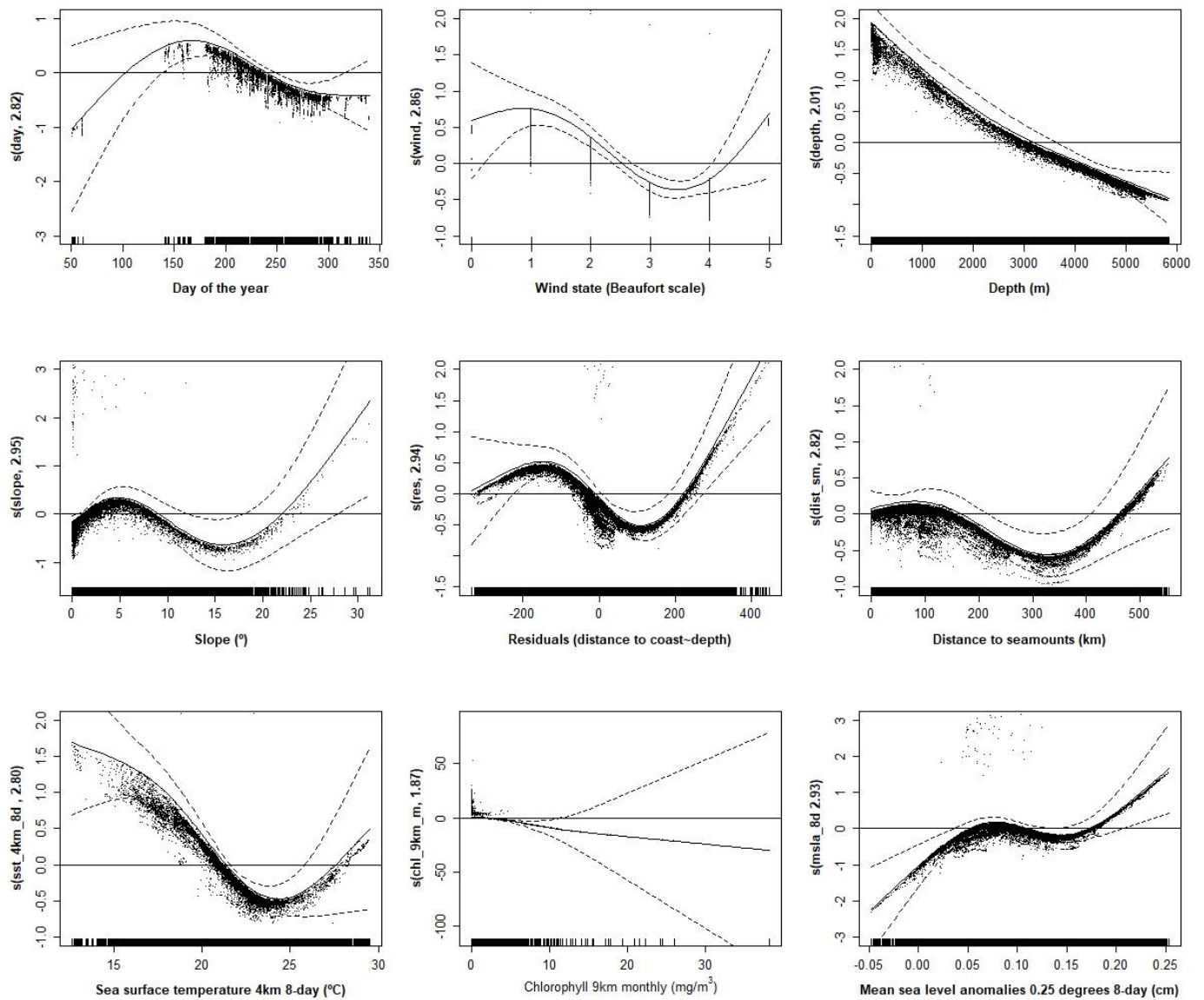
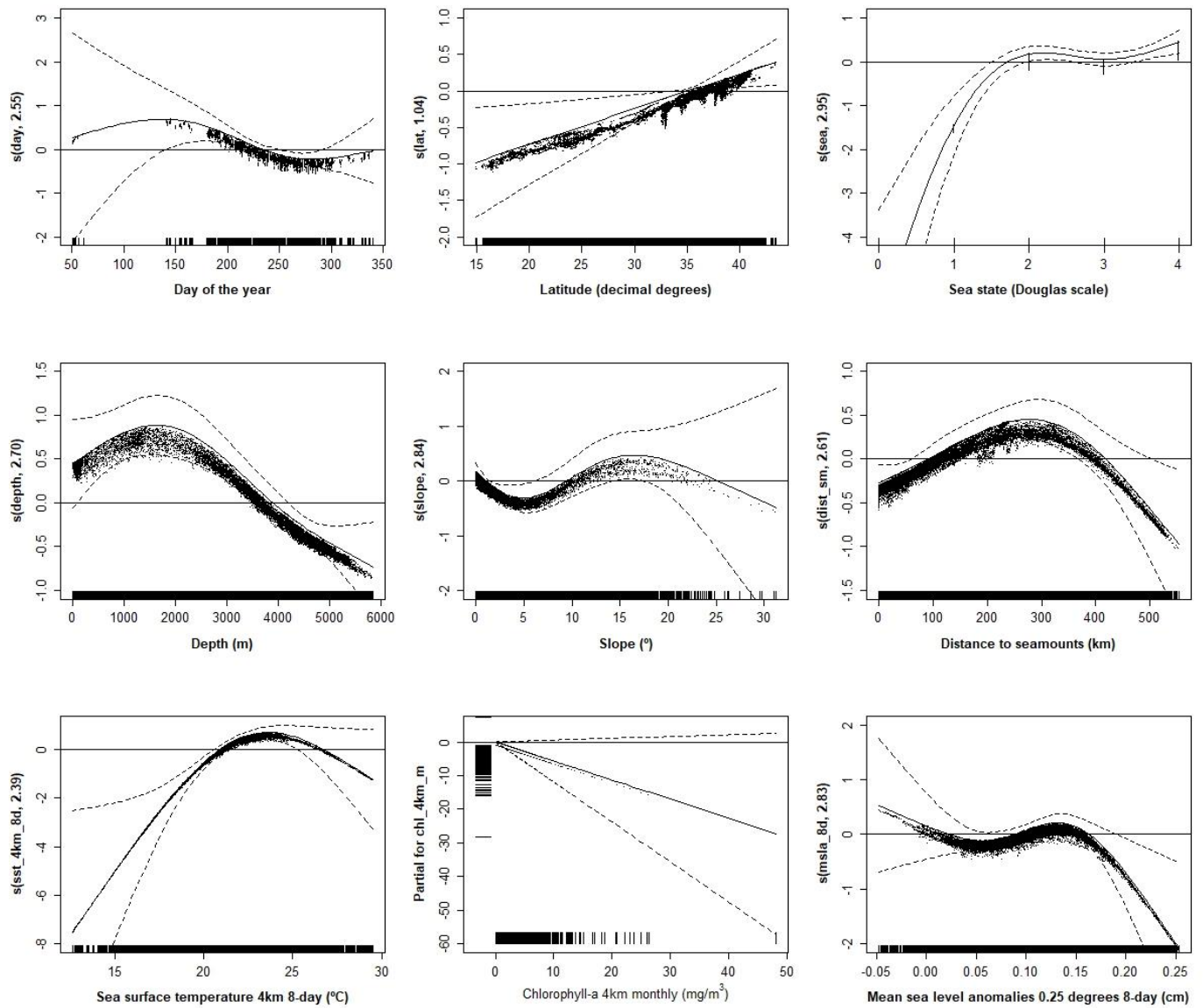


**Supplementary file 4.** GAM predicted splines of the response variable species presence as a function of the explanatory variables for the environmental model produced for cetacean species: a) *D. delphis*, b) *S. frontalis*, c) *S. coeruleoalba*, d) *T. truncatus*; e) *Z. cavirostris*, f) *Globicephala* sp., g) *P. macrocephalus* and h) *B. acutorostrata*. res – residuals from GAM model distance to coast ~ depth. The degrees of freedom are in brackets on the y-axis. Tick marks above the x-axis indicate the distribution of observations. Dashed lines delimit the 95% confidence intervals of the spline functions and dots on the graph area represent the residuals. The abbreviations used for the variables are defined in supplemental file 1.

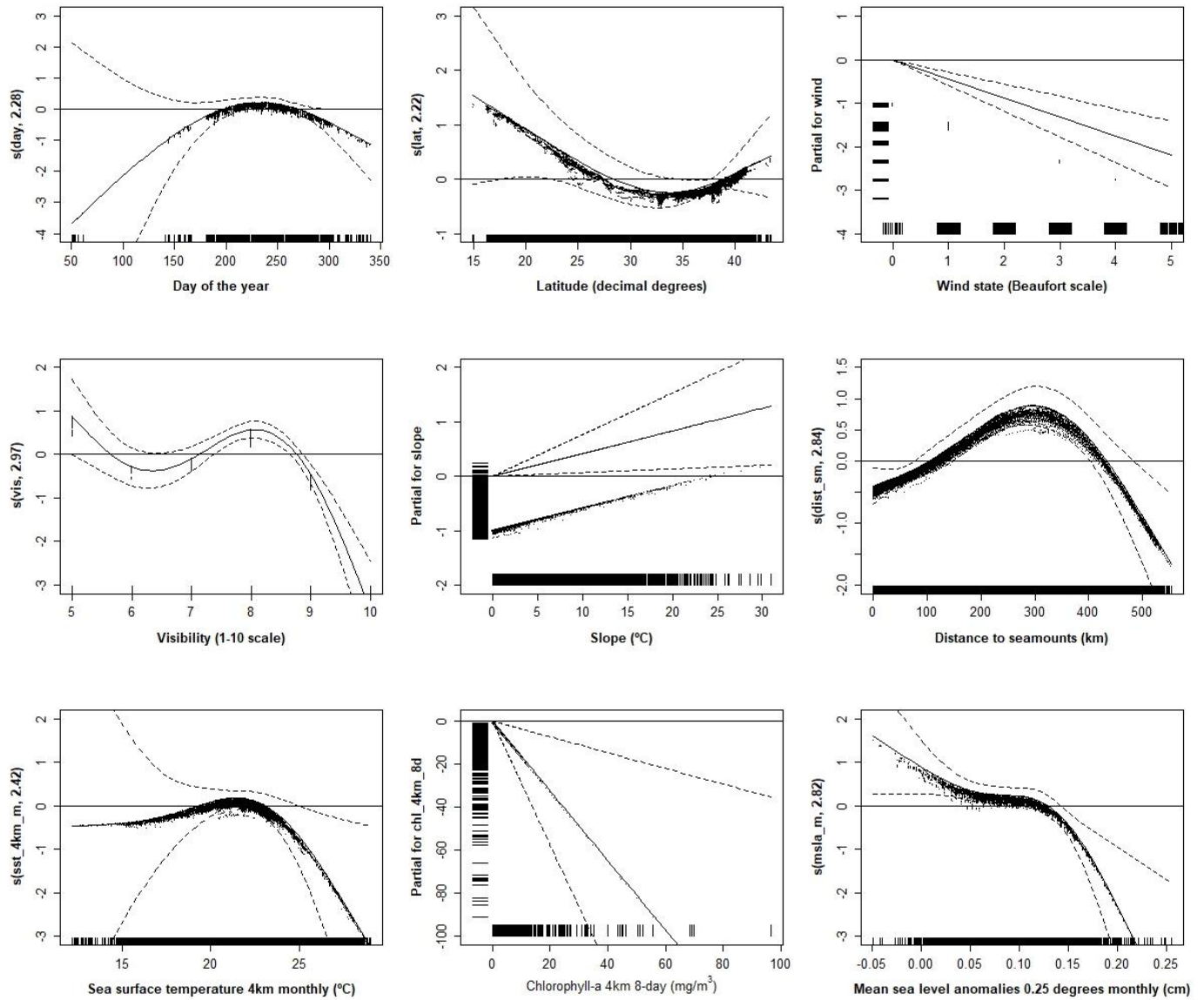
**a) *D. delphis***



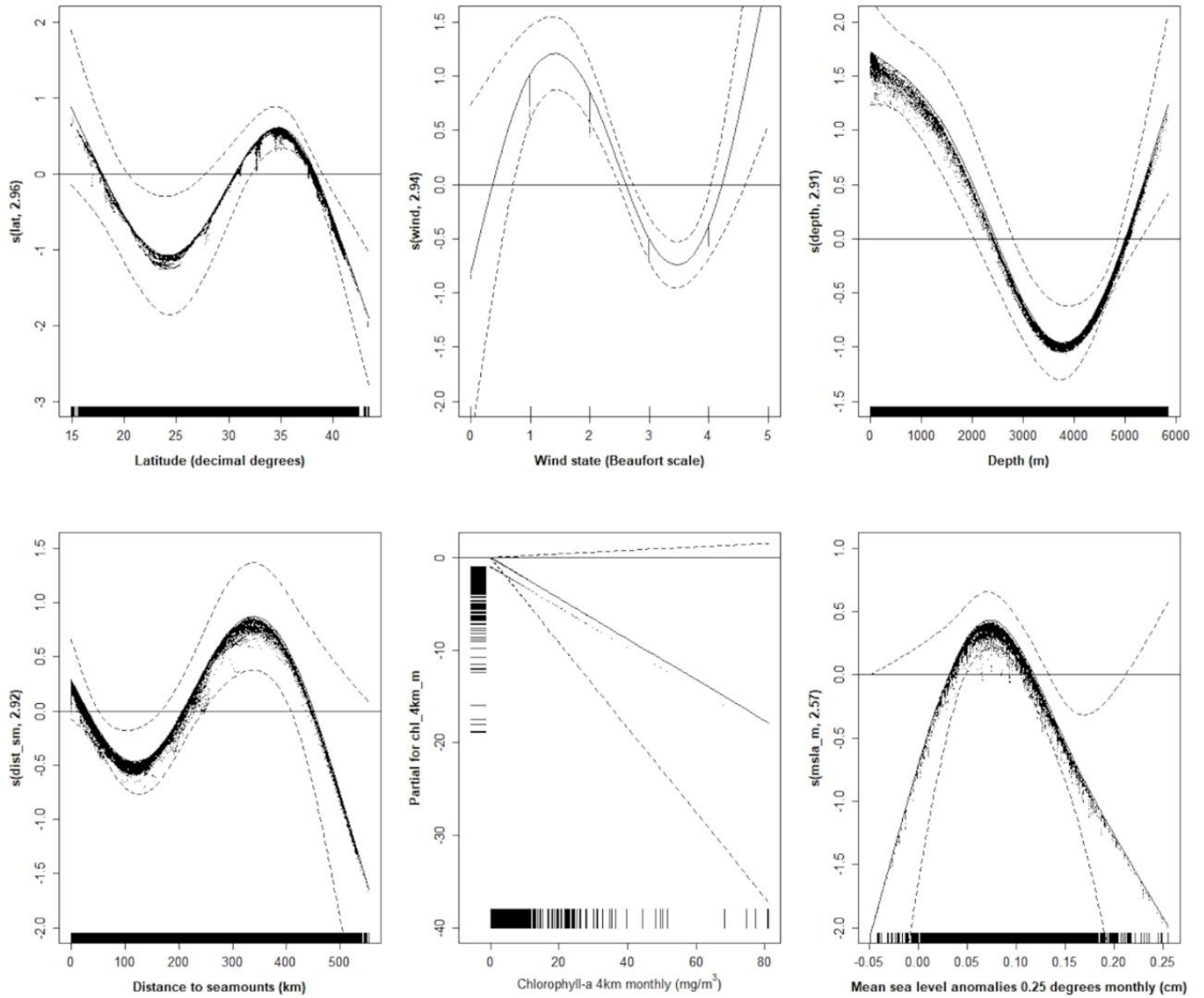
b) *S. frontalis*



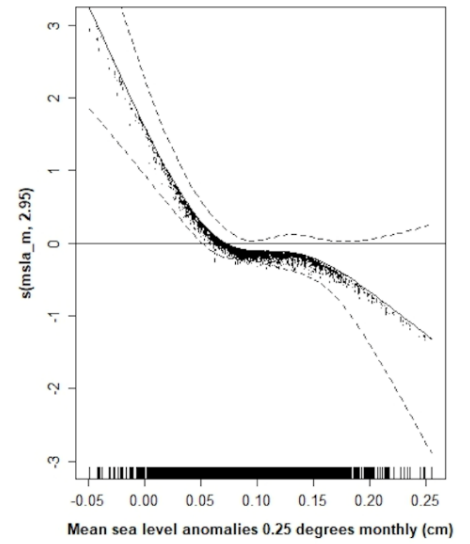
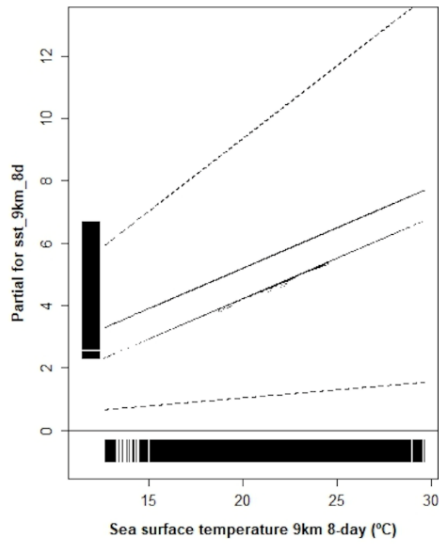
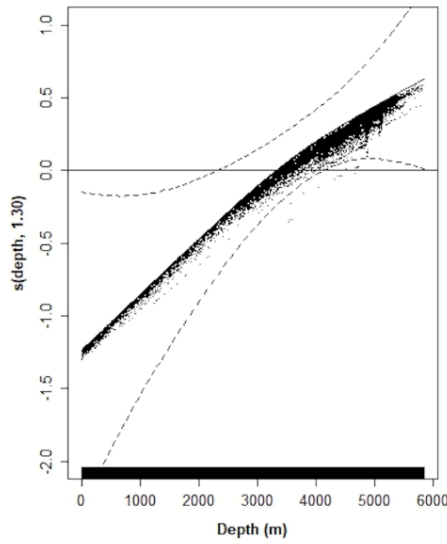
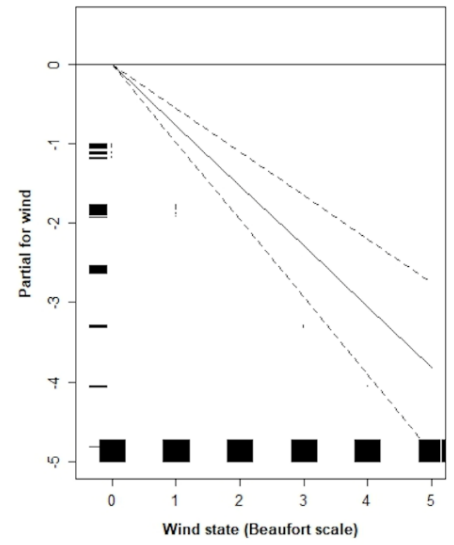
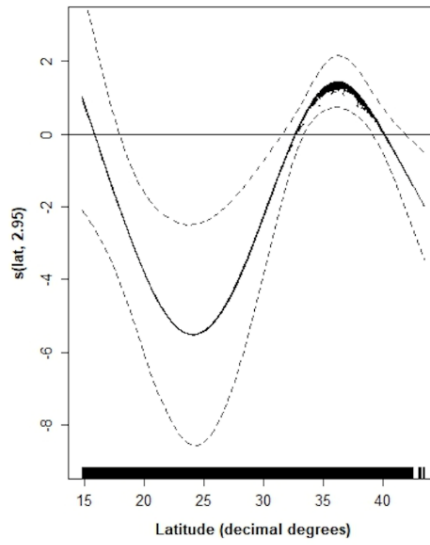
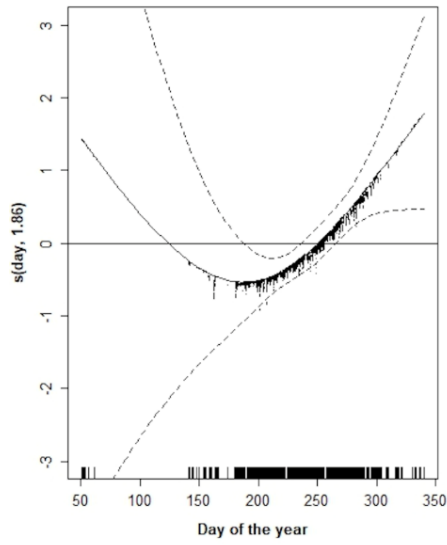
c) *S. coeruleoalba*



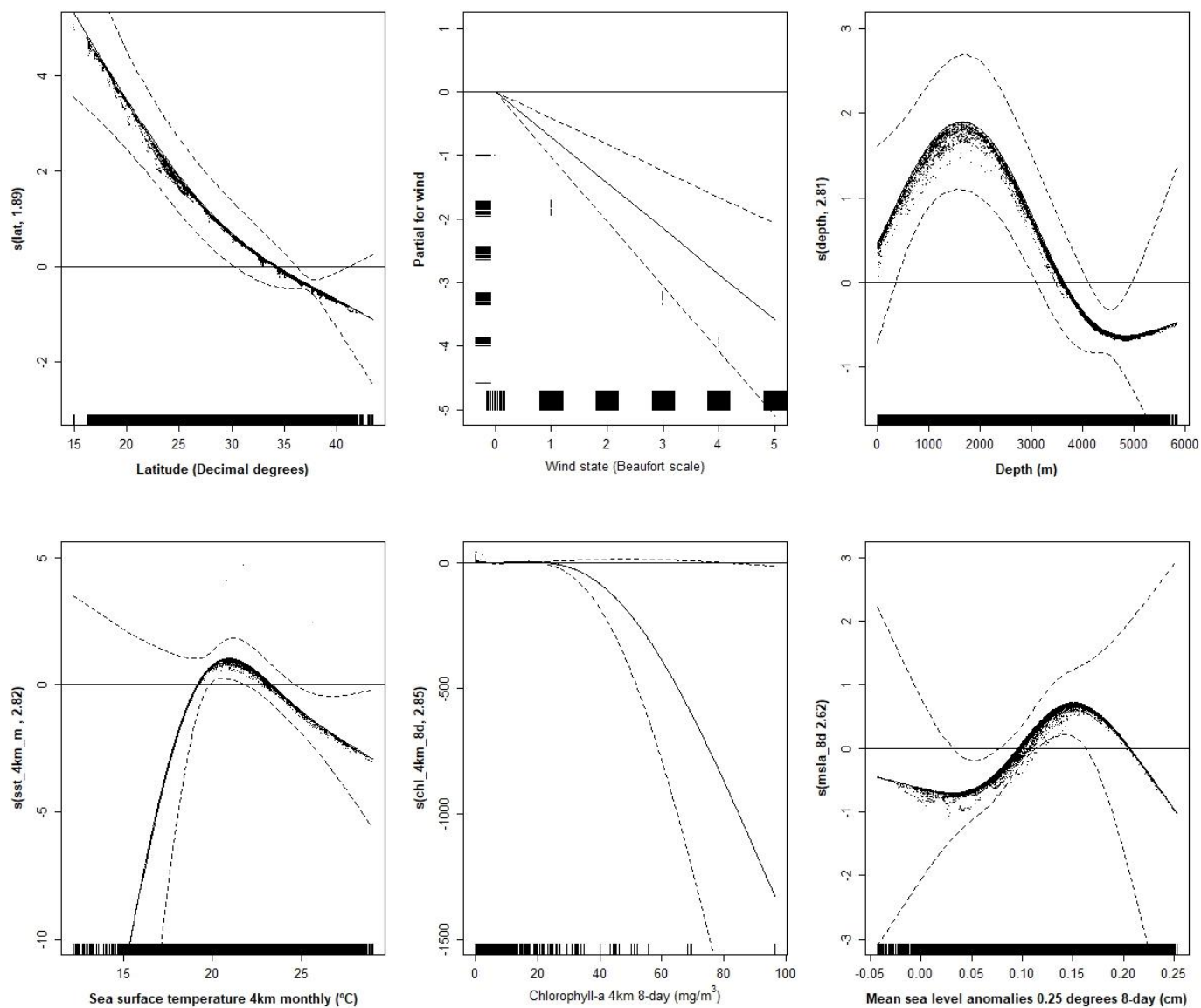
d) *T. truncatus*



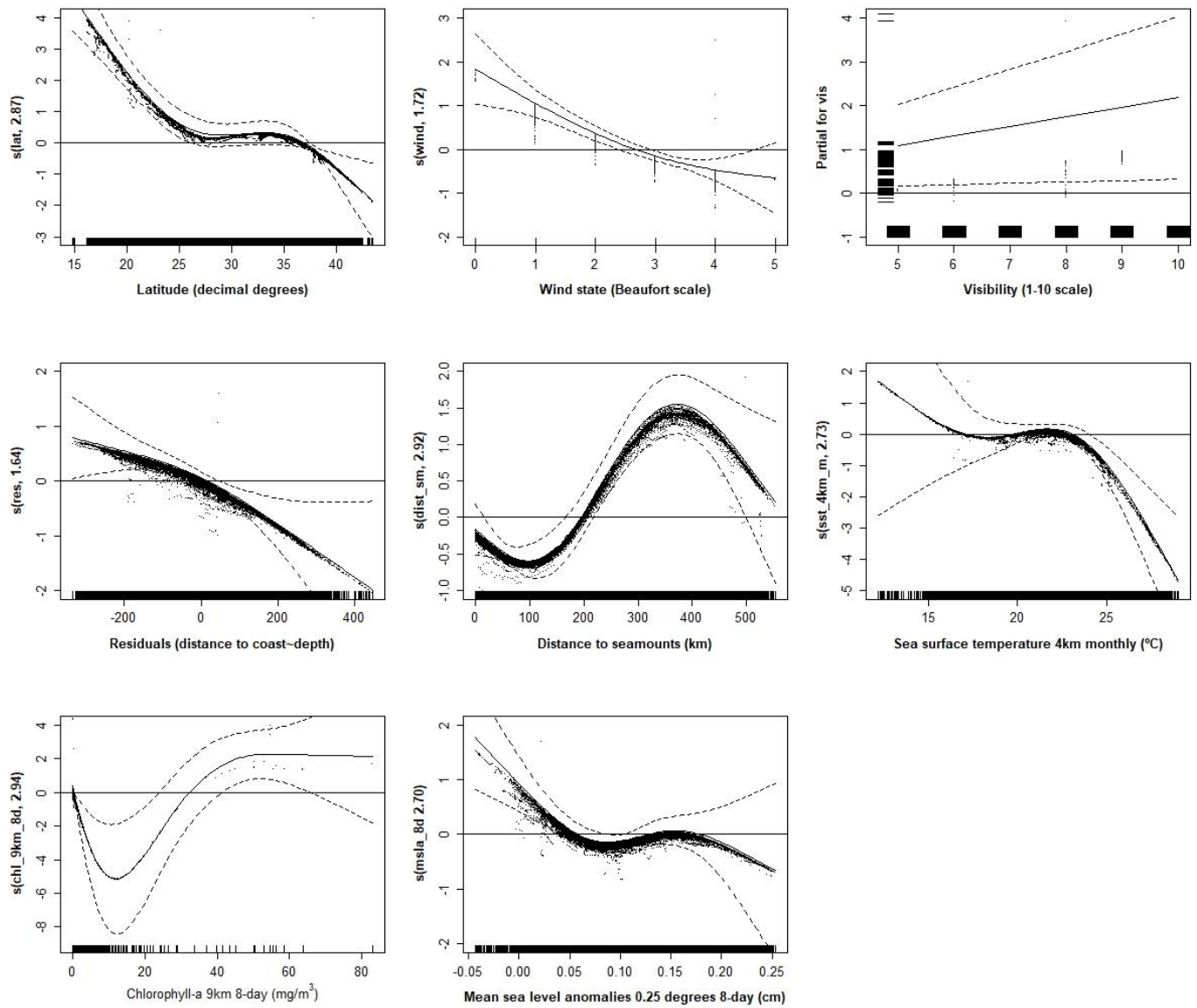
e) *Z. cavirostris*



f) *Globicephala* sp.



g) *P. macrocephalus*



**h) *B. acutorostrata***

