

**APPENDIX 3.** The best models for each number of variables with  $R^2$ , Adjusted  $R^2$ , C(p), AIC, BIC, and the explanatory variables. Percent variation explained by each factor was calculated by comparing  $R^2$  values.

	Variables in Model	$R^2$	Adj. $R^2$	C(p)	AIC	BIC
<i>Loco</i> Price	BORE	0.43	0.43	149.72	1413.80	1412.85
	PHOT BORE	0.64	0.64	58.24	1365.95	1365.80
	PHOT BORE BOAT	0.70	0.69	35.27	1349.61	1349.93
	PHOT BORE BOAT RIVT	0.71	0.70	30.65	1346.18	1346.54
	PHOT BORE BOAT OCT FISH	0.74	0.72	21.57	1338.44	1339.46
	PHOT BORE BOAT OCT RIVT	0.75	0.74	16.72	1333.96	1335.62
	FISH					
	PHOT BORE BOAT YEARS	0.76	0.75	14.27	1331.53	1333.79
	OCT RIVT FISH					
<i>Congrio</i> Price	PHOT	0.14	0.13	35.35	777.55	778.22
	PHOT FISH	0.23	0.20	26.38	771.50	772.14
	PHOT EDU FISH	0.34	0.31	14.12	761.72	762.72
	PHOT EDU RIVT FISH	0.40	0.36	9.10	756.54	758.66
	PHOT EDU YEARS RIVT FISH	0.45	0.40	6.00	753.20	756.21
Monthly Management Area Income	DISTHQ	0.08	0.07	87.0	-69.50	-68.75
	PHOT WEIGH	0.16	0.15	61.74	-88.23	-87.53
	PHOT WEIGH DISTHQ	0.23	0.22	40.78	-105.33	-104.41
	PHOT WEIGH DISTHQ AREAMA	0.29	0.27	24.81	-119.53	-118.18
	PHOT WEIGH DISTHQ AREAMA BEN	0.33	0.31	12.13	-131.74	-129.74
CPU geospatial	DISTMA	0.64	0.60	3.39	194.06	196.29
	DISTMA ROADV	0.75	0.69	2.18	192.00	196.62
CPU environment	PHOT	0.50	0.45	0.98	198.91	202.13
Total Catch experience	RIVT	0.27	0.19	22.10	246.15	244.89
	MAT RIVT	0.46	0.32	16.55	244.85	243.43
	OCT MAT RIVT	0.82	0.75	4.00	234.48	240.40
CPU experience	RIVT	0.70	0.67	11.20	192.14	192.24
	BOAT OCT	0.81	0.76	6.55	189.14	190.85
	BOAT OCT RIVT	0.88	0.83	4.00	185.63	191.54