

Table 2. NEFSC ecosystem models as typically applied to common objectives for use.

		<i>Production Potential</i>				<i>Delineate Ecosystem Overfishing</i>			<i>Enhance SS Advice</i>				<i>Evaluate Tradeoffs Among</i>			<i>MSE</i>		<i>Multisector Use</i>		<i>Other</i>			
		Simulation	Estimation of MS MSY & other BRPs	Estimation of Agg MSY & other BRPs	Estimation of Systemic MSY & other BRPs	Simulation	Testing Thresholds and Limits	Estimate BRPs	Scenario Testing	M2	Env	Adjust ACLs	Context/Informative	Species	Fleets	Management Options	Operating Model	Scenario Testing	Evaluate Tradeoffs across sectors	MSP	Thresholds	Risk Analysis	Other
Model Class	ESAM MRMs- Ecology																						
Model	S-R									x		x	x										
Model	SS Prod									x		x	x										
Model	Age Structured									x		x	x										
Model	Ecological Footprints											x	x										
Model Class	ESAM MRMs- Environmental																						
Model	S-R										x	x	x										
Model	SS Prod										x	x	x										
Model	Age Structured										x	x	x										
Model Class	Mutlispecies MRMs																						
Model	MS PROD	x	x	x	x	x		x	x	x	x		x				x	x					
Model	MSYPR		x					x				x		x			x	x					
Model	MVTS-Gompertz		x							x		x	x	x			x						
Model	MS SPMW		x							x	x	x	x	x			x						
Model	MSVPA-X							x	x	x		x	x	x			x						
Model Class	Aggregate Production																						
Model	AggPROD v of MS PROD	x		x	x	x	x	x									x	x					
Model	ASP-SPMW			x	x		x	x				x					x						
Model	ASP-SPMW-Dynamic			x	x		x	x	x			x					x						
Model	Agg v of ASPIC			x	x		x	x	x			x					x						
Model	Agg Mod - Overholtz/SAS			x	x		x	x				x					x						
Model	Agg Testing of MS PROD	x		x	x	x	x	x									x	x					

Table 2, continued. NEFSC ecosystem models as typically applied to common objectives for use.

Model Class	Model	Production Potential				Delineate Ecosystem Overfishing			Enhance SS Advice			Evaluate Tradeoffs Among			MSE		Multisector Use			Other			
		Simulation	Estimation of MS MSY & other BRPs	Estimation of Agg MSY & other BRPs	Estimation of Systemic MSY & other BRPs	Simulation	Testing Thresholds and Limits	Estimate BRPs	Scenario Testing	M2	Env	Adjust ACLs	Context/Informative	Species	Fleets	Management Options	Operating Model	Scenario Testing	Evaluate Tradeoffs across sectors	MSP	Thresholds	Risk Analysis	Other
Model Class	Energy Transfers (TL transfer, food web, network, etc.)																						
	Model	Linear Production Potential		x	x							x											
	Model	Stochastic Production Potential			x	x			x			x	x			x	x						
	Model	Ecopath		x	x	x			x			x	x			x	x						
	Model	Econetwrk		x	x	x			x			x	x			x	x						
	Model	GOMAGG	x	x	x		x		x			x	x			x	x						
Model	Topological Webs																						
Model Class	Full System																						
	Model	Atlantis	x		x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x	x
Model Class	Misc																						
	Model	AAC																					x
	Model	Donut Selectivity																					
	Model	Model																					x
	Model	PSA										x							x		x	x	
	Model	LeMans								x													
	Model	Size Spectra						x	x														
	Model	CCA/CanCorr																	x		x		x
Model	DFA/MAFA																	x		x		x	
Model	PCA/MDS																	x		x		x	