

Supplementary Materials

Table S1: Estimated mixed stock analysis (MSA) contributions from Atlantic leatherback rookeries to the SWAO foraging aggregation using flat priors (MSA₁) and weighted rookery size priors (MSA₂). The mean and upper and lower 95% credible intervals (CI) are shown. Abbreviations correspond with Figure 1

Stock	MSA	Mean	Standard deviation	2.5%	Median	97.5%
BRA	MSA ₁	0.0100	0.0202	0.0000	0.0007	0.0724
	MSA ₂	0.0103	0.0200	0.0000	0.0007	0.0698
NWC	MSA ₁	0.0146	0.0303	0.0000	0.0007	0.1081
	MSA ₂	0.0132	0.0312	0.0000	0.0005	0.1113
SEC	MSA ₁	0.0047	0.0113	0.0000	0.0002	0.0404
	MSA ₂	0.0046	0.0120	0.0000	0.0002	0.0403
STX	MSA ₁	0.0037	0.0097	0.0000	0.0001	0.0337
	MSA ₂	0.0047	0.0120	0.0000	0.0002	0.0408
GHA	MSA ₁	0.3753	0.2066	0.0001	0.3513	0.9369
	MSA ₂	0.3504	0.1588	0.0331	0.3354	0.7419
GAB	MSA ₁	0.5642	0.2064	0.0002	0.5872	0.9275
	MSA ₂	0.5916	0.1636	0.1887	0.6046	0.8796
SAF	MSA ₁	0.0277	0.0429	0.0000	0.0050	0.1486

MSA ₂	0.0252	0.0402	0.0000	0.0035	0.1414
------------------	--------	--------	--------	--------	--------
