

Appendix 1. Supplementary material

Table A1.1. Characteristics of commercial fishers measured in the survey

Fisher characteristic	Indicator measured	Description	Data type
Demographics			
	Age	Age of fisher	Interval
	Education	Respondent has university or other higher education	Categorical (Y/N)
	Family	Whether family members are involved in fishing	Categorical (Y/N)
Fishing practices			
	Employees	Number of employees	Interval
	Owner/operator	Licence owner, operator, or owner-operator	Categorical
	Years fishing	Number of years fishing experience	Interval
	Days fishing	Number of days fishing in past 12 months	Interval
	Distance travelled	Typical distance travelled from home port	Categorical
	Multiple ports	Whether respondent uses multiple ports	Categorical (Y/N)
	Fishery types	Number of different fisheries involved in	Interval
	Main fishery	Main fishery the respondent is involved in	Categorical (Line, Net, Pot, Trawl, Harvest)
	Multiple vessels	Whether respondent operates multiple vessels	Categorical (Y/N)
Location			
	Home port NRM	Natural Resource Management (NRM) area in which respondents home port is located	Categorical
Dependence			
	Fishing income	Proportion of household income from fishing	Interval
	GBR income	Proportion of fishing income derived from the GBR	Interval
Engagement			
	Research	Respondent is involved in research or management	Categorical (Y/N)
	Reef Guardian	Participant in GBRMPA's Reef Guardian programme	Categorical (Y/N)

Table A1.2. Cumulative link model estimates of resource users' (n=307) perceived legitimacy and retained explanatory variables. Log likelihood: - 571.44, condition number of Hessian: 180

Explanatory variable	Estimate	SE	z value	Pr(> z)	Odds ratio	95% CI (lower)	95% CI (upper)
Governing body performance	2.873	0.495	5.801	<0.001	17.698	6.703	46.724
Distributive justice	1.122	0.355	-3.161	0.002	3.071	1.532	6.158
Trust in information from management agencies	3.504	0.540	6.489	<0.001	33.242	11.535	95.792

Table A1.3. Cumulative link model estimates of fishers' (n=191) trust in information from GBRMPA and retained explanatory variables reflecting respondent characteristics. Log likelihood: -348.44, condition number of Hessian: 1.6e+03, AIC: 736.88

Explanatory variable	Category	Estimate	SE	z value	Pr(> z)	Odds ratio	95% CI (lower)	95% CI (upper)
Main fishery	Pot	0.075	0.450	0.166	0.868	1.08	0.45	2.60
	Net	0.612	0.484	1.266	0.206	1.84	0.71	4.76
	Line	0.981	0.418	2.349	0.019	2.67	1.18	6.04
	Harvest	1.754	0.532	3.296	<0.001	5.78	2.04	16.40
Home port NRM area	Cape York	0.571	0.763	0.748	0.455	1.77	0.40	7.90
	Terrain FNQ	0.577	0.527	1.096	0.273	1.78	0.63	5.00
	Burnett-Mary	0.853	0.607	1.405	0.160	2.35	0.71	7.72
	Fitzroy	0.988	0.548	1.804	0.071	2.69	0.92	7.86
	Burdekin	1.587	0.561	2.827	0.005	4.89	1.63	14.70
	Intrastate	1.938	0.617	3.138	0.002	6.94	2.07	23.29
Reef Guardian	Yes	1.355	0.312	4.344	<0.001	3.88	2.10	7.15