Modeling Project:	Management strategy evaluation
Lead PI:	Andre Punt
Model Name	Ecosim
Simulation Period	1970-2012 (evaluation of estimators in hindcast) and 2013-2050 (forecas
Contact's email	Kirstin.Holsman@noaa.gov
Contact's name	Kirstin Holsman
Time Resolution	yearly
Horizontal Grid	N/A - point estimates
Horizontal Resolution	N/A
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	0.25 GB
For each species (pollock, pacific cod, arrowtooth flounder)	
Adult biomass (age 2+ or 20cm+)	t
Age 1 recruitment	#
Spawning biomass	t
Natural mortality (juvenile)	1/yr
Fishing mortality (juvenile)	1/yr
Natural mortality (adult)	1/yr
Fishing mortality (adult)	1/yr
Exploitable biomass	t
Catch estimate	t

Modeling Project:	**Management strategy evaluation**
Lead PI:	**Andre Punt**
Model Name	MSMt
Simulation Period	1970-2012 (evaluation of estimators in hindcast) and 2013-2050 (forecas
Contact's email	Kirstin.Holsman@noaa.gov
Contact's name	Kirstin Holsman
Time Resolution	yearly
Horizontal Grid	N/A - point estimates
Horizontal Resolution	N/A
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	0.25 GB
For each species (pollock, pacific cod, arrowtooth flounder)	
Adult biomass (age 2+ or 20cm+)	t
Age 1 recruitment	#
Spawning biomass	t
Predation mortality (by age)	1/yr
Other mortality (by age)	1/yr
Fishing mortality (by age)	1/yr
Exploitable biomass	t
Catch estimate	t

Modeling Project:	Management strategy evaluation
Lead PI:	**Andre Punt**
Model Name	Pollock single species stock assessment
Simulation Period	1970-2012 (evaluation of estimators in hindcast) and 2013-2050 (forecasts)
Contact's email	Jim.Ianelli@noaa.gov
Contact's name	James Ianelli
Time Resolution	yearly
Horizontal Grid	N/A - point estimates
Horizontal Resolution	N/A
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	0.35 GB
Adult biomass (age 2+)	t
Age 1 recruitment	#
Spawning biomass	t
Numbers at age	#
Natural mortality (by age or length)	1/yr
Fishing mortality (by age or length)	1/yr
Exploitable biomass	t
Catch estimate	t

Modeling Project:	Management strategy evaluation
Lead PI:	Andre Punt
Model Name	Pacific cod single species stock assessment
Simulation Period	1970-2012 (evaluation of estimators in hindcast) and 2013-2050 (forecasts)
Contact's email	Jim.lanelli@noaa.gov
Contact's name	James Ianelli
Time Resolution	yearly
Horizontal Grid	N/A - point estimates
Horizontal Resolution	N/A
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	0.35 GB
Adult biomass (20cm+)	t
Age 1 recruitment	#
Spawning biomass	t
Numbers at length	#
Natural mortality (by age or length)	1/yr
Fishing mortality (by age or length)	1/yr
Exploitable biomass	t
Catch estimate	t

Modeling Project:	Management strategy evaluation
Lead PI:	Andre Punt
Model Name	Arrowtooth flounder single species stock assessment
Simulation Period	1970-2012 (evaluation of estimators in hindcast) and 2013-2050 (forecasts)
Contact's email	Jim.Ianelli@noaa.gov
Contact's name	James Ianelli
Time Resolution	yearly
Horizontal Grid	N/A - point estimates
Horizontal Resolution	N/A
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	0.35 GB
Adult biomass (20cm+)	t
Age 1 recruitment	#
Spawning biomass	t
Numbers at length	#
Natural mortality (by age or length)	1/yr
Fishing mortality (by age or length)	1/yr
Exploitable biomass	t
Catch estimate	t

Modeling Project:	Management strategy evaluation
Lead PI:	Andre Punt
Model Name	MSE (summarized FEAST output data for MSE)
Simulation Period	1970-2009 (1 set for hindcast) and 2000-2030 (1 set for each forecast run)
Contact's email	Kerim.Aydin@noaa.gov
Contact's name	Kerim Aydin
Time Resolution	yearly
Horizontal Grid	FEAST grid (182 x 258)
Horizontal Resolution	10 km x 10 km
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	150 GB
For each species (pollock, pacific cod, arrowtooth flounder and for some values other species as well)	
catches by age/length/fishery	t
numbers at age	#
numbers at length	#
stomach content	g
fish density by age/length	g/m^2
condition factor by age/length	N/A

Modeling Project:	Management strategy evaluation
Lead PI:	Andre Punt
Model Name	MSE (assessment model input from summarized FEAST output)
Simulation Period	1970-2009 (evaluation of estimators in hindcast) and 2000-2030 (forecas
Contact's email	Kerim.Aydin@noaa.gov
Contact's name	Kerim Aydin
Time Resolution	yearly
Horizontal Grid	N/A
Horizontal Resolution	N/A
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	7 GB
For each species (pollock, pacific cod, arrowtooth flounder and for some values other species as well)	
catches by age/length/fishery	t
numbers at age	#
numbers at length	#
stomach content	g
fish density by age/length	g/m^2
condition factor by age/length	N/A

Modeling Project:	Management strategy evaluation
Lead PI:	Andre Punt
Model Name	MSE output (true values from FEAST and assessment-derived estimates
Simulation Period	1970-2009 (hindcast) and 2000-2030 (forecast)
Contact's email	Kerim.Aydin@noaa.gov
Contact's name	Kerim Aydin
Time Resolution	yearly
Horizontal Grid	N/A
Horizontal Resolution	N/A
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	1 GB
For each species (pollock, pacific cod, arrowtooth flounder)	
Adult biomass (age 2+ or 20cm+)	t
Age 1 recruitment	#
Spawning biomass	t
Natural mortality (juvenile)	1/yr
Fishing mortality (juvenile)	1/yr
Natural mortality (adult)	1/yr
Fishing mortality (adult)	1/yr
Exploitable biomass	t
Catch estimate	t

Modeling Project:	Management strategy evaluation
Lead PI:	Andre Punt
Model Name	FAMINE
Simulation Period	2000-2030
Contact's email	Michael.Dalton@noaa.gov
Contact's name	Mike Dalton
Time Resolution	Weekly
Horizontal Grid	FEAST grid (182 x 258)
Horizontal Resolution	10 km x 10 km
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	305 GB (optional saved files to check realized catches to FAMINE predic
For each fish species in FEAST	
Rate of fishing effort	fraction of fishable biomass
Catch by FEAST grid cell	Catch (t)

Modeling Project:	Management strategy evaluation
Lead PI:	**Andre Punt**
Model Name	Technical interaction model (TIM)
Simulation Period	2012-2050
Contact's email	Jim.Ianelli@noaa.gov
Contact's name	James Ianelli
Time Resolution	Yearly
Horizontal Grid	N/A - point estimates
Horizontal Resolution	N/A
Vertical Levels	N/A
Grid Projection	N/A
Output Format	csv files
Approximate total output file size	6 MB
For each species (pollock, Pacific cod, arrowtooth)	
Given ABC from assessment, provide TAC	t