

Table S1

		AIC															
		RES threshold for predicted species presence															
		0.00	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	1.00	
SWFSC-ETP	All surveys	20	743.17	747.23	751.35	738.47	743.09	748.42	746.56	747.63	736.46	735.96	746.32	753.80	758.94	756.48	764.29
		50	606.95	600.60	608.03	607.85	605.27	592.15	588.48	588.44	590.00	582.62	584.14	581.45	594.22	595.51	609.60
		100	353.24	325.07	314.99	318.80	318.00	318.91	318.25	323.09	322.48	324.51	345.50	348.87	351.89	340.30	382.07
	IWC-IDCR	20	416.74	405.41	410.32	404.49	412.22	412.42	411.24	415.98	409.45	413.23	413.60	418.80	410.85	419.20	430.77
		50	278.96	276.46	274.39	277.91	273.30	280.24	277.63	275.31	266.35	275.53	264.99	275.33	269.03	281.49	287.41
		100	218.64	206.16	201.99	203.25	201.07	199.84	202.97	208.34	209.26	211.12	215.75	216.93	214.24	218.42	208.23
	NASS	20	88.77	89.09	89.02	95.56	85.56	91.08	88.40	85.99	86.36	87.26	85.28	86.24	78.15	80.34	79.57
		50	90.06	89.12	88.73	88.59	90.68	92.26	90.06	86.35	88.41	89.76	88.23	89.63	83.31	84.08	85.57
		100	60.89	46.20	46.69	49.82	48.25	48.06	48.41	42.13	44.06	53.18	52.22	44.31	45.11	51.62	54.24
ETP	20	210.72	209.60	209.36	210.93	210.97	210.82	210.91	210.97	210.97	210.60	210.95	210.31	216.99	210.80	210.68	
	50	161.07	162.16	162.36	159.86	159.48	160.03	160.15	159.65	160.12	160.42	161.98	163.22	163.60	164.30	165.60	
	100	60.94	57.45	56.77	53.16	56.26	53.96	58.23	57.45	53.00	48.68	53.46	52.17	55.30	51.75	60.15	
		adjusted R²															
		RES threshold for predicted species presence															
		0.00	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	1.00	
SWFSC-ETP	All surveys	20	0.79	0.78	0.78	0.79	0.79	0.78	0.80	0.79	0.79	0.79	0.79	0.78	0.78	0.78	0.77
		50	0.80	0.81	0.80	0.80	0.80	0.82	0.82	0.82	0.82	0.83	0.83	0.83	0.83	0.82	0.81
		100	0.85	0.88	0.90	0.89	0.89	0.89	0.89	0.89	0.89	0.88	0.86	0.85	0.85	0.87	0.80
	IWC-IDCR	20	0.38	0.43	0.42	0.44	0.40	0.40	0.40	0.38	0.41	0.39	0.39	0.37	0.41	0.37	0.33
		50	0.62	0.63	0.64	0.62	0.64	0.61	0.62	0.63	0.66	0.63	0.67	0.62	0.65	0.59	0.58
		100	0.38	0.48	0.51	0.50	0.52	0.52	0.49	0.46	0.43	0.42	0.37	0.36	0.39	0.37	0.49
	NASS	20	0.44	0.43	0.43	0.24	0.50	0.35	0.41	0.45	0.45	0.43	0.47	0.45	0.58	0.55	0.56
		50	0.51	0.53	0.54	0.54	0.50	0.41	0.46	0.54	0.50	0.47	0.51	0.47	0.60	0.59	0.56
		100	0.38	0.81	0.80	0.72	0.75	0.75	0.74	0.84	0.81	0.64	0.66	0.83	0.83	0.72	0.66
ETP	20	0.14	0.16	0.16	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.14	0.15	0.03	0.14	0.15	
	50	0.11	0.08	0.08	0.13	0.14	0.13	0.13	0.14	0.13	0.12	0.09	0.06	0.05	0.03	0.00	
	100	0.49	0.59	0.61	0.73	0.62	0.72	0.62	0.64	0.74	0.80	0.69	0.75	0.65	0.76	0.57	