

Auxiliary material submission for Paper 2010GL045858
Detecting toxic diatom blooms from ocean color and a regional
ocean model

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Introduction

This section describes the development of
the empirical models for the biological component of our modeling
exercise. Here we provide the statistical GLM
modeling and model performance metrics that are given in two
tables, 2010GL045858_table1.txt and
2010GL045858_table2.txt. Please note there is a separate references list for references
unique
to the auxiliary section.

1. 2010GL045858_table1.txt
 - 1.1 Column "HAB Variable Threshold"
 - 1.2 Column "Best-fit Logistic GLM - Full"
 - 1.3 Column "DF", degrees of freedom
 - 1.4 Column "AIC", Akaike information criterion
 - 1.5 Column "POD", probability of detection
 - 1.6 Column "FAR", false alarm ratio
 - 1.7 Column "POFD", probability of false detection
 - 1.8 Column "HSS", Heidke skill score
 - 1.9 Column "Optimized Probability Threshold"
 - 1.10 Column "Nagelkerke's R²"
2. 2010GL045858_table2.txt
 - 2.1 Column "HAB Variable Threshold"
 - 2.2 Column "Best-fit Logistic GLM - RS"
 - 2.3 Column "DF", degrees of freedom

- 2.4 Column "AIC", Akaike information criterion
- 2.5 Column "POD", probability of detection
- 2.6 Column "FAR", false alarm ratio
- 2.7 Column "POFD", probability of false detection
- 2.8 Column "HSS", Heidke skill score
- 2.9 Column "Optimized Probability Threshold"
- 2.10 Column "Nagelkerke's R²"