Supplementary Table. Huggins closed population models used to describe variation in capture probability of juvenile Atlantic Sturgeon (*Acipenser oxyrinchus oxyrinchus*) in the Savannah, Ogeechee, and Satilla Rivers, in Georgia, during the summers of 2014–2017. Values of Akaike information criterion adjusted for small sample size (AICc), difference in AIC$_c$ of that model from that of the best model (ΔAIC$_c$), Akaike weights (w_i) relative to the other models from that year, and number of parameters in that model (K) are provided for each model. Results for the Savannah River are for the summers of 2016 and 2017 only. A plus sign (+) indicates an additive model, and an asterisk (*) indicates an interactive model. For brevity, only models with w_i>0 are shown. NA=not available because no or too few age-1 recruits were captured or recaptured.

River	Year	Capture probability	AICc	ΔAIC$_c$	w_i	K
Savannah	2016	Time * Age	3115.11	0.00	1.00	52
	2017	Time + Age	2228.65	0.00	0.99	15
		Time	2237.94	9.29	0.01	12
Ogeechee	2014	NA	NA	NA	NA	NA
	2015	Time + Age	569.98	0.00	0.82	15
		Time	573.05	3.07	0.18	12
	2016	Time * Age	553.88	0.00	0.98	40
		Time + Age	561.34	7.47	0.02	13
	2017	Constant	63.35	0.00	0.62	1
		Age	64.97	1.62	0.28	2
		Time	67.96	4.61	0.06	4
		Time + Age	69.79	6.44	0.03	5
		Time * Age	71.12	7.77	0.01	8
Satilla	2014	NA	NA	NA	NA	NA
	2015	Time + Age	386.00	0.00	0.52	14
		Time	386.15	0.15	0.48	11
	2016	Time	435.70	0.00	0.86	12
		Time + Age	439.28	3.58	0.14	15
	2017	NA	NA	NA	NA	NA