

APPENDIX

Table A1. Summary of linear mixed model selection based on AIC. The best supported models are highlighted in bold.

$\delta^{13}\text{C}$			
Model terms	df	AIC	AIC Δ
Season	5	451.3	0
Season + Sex	6	453.2	1.8
Season + Sex + Season*Sex	8	455.9	4.6
Null	3	475.4	24.0
Sex	4	477.2	25.9
$\delta^{15}\text{N}$			
Model terms	df	AIC	AIC Δ
Season	5	446.1	0
Season + Sex	6	446.4	0.3
Season + Sex + Season*Sex	8	449.7	3.6
Sex	4	474.8	28.7
Null	3	475.1	29.0

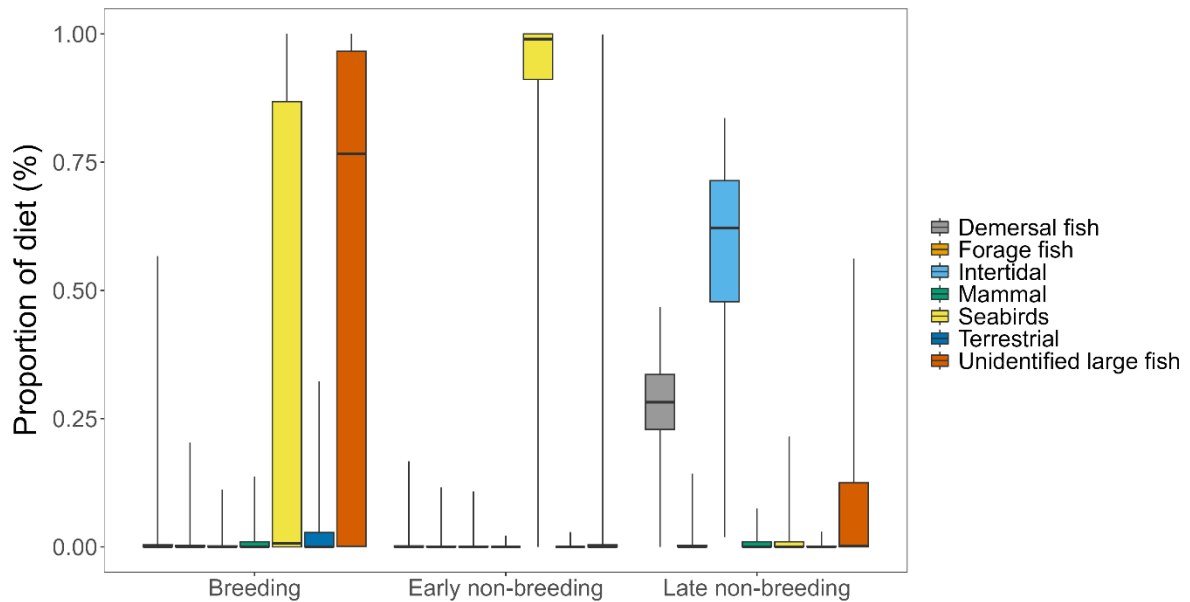


Fig. A1: Results of MixSIAR stable isotope mixing models with a priori prey grouping. The estimated contribution of different prey sources to the diet of Great Black-backed Gulls during breeding, early non-breeding, and late non-breeding are presented. Black lines represent the median, boxes represent 50% credible intervals, and whiskers represent 95% credible intervals.