Table S1. Summary information for long-distance, round-trip southern excursions for shortfin mako sharks tagged in the western North Atlantic. Residence duration represents the residence period at the southern terminus of each excursion. Turn angle represents the mean (SE) of turn angles between daily displacements. \* Values unable to be calculated due to data gaps

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Shark # | Sex | Start date | End date | Excursion duration (days) | Residence duration (days) | Southernmost latitude | Southern  excursion turn angle | Northern  excursion turn angle |
| 14 | F | 4 Nov | 22 Dec | 48 | 3 | 22.22° N | 12.3 (1.7) | 11.6 (1.9) |
| 17 | M | 24 Jan | 30 Apr | 96 | 1 | 9.69° N | 10.4 (2.0) | 8.9 (1.3) |
| 20 | F | 3 Sep | 23 Oct | 50 | 1 | 29.08° N | 24 (4.6) | 19.8 (4.8) |
| 20 | F | 1 Jul | 2 Aug | 58 | \* | 28.73° N | 20.8 (3.0) | 26.6 (6.6) |
| 21 | F | 20 Nov | 14 Feb | 86 | 18 | 18.84° N | 10.6 (2.3) | 31.7 (10.7) |
| 18 | M | 20 Dec | 27 Apr | 128 | 25 | 10.73° N | 15.2 (2.5) | 9.9 (1.5) |
| 23 | M | 21 Feb | 7 May | 75 | 5 | 21.39° N | 8.8 (3.9) | 10.7 (1.7) |
| 22 | M | 10 Mar | 6 Jun | 88 | \* | 18.39° N | \* | \* |