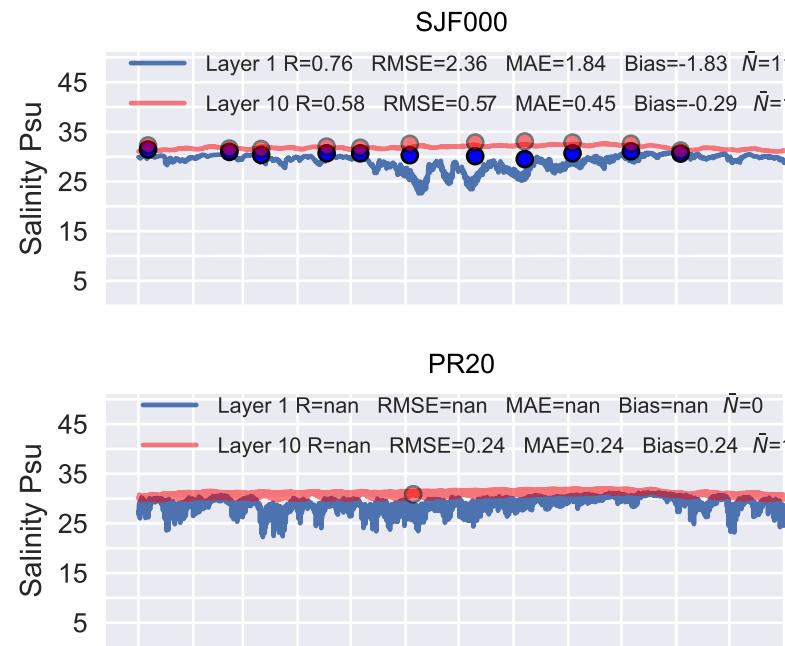
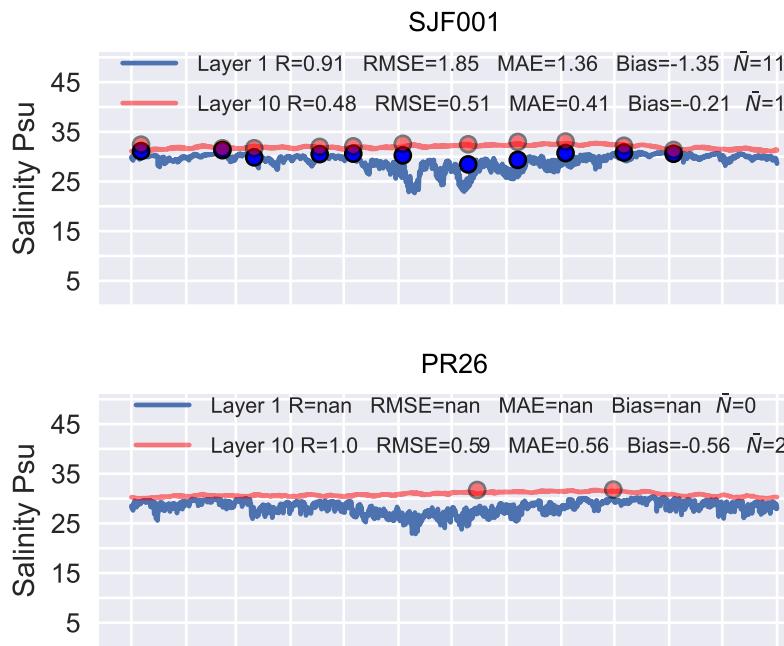
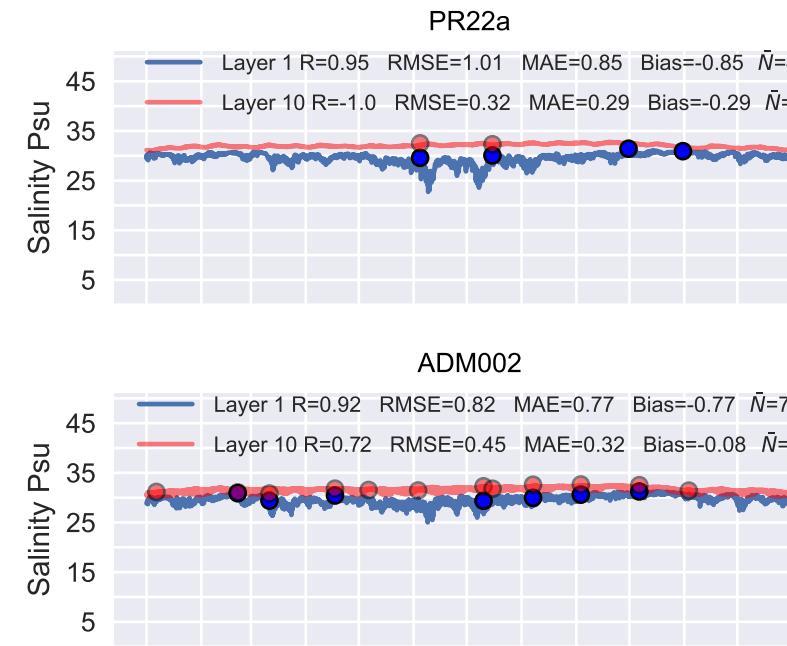
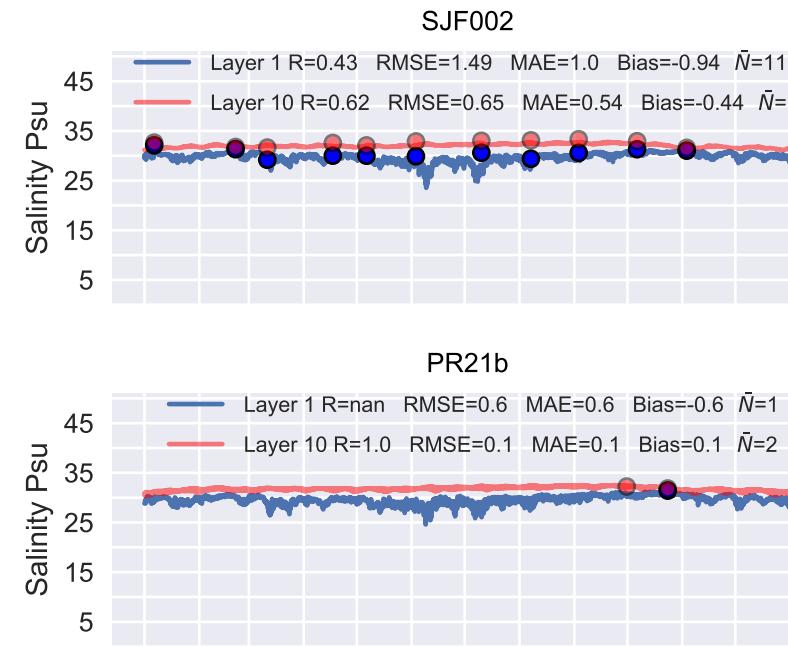
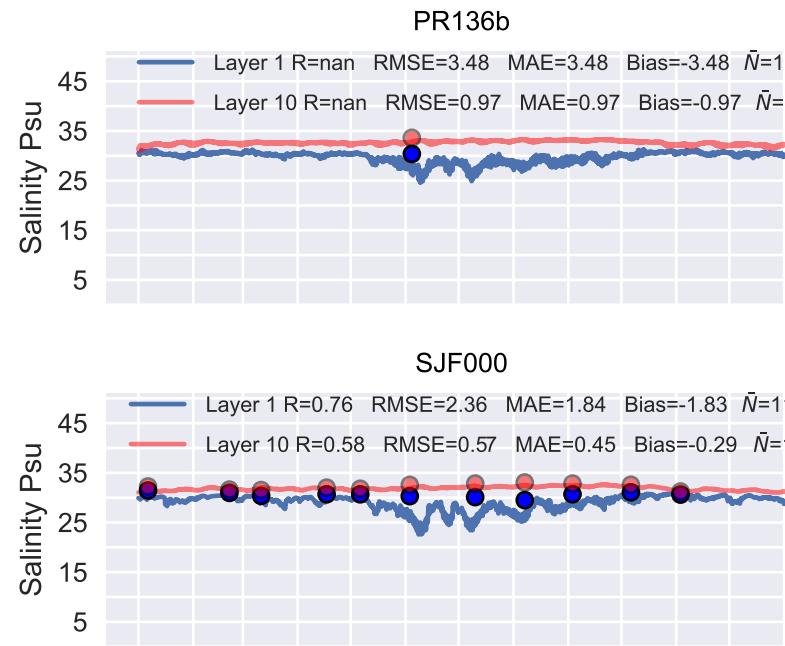
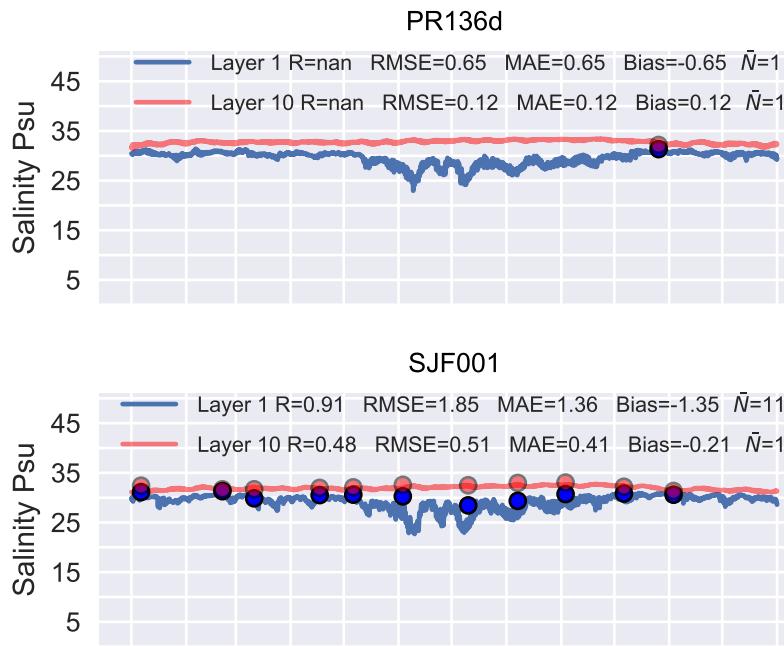
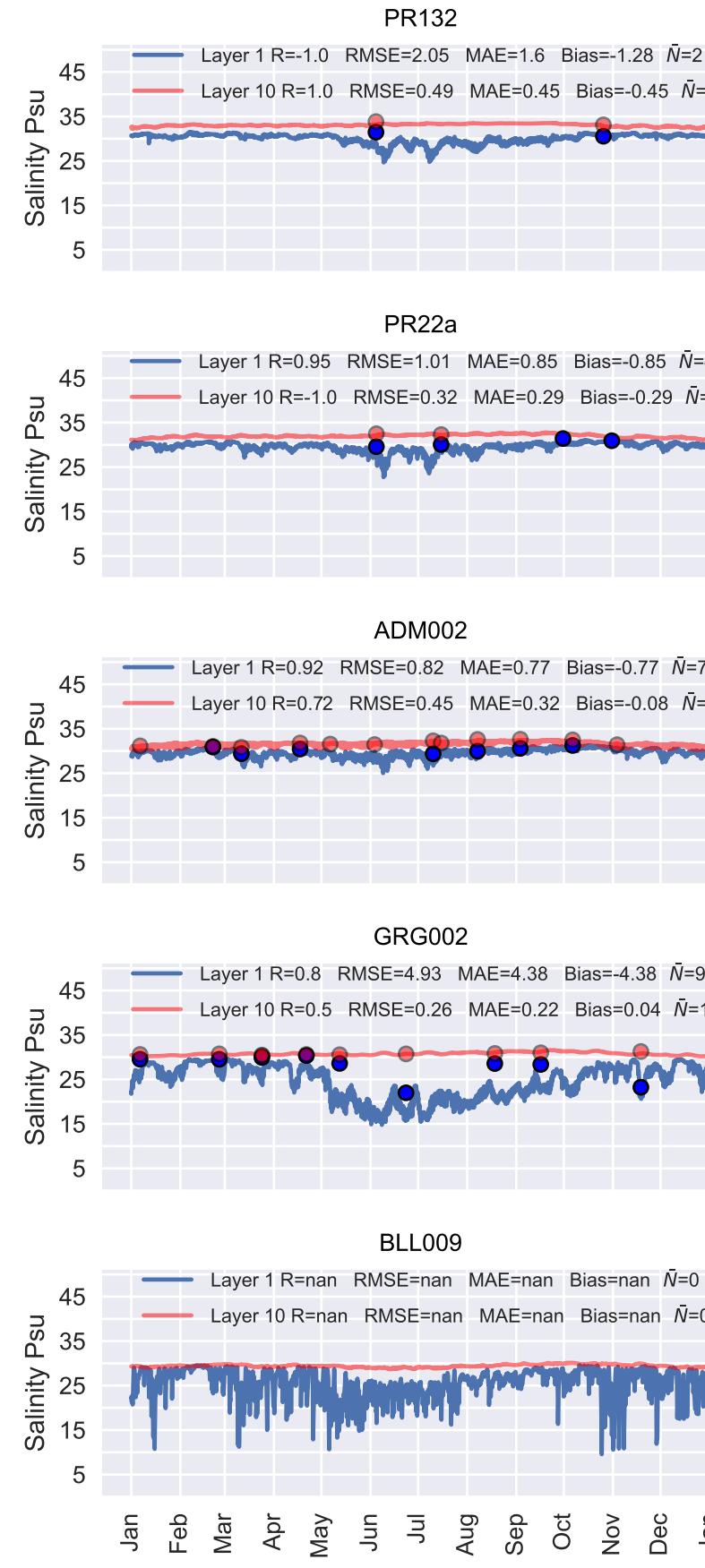
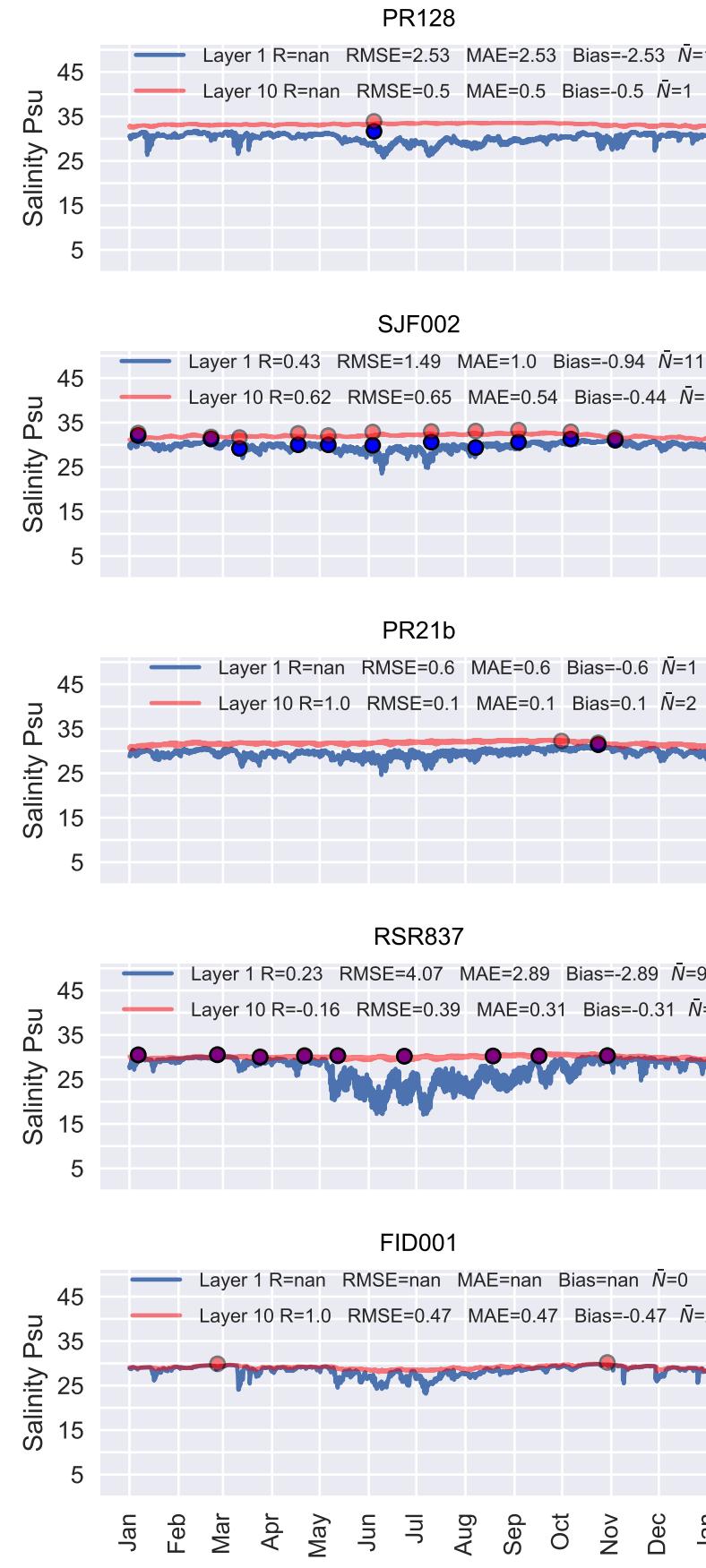
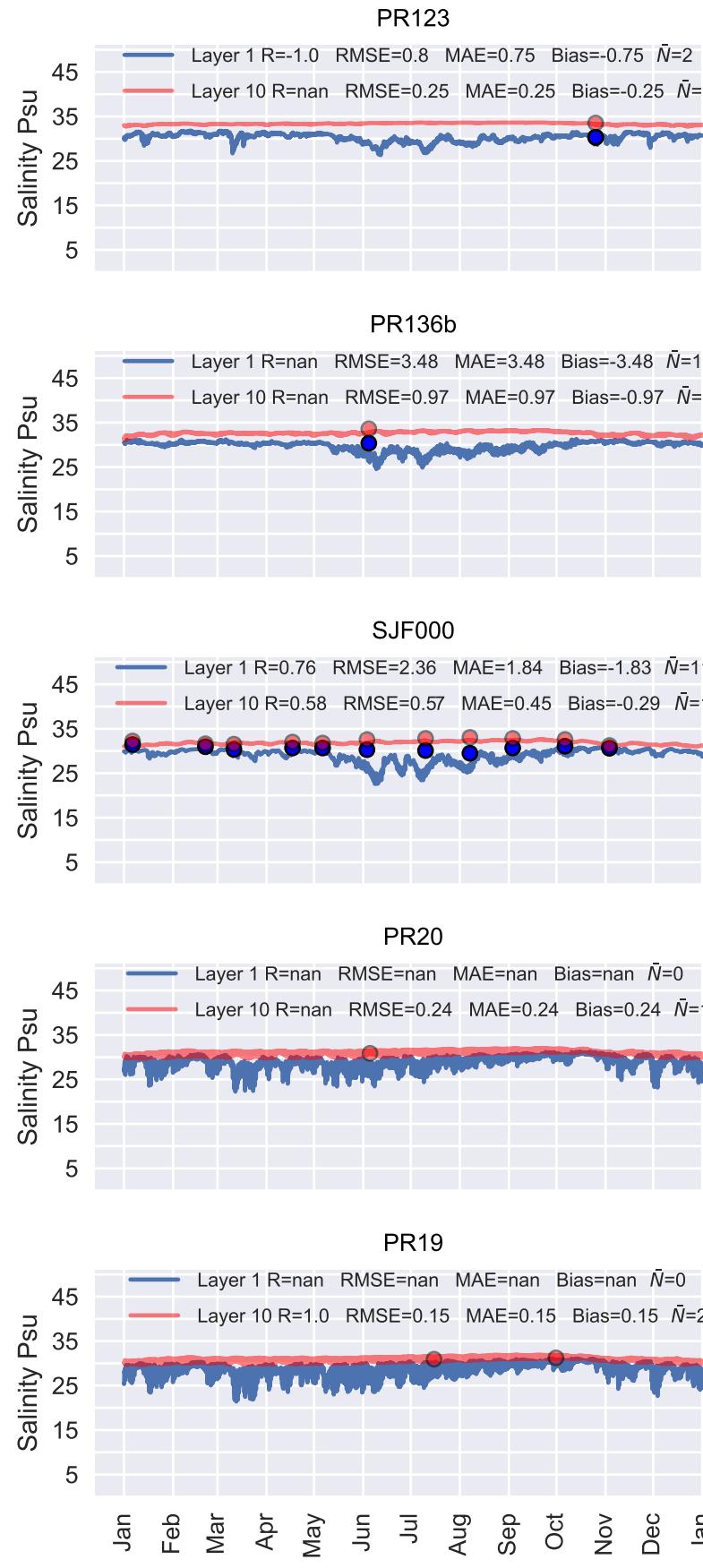
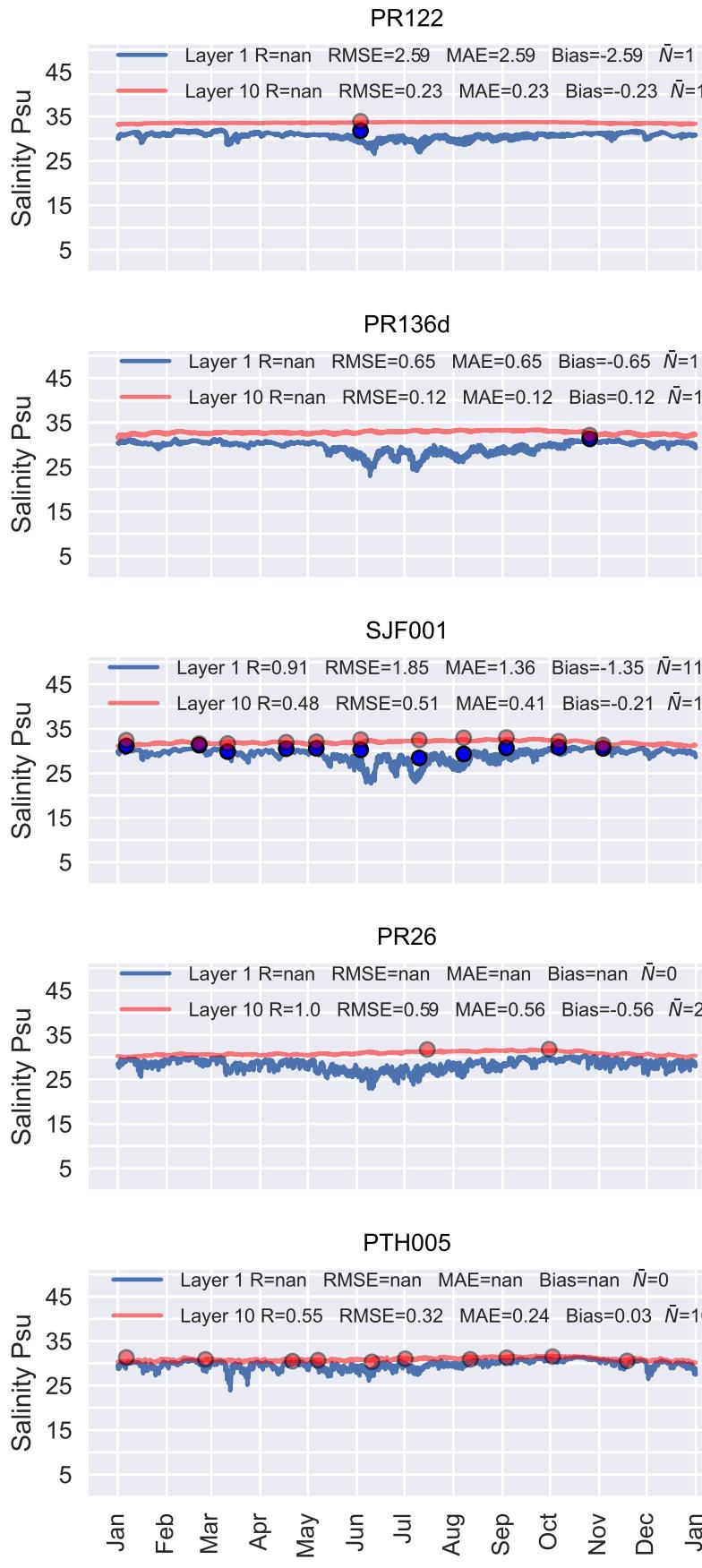


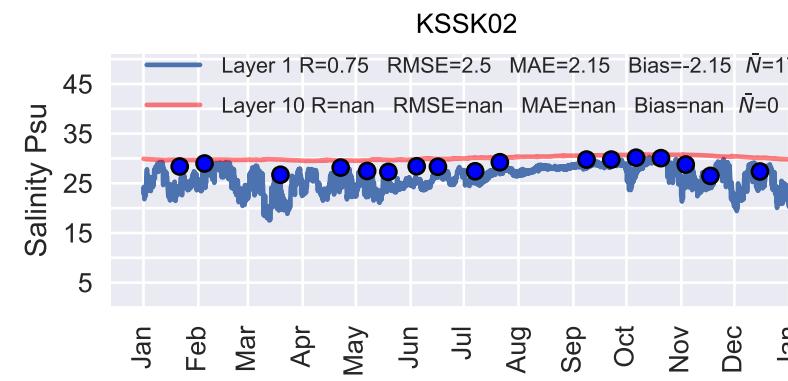
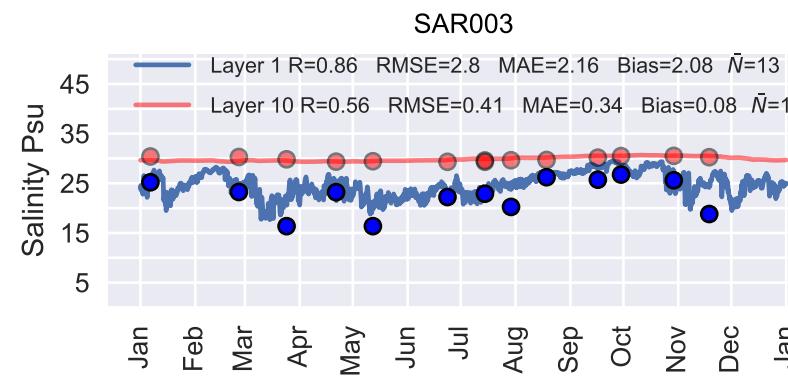
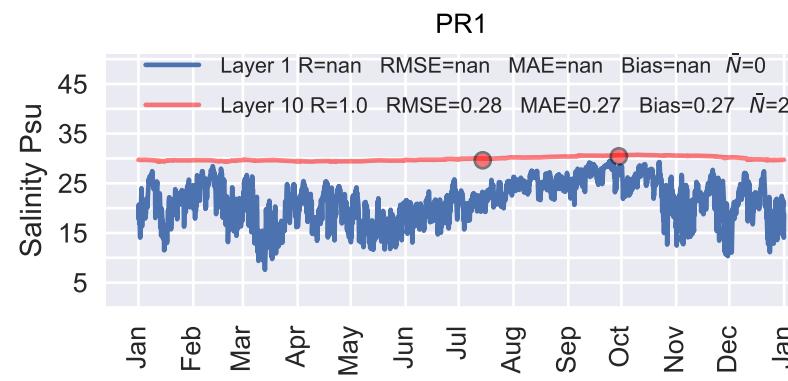
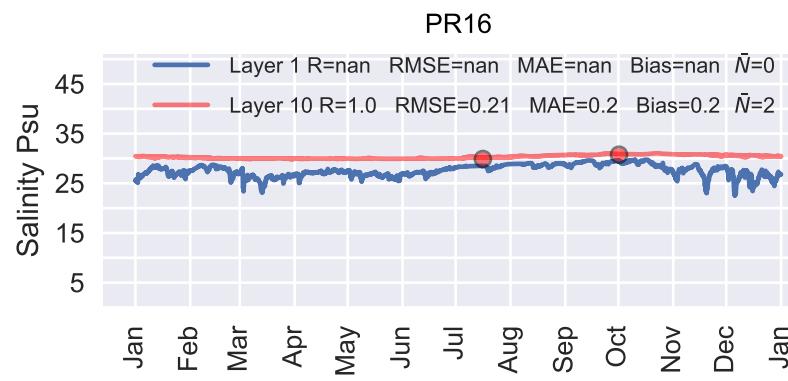
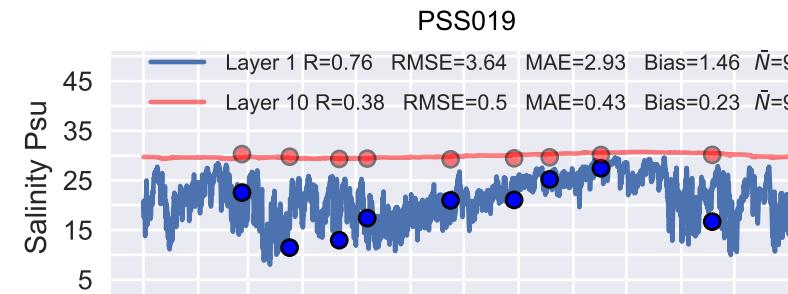
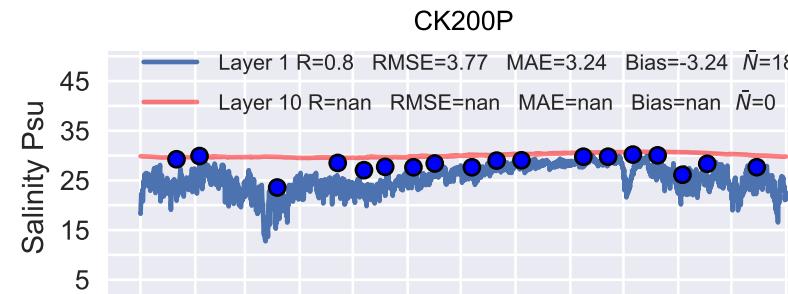
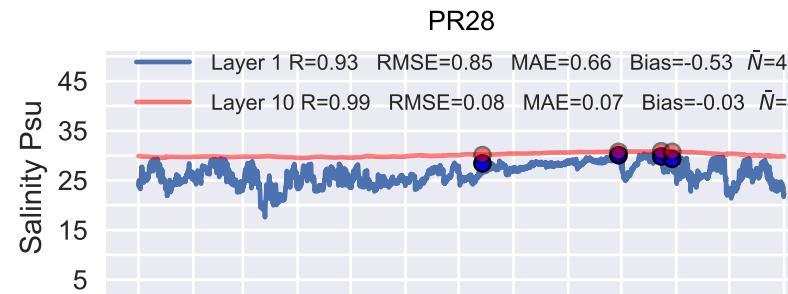
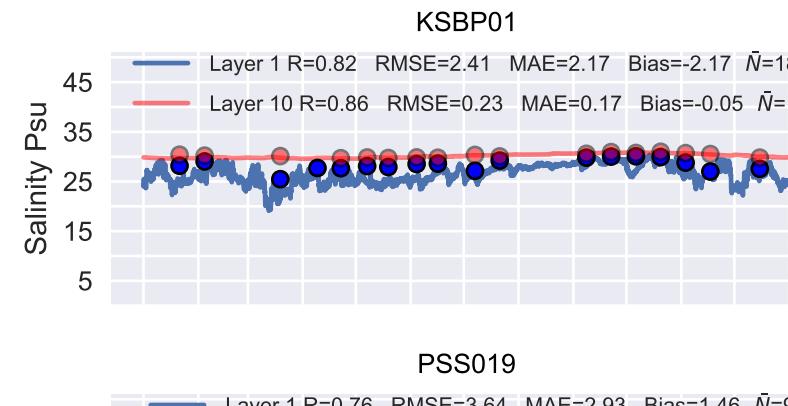
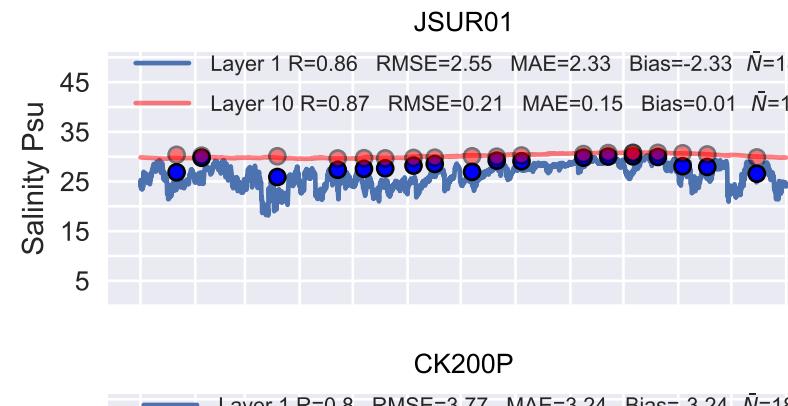
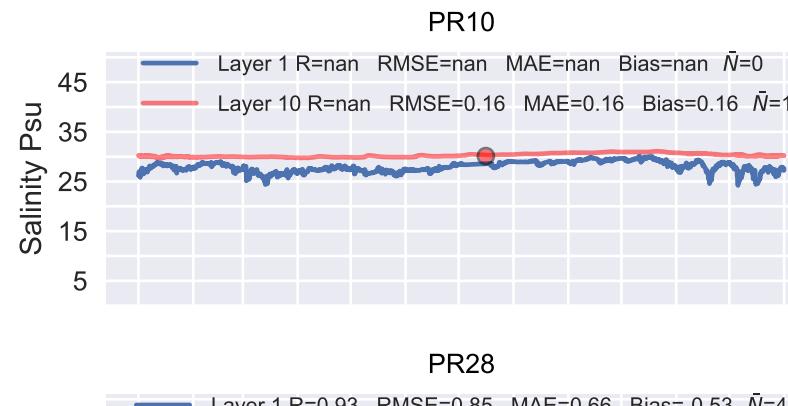
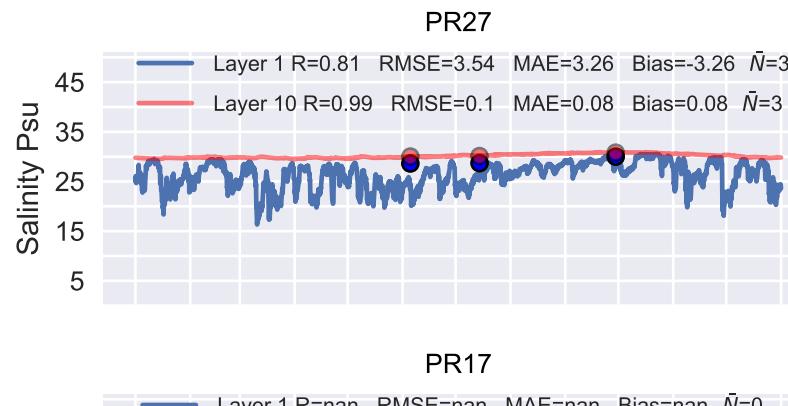
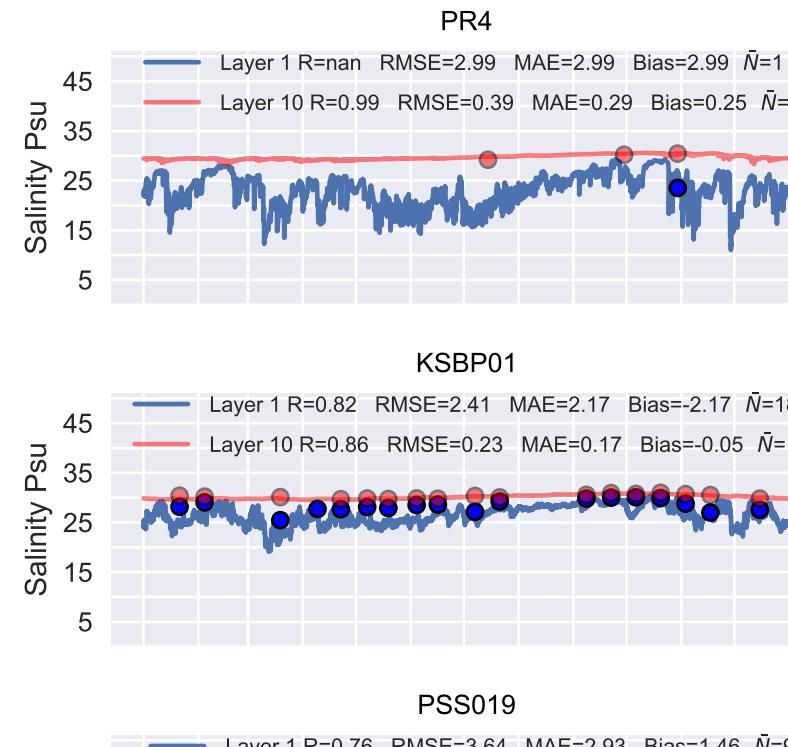
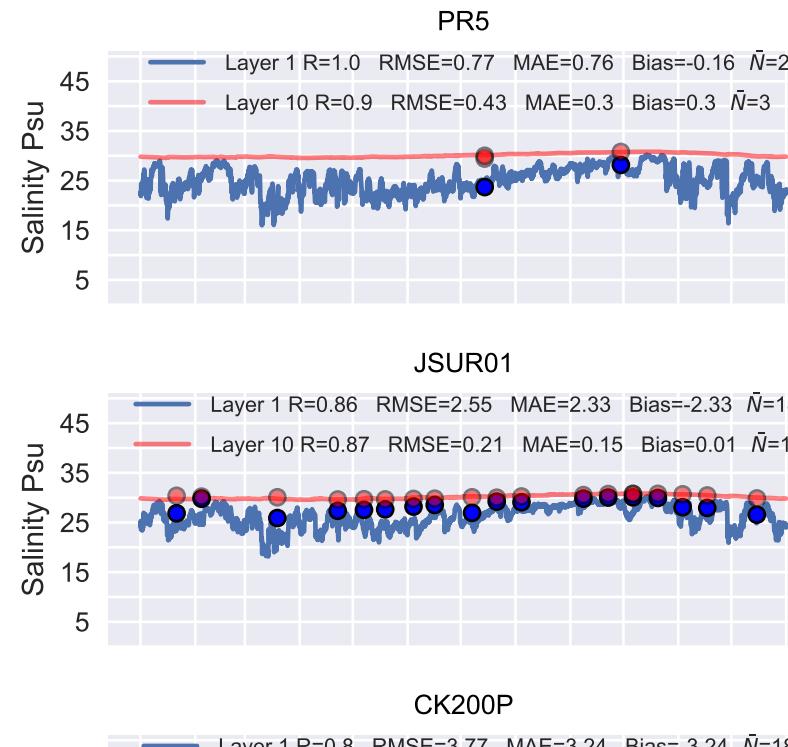
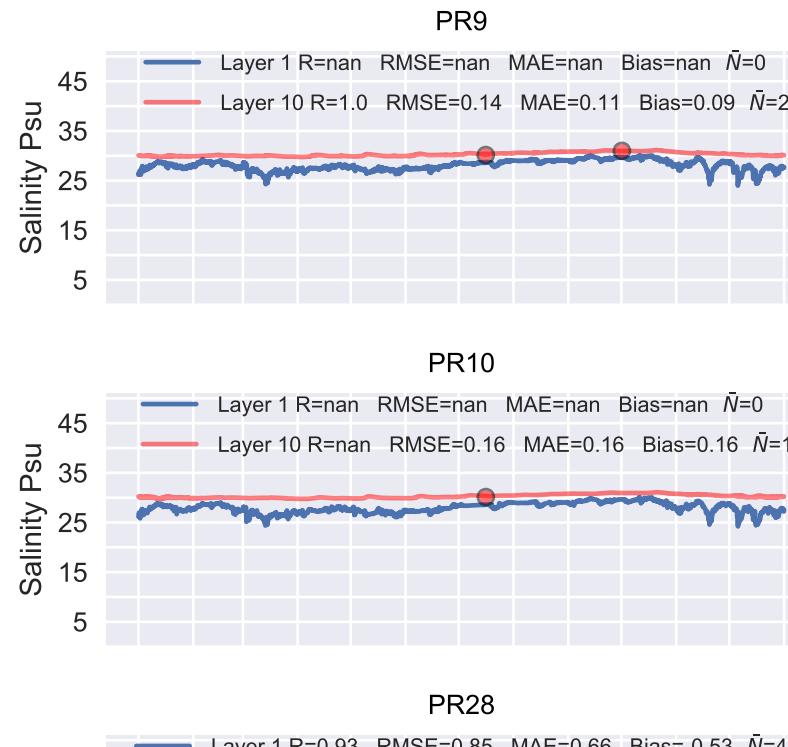
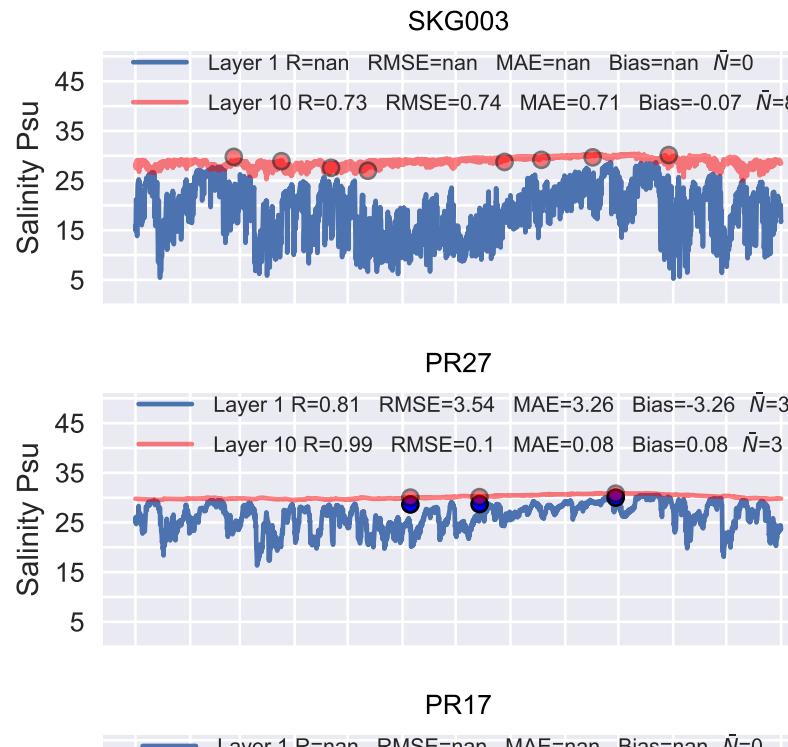
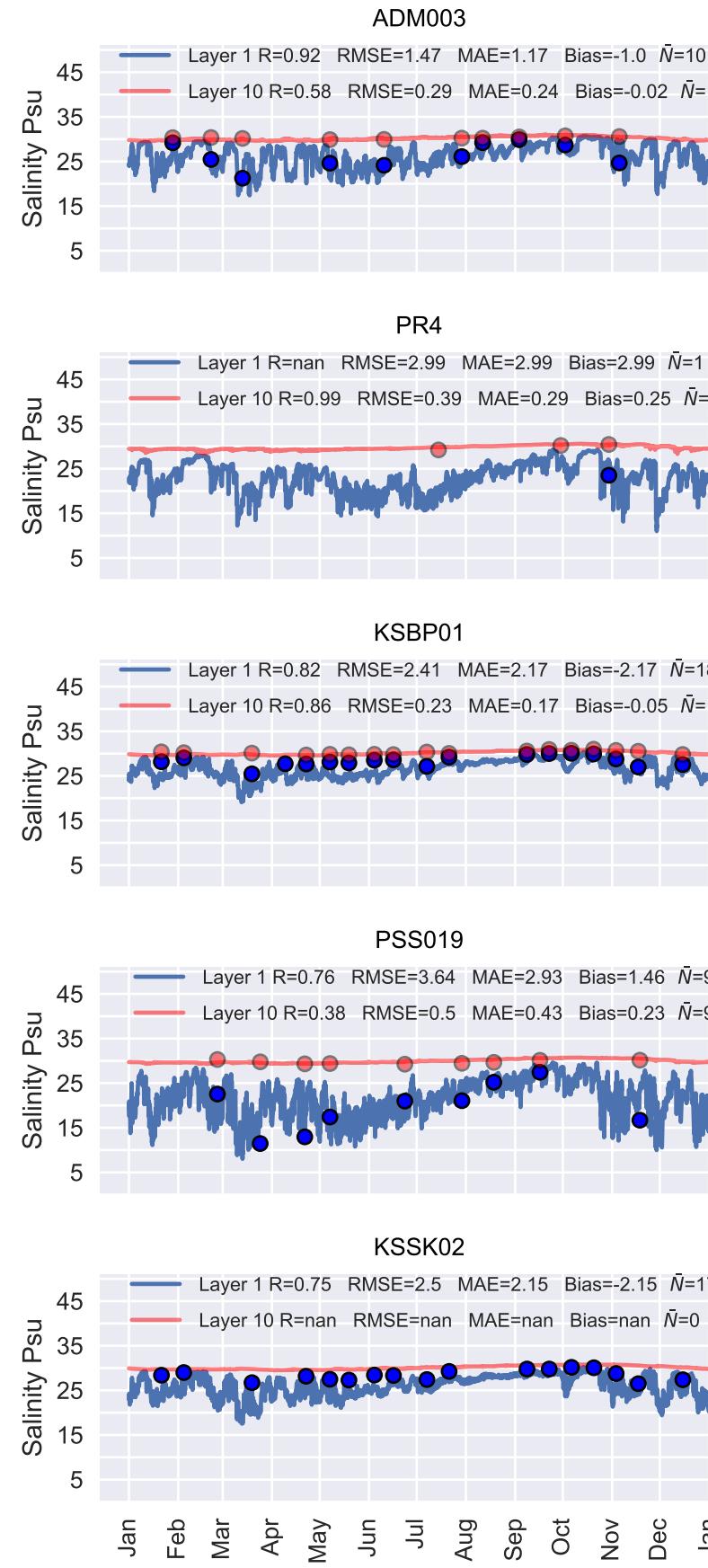
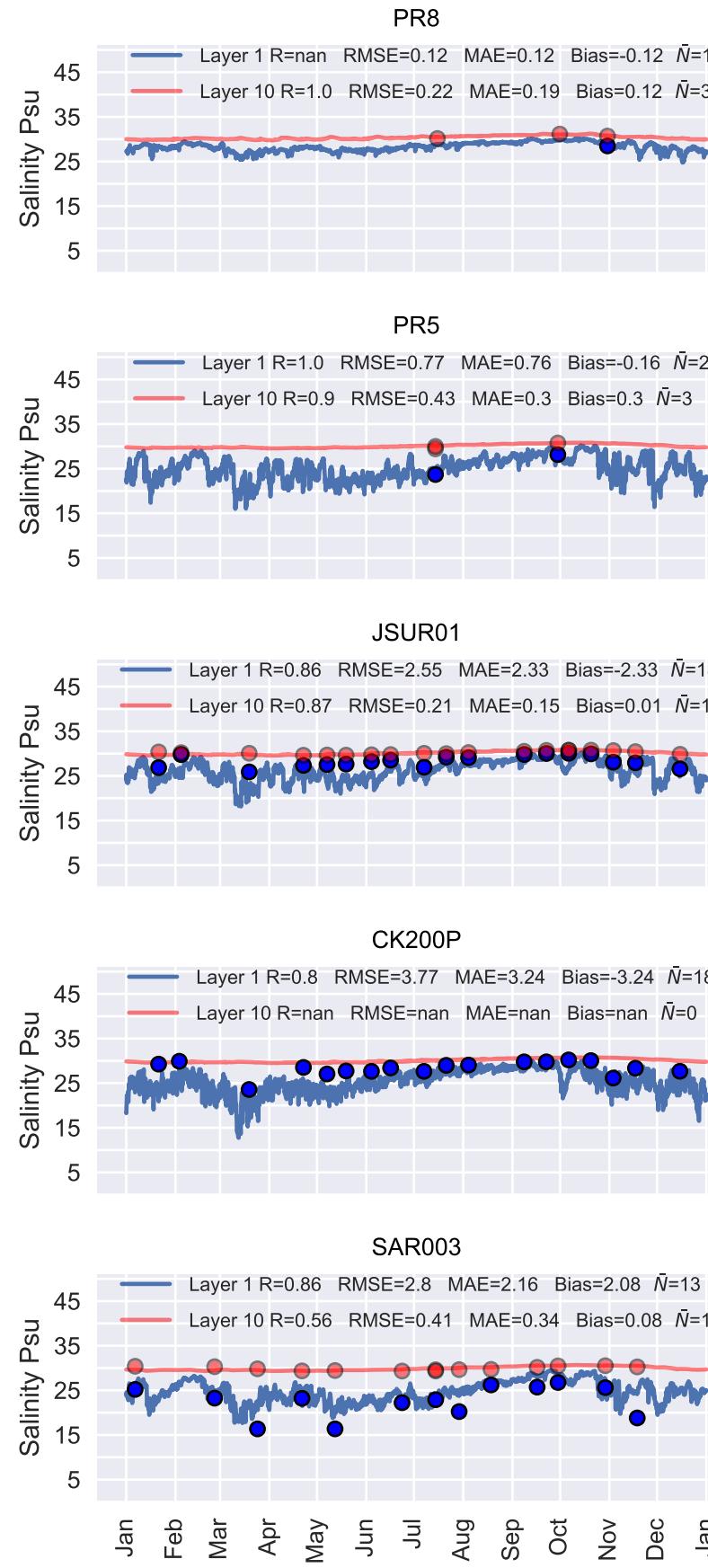
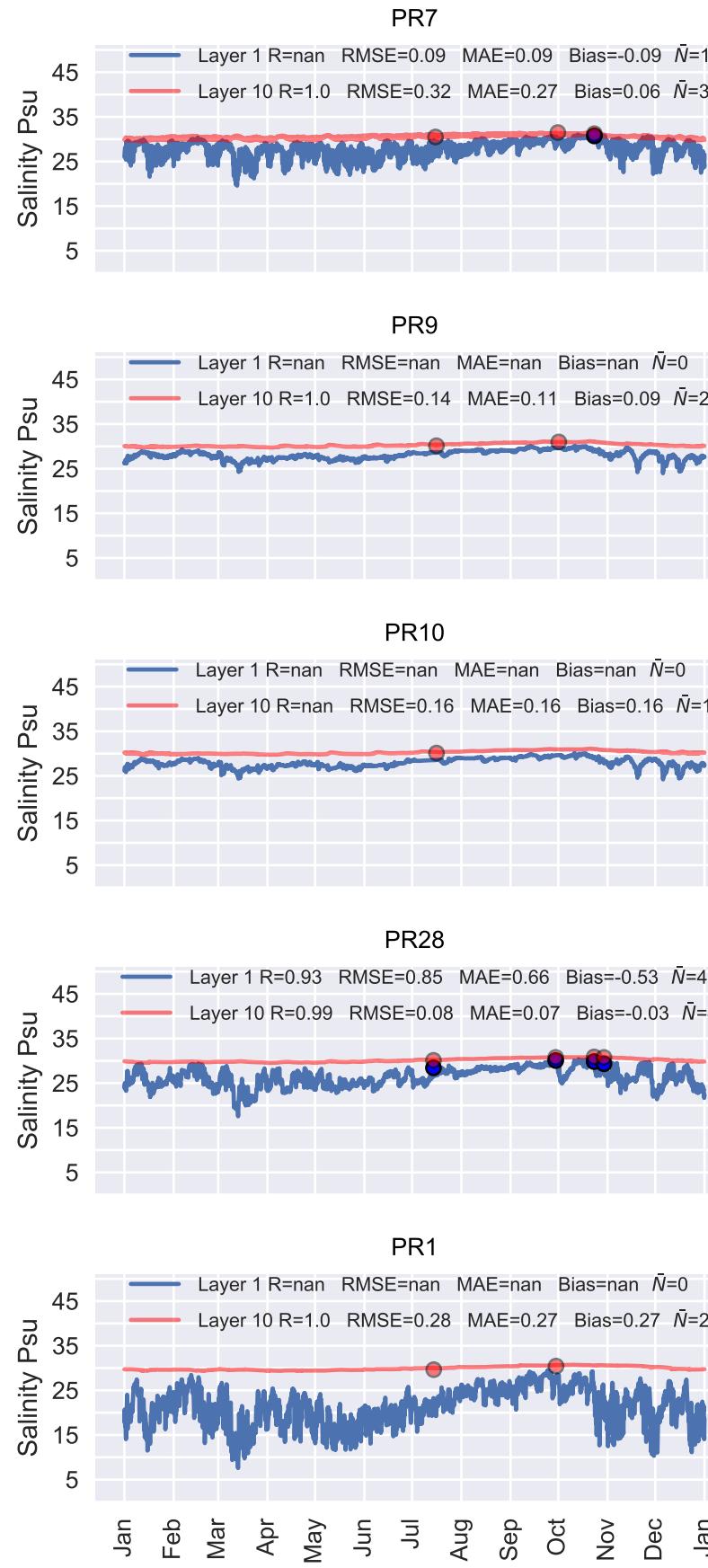
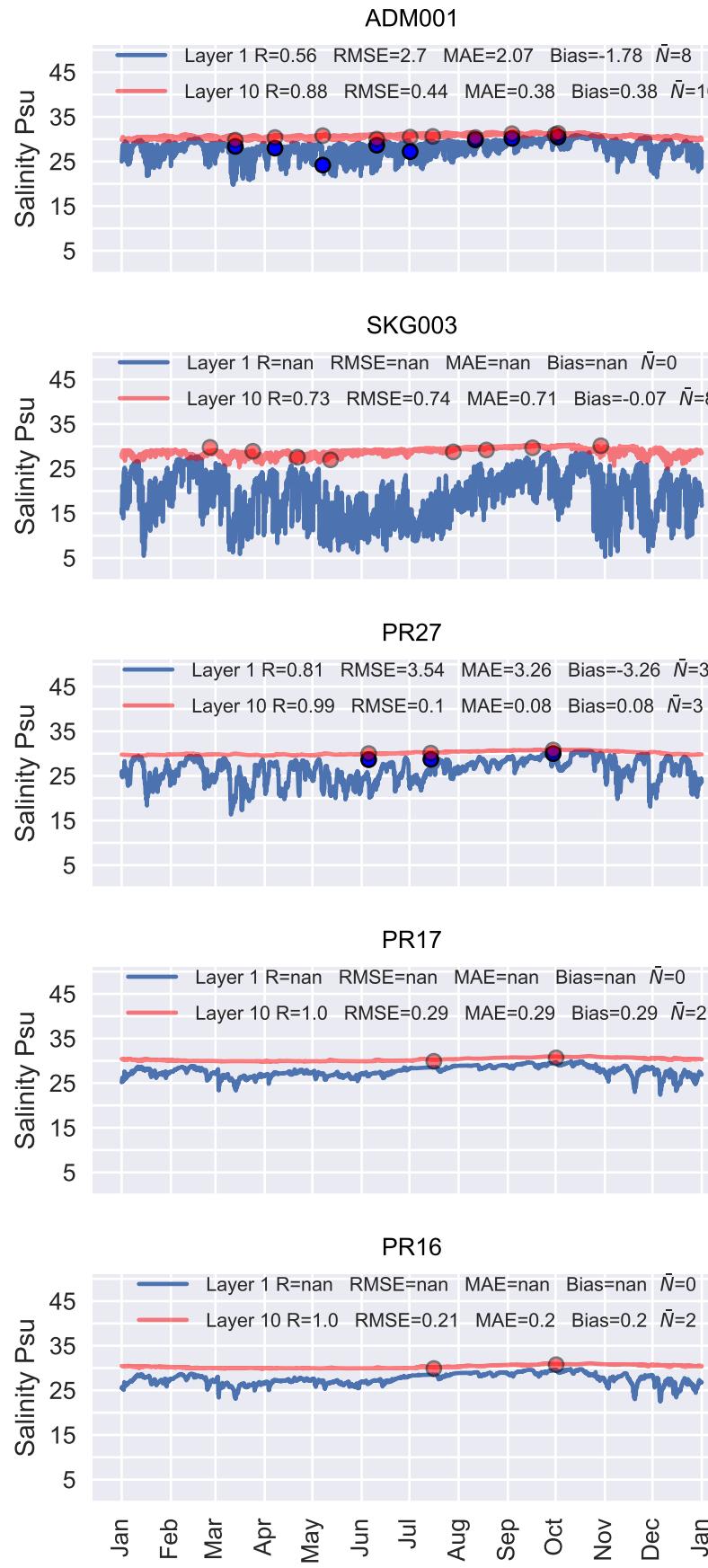


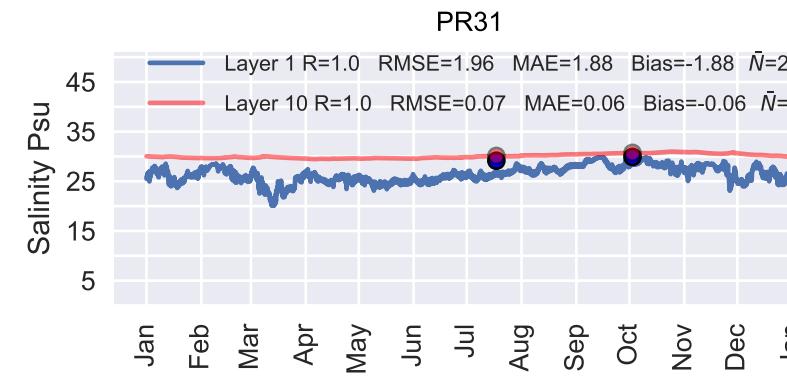
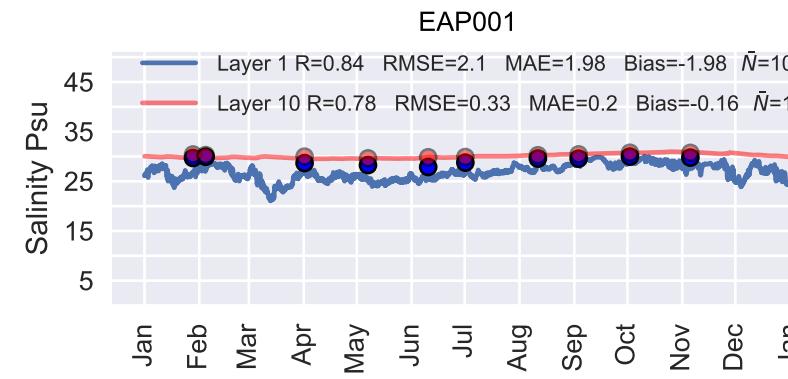
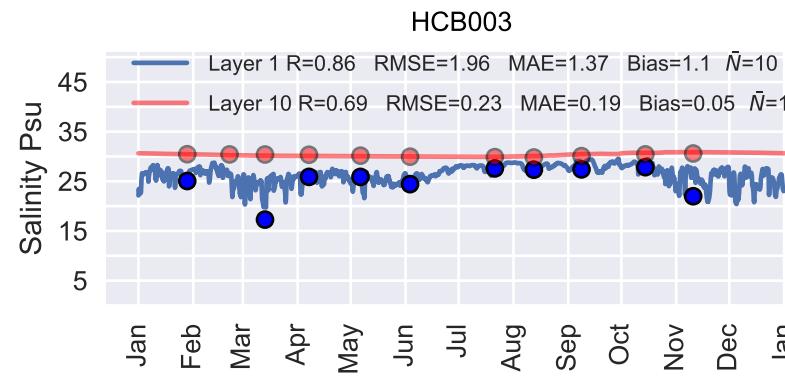
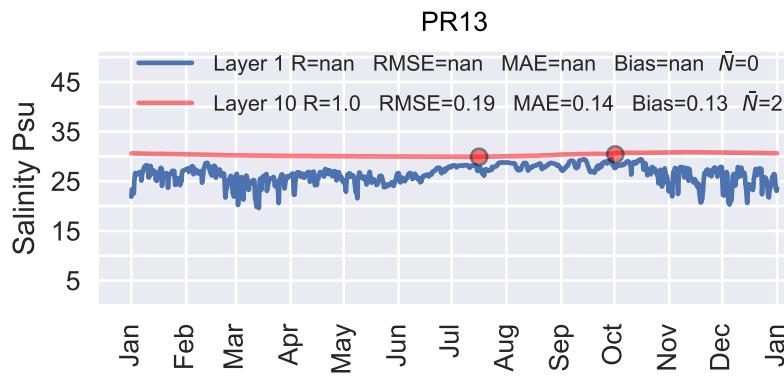
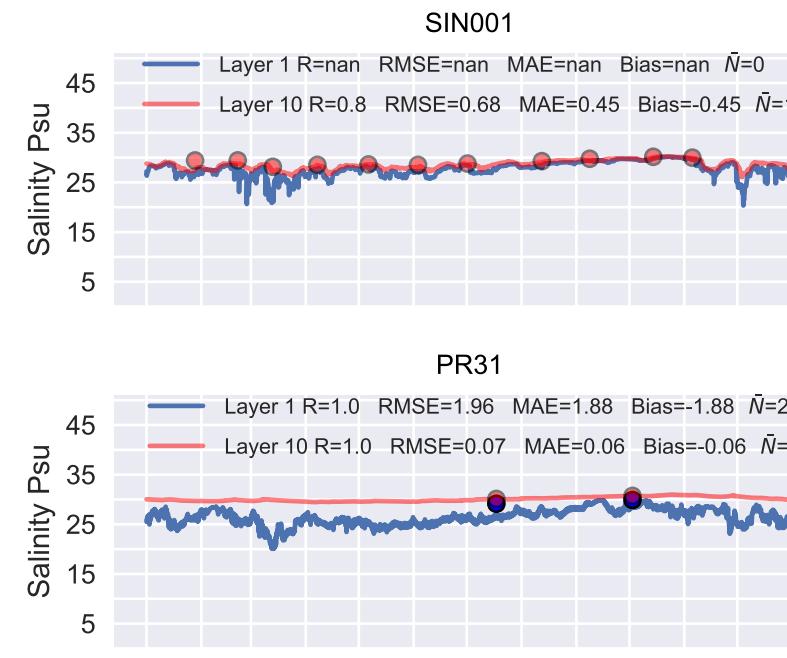
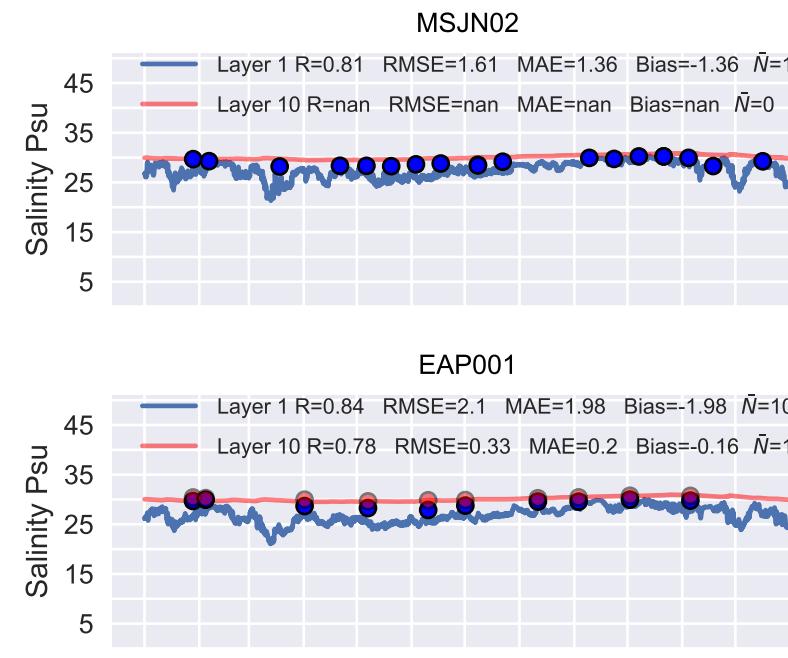
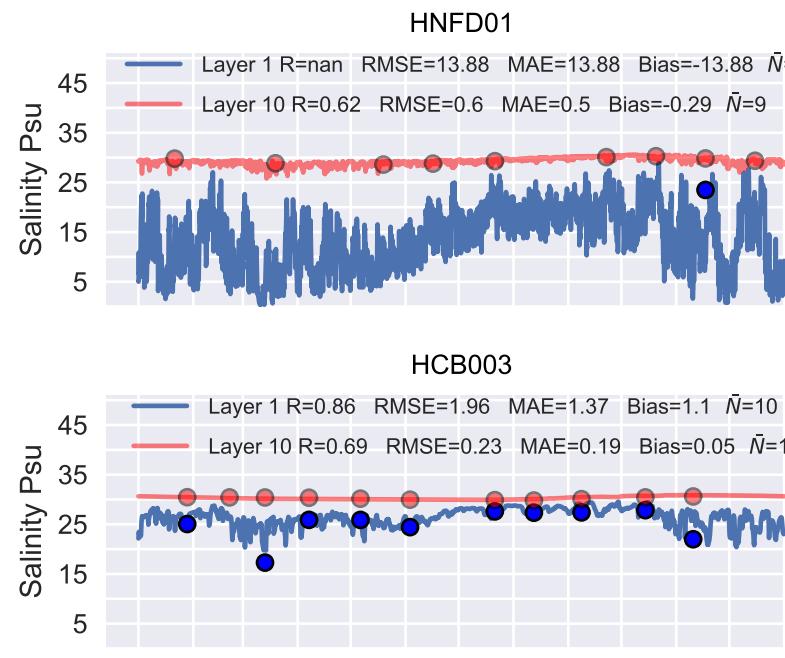
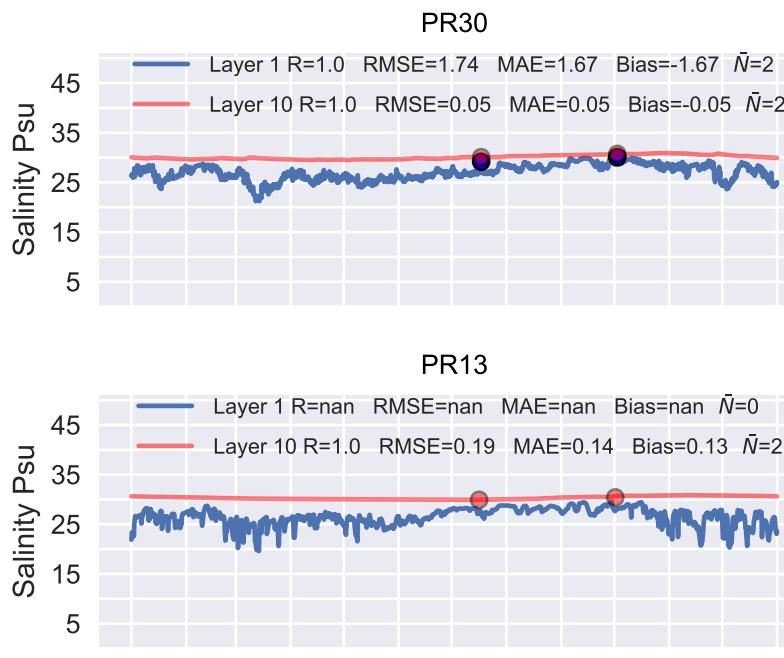
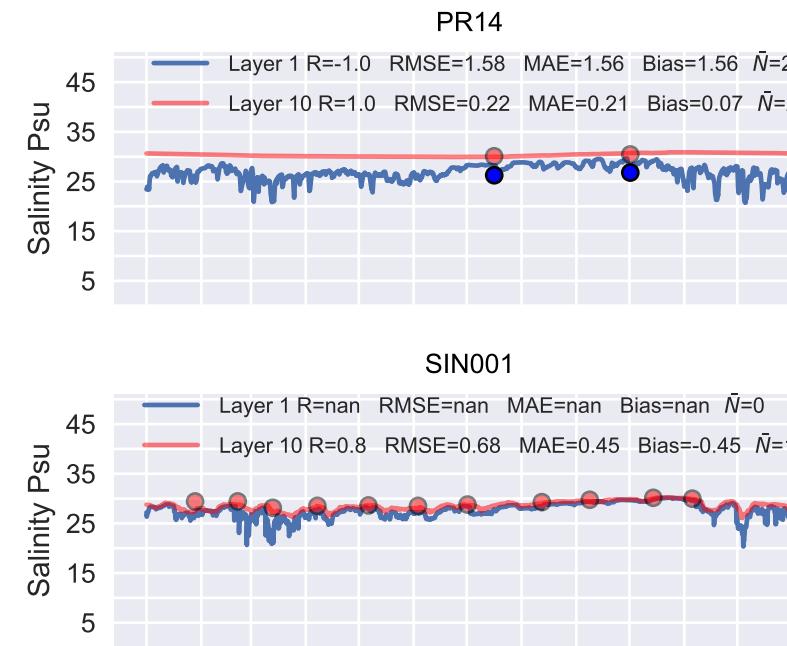
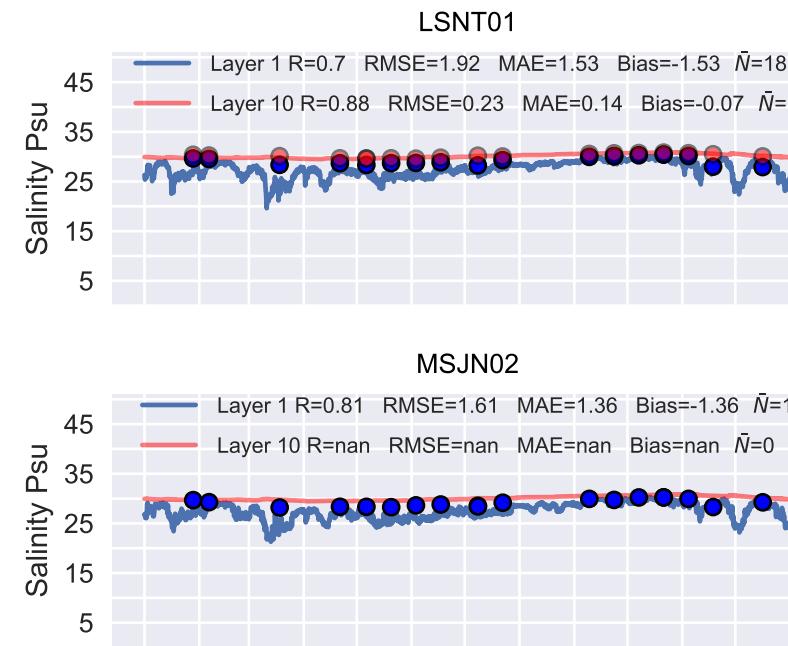
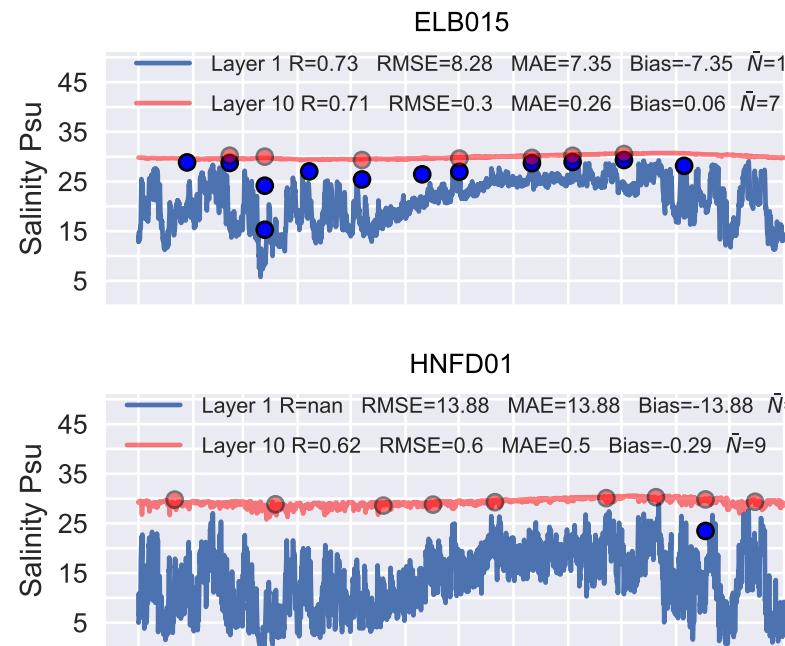
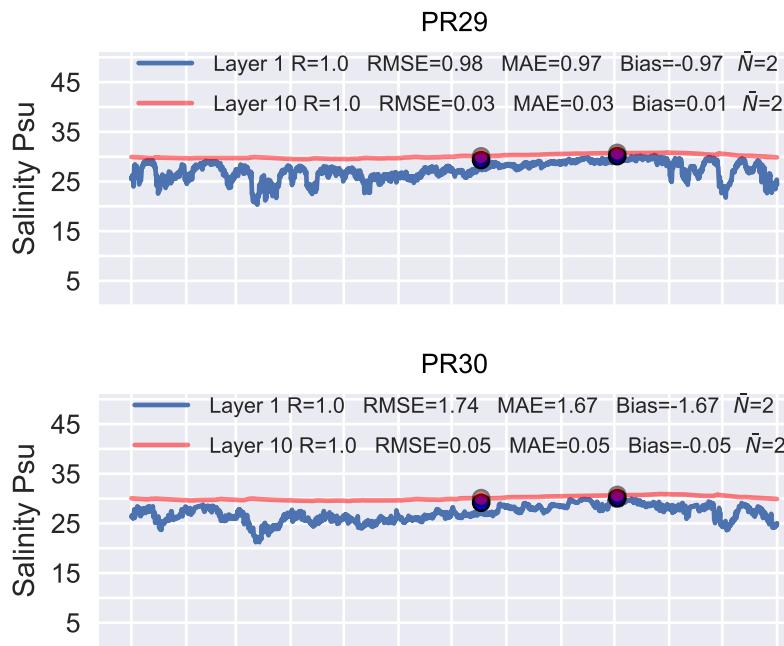
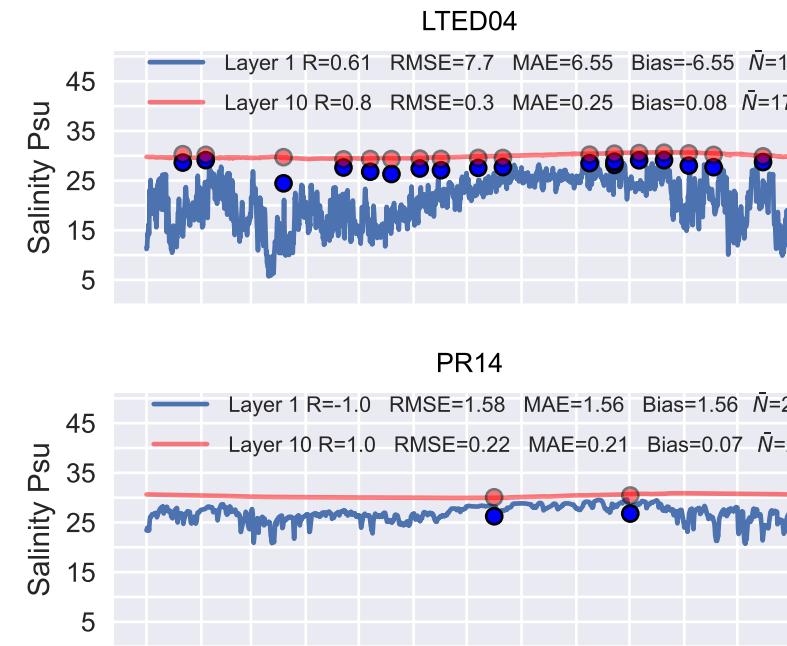
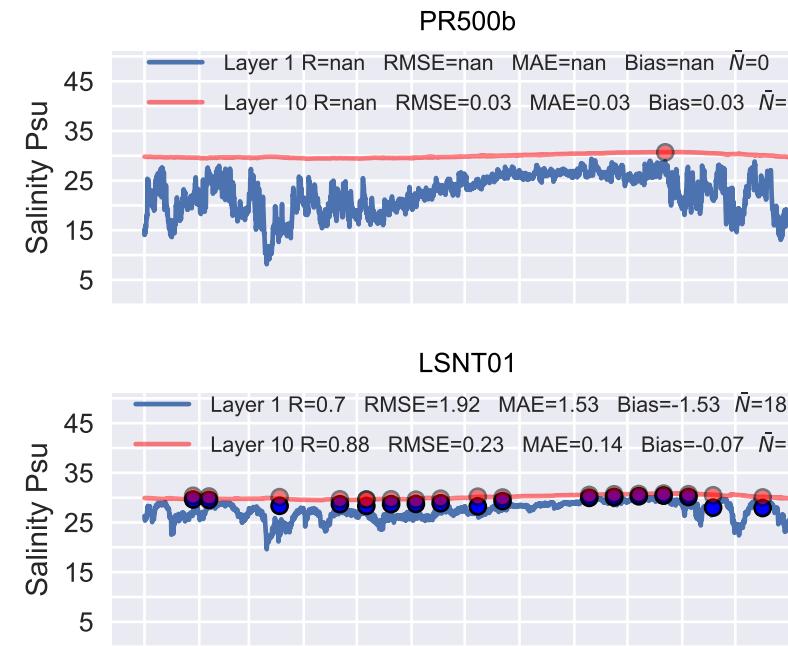
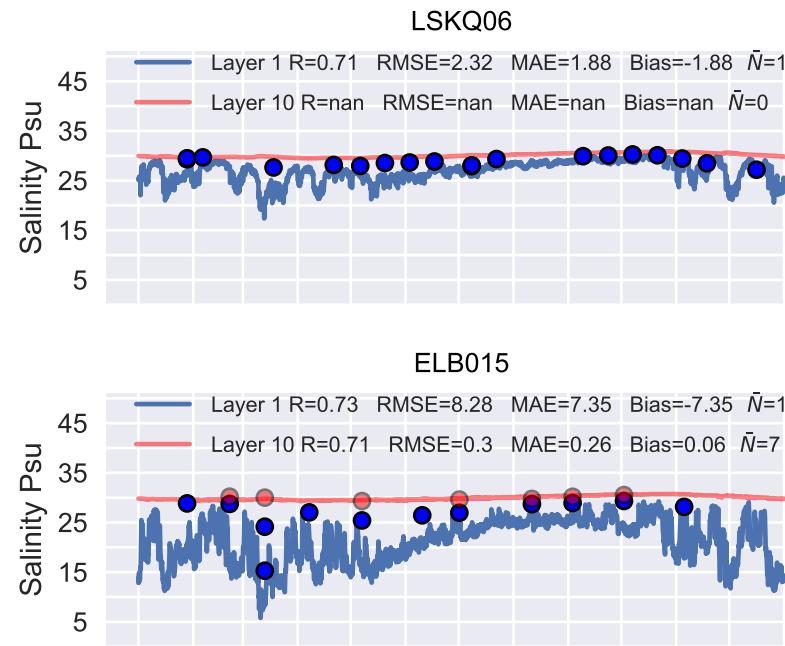
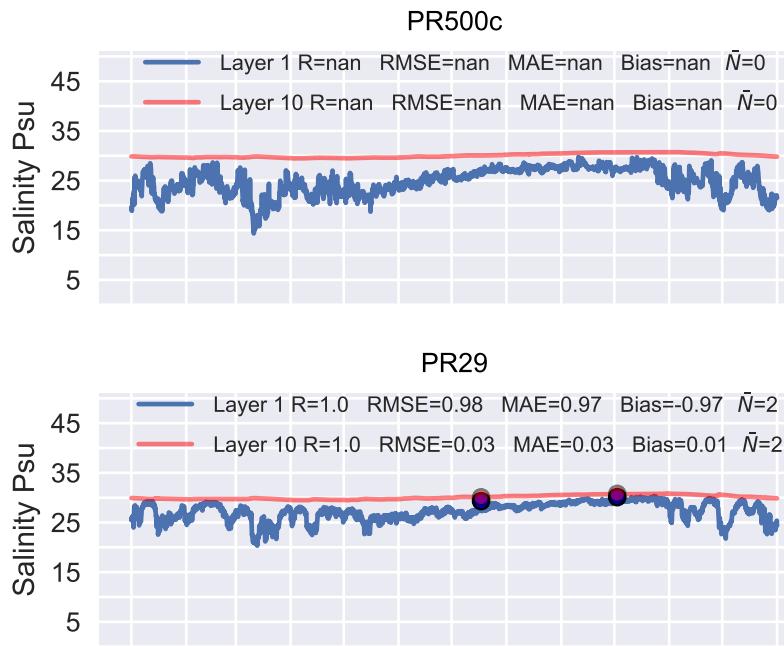
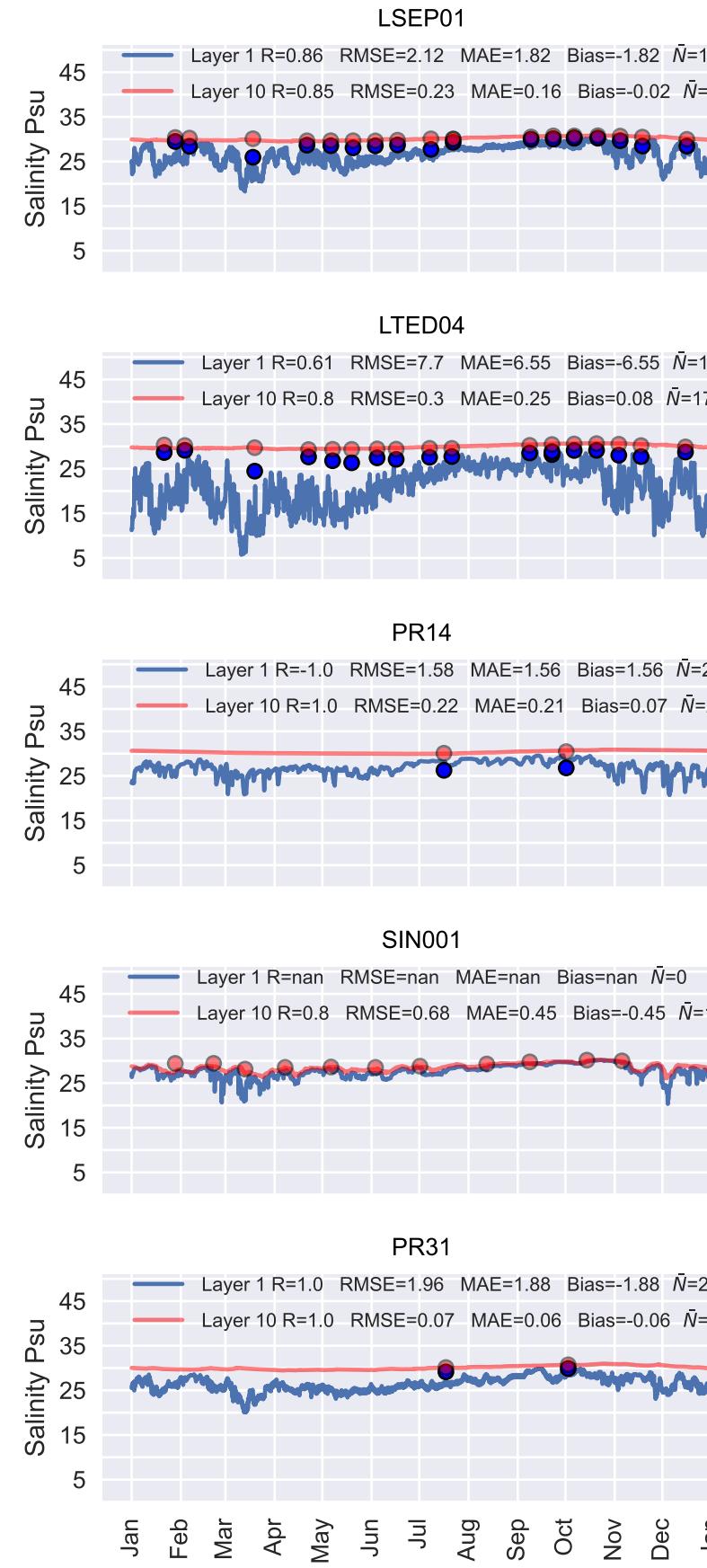
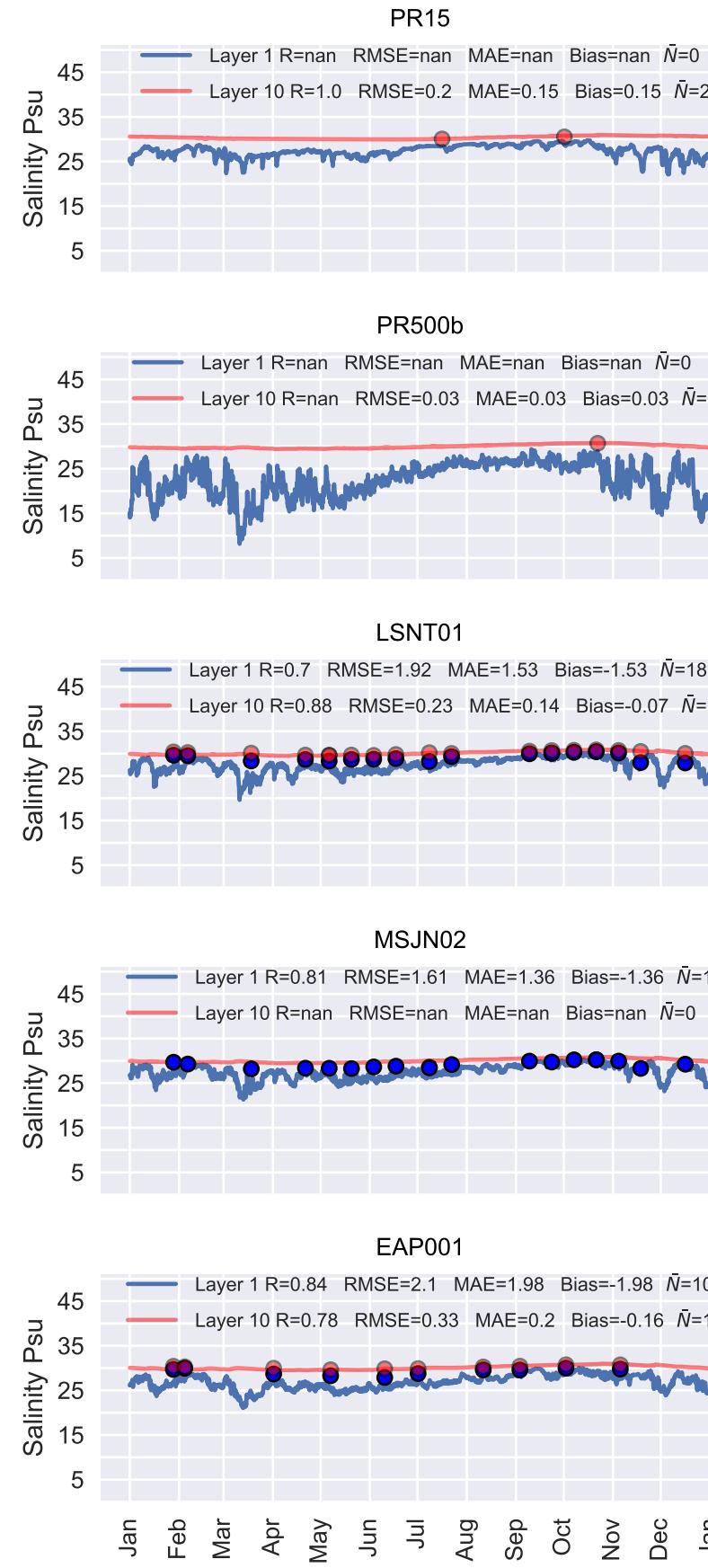
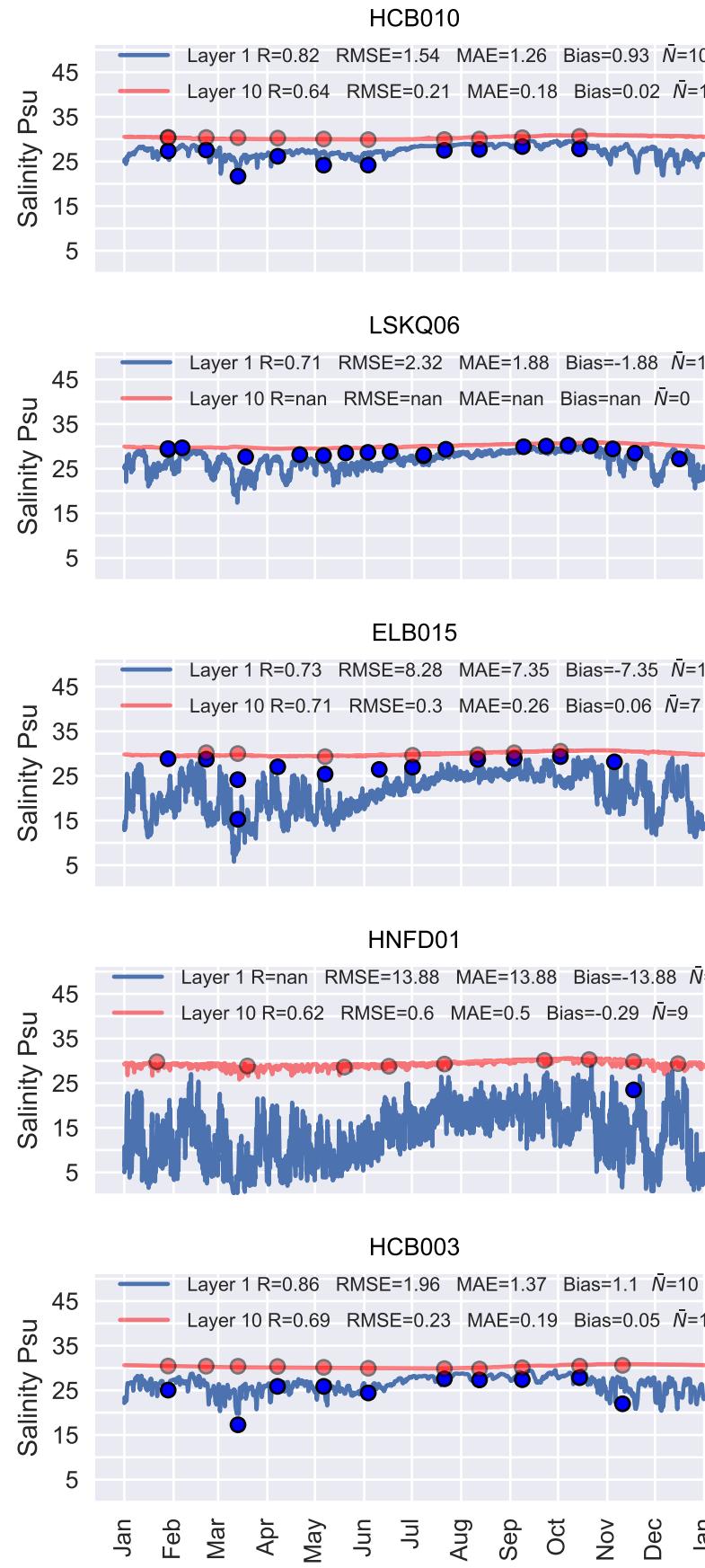
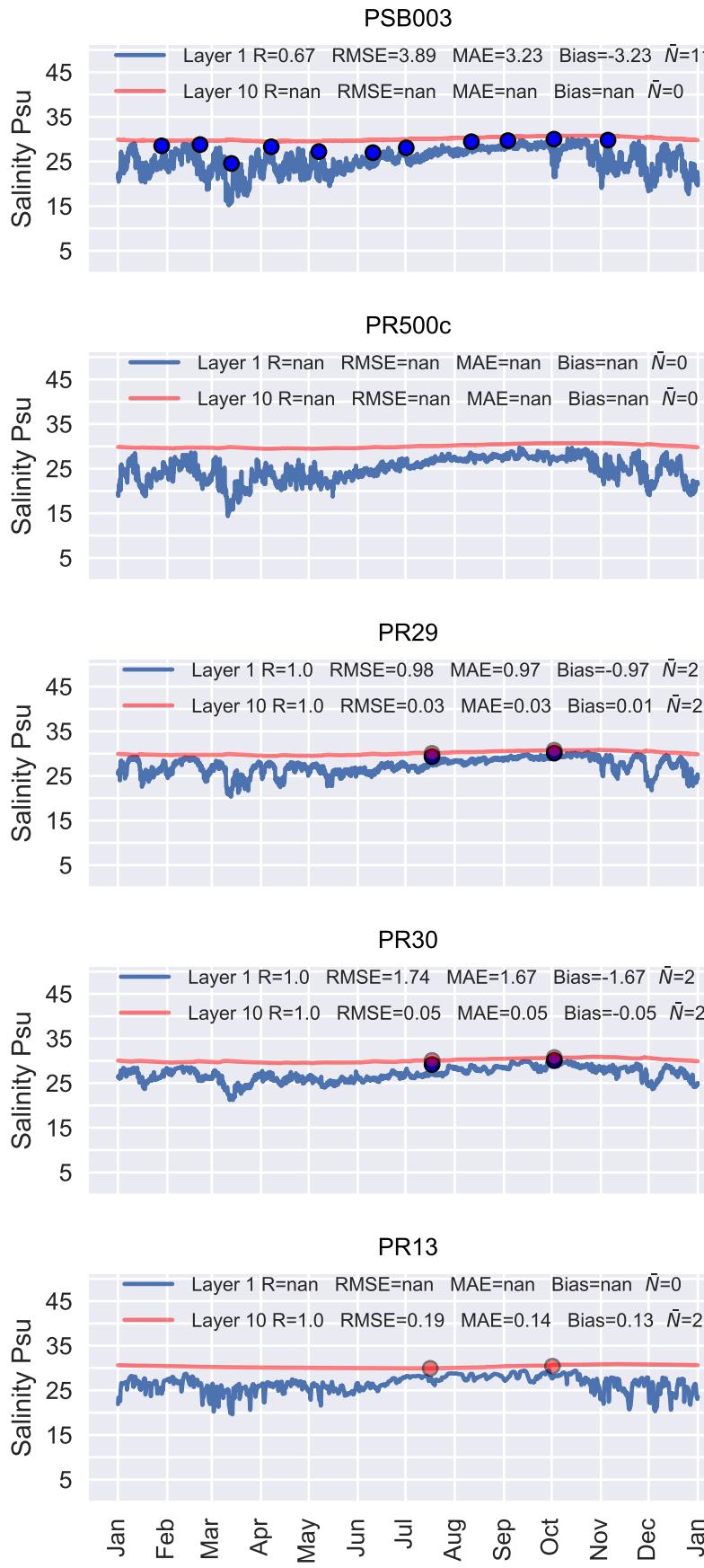


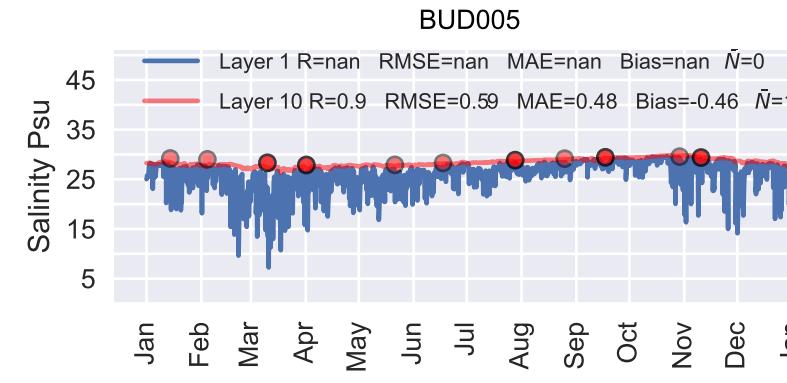
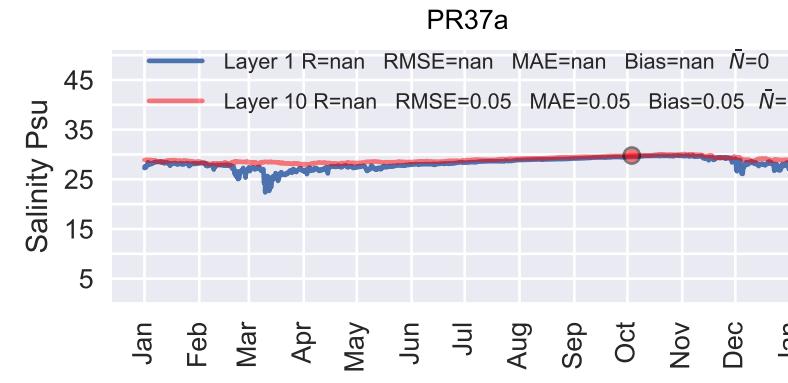
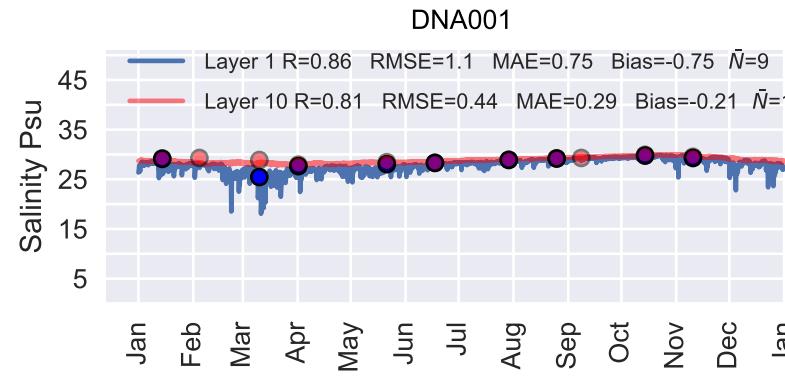
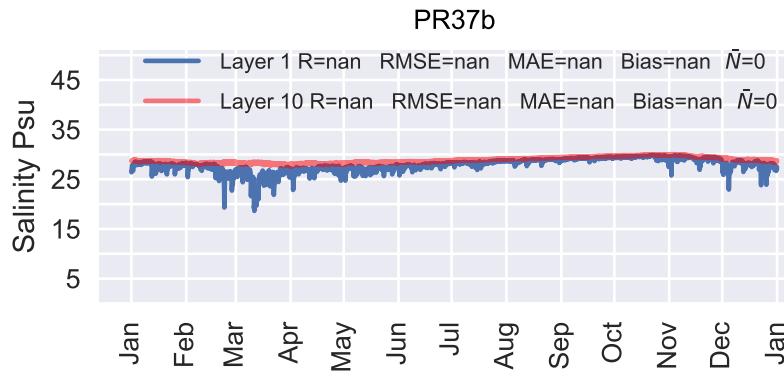
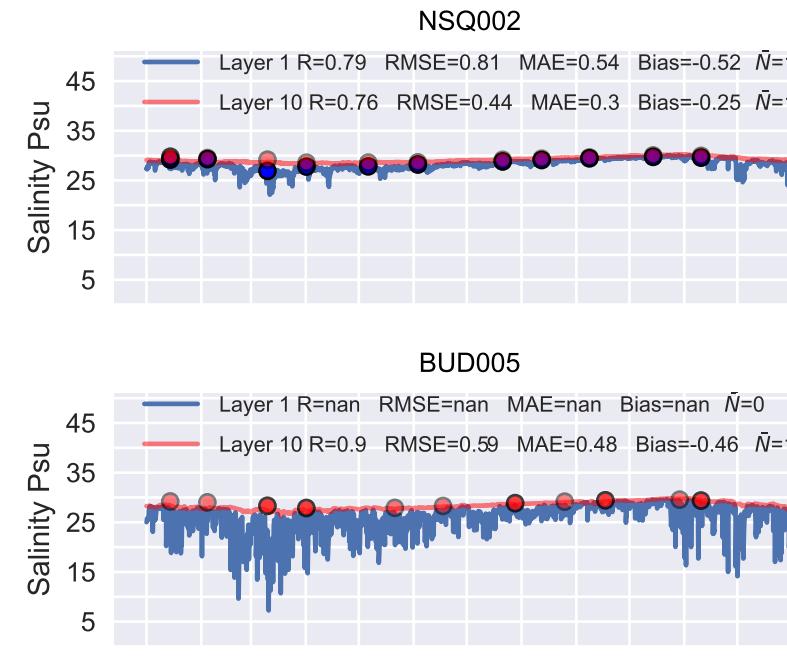
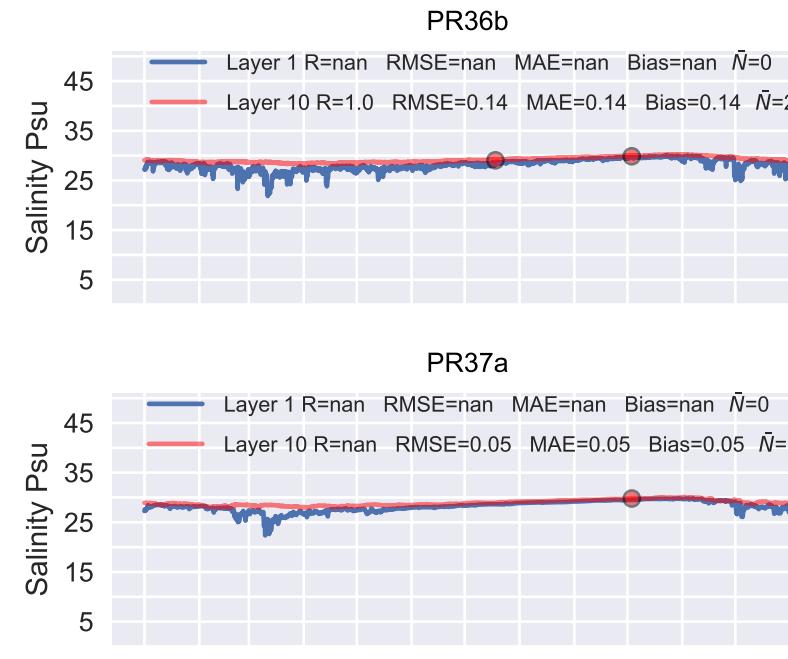
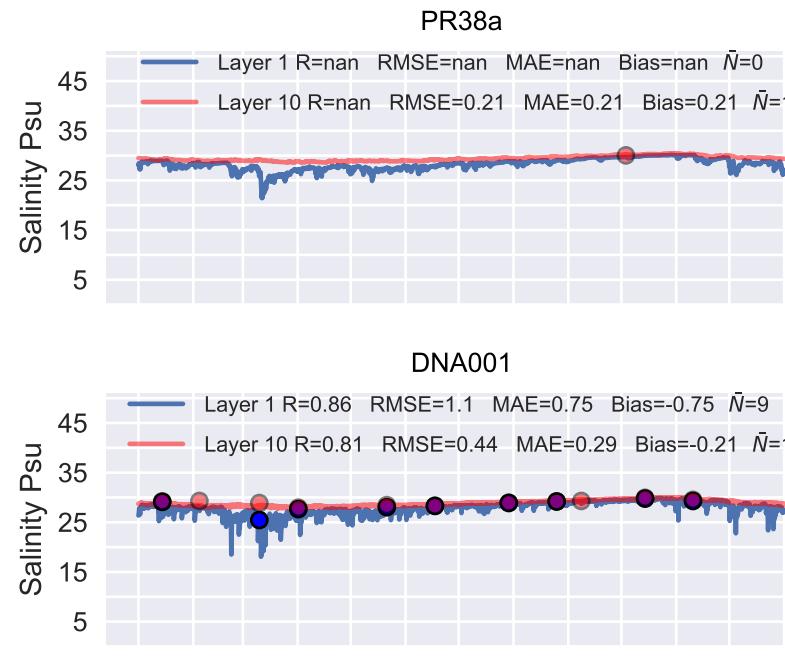
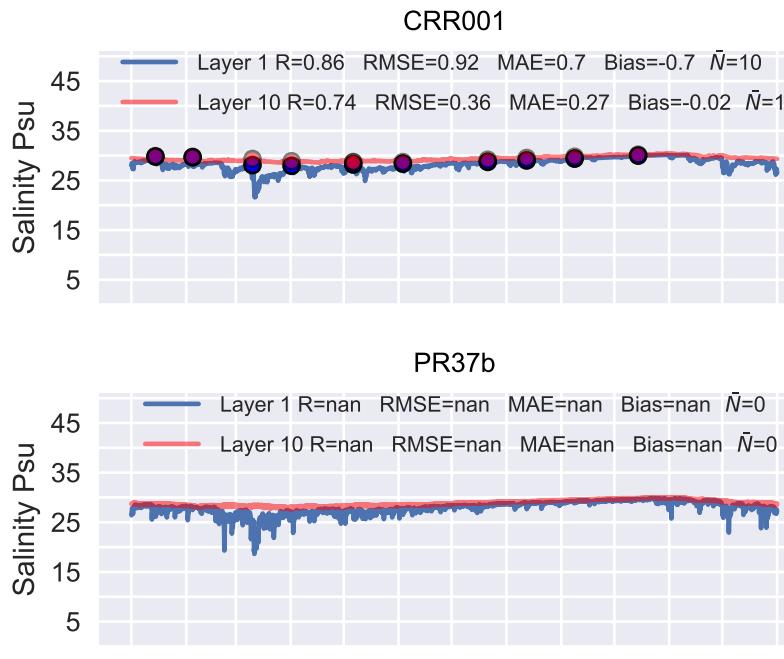
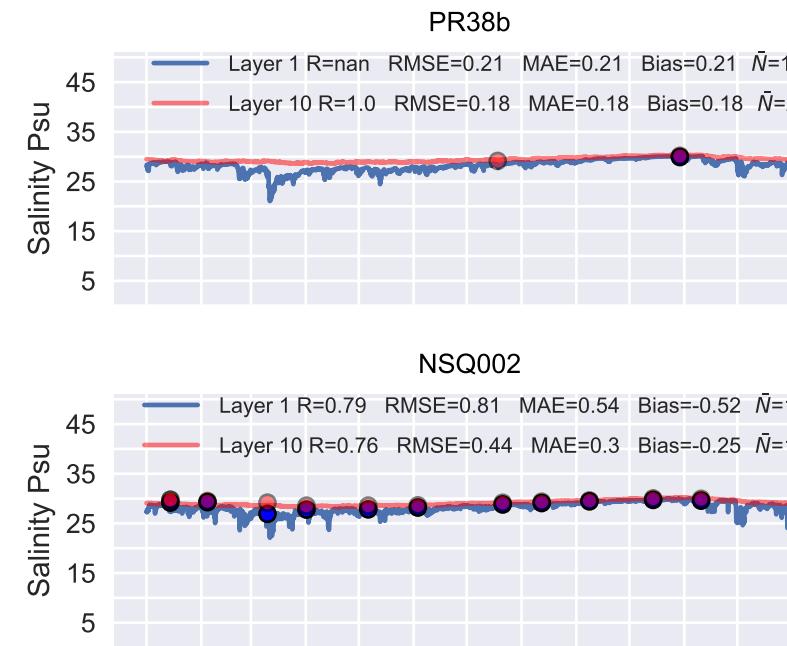
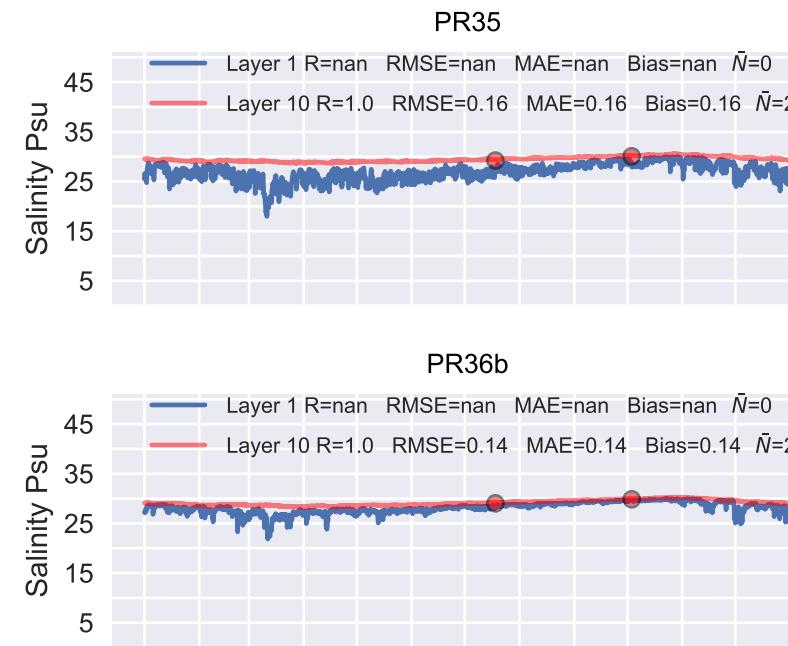
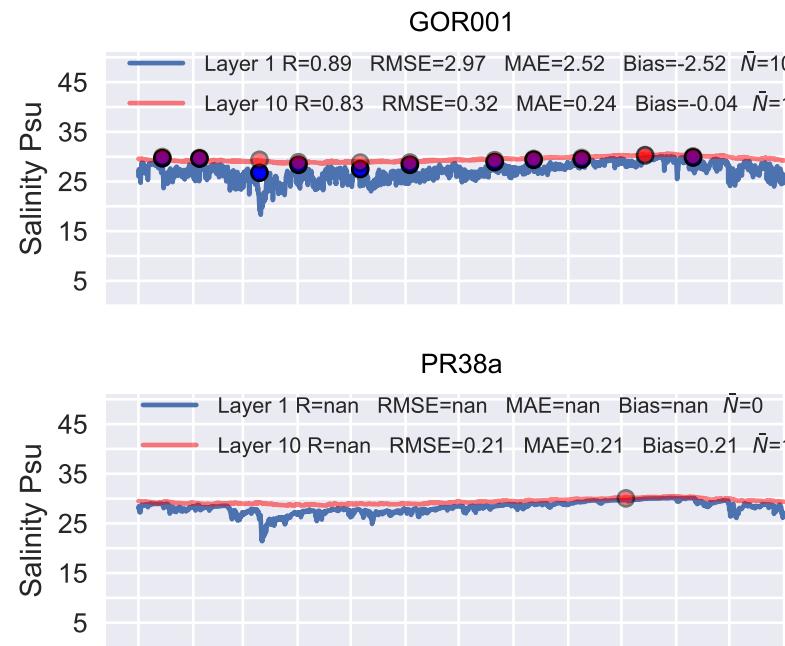
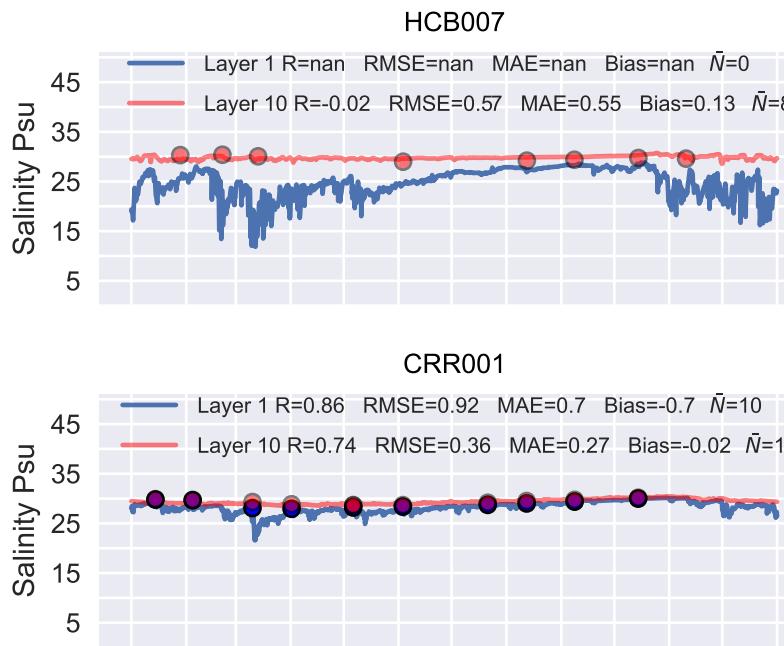
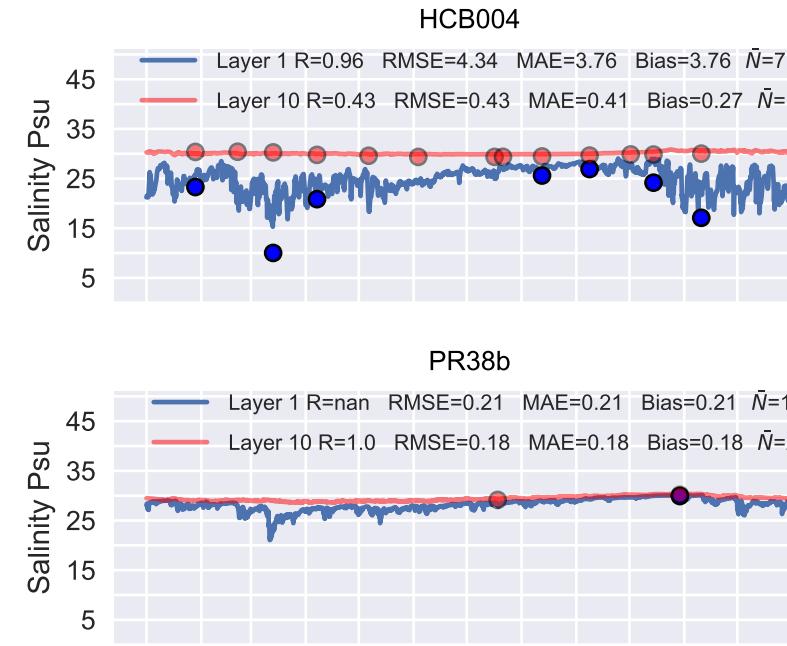
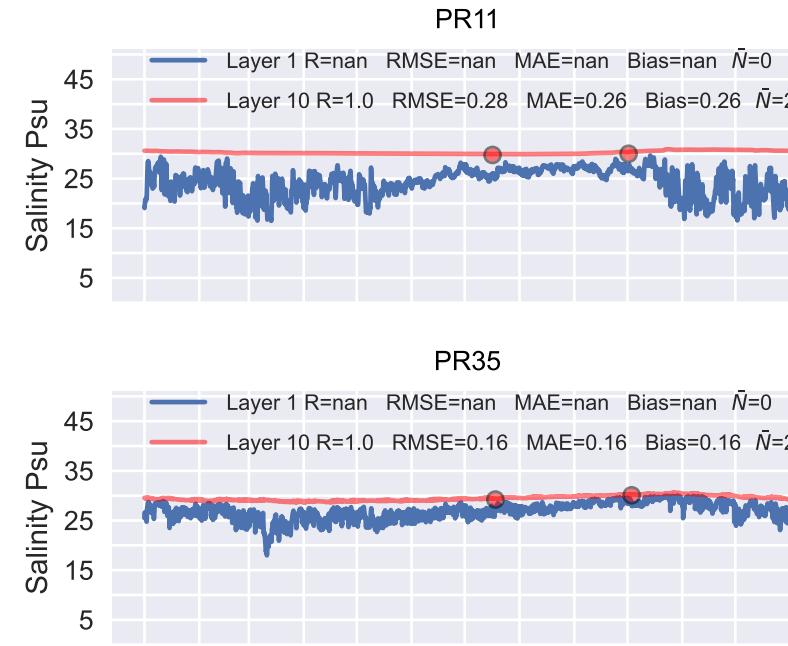
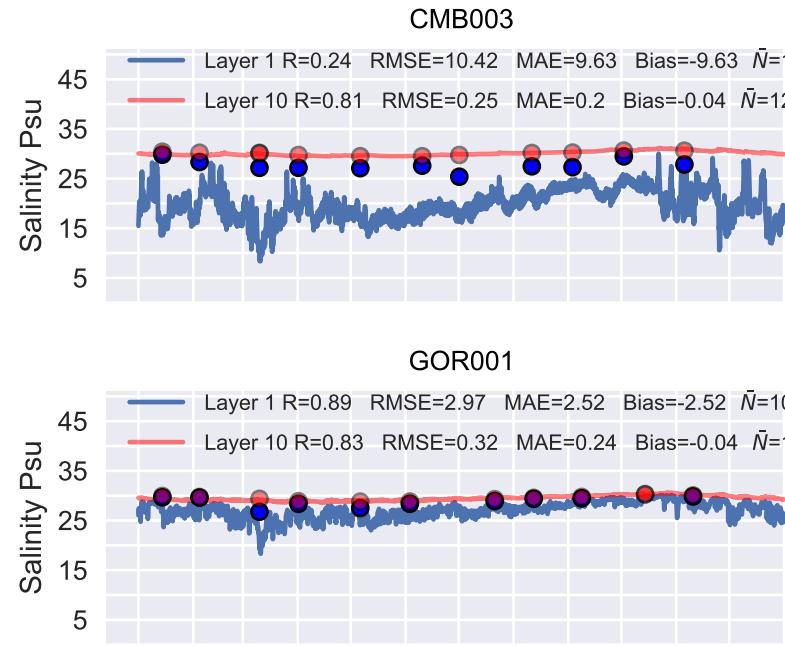
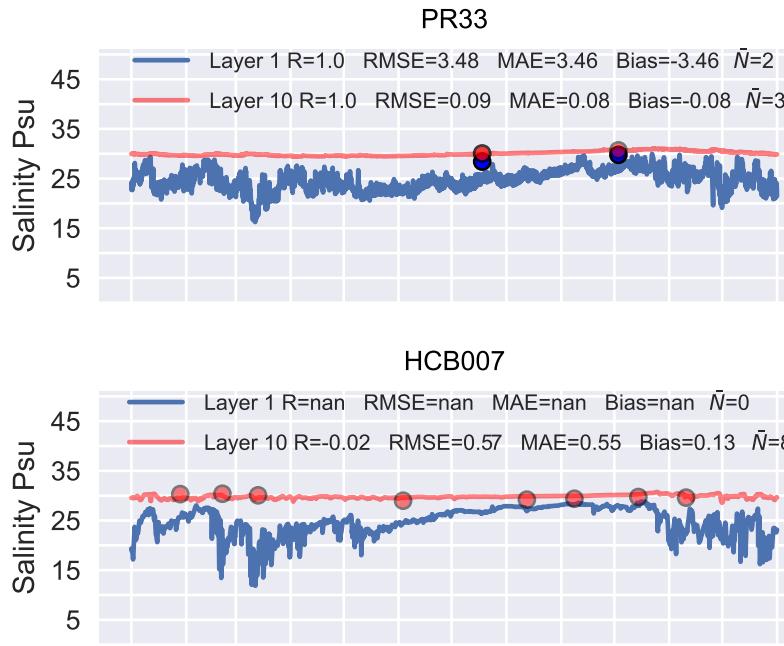
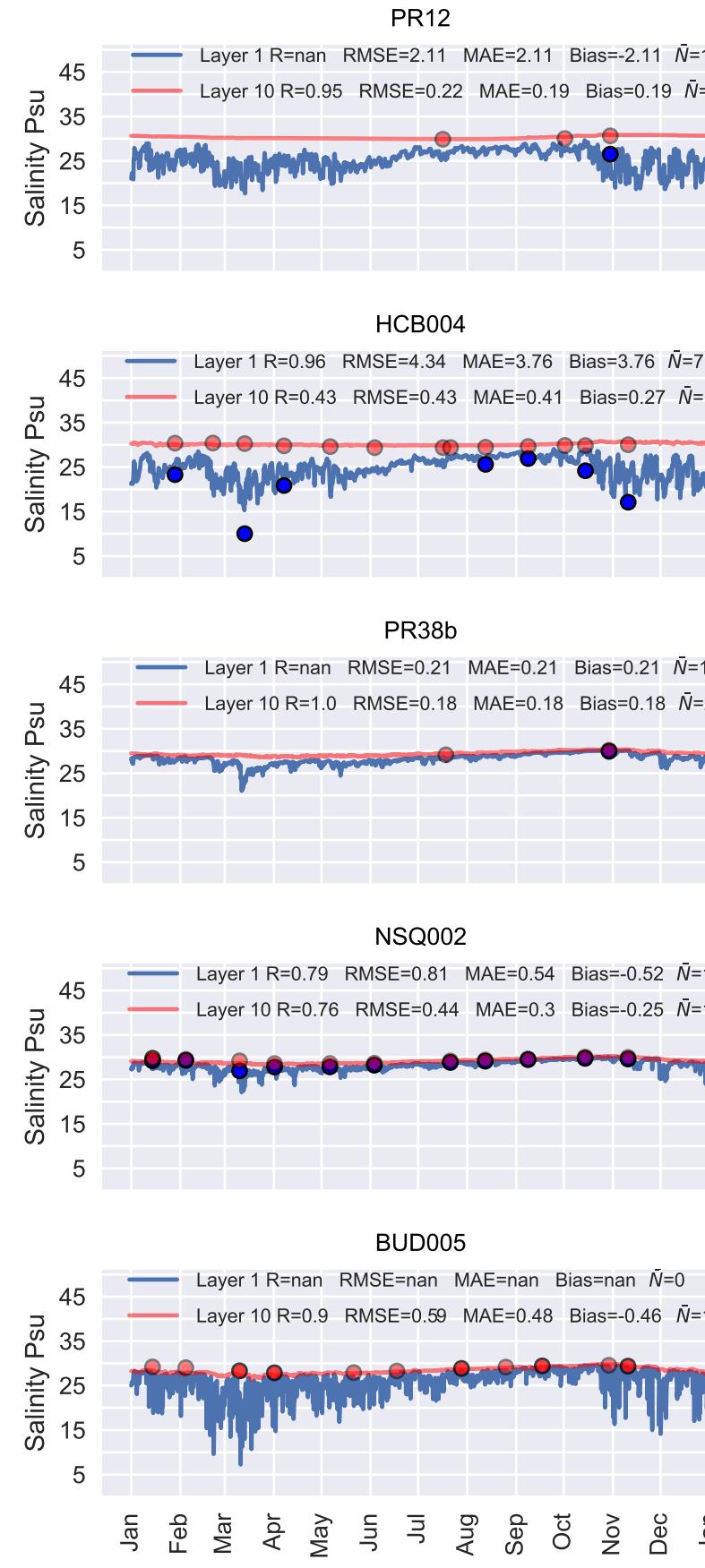
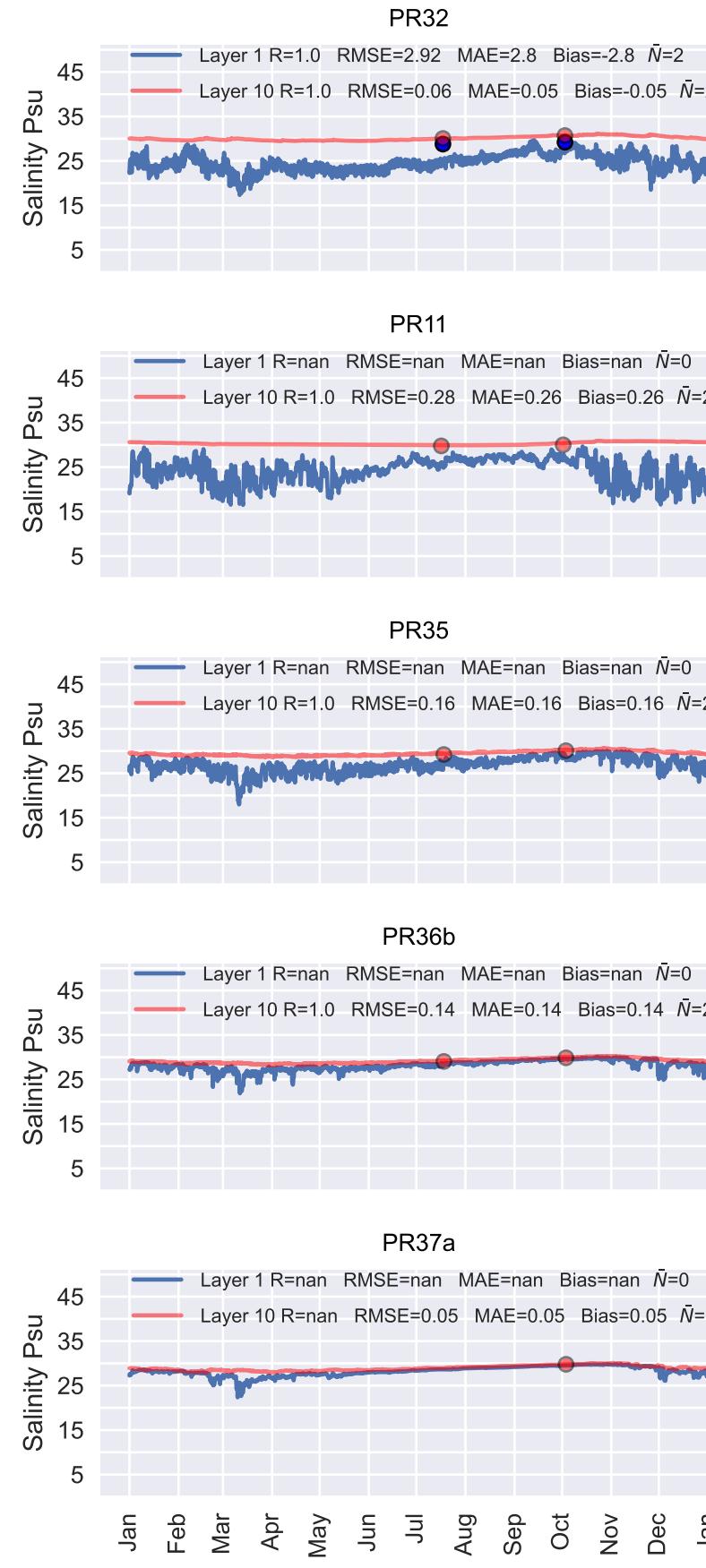
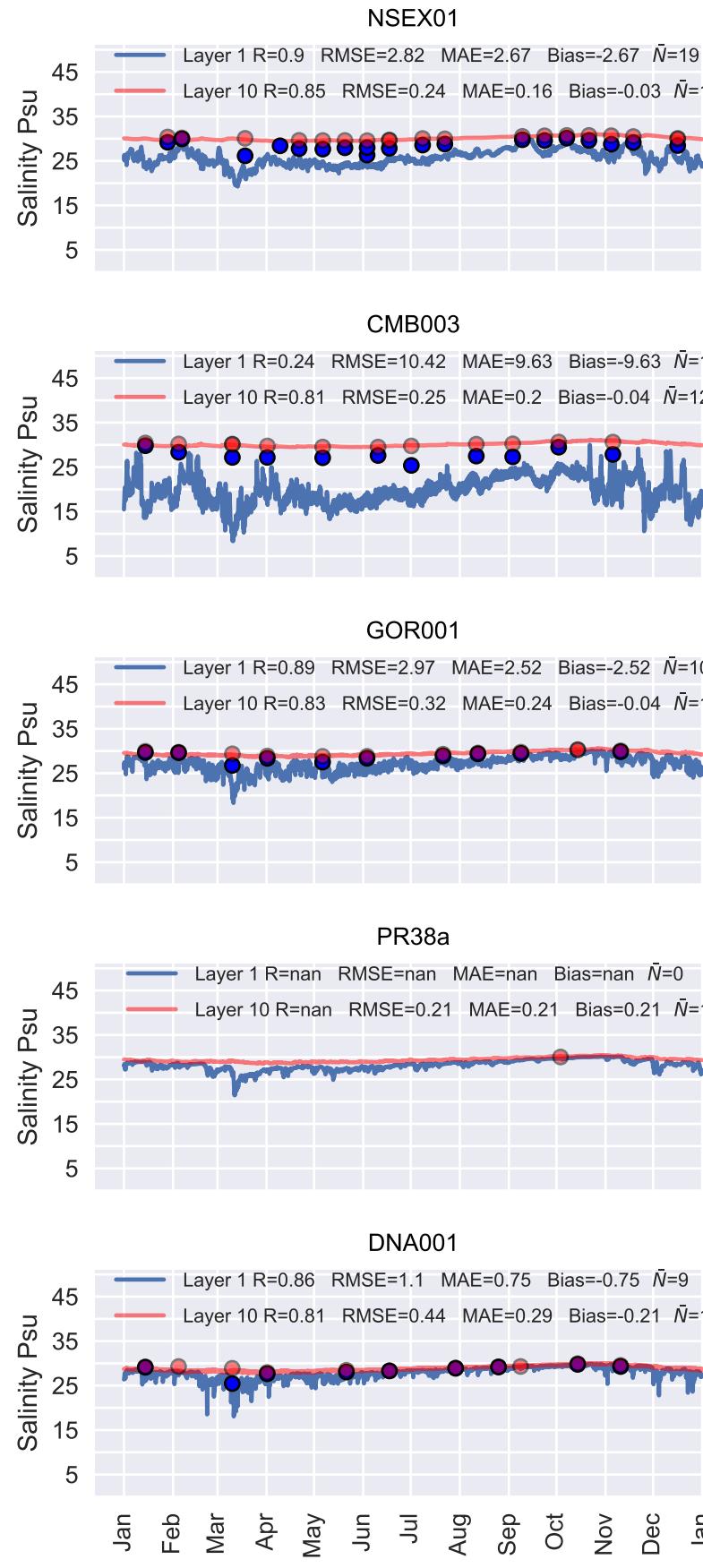
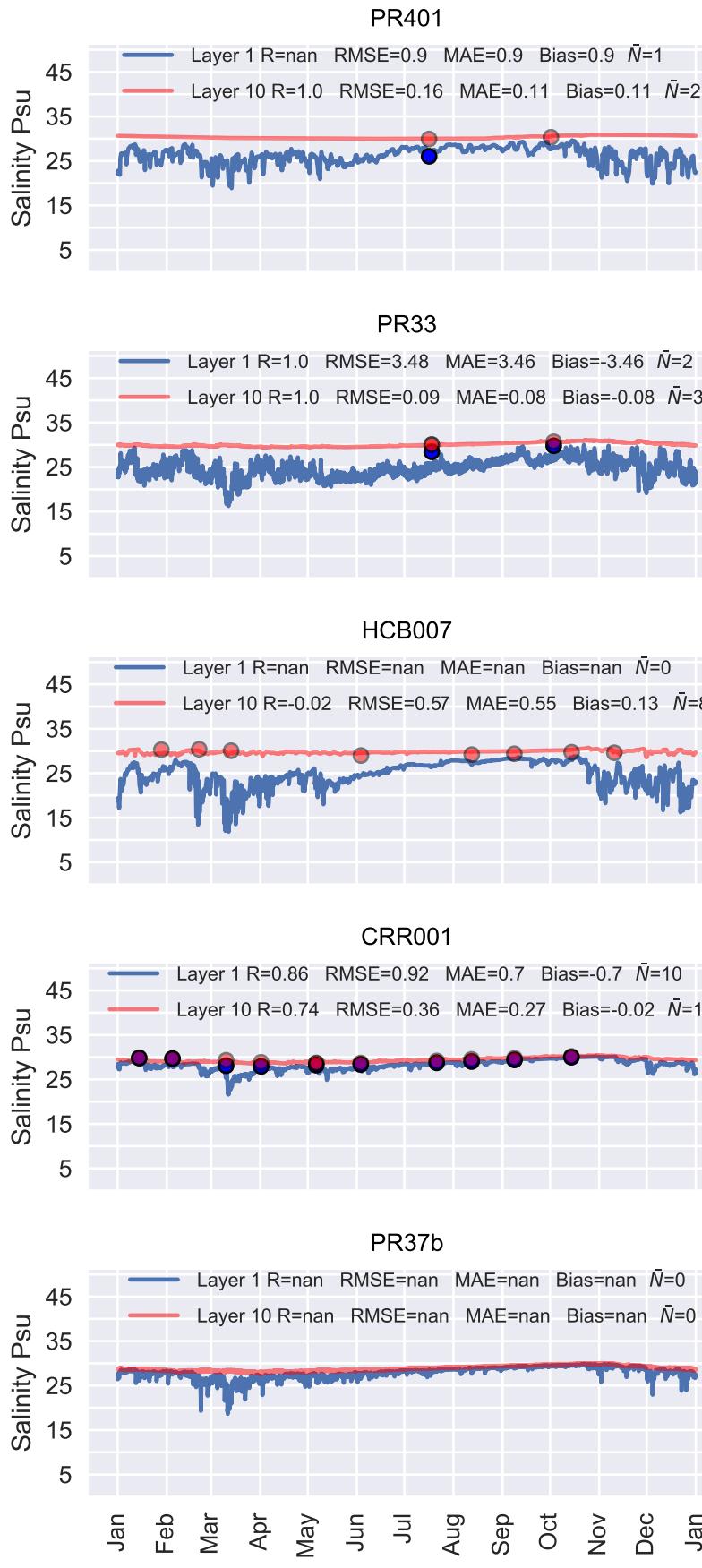


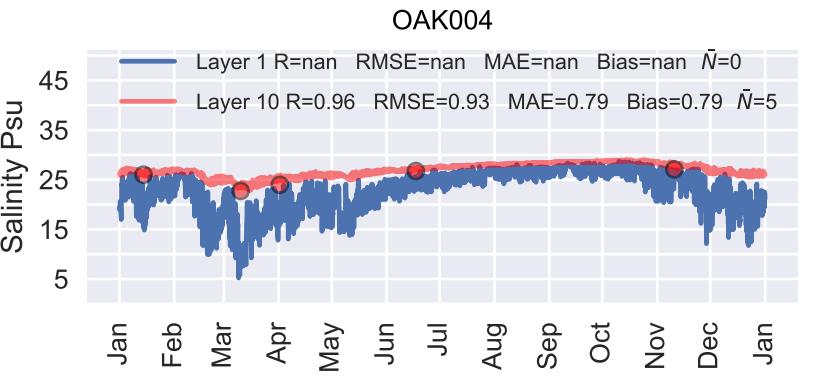
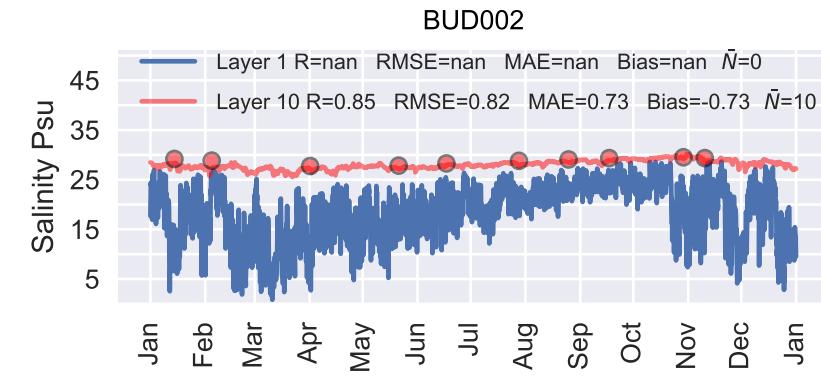


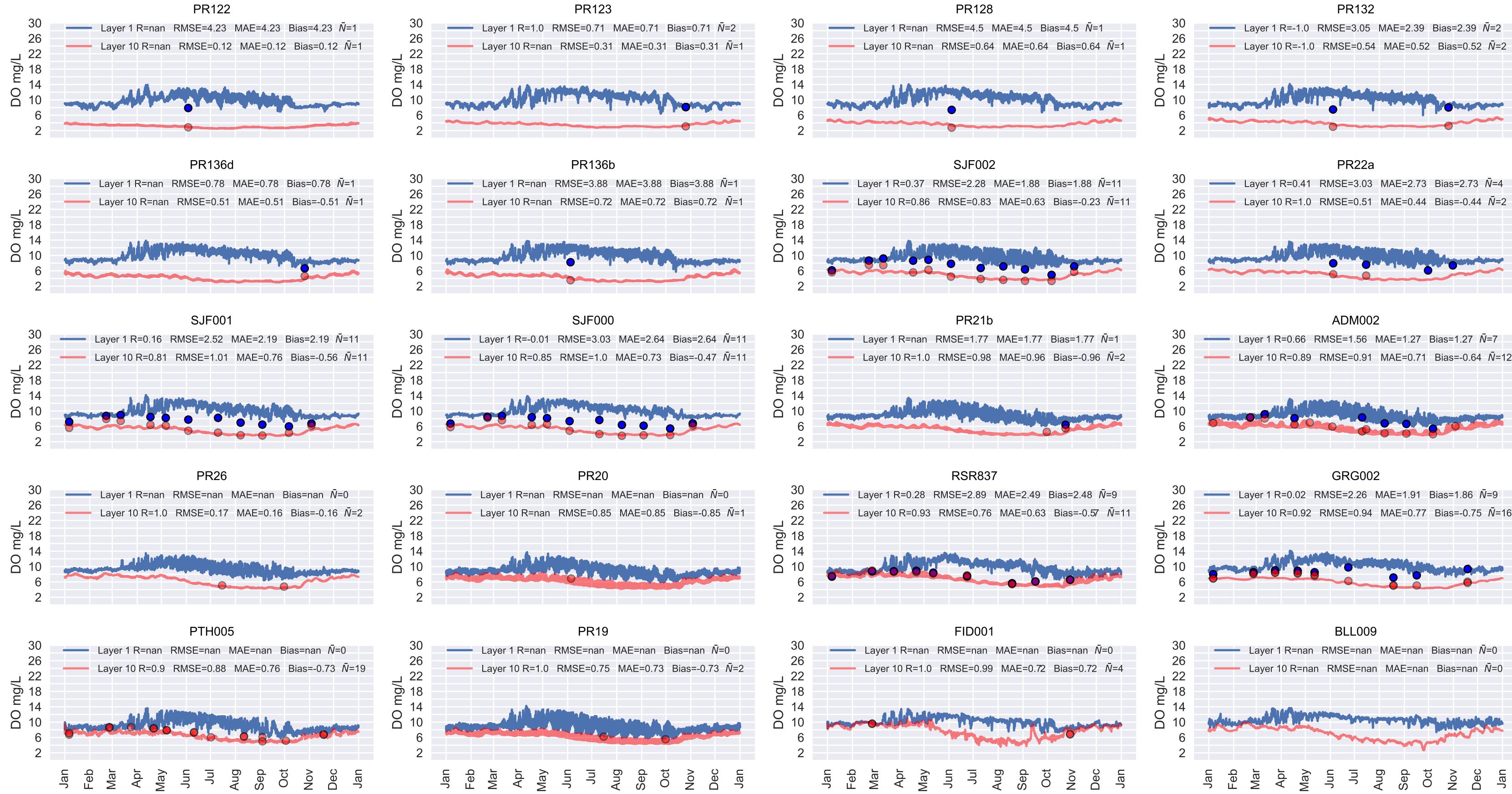


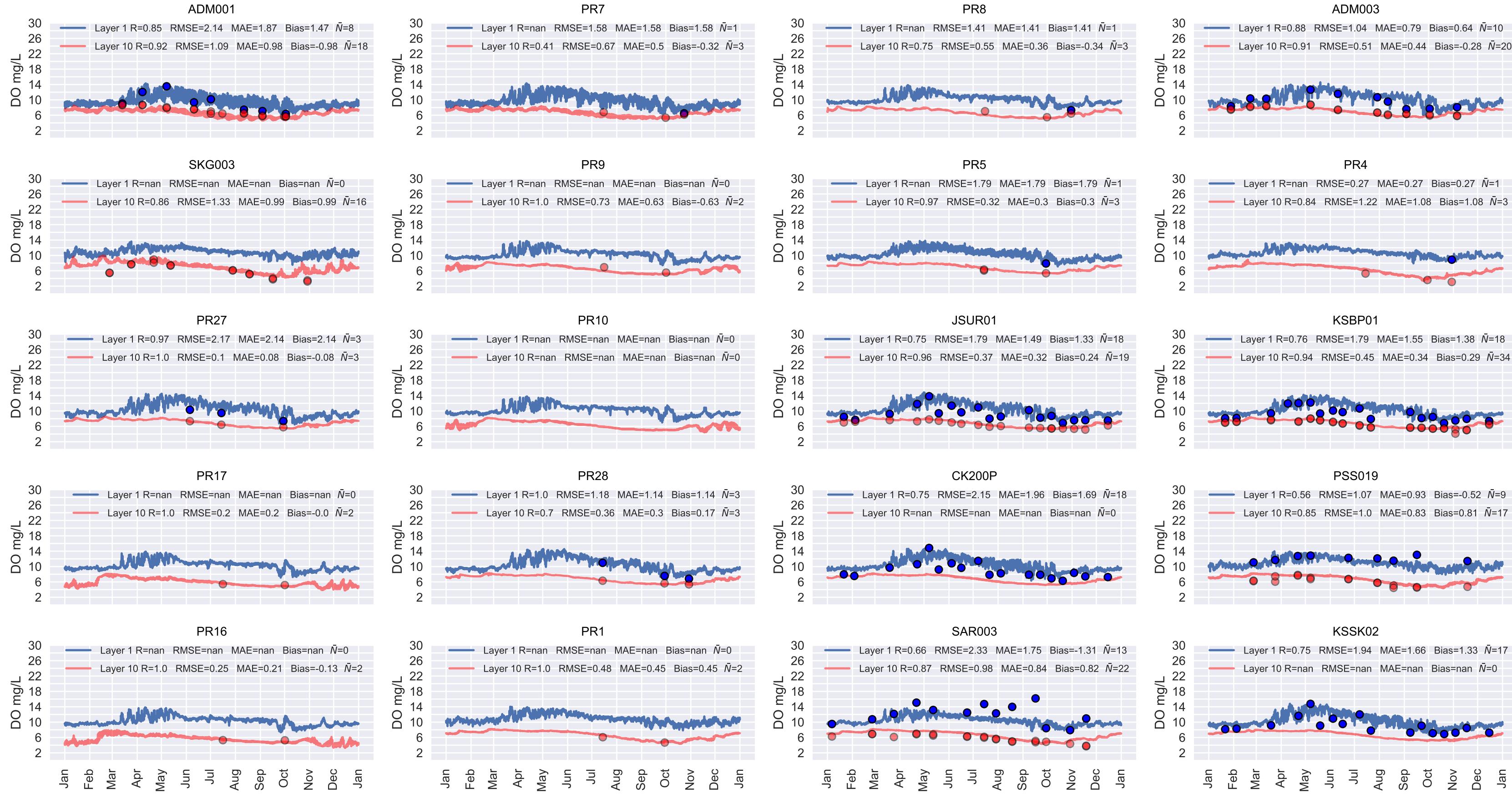


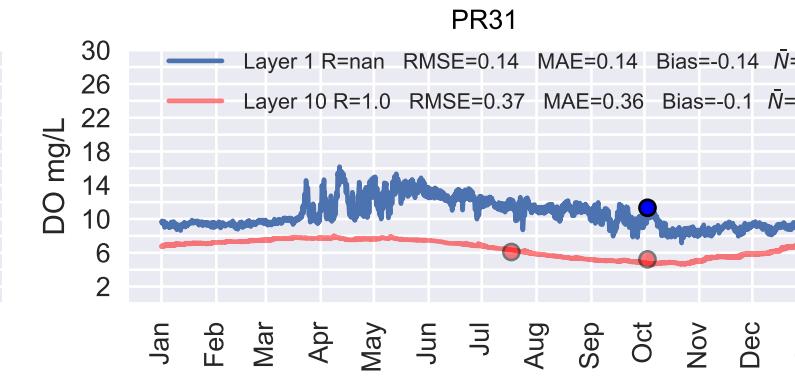
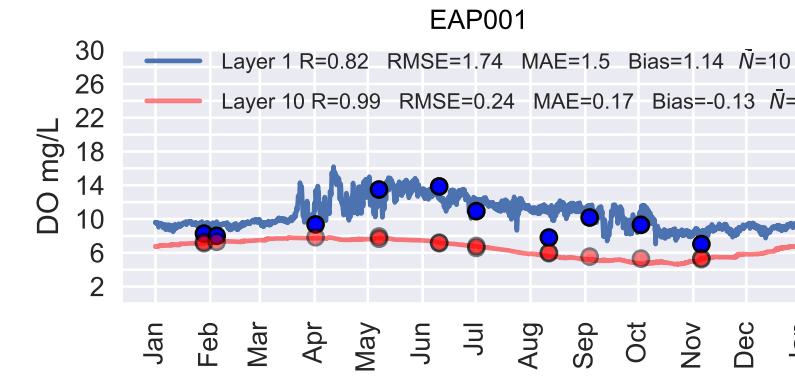
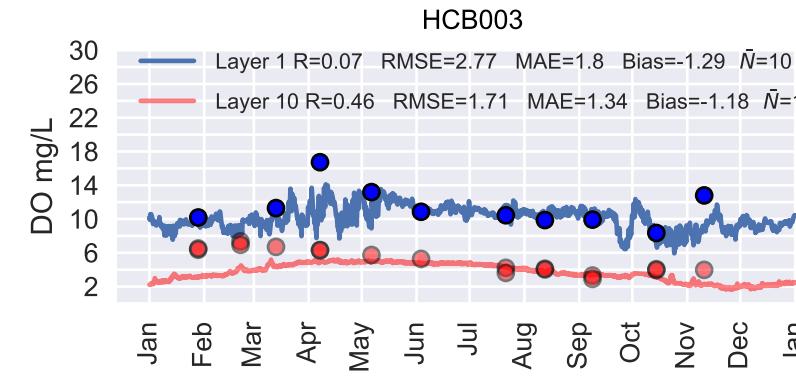
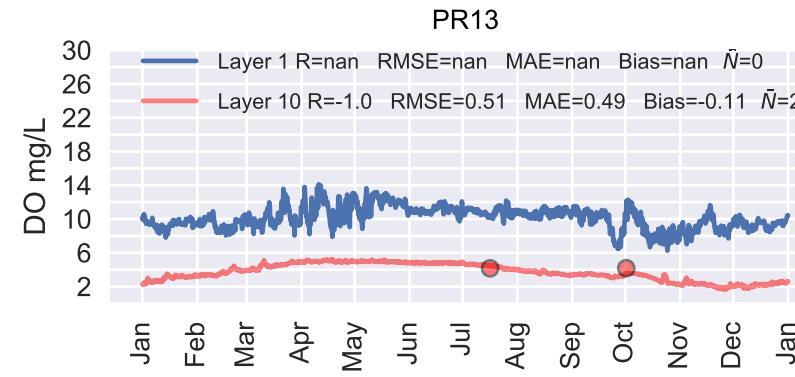
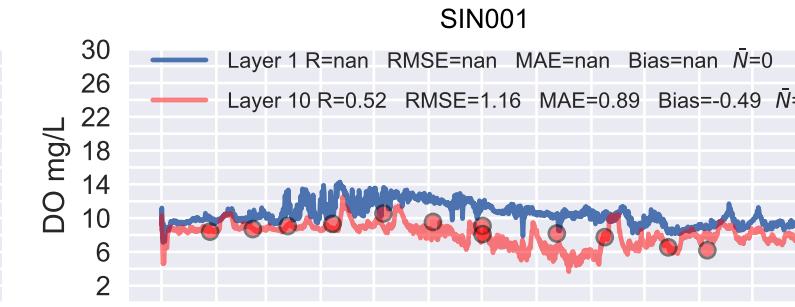
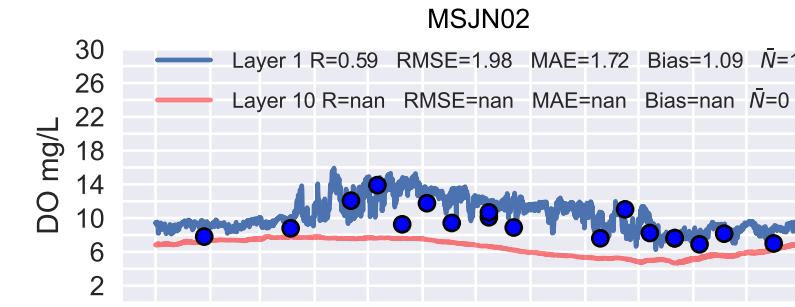
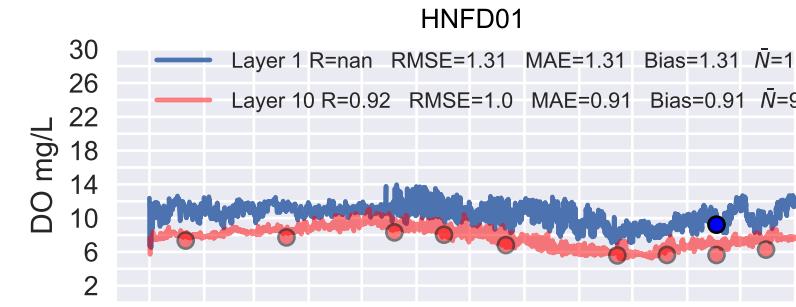
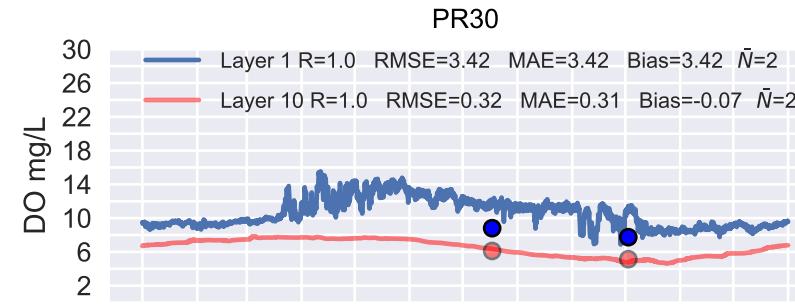
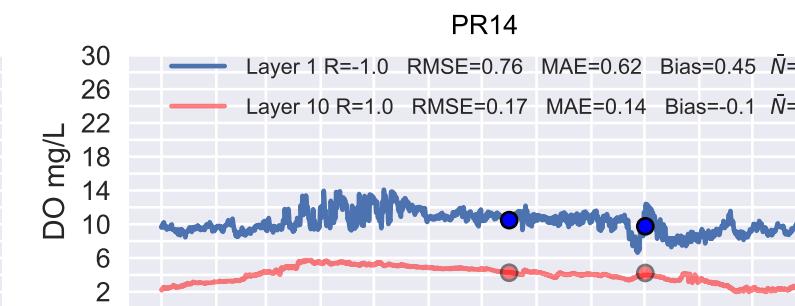
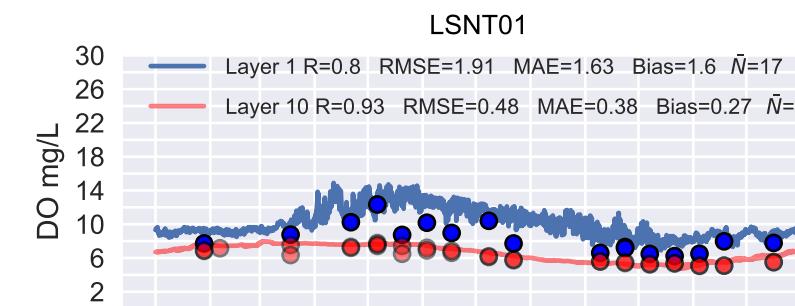
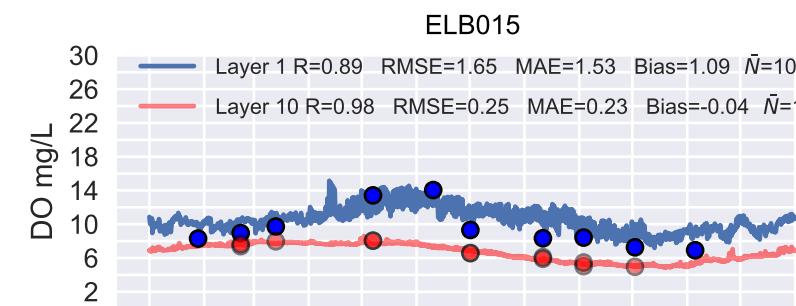
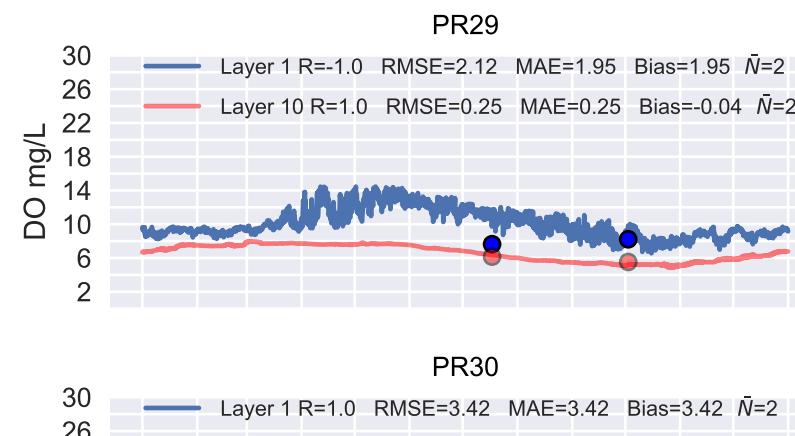
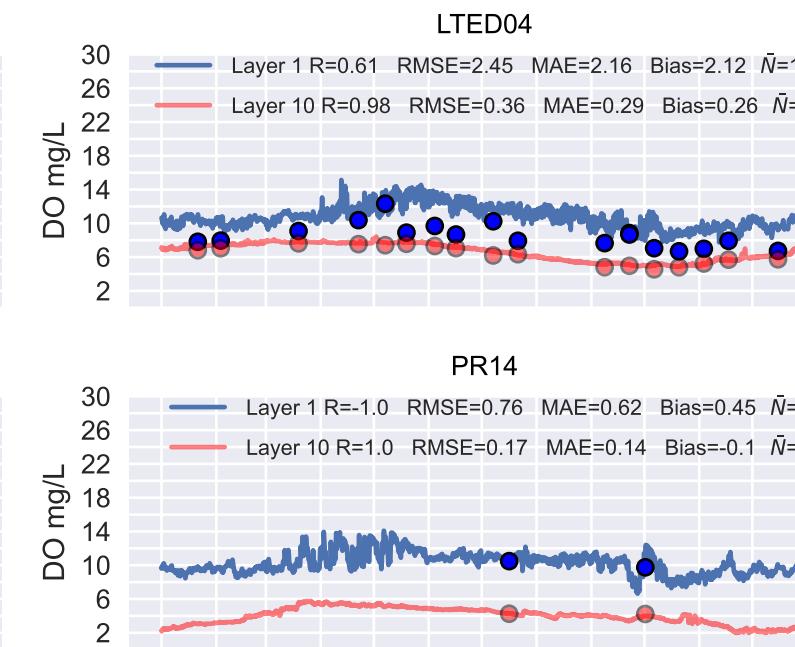
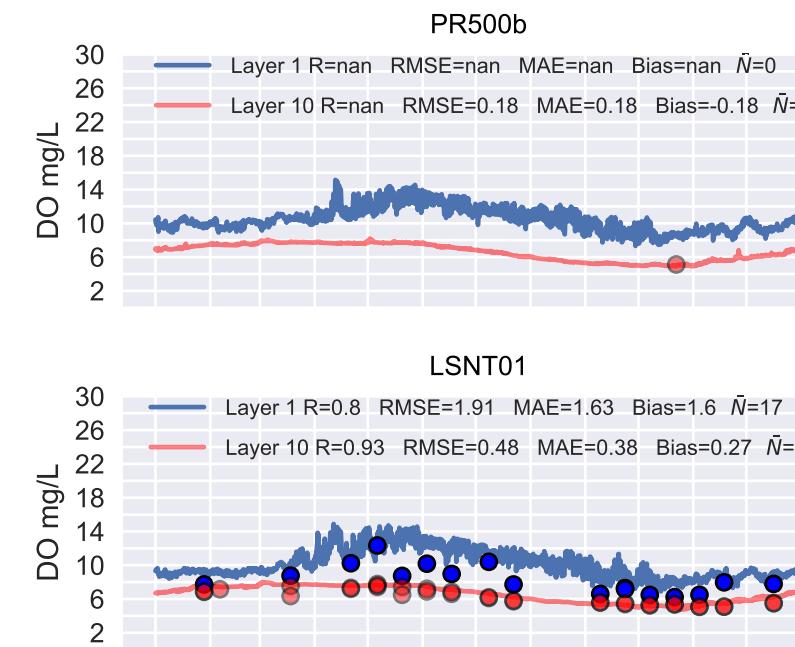
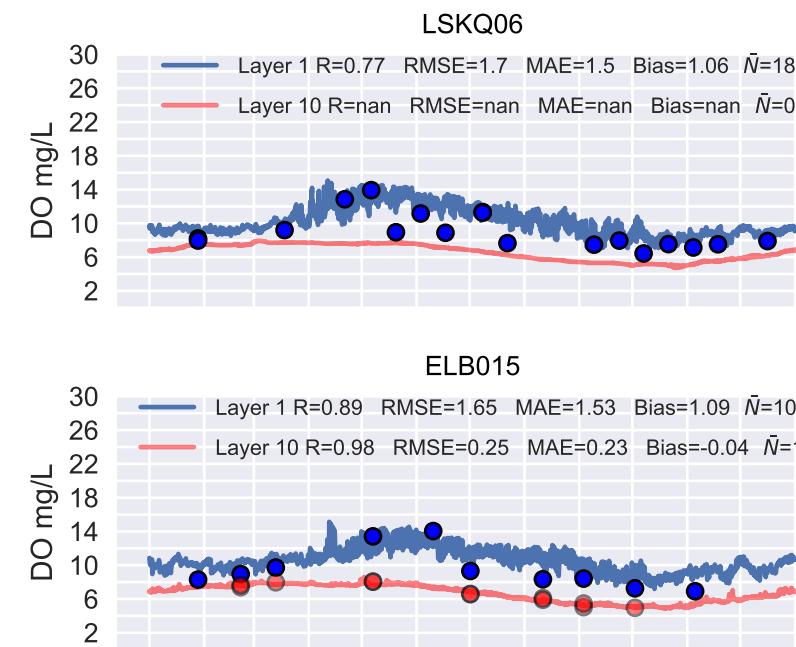
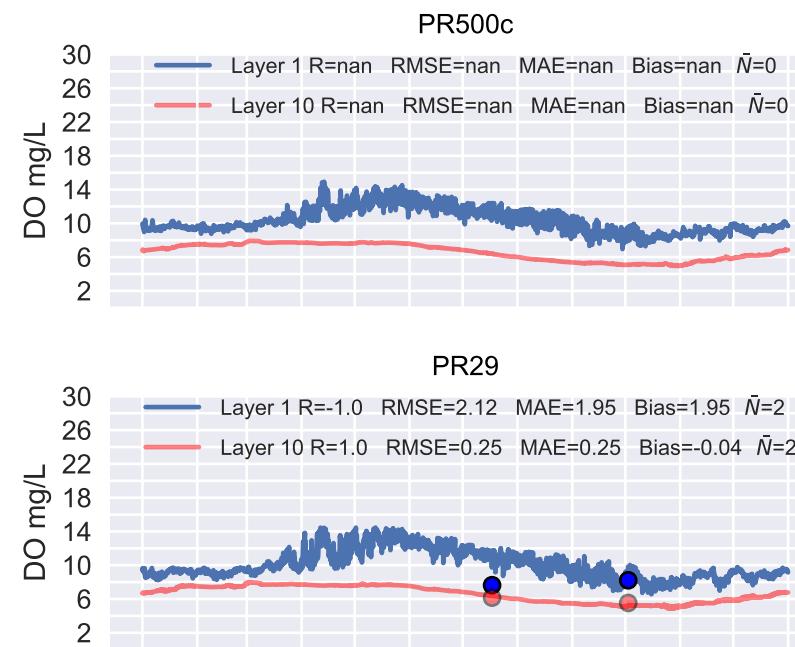
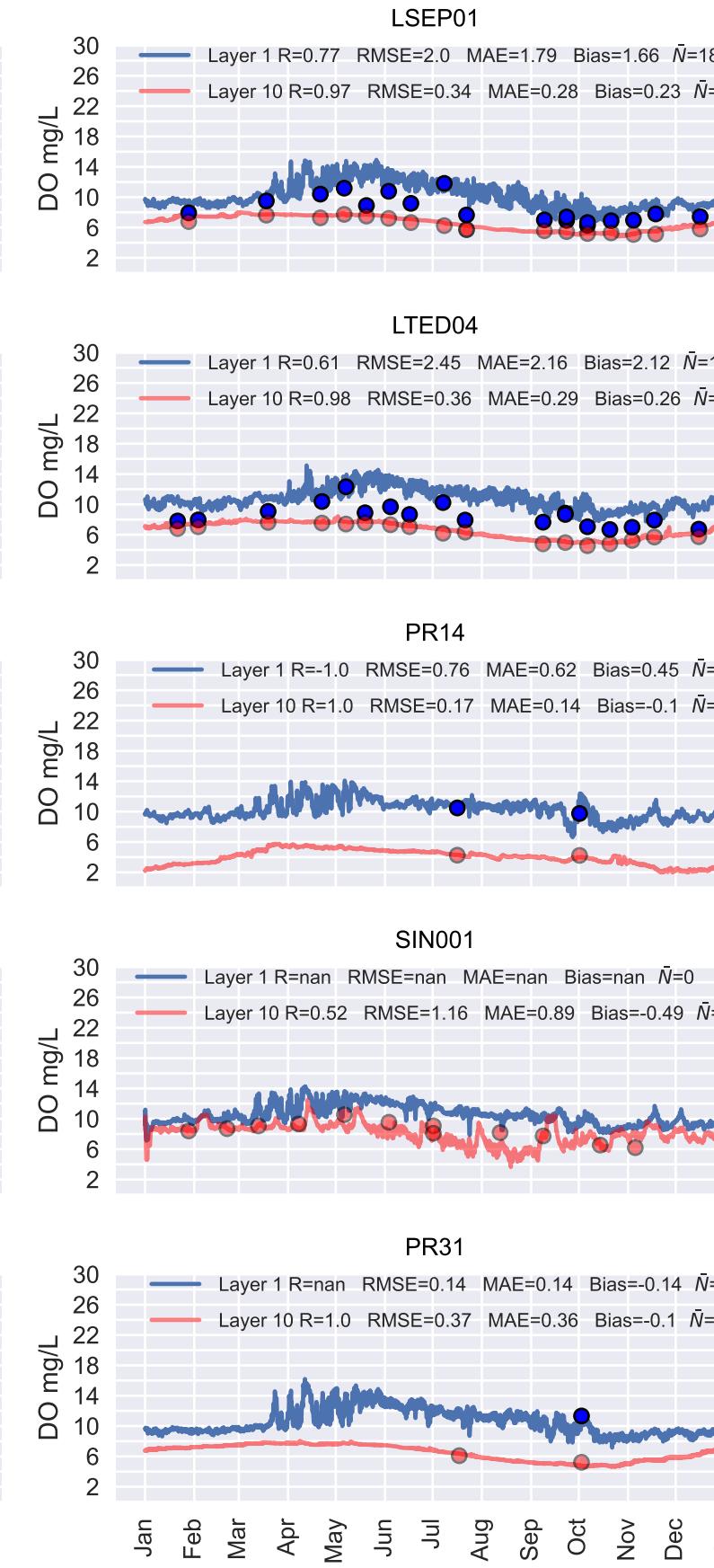
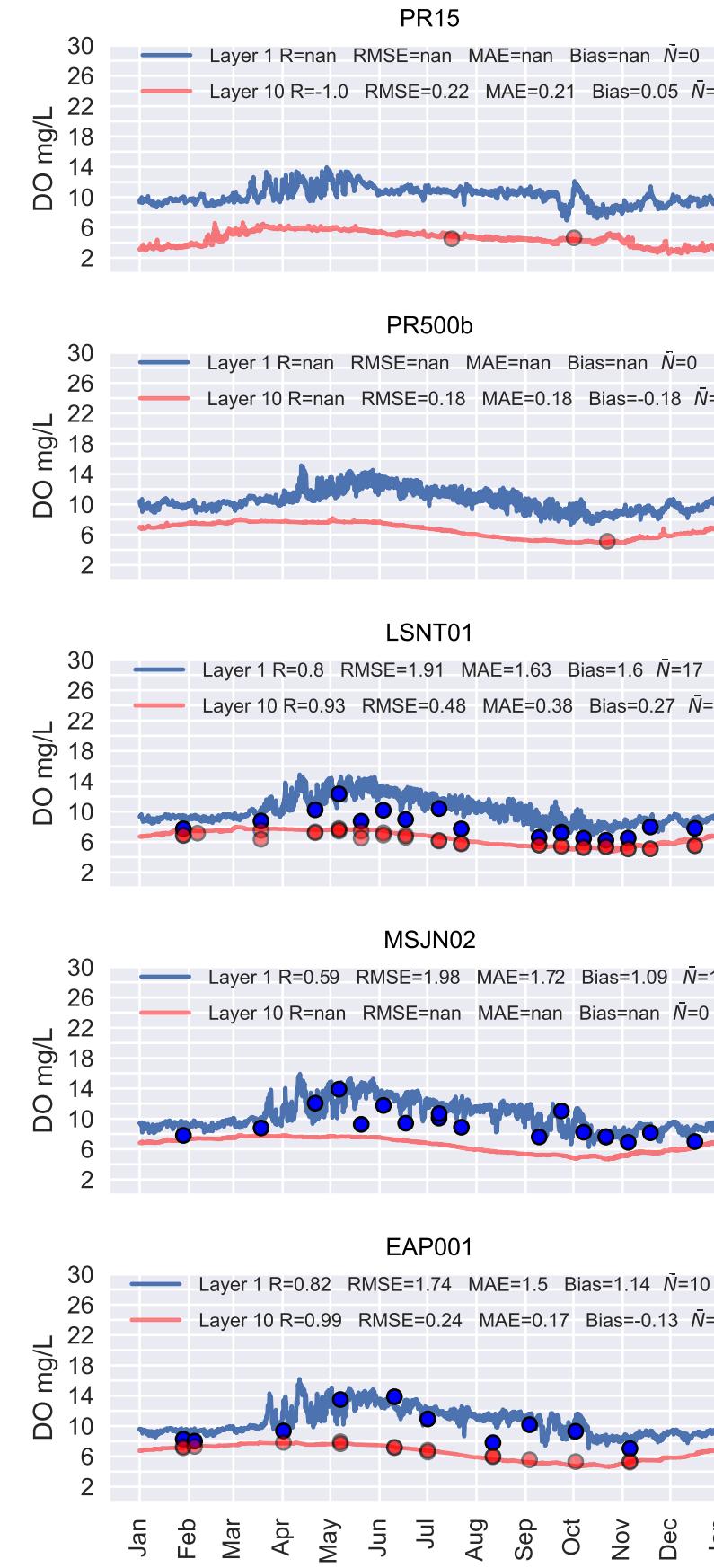
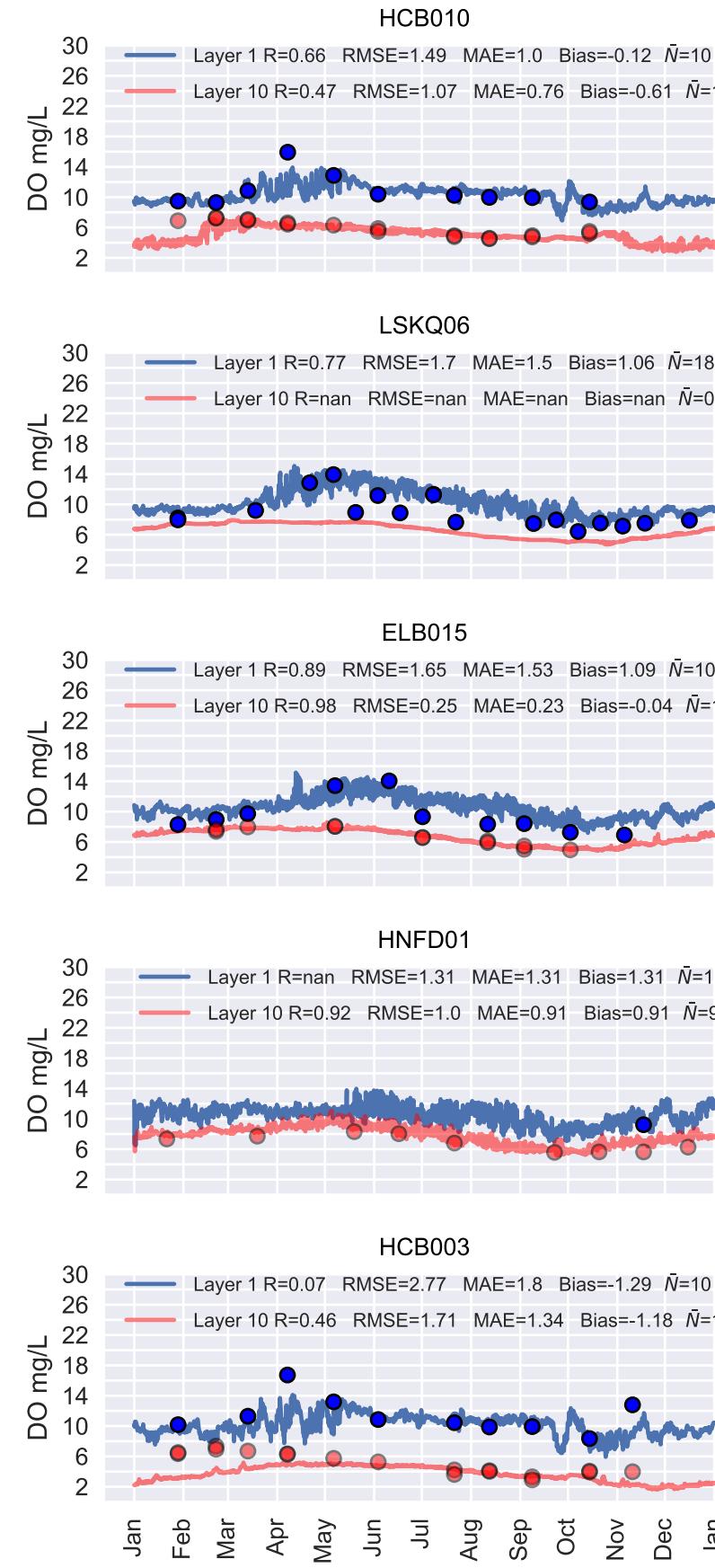
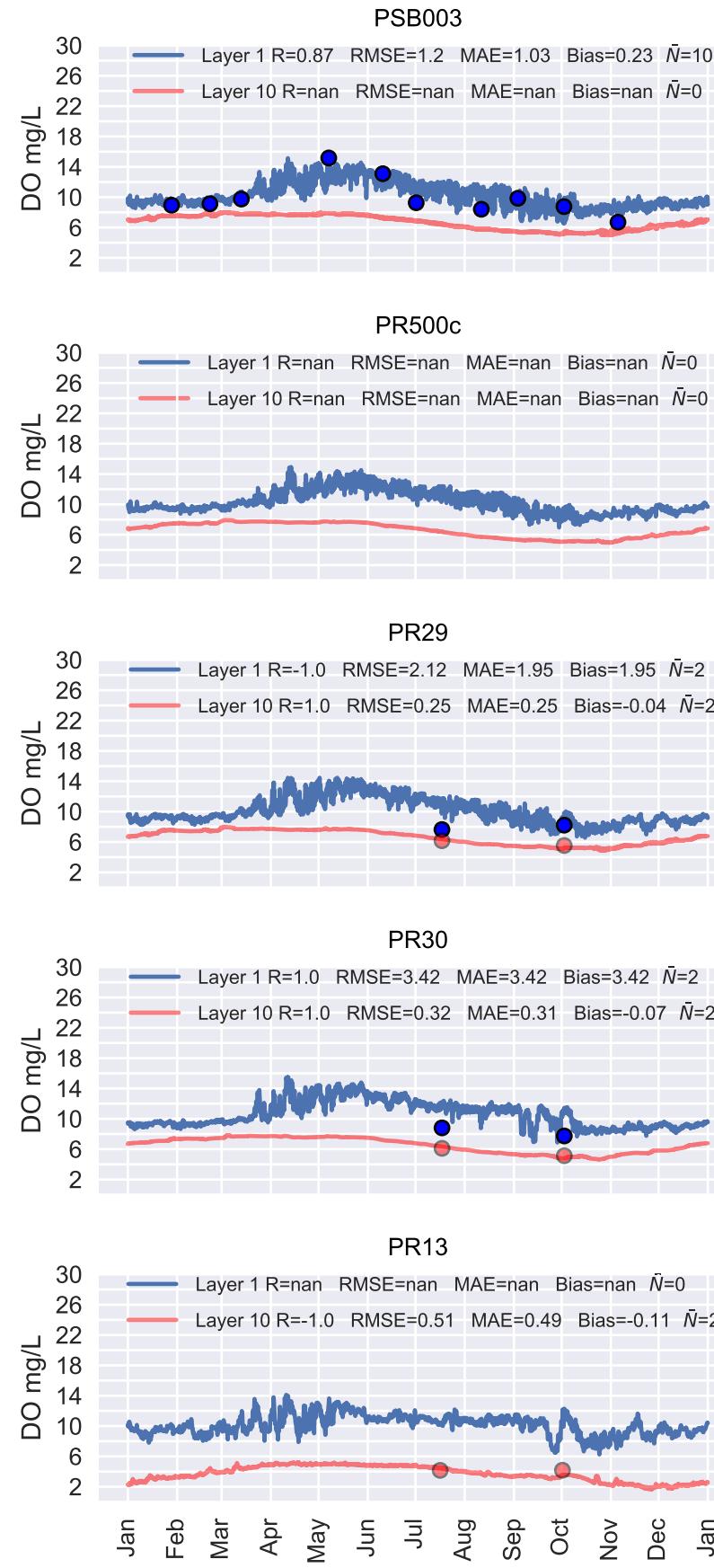


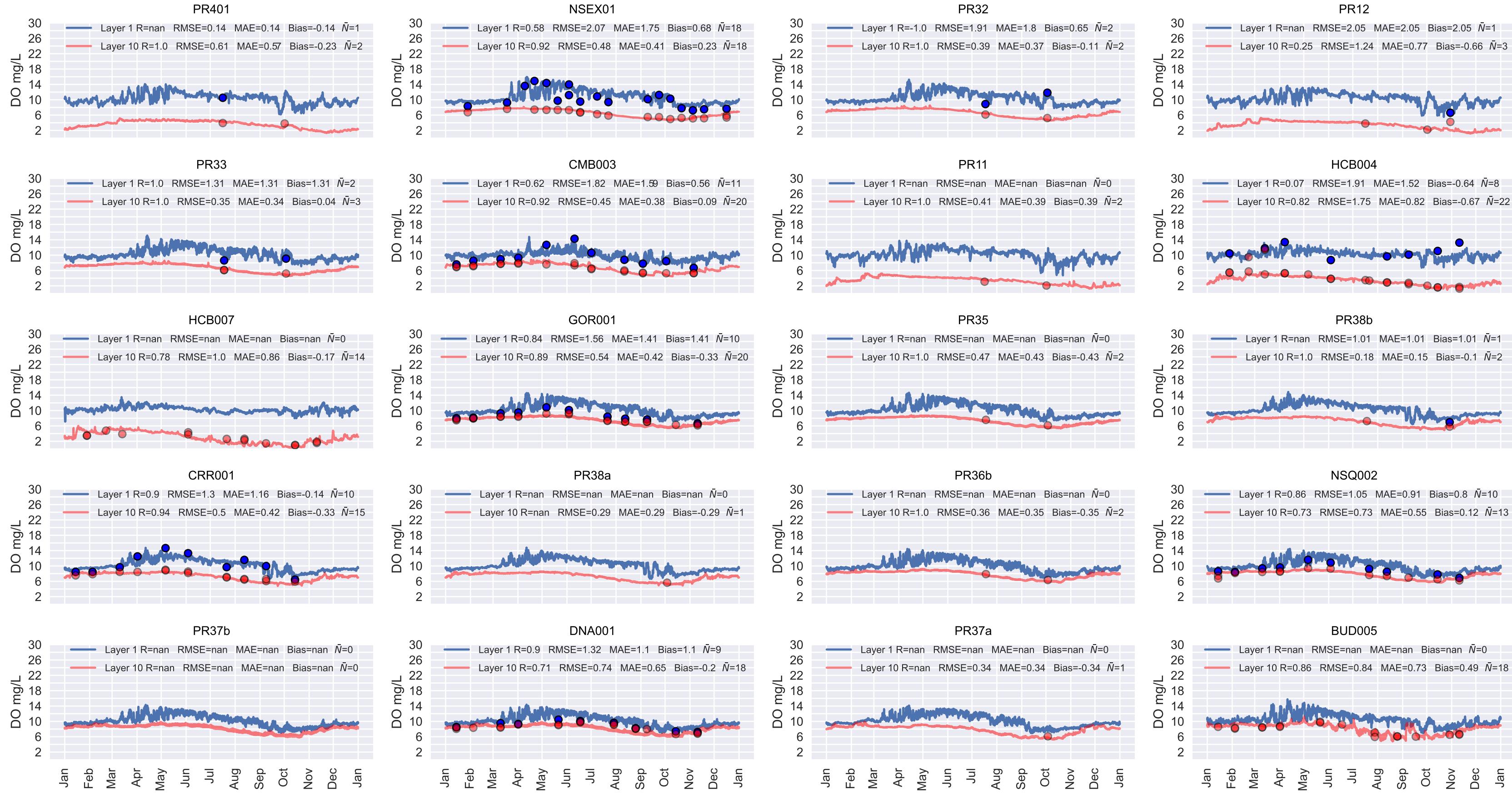


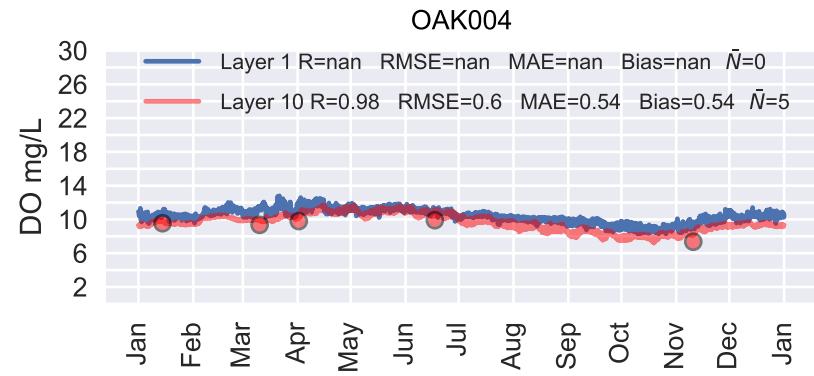
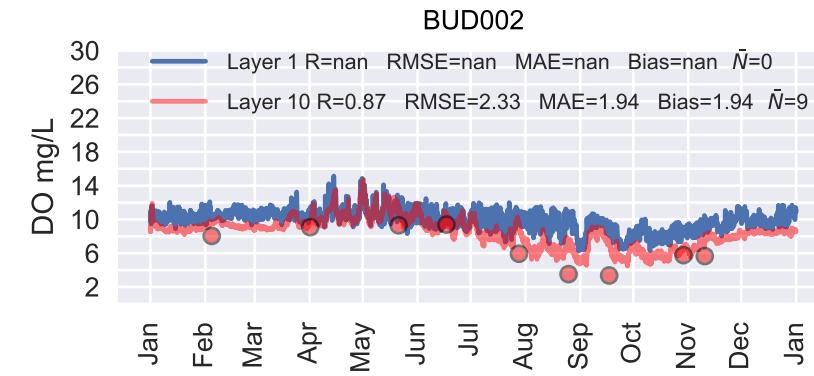


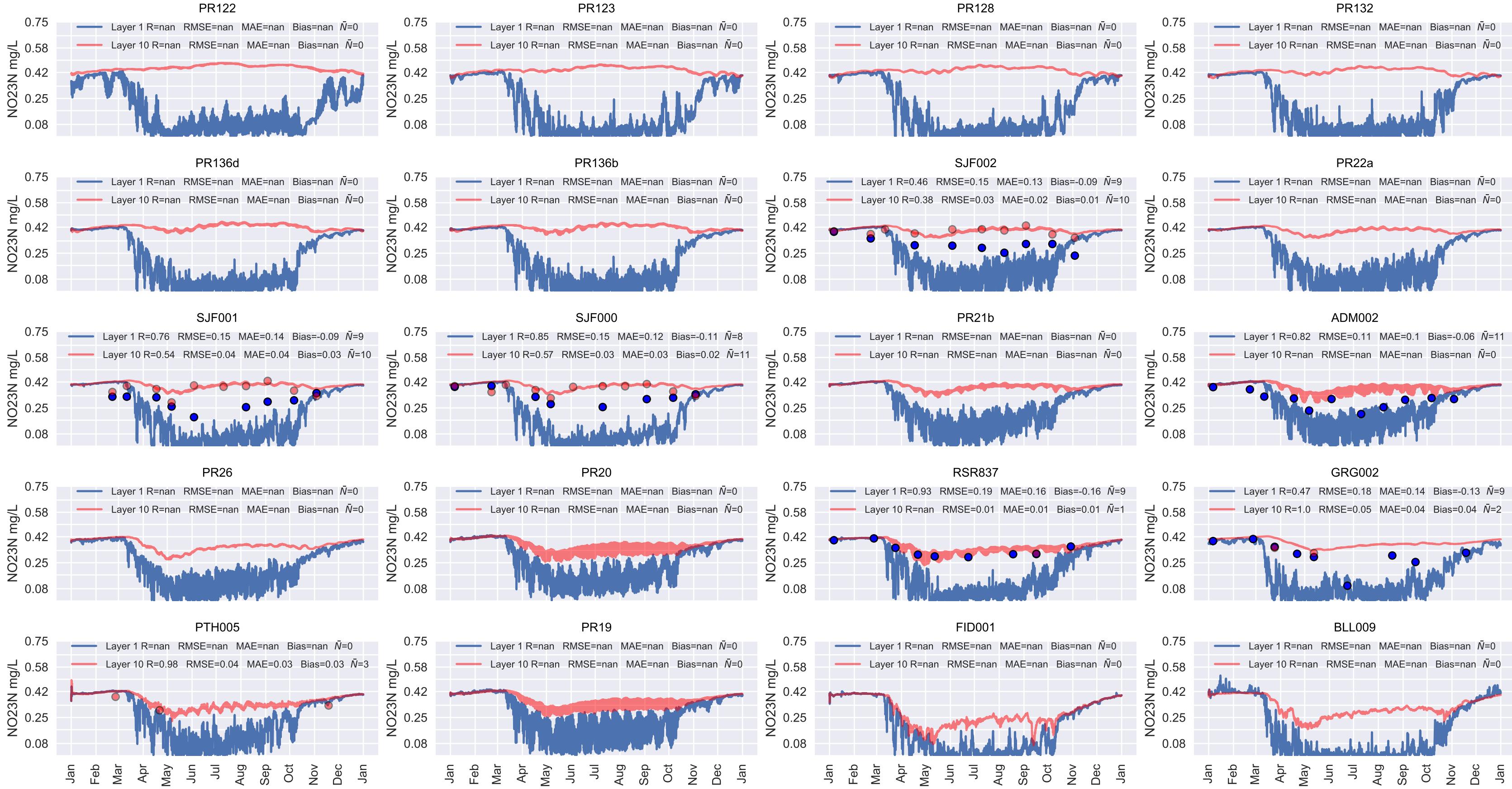


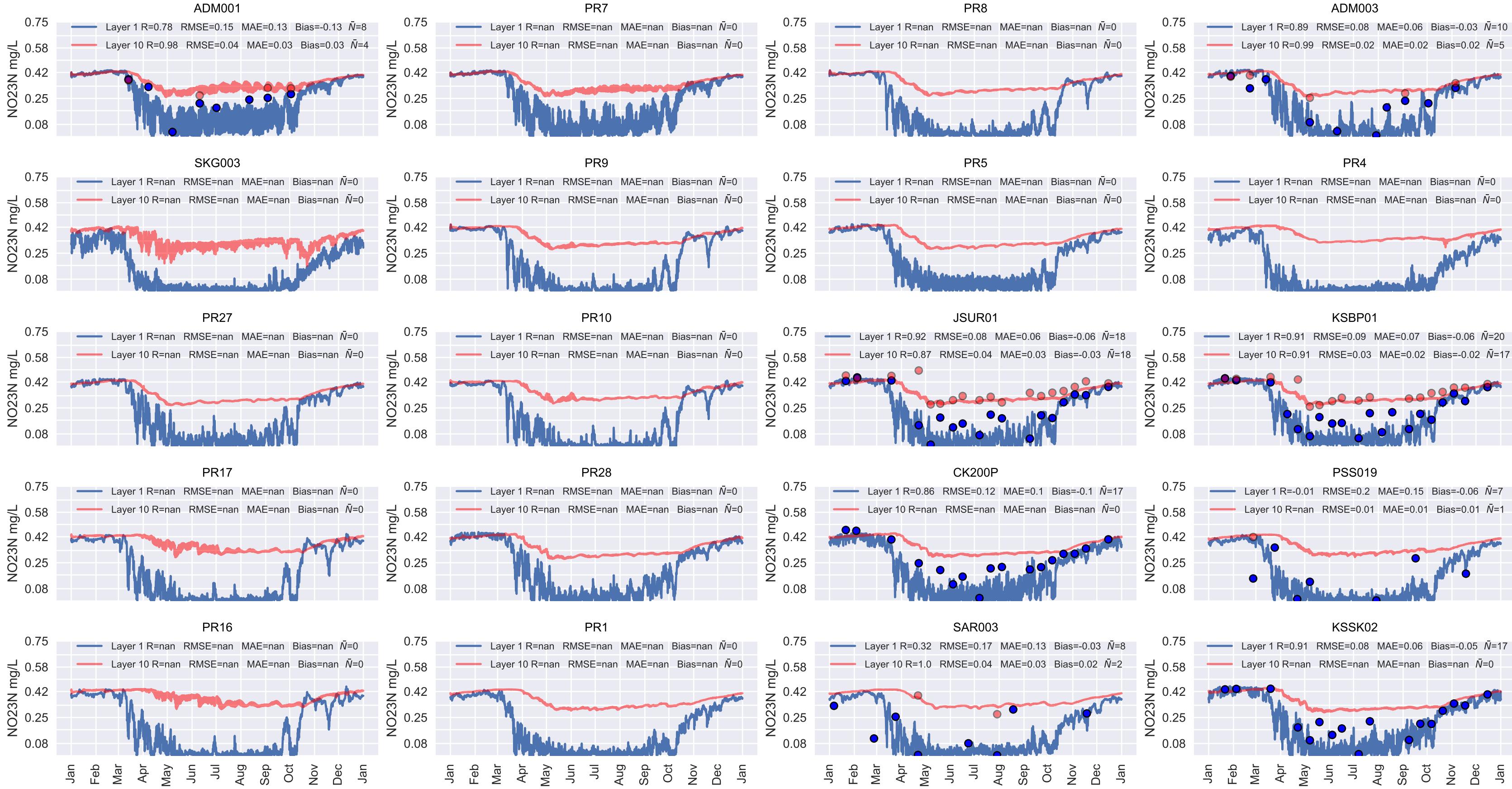


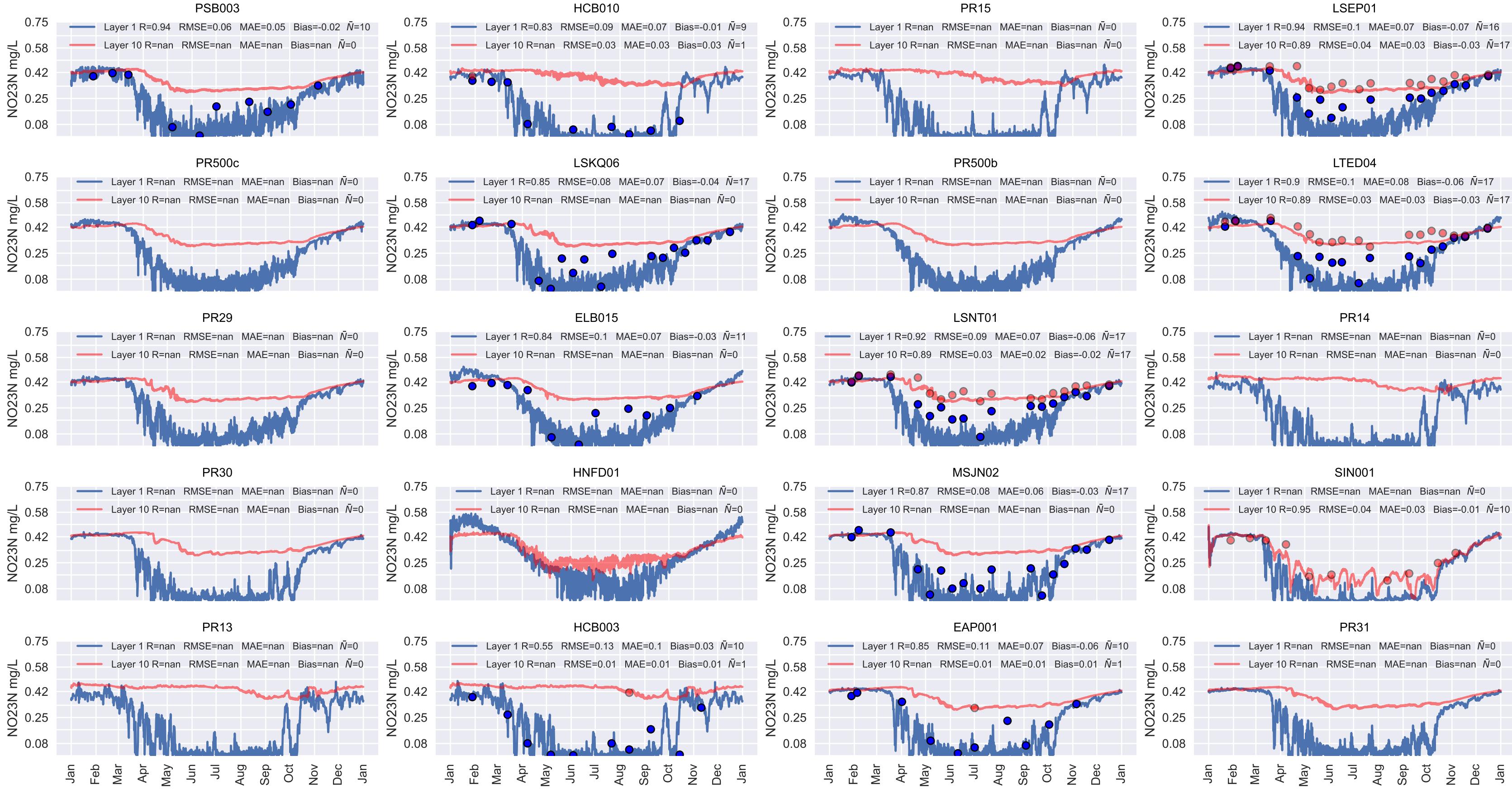


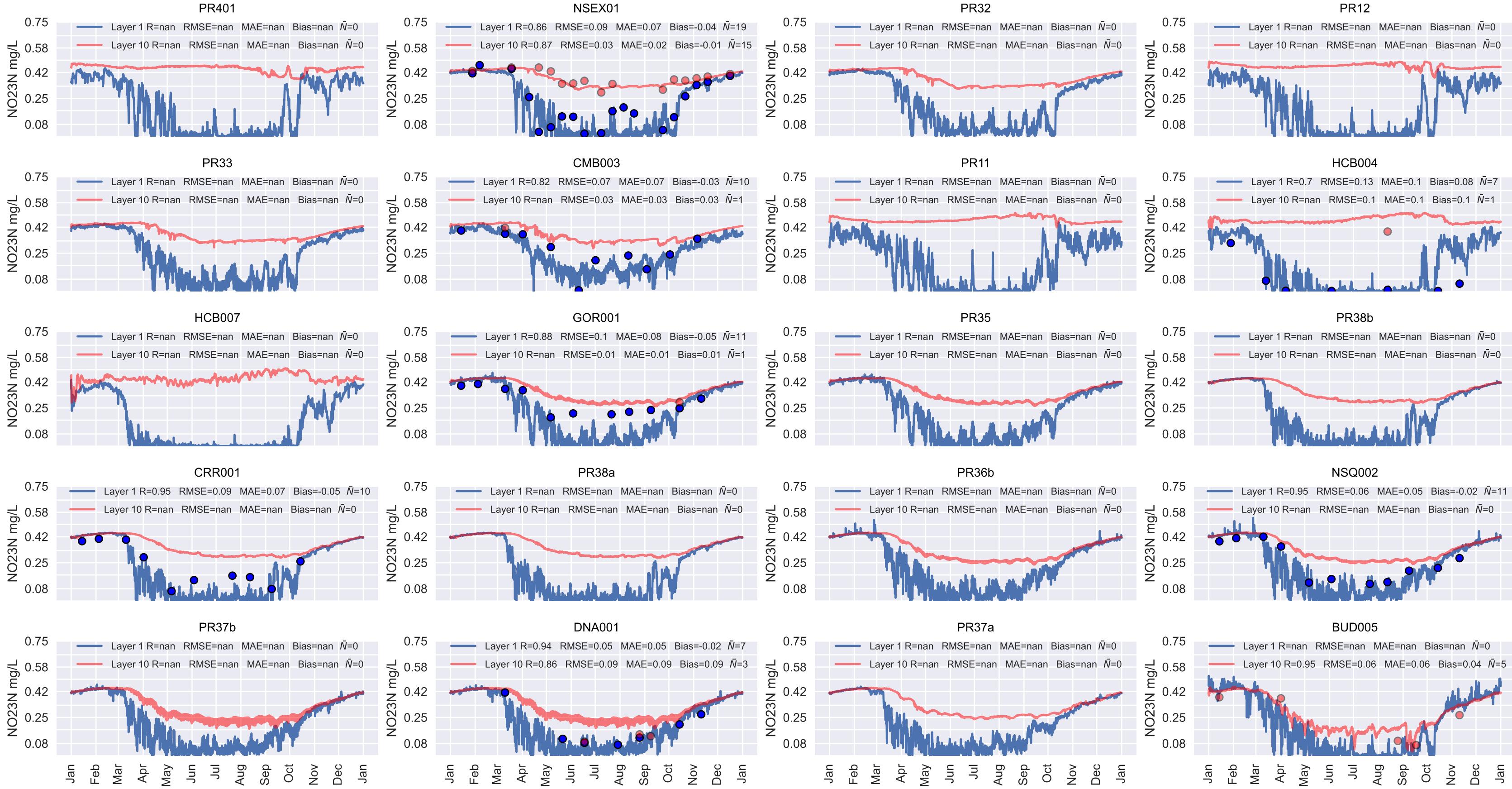


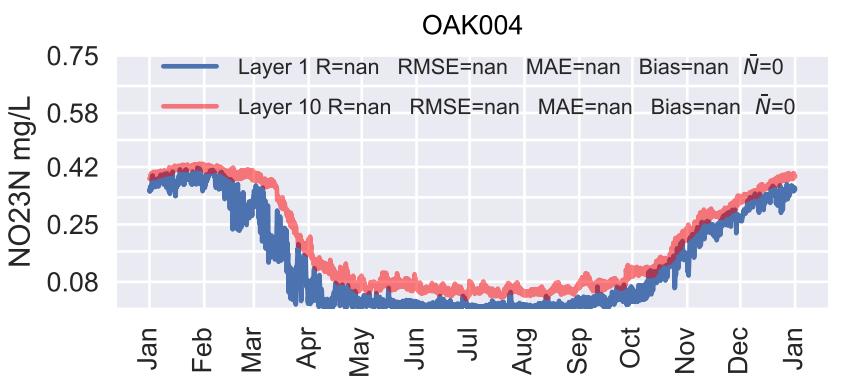
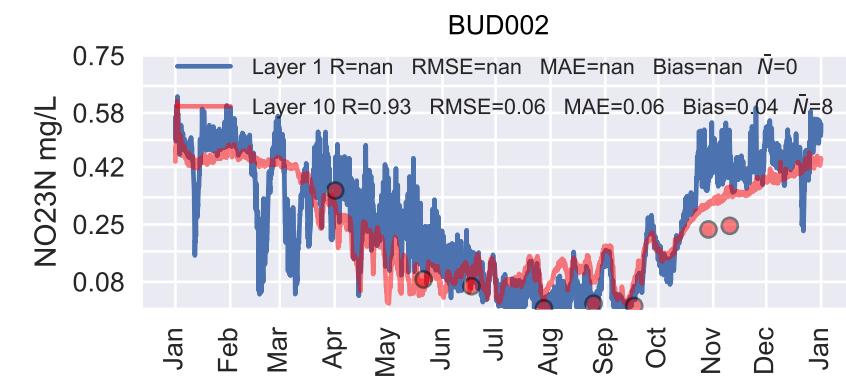


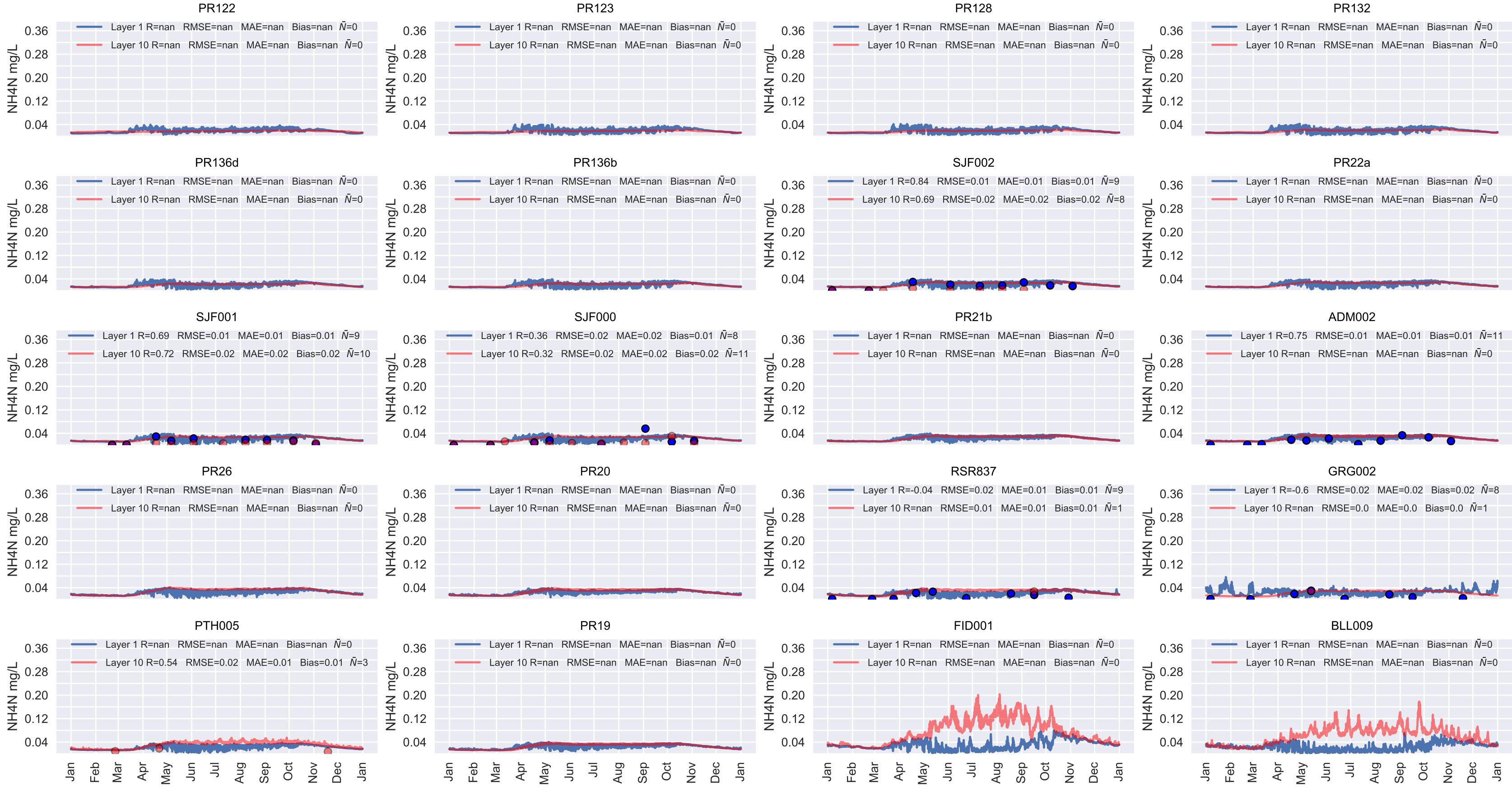


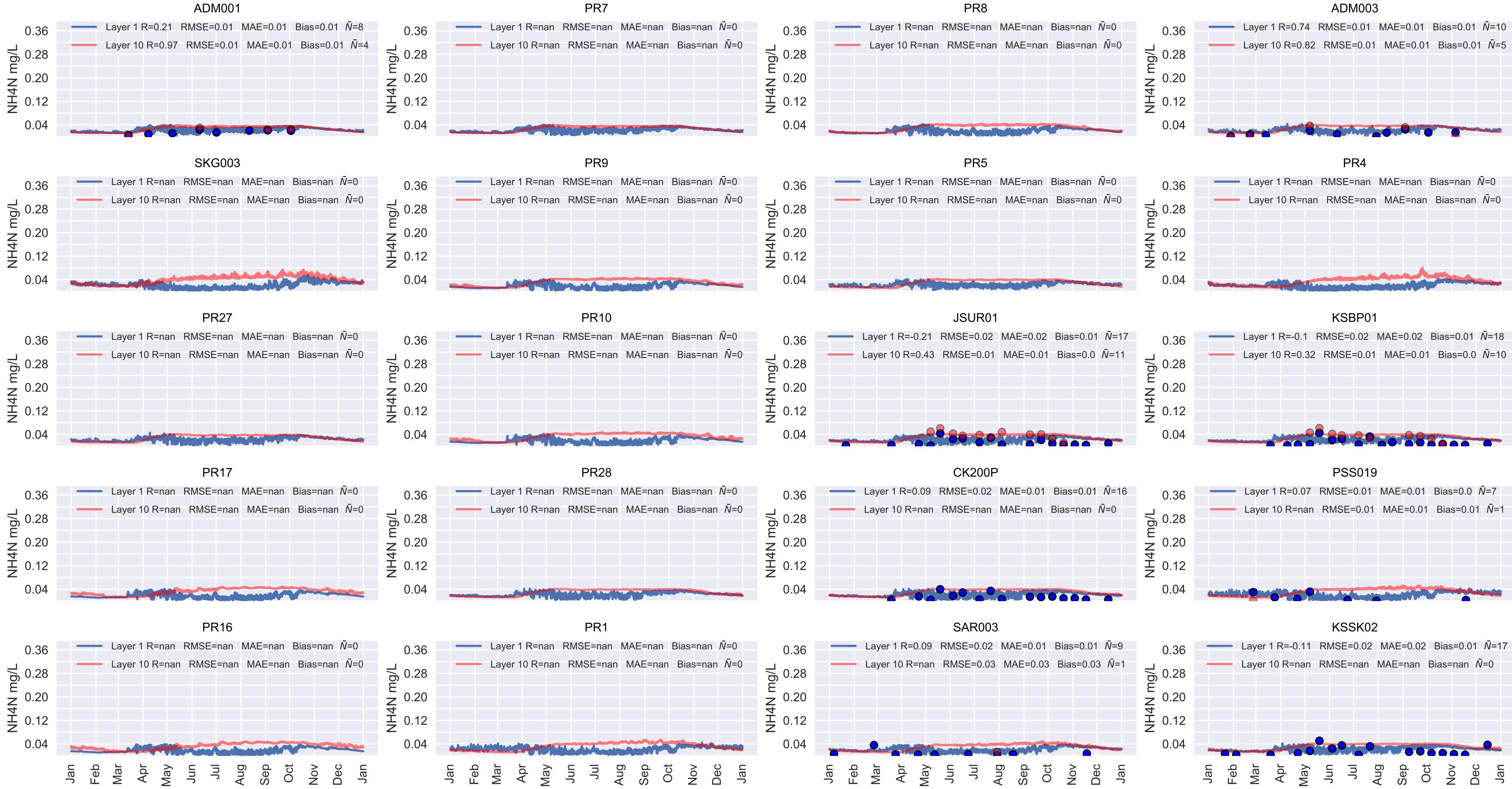


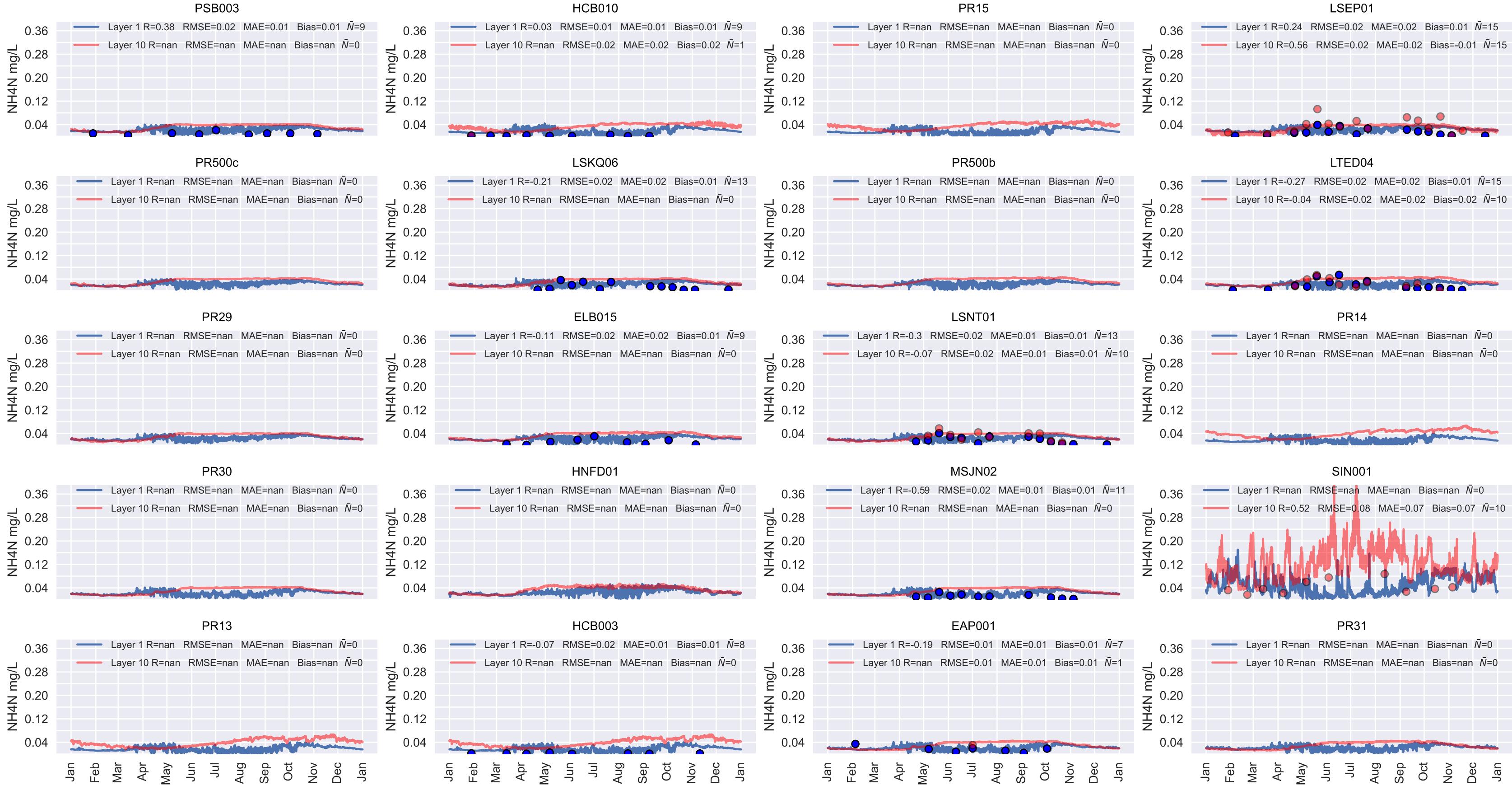


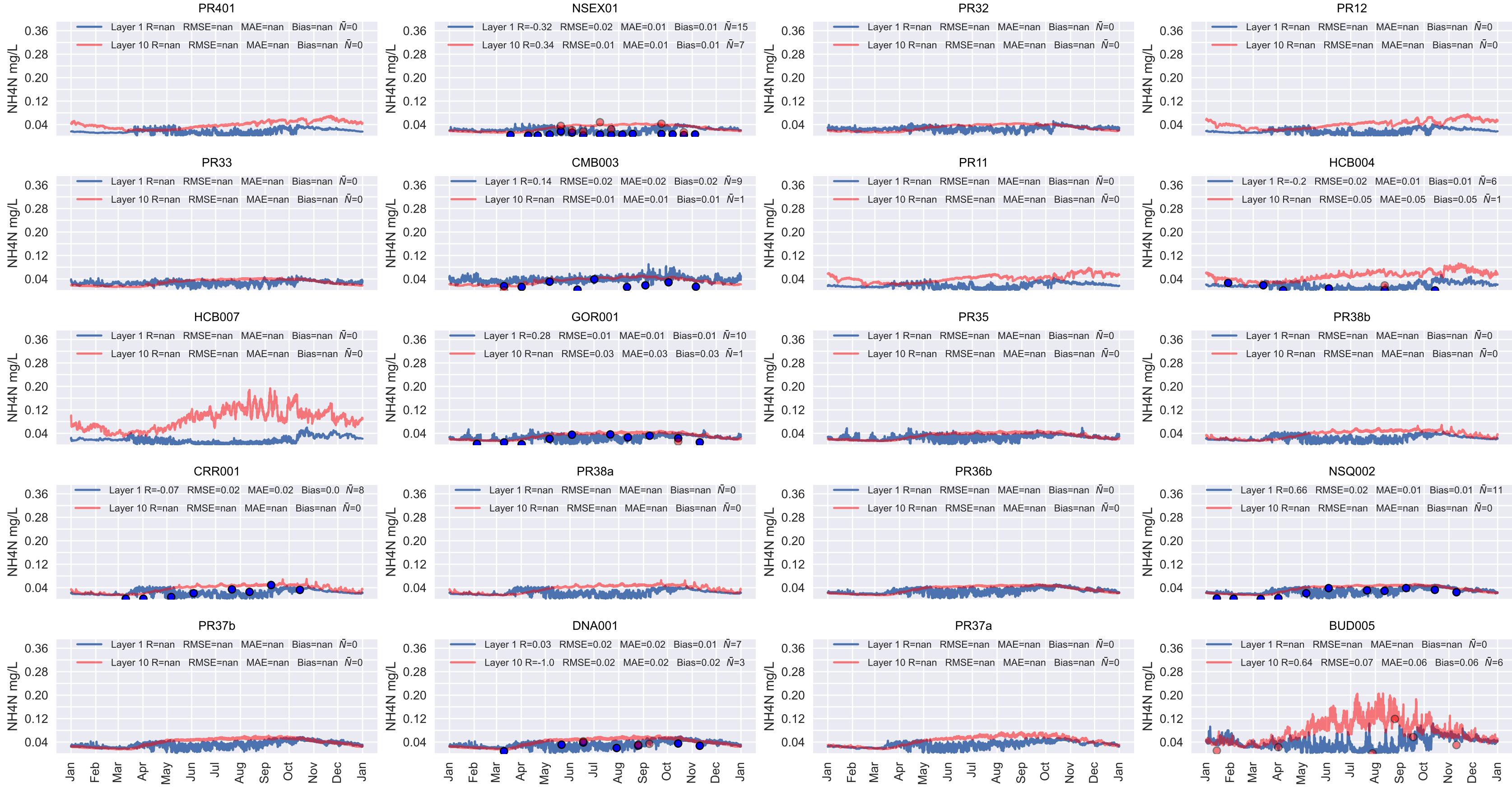


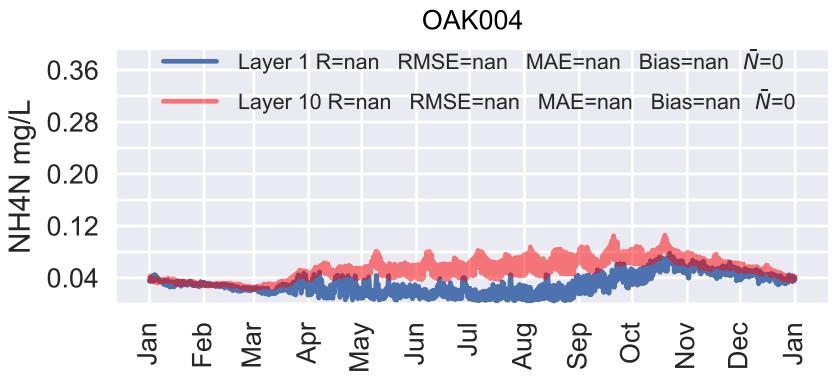
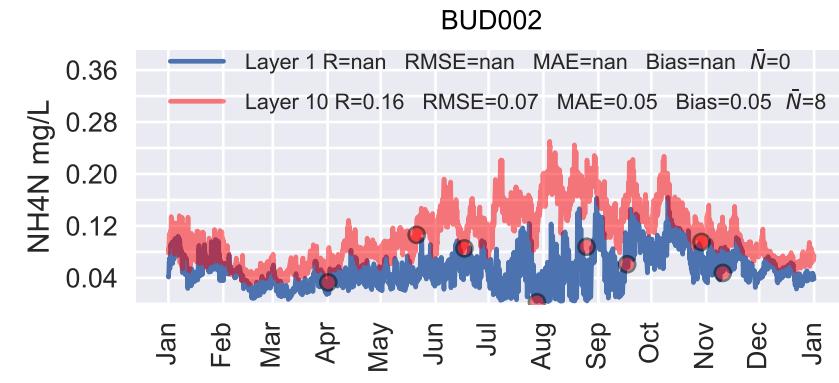


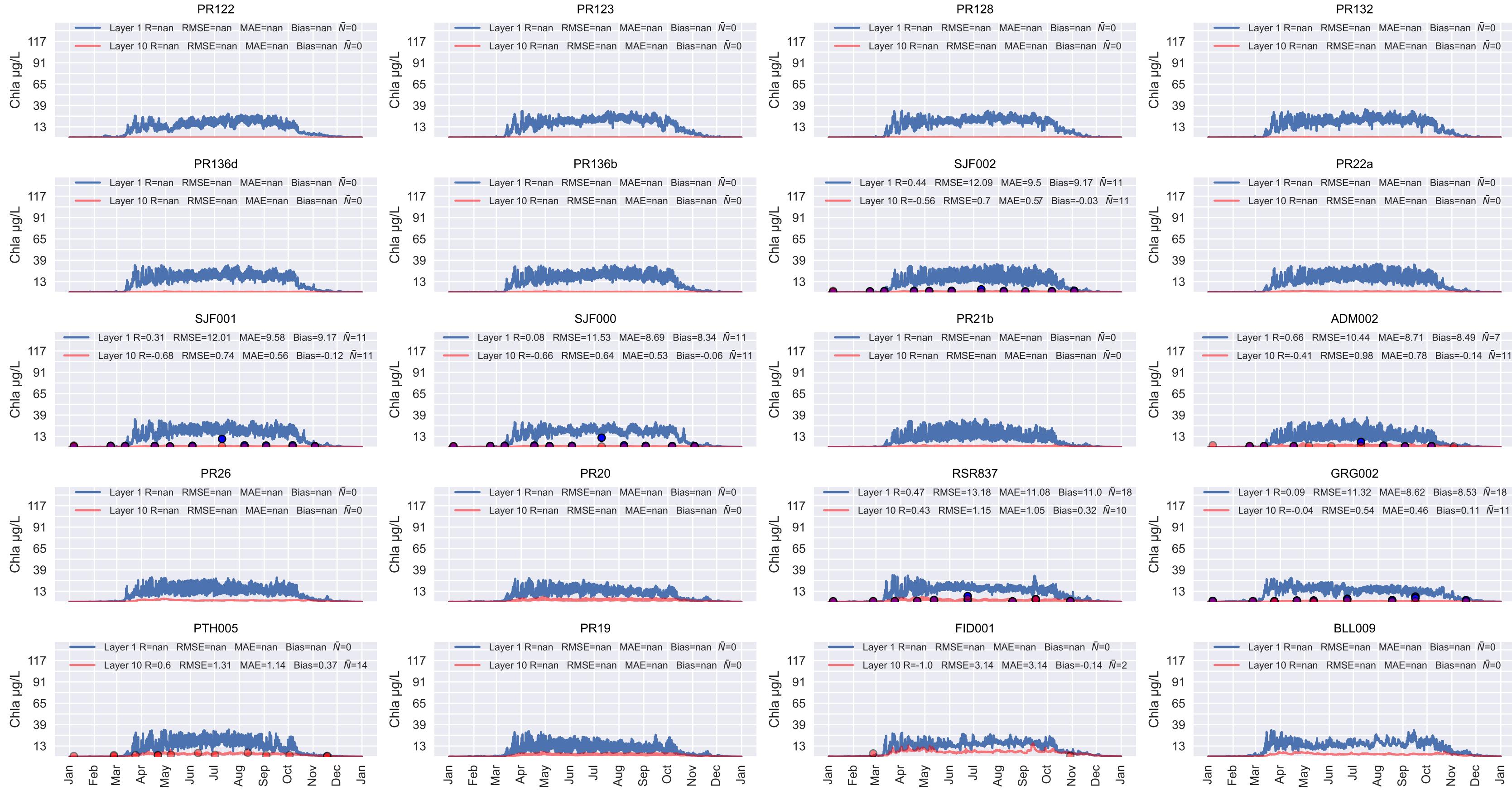


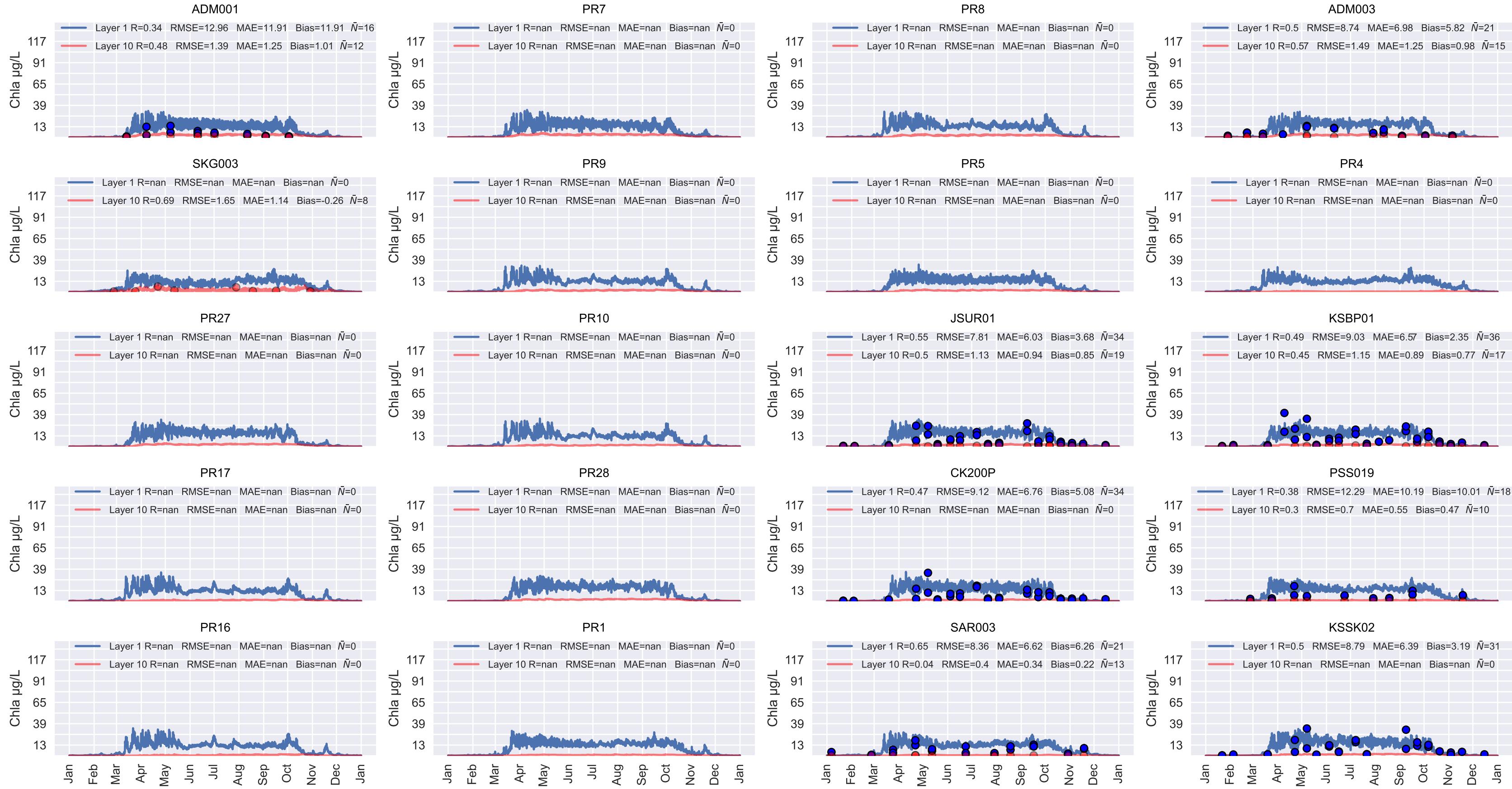


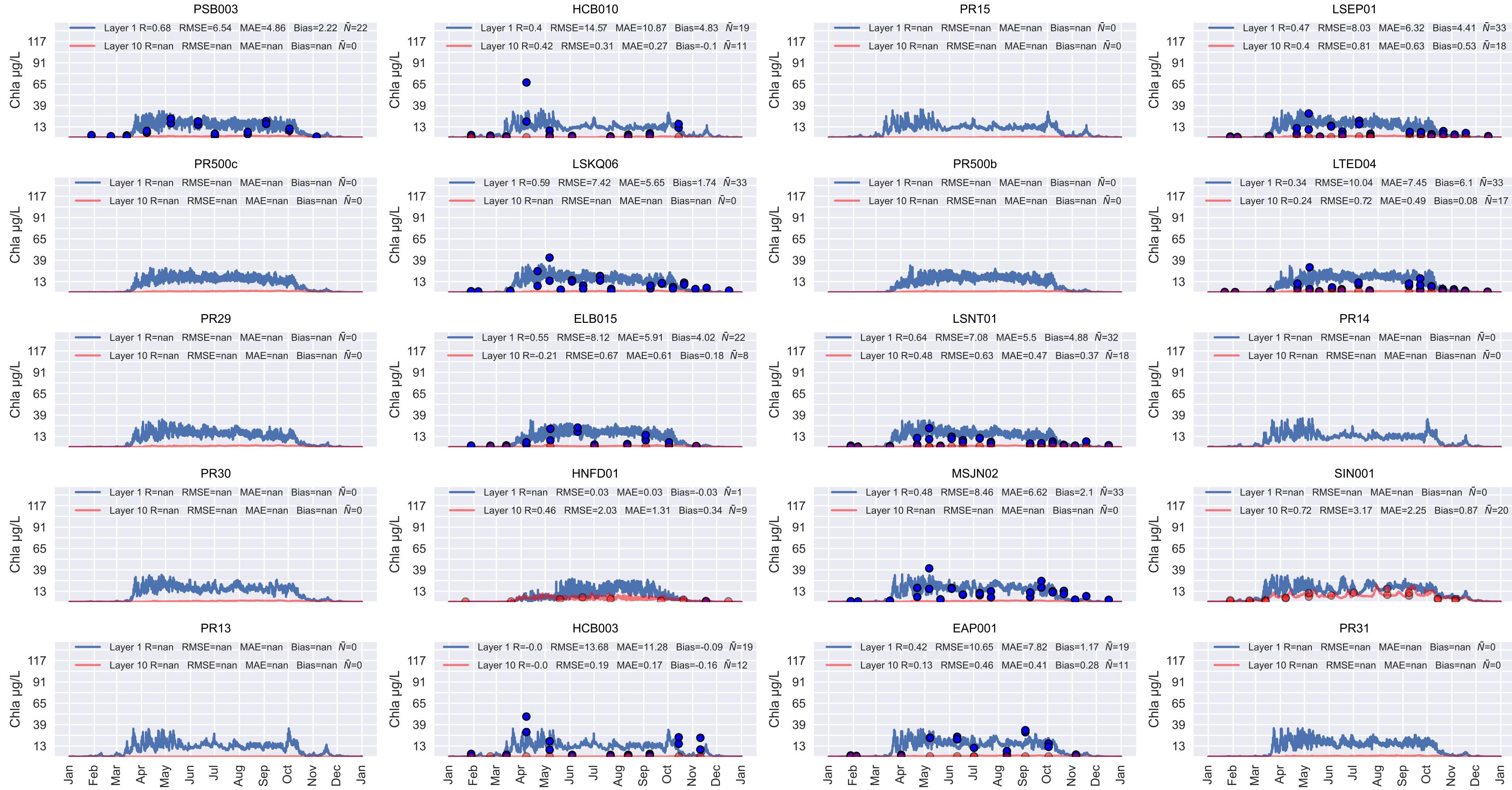


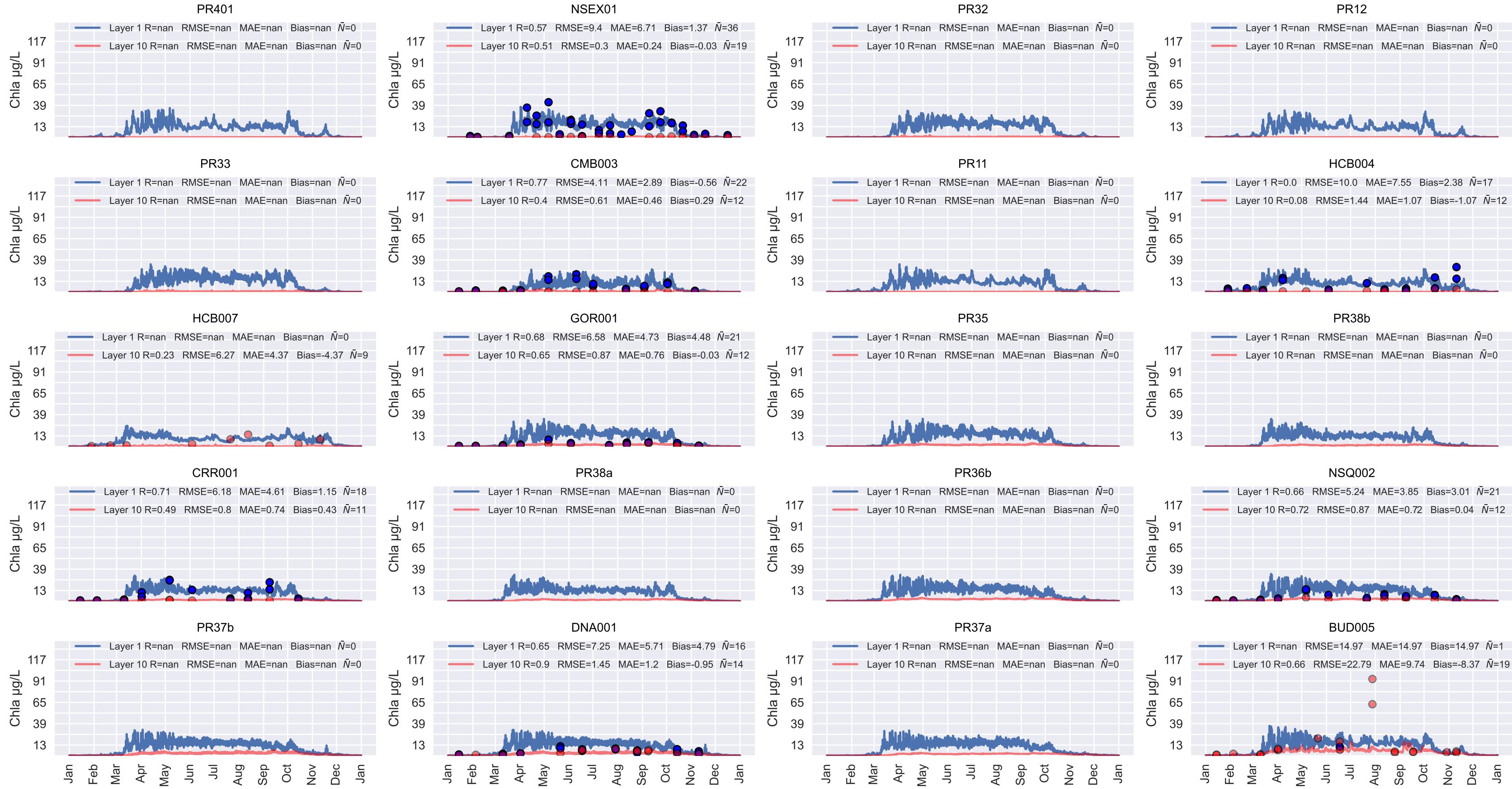


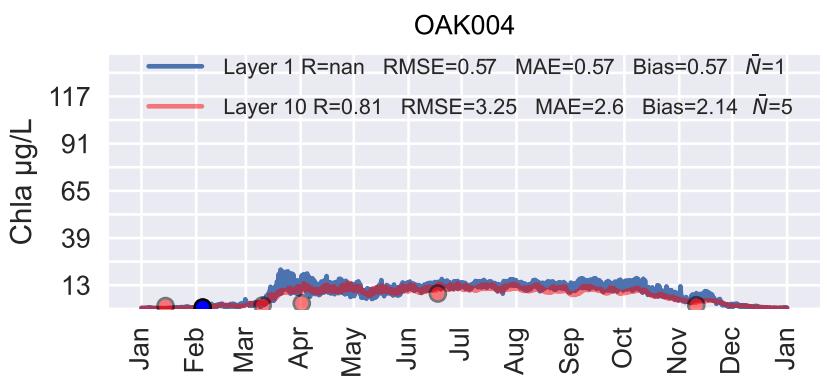
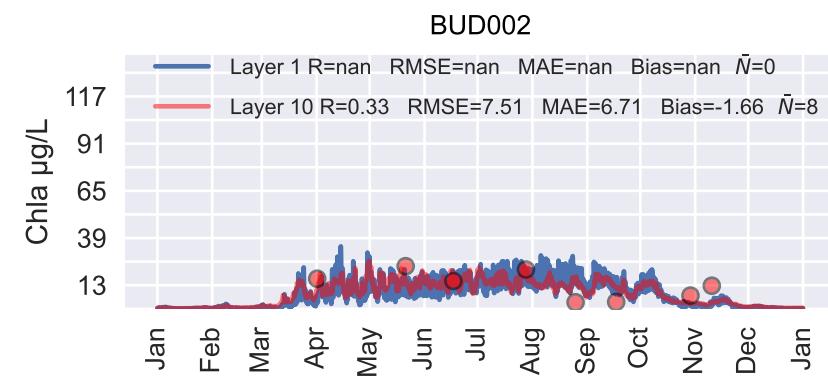


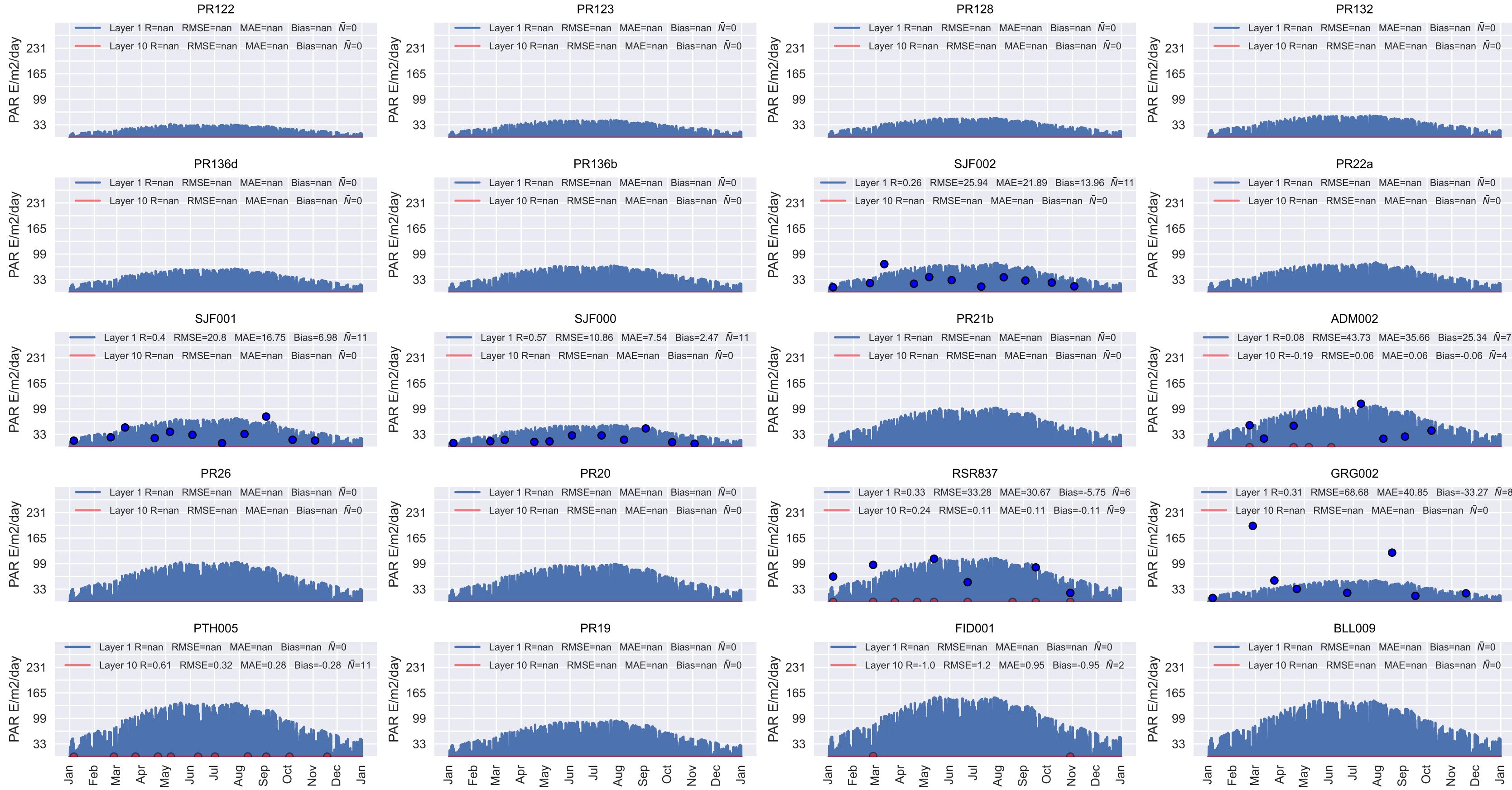


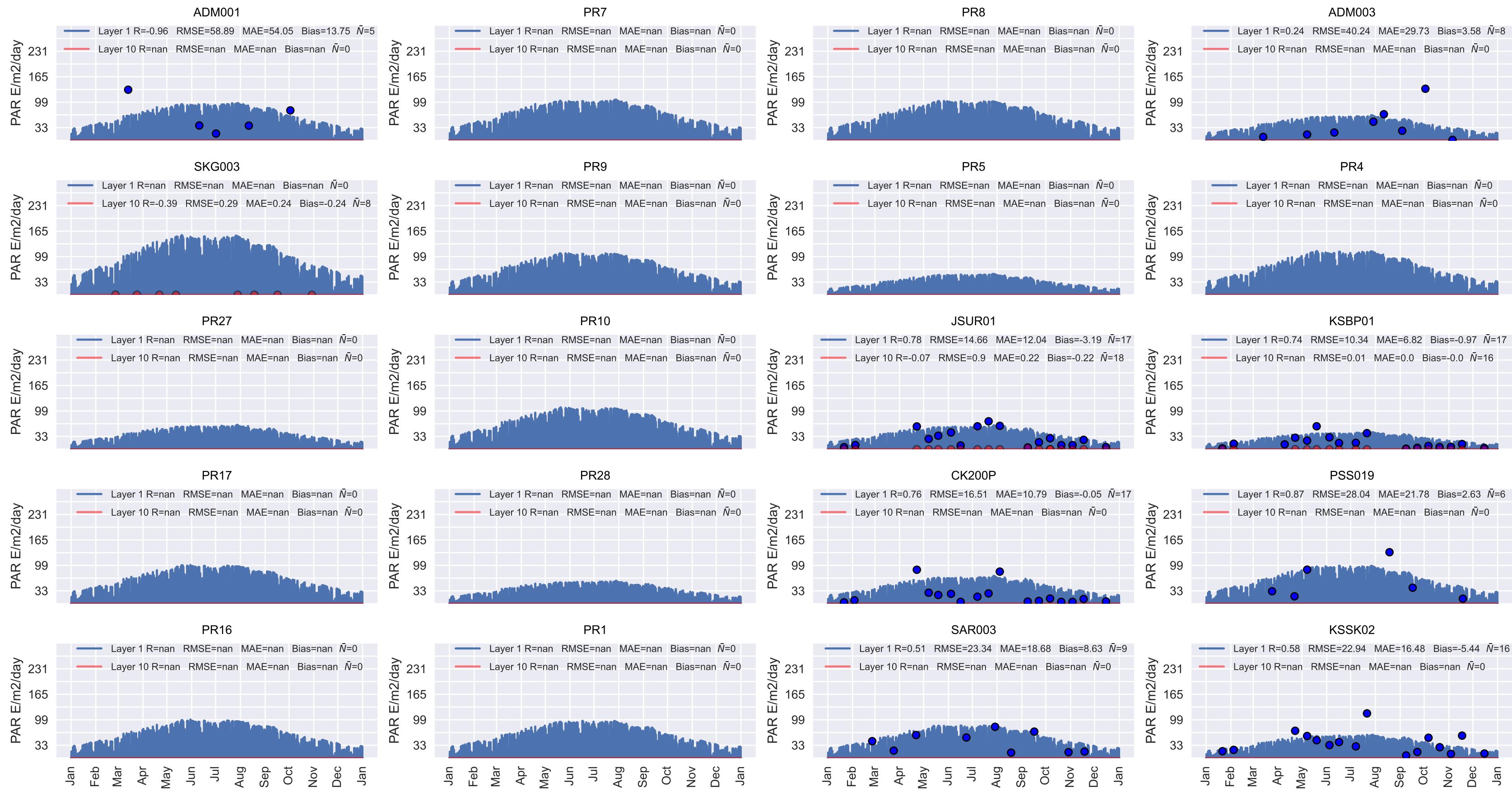


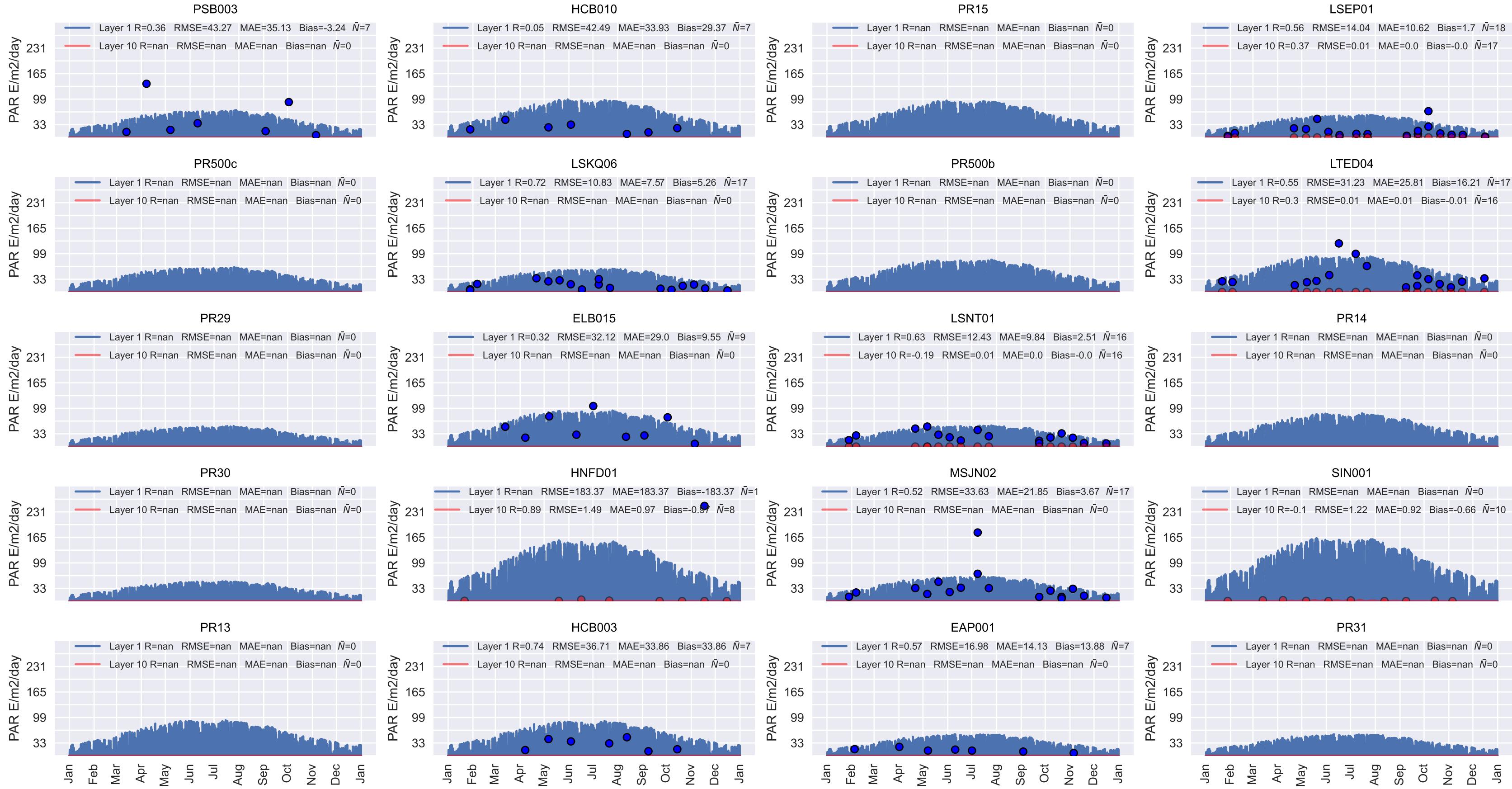


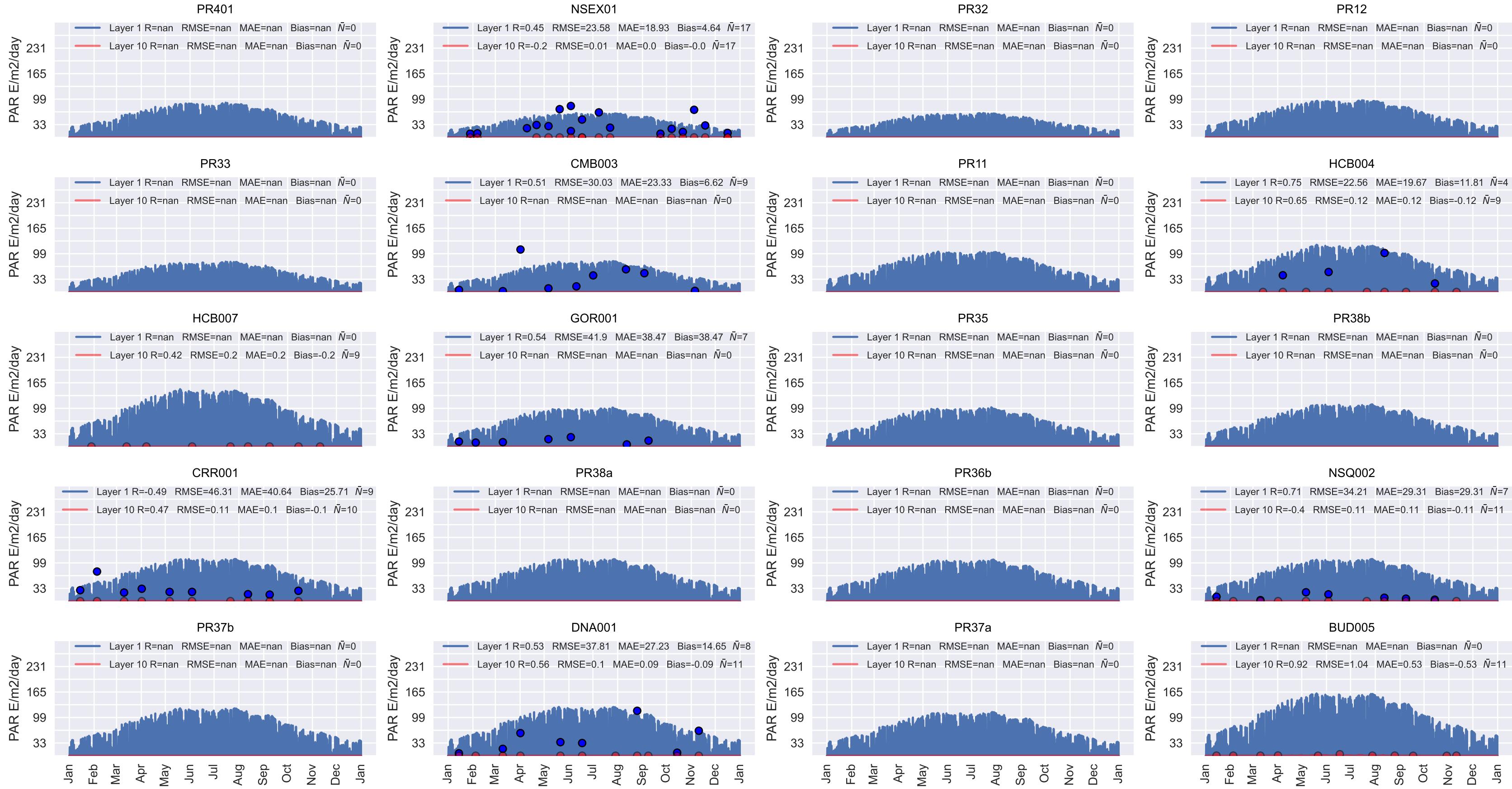


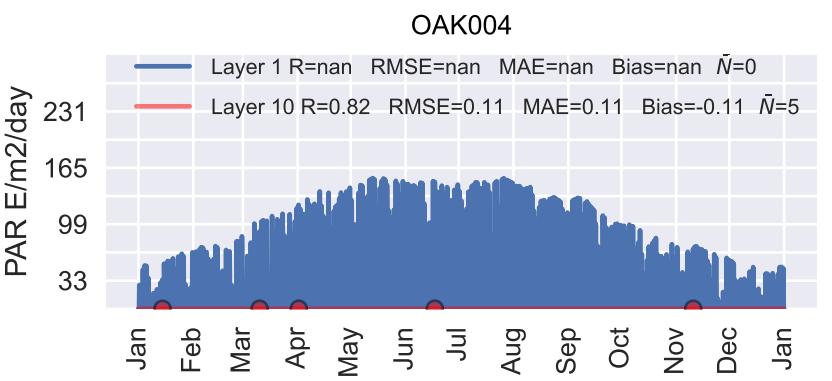
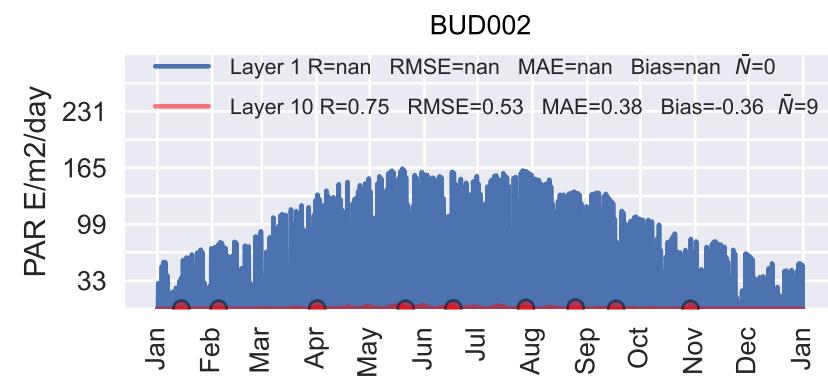


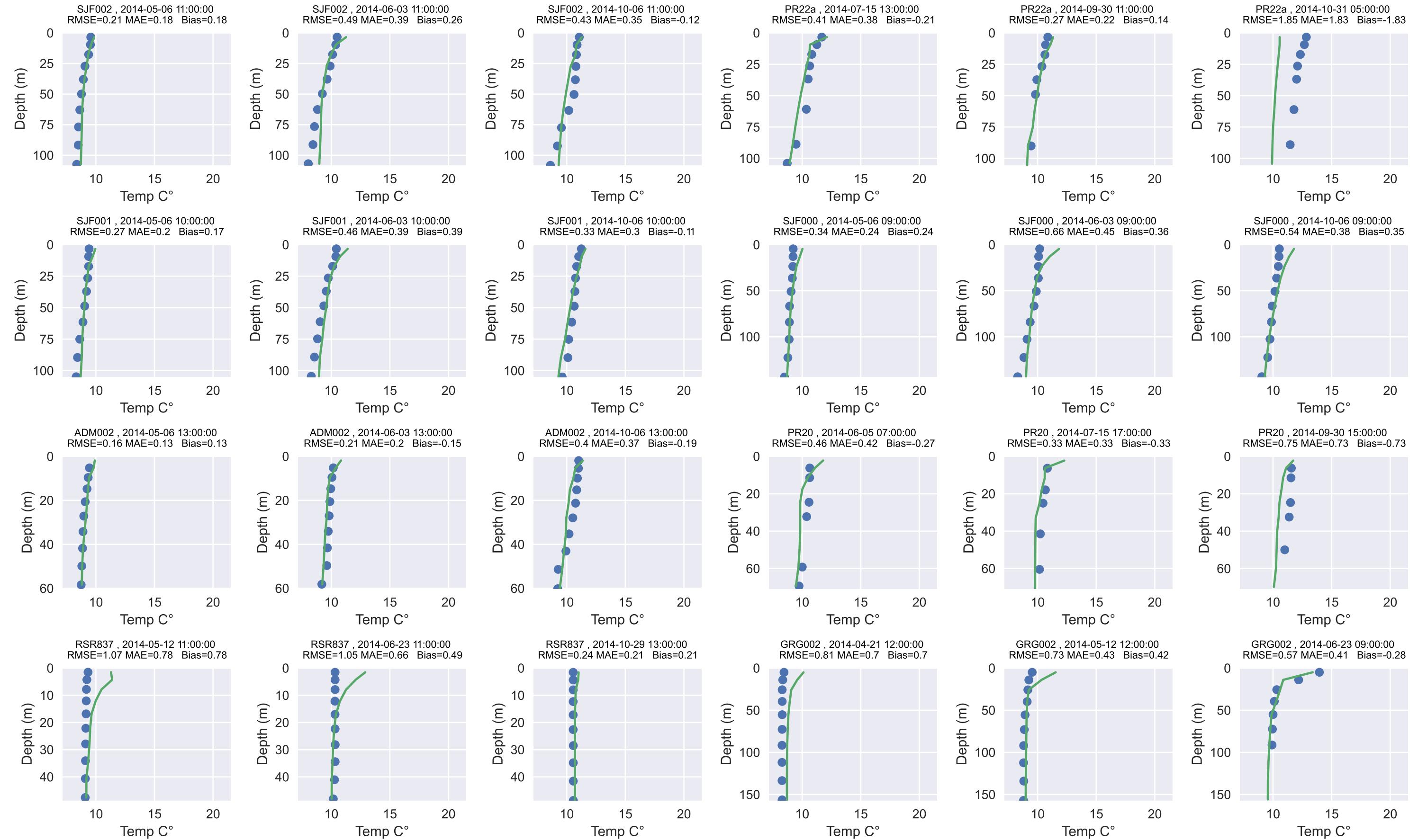


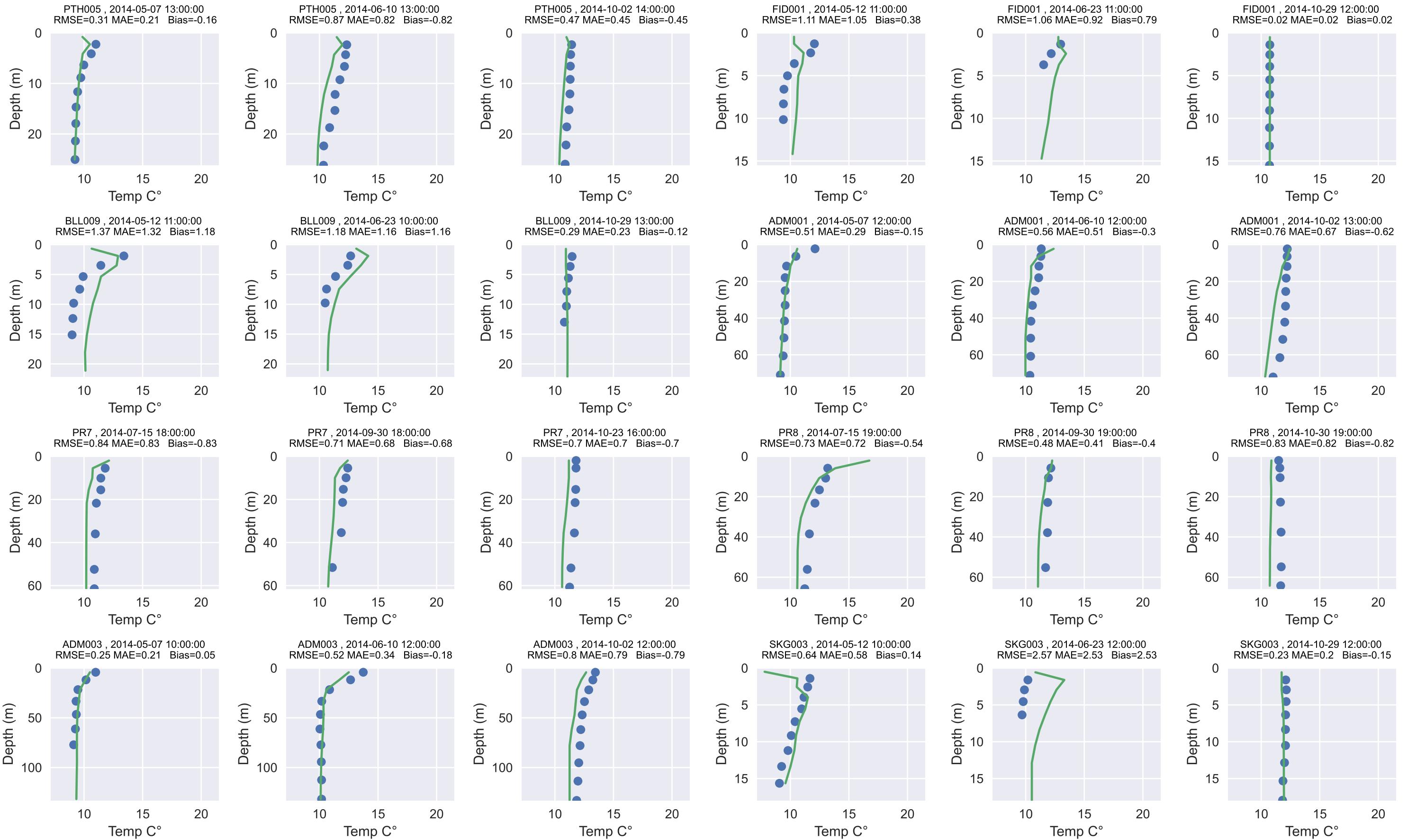


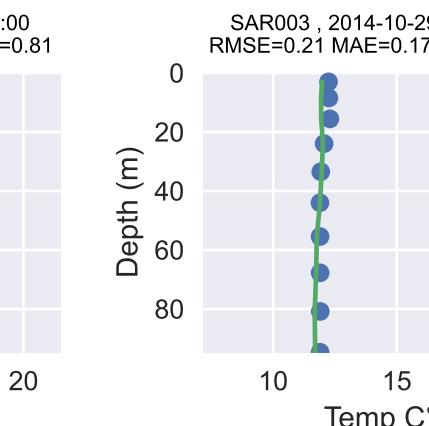
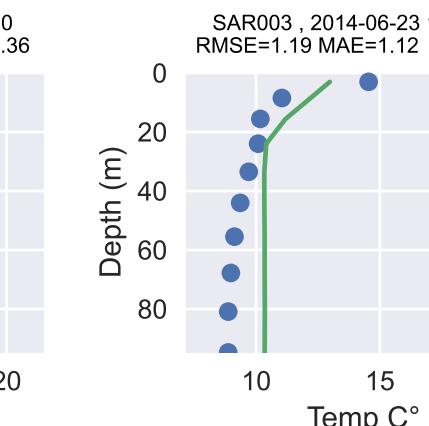
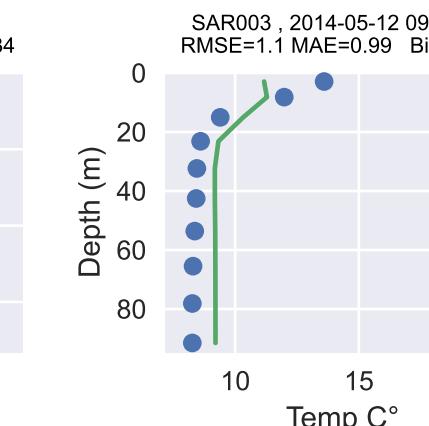
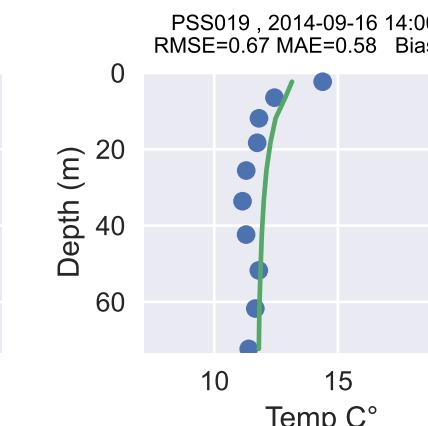
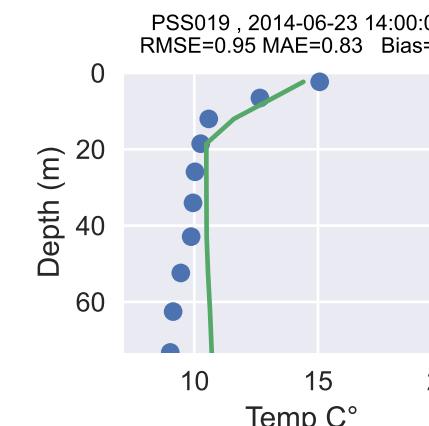
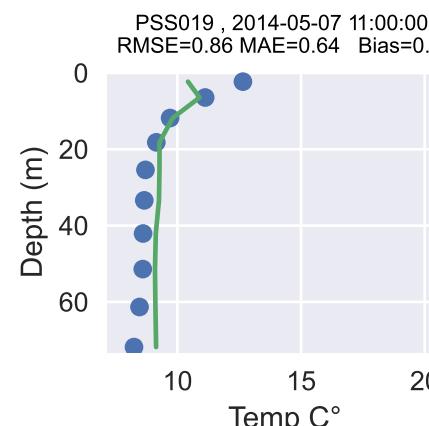
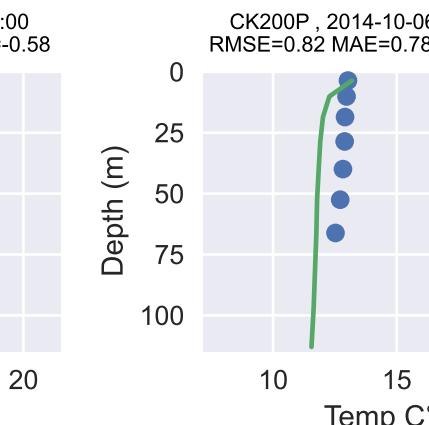
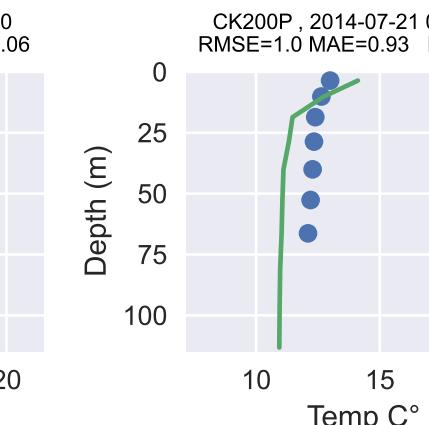
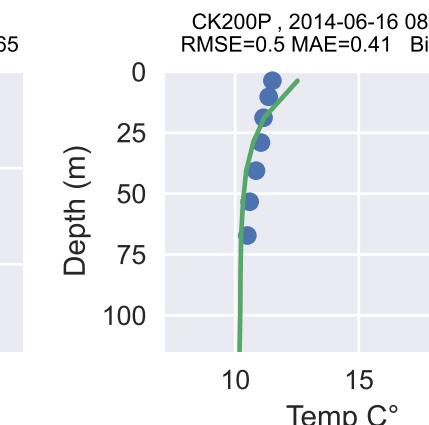
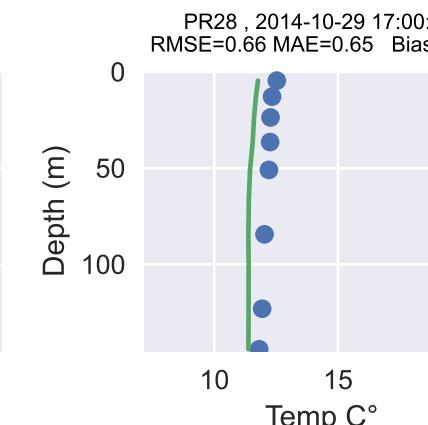
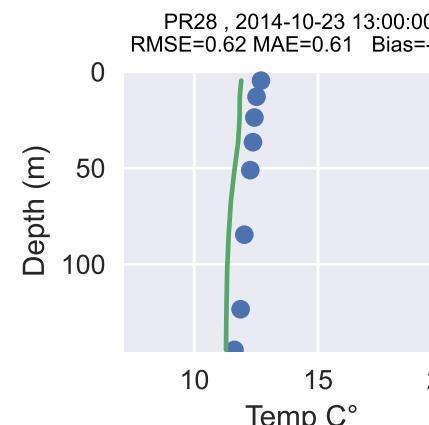
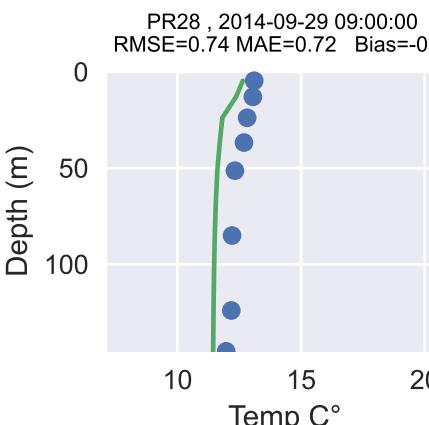
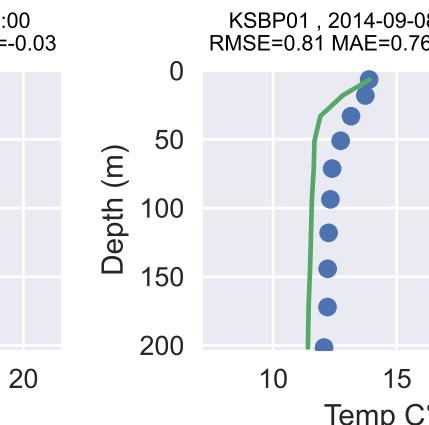
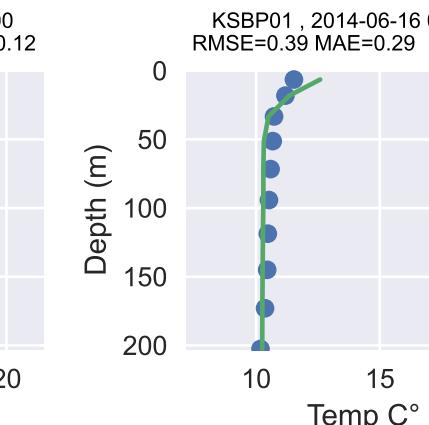
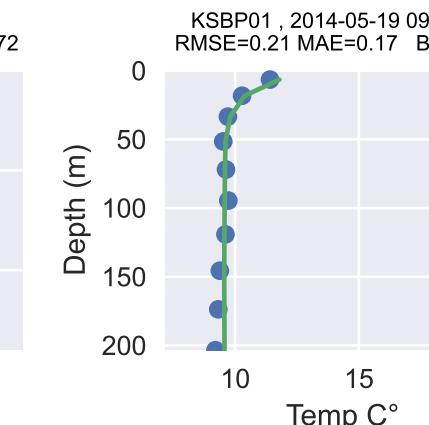
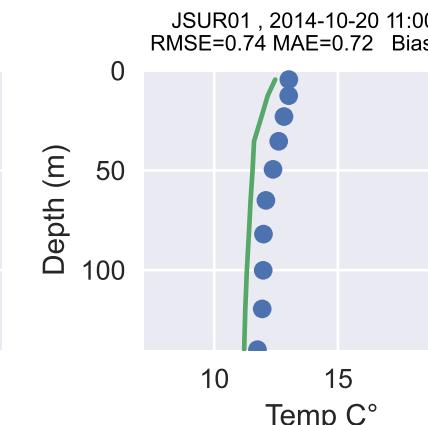
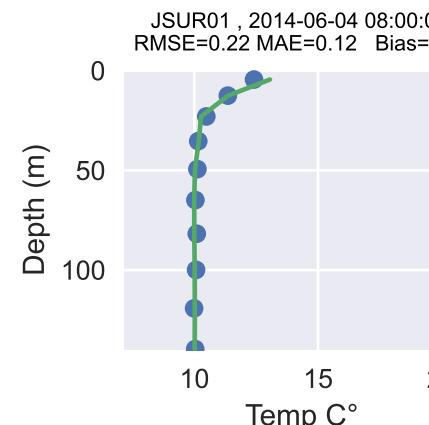
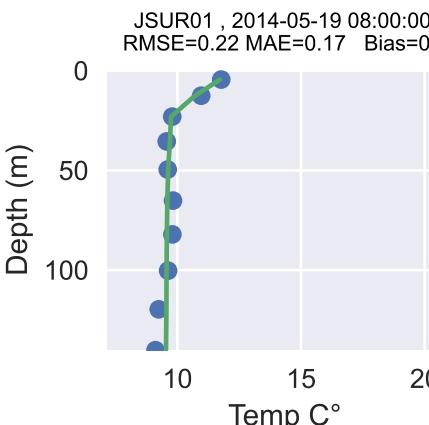
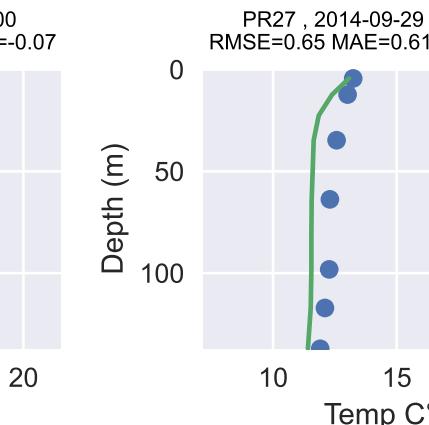
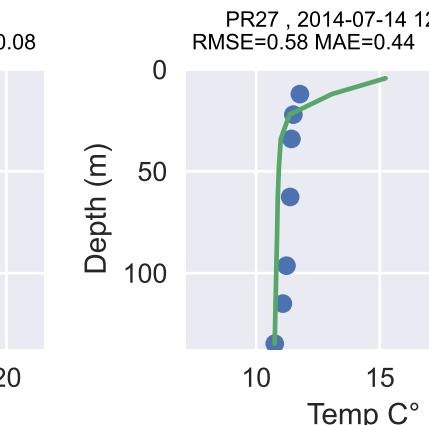
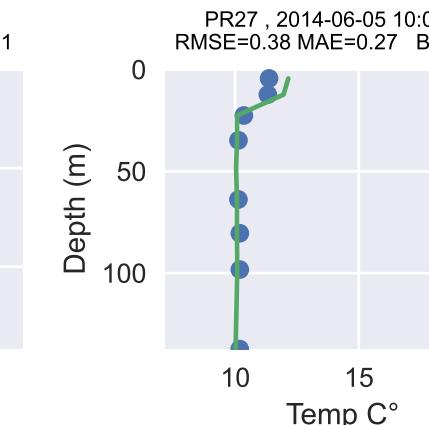
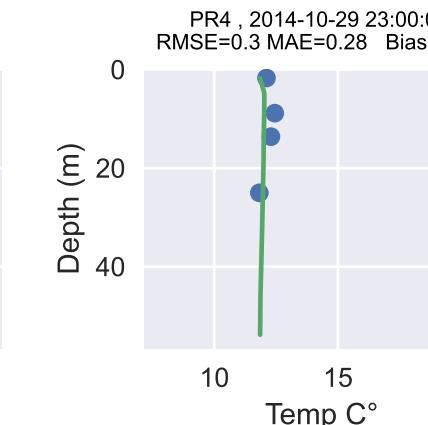
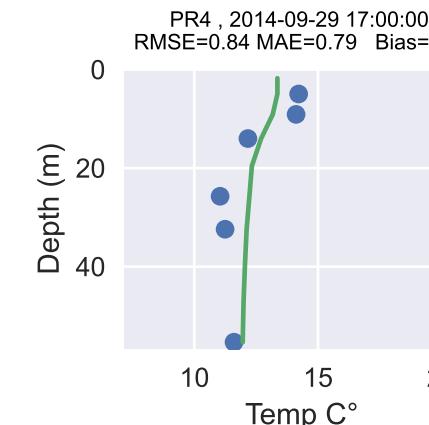
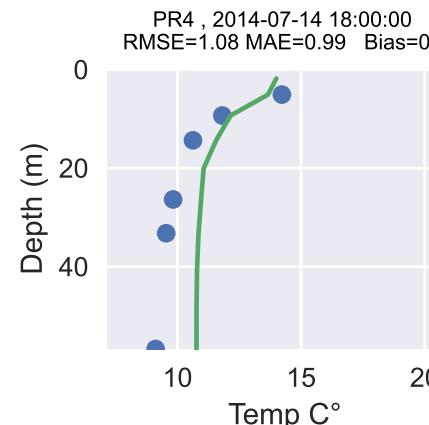


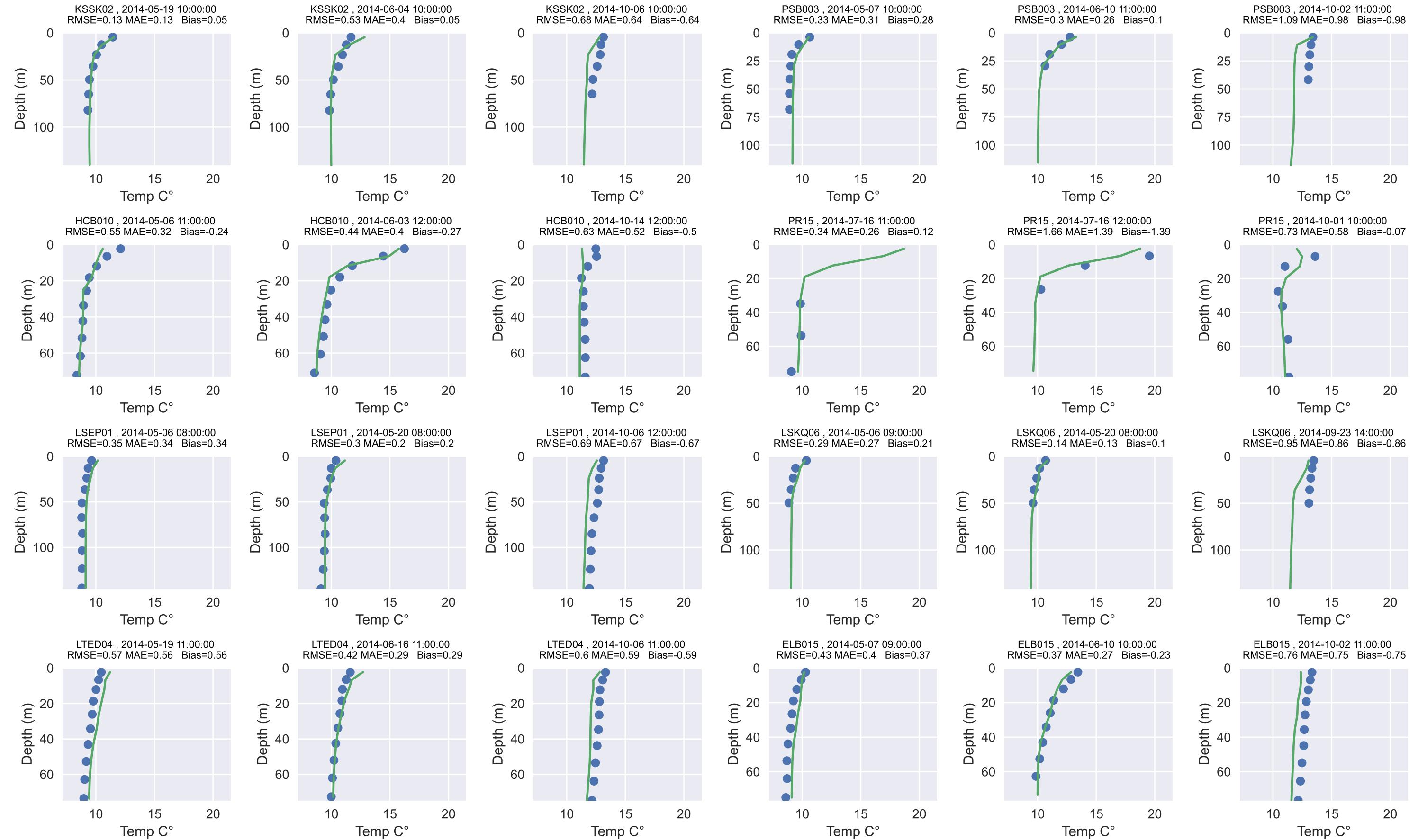


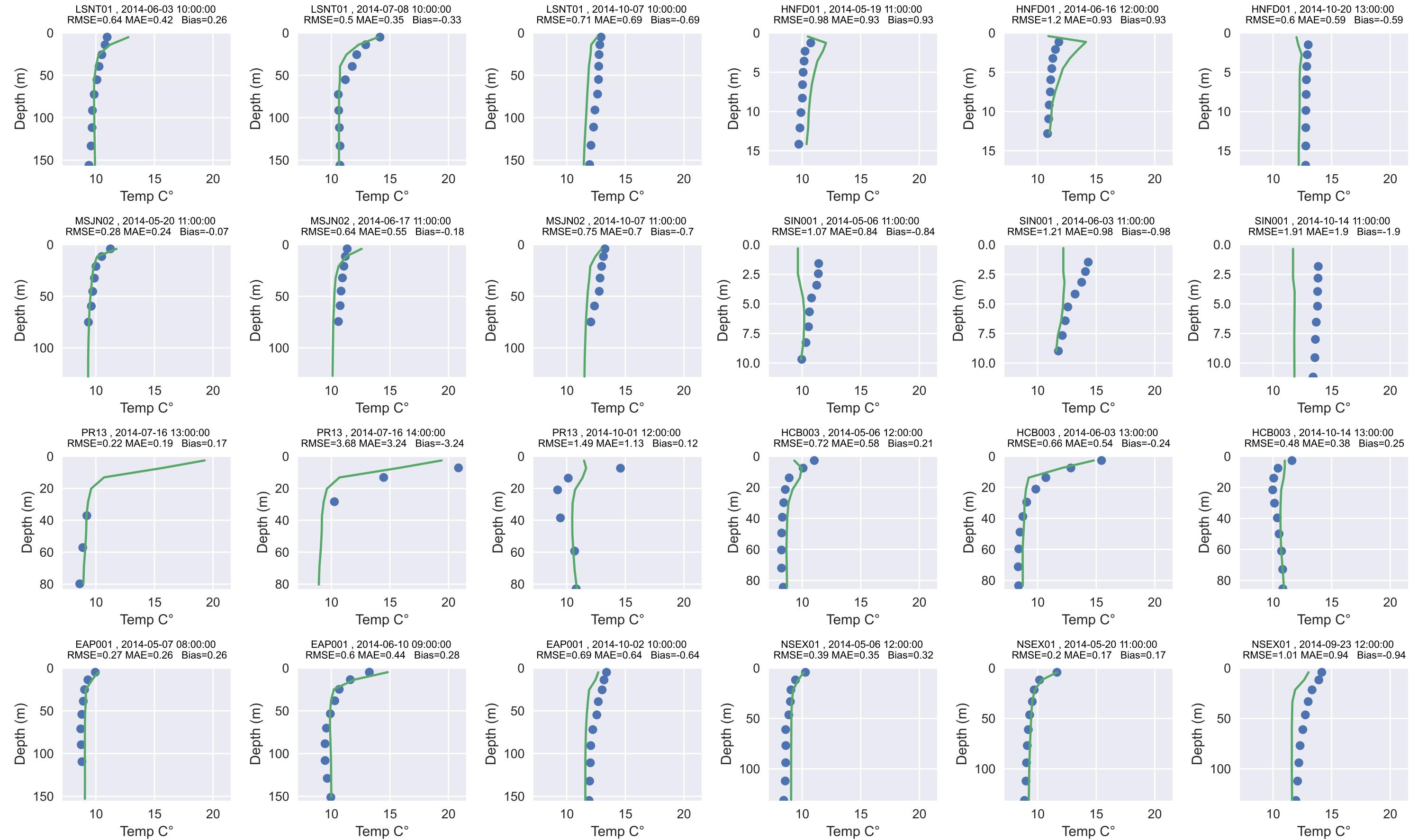


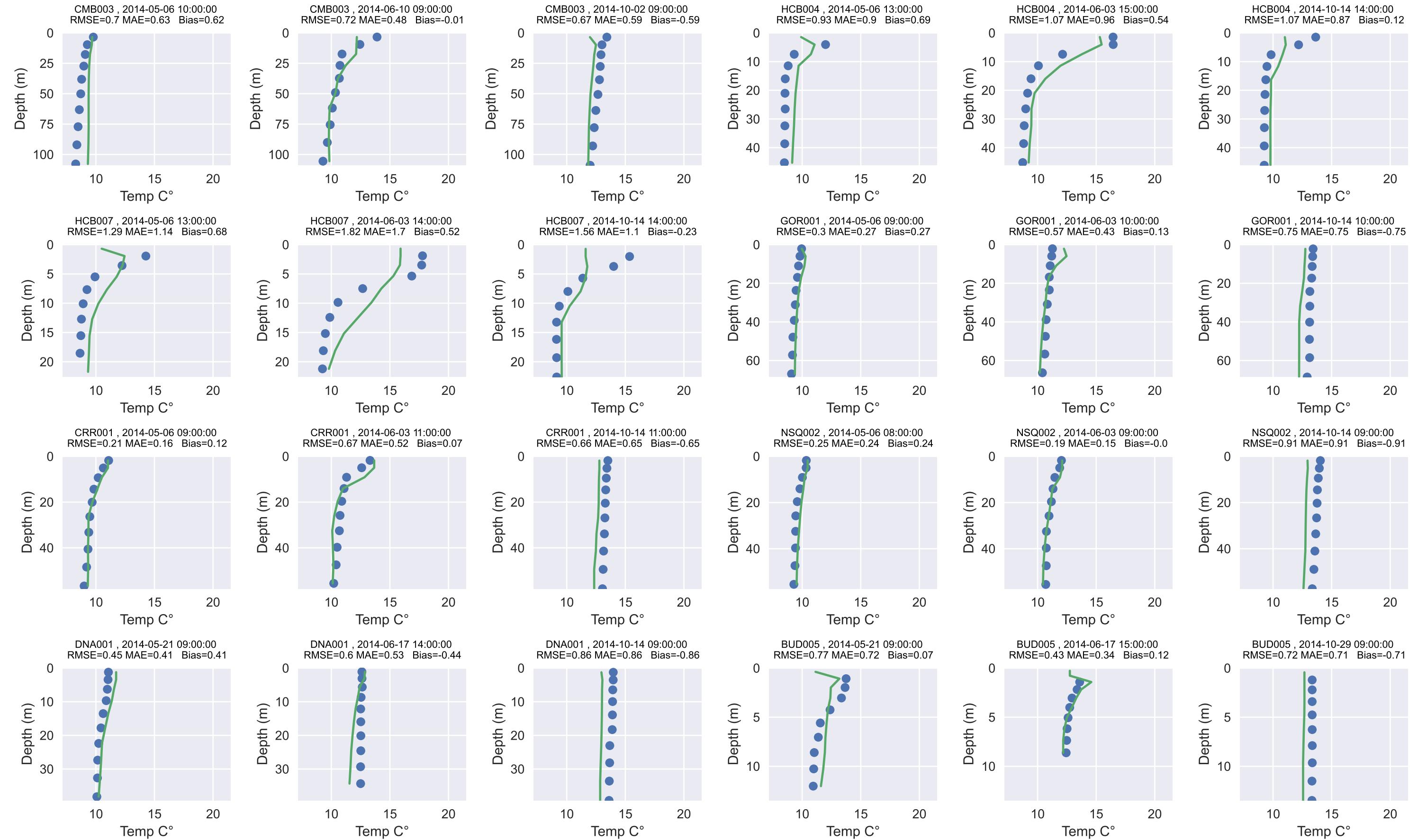


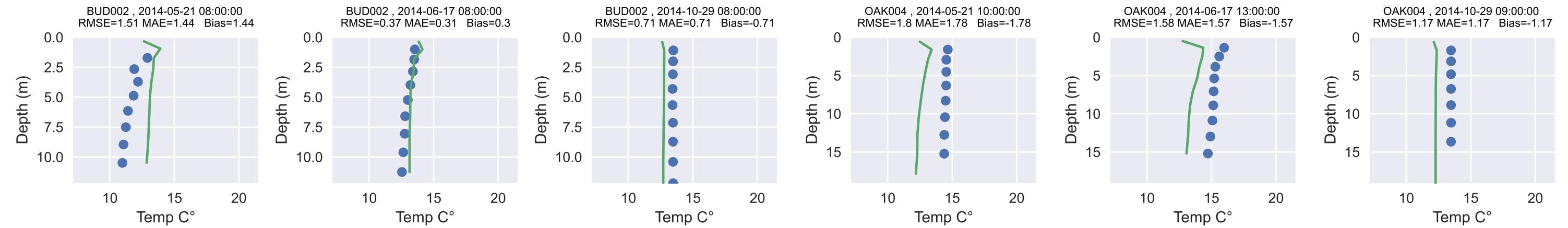


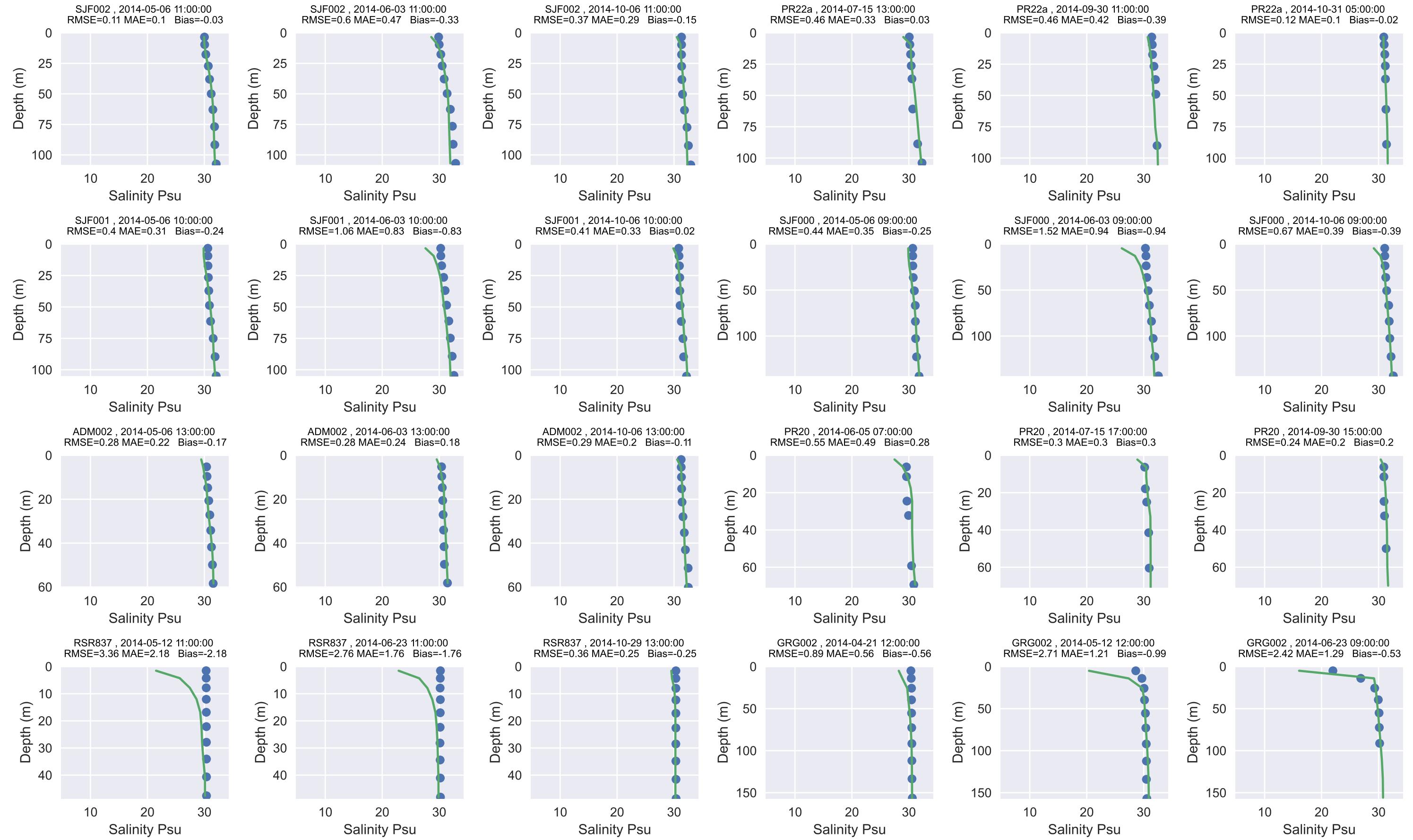


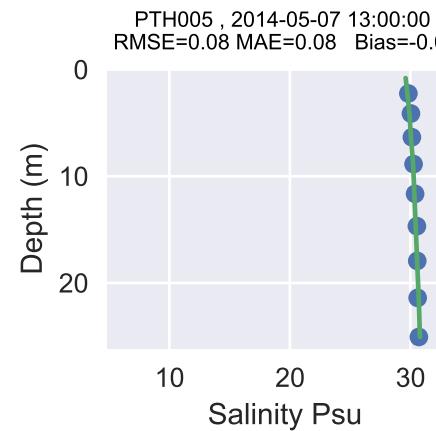


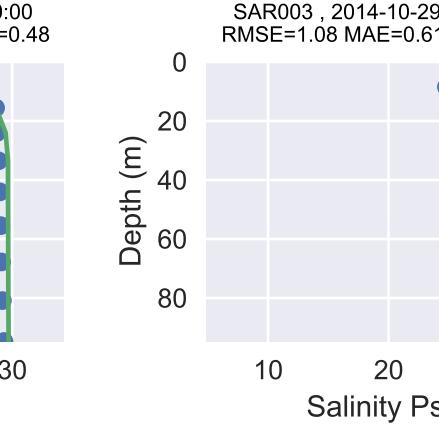
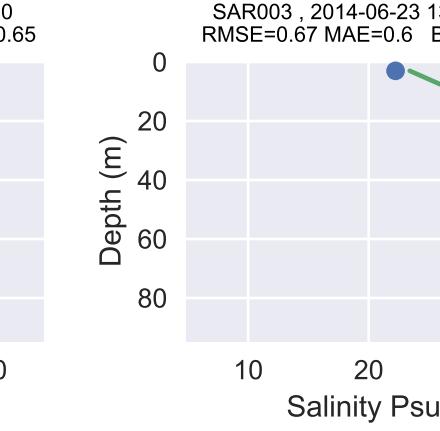
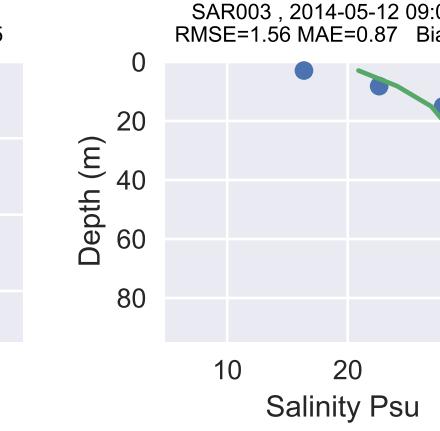
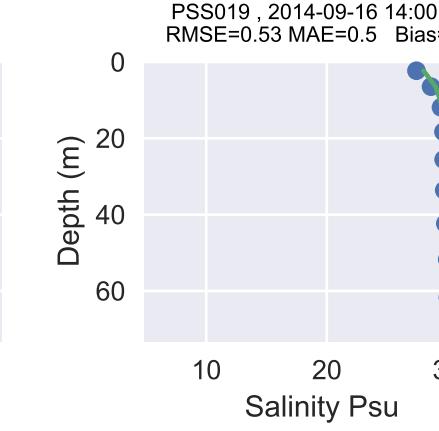
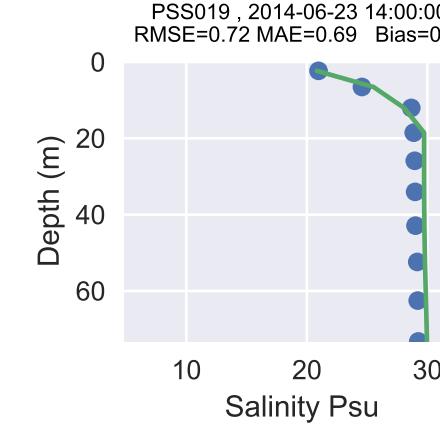
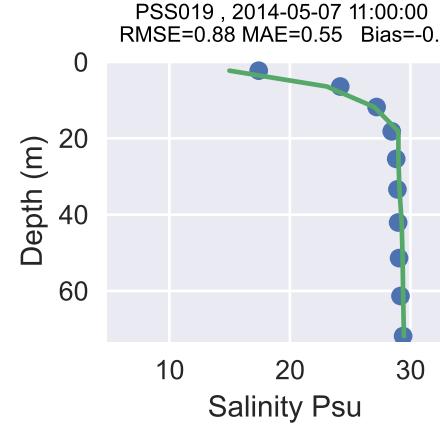
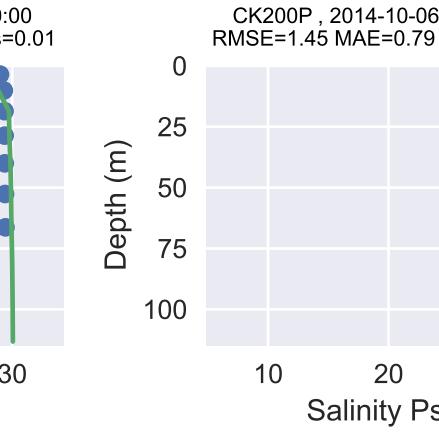
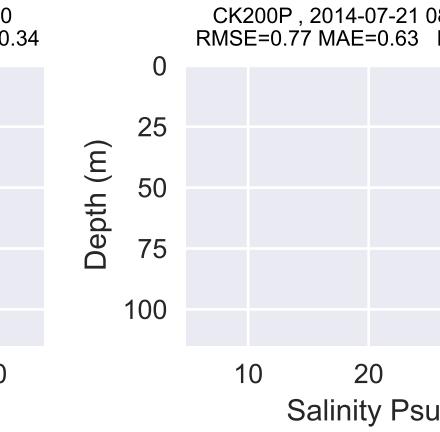
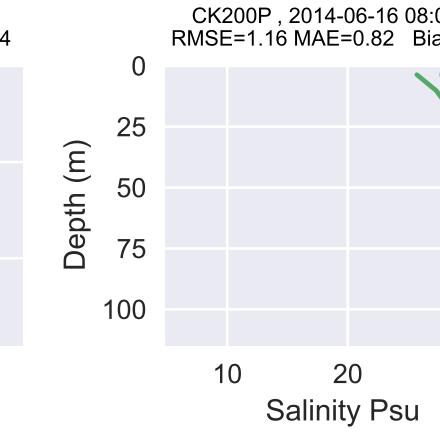
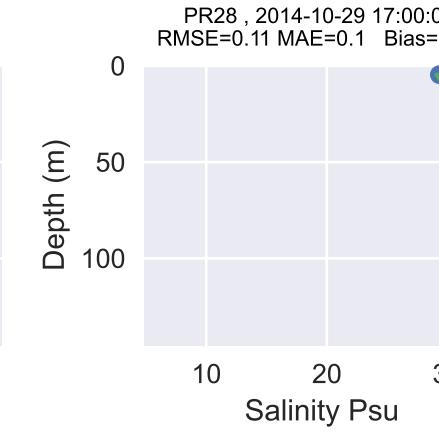
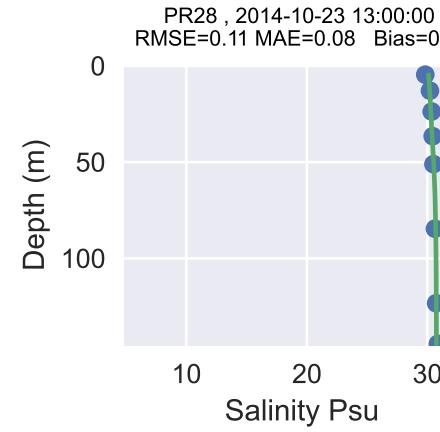
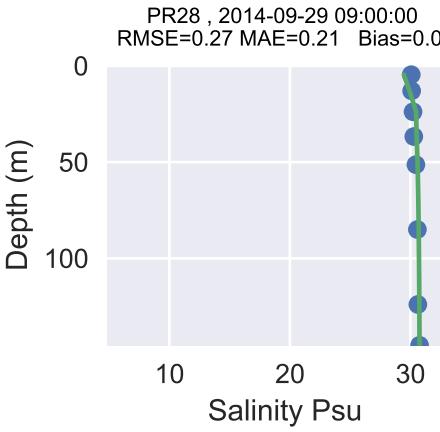
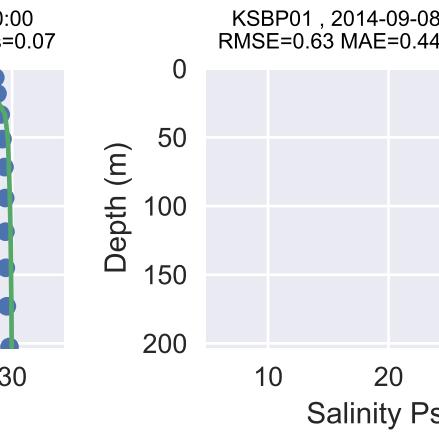
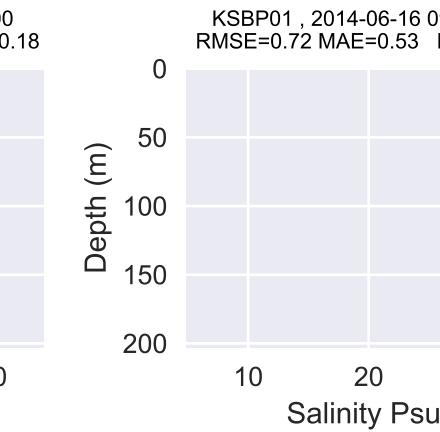
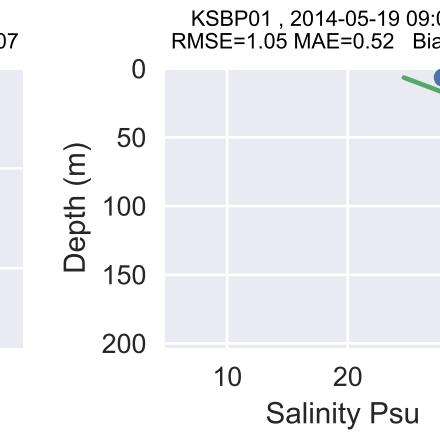
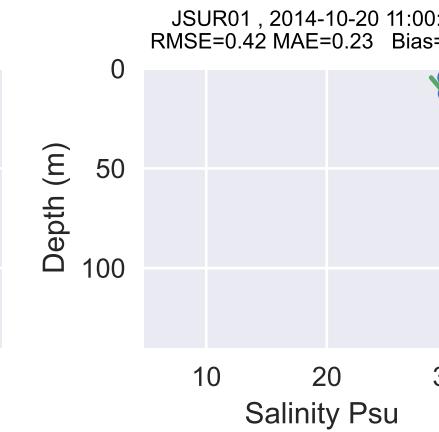
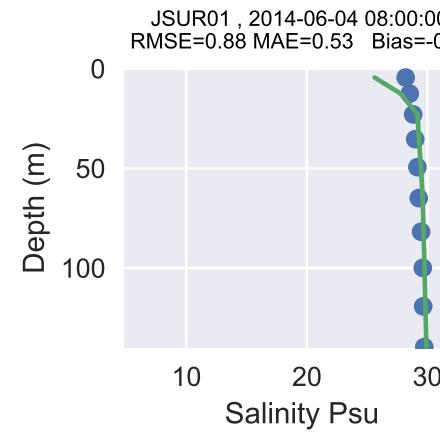
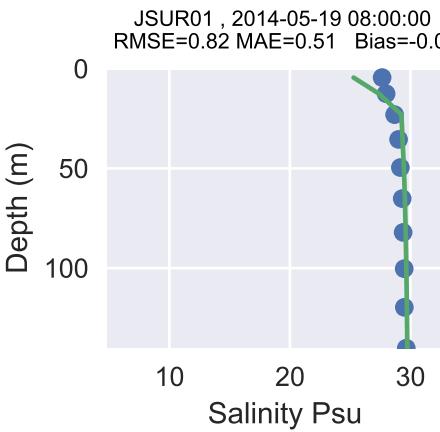
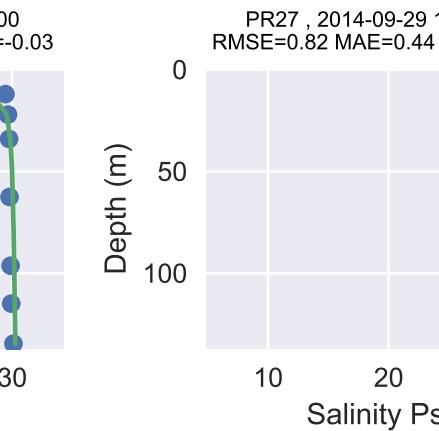
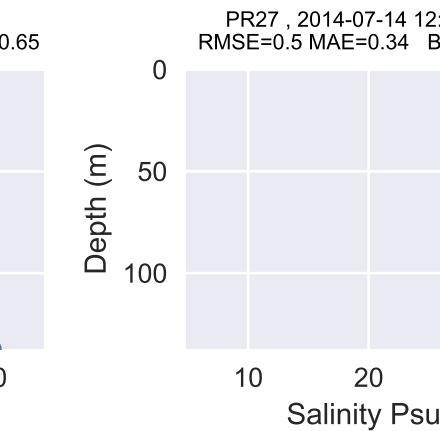
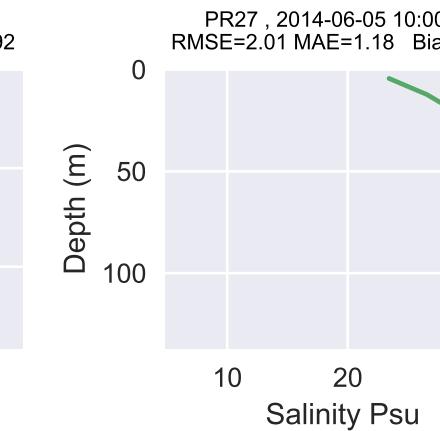
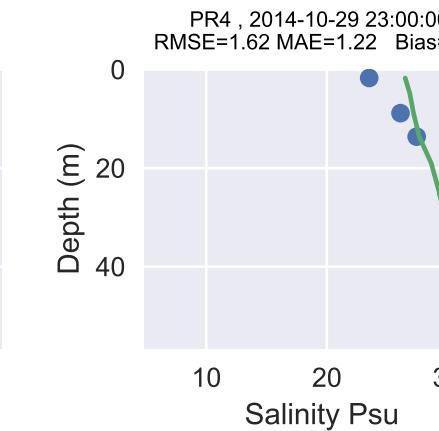
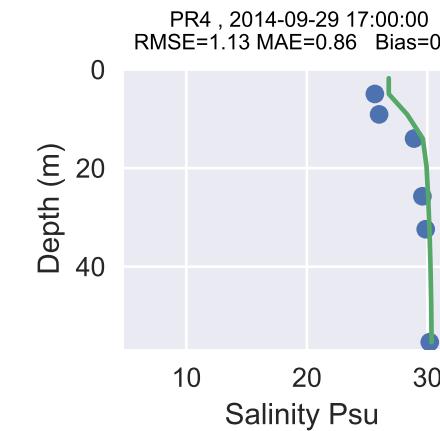
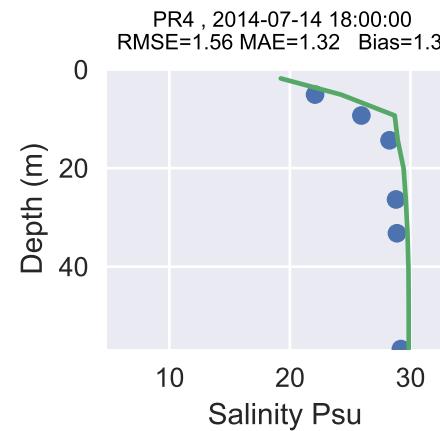


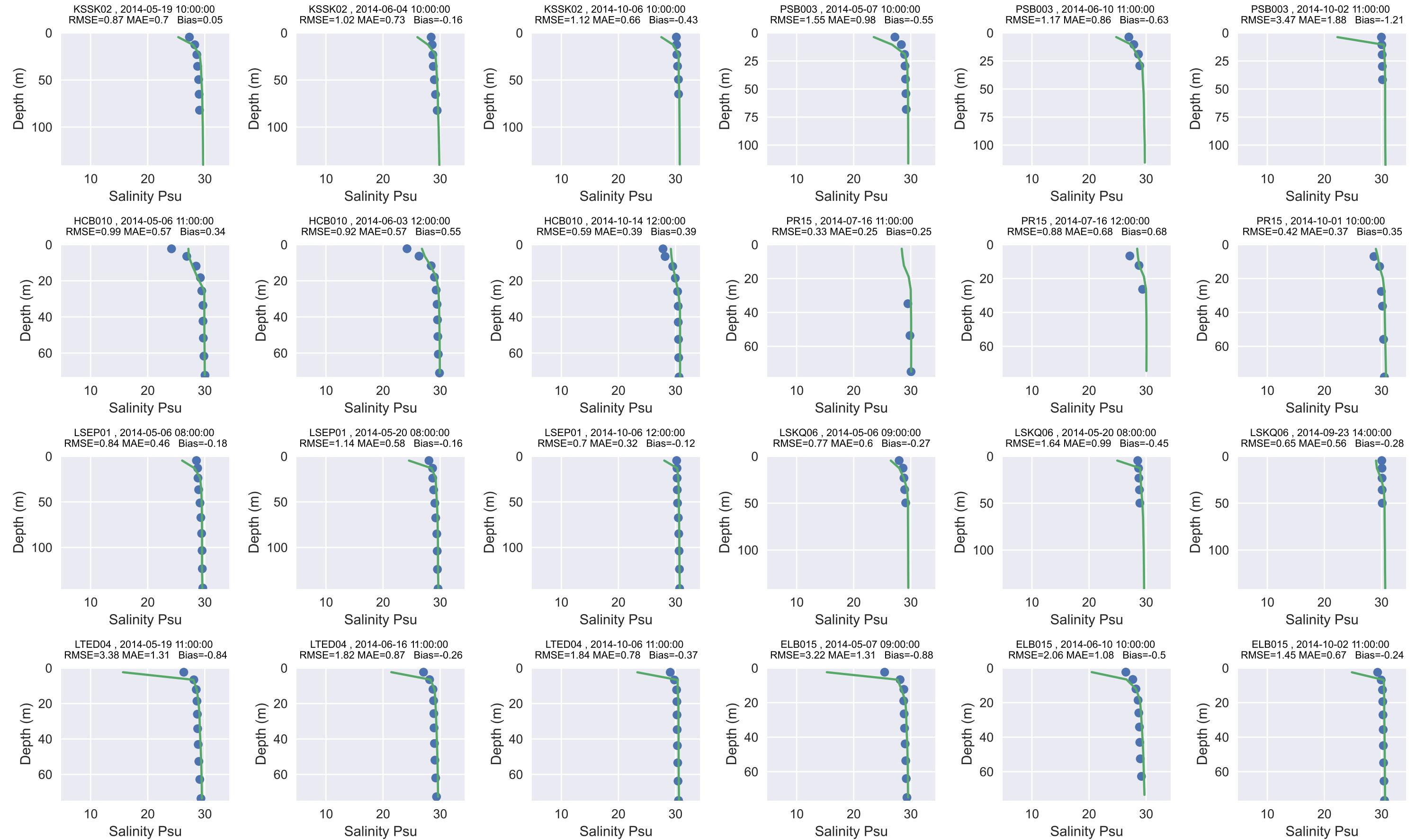


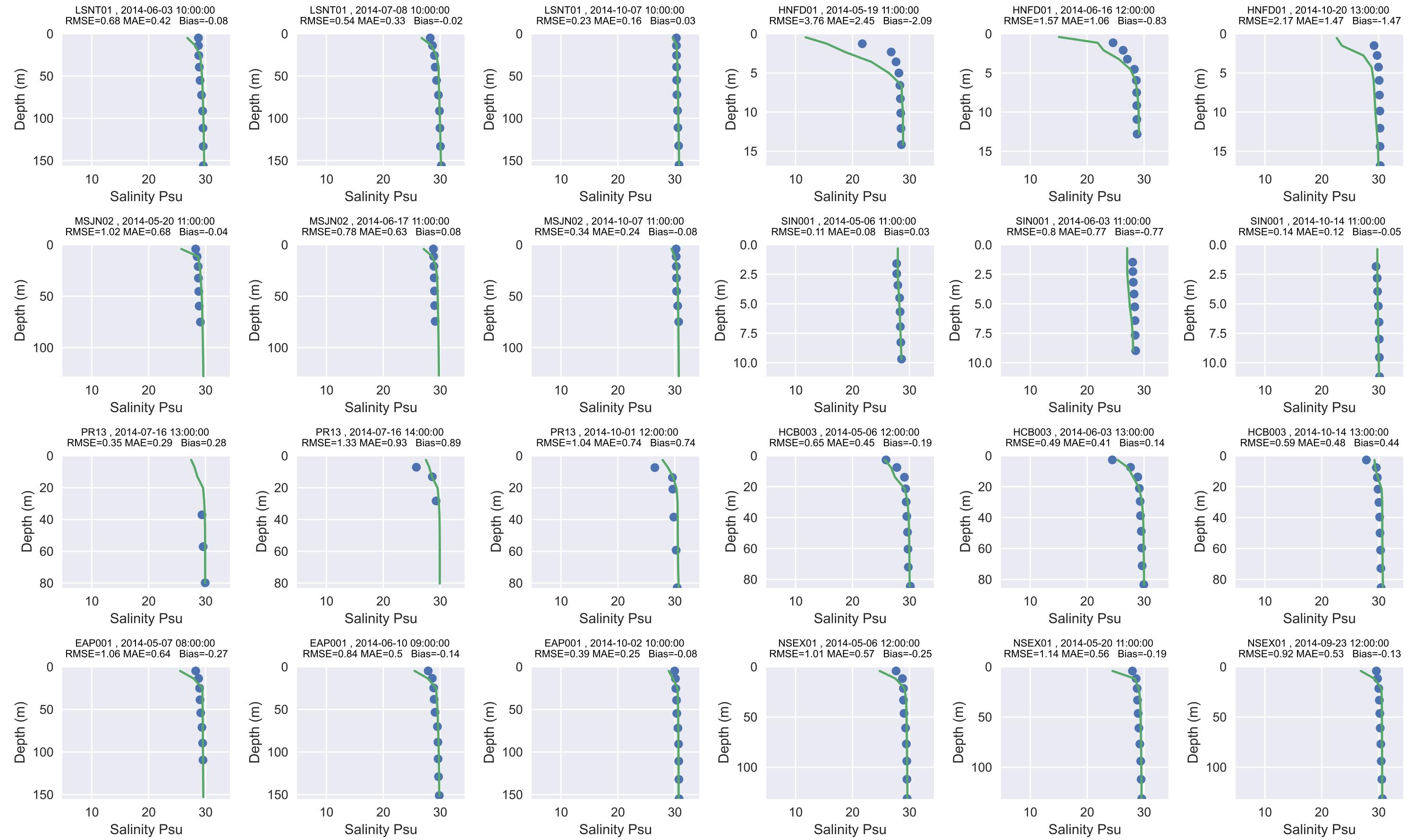


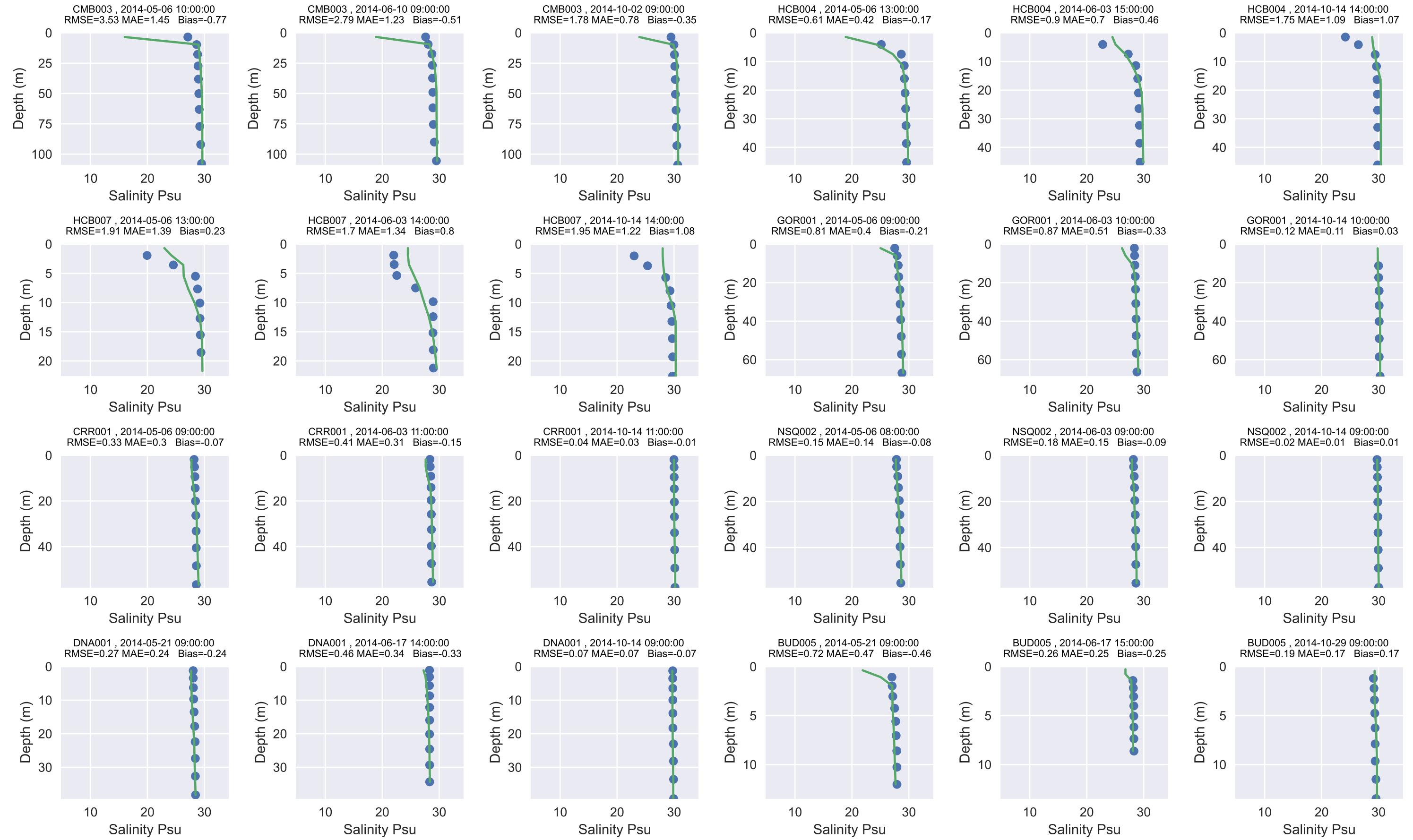


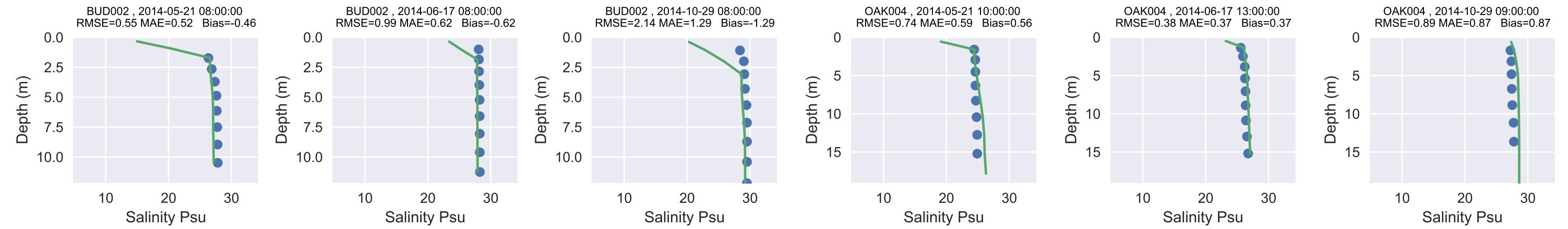


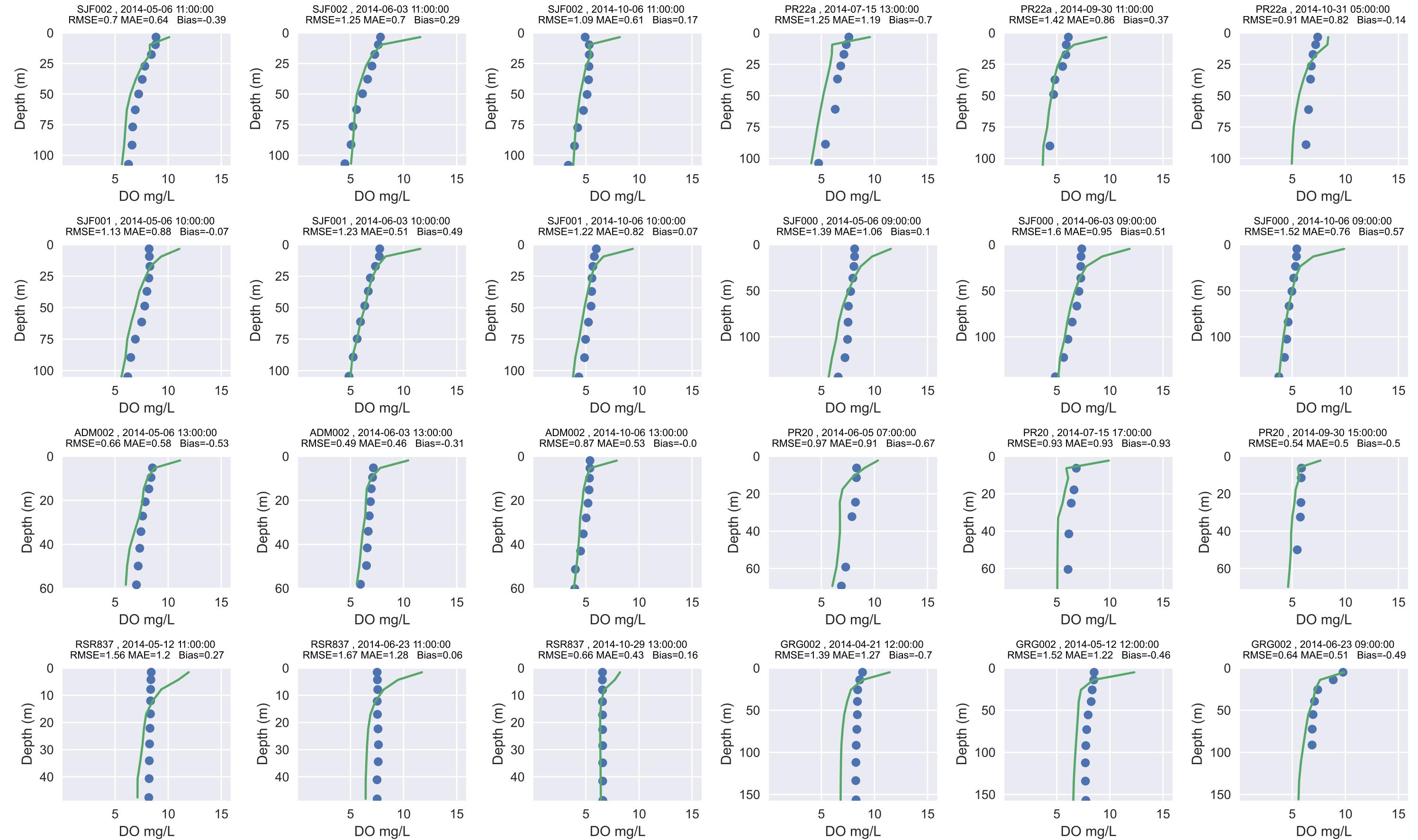


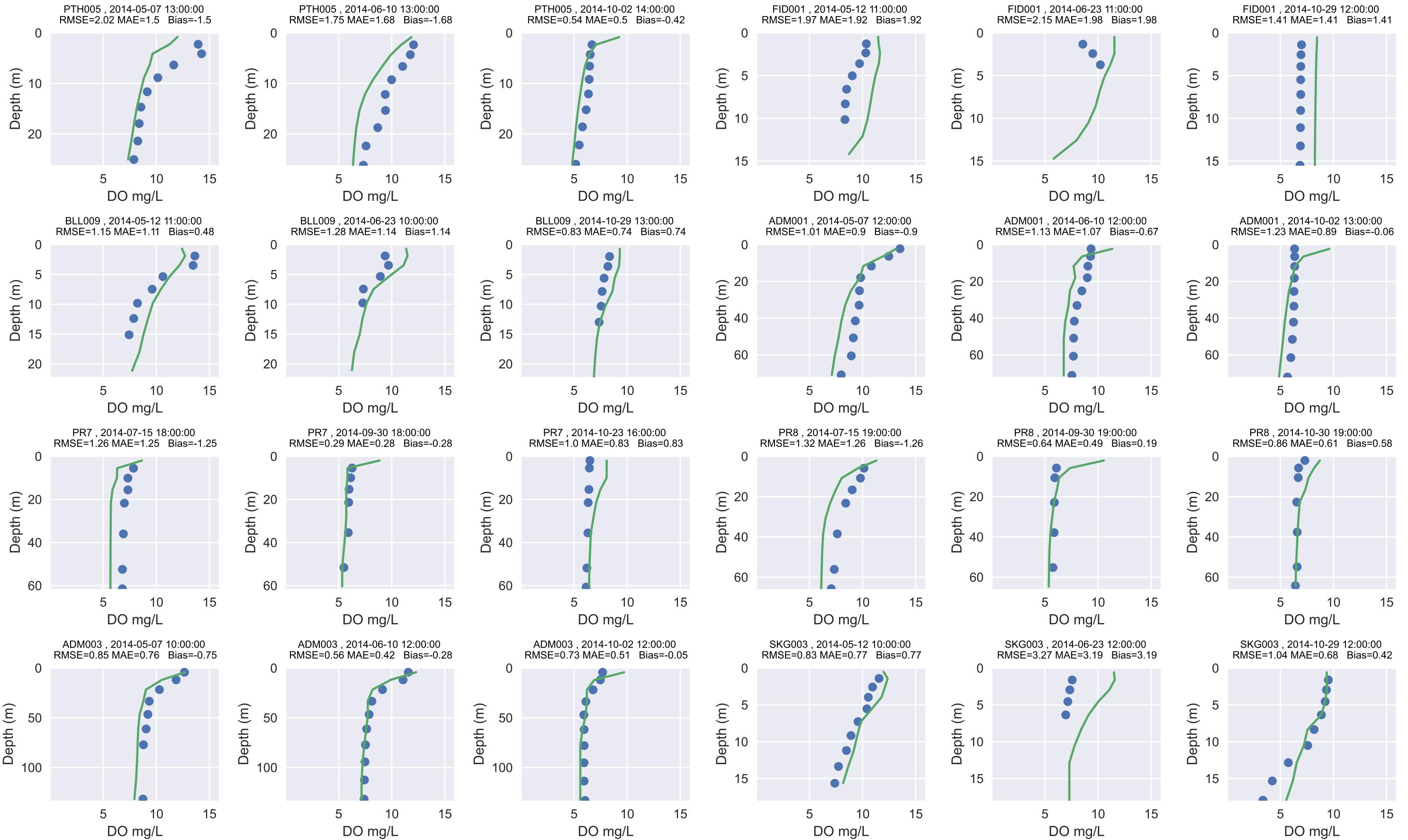


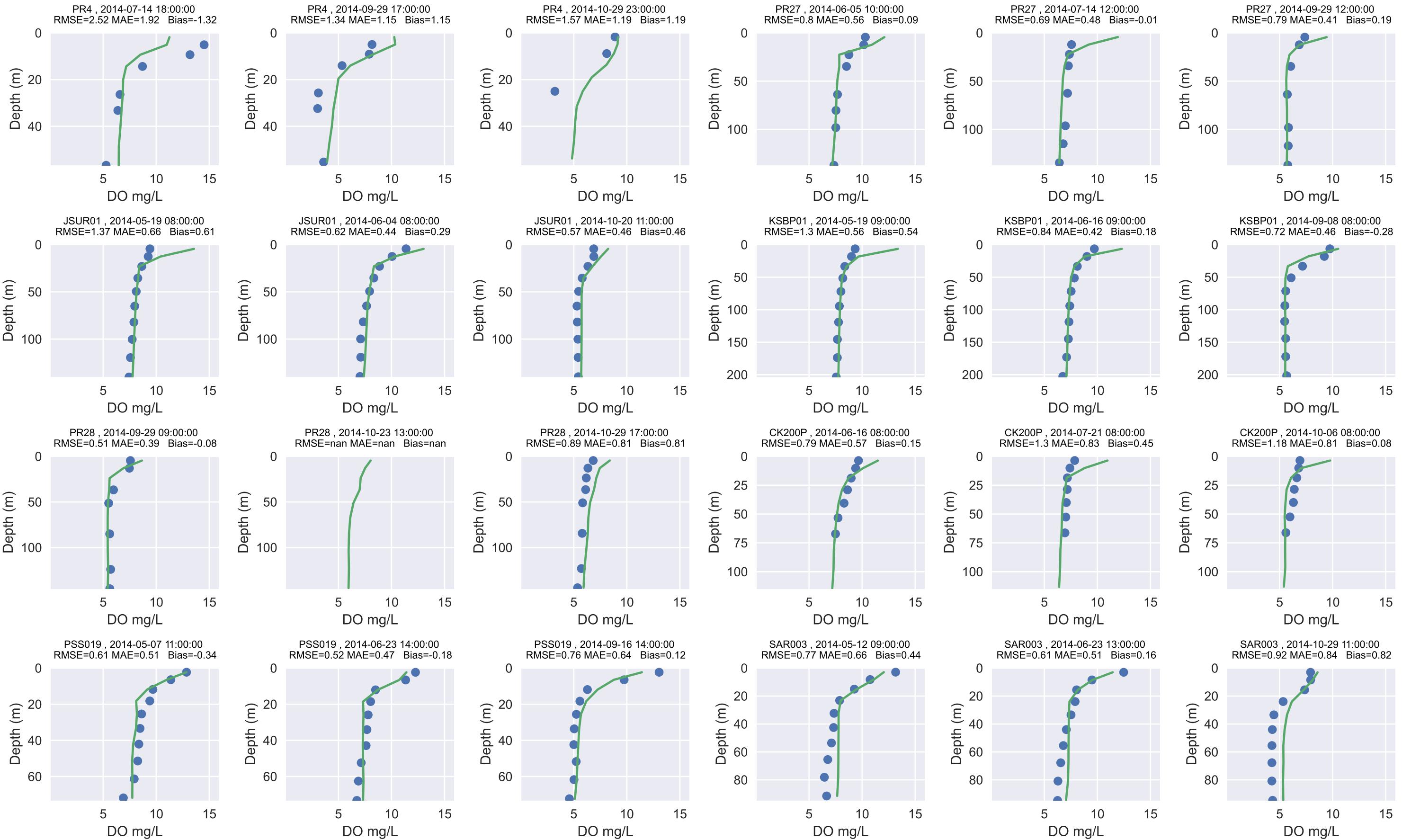


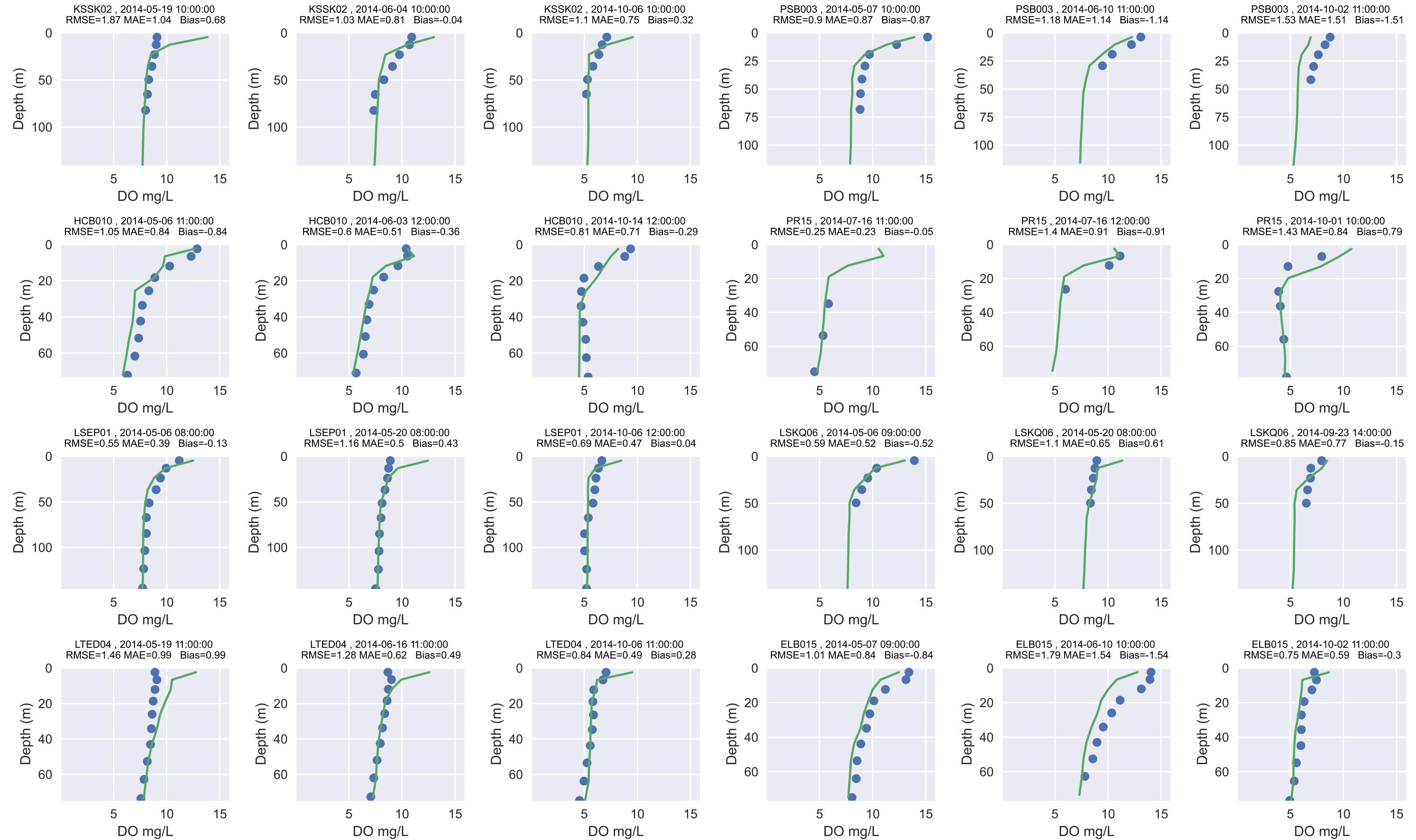


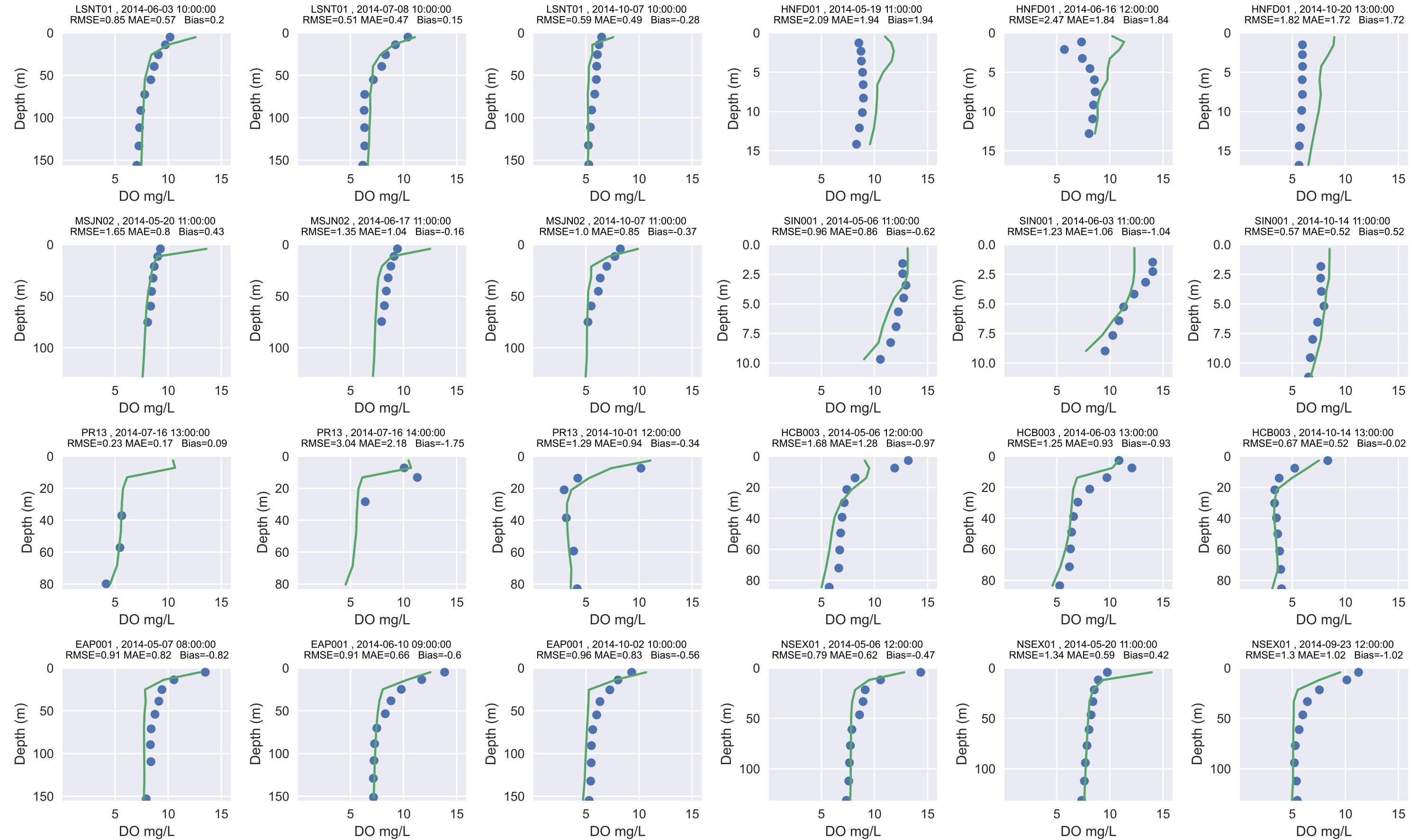


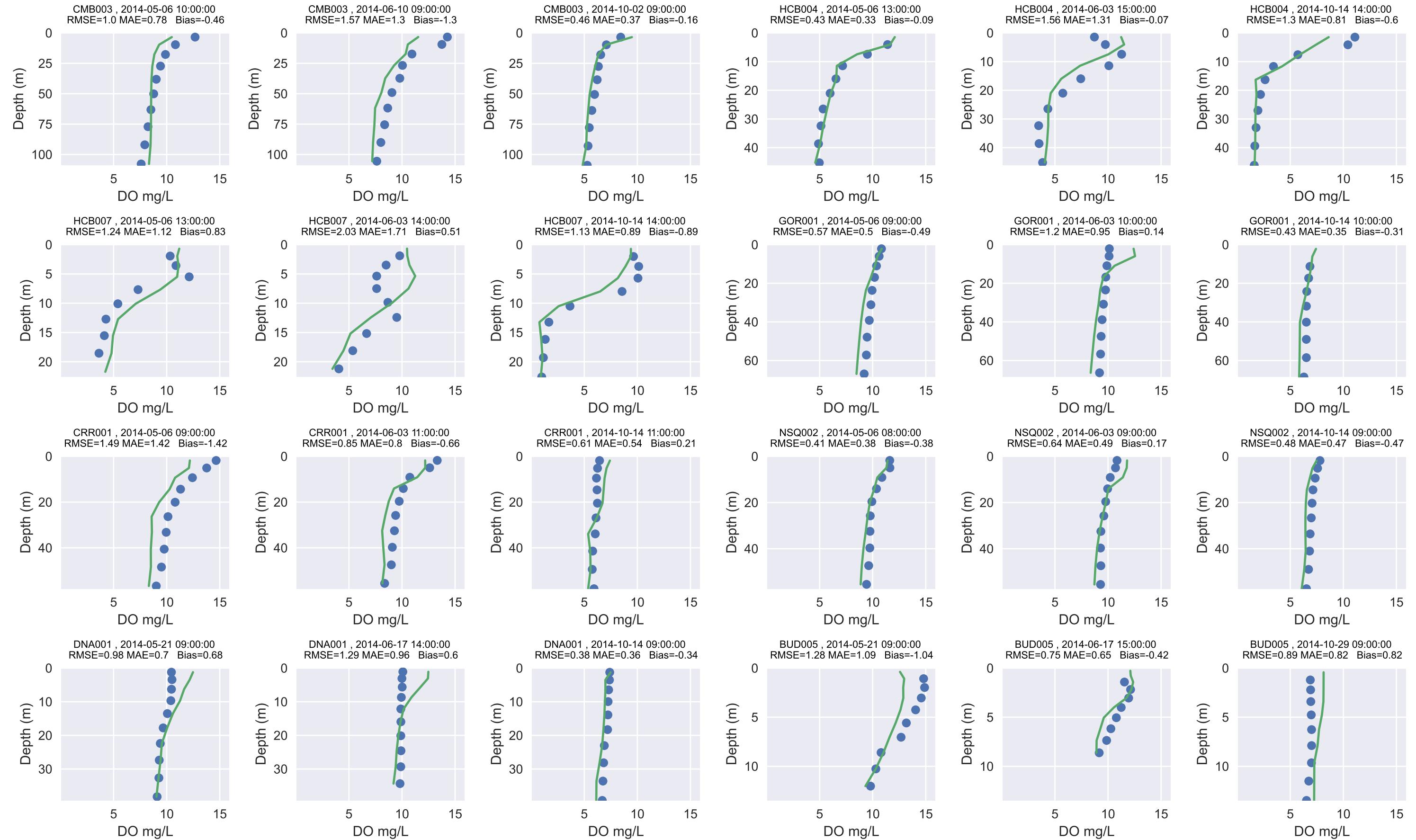


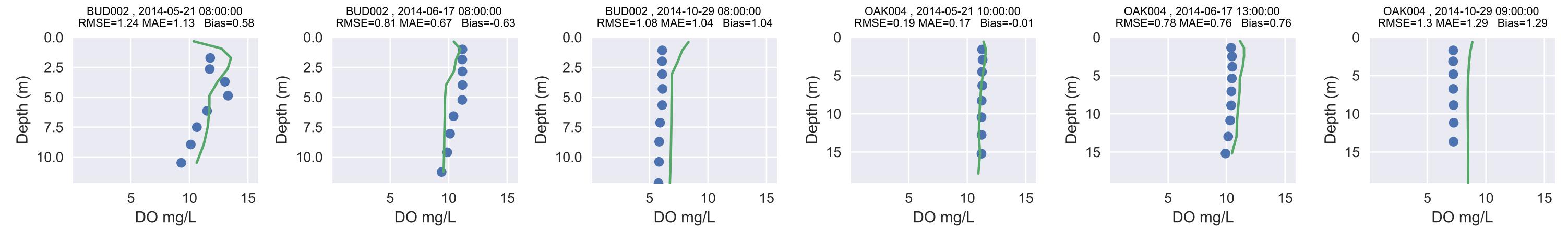


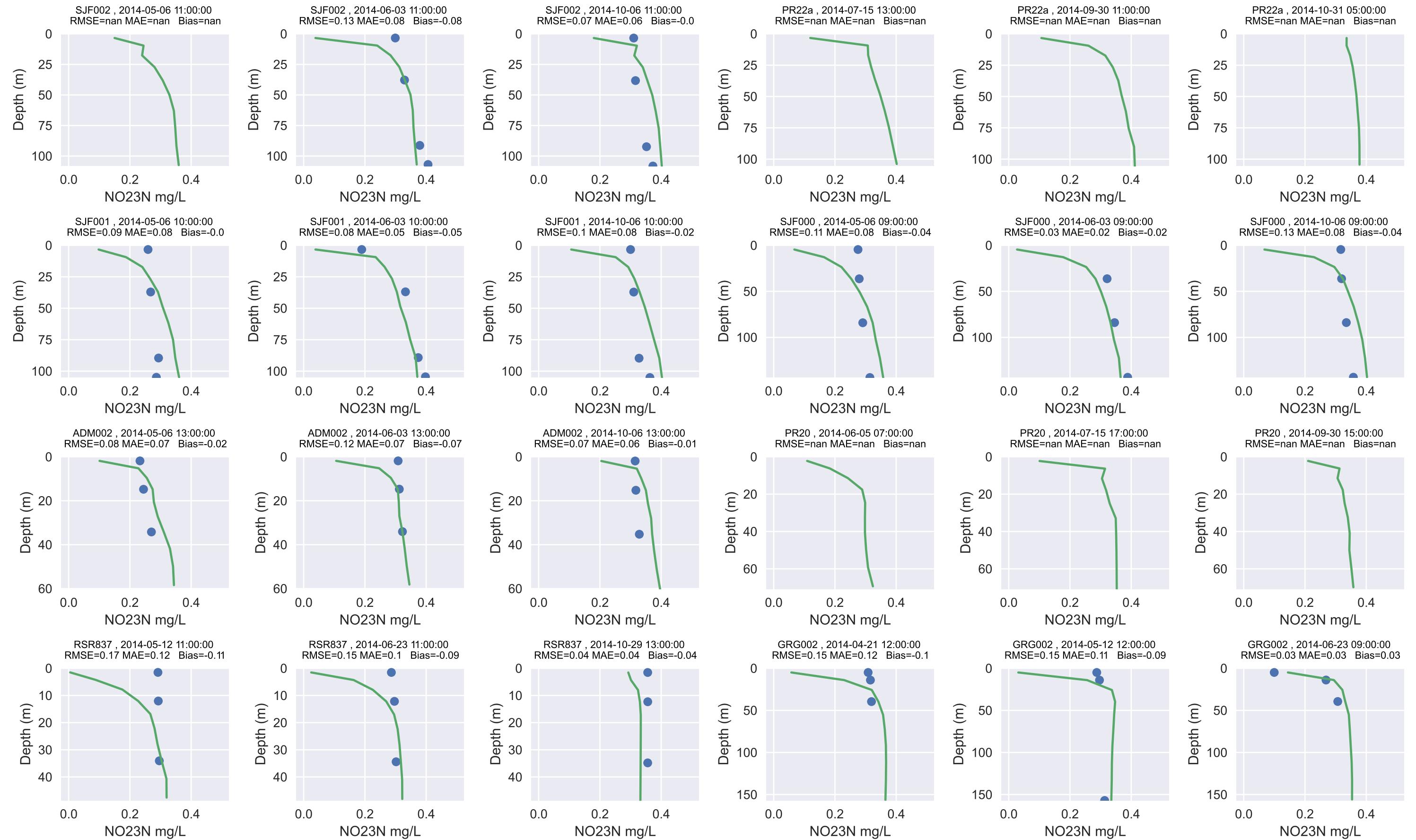


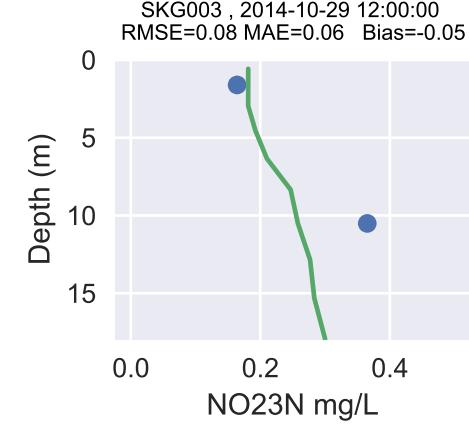
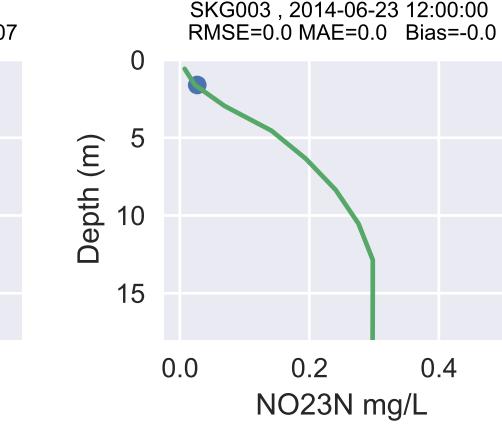
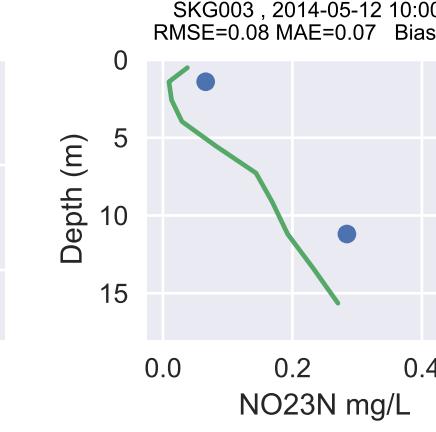
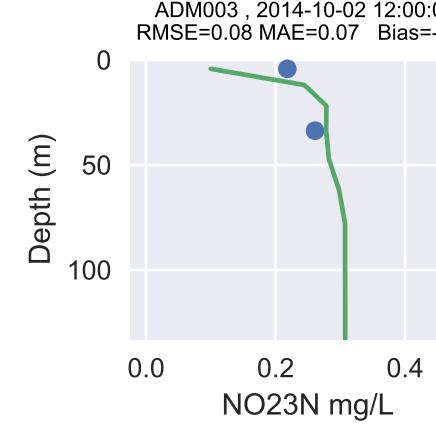
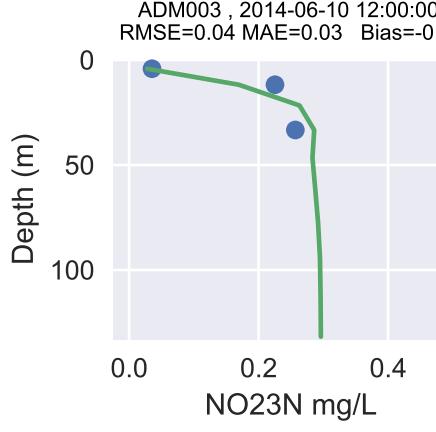
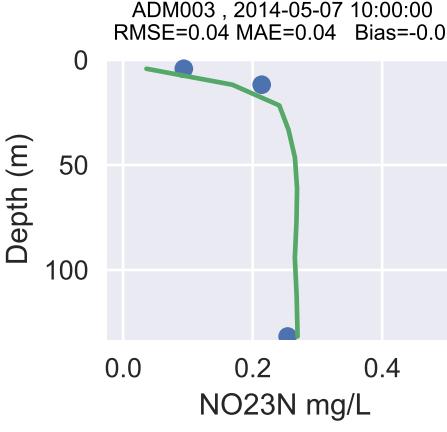
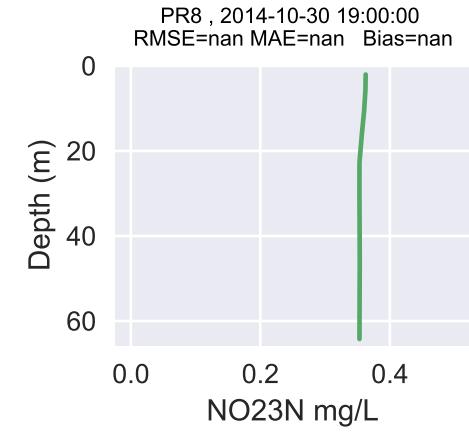
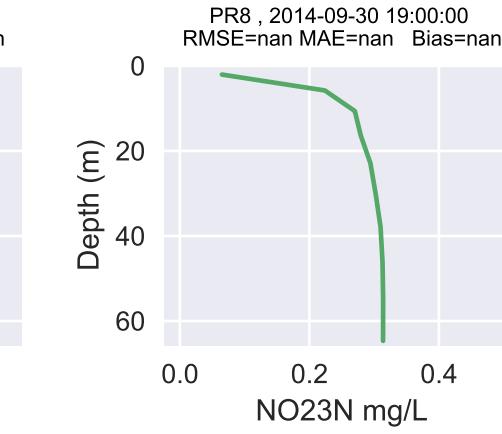
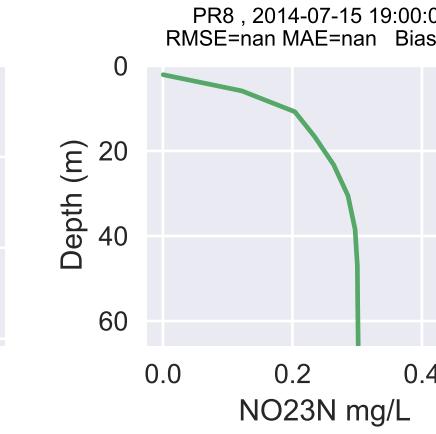
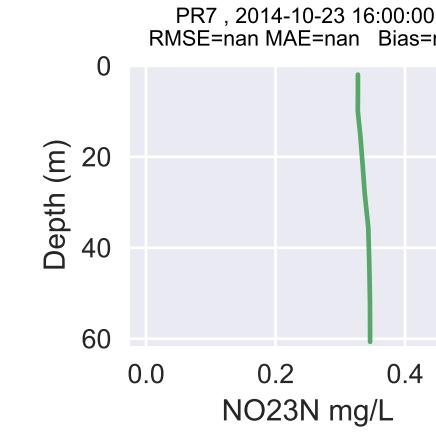
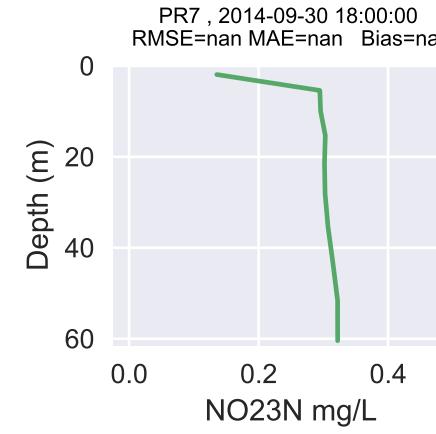
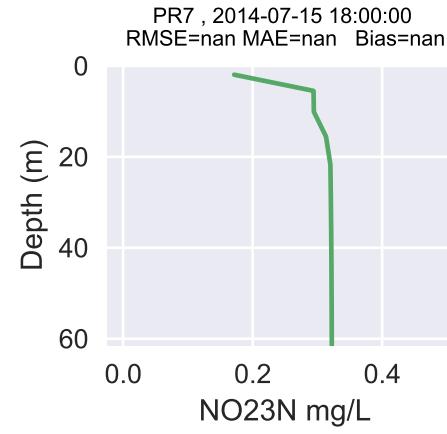
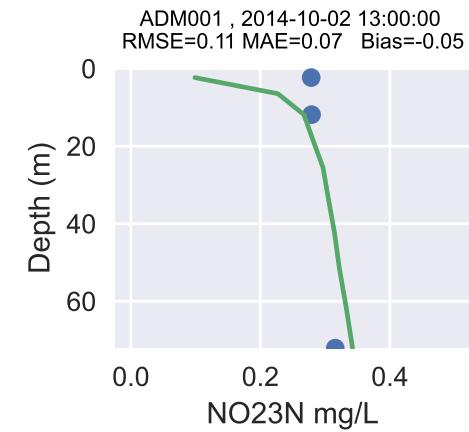
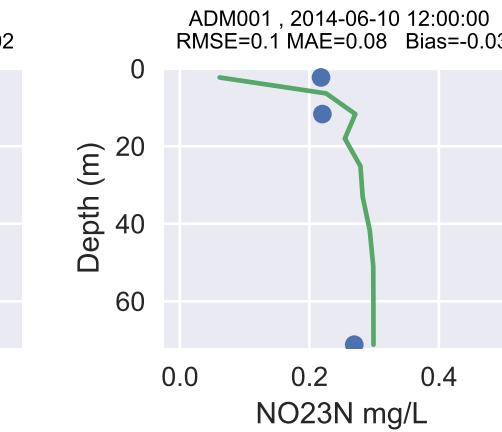
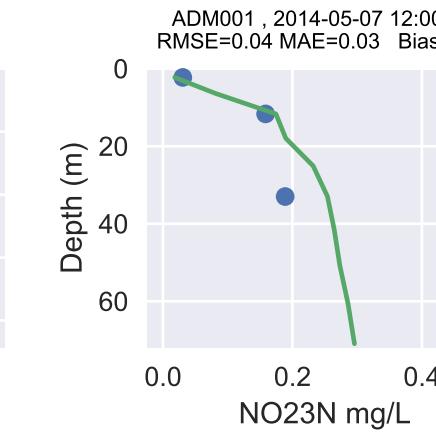
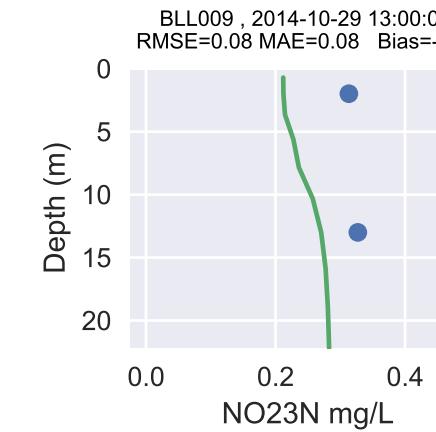
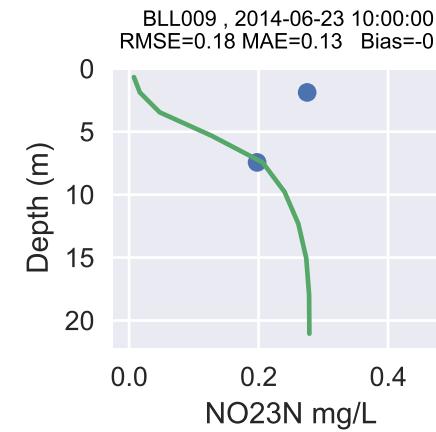
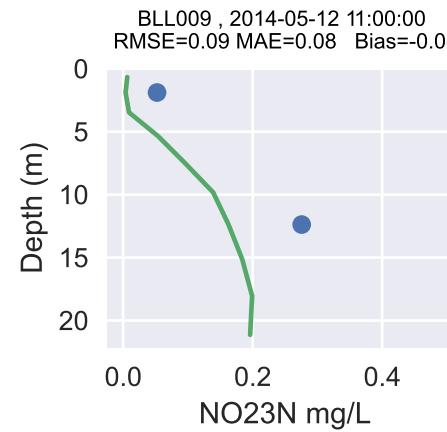
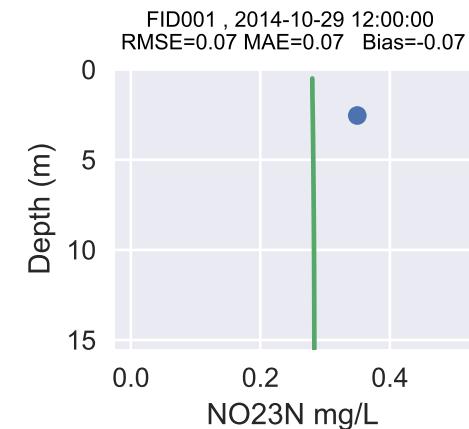
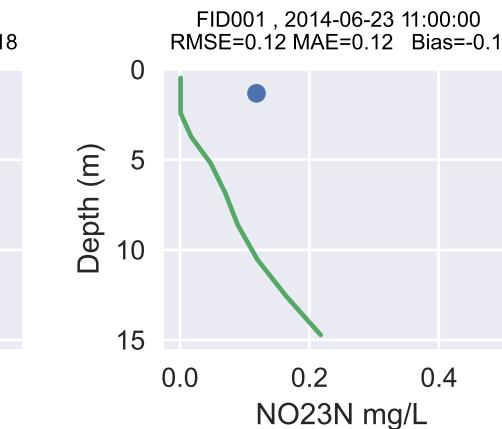
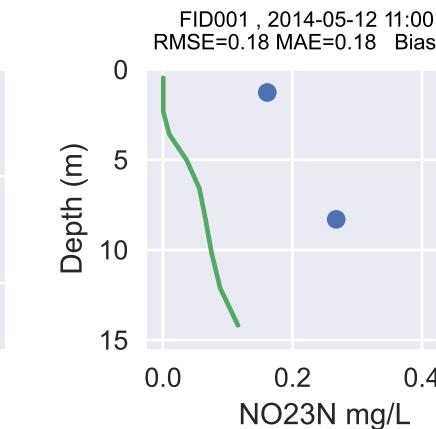
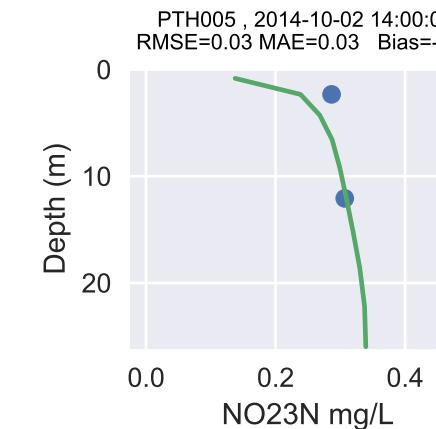
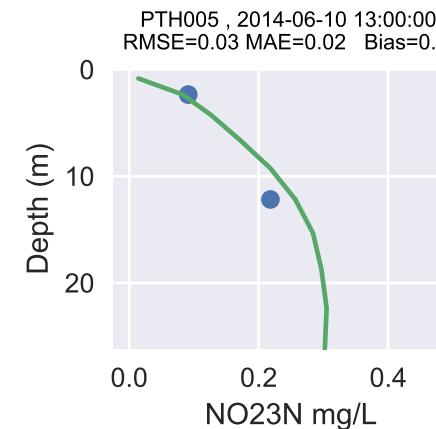
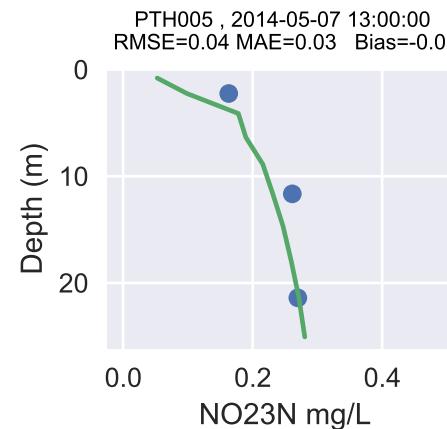


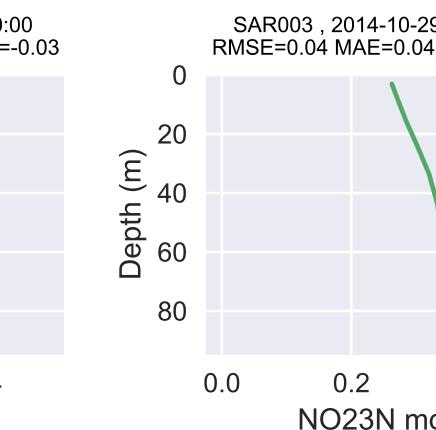
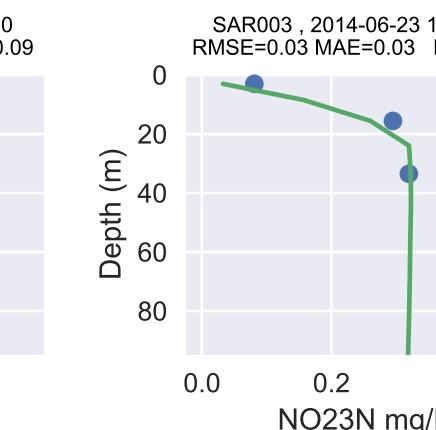
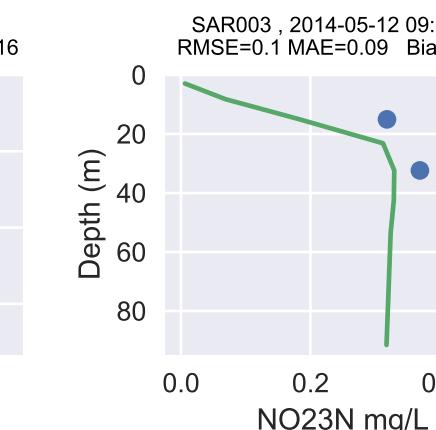
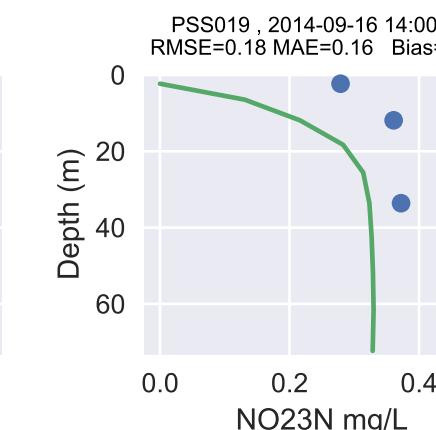
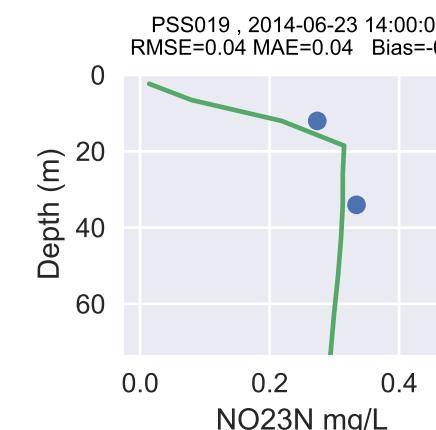
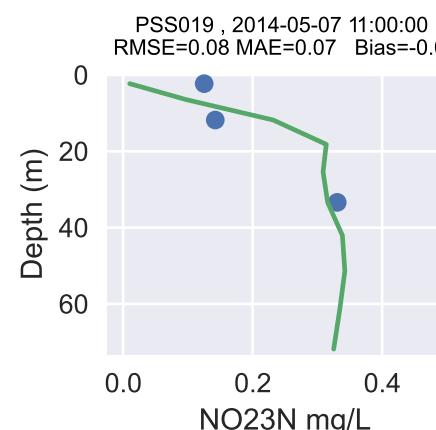
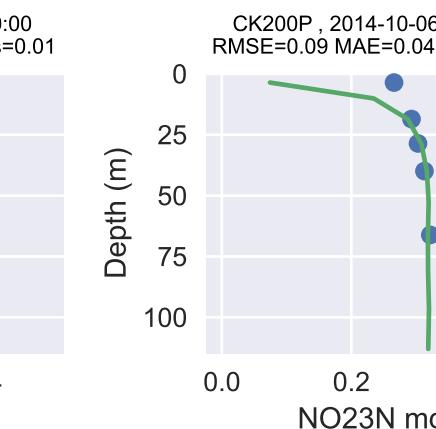
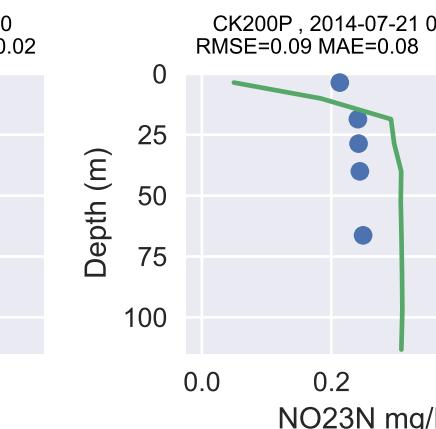
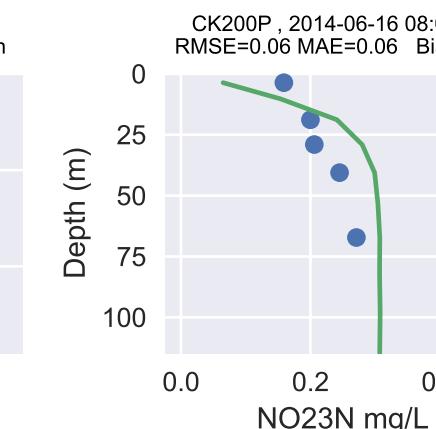
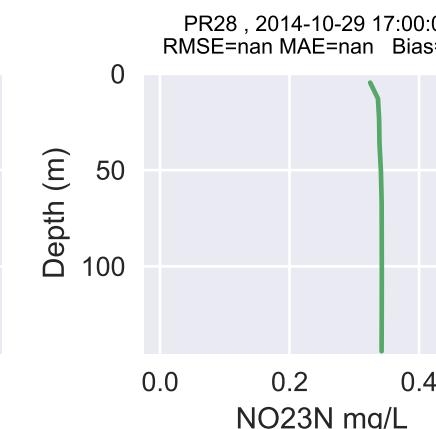
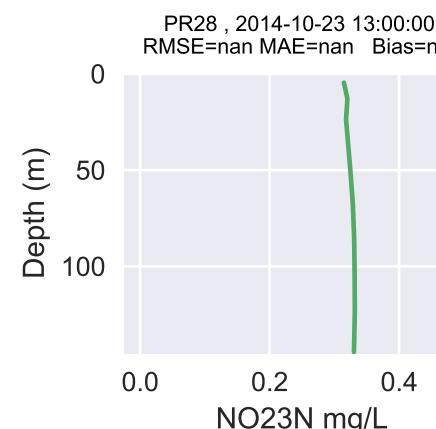
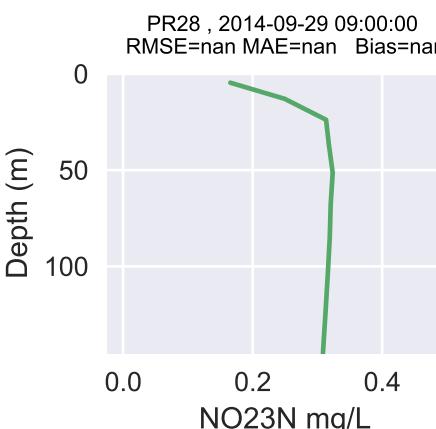
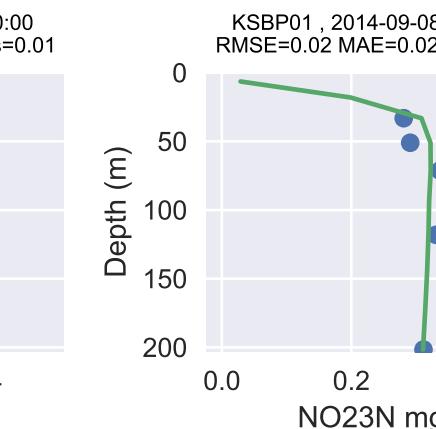
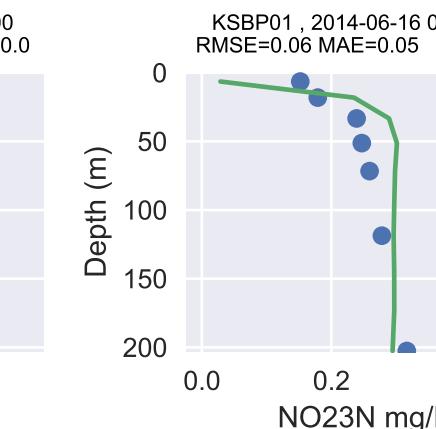
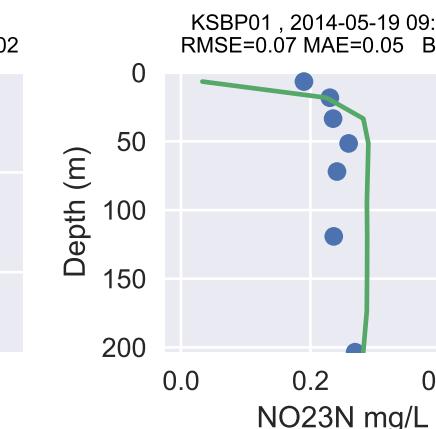
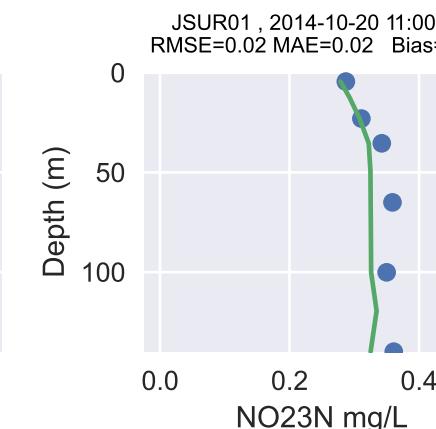
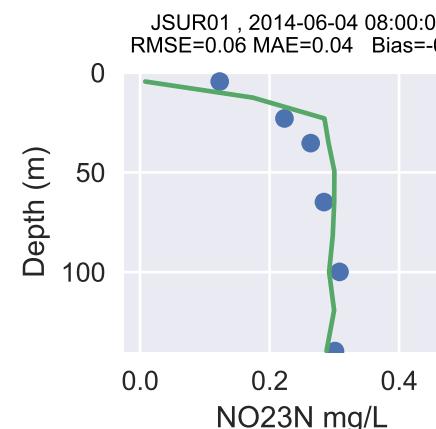
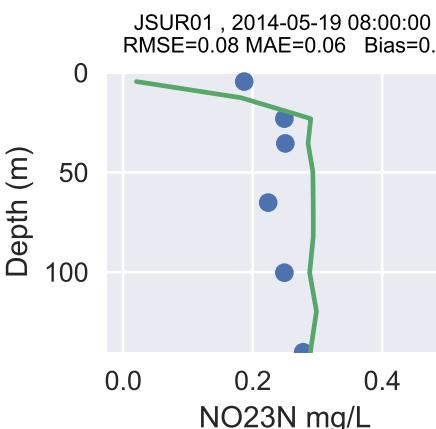
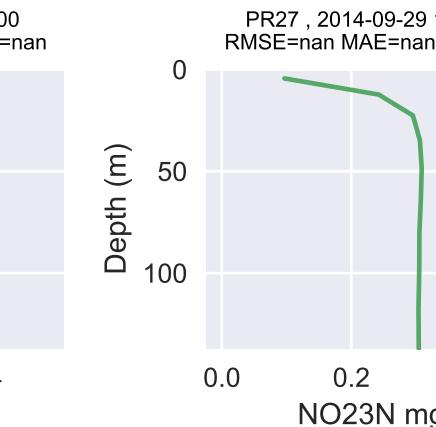
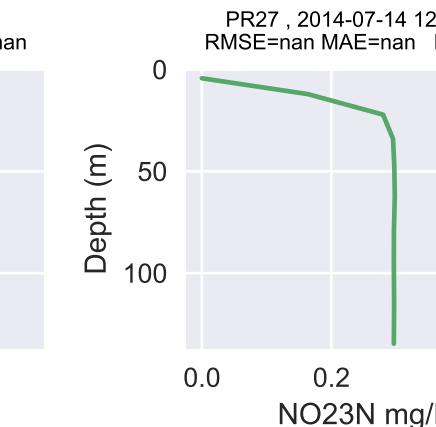
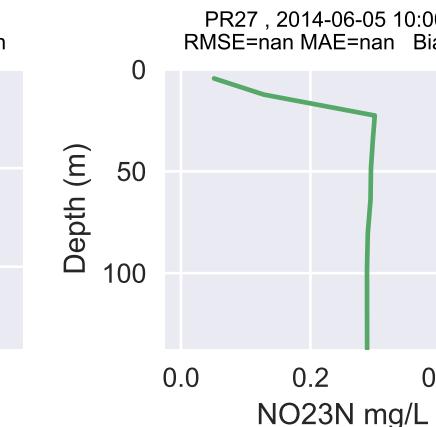
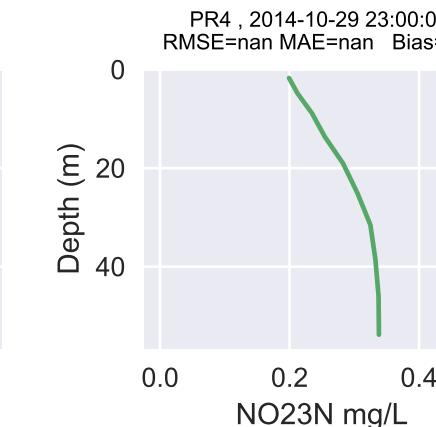
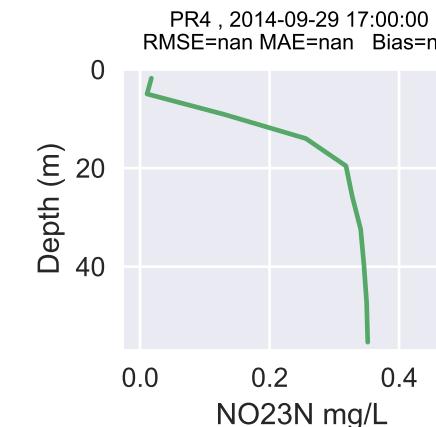
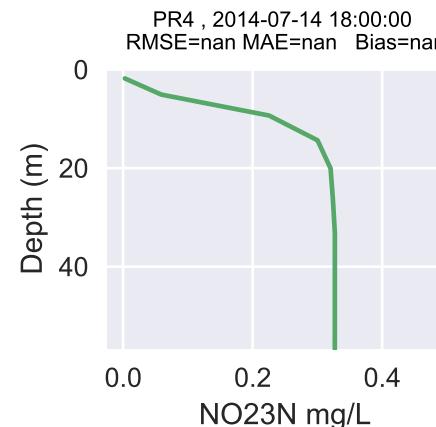


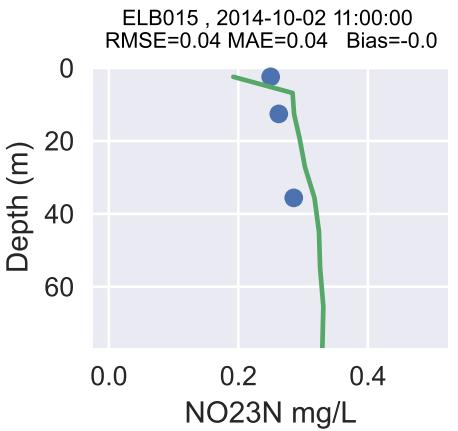
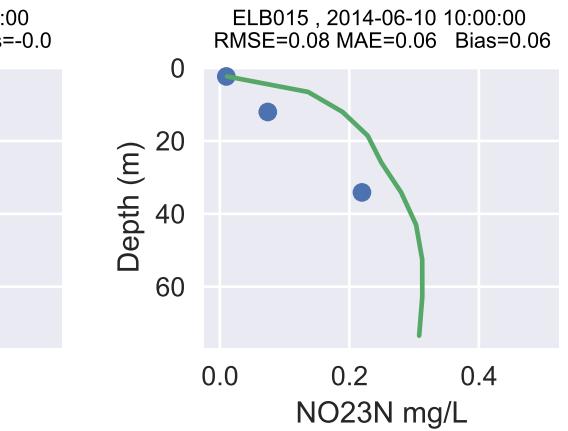
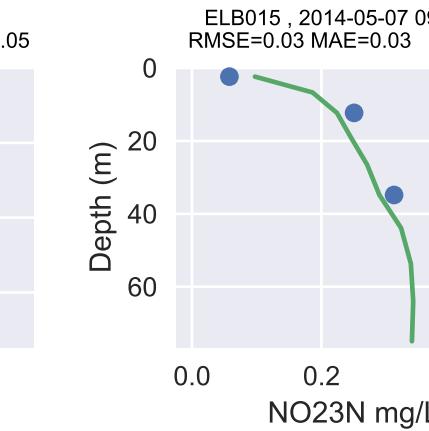
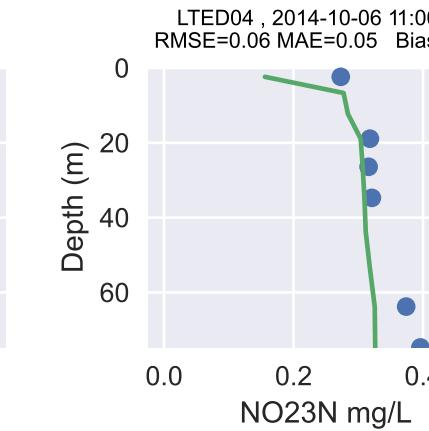
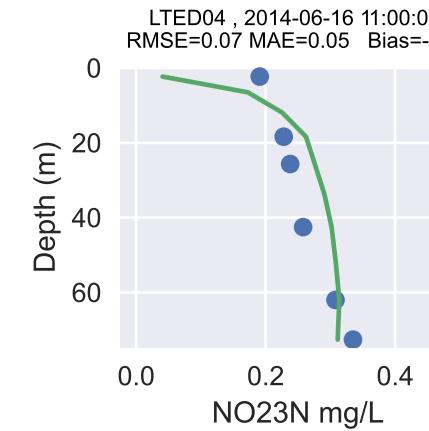
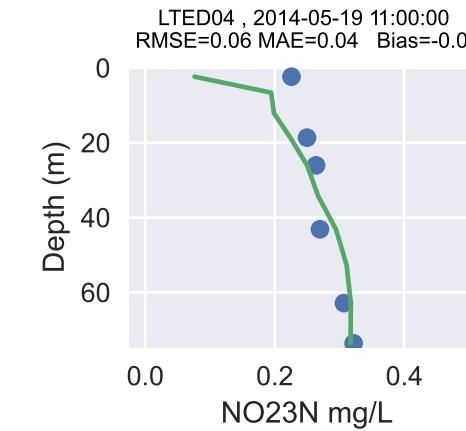
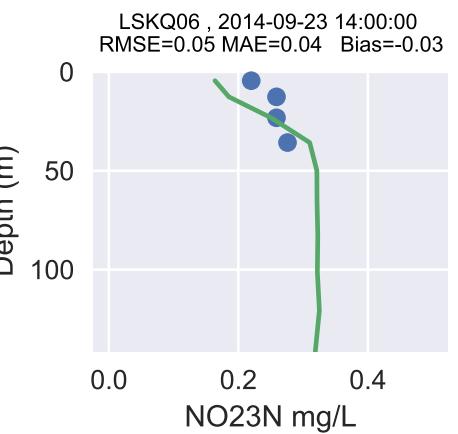
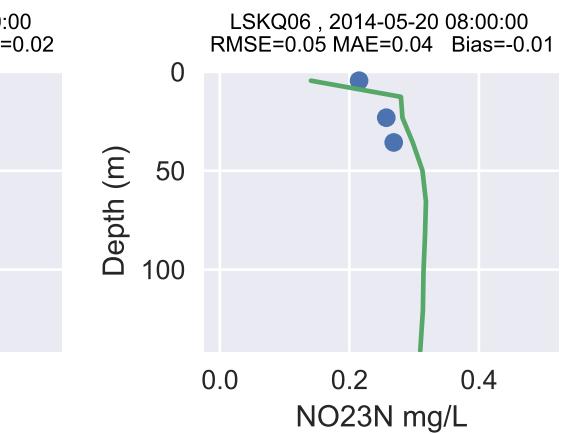
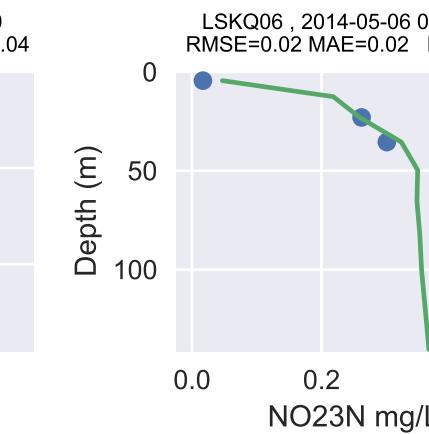
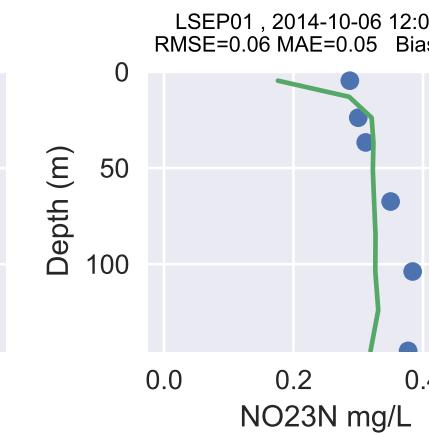
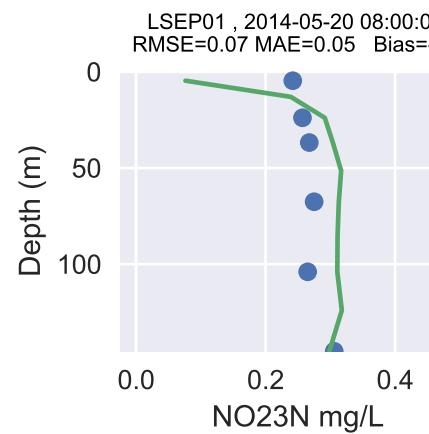
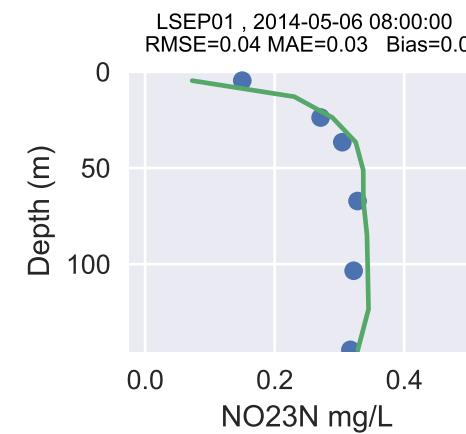
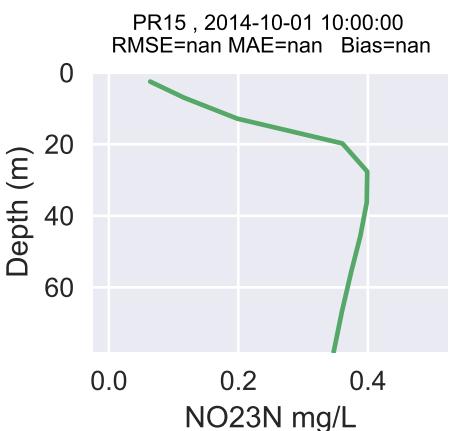
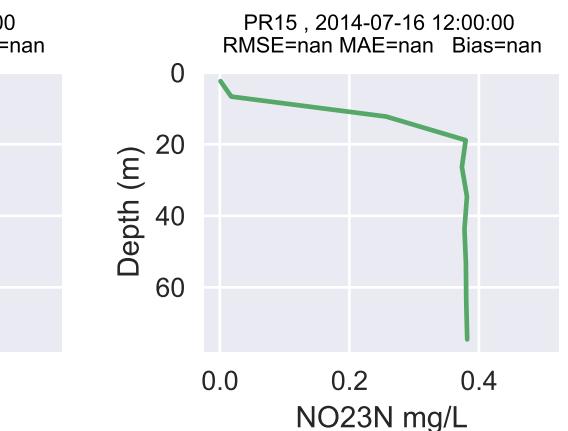
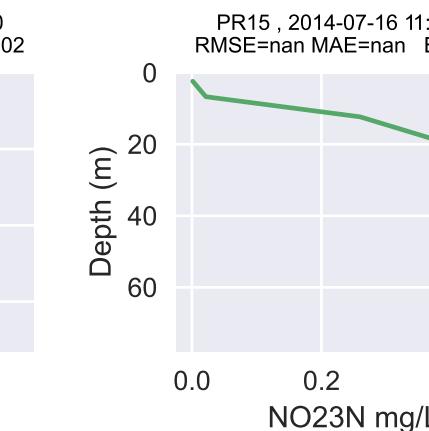
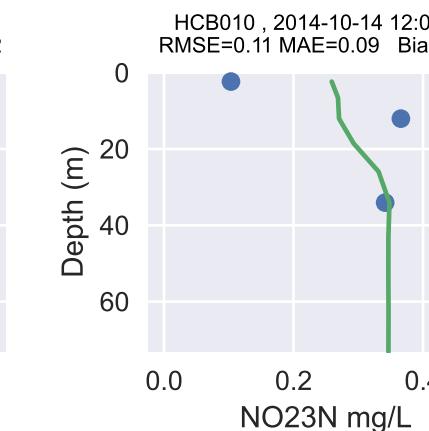
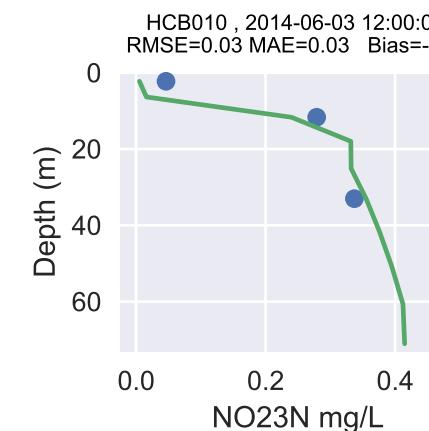
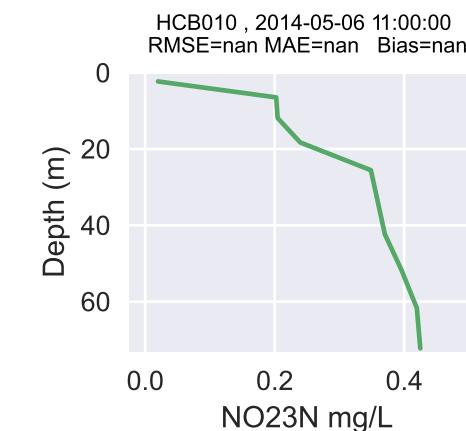
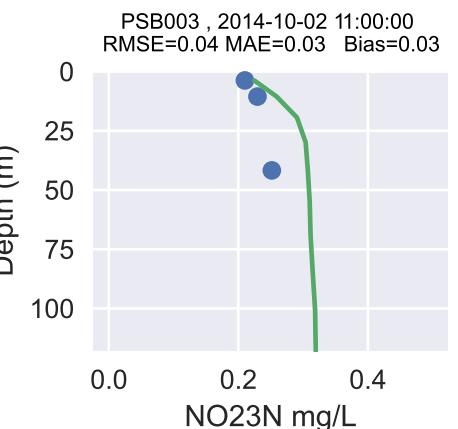
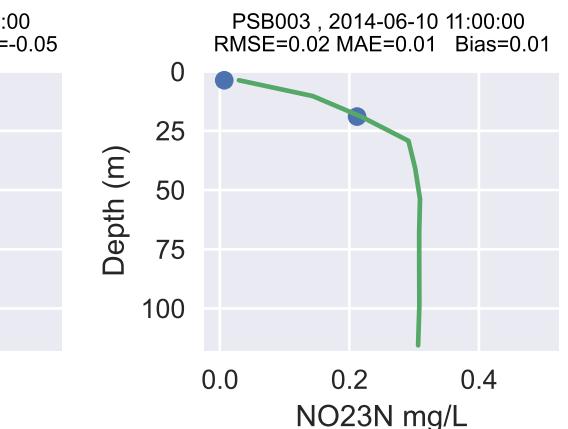
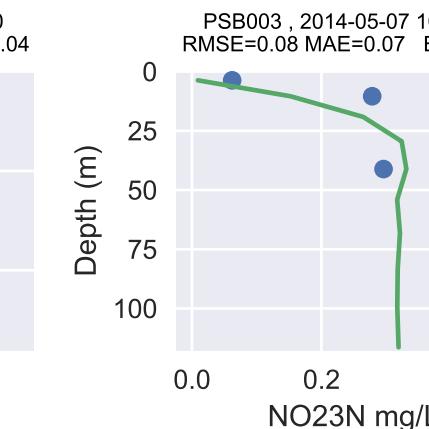
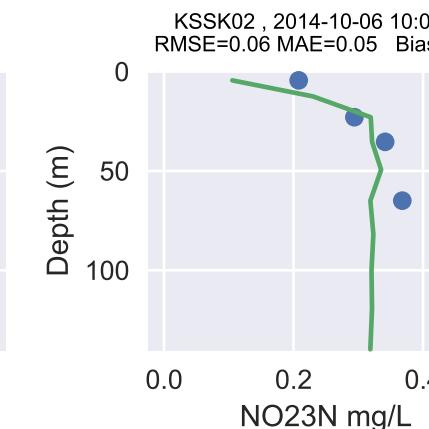
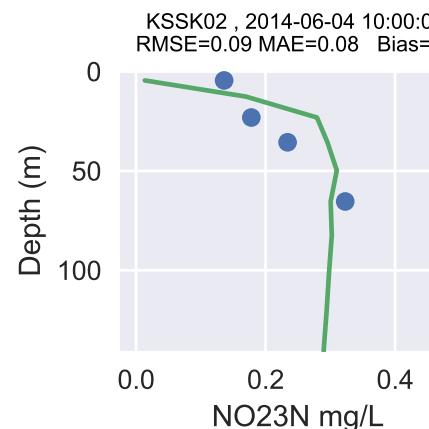
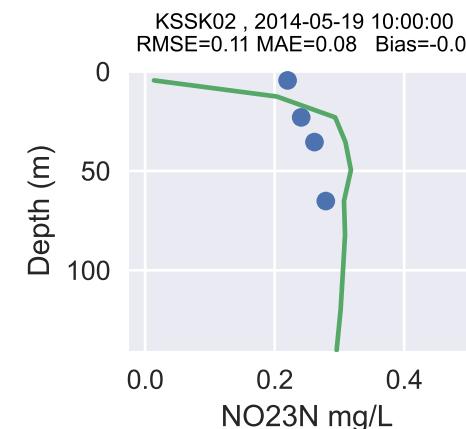


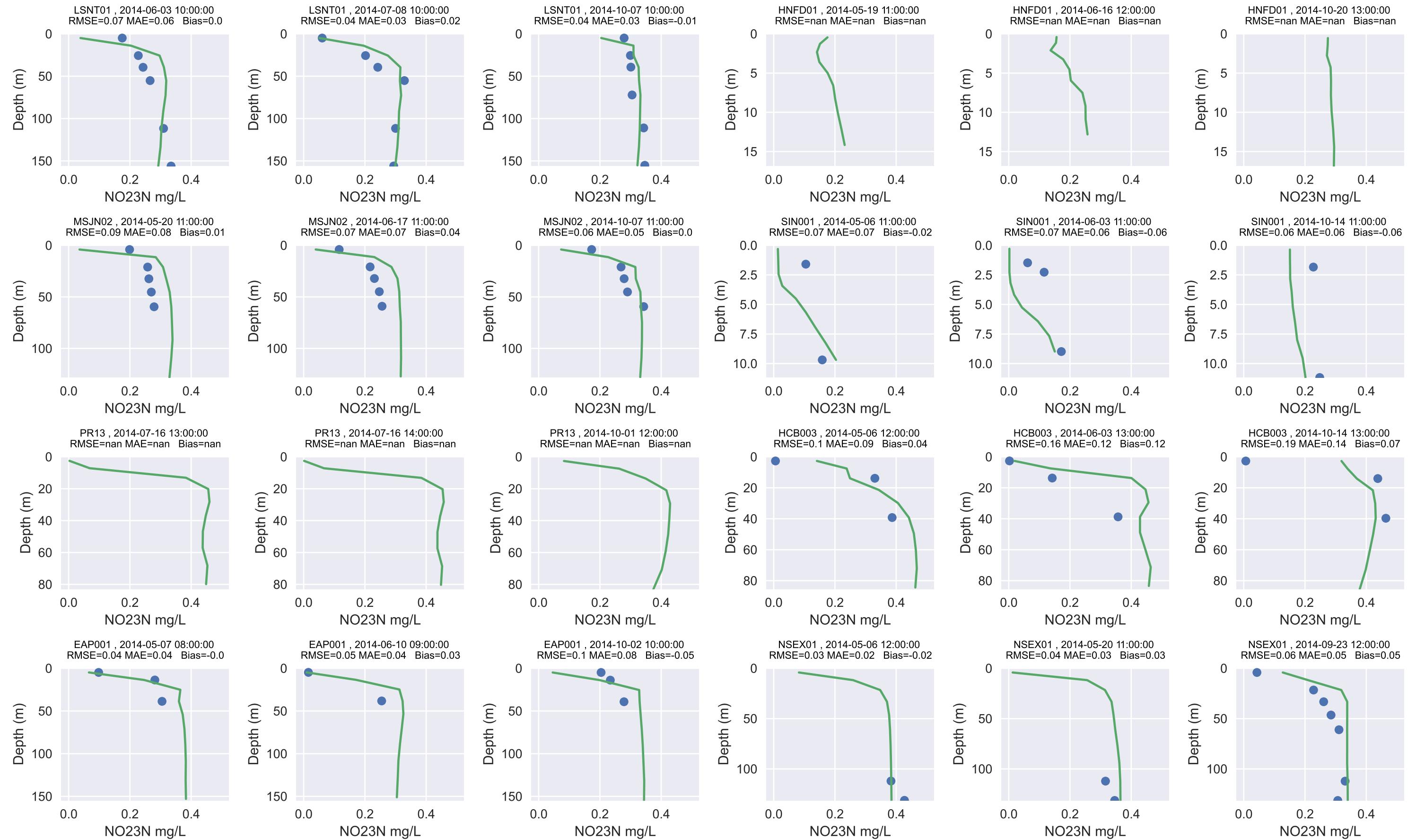


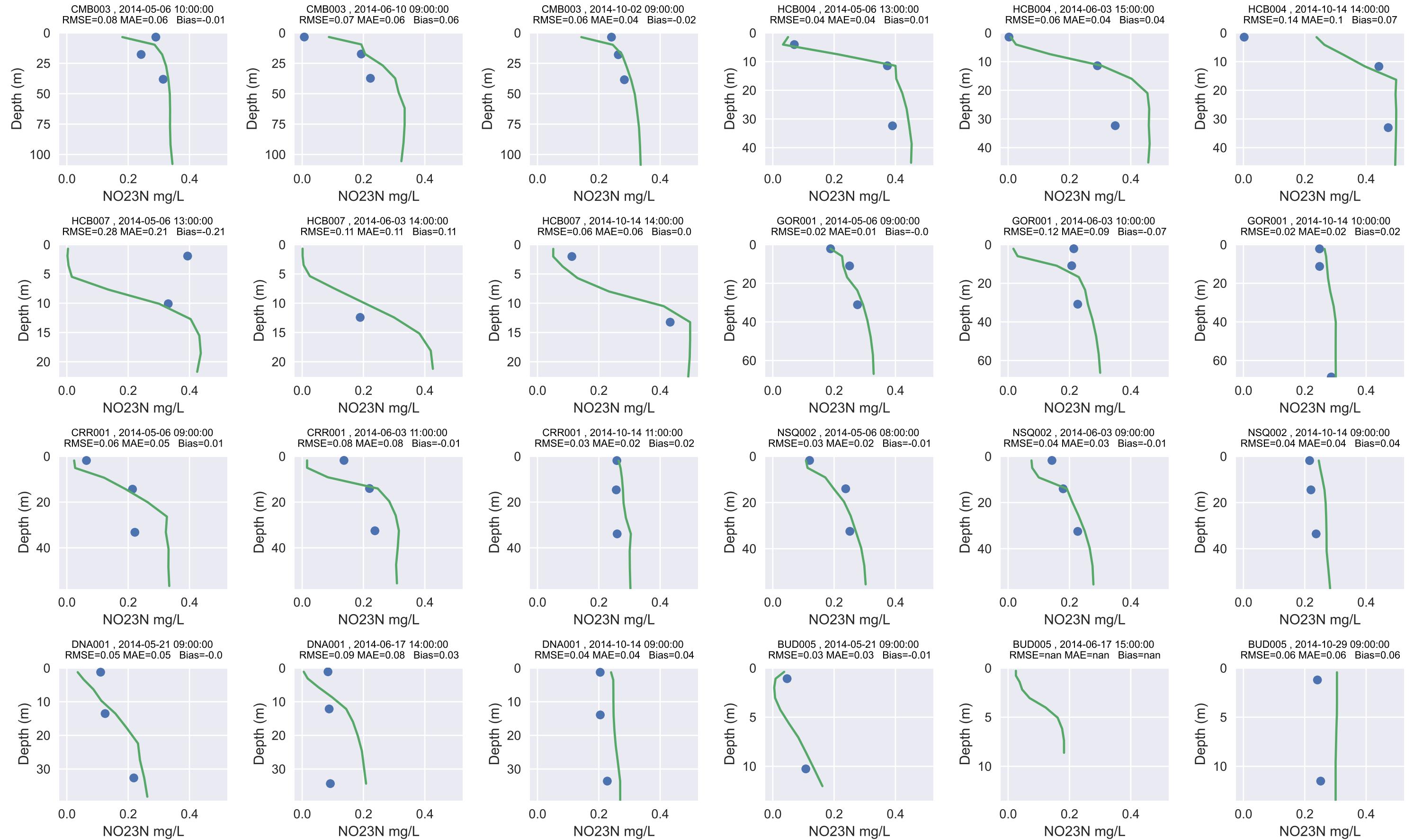


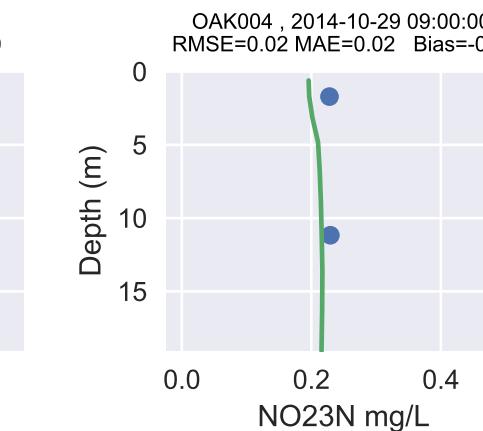
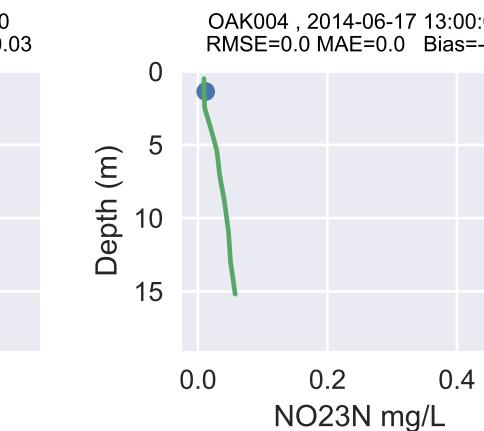
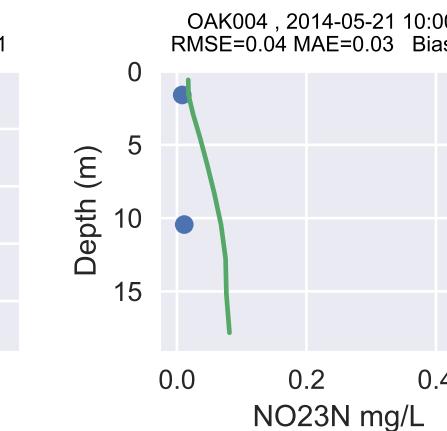
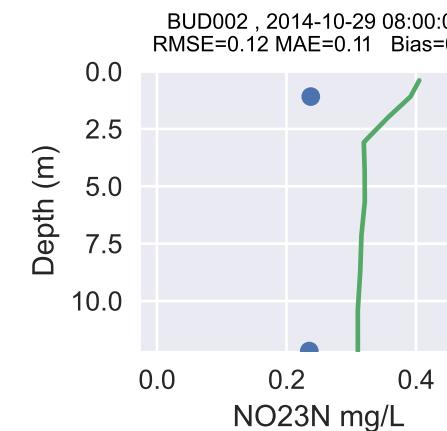
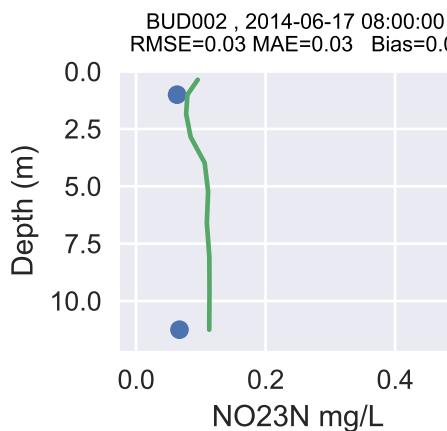
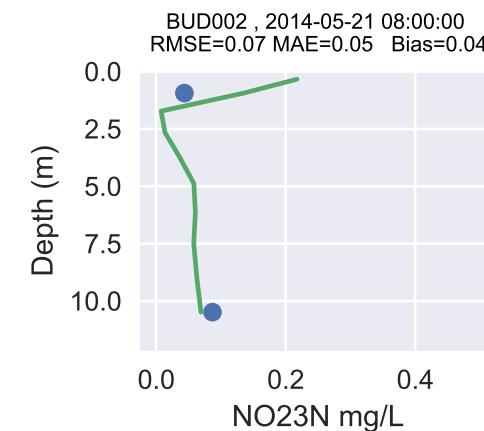


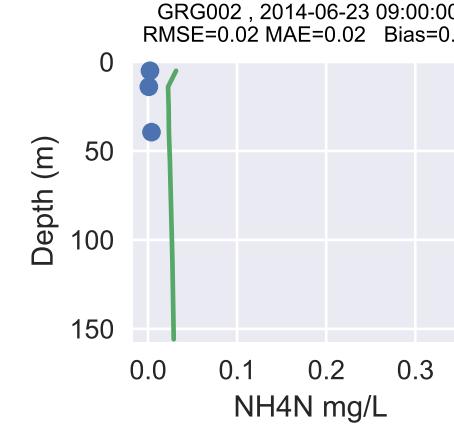
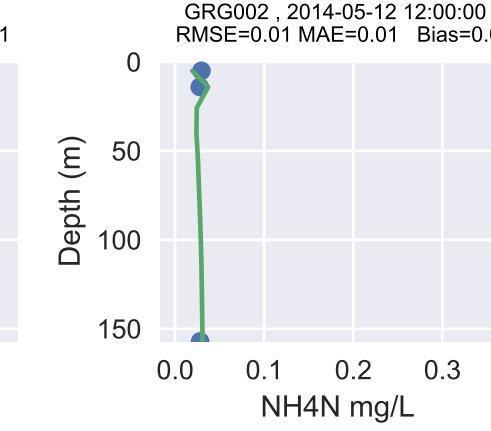
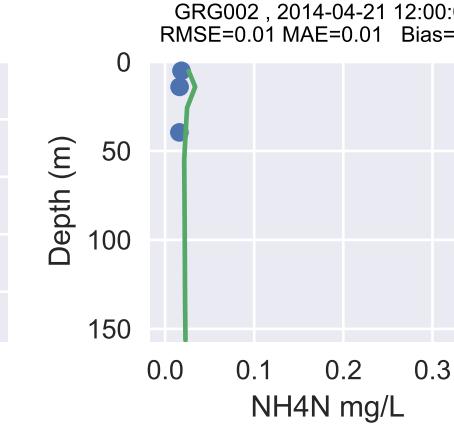
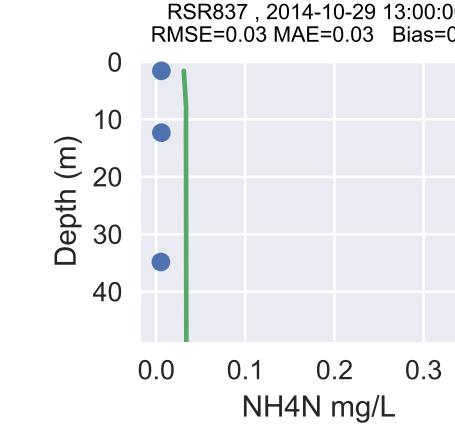
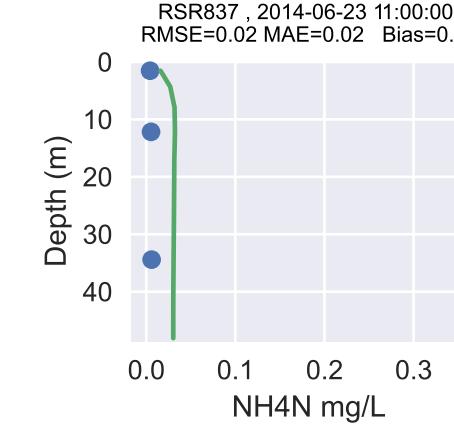
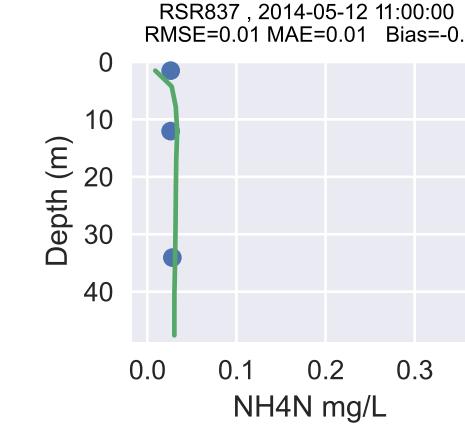
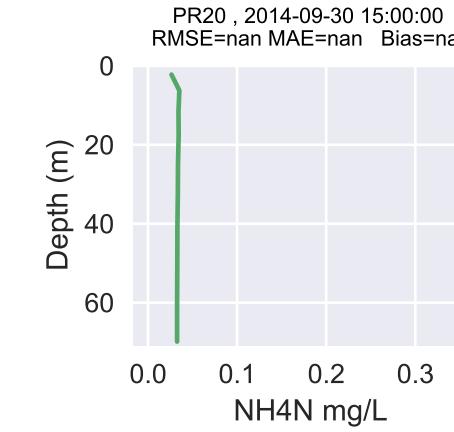
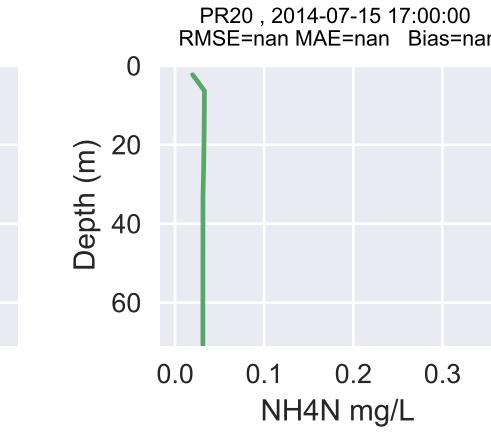
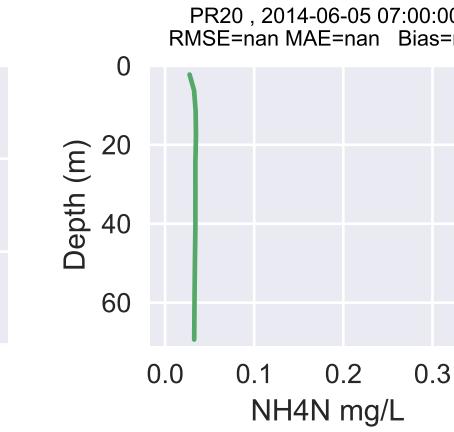
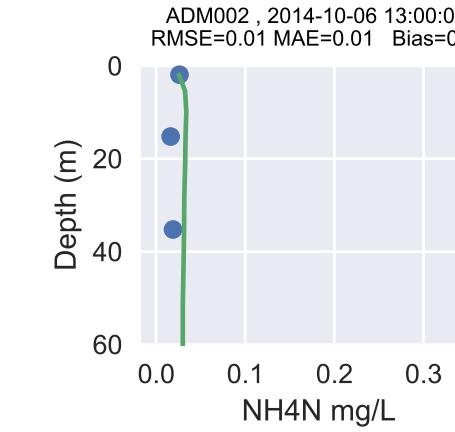
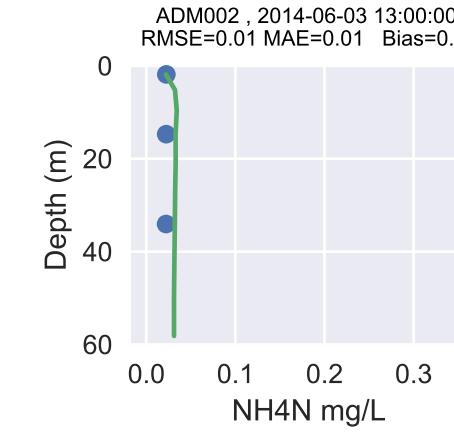
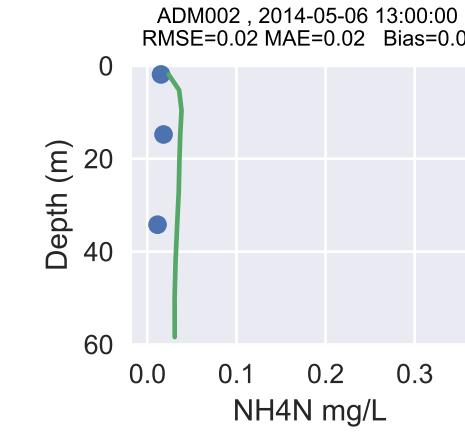
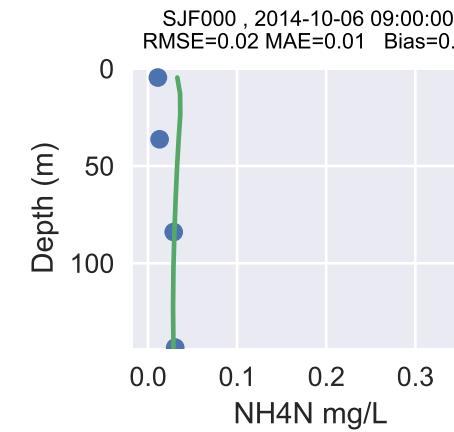
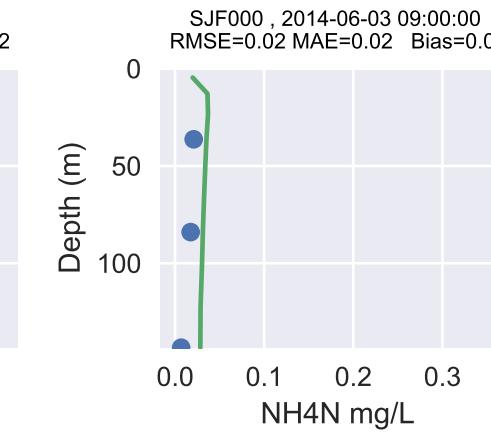
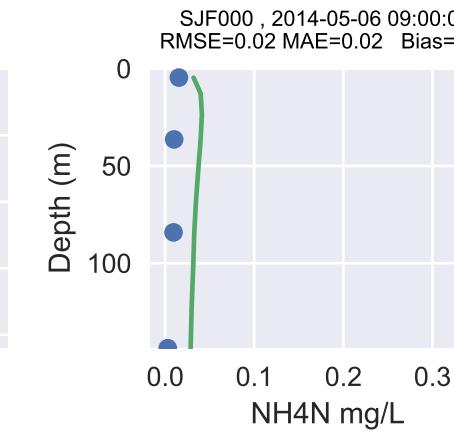
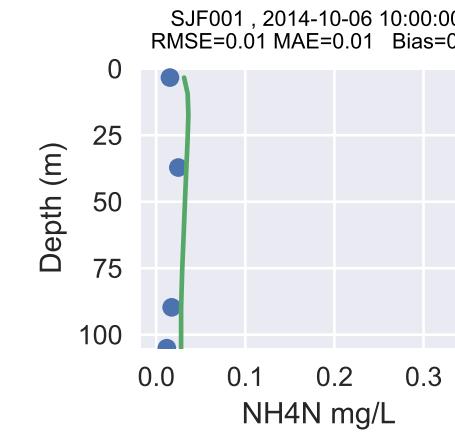
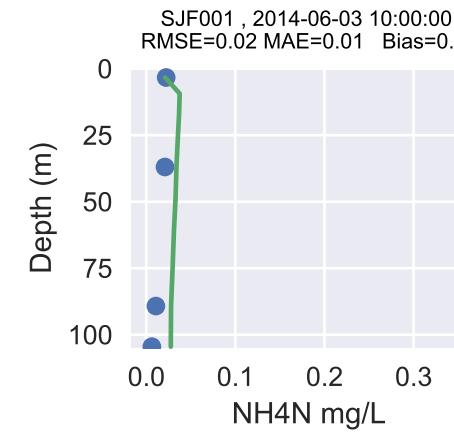
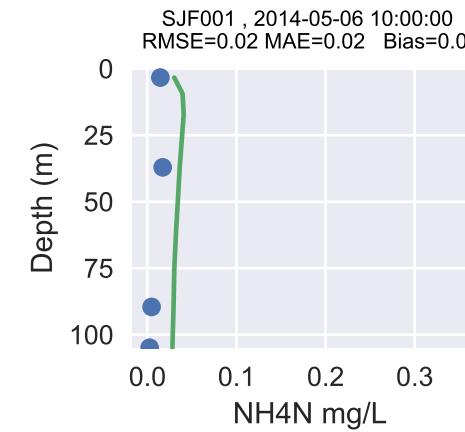
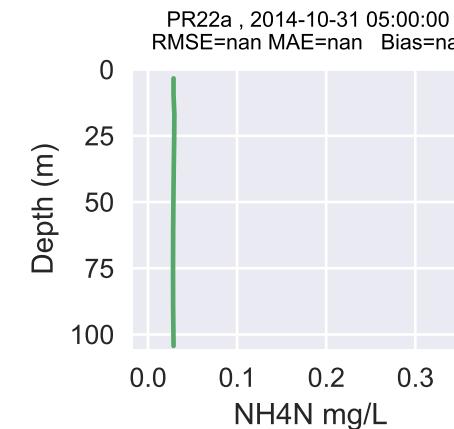
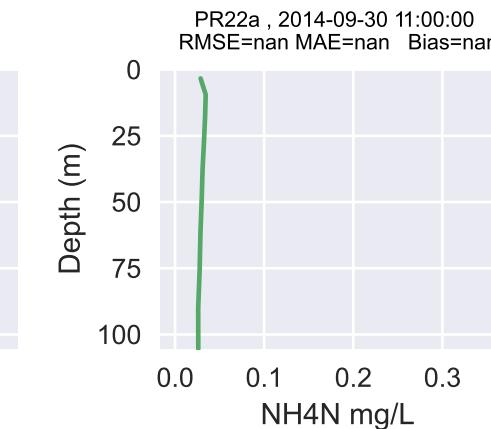
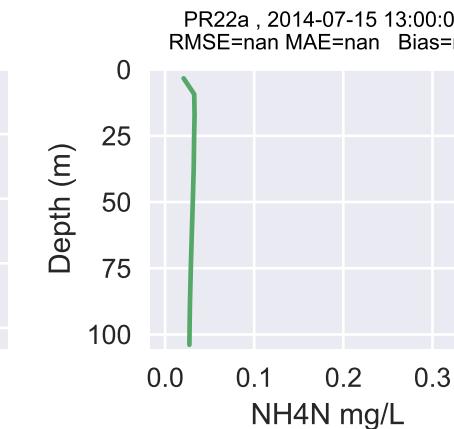
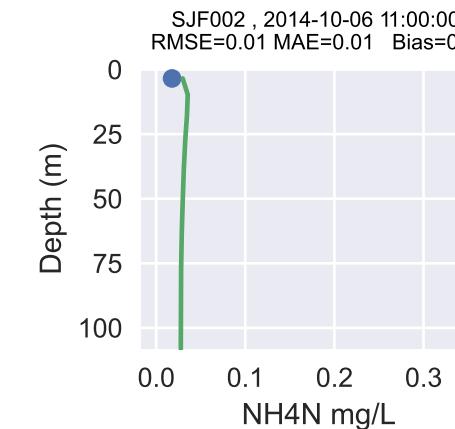
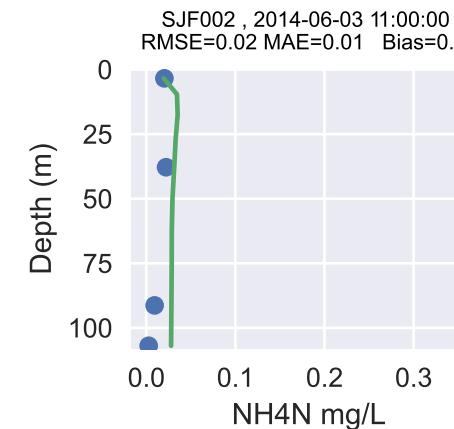
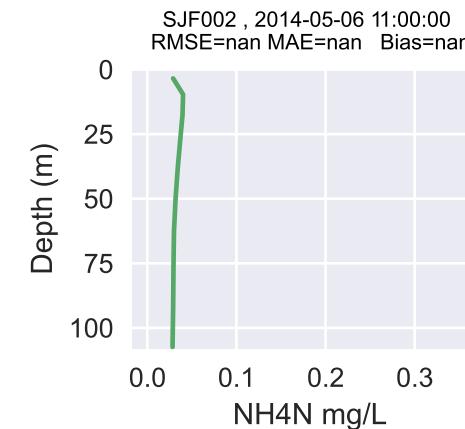


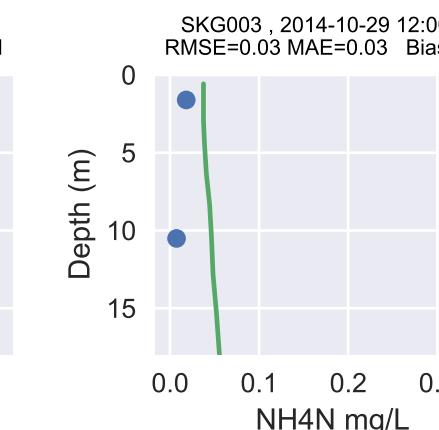
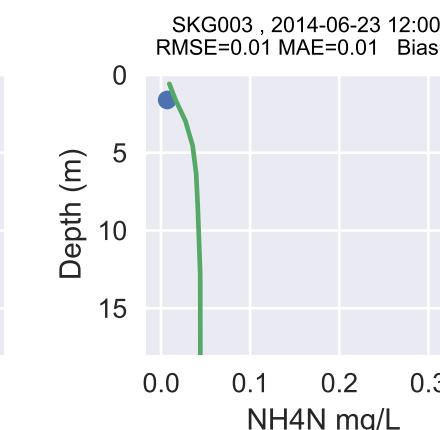
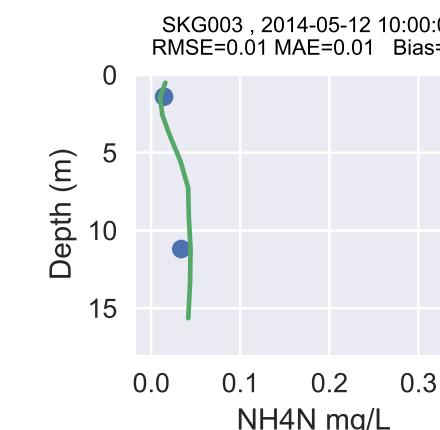
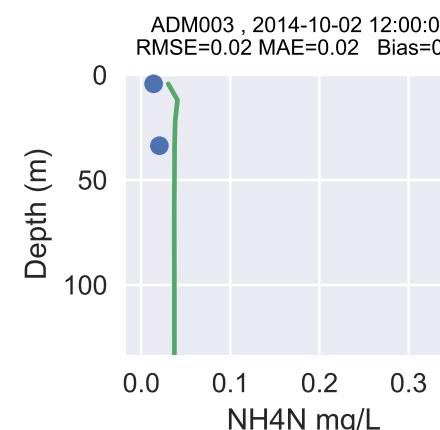
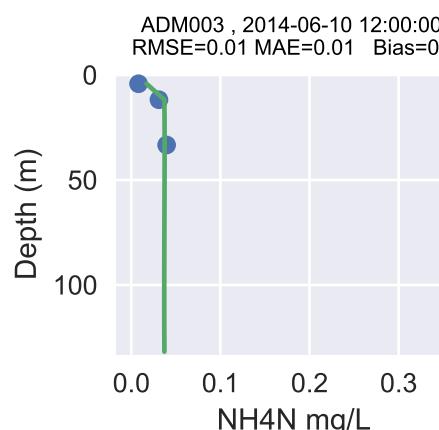
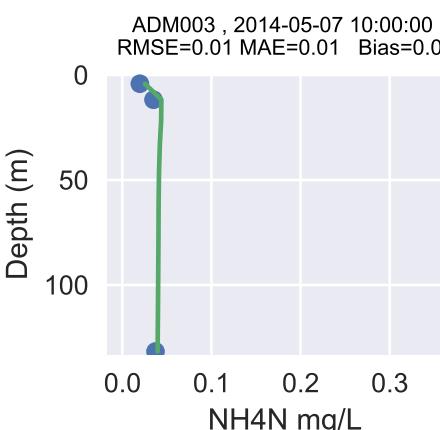
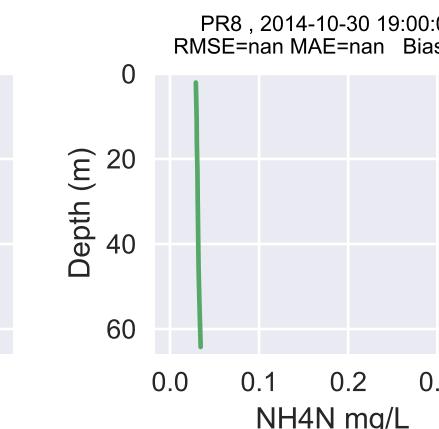
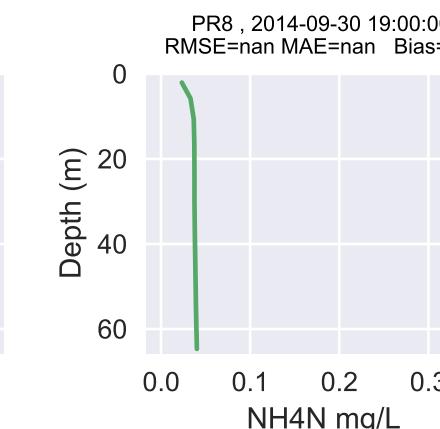
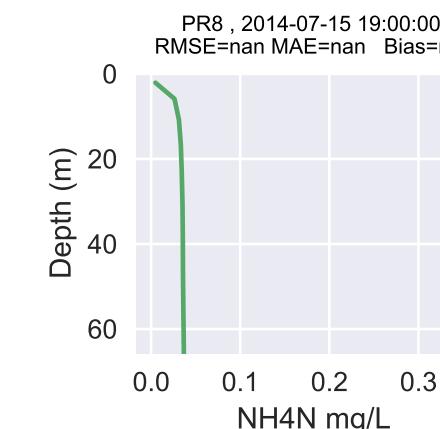
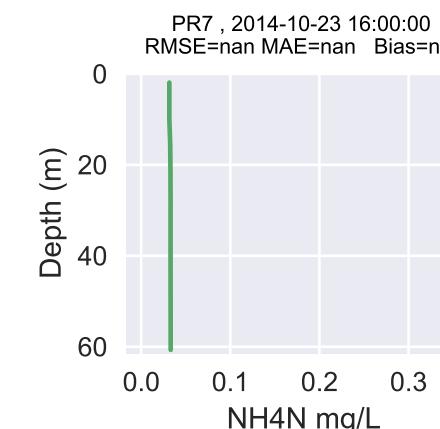
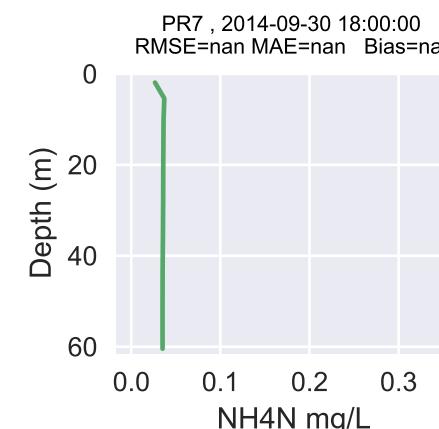
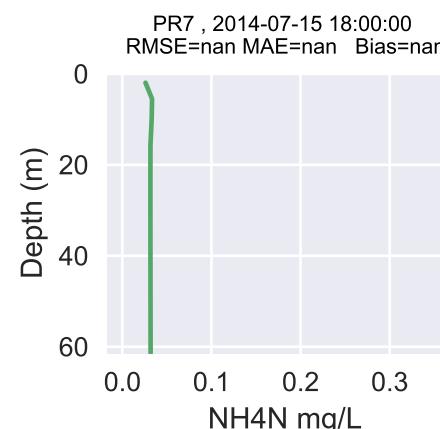
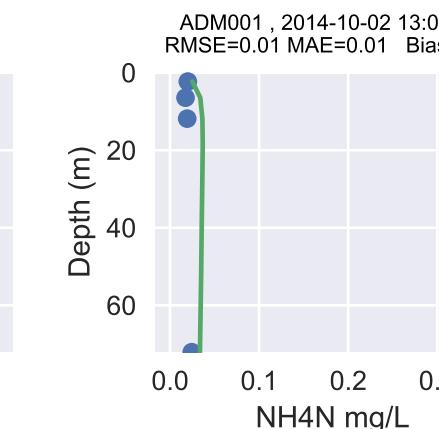
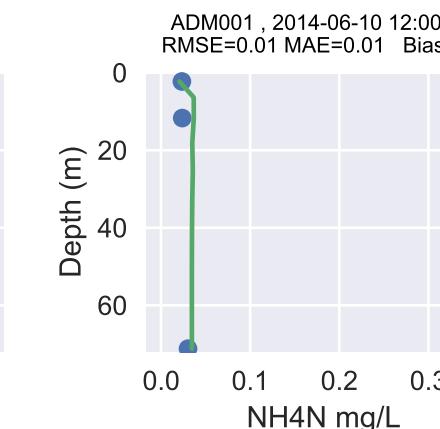
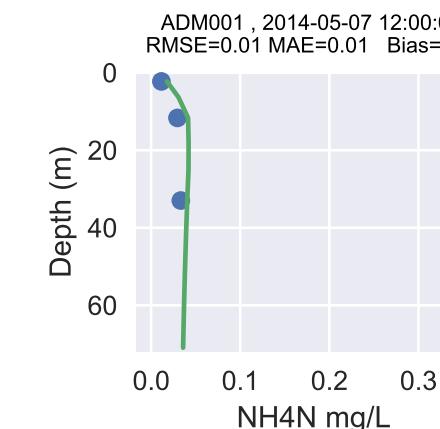
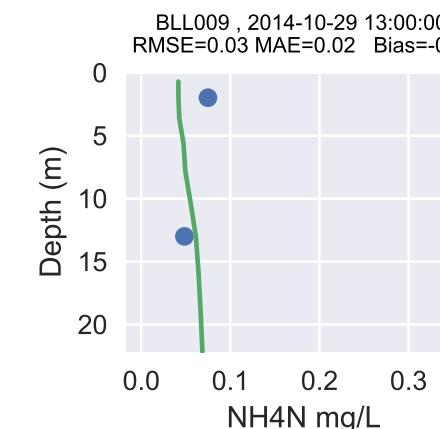
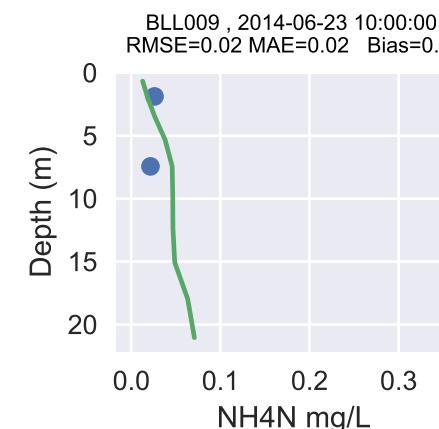
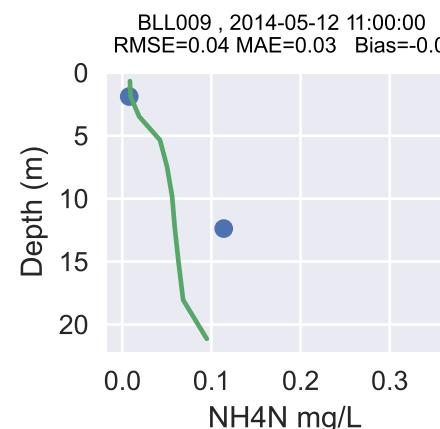
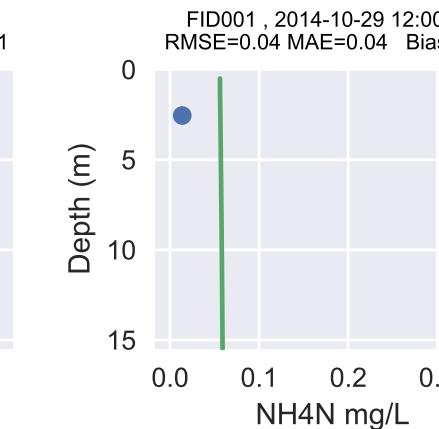
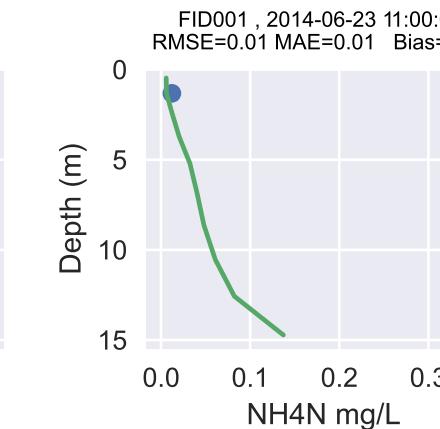
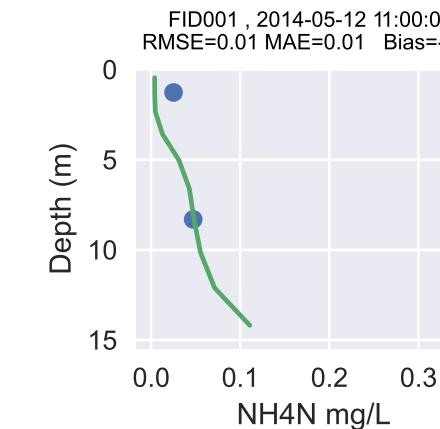
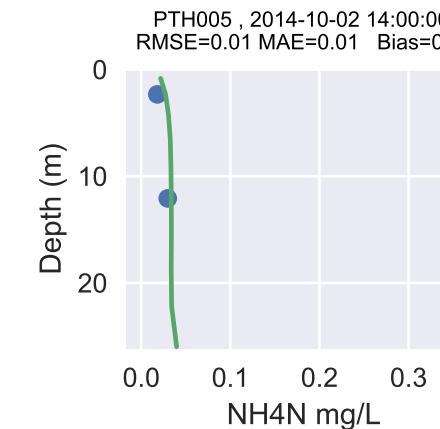
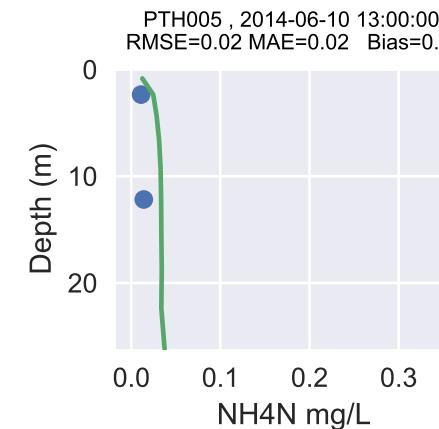
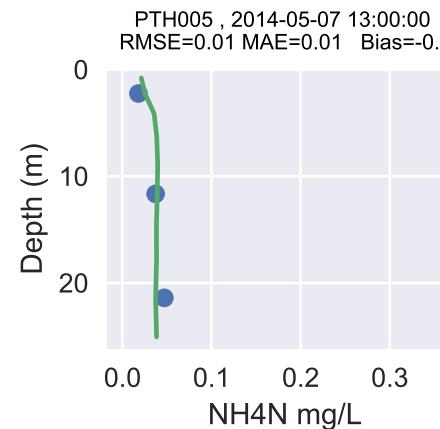


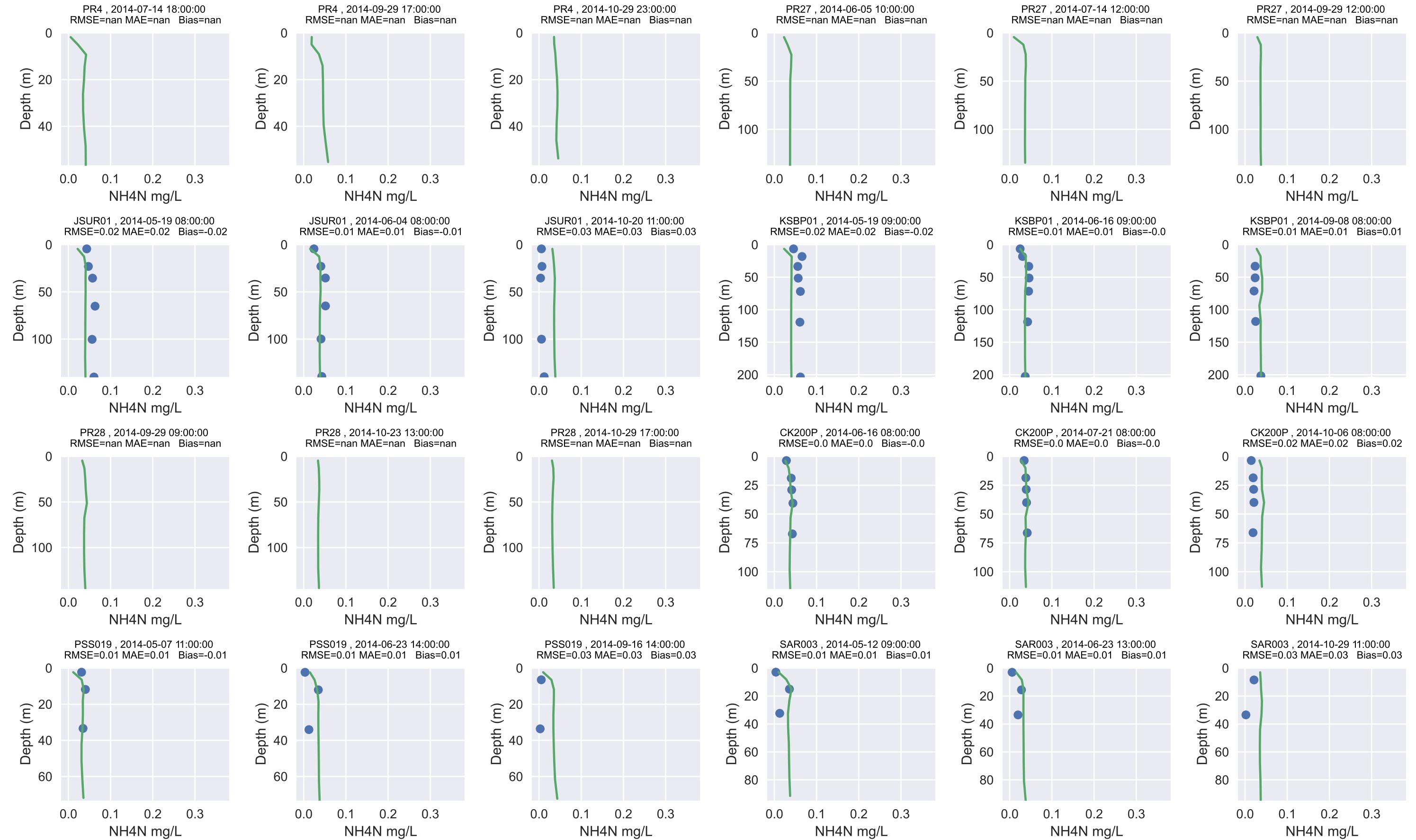


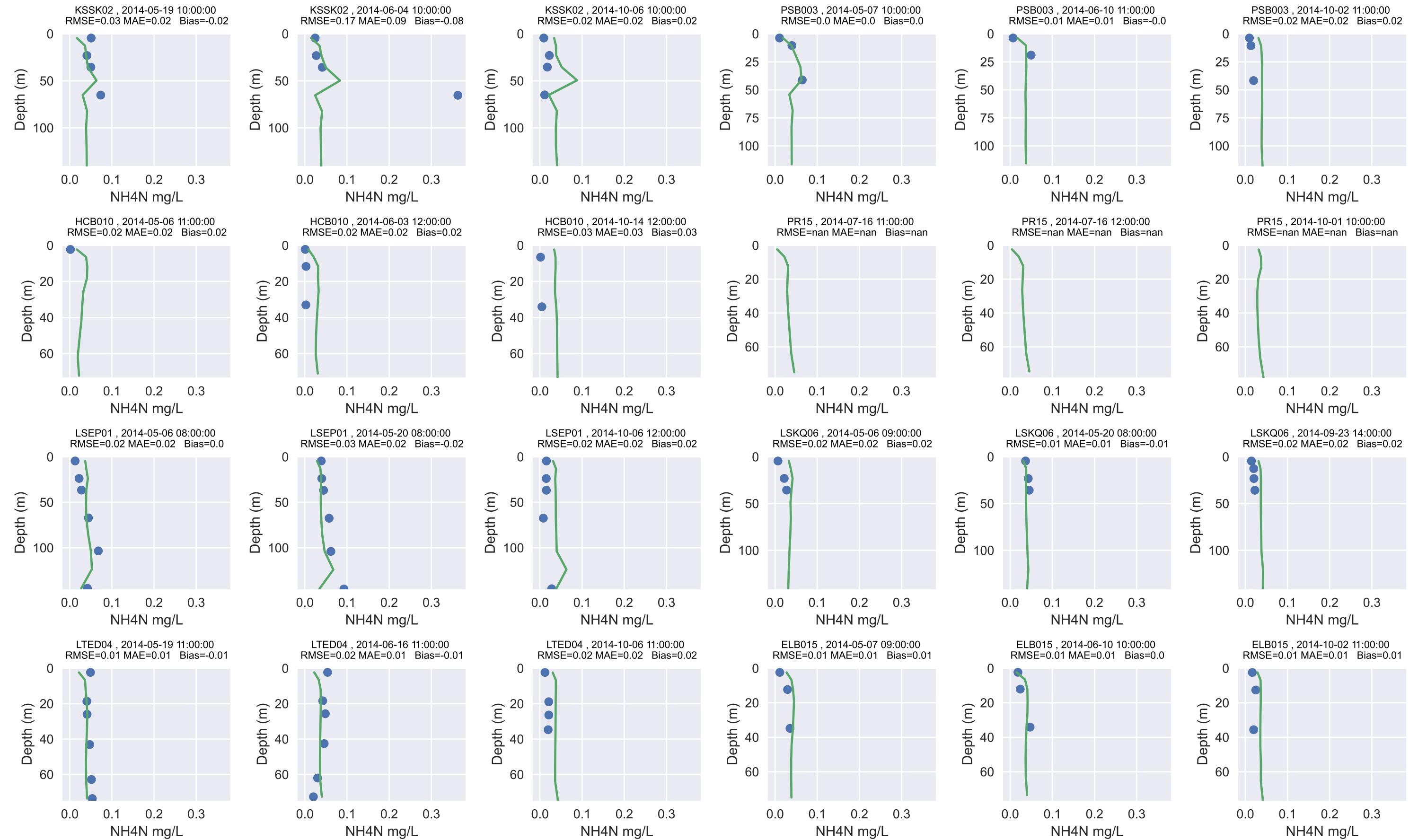


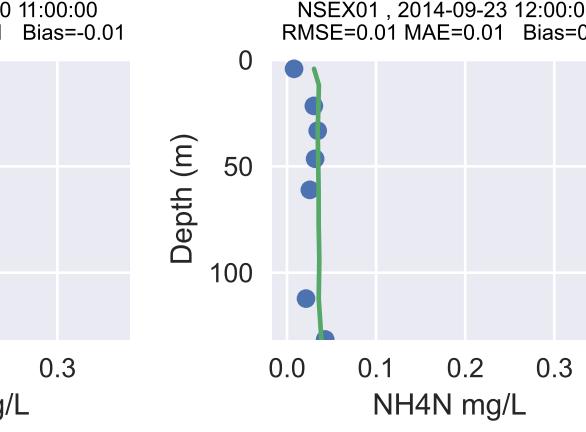
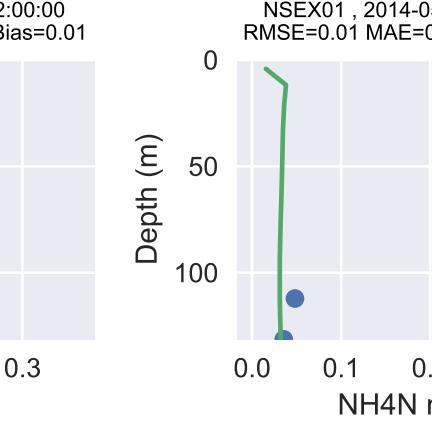
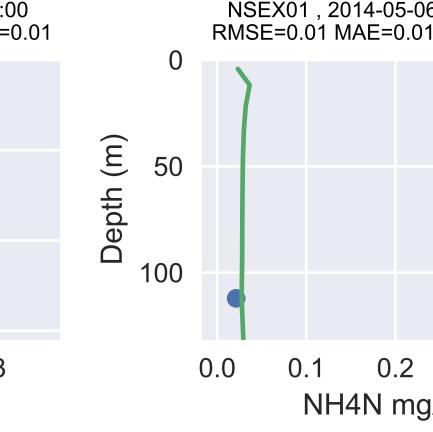
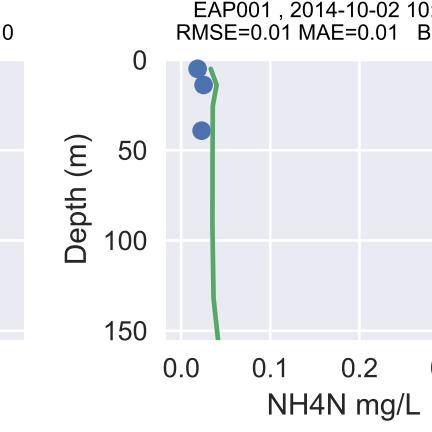
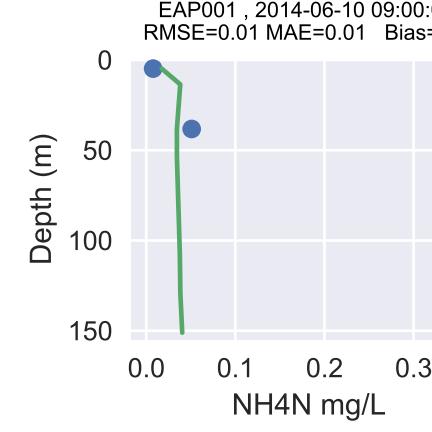
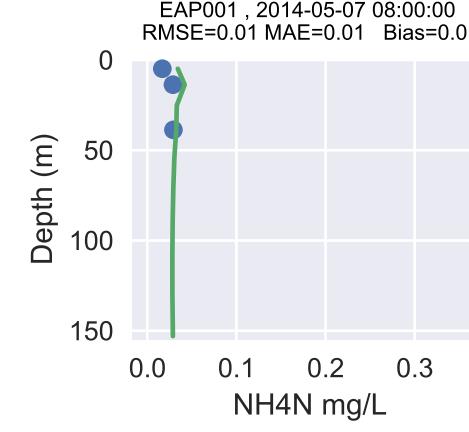
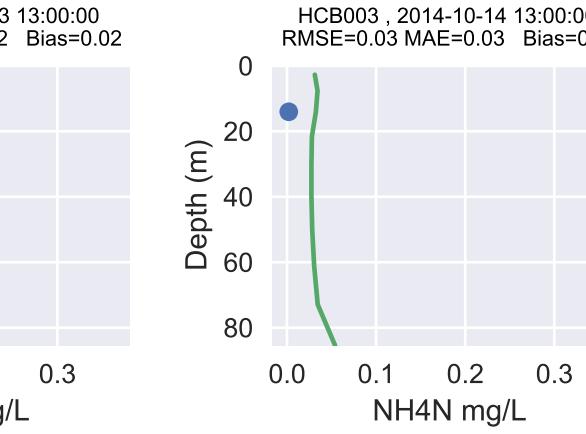
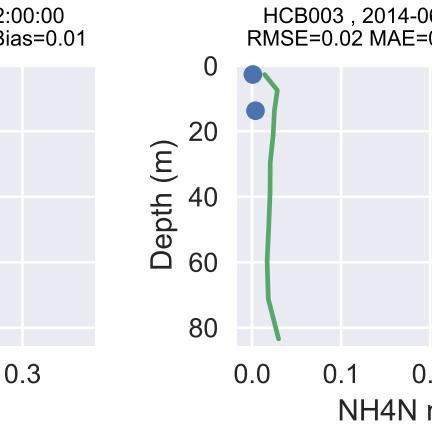
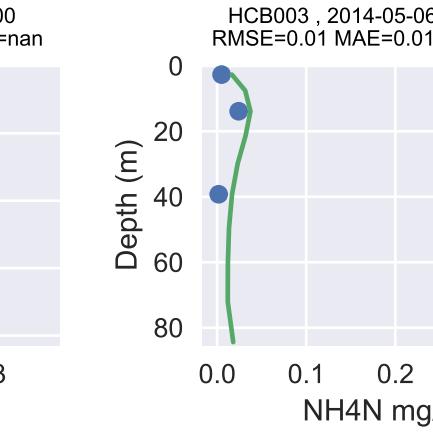
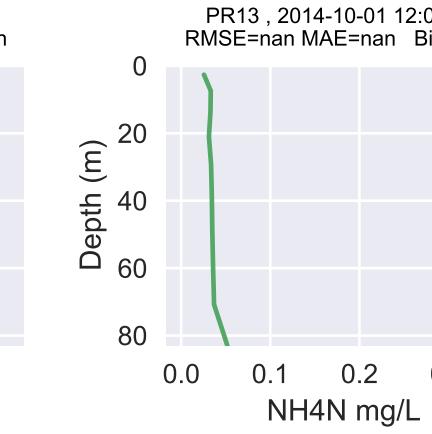
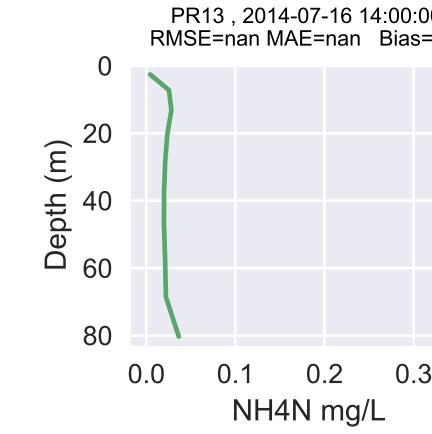
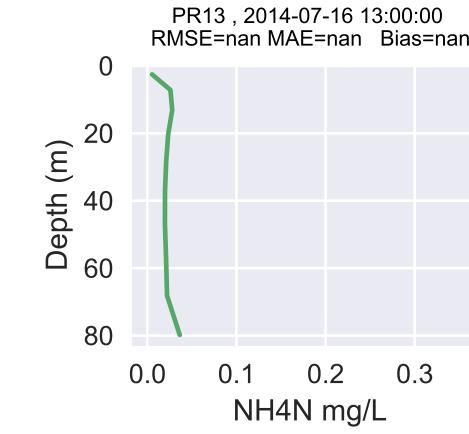
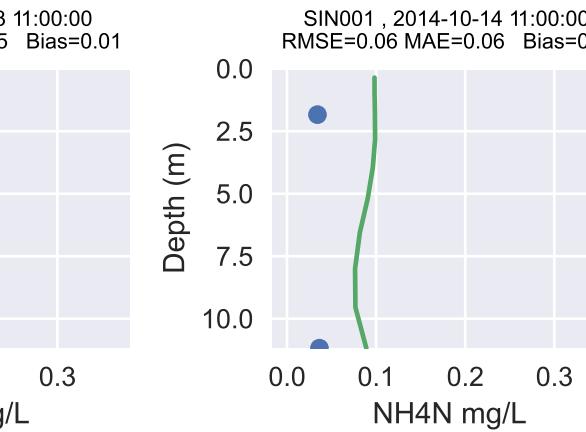
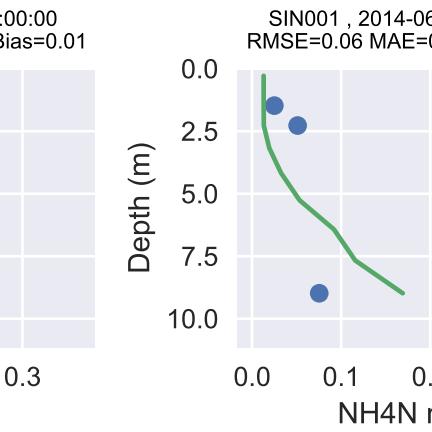
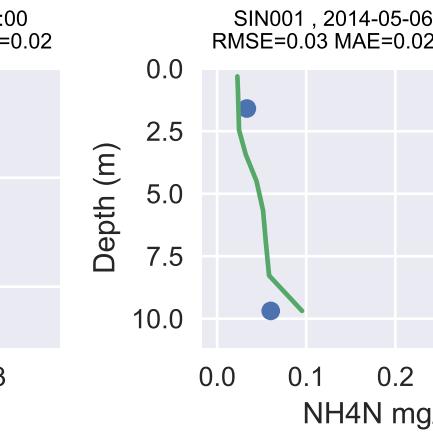
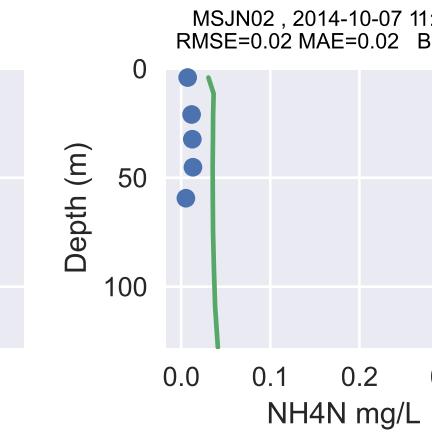
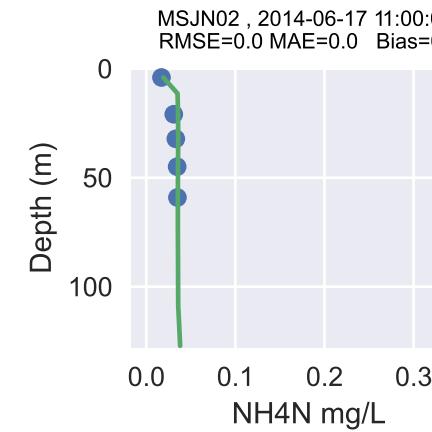
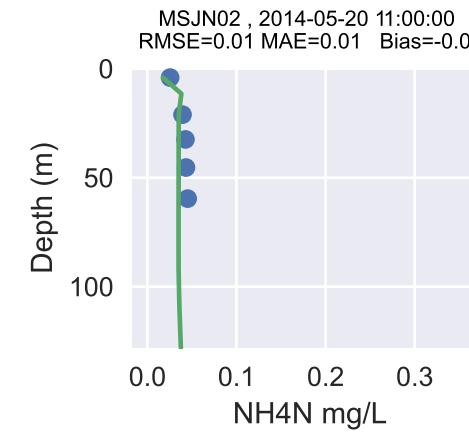
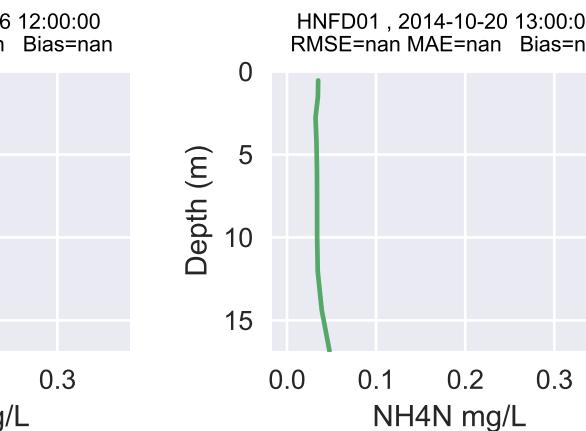
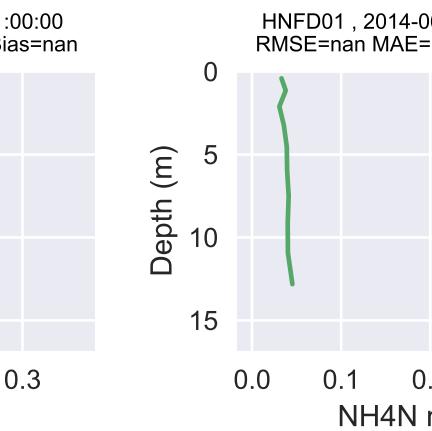
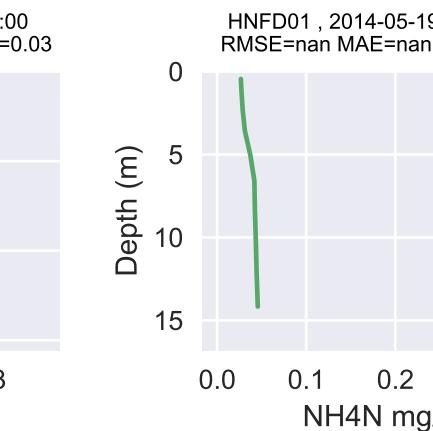
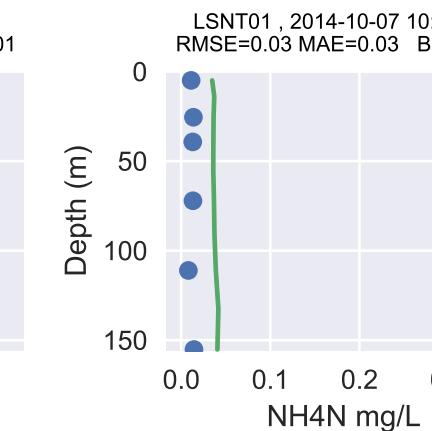
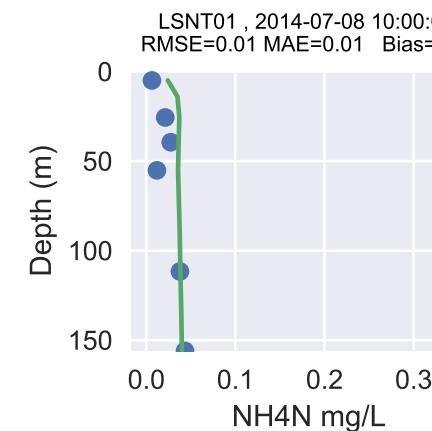
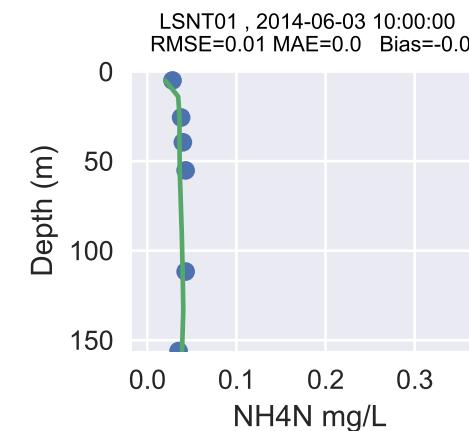


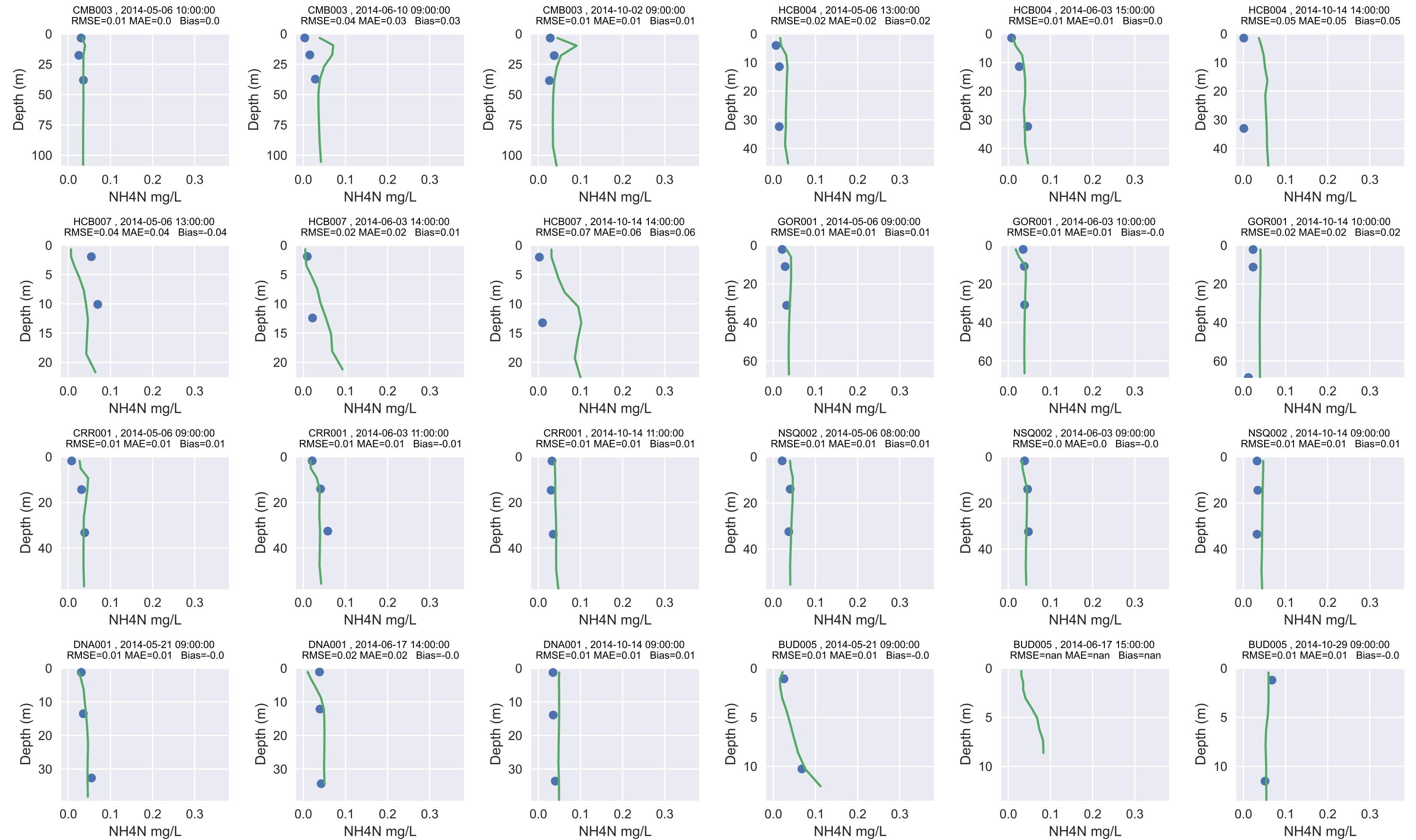


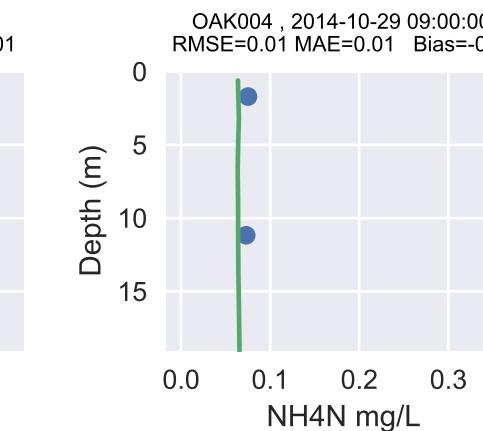
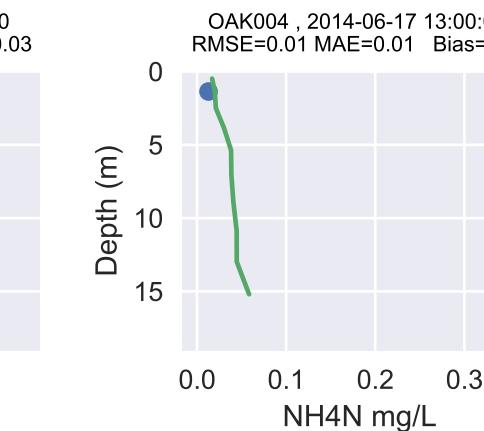
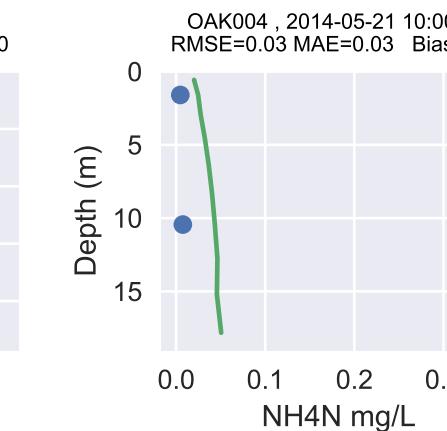
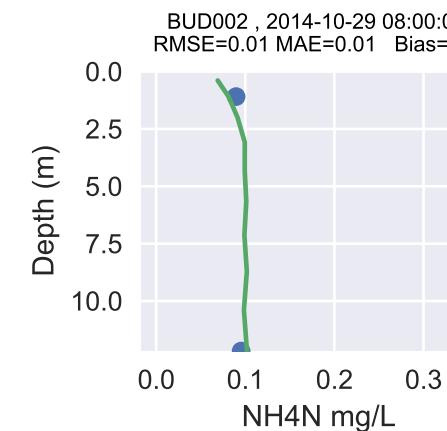
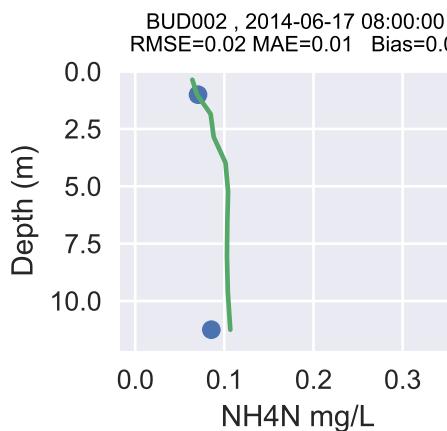
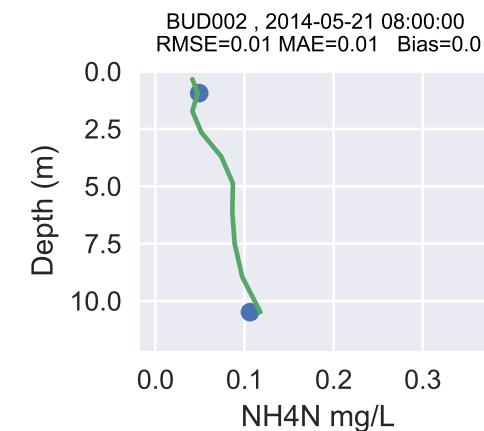


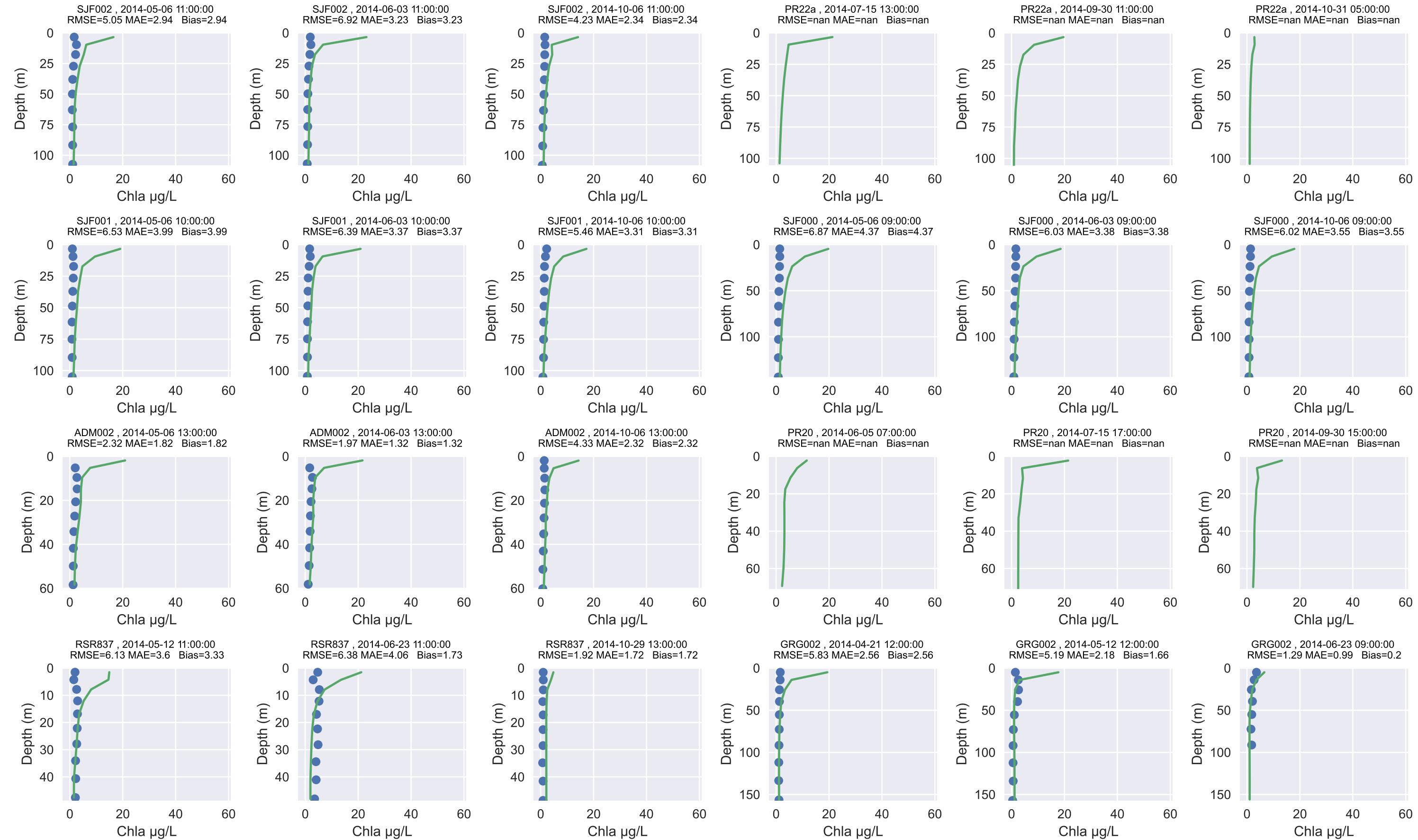


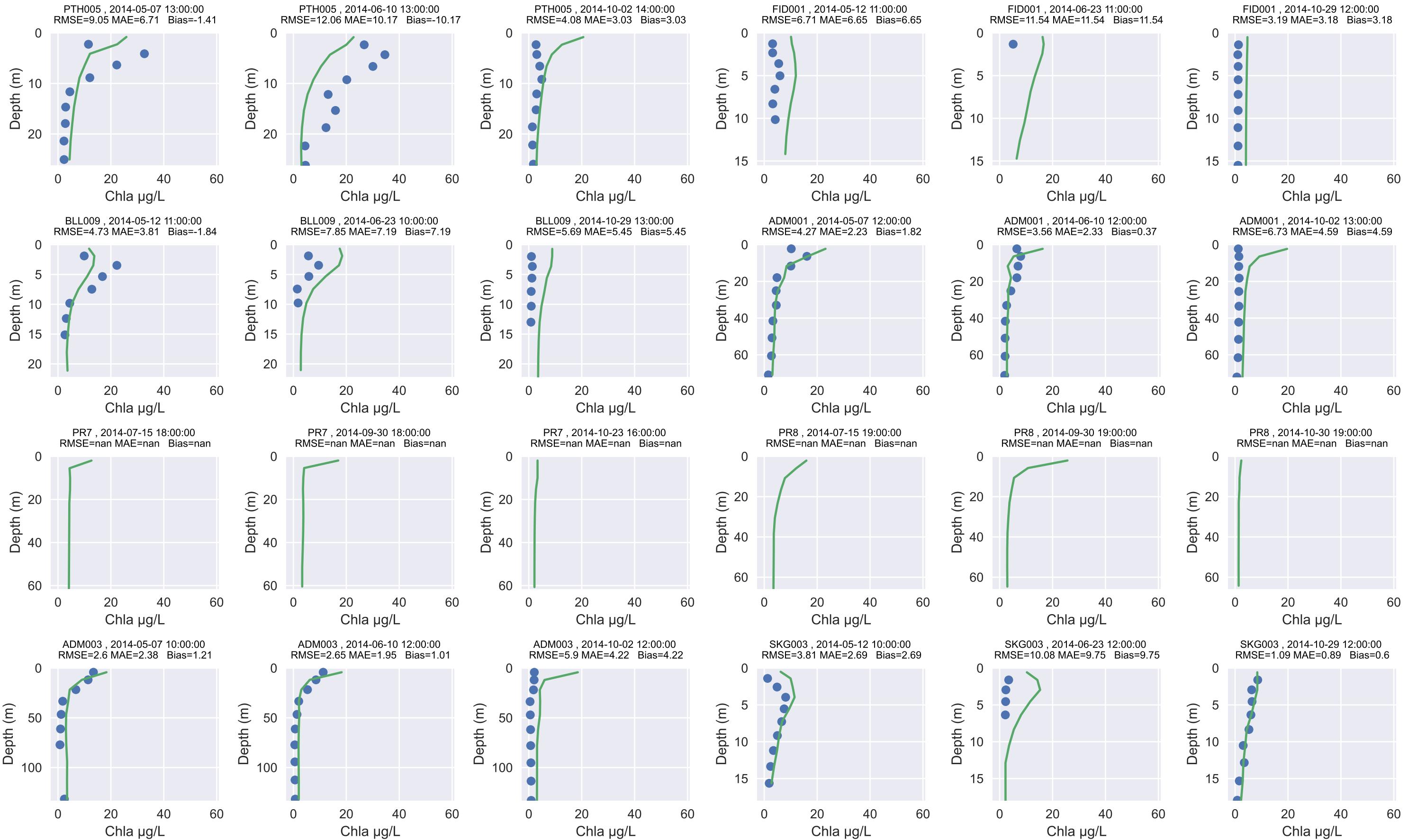


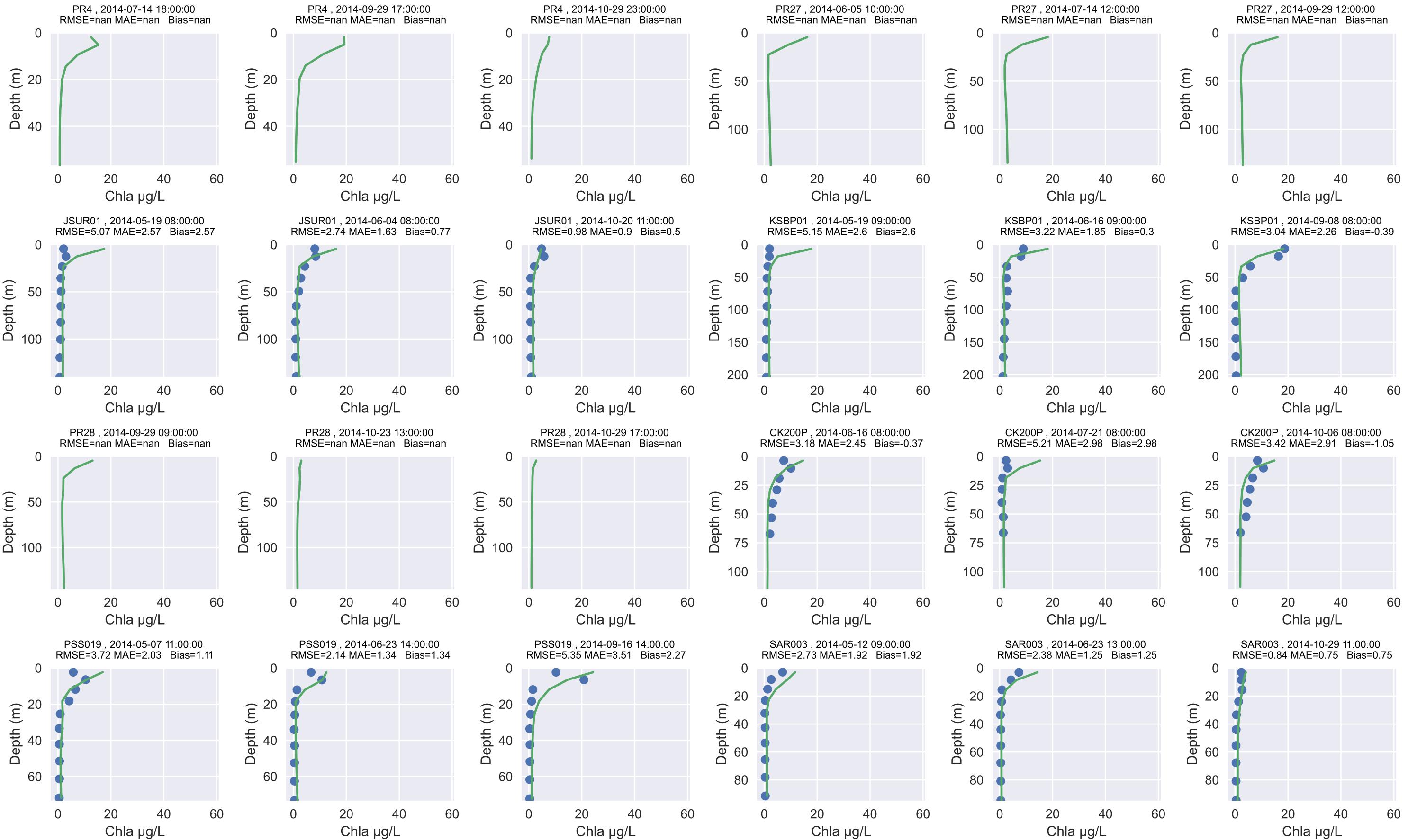


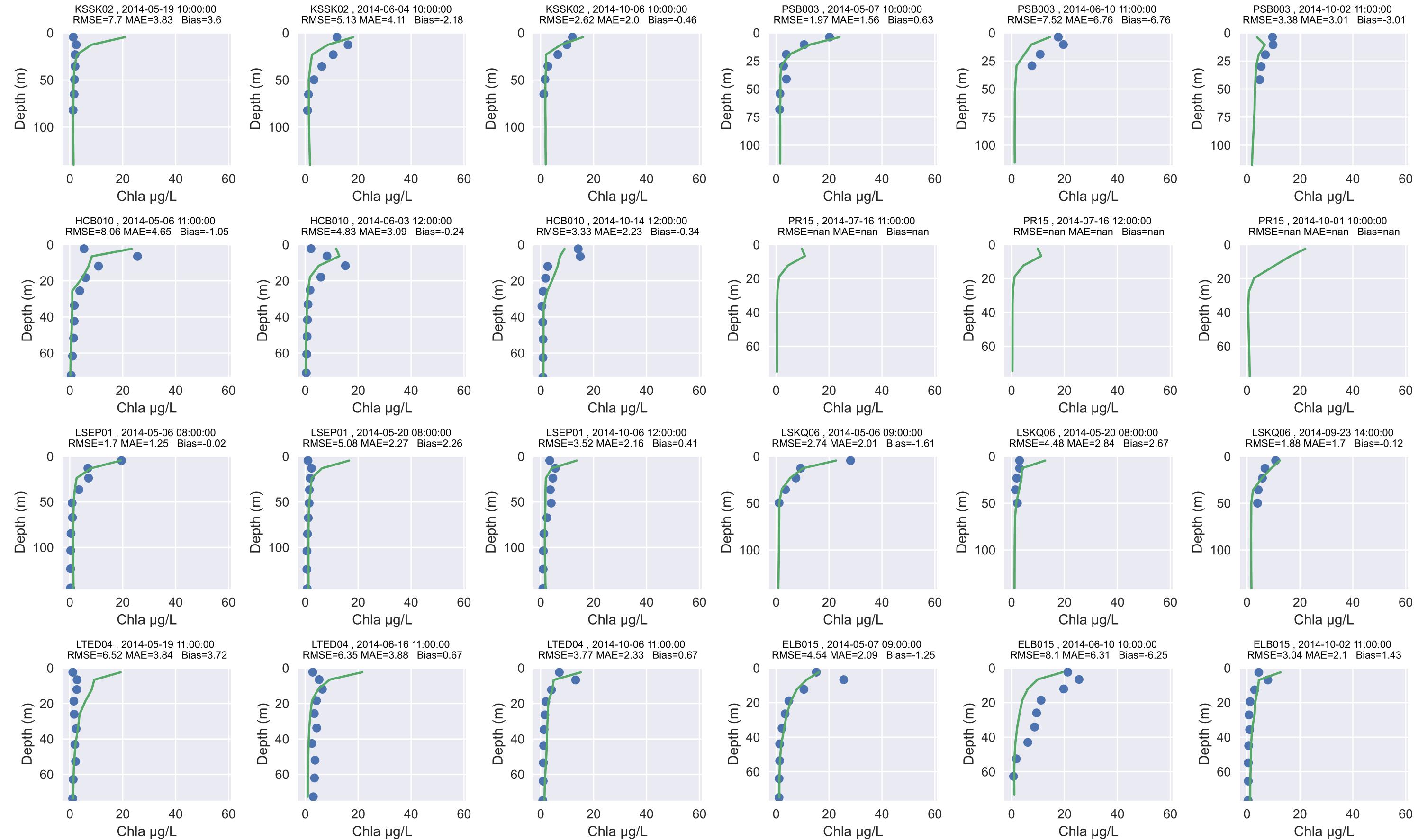


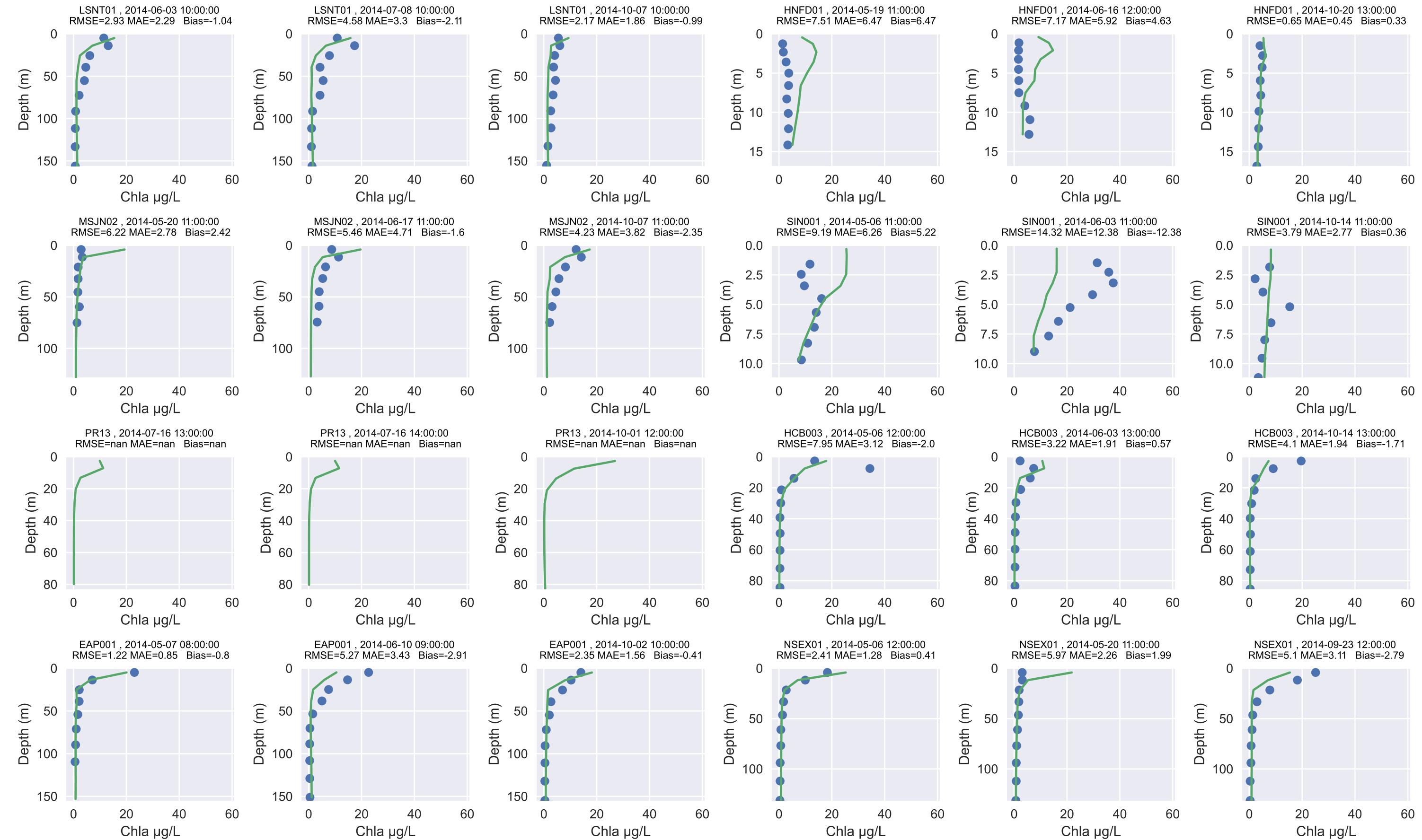


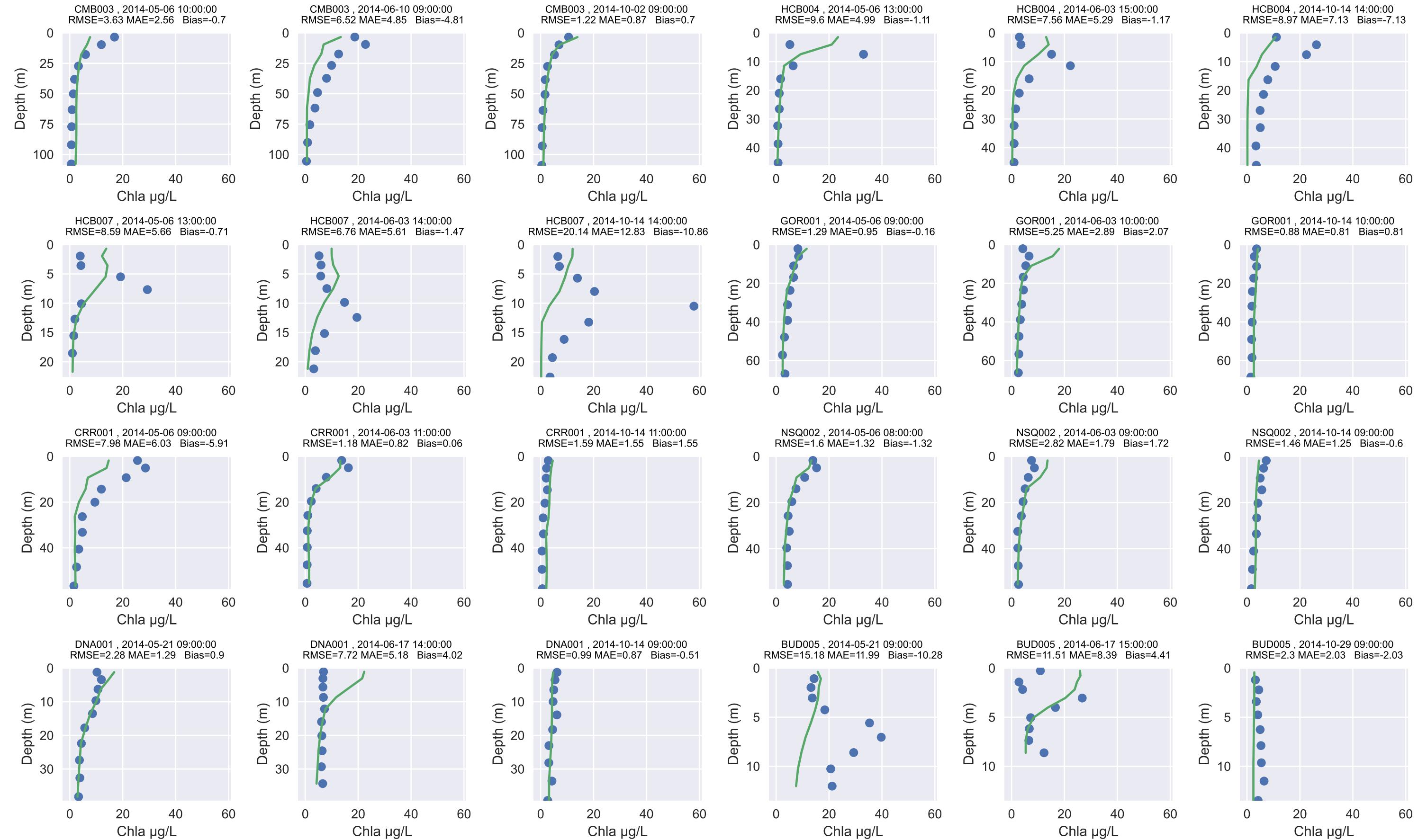


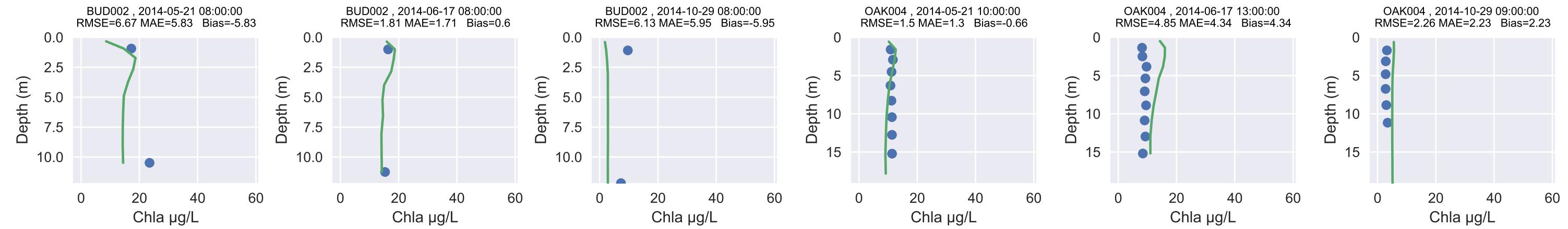


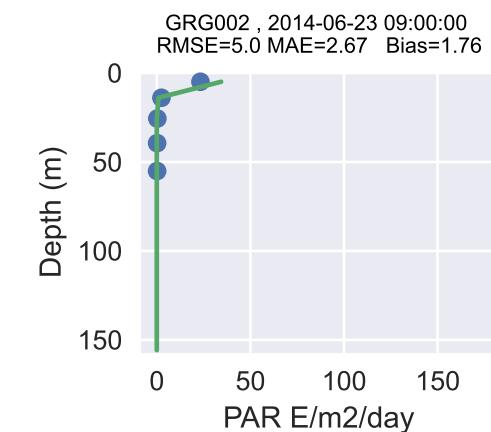
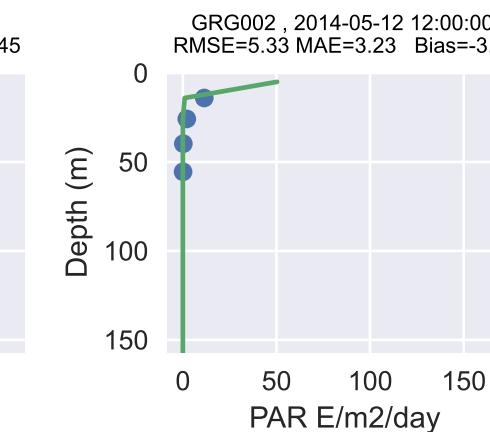
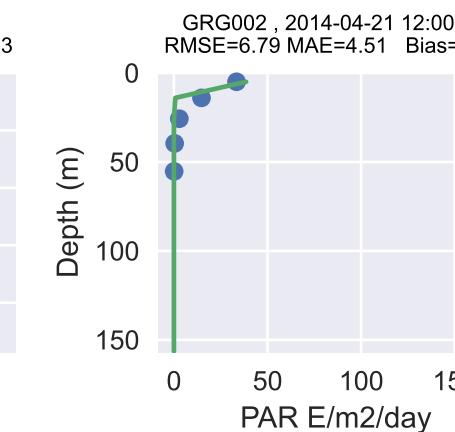
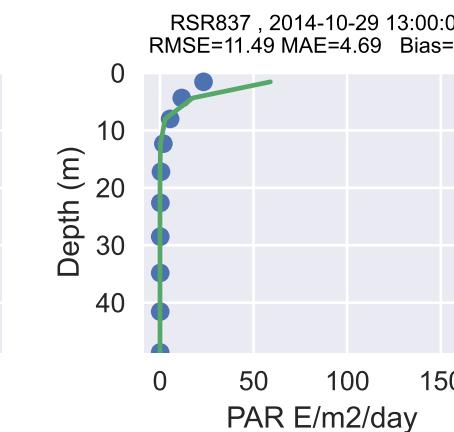
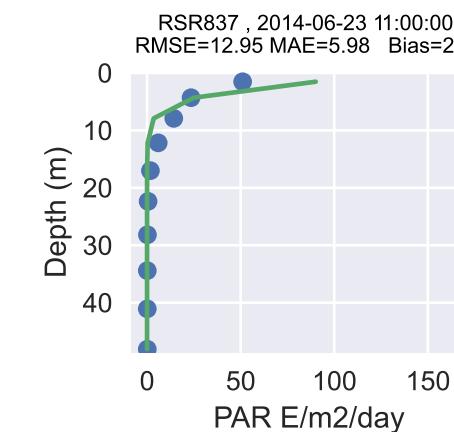
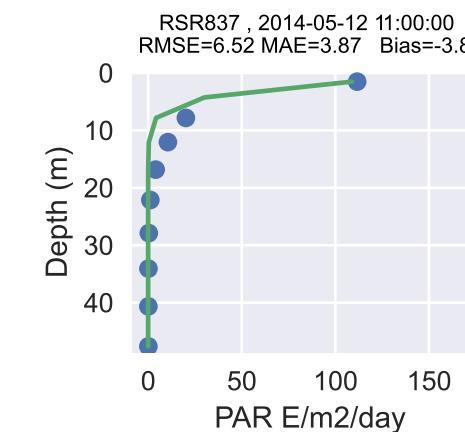
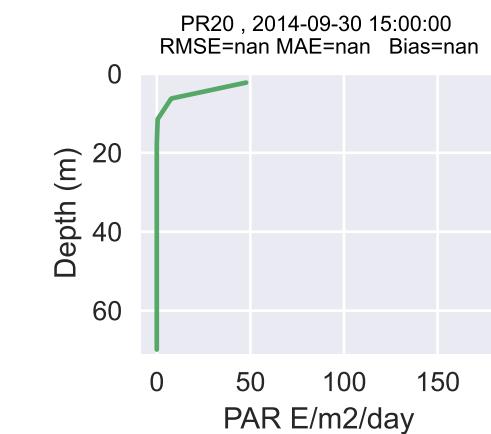
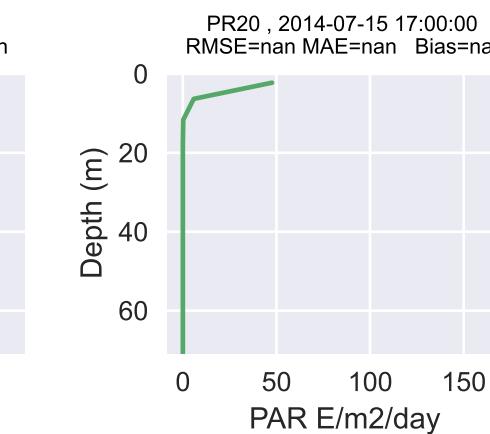
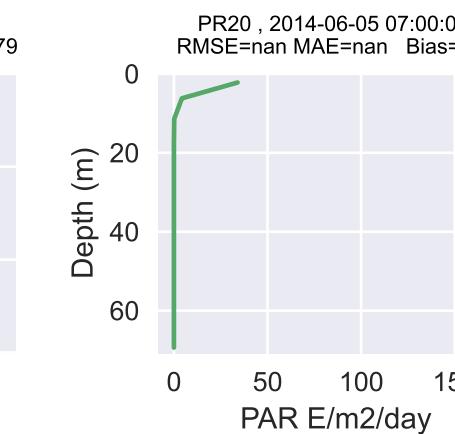
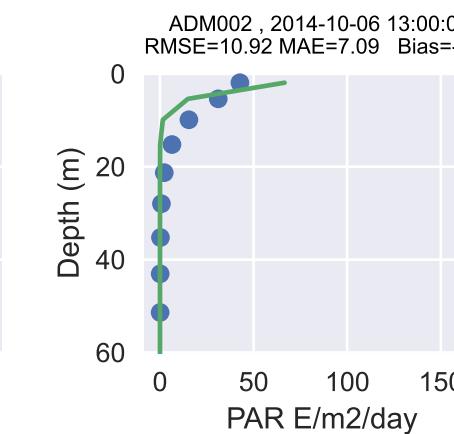
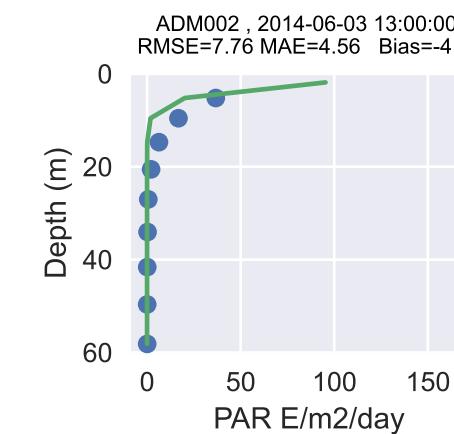
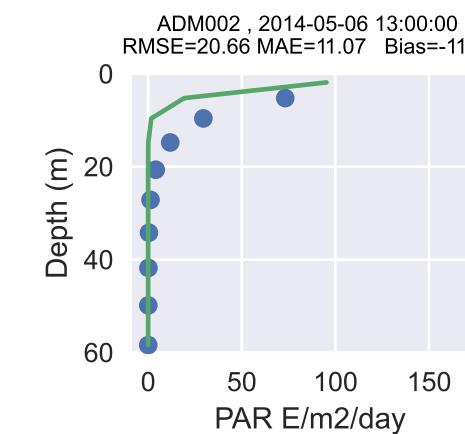
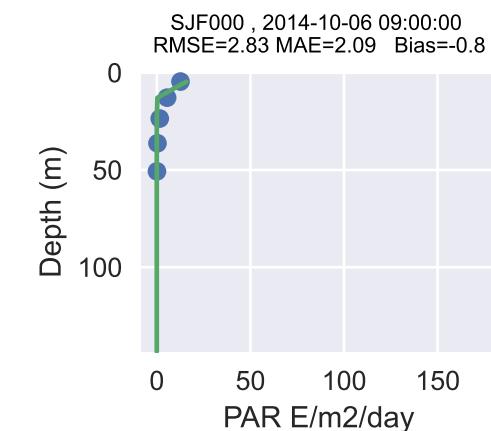
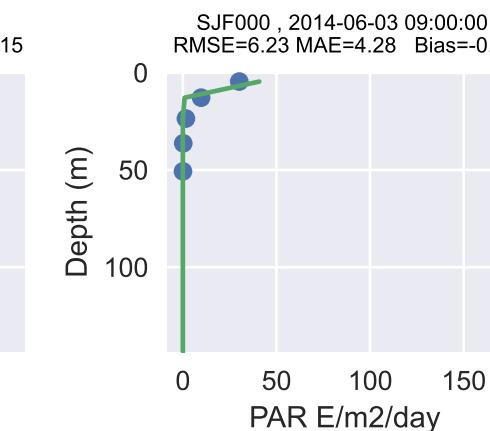
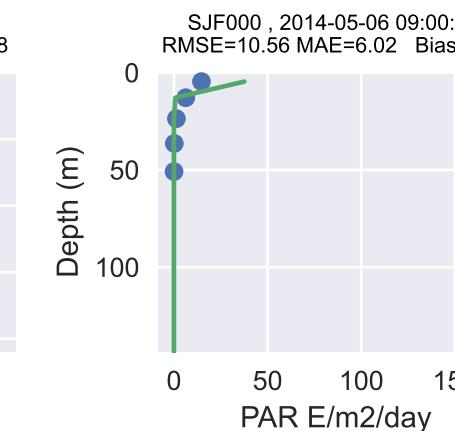
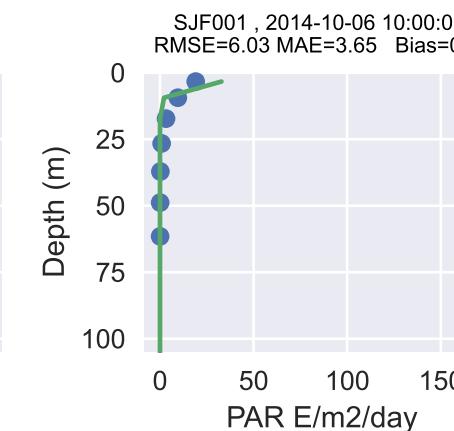
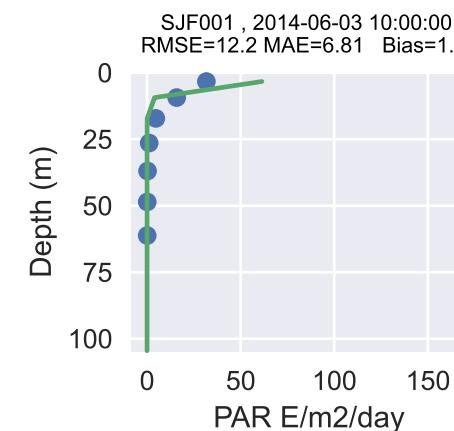
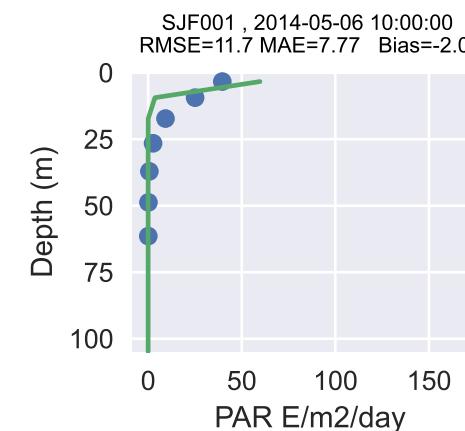
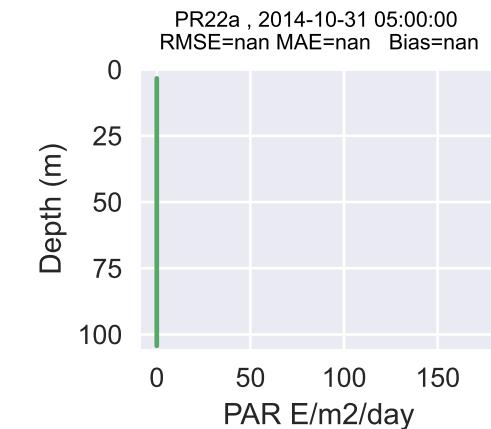
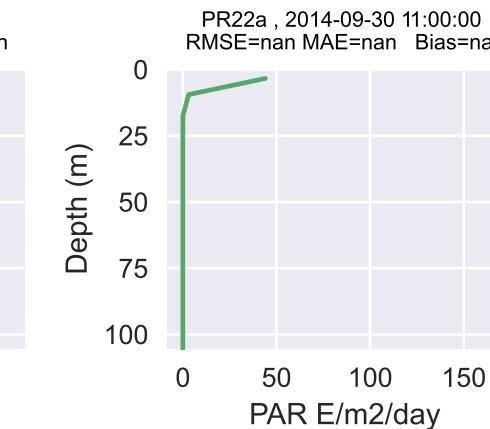
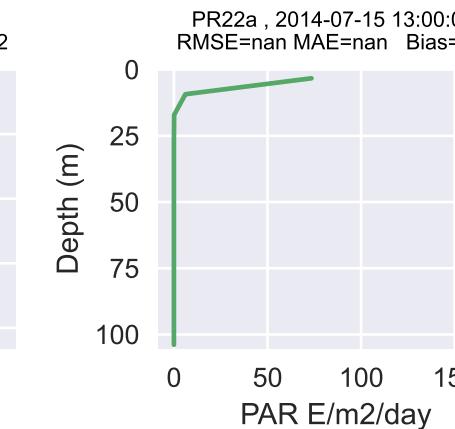
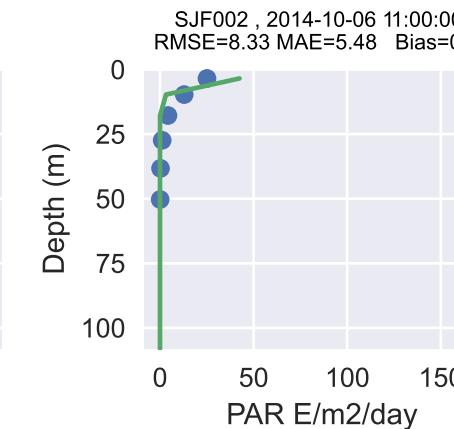
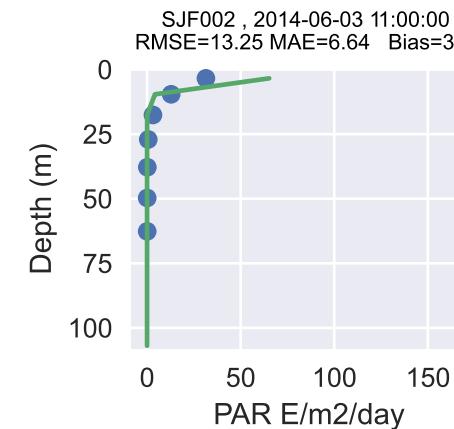
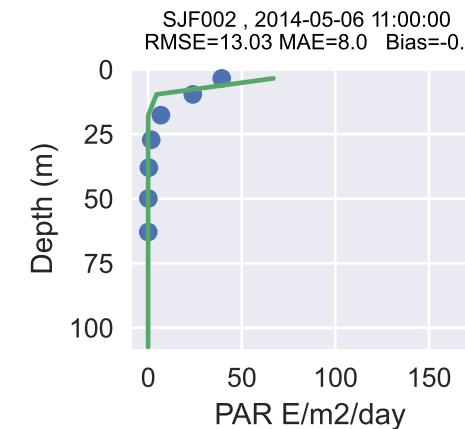


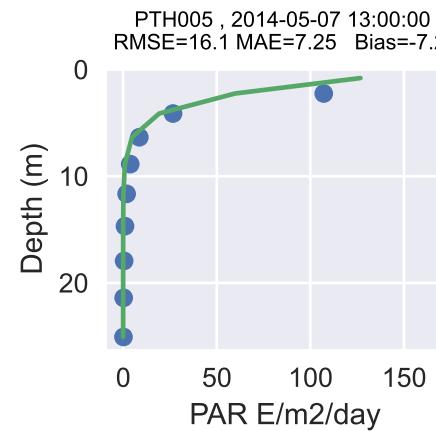


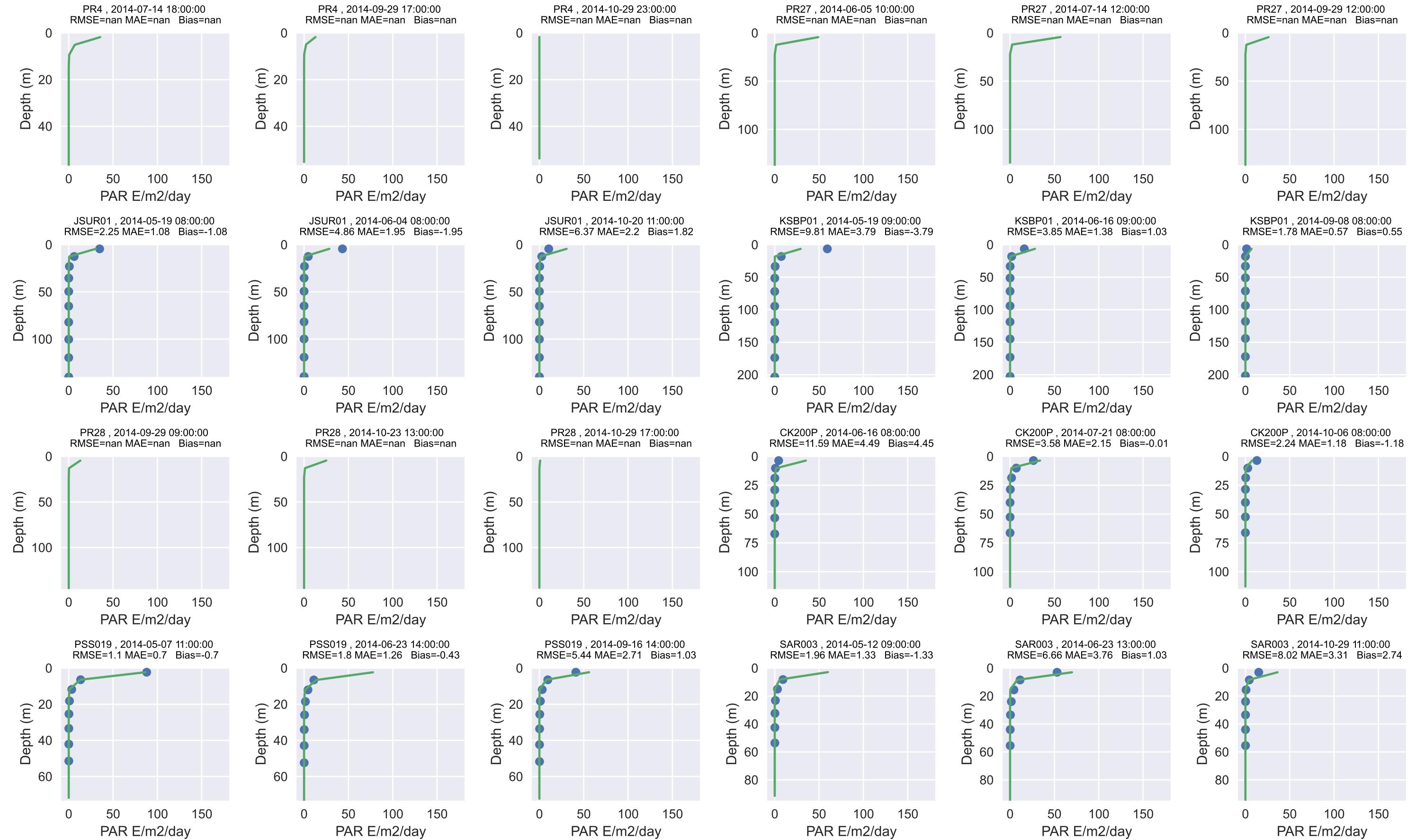


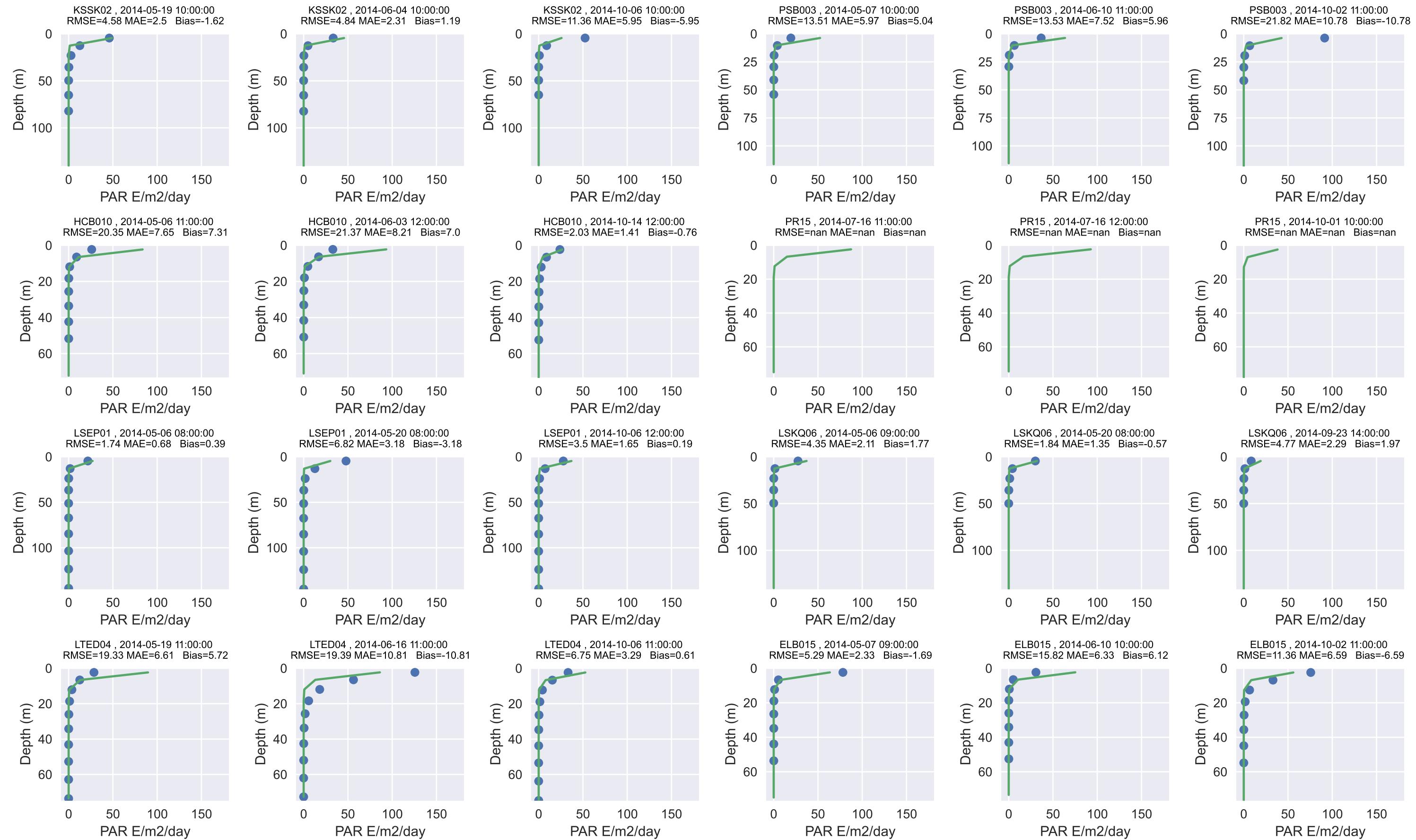


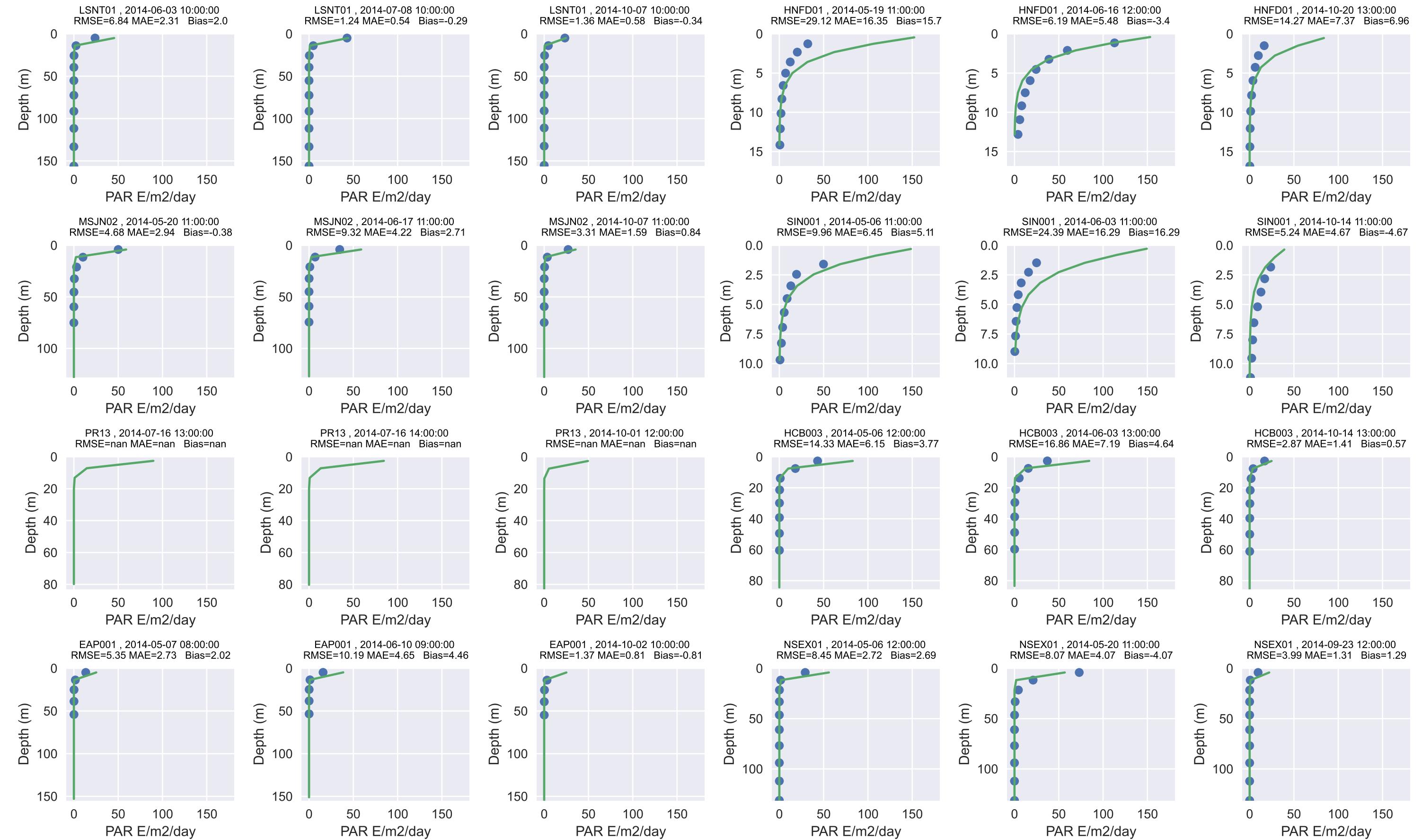


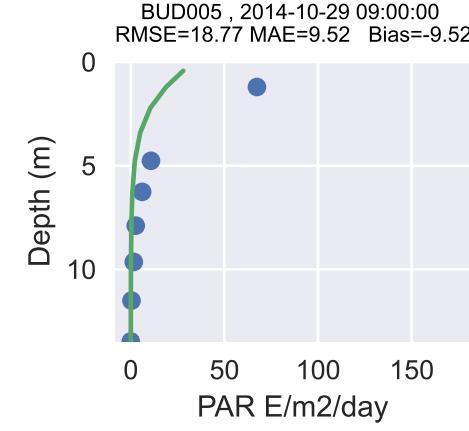
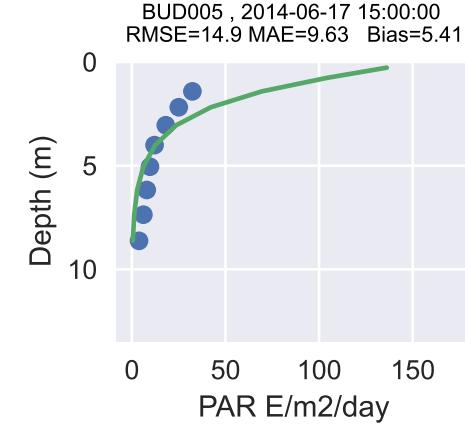
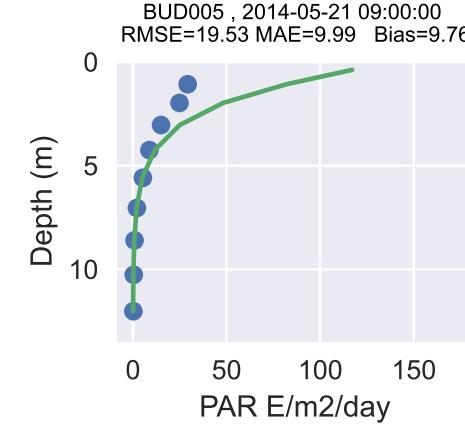
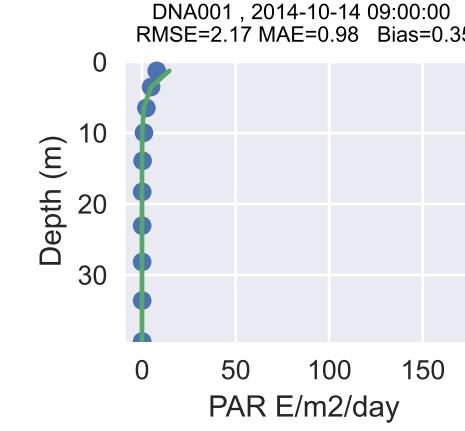
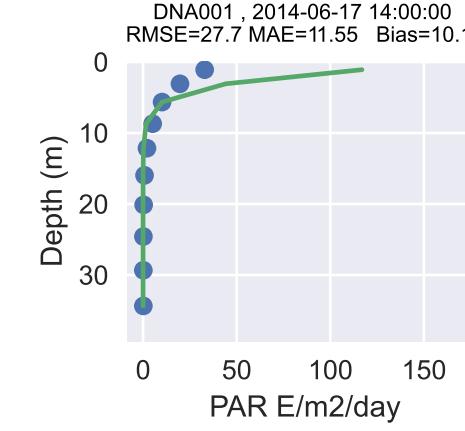
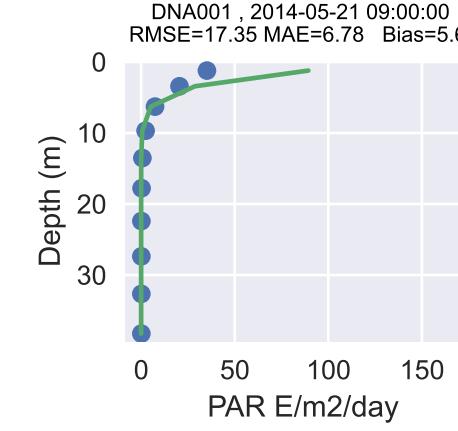
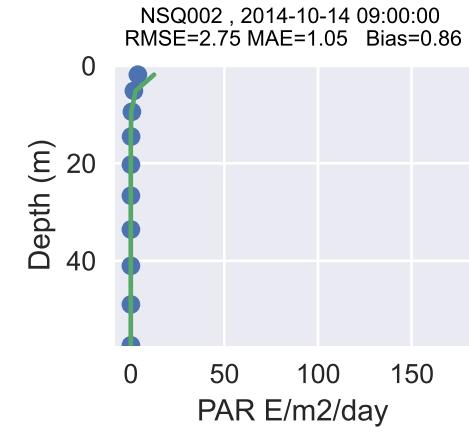
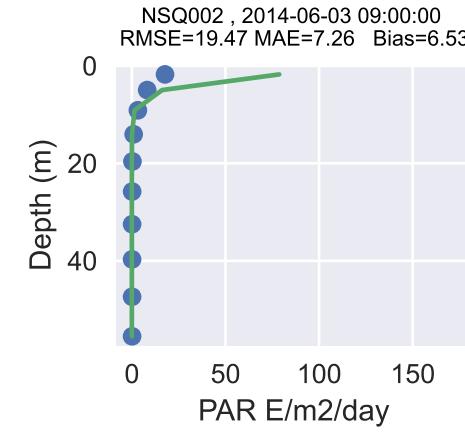
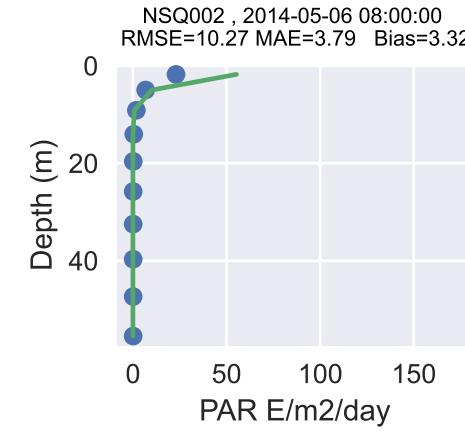
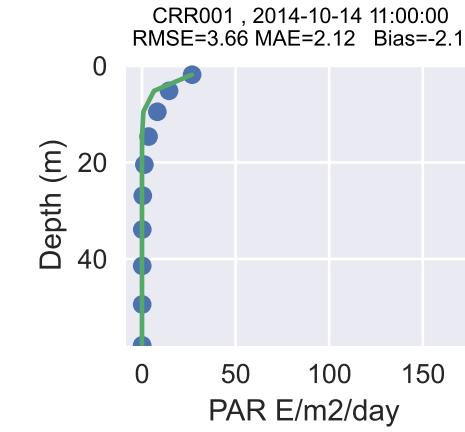
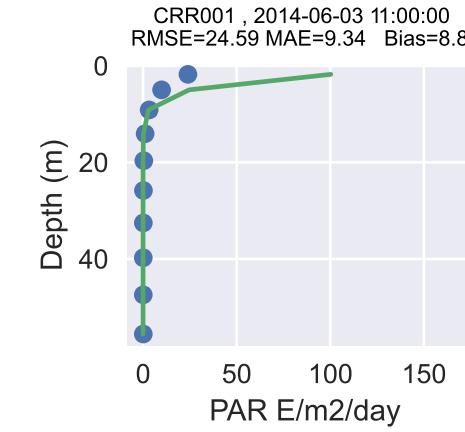
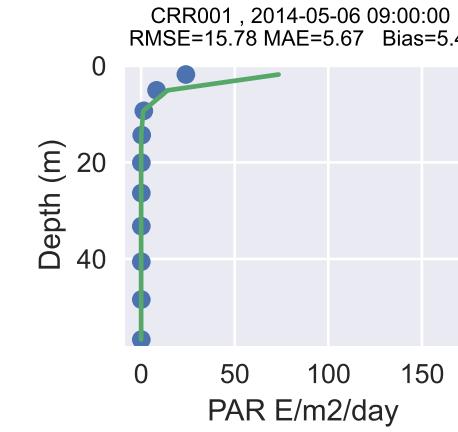
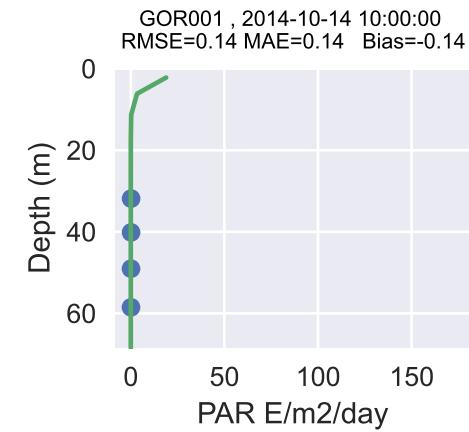
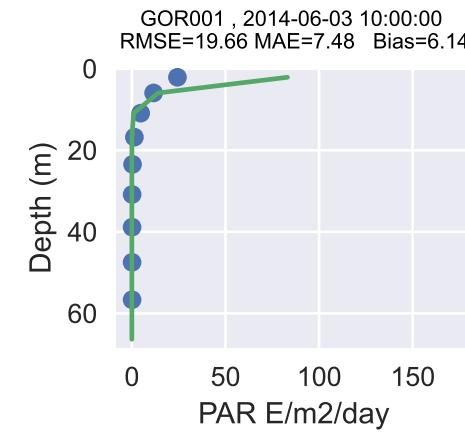
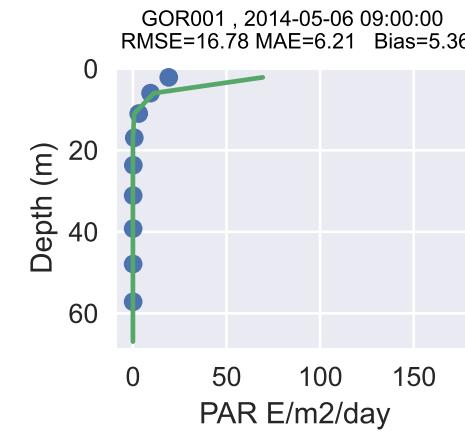
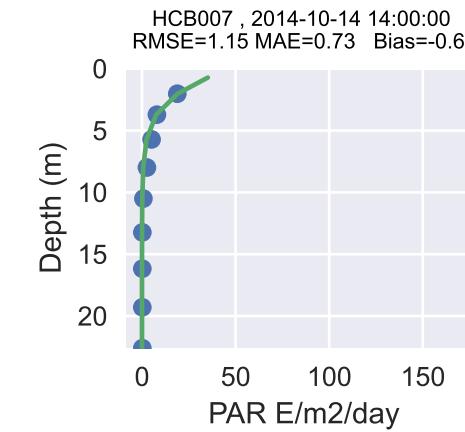
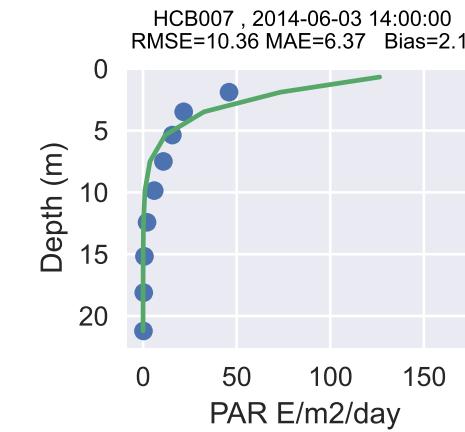
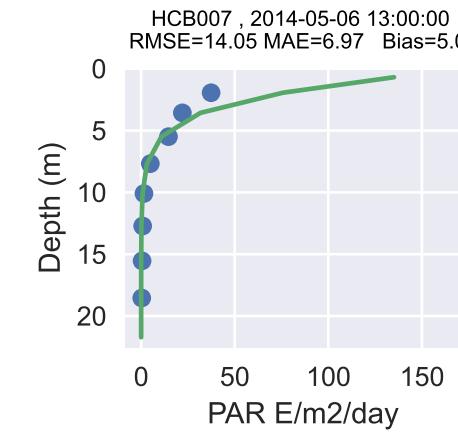
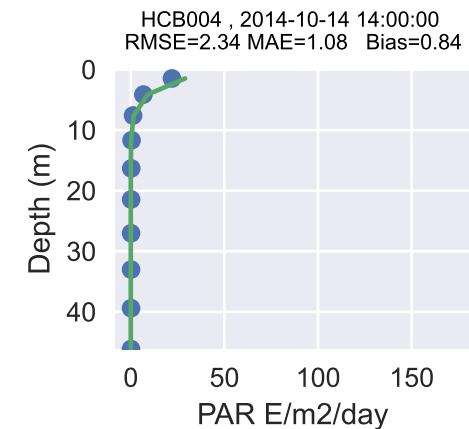
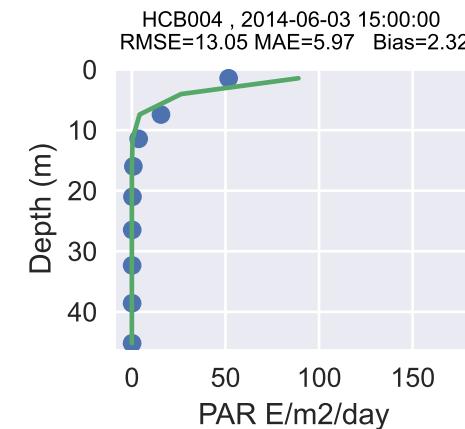
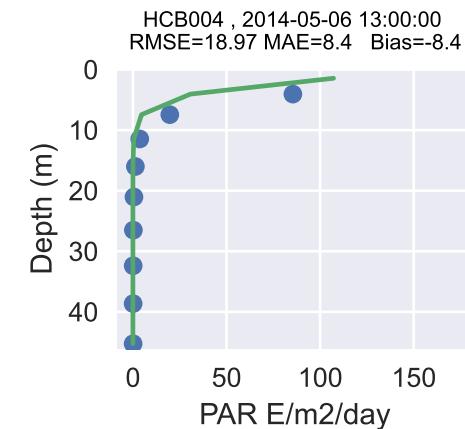
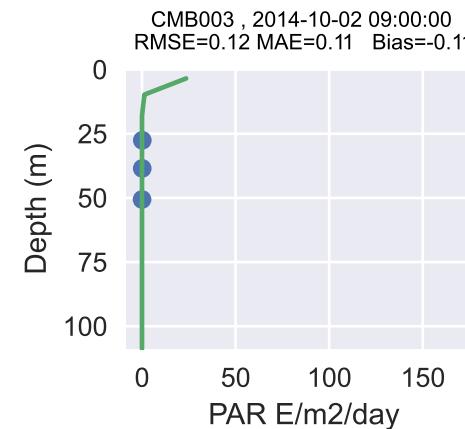
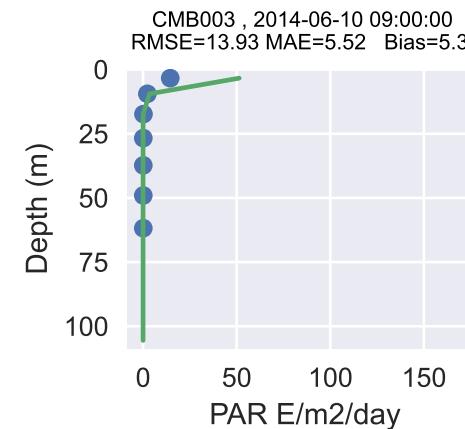
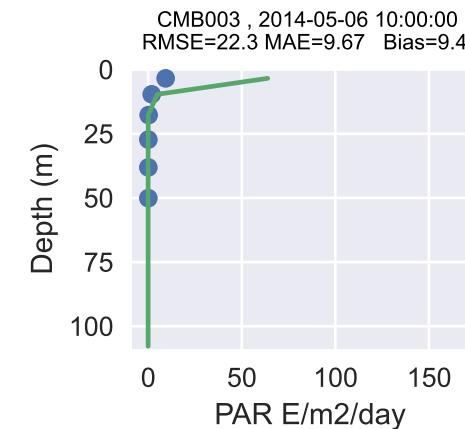


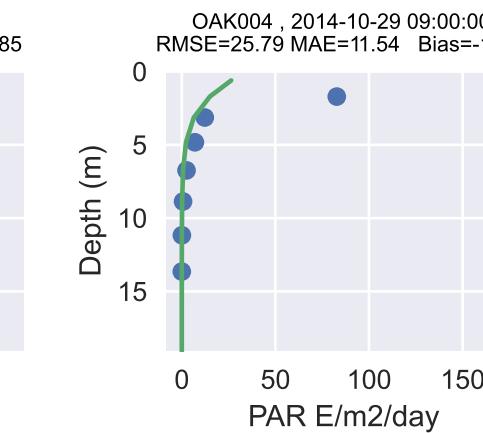
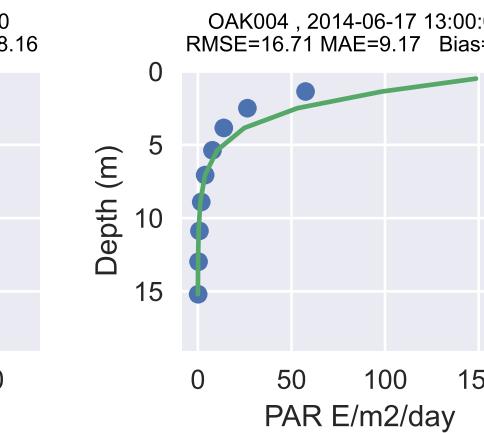
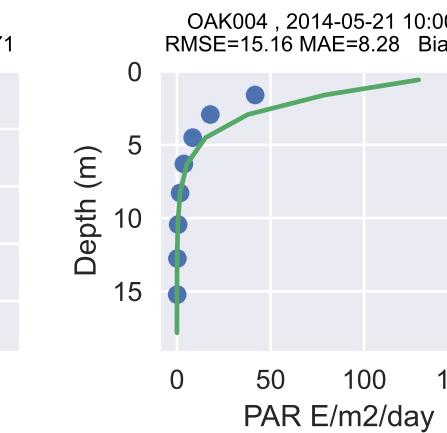
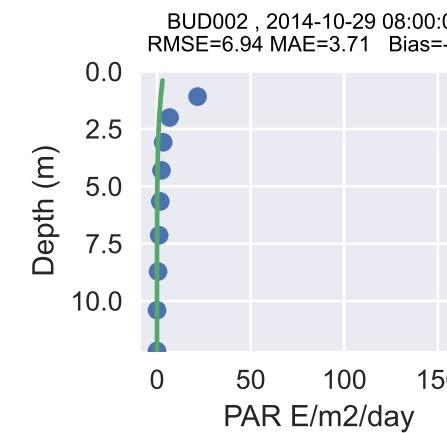
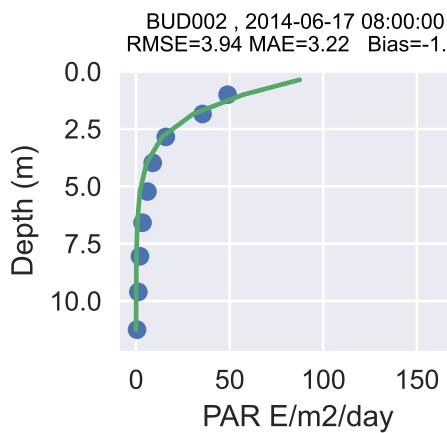
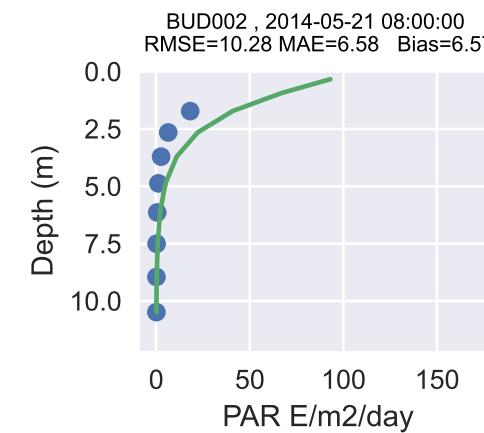








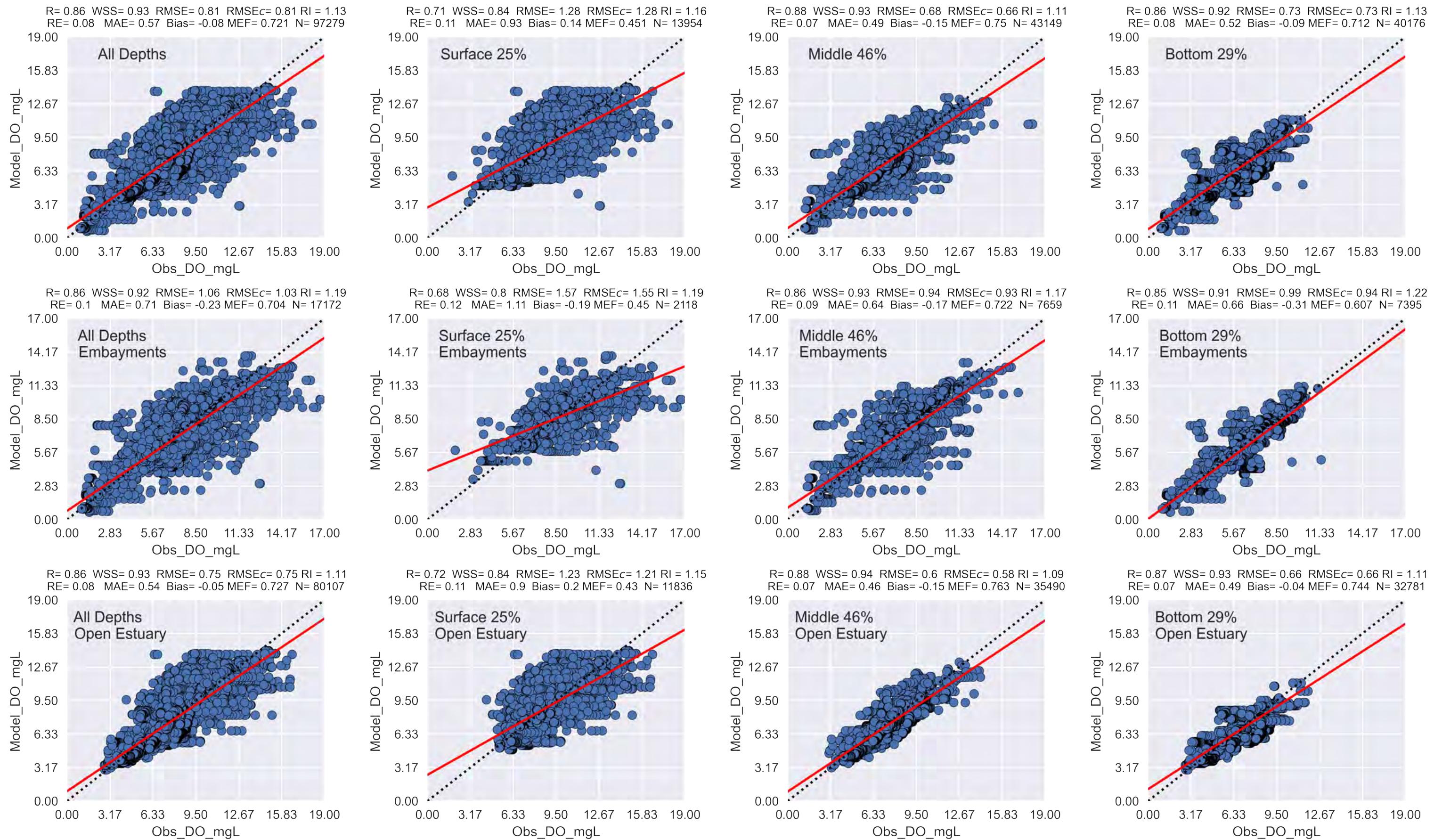


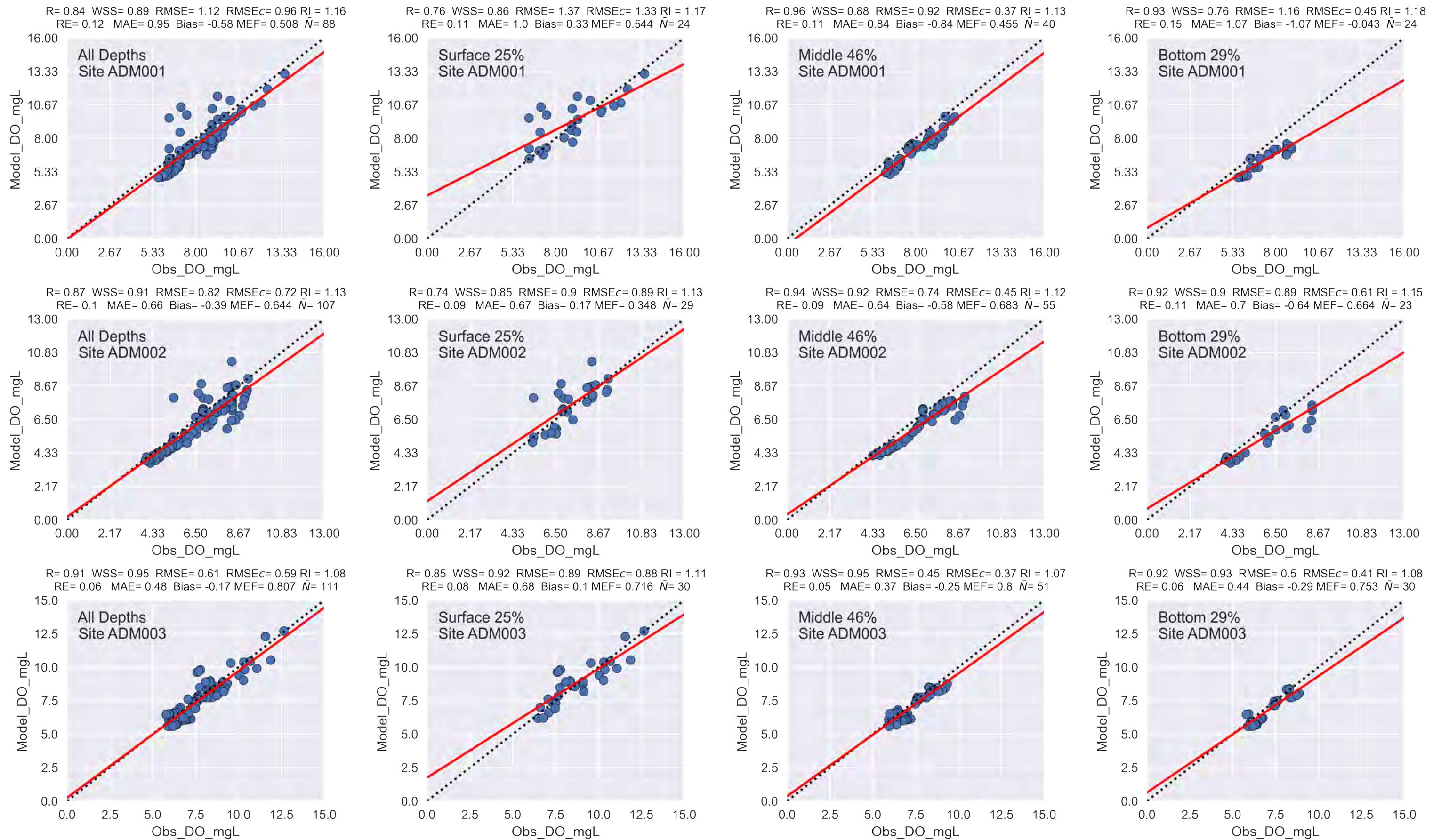


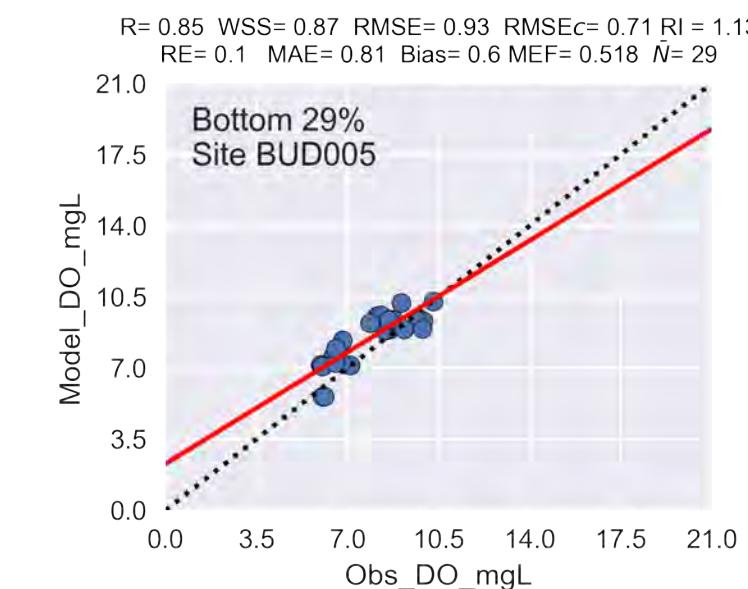
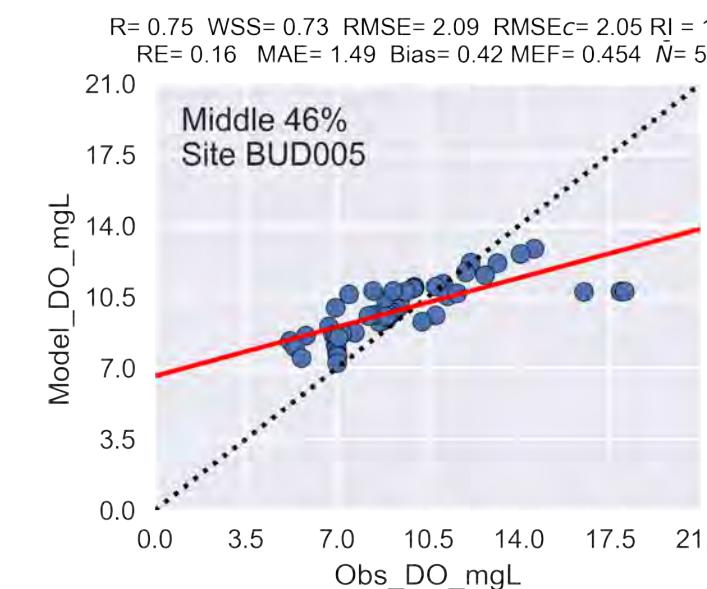
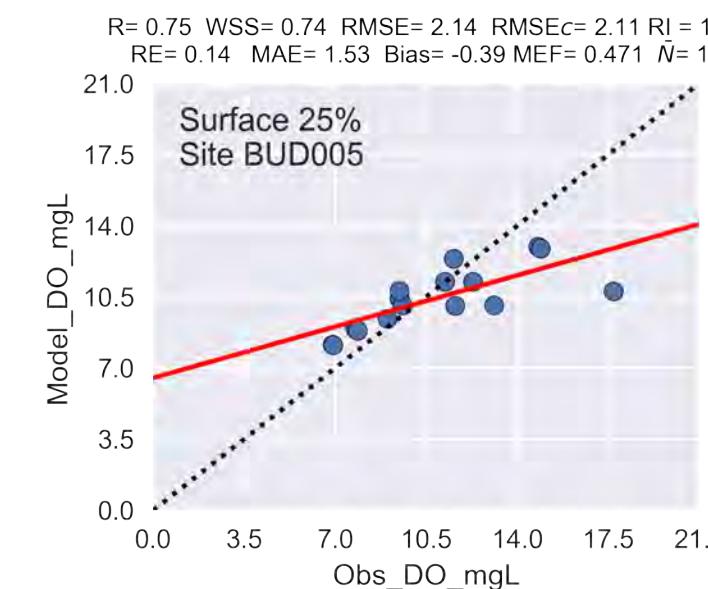
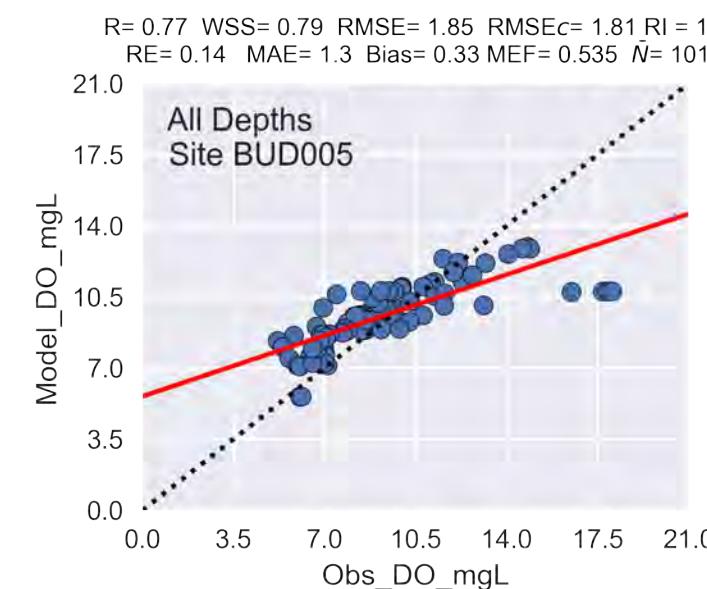
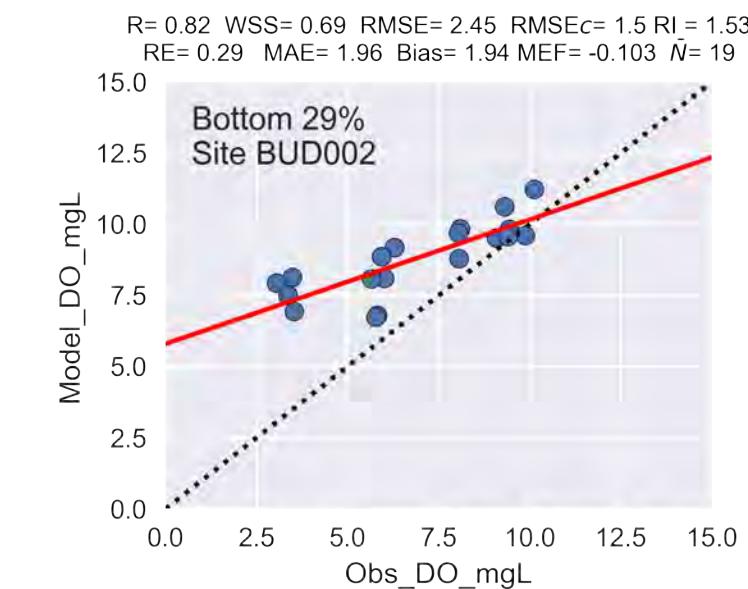
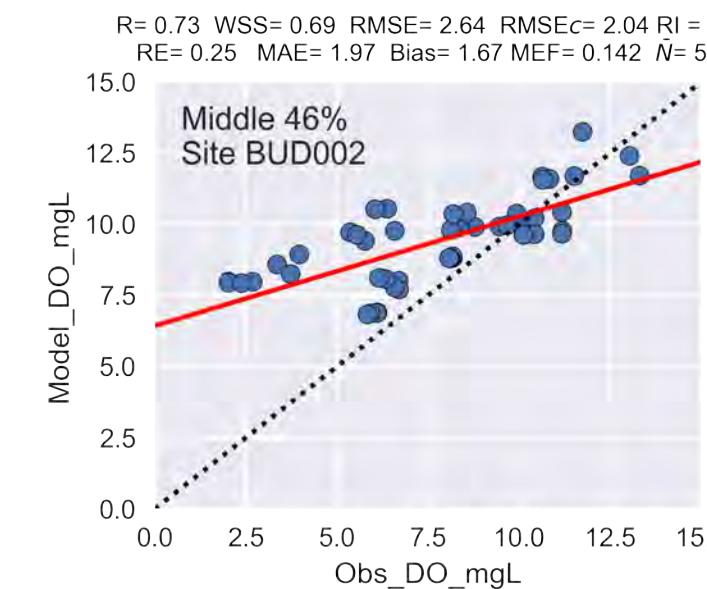
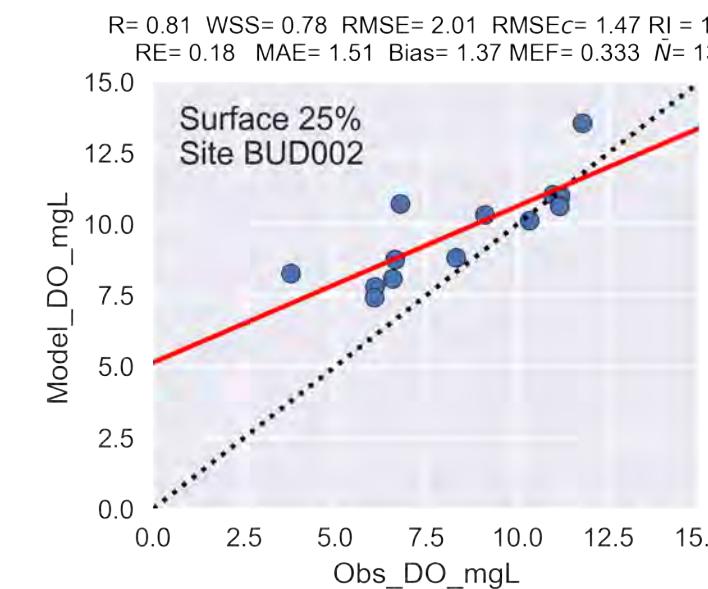
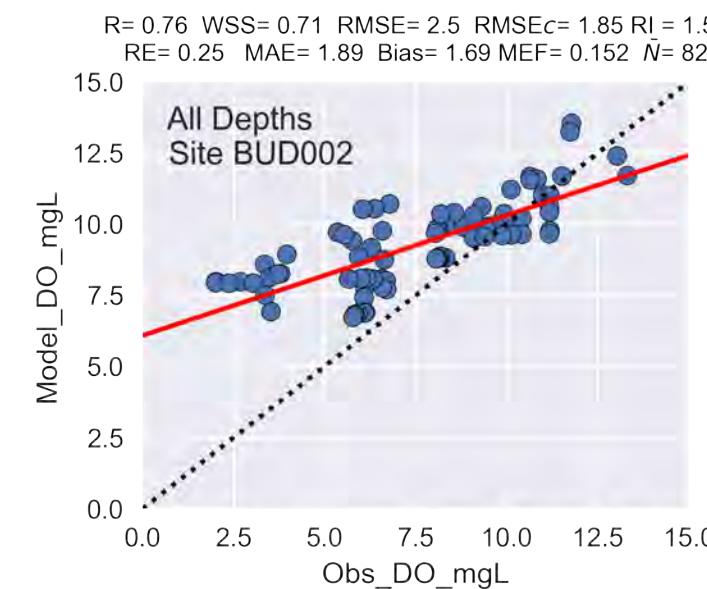
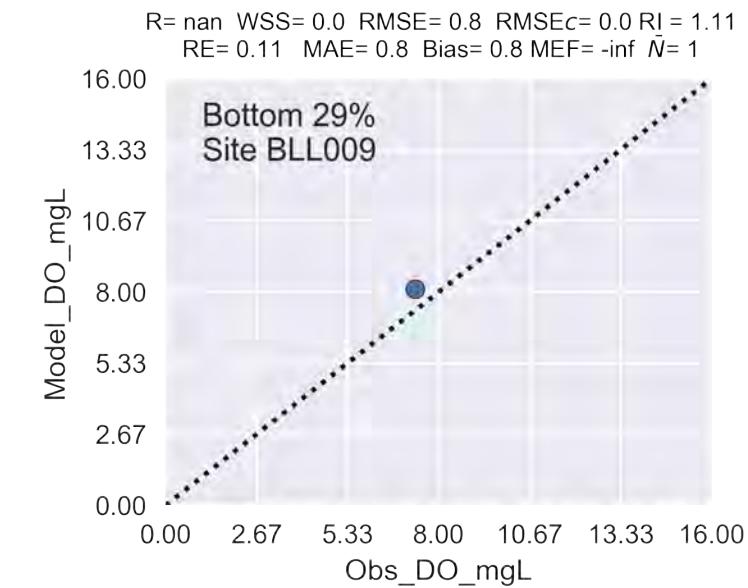
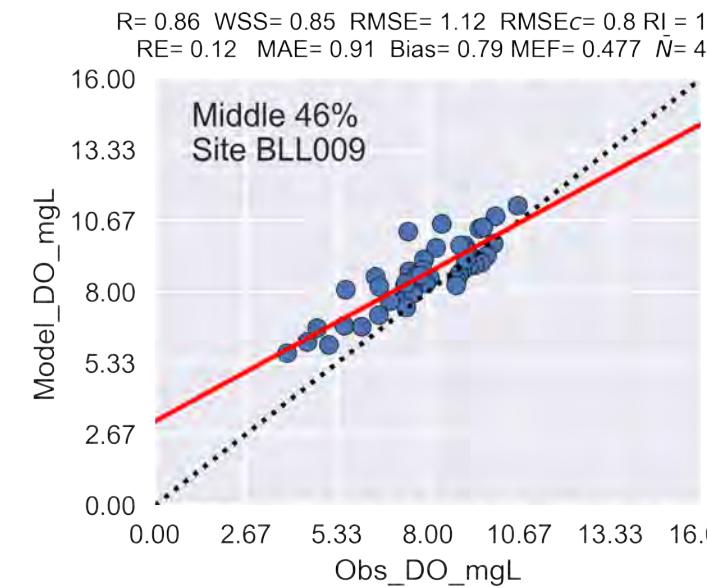
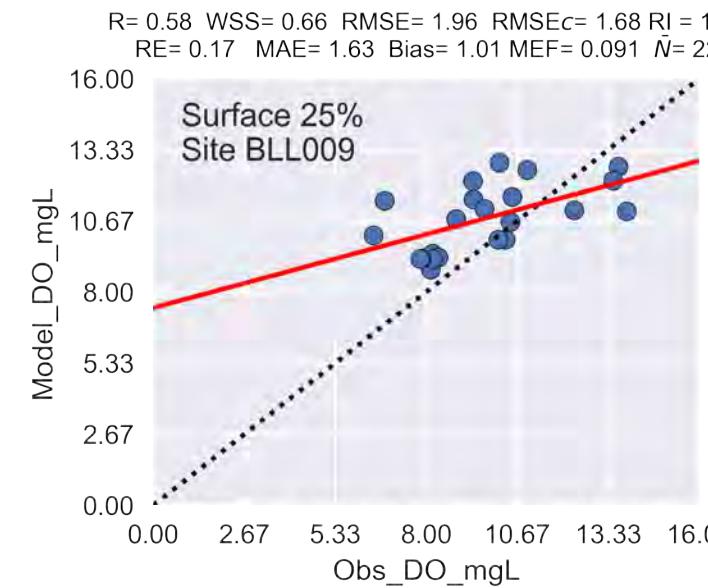
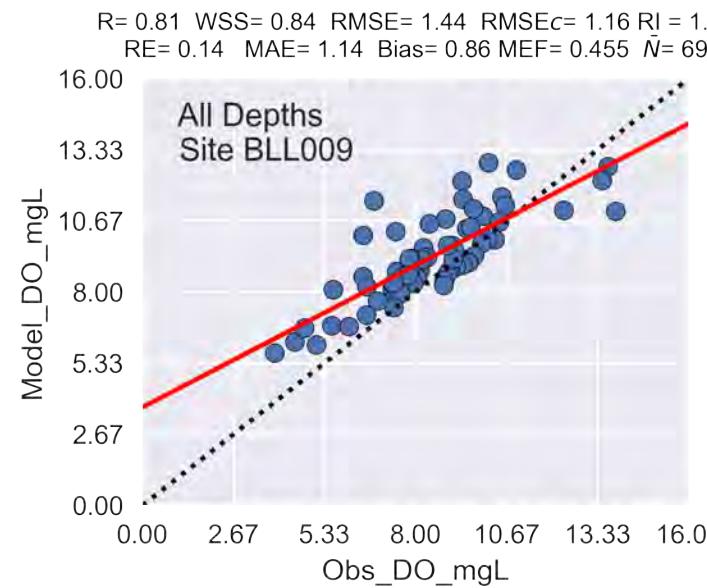
Appendix H2.

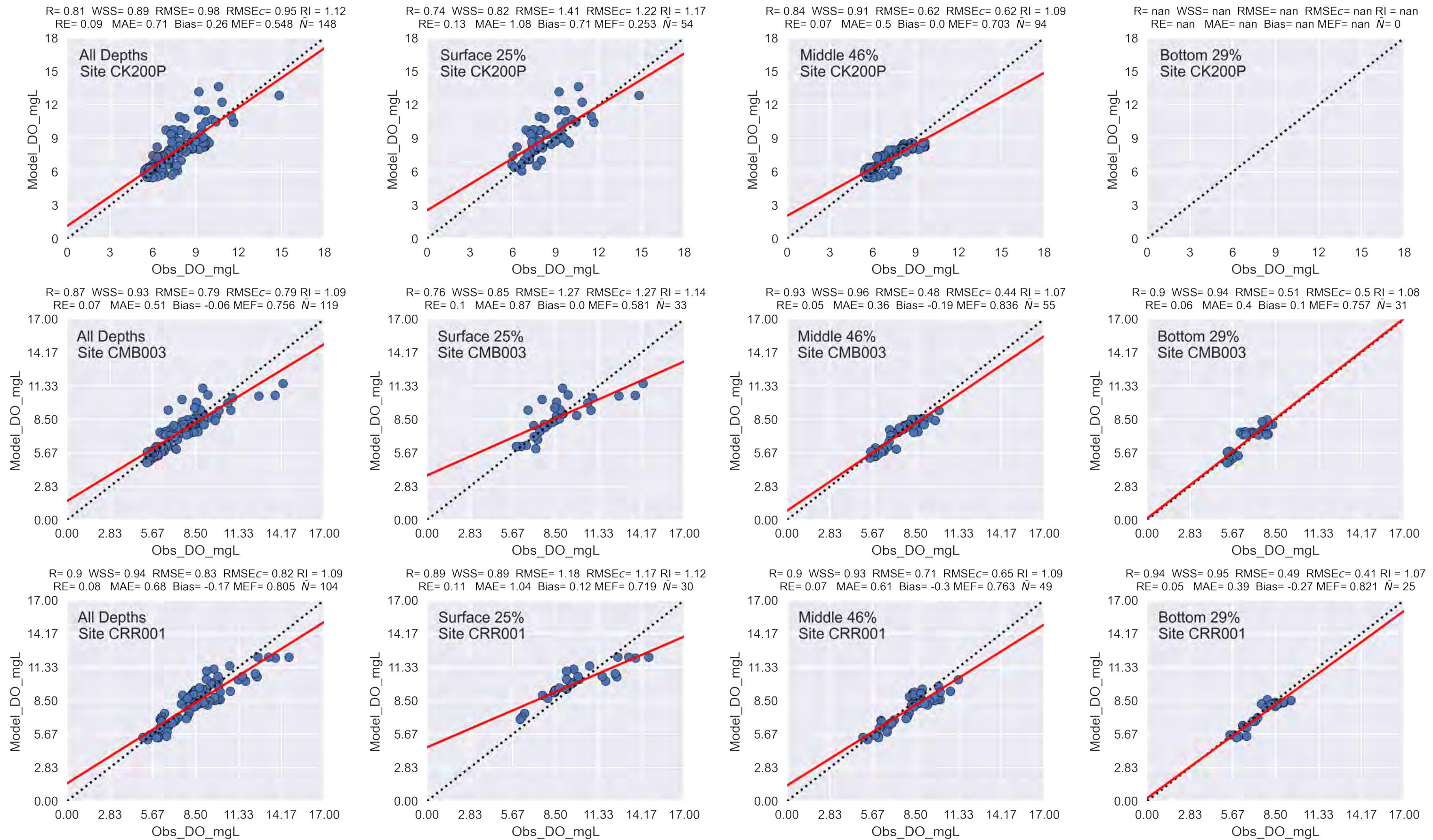
Dissolved Oxygen Scatterplots for Surface, Middle, and Bottom Waters for 2014

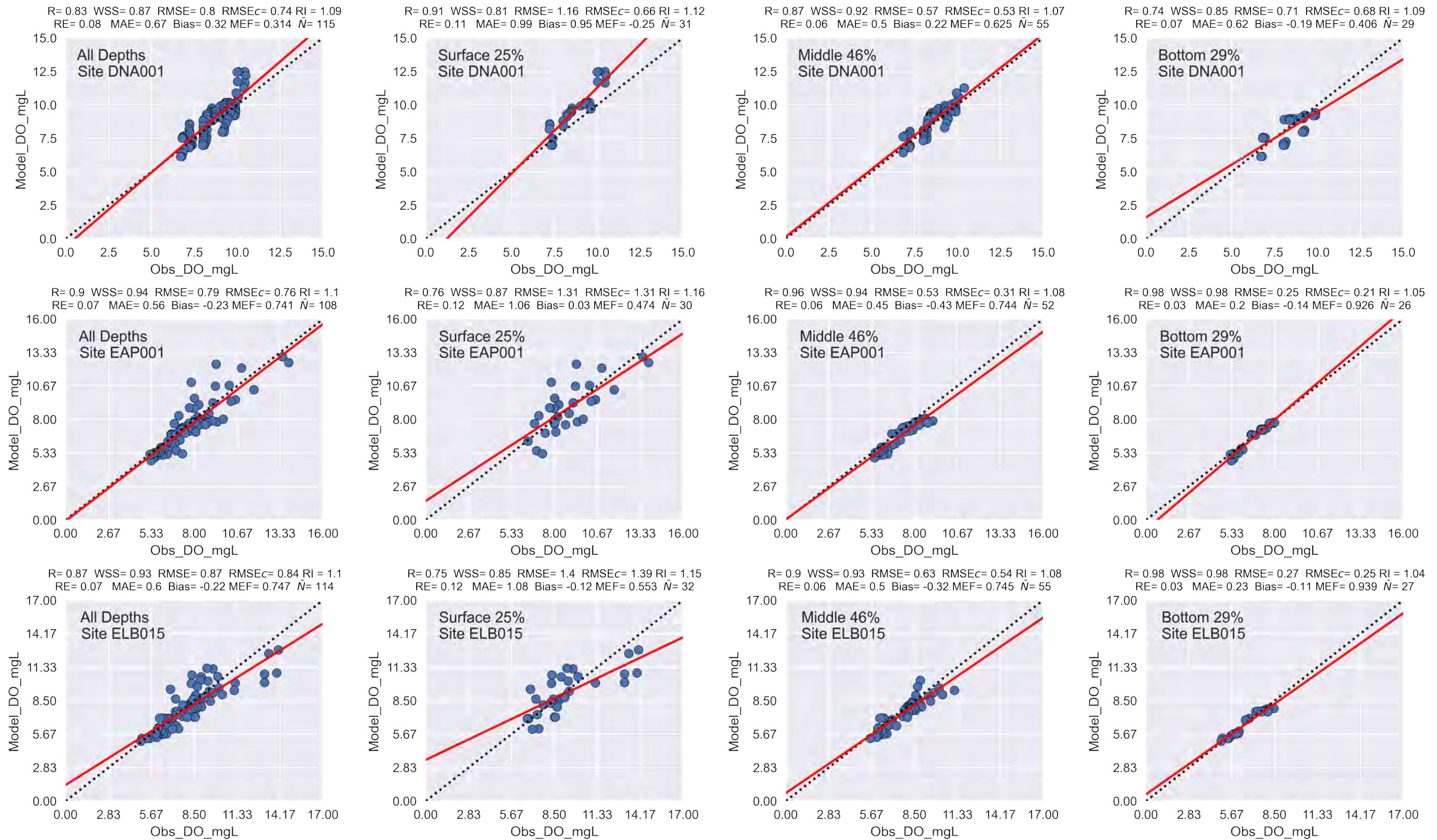
Note: Site HNFD01 is a brackish river location and is included in Appendix H1 but not in Appendix H2 since it is neither an embayment nor open estuary location. The difference in N between DO scatterplots in H1 and DO All Depths scatterplots in H2 is due to its exclusion.

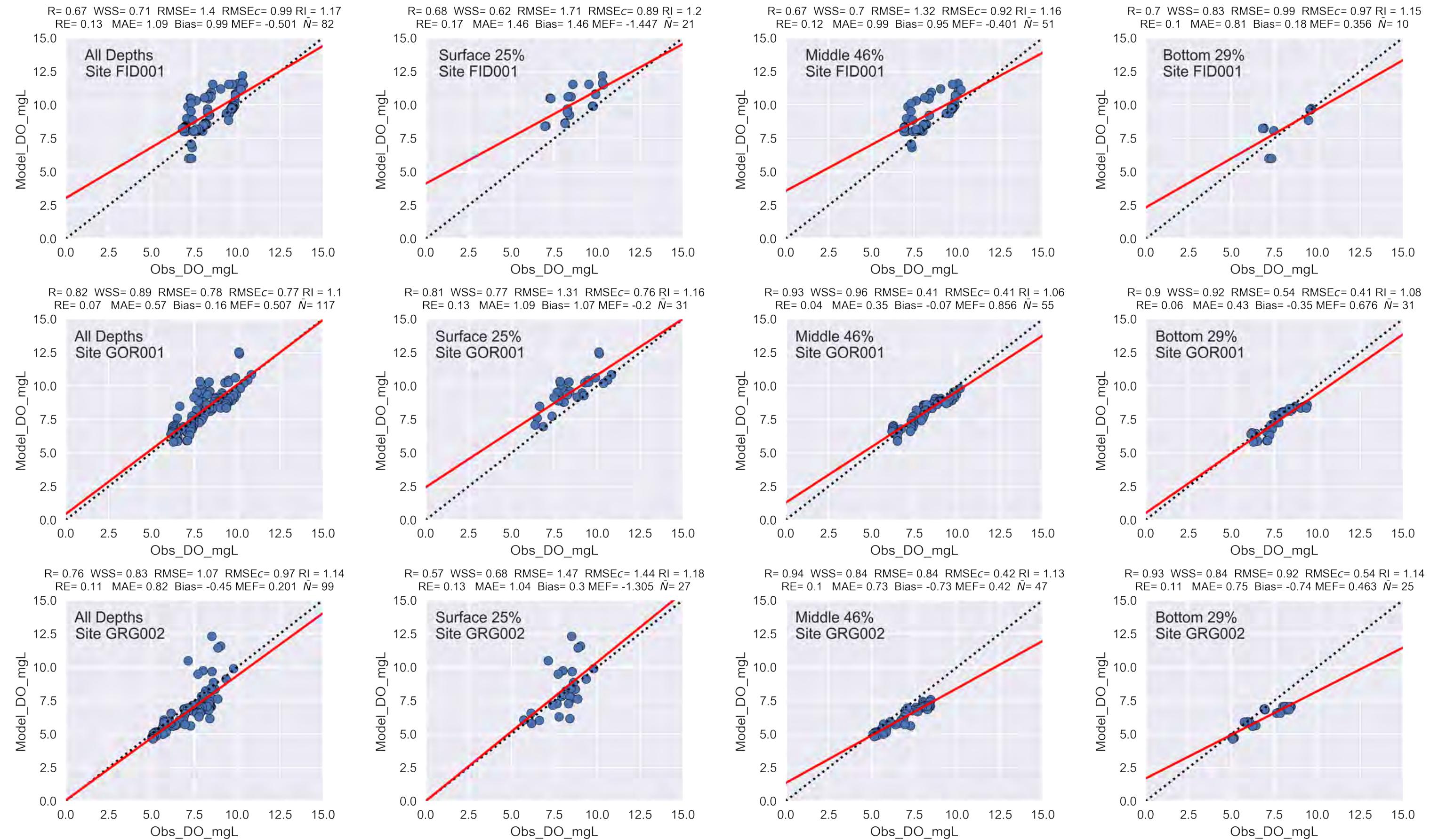


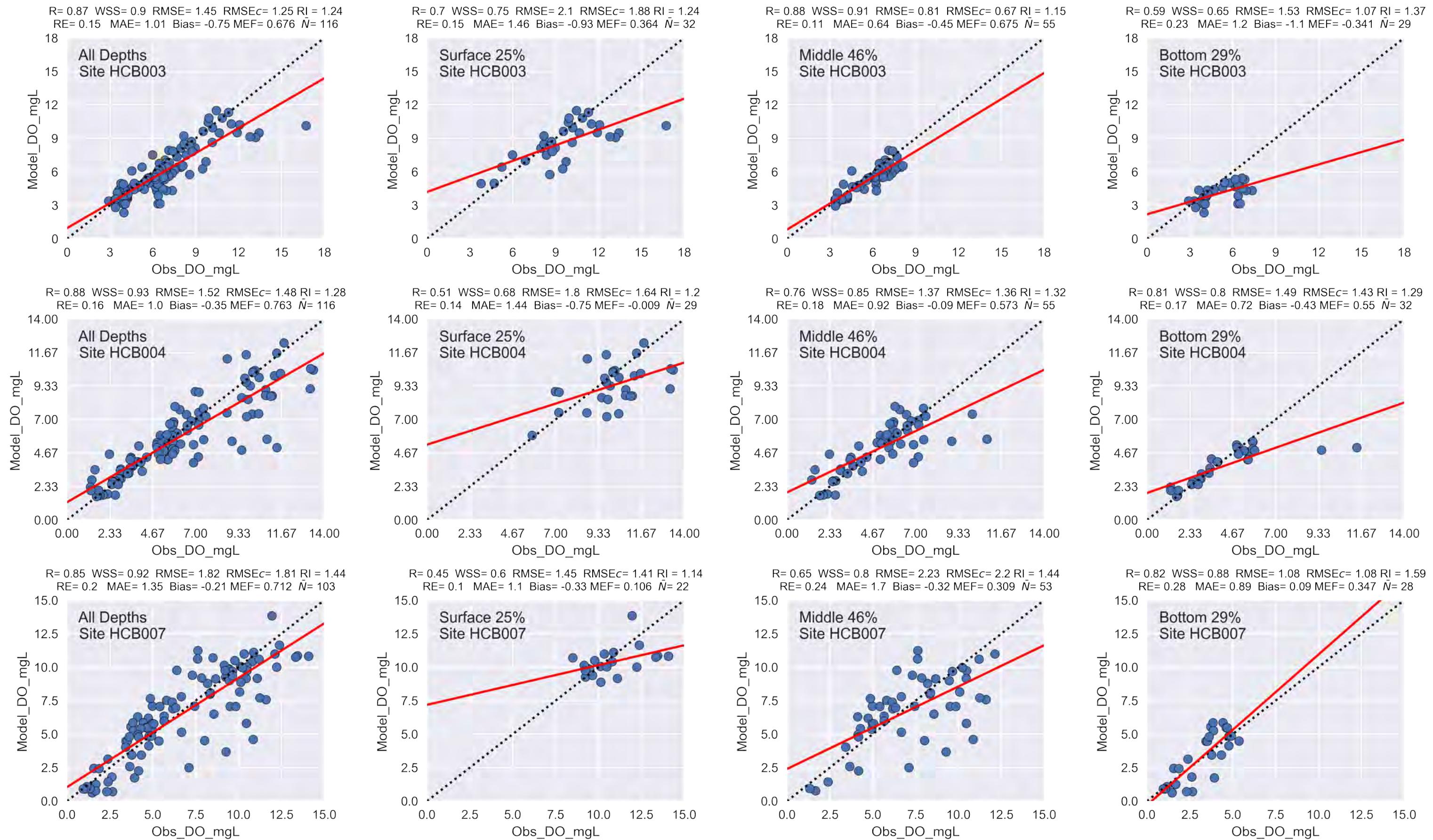


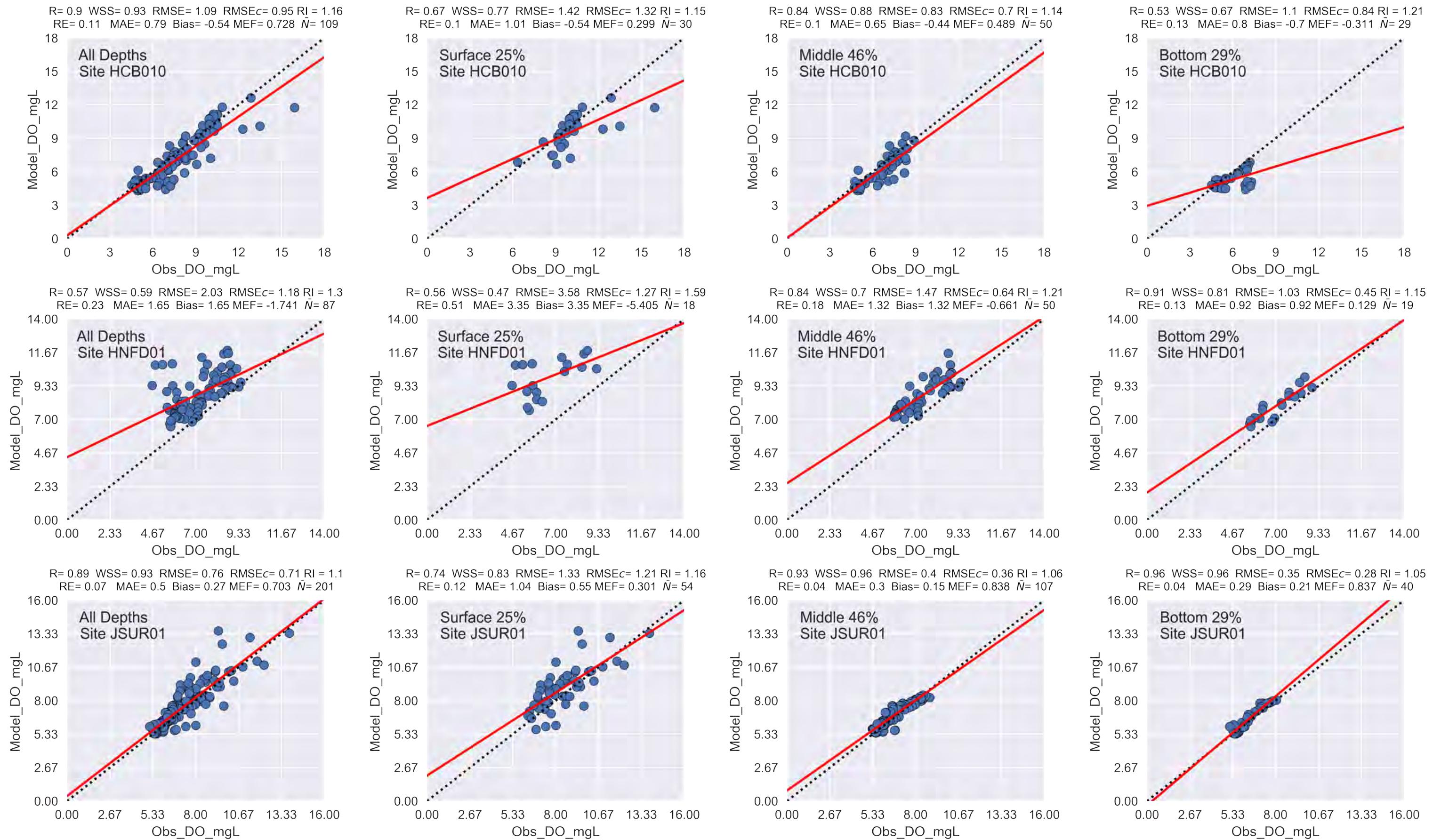


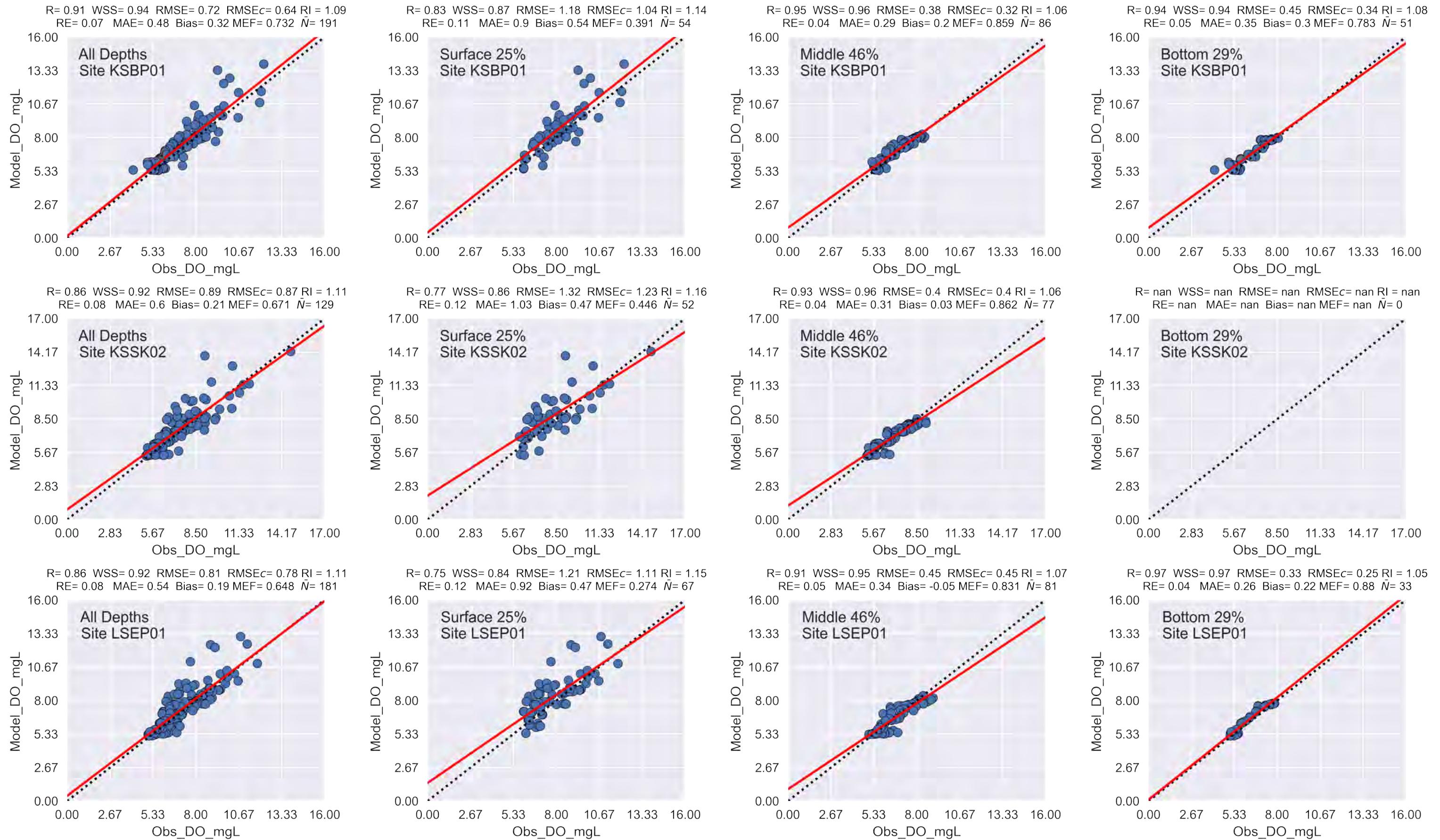


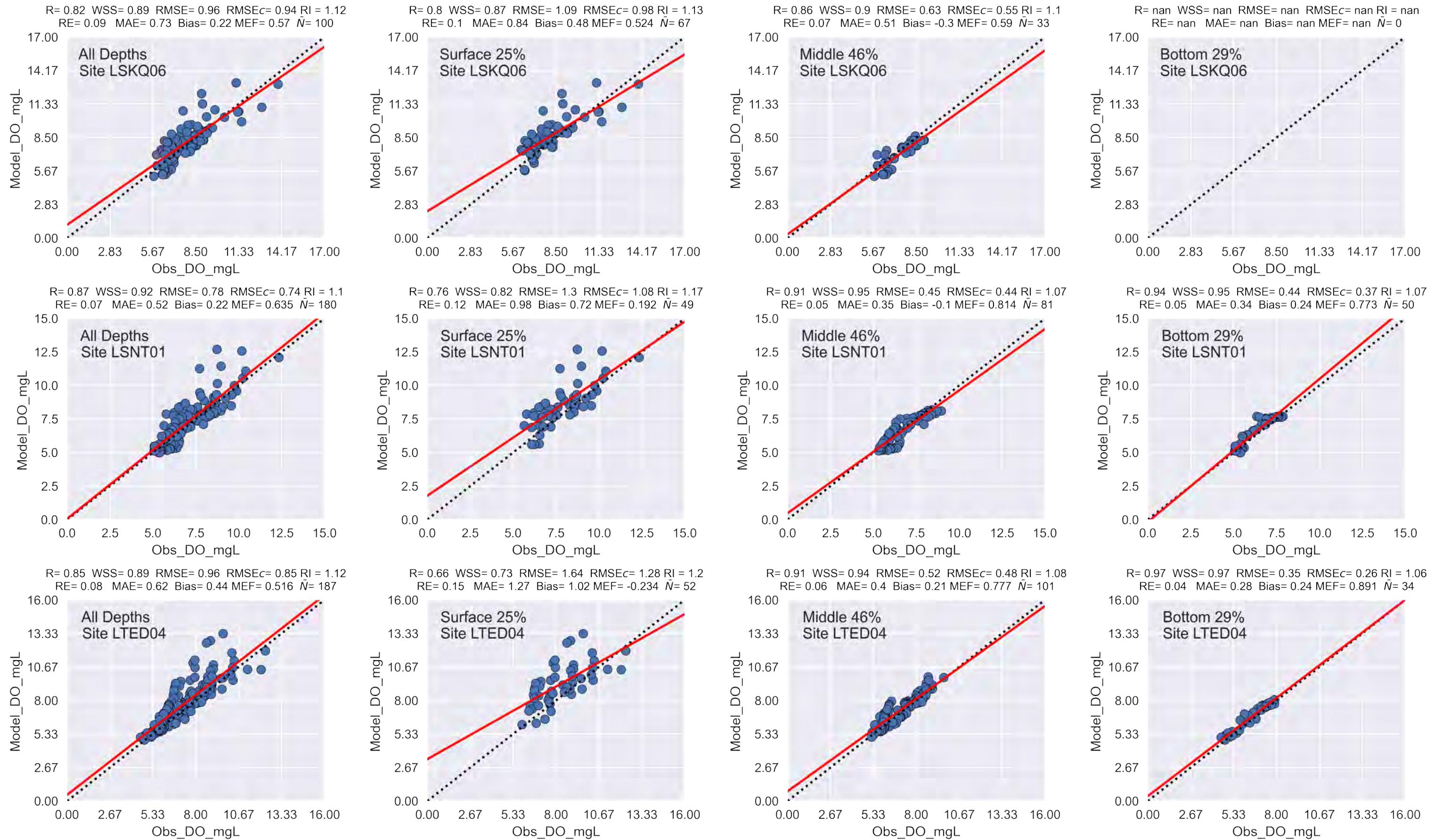


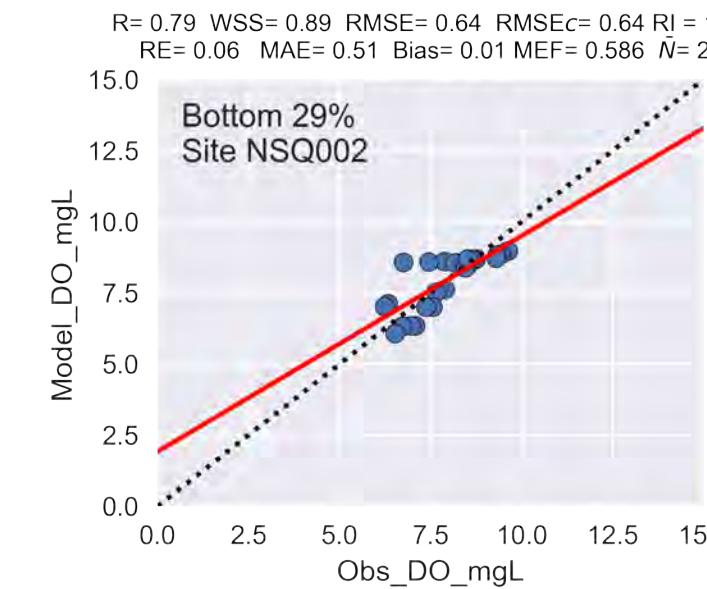
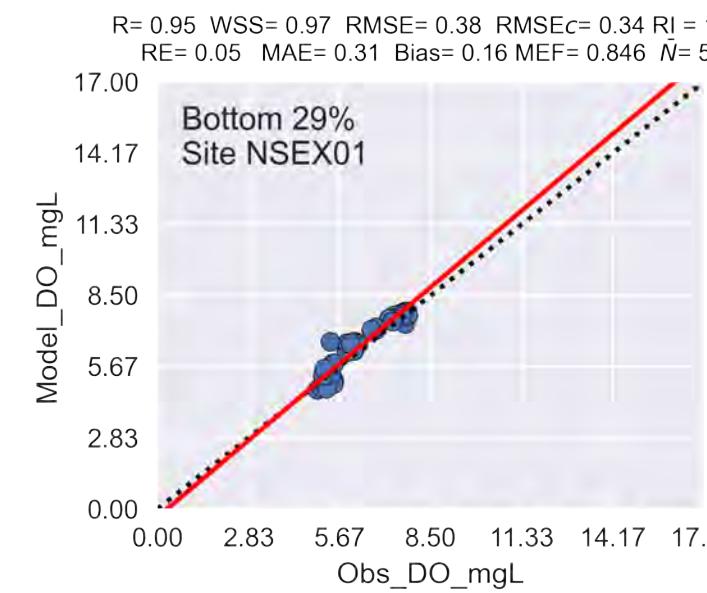
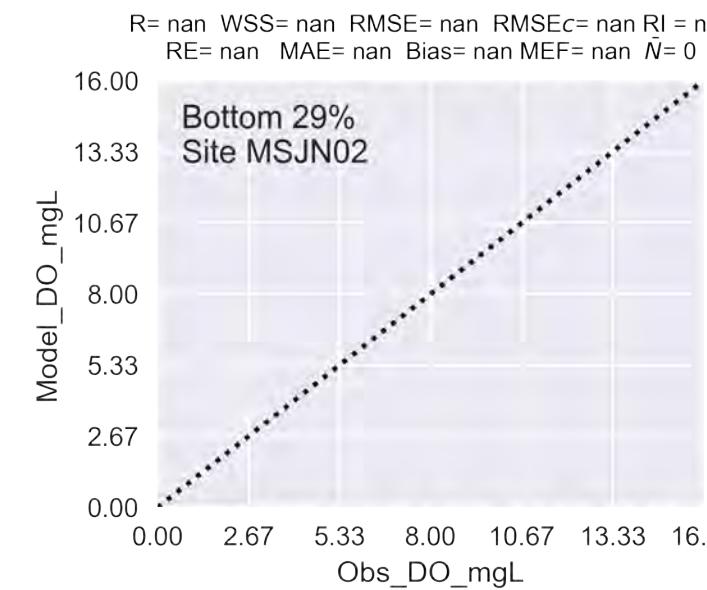
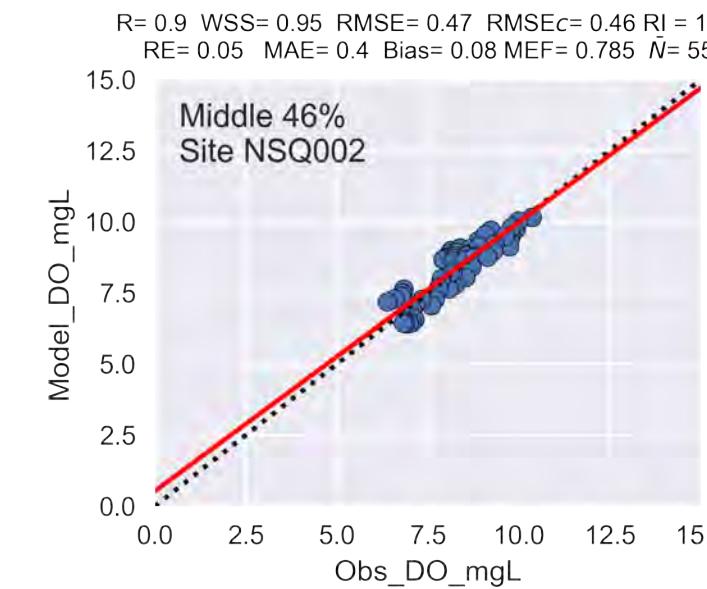
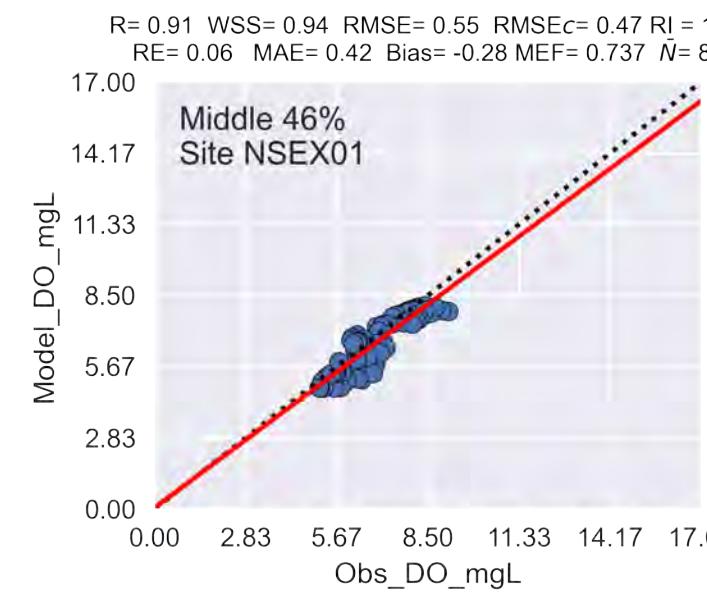
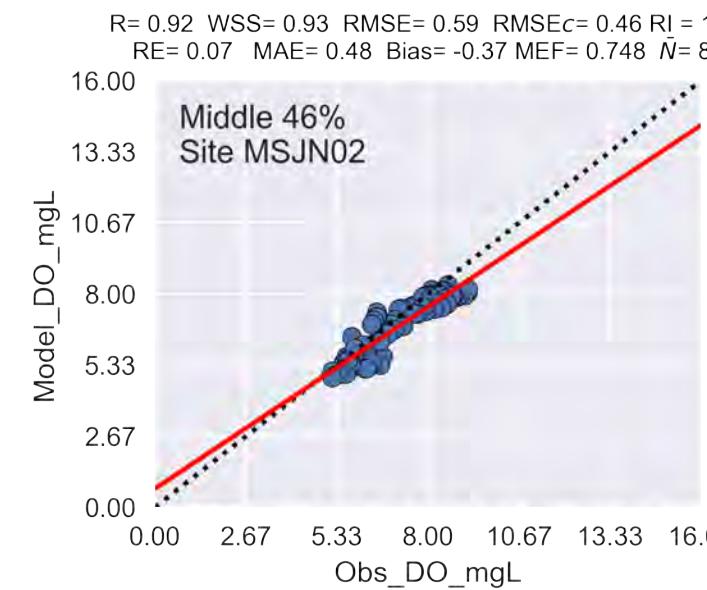
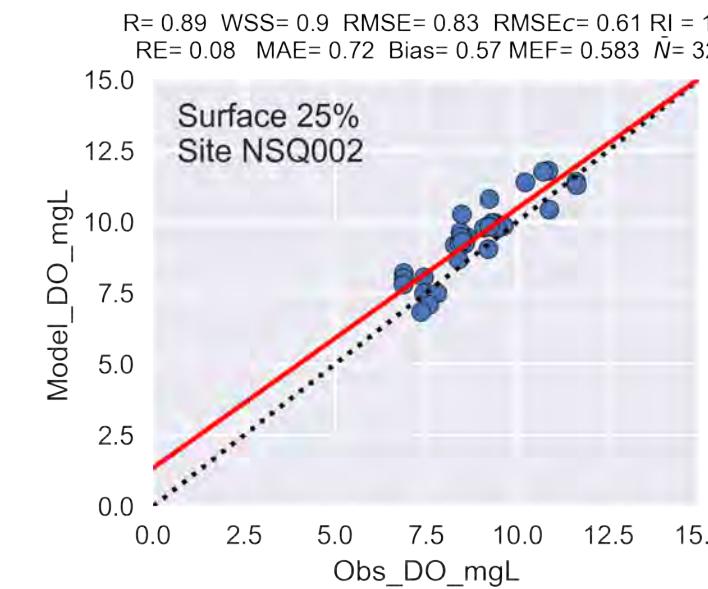
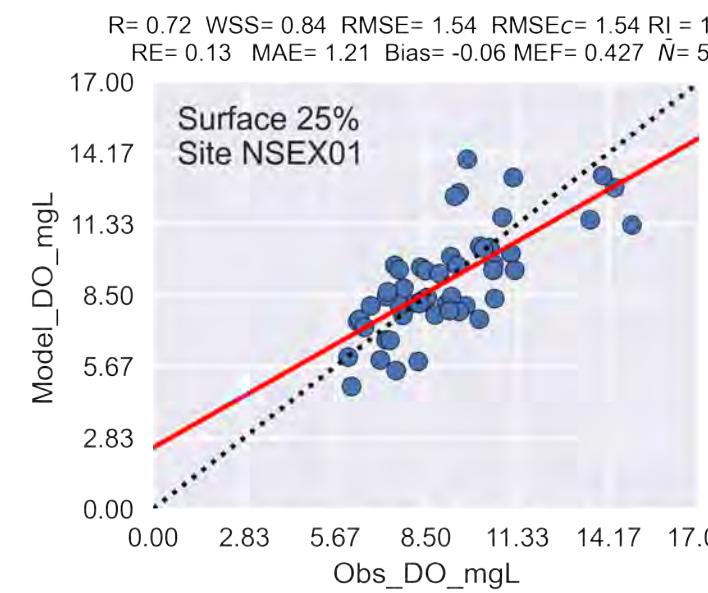
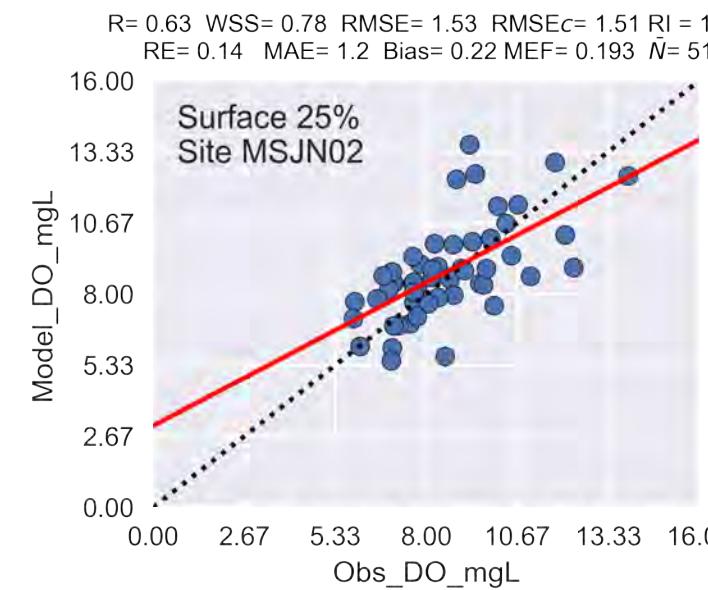
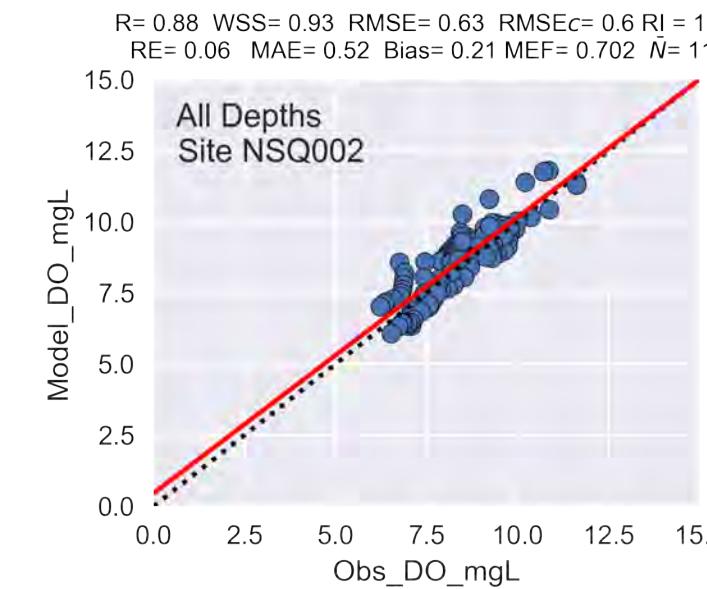
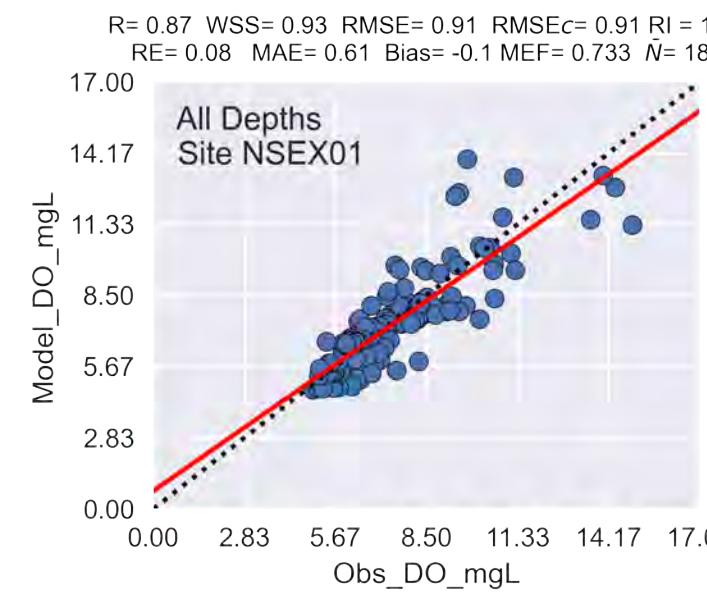
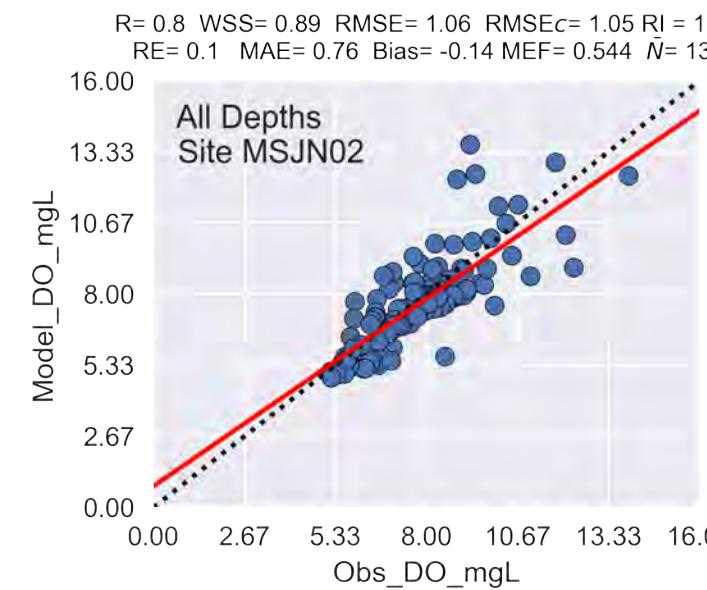


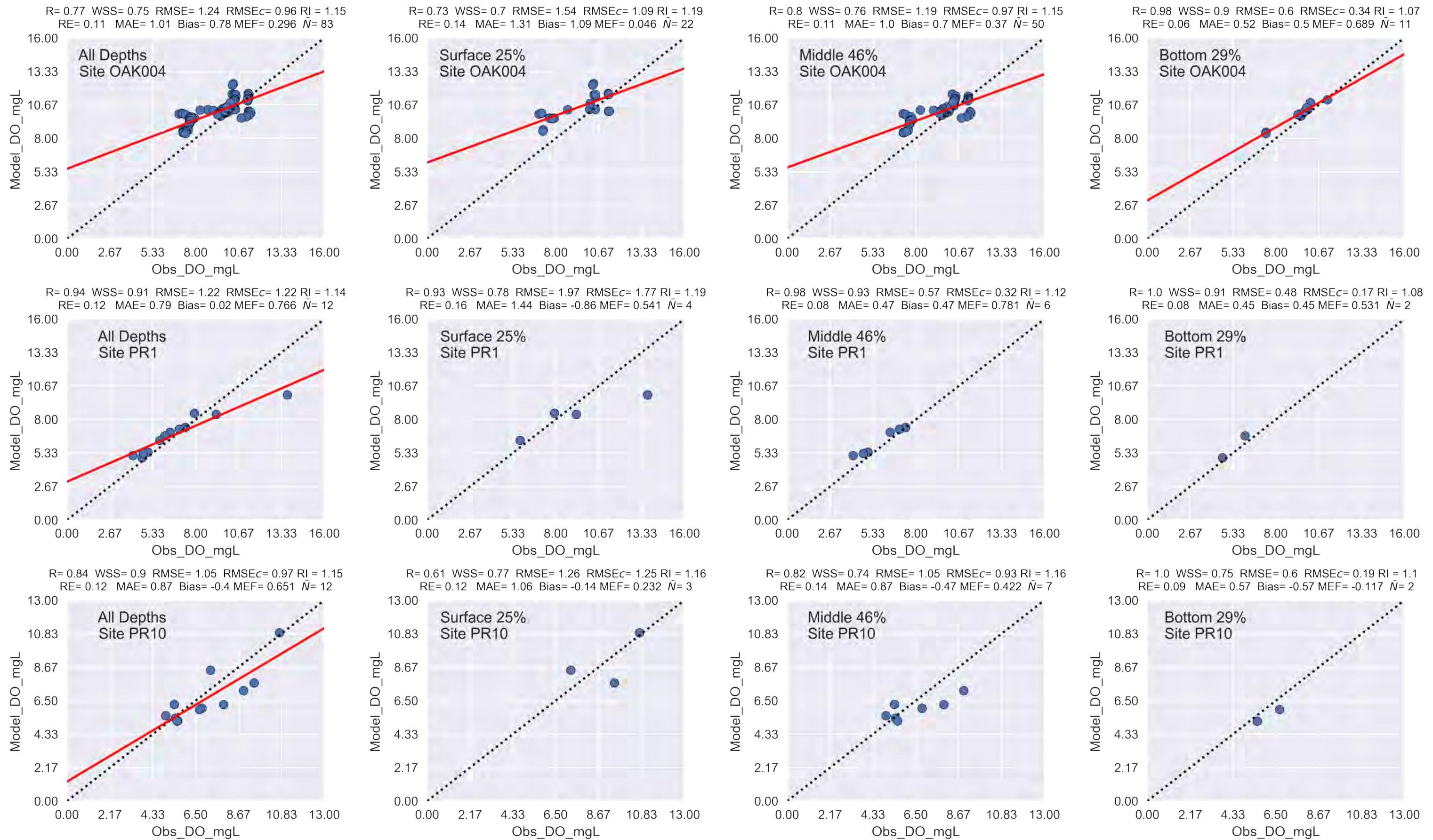


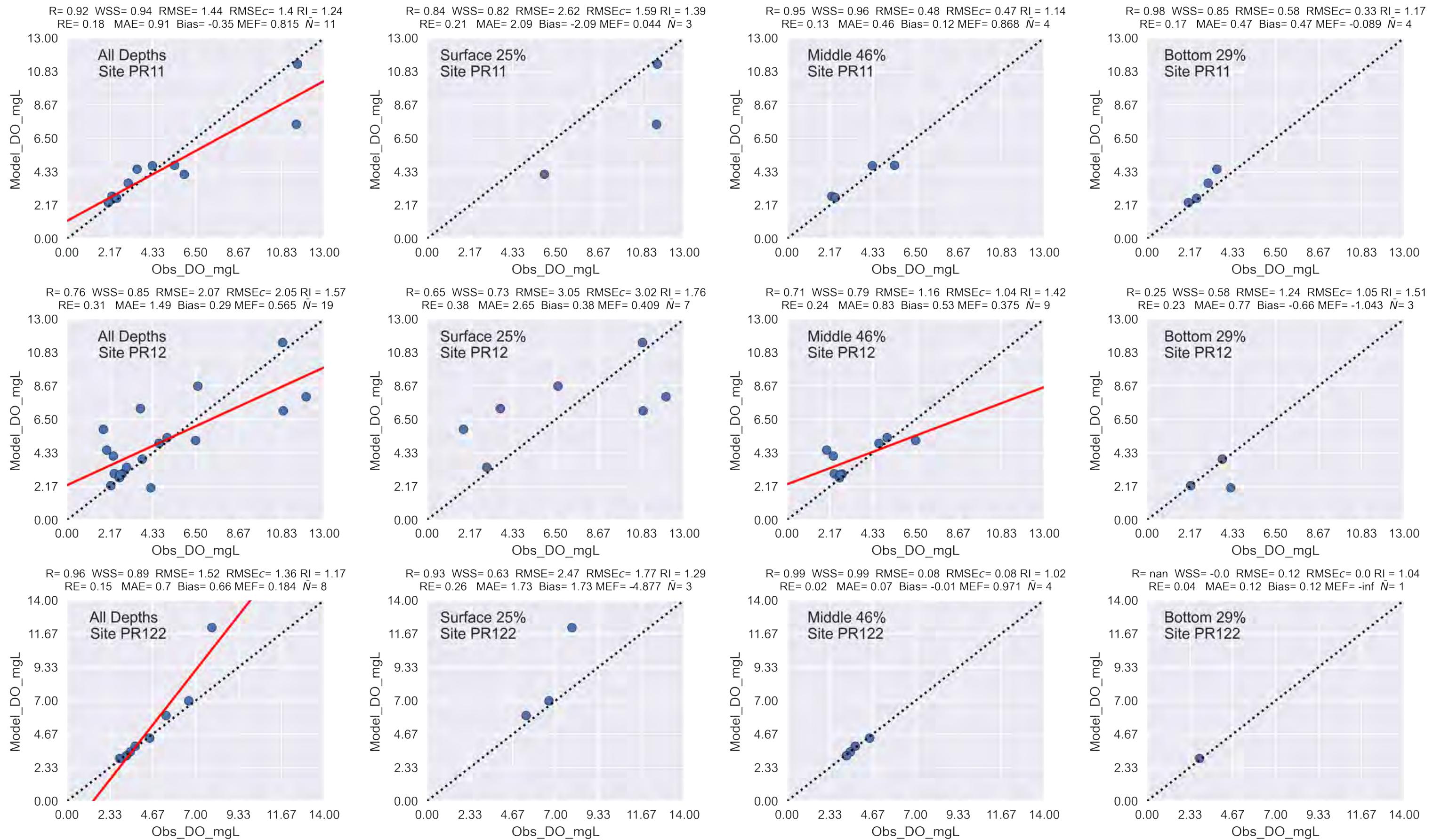


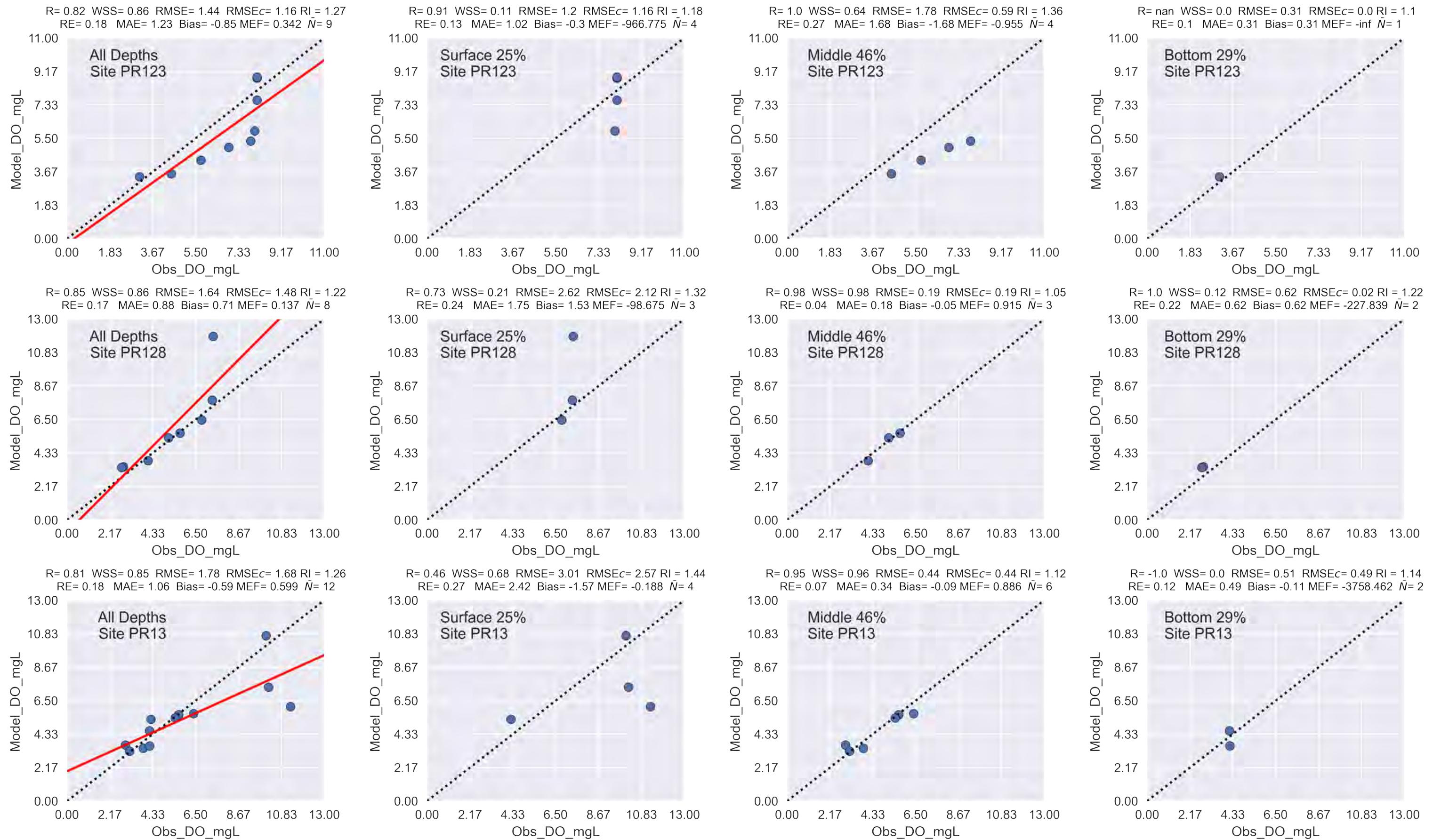


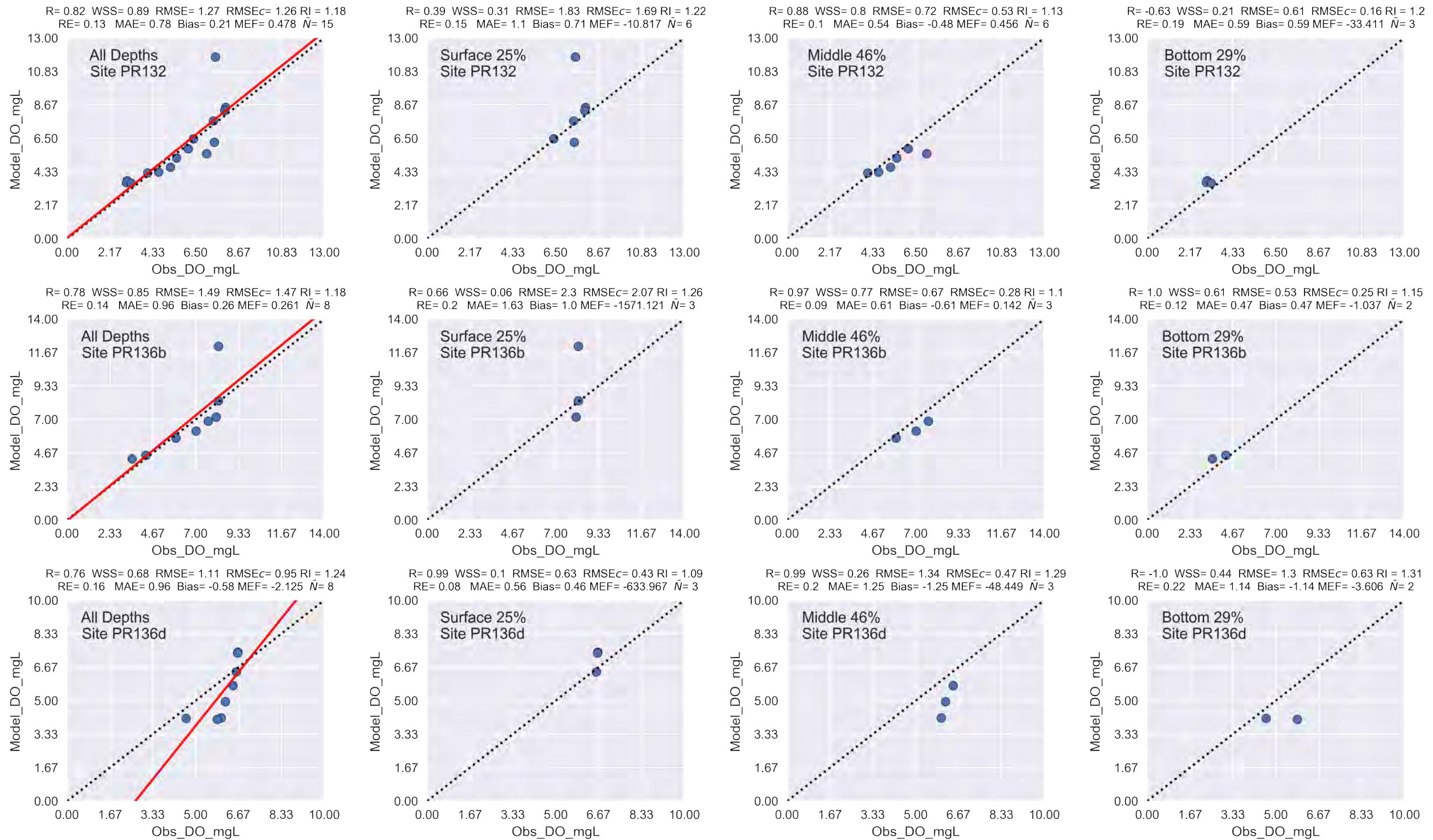


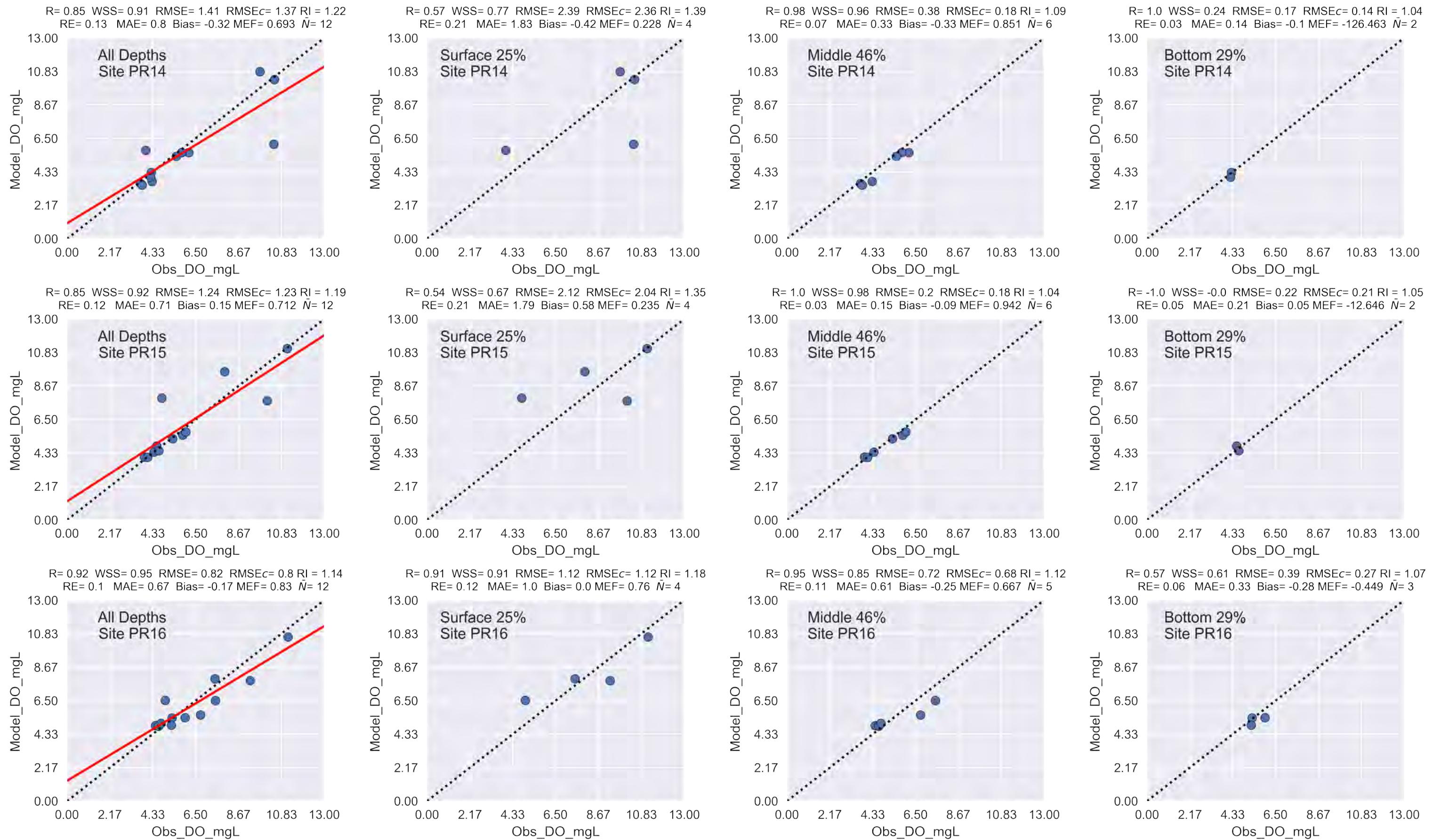


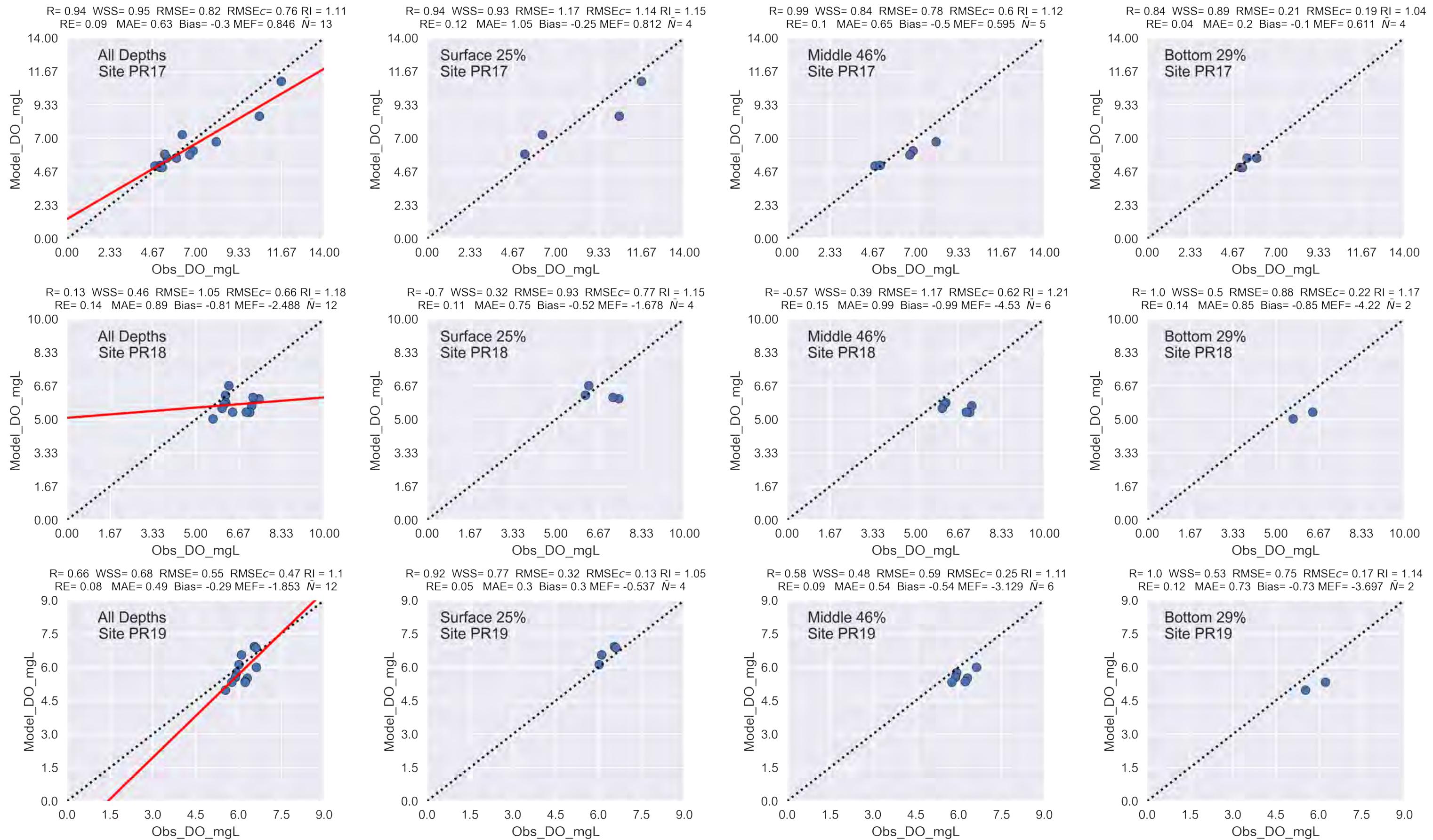


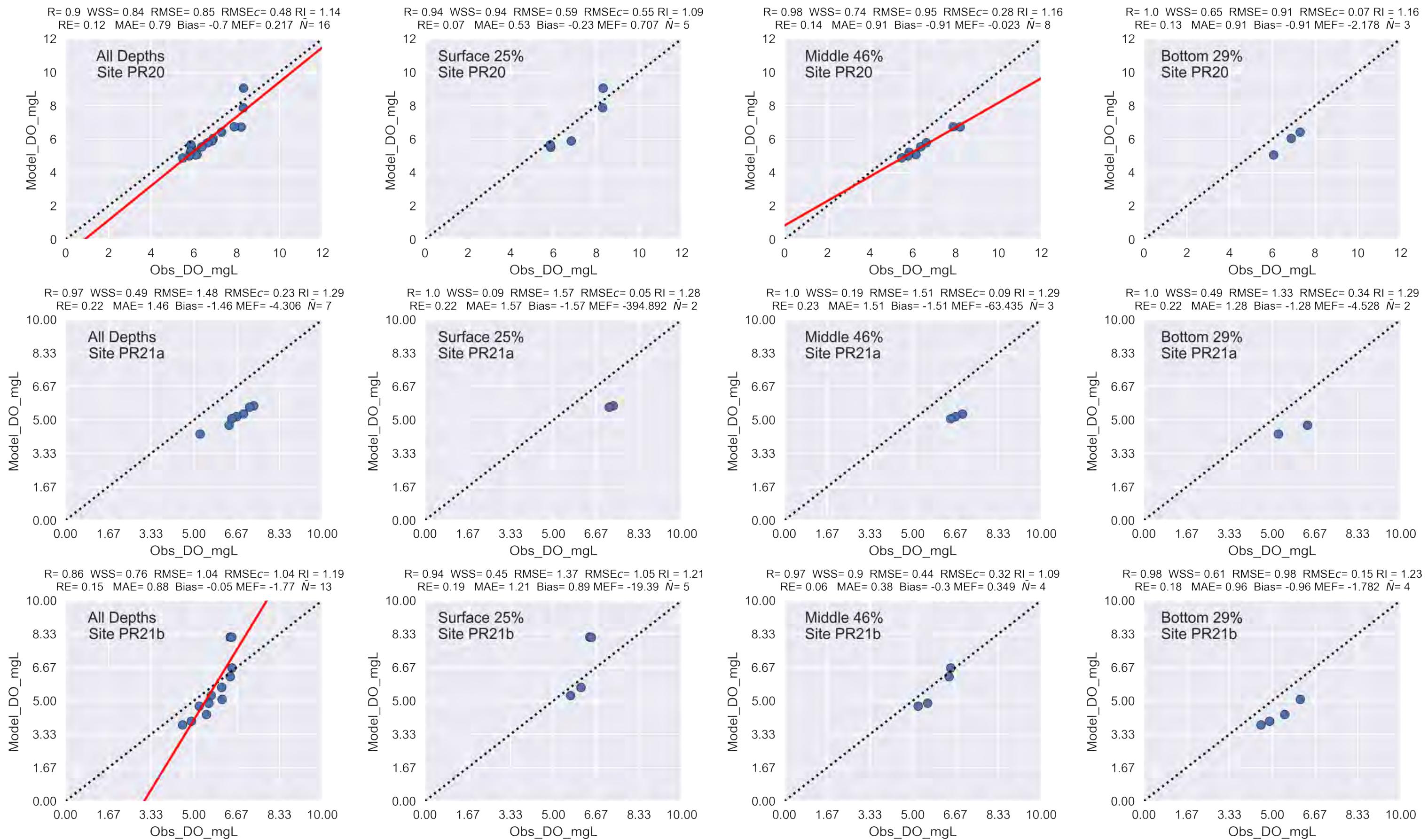


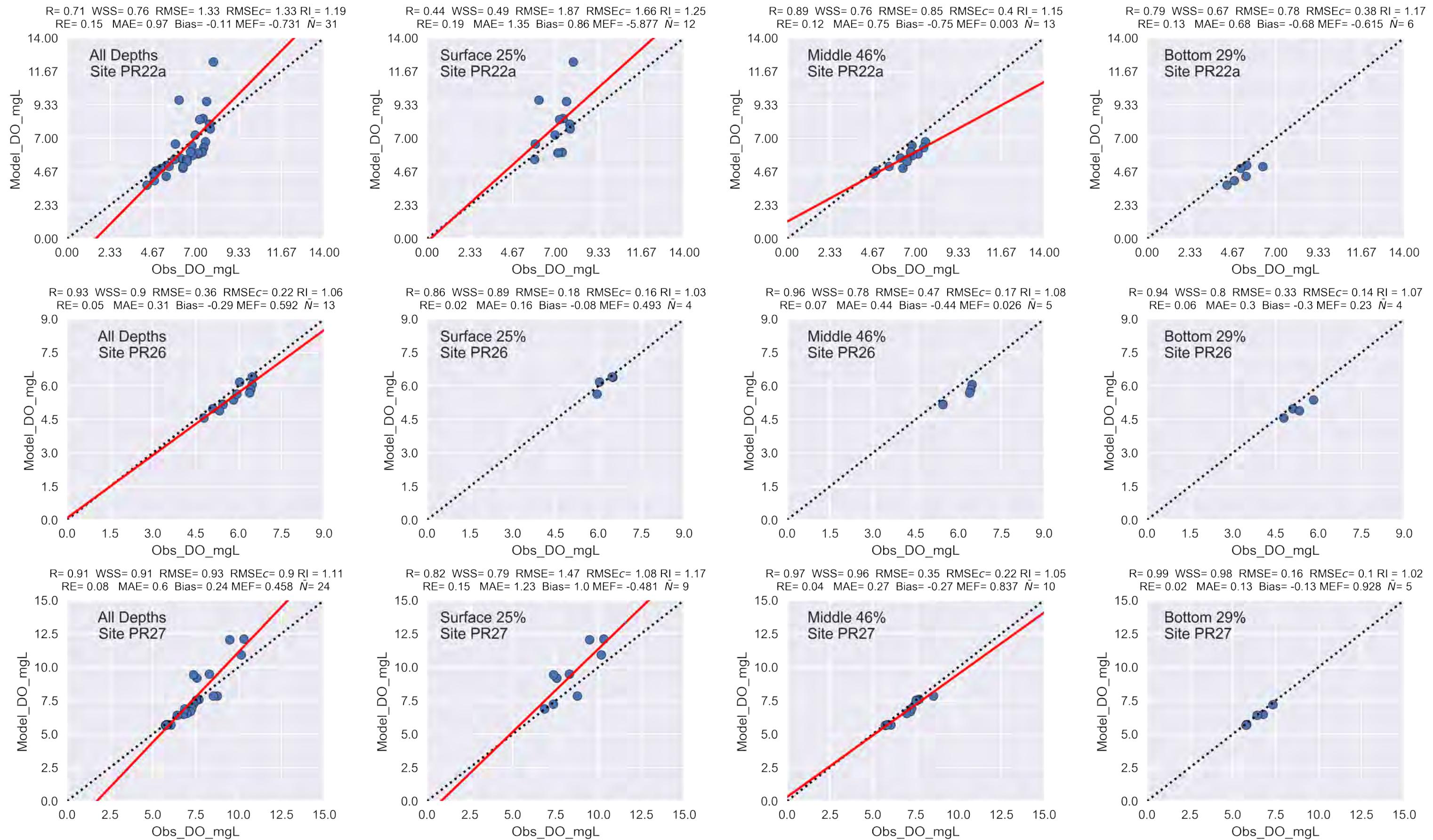


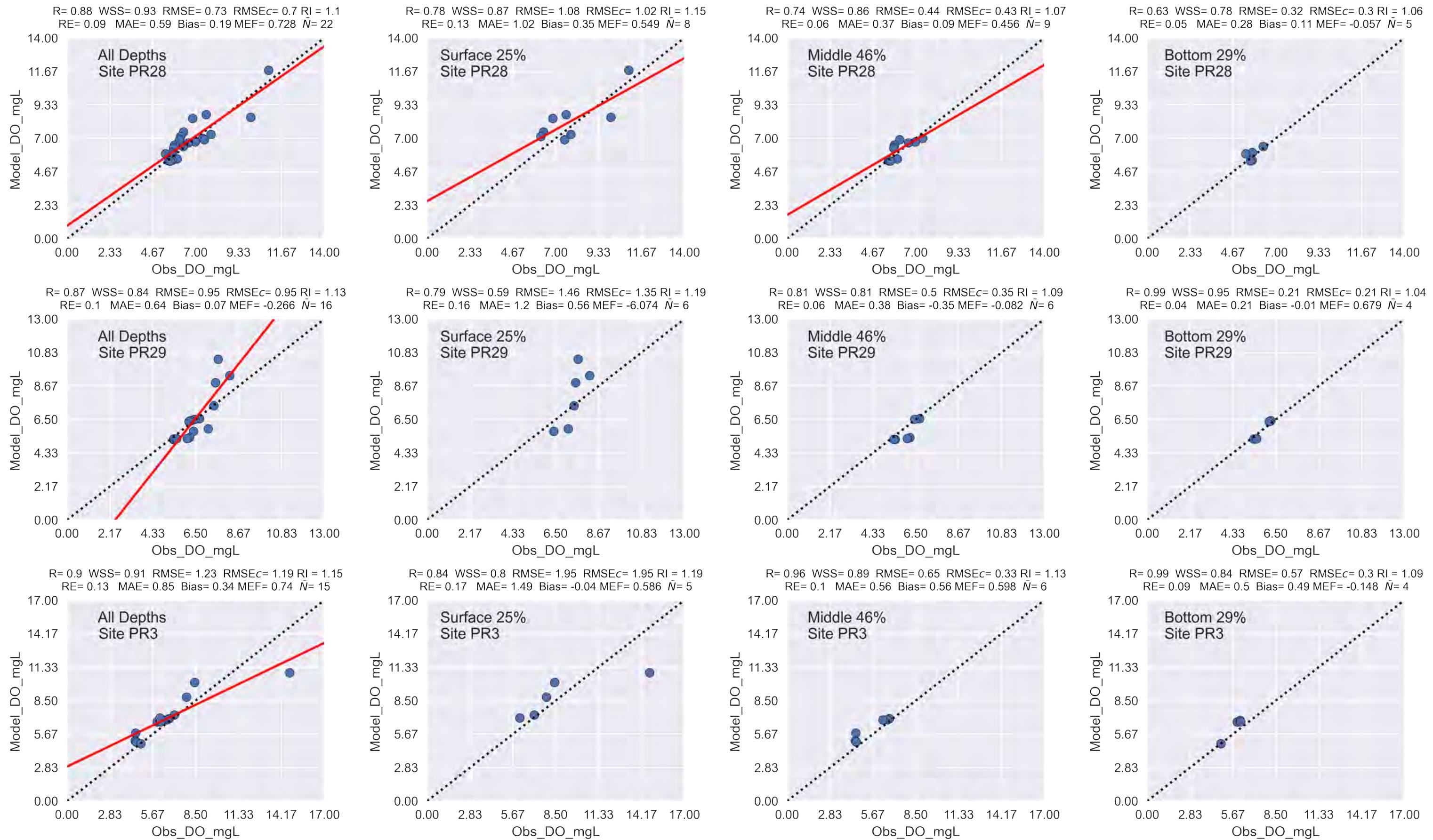


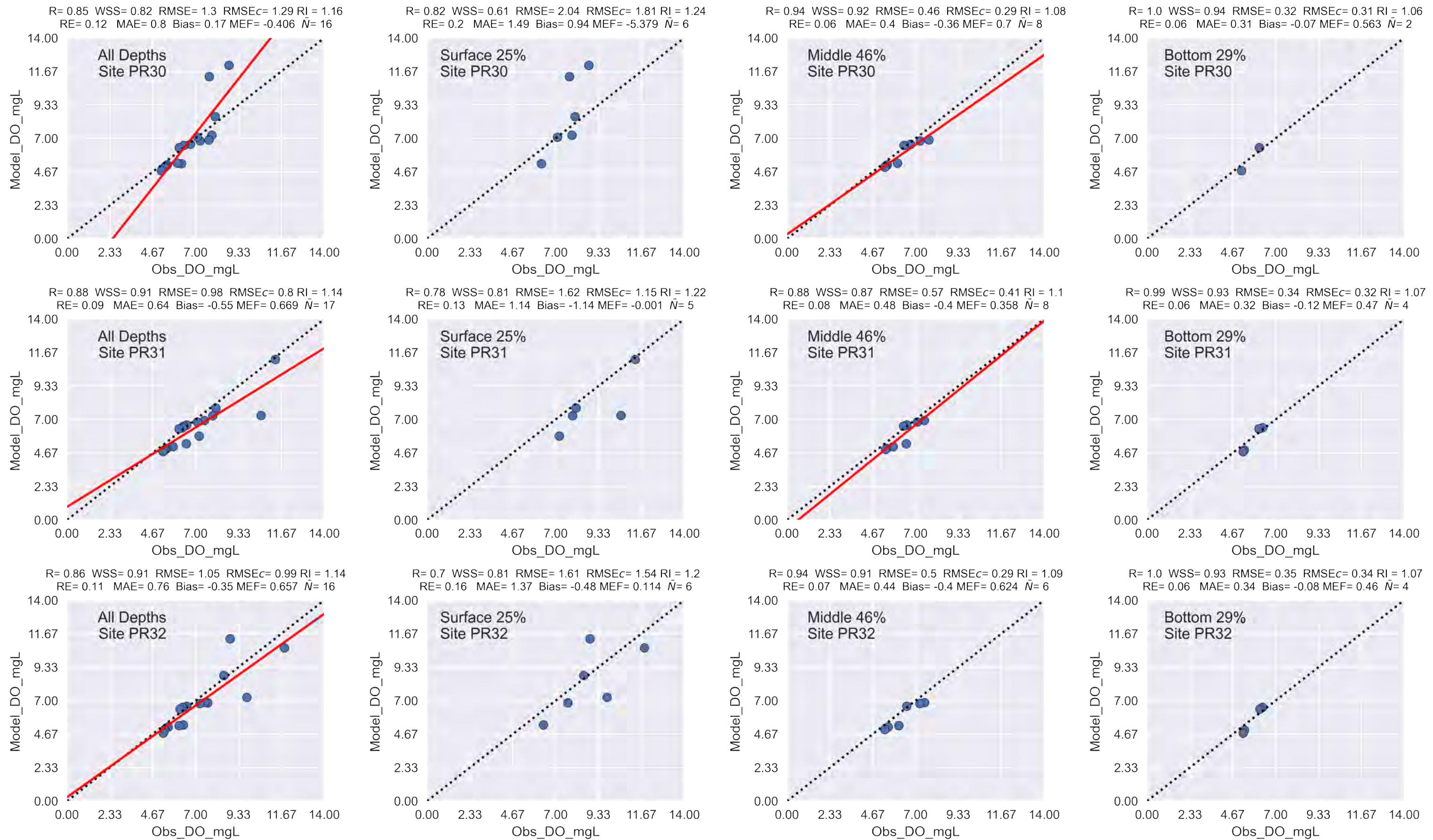


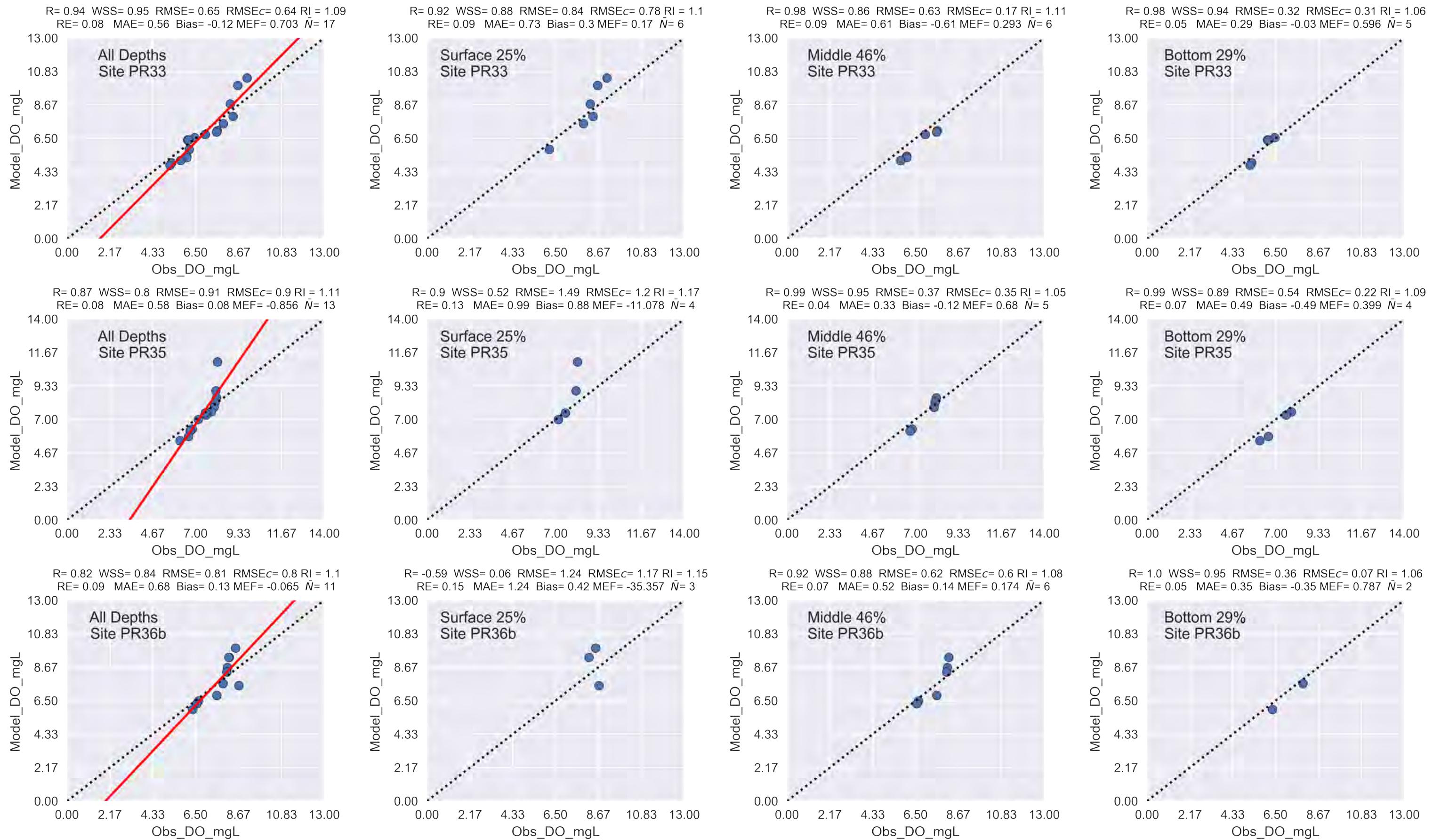


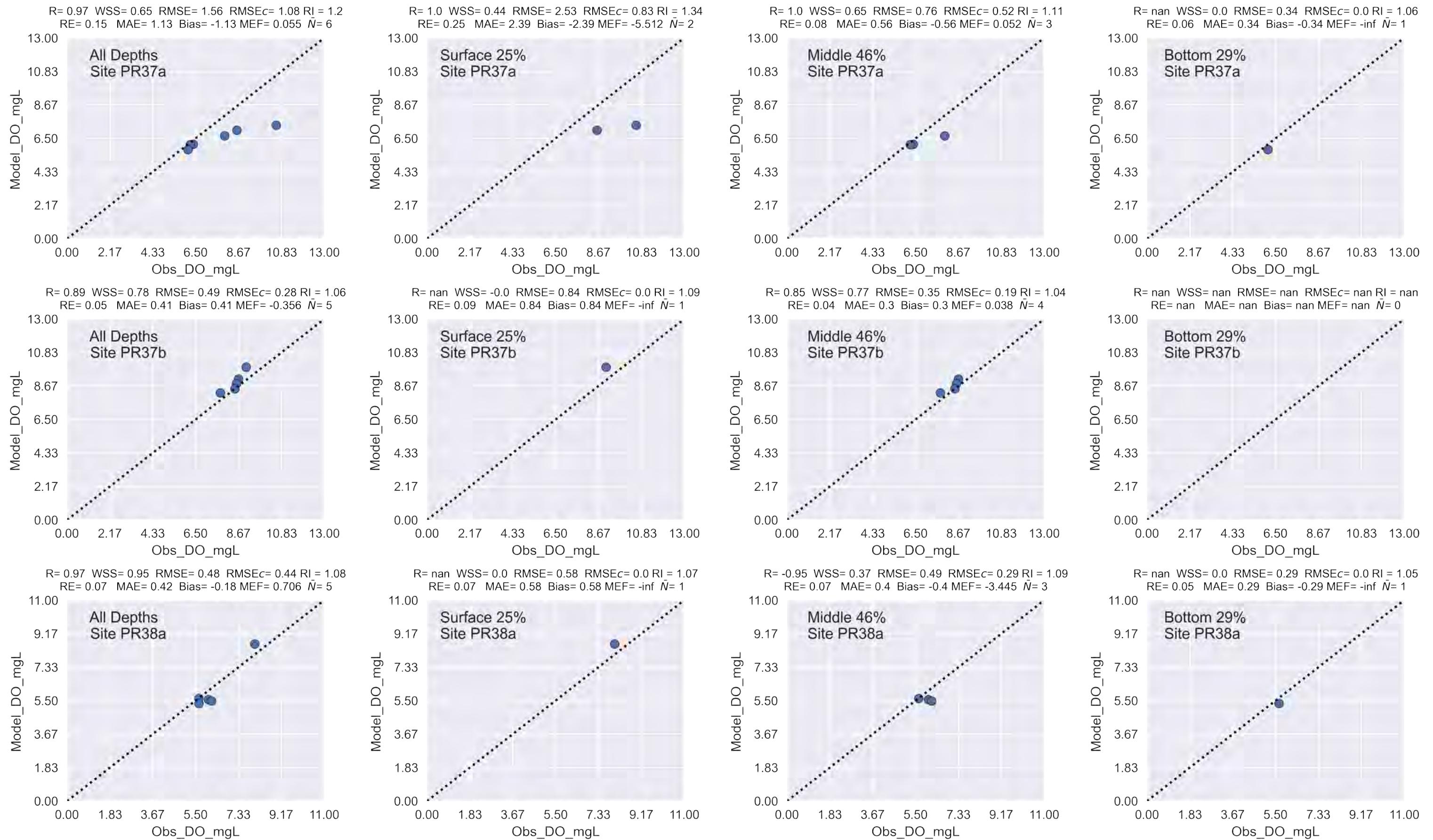


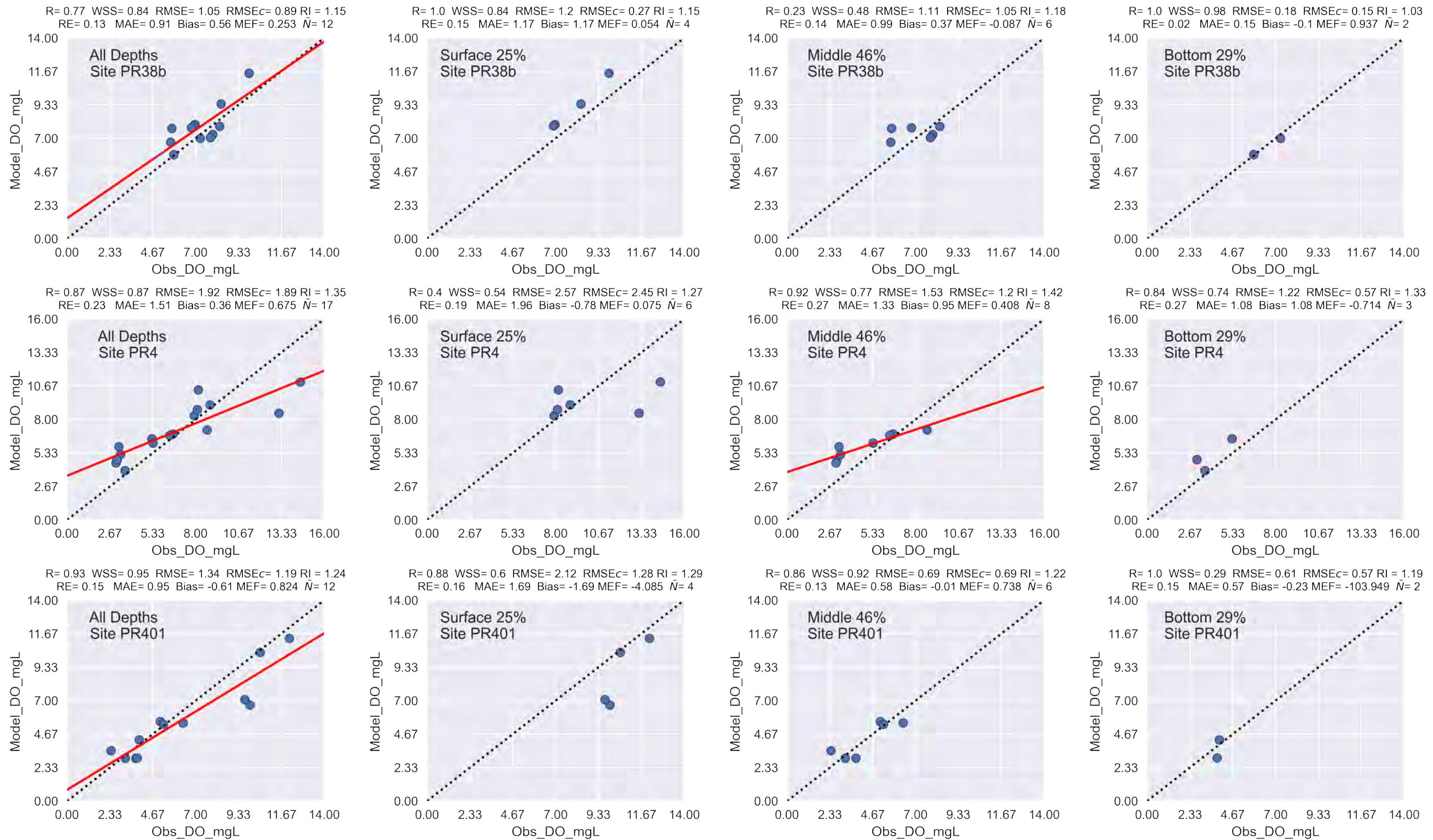


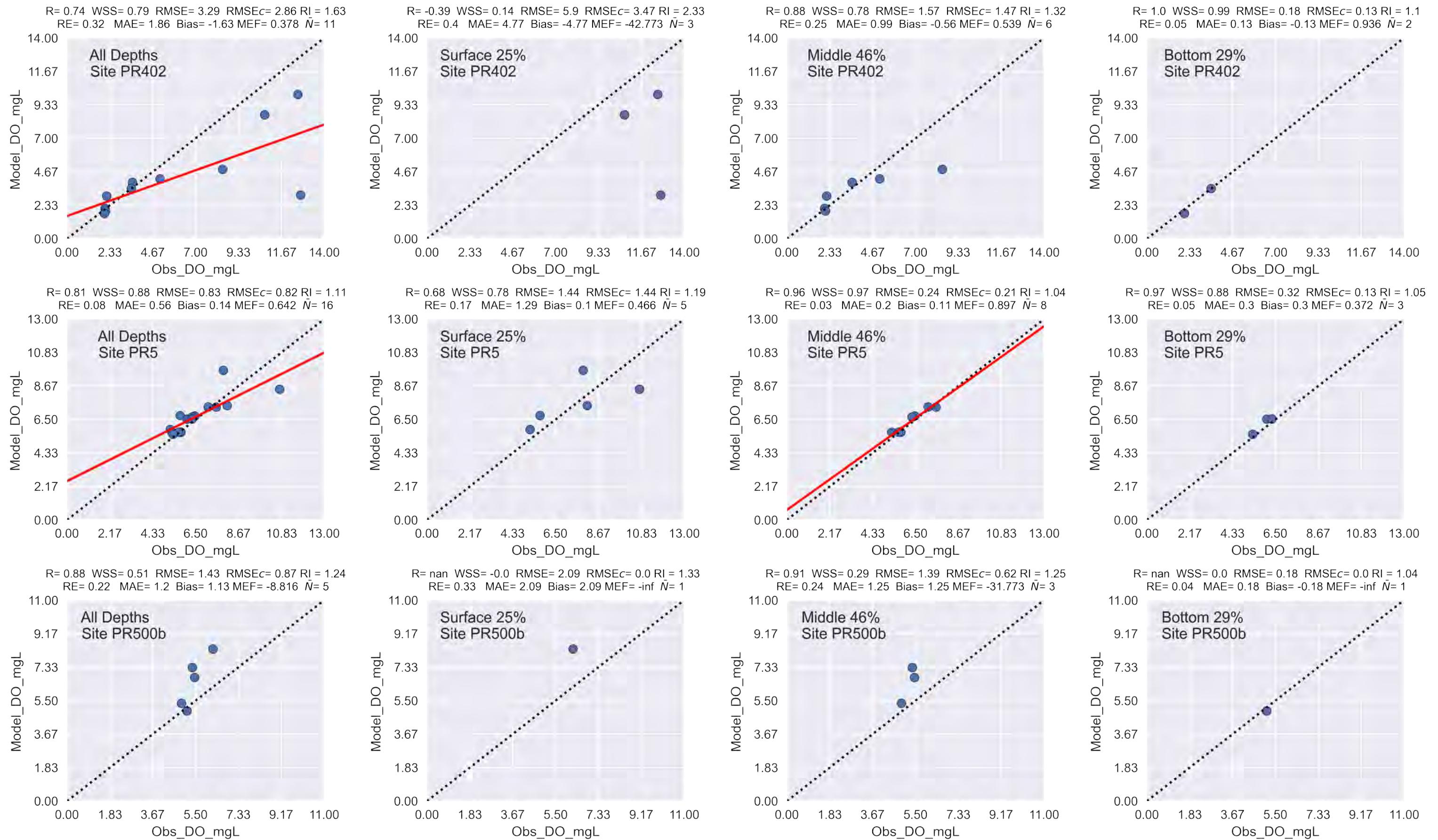


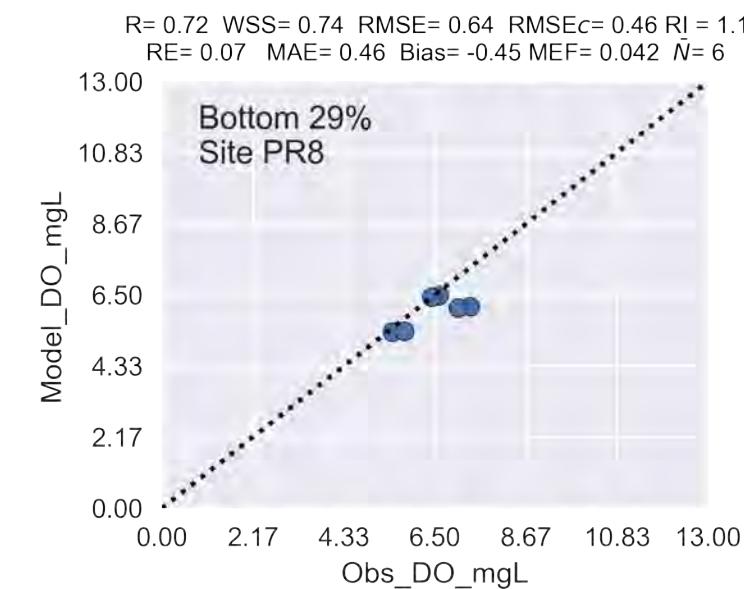
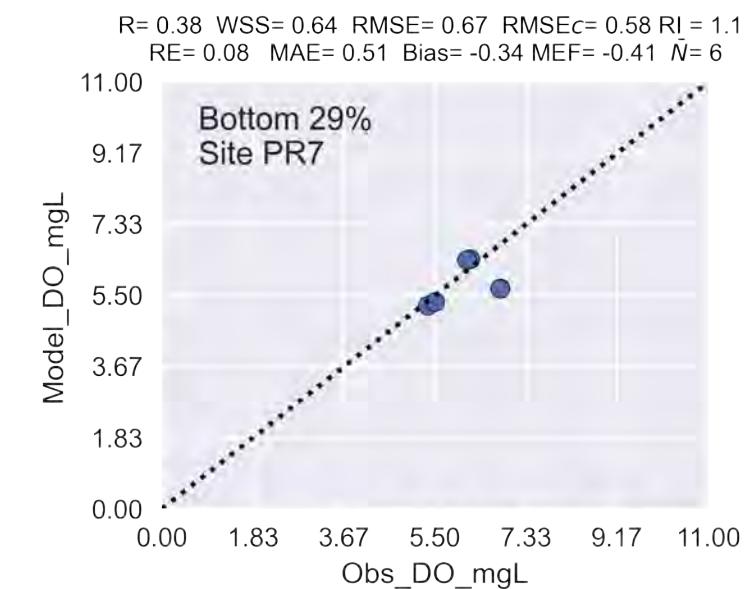
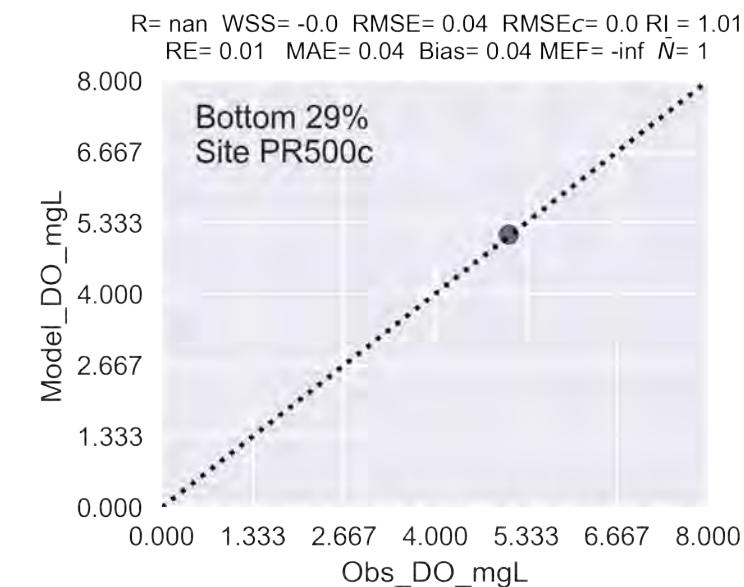
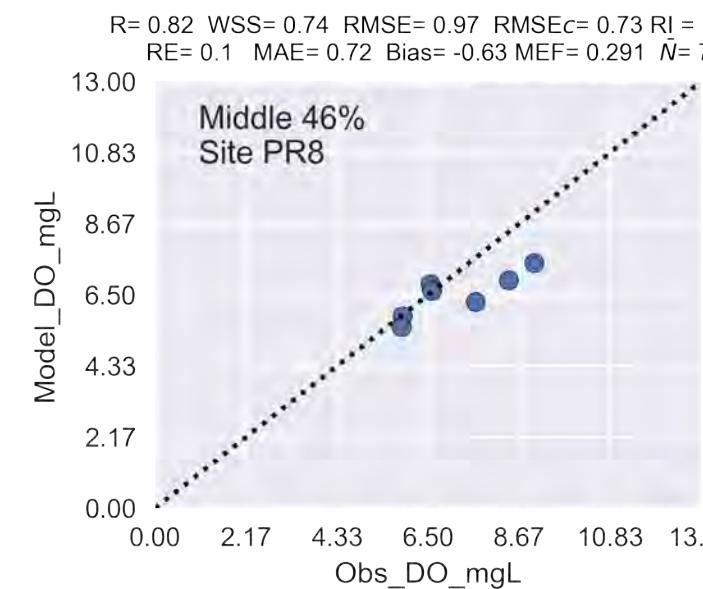
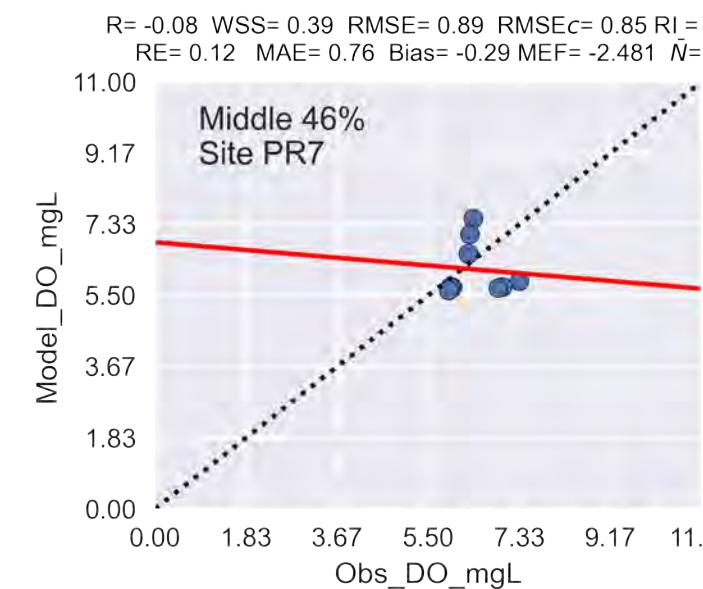
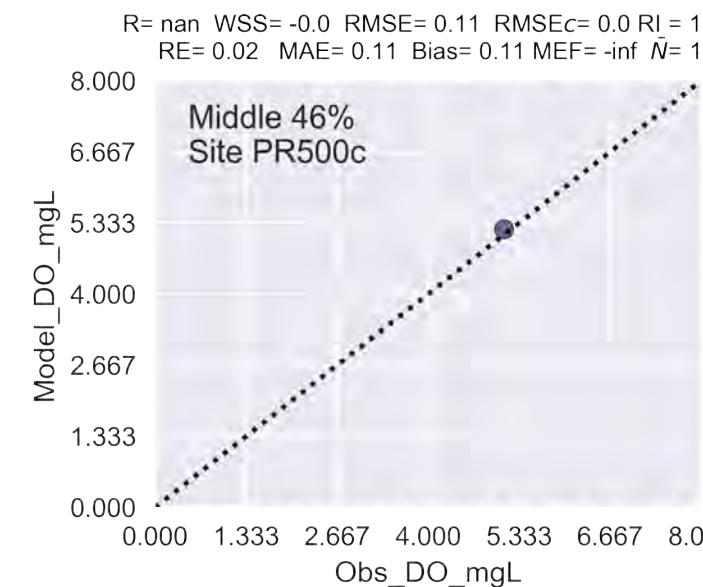
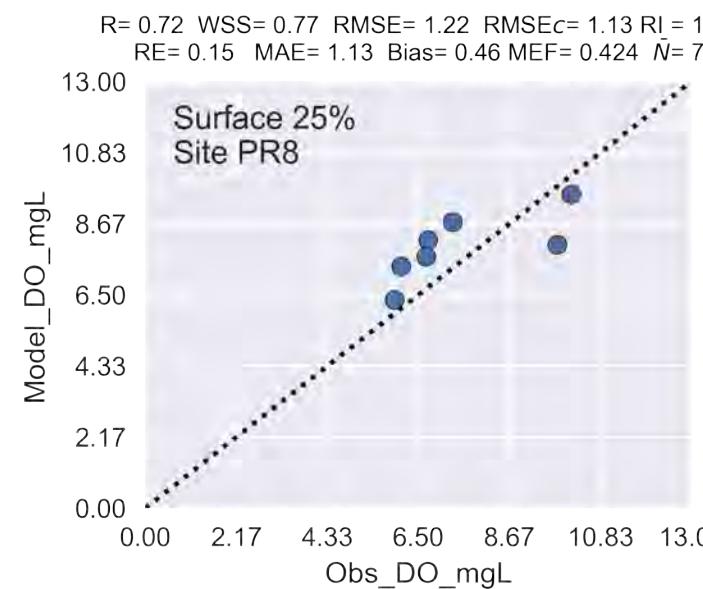
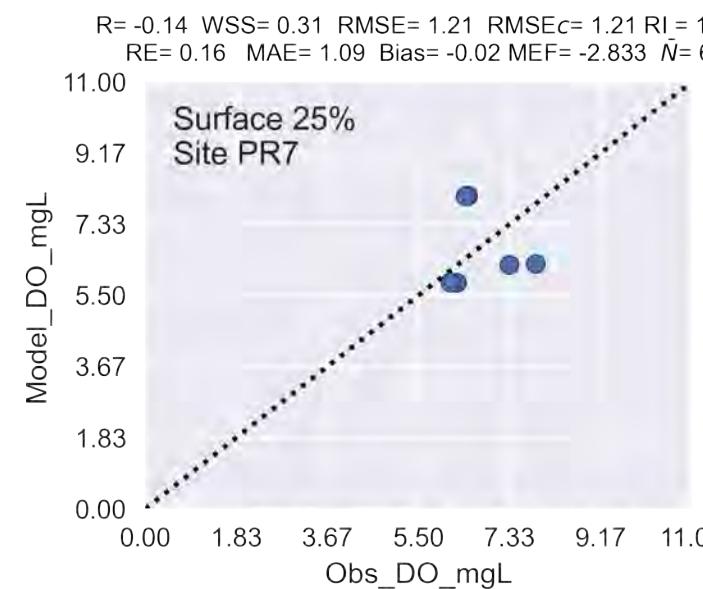
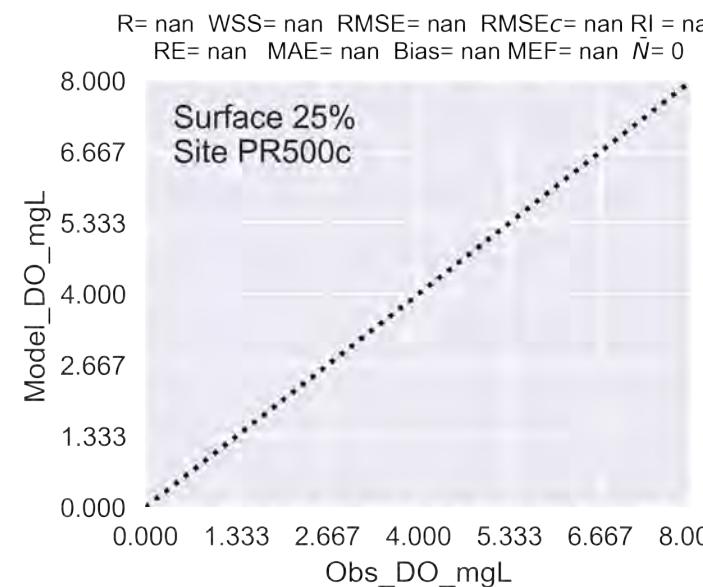
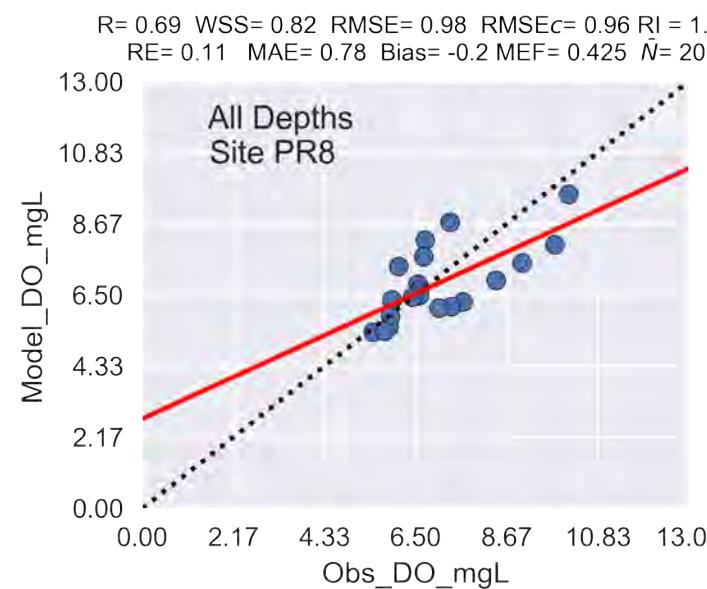
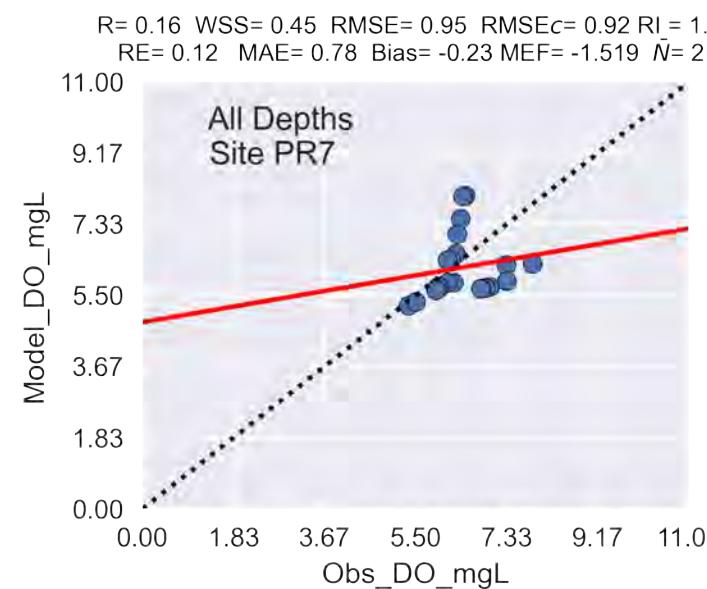
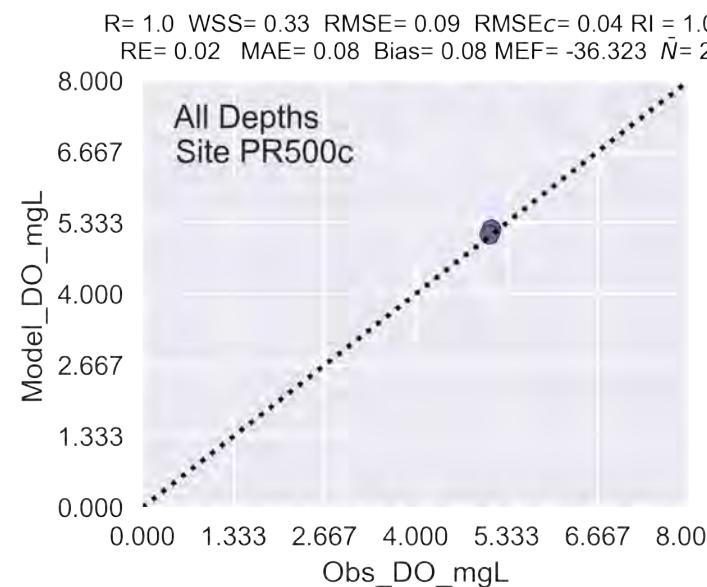


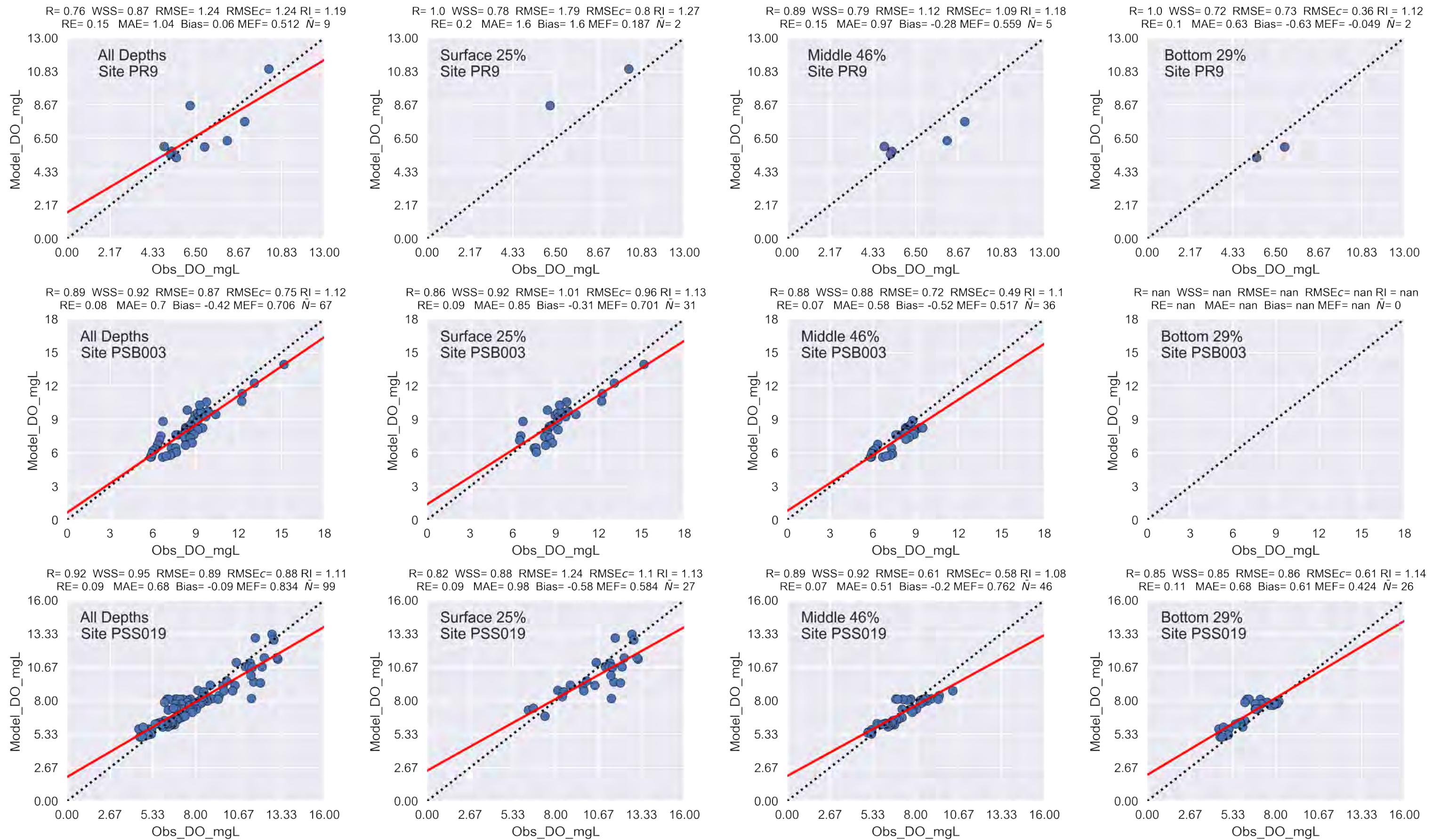


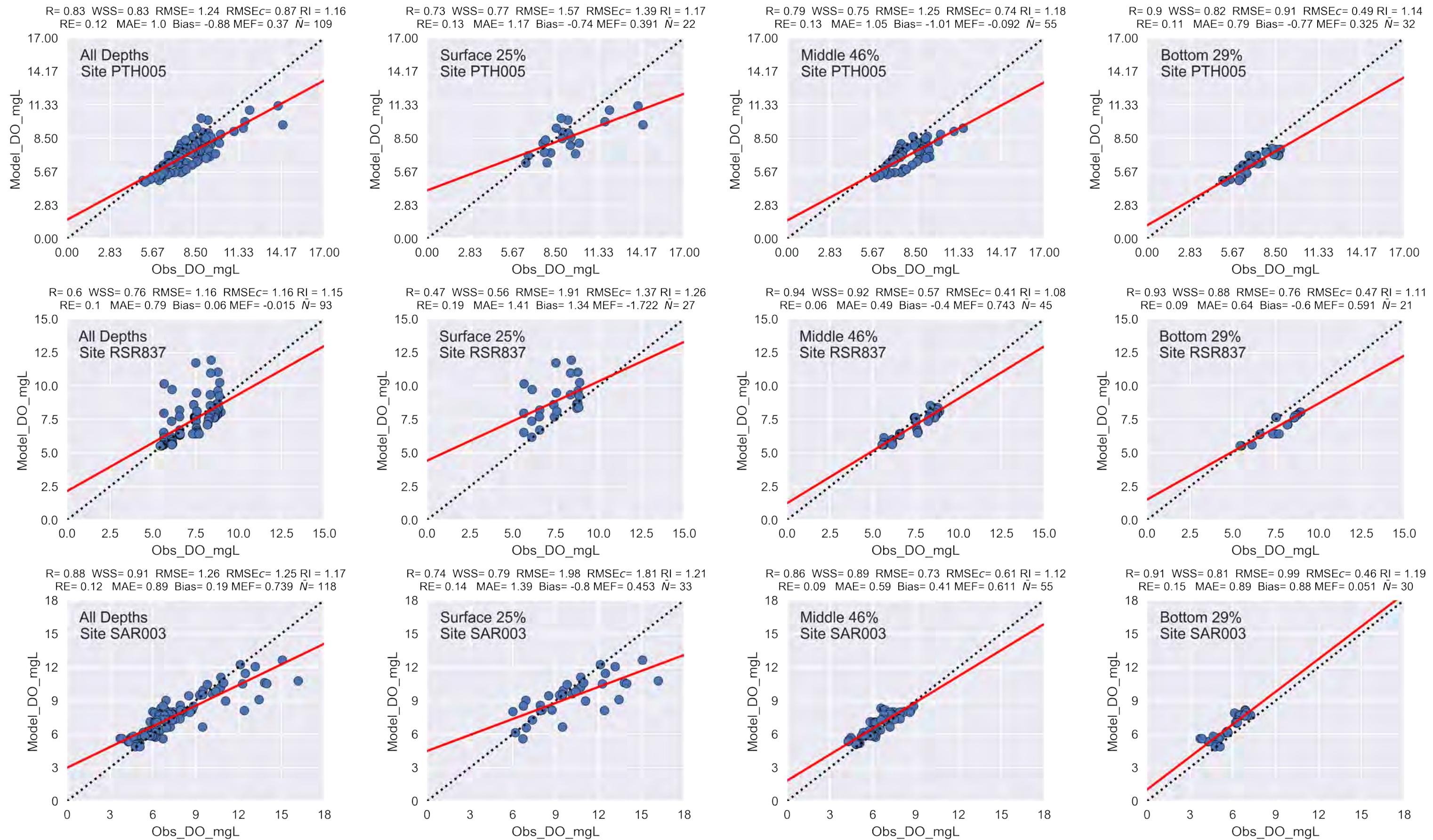


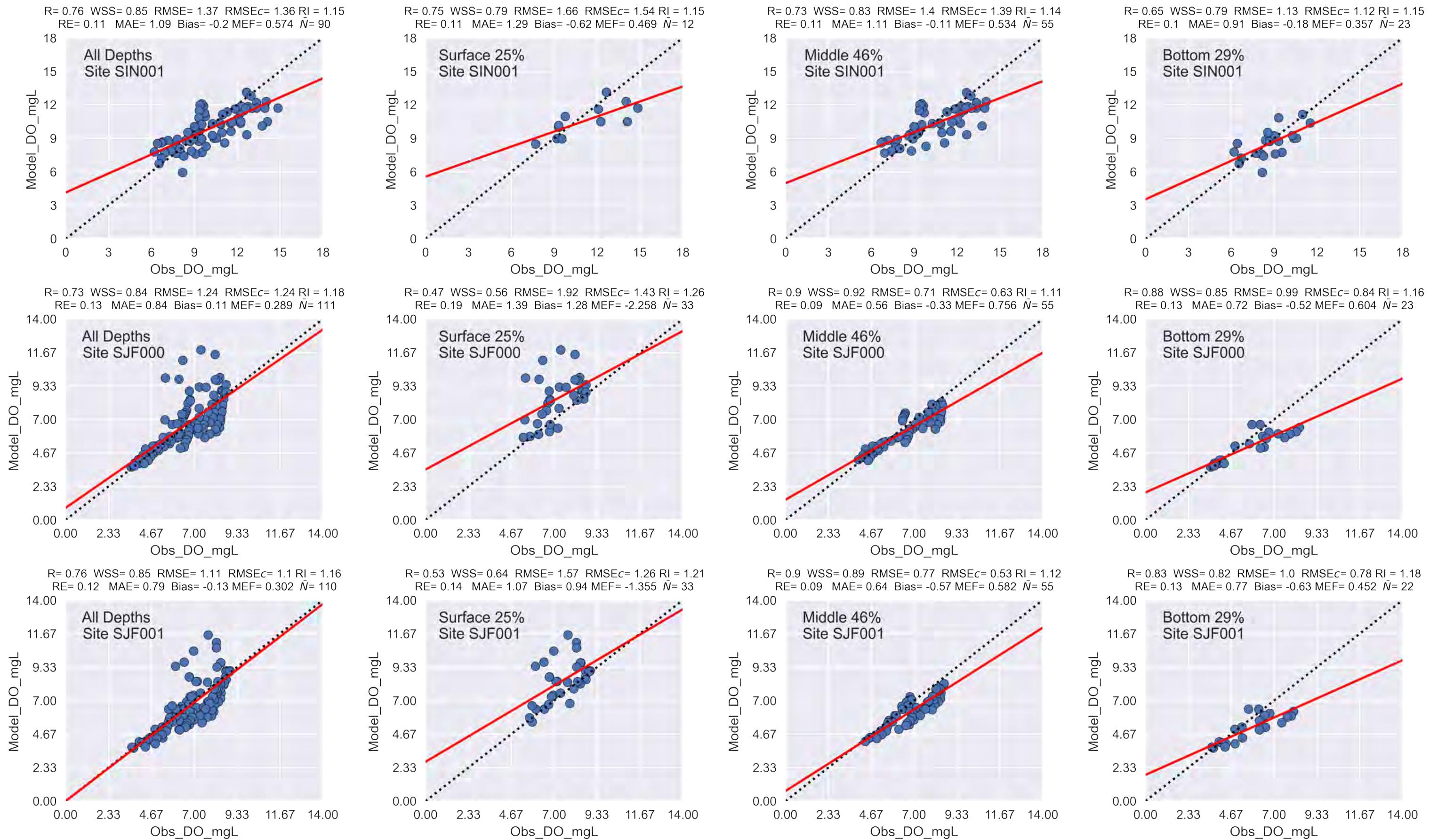


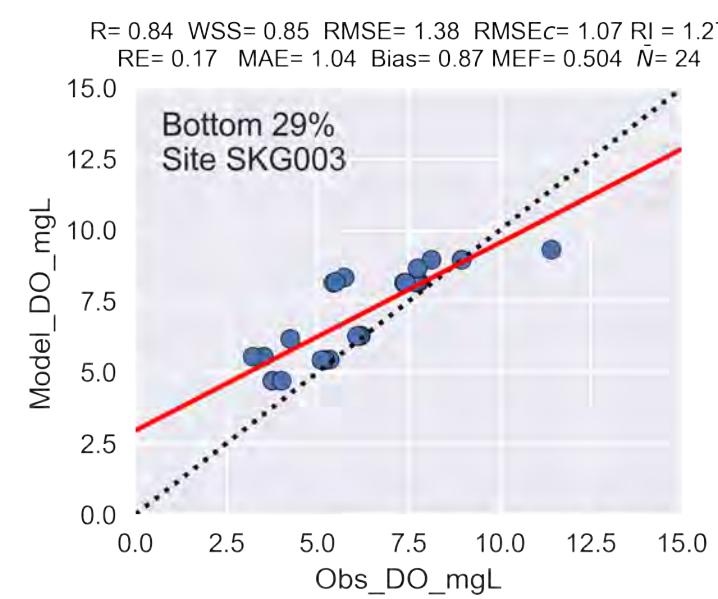
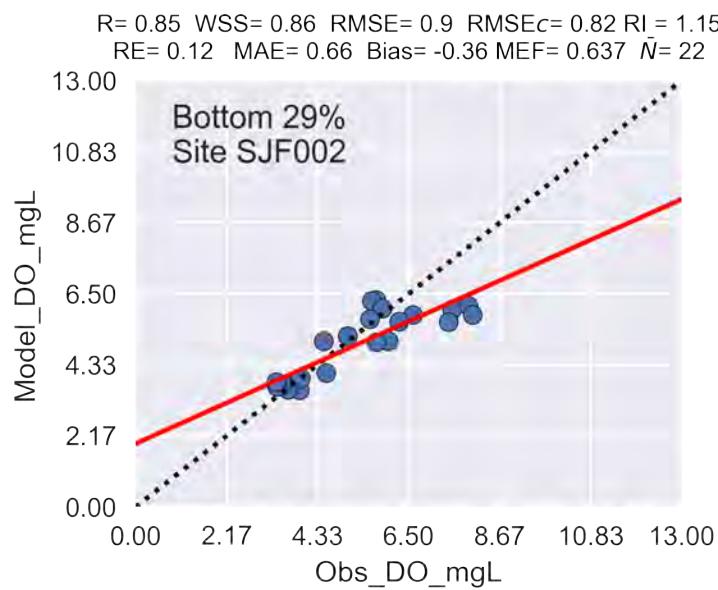
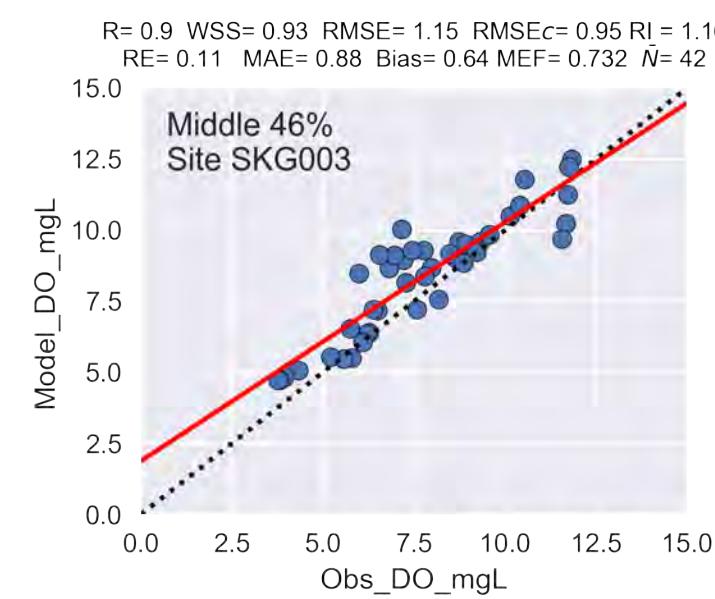
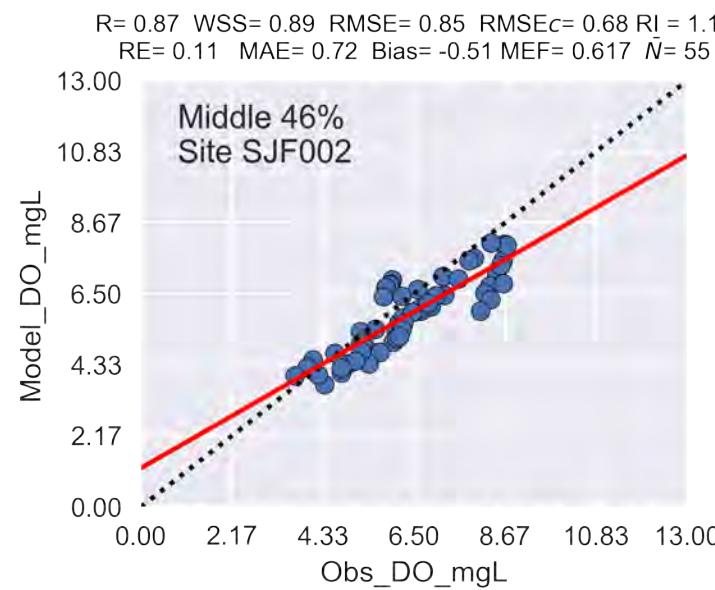
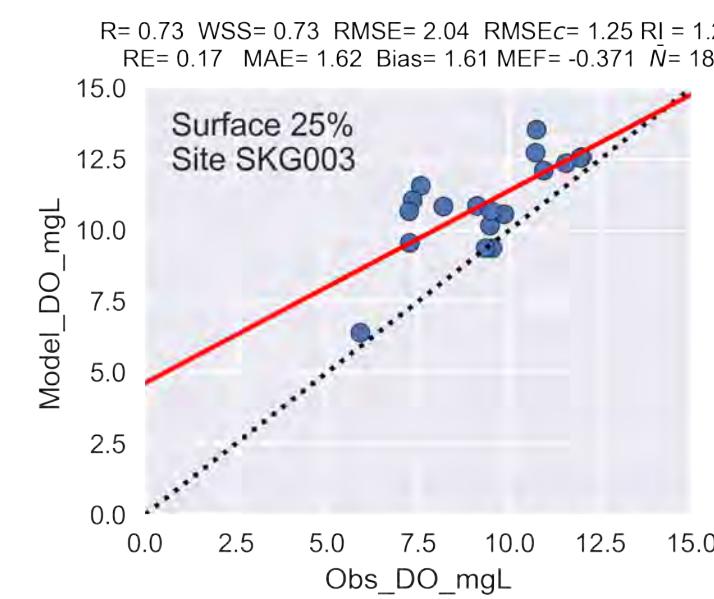
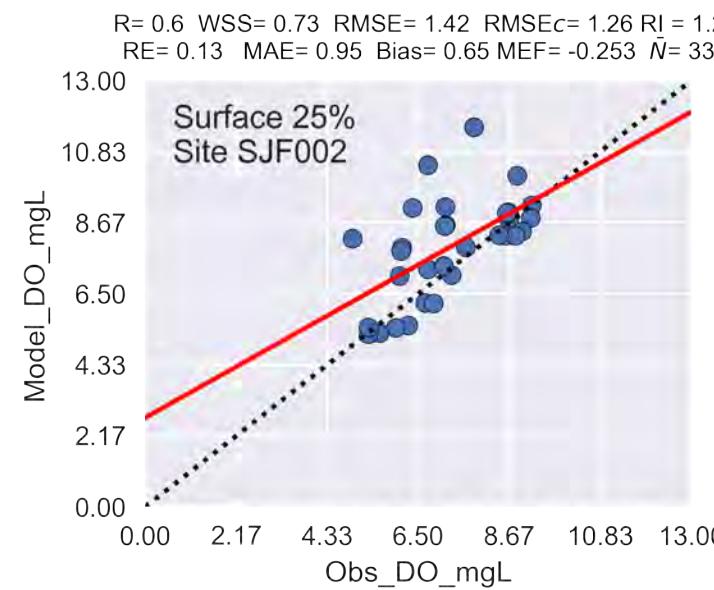
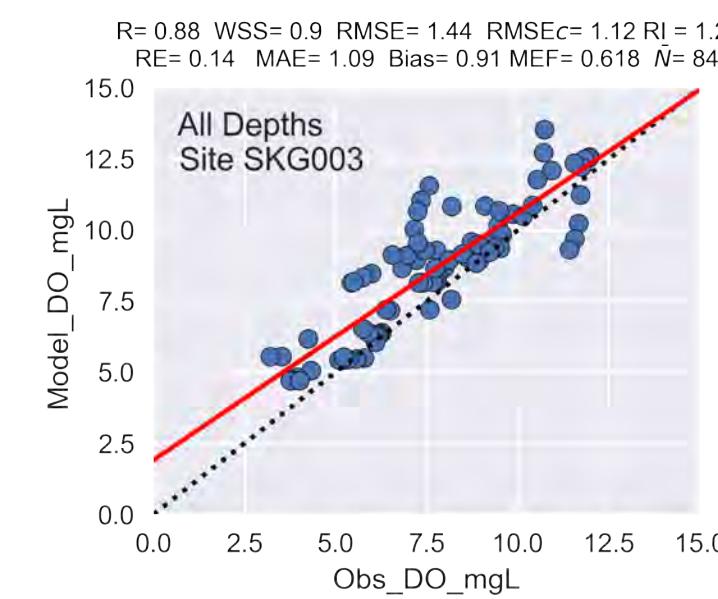
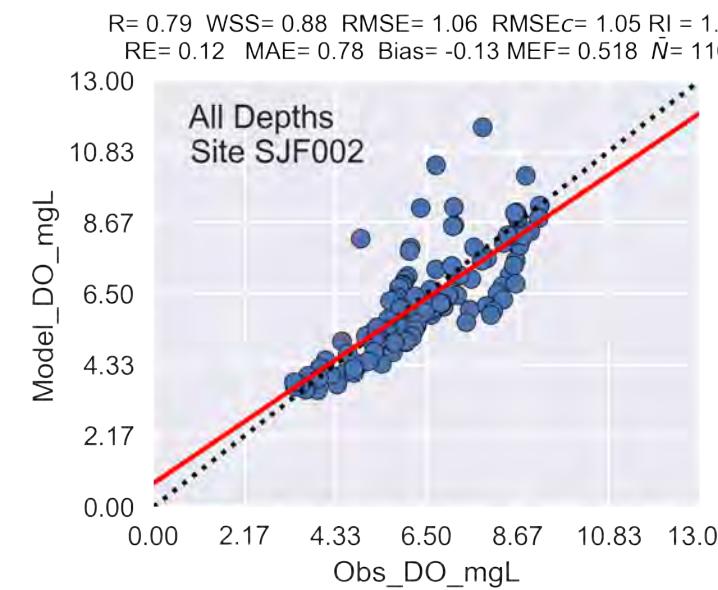












Appendix H3. Hydrodynamic Model Performance Plots for 2014

Model-predicted water surface elevations were compared with observed data at seven National Oceanic and Atmospheric Administration (NOAA) stations (Figure H3-1).



Figure H3-1. NOAA water surface elevation observation stations.

The following figures show 1:1 plots of model prediction versus observed data, along with error statistics, for all seven NOAA stations for year 2014. To assess whether model predictions match the observed phase, time series plots at the seven stations for year 2014 are also included.

