Supplemental Table 1. Environmental variables retained in the final generalized additive model (GAM) describing presence/absence of tagged scalloped hammerheads. Model fit was assessed with Akaike’s Information Criterion (AIC) and % deviance explained (% DE). The relative importance of each predictor variable to the final model is given as the difference in model AIC (ΔAIC) and % DE (ΔDE) if this variable is removed from the final model.

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| --- | --- |
| **Final Model**  | **AIC = 3153.5 %DE = 33.5** |
| Variable | ΔAIC | ΔDE |
| Chlorophyll *a* | 55.8 | 0.8 |
| Depth | 278.8 | 6.3 |
| Distance to artificial habitat | 265.1 | 6.4 |
| Distance to hard bottom habitat | 21.2 | 0.5 |
| ID (Random) | 39.9 | 1.9 |
| Salinity | 28.5 | 0.7 |
| SSHA | 13.6 | 0.4 |