

Table S1.

Model	AIC	Δ AIC
Presence ~ Day + Hour + chla + moon	134134.3	0
Presence ~ Day + Hour + chla	134216.8	82.4
Presence ~ Day + Hour + moon	134707.8	573.5
Presence ~ Day + Hour	134830.4	696.1
Presence ~ Day + chla + moon	135299.9	1159.5
Presence ~ Day + chla	135381.9	1165.6
Presence ~ Day + moon	135870.3	1736.0
Presence ~ Day	135992.2	1857.9
Presence ~ Hour + chla + moon	140563.4	6429.1
Presence ~ Hour + chla	140589.1	6454.8
Presence ~ moon + chla	141697.9	7563.6
Presence ~ chla	141723.5	7589.2
Presence ~ Hour + moon	142185.4	8051.1
Presence ~ Hour	142299.0	8164.7
Presence ~ moon	143312.9	9178.6
Presence ~ 1	143425.9	9291.6