Status of the U.S. sablefish resource in 2015

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Executive summary

Stock

This assessment update reports the status of the sablefish (*Anoplopoma fimbria*, or 'black cod') resource off the west coast of the United States (U.S.) from southern California to the U.S.-Canadian border using data through 2014. The resource is modeled as a single stock; however, sablefish do disperse, to some degree, to and from offshore seamounts along the coastal waters of the continental U.S., Canada, and Alaska and across the Aleutian Islands to the western Pacific. Their movement is not explicitly accounted for in this analysis.

Catches

A variety of sources were used to reconstruct historical sablefish landings, creating a series of catches from 1900 to present. Generally, historical sablefish landings are more reliable than those for many other groundfish species because of their consistent identification to the species level. Uncertainty in historical landings (i.e., fish brought to market), primarily in Washington landings, stems from poor identification of fishing location (coastal U.S., Canadian, or Alaskan waters). For example, because sablefish are found from the southern tip of Baja California to the north-central Bering Sea, fish landed in Washington ports are not necessarily caught off the coast of Washington, which can be problematic given Alaskan sablefish are modelled as a separate stock. Reconstructions for California and Oregon, along with a more limited Washington analysis, were included in the 2011 assessment and this assessment update. Discards are internally estimated in the assessment model (i.e., simultaneous estimation of total catches and other model parameters), which can result in estimates of total mortality that differ between stock assessments even when inputs remain unchanged, accounting for the small differences in estimated dead biomass between the 2011 assessment and this assessment update. Model estimates of discarding result in total dead catches that are an average of 5.66% larger than reported landings over the last decade.

Sablefish landings were small (<5,000 mt) and primarily harvested by hook-and-line fisheries until the end of the 1960s. A very large catch by foreign vessels, fishing pot gear, in 1976 resulted in the largest single-year removal of over 25,000 mt from the stock. A rapid rise in domestic pot and trawl landings followed this peak removal, such that, on average, nearly 14,000 mt of sablefish were landed per year between 1976 and 1990. Subsequently, annual landings have remained below 10,000 mt, and divided approximately 45% from hook-and-line, 17% from pot, and 38% from trawl gear during the most recent decade. In the last three years, since the implementation of the trawl catch share program, relative landings from the fixed gear sector have increased while the trawl sector has decreased.

Beginning in 1985, observer coverage within the fishery was voluntary. State-specific observer programs were implemented from 1991 to 2001, and were later replaced with a two-month rotating observer program that corresponded with two-month catch limit regulations. In 2011, with the implementation of the catch share program, 100% observer coverage on all vessels while using catch-share quota became mandatory. The lack of historical observer coverage, and consequently information on total catch and age and length compositions, contributes to an important source of uncertainty regarding selectivity and retention during the historical period.

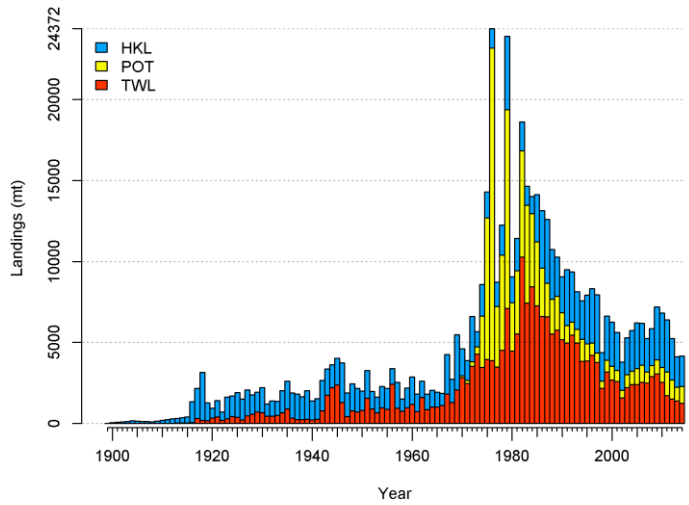

Figure a. Sablefish landings from 1900 to 2014. Fleet names indicate gear type (HKL = Hook-and-line, POT= Pot, and TWL = Trawl). Foreign fleets are included and are largely responsible for the peak landings in 1976 and 1979.

Table a. Recent sablefish landings (mt) by fleet, with relative yearly proportions.

Year	Hook-and-line		Pot		Trawl	
	mt	%	mt	%	mt	%
2005	2,807	45.25	997	16.08	2,399	38.67
2006	2,604	42.04	1,053	17.00	2,538	40.96
2007	2,060	39.34	688	13.13	2,489	47.53
2008	2,301	39.21	675	11.51	2,892	49.28
2009	3,274	45.48	863	11.99	3,061	42.53
2010	3,379	49.48	910	13.33	2,539	37.19
2011	3,231	50.46	1,449	22.62	1,724	26.92
2012	2,561	48.90	1,179	22.50	1,498	28.60
2013	1,865	45.33	846	20.57	1,402	34.09
2014	1,868	44.95	1,032	24.83	1,256	30.22

Data and assessment

This stock assessment updates the 2011 sablefish assessment, using the same data streams and general data analysis methods, structural choices, and assumptions used in 2011 (changes and additions are listed in Section 3.2.1). This assessment update used the most recent version of the Stock Synthesis modeling platform (3.24u, released 29 August, 2014). Primary data sources include landings and length- and age-frequency data from both the retained and, in recent years, the discarded portion, of commercial catch. Discard data include rates as well as mean observed individual body weight. The relative biomass index from the National Marine Fisheries Service (NMFS) Northwest Fisheries Science Center (NWFSC) Shelf-Slope trawl survey, which includes depths from 55-1,280 m, represents the primary source of stock trend information and was updated to include the most recent data to cover the period 2003-2014. Other (discontinued) survey indices contribute information on trend and sablefish demographics: (a) NWFSC slope survey conducted from 1998-2002, (b) Alaska Fisheries Science Center (AFSC) slope survey (1997-2001), and (c) AFSC/NWFSC triennial shelf trawl survey (1980-2004). Additionally, two environmental time-series, sea-

surface height (SSH) (explored in previous sablefish assessments) and zooplankton abundance, were also investigated, though not included in the base-case model. Of the externally estimated model parameters, (a) weight-length relationship, (b) maturity schedule, and (c) fecundity relationships, only the weight-length relationship was updated. Previous assessments utilized both fishery and survey data to inform the weight-length relationship, whereas this assessment update only utilized survey information to externally estimate sex-specific relationships between weight and length. Although the maturity schedule was not updated in the base-case model, sensitivity analyses were used to explore estimates from the most recently published literature.

As in previous assessments, growth and natural mortality were estimated using sex-specific relationships. Available data is only semi-informative with respect to natural mortality, thus for this assessment update the phase in which natural mortality was estimated was explored and changed from the terminal phase (8) to earlier in the model (3). Estimating natural mortality earlier in the model helped to increase model convergence and stability. Additionally, uncertainty in recruitment was included by estimating a full time-series of deviations from the stock-recruit curve. Catchability coefficients for each survey and the unexploited equilibrium level of the stock-recruit function were also internally estimated. The one-way-trip nature of the time-series does not facilitate estimation of the steepness parameter (h) of the stock-recruitment relationship, therefore this quantity was fixed at 0.6 and explored via sensitivity analyses.

Furthermore, sablefish are caught throughout the depth and geographic range of the survey, with the calculation of relative biomass in the southern area being of particular interest to management. To account for both the spatial and temporal variation in sablefish density and irregularity in sampling, a delta-generalized linear mixed effects model (delta-GLMM) was used to provide an index of abundance. The delta-GLMM method can accommodate both spatial and spatiotemporal variation by estimating potential correlations in random space-time interactions between catch probabilities and rates.

During the 2011 assessment, a vast number of historical management actions were condensed down to those that seemed most likely to have had a direct influence on fishery behavior (either sorting and retention, selectivity, or both) to reduce the complexity in modeling fishery dynamics. This update assessment utilized the same structure with one necessary addition. The time-block for retention, with respect to the trawl fishery, was updated to assume full retention to match the adoption of the West Coast Groundfish Trawl Catch Share Program in 2011.

Aging error, both precision and accuracy, was extensively investigated during the 2011 assessment but remains unresolved and was not investigated in this assessment update. Therefor the potential for under-estimating the age of the oldest fish still remains, and thus aging bias also remains an important source of uncertainty.

Stock biomass

During the first half of the 20th century it is estimated that sablefish were exploited at relatively modest levels. With modest harvest rates continuing until the 1960s and above average, though highly uncertain, estimates of recruitment between 1960 and 1975, the spawning stock biomass rebounded to nearly unexploited levels in the late 1970s. Subsequently, between 1976 and 2001 estimates of biomass show a continuous decline, with large harvests during the late 1970s and lower than average recruitment throughout the 1980s and early-1990s as hypothesized drivers of the decline. Despite harvest rates that were below overfishing rates from 1988 to 2008 along with higher than average recruitments in 1995,

1999, and 2000, the spawning biomass increased only slightly during the early-2000s. Since 2005 the stock has continued to decline, in large part due to extremely poor recruitments from 2002 to 2007.

Although the relative trend in spawning biomass is quite robust to uncertainty in the leading model parameters, the productivity of the stock is highly uncertain due to confounding of natural mortality, absolute stock size, and productivity. The estimated spawning biomass in 2015 is 52,001 mt, however, the ~95% interval ranges broadly from 25,698 to 78,303 mt. The relative spawning biomass is currently estimated at 35% of unexploited levels (~95% interval: 22-48%). Forecasts from the 2011 assessment projected the spawning biomass to decrease by 6.4% from 2011 to 2015 given specified harvests, whereas the current assessment update estimated the decline was 9.8%. Furthermore, the current assessment update estimated unexploited spawning biomass 17% lower than what was estimated in 2011 and estimates depletion in 2015 higher than what was previously forecasted for 2015. The higher rate of decline appears to be because the current assessment update estimates the sum of the 2010 and 2011 recruitment events at 57% of what was estimated in the 2011 assessment.

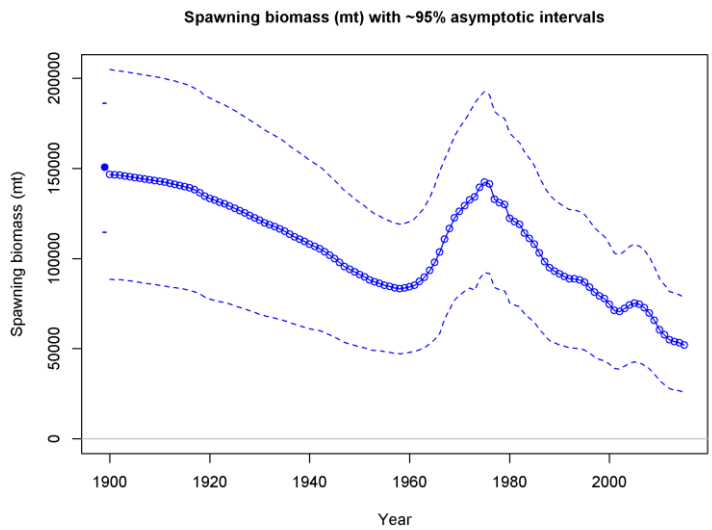

Figure b. Estimated spawning biomass time-series (1900-2015) for the base-case model (circles) with ~95% intervals (dashed lines).

Table b. Recent trend in estimated sablefish spawning biomass (mt), recruitment (1000s), and relative depletion, with their associated ~95% intervals.

Year	Spawning biomass (mt)	~95% interval	Recruitment (1000s)	~95% interval	Depletion	~95% interval
2005	75,200	42,559-	642	196-1,088	50%	34-66%
2006	74,485	42,022-	1,822	946-2,698	49%	33-66%
2007	72,609	40,664-	1,317	546-2,088	48%	32-64%
2008	69,741	38,767-	28,068	17,153-38,982	46%	31-62%
2009	65,698	35,976-95,419	1,681	661-2,701	44%	29-58%
2010	60,360	32,091-88,629	16,124	9,224-23,025	40%	26-54%
2011	57,637	29,961-85,314	5,183	2,603-7,764	38%	25-52%
2012	54,800	27,815-81,784	3,974	1,652-6,297	36%	23-50%
2013	53,841	27,015-80,668	46,247	24,209-68,285	36%	22-49%
2014	53,125	26,509-79,742	3,671	7-7,335	35%	22-48%
2015	52,001	25,698-78,303	13,067	0-38,041	35%	22-48%

Recruitment

Sablefish recruitment is estimated to be quite variable with large amounts of uncertainty in individual recruitment events. Within this variability, the average recruitment is estimated to have declined steadily between the 1970s and 2007. Recruitments during the 1970s were, on average, roughly six times that of the smaller cohorts between 2002 and 2005. It appears that large 1995, 1999, and 2000 year classes briefly slowed the rate of stock decline in the early 2000s and above-average cohorts from 2008, 2010, and 2013 are currently moving through the population. More specifically, the 2013 cohort appears to be the third largest recruitment event in the history of the fishery. However, of the three recent large recruitments, only the 2008 cohort has begun to mature and thus their contribution to the trend in spawning biomass remains minimal.

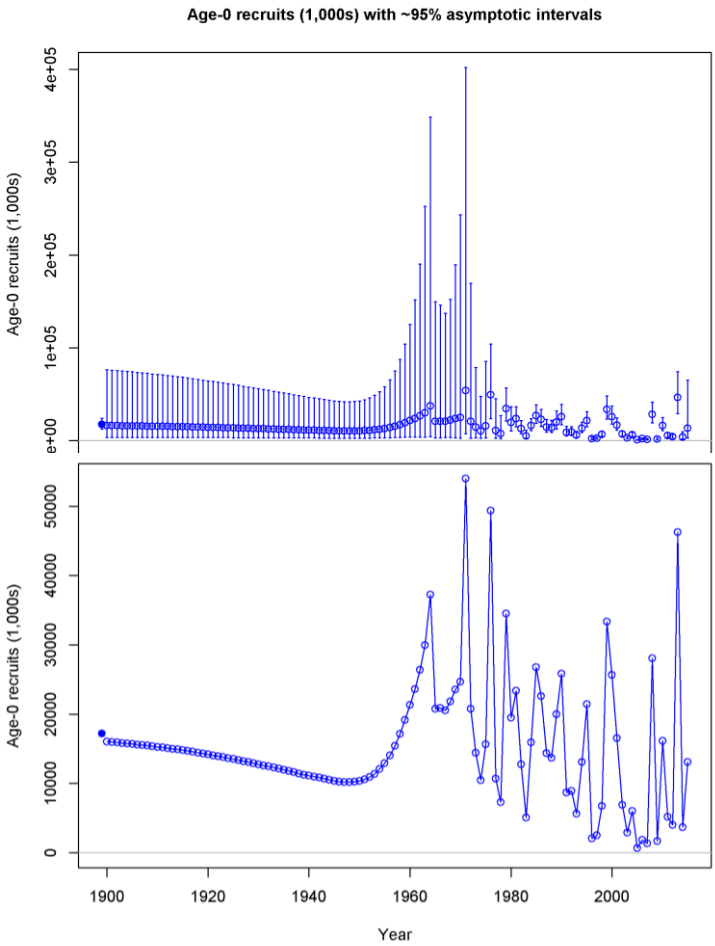

Figure c. Time series of estimated sablefish recruitments for the base-case model (solid line) with ~95% intervals (vertical lines; upper panel) and without intervals (lower-panel) to better visualize recent estimated trends.

Reference points

Unfished female spawning biomass was estimated to be 150,622 mt (~95% interval: 114,728-186,516 mt). Therefore, the management target stock size ($SB_{40\%}$) is 60,249 mt and the overfished threshold ($SB_{25\%}$) is 37,656 mt. Total and age-4+ biomass at unexploited equilibrium were estimated to be 440,648 and 413,038 mt respectively. Steepness is not estimated in this assessment, thus uncertainty in reference point yields is grossly underestimated. Maximum sustainable yield (MSY), conditioned on current fishery selectivity and allocations, was estimated to occur at a spawning stock biomass of 44,090 (29% of unfished female spawning biomass), and produce a dead catch (excluding surviving discards) of 7,837 mt. However, dead catch at MSY varies almost linearly with steepness. MSY is estimated to be achieved at an SPR of 41%. This is very close to the yield, 7,476 mt, generated by the SPR (50%) that stabilizes the stock at the $SB_{40\%}$ target. The fishing mortality target/overfishing level ($SPR_{45\%}$) results in an intermediate equilibrium yield of 7,759 mt at a spawning biomass of 51,212 mt (34% of the unfished equilibrium).

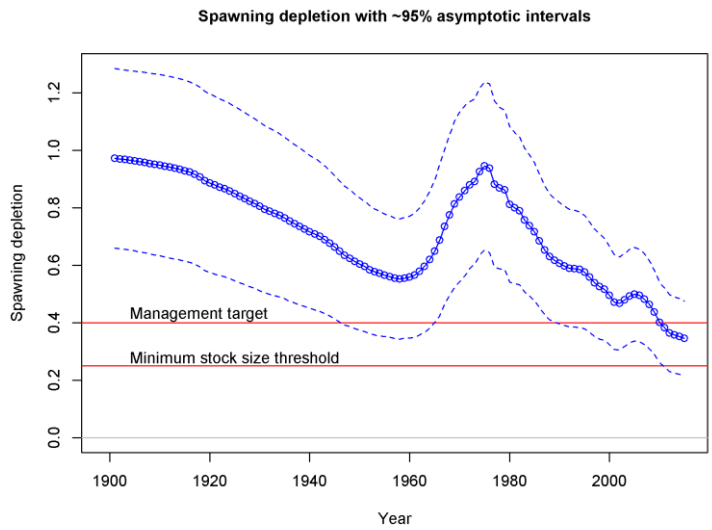

Figure d. Time series of estimated relative spawning depletion from the base-case model (circles) with ~95% intervals (dashed lines).

Exploitation status

Sablefish spawning biomass relative to unfished spawning biomass is estimated to have dropped below the SB40% management target in 2011 and continued to decline to 2015. Poor recruitments appear to be the main cause of the declining trend, as fishing intensity has remained below relative SPR target rates since 1988, except for in 2009, 2010, and 2011. All sensitivity analyses and alternative models show a declining trend in biomass to 2015.

Table c. Recent trend in relative spawning potential ratio (1-SPR/1-SPR$_{Target=0.45}$) and relative exploitation rate (catch/biomass of age-4 and older fish).

Year	Relative SPR	~95% interval	Relative Exploitation rate	~95% interval
2005	77%	52-101%	2.73%	1.56-3.90%
2006	78%	53-103%	2.79%	1.58-3.99%
2007	72%	48-96%	2.47%	1.39-3.56%
2008	84%	58-109%	2.89%	1.61-4.16%
2009	103%	75-131%	3.89%	2.13-5.64%
2010	105%	76-133%	3.97%	2.13-5.81%
2011	105%	76-134%	4.00%	2.10-5.89%
2012	95%	66-124%	3.08%	1.62-4.54%
2013	82%	54-110%	2.55%	1.32-3.78%
2014	82%	54-110%	2.58%	1.34-3.83%

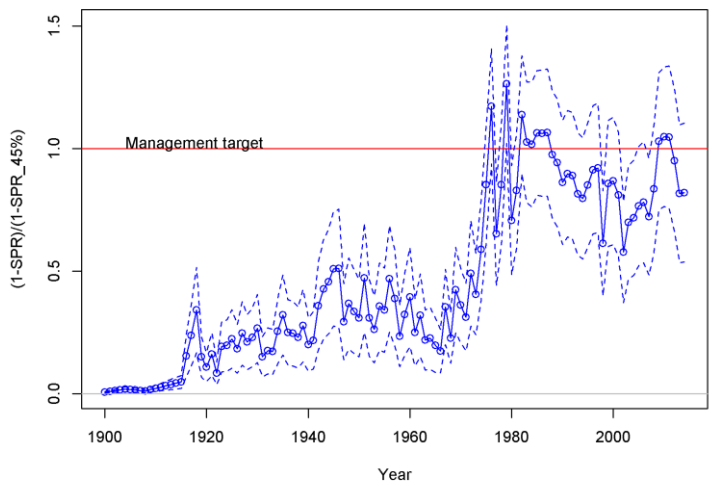

Figure e. Time series of estimated relative spawning potential ratio (1-SPR/1-SPR$_{Target=0.45}$) for the base-case model (round points) with ~95% intervals (dashed lines). Values of relative SPR above 1.0 (100% in the table above) reflect harvests in excess of the current overfishing proxy.

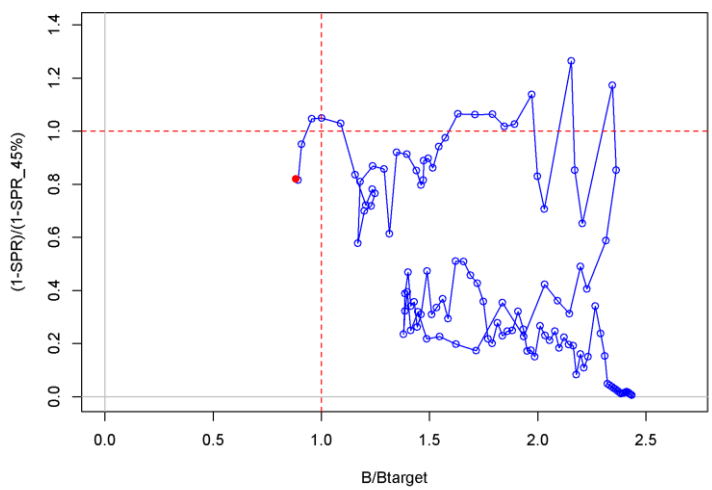

Figure f. Estimated relative spawning potential ratio (1-SPR/1-SPR$_{Target=0.45}$) vs. estimated spawning biomass relative to the proxy 40% level from the base-case model. Higher spawning output occurs on the right side of the x-axis, higher exploitation rates occur on the upper side of the y-axis. The filled circle indicates the last year of available data, 2014.

Management performance

Sablefish management includes a rich history of seasons, size-limits, trip-limits, and a complex permit system. Coast-wide yield-targets have been divided among the different gears (hook-and-line, pot, and trawl), fishery sectors (including both limited entry and open access), as well as north and south of 36° latitude. Peak catches occurred in the late 1970s just prior to the imposition of the first catch limits. Since 2005, the total estimated dead catch has been only 63% of the sum of the OFLs (termed ABCs at the beginning of that period) and 74% of the ACLs (termed OYs during part of that time). In only one of the last 10 years, 2008, does the estimated dead catch in this model exceed the ACL or OFL (4% and 2%, respectively).

Table d. Recent trend in sablefish landings and estimated total dead catch (mt) relative to OFL (ABCs at the time) and ACLs (OYs at the time).

Year	OFL (mt)[1]	ACL (mt)[1]	Landings (mt)	Estimated dead catch (mt)[2]
2005	8471	7761	6203	6545.62
2006	8175	7634	6195	6515.59
2007	6210	5934	5237	5499.59
2008	6058	5934	5868	6163.55
2009	9914	8423	7198	7724.84
2010	9217	7729	6828	7276.24
2011	8808	6813	6404	6726.63
2012	8623	6605	5238	5493.75
2013	6621	5451	4113	4305.49
2014	7158	5909	4156	4460.99
2015	7857	6512		

[1]Includes both the southern and northern management areas where separate values were applied.

[2]Includes discards estimated within the stock assessment and therefore may differ from total mortality reports used by management.

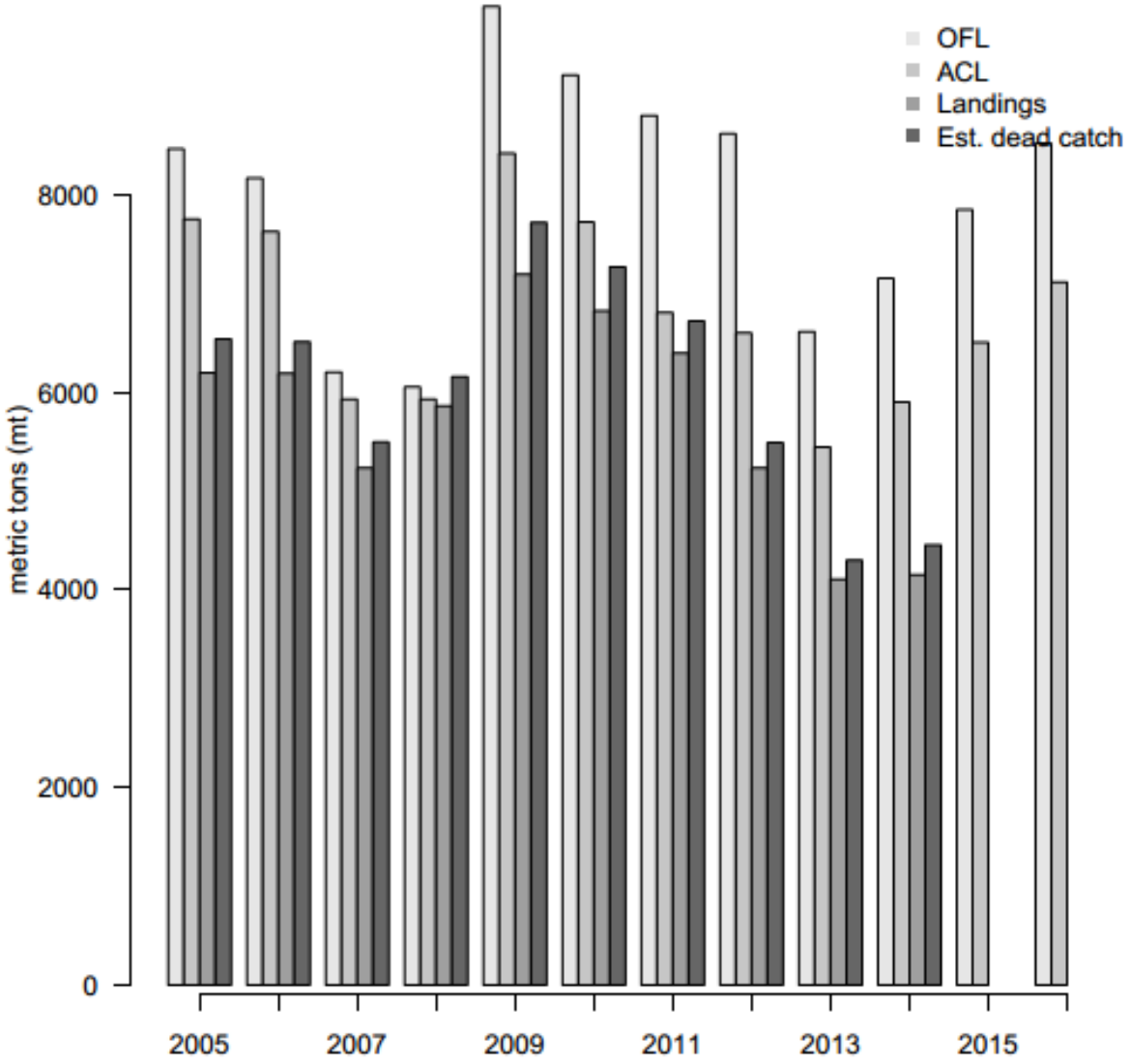

Figure g. Recent (and current) sablefish OFLs (termed ABCs at the beginning of that period), and ACLs (termed OYs during part of that time), in relation to recent total landings and estimated total dead catch (excludes discarded fish that are predicted to have survived) from the base-case model.

Unresolved problems and major uncertainties

Available data for sablefish are fairly uninformative about the absolute size and productivity of the stock. This is largely due to the one-way-trip nature of the historical series: a slow and steady decline in spawning biomass consistent with a larger less productive stock, a smaller more productive stock, or many combinations in between. Historical catches provide some information about the minimum stock size needed to have supported the time-series, but little information exists about the upper bounds. Likelihood profiles, parameter estimates, and general model behavior illustrate that small changes in many parameters can result in different management reference points. However, because leading model parameters, such as natural mortality, survey catchability, as well as historical recruitments, are internally estimated, the uncertainty about these estimates

remains large and typically overlaps between models. The uncertainty will remain until a more informative time-series and better quality demographic and biological information are accumulated for the stock. Only then will the uncertainty regarding steepness, which is currently fixed at 0.6, be able to be investigated within a single model, rather than through sensitivity analyses.

Uncertainty in the current aging methods (both bias and imprecision), as well as relatively sparse fishery sampling, result in age data that are less reliable than would be preferred. Furthermore, because sablefish grow rapidly, nearing asymptotic length in their first decade of life, length-frequency data are not particularly informative about historical patterns in recruitment. The patterns observed in historical sablefish recruitment suggest that the stock trajectory (via shifts in recruitment strength) is closely linked to productivity regimes in the California current. Uncertainty in future environmental conditions, changes in the timing, dynamics, and productivity of the California current ecosystem, via climate change, or cycles similar to the historical period, should be considered a significant source of uncertainty in all projections of stock status.

The ongoing NWFSC Shelf-Slope trawl survey is a fairly precise relative index of abundance over a broad demographic component of the stock (although not for the entire stock, as some of the stock resides in waters deeper than 1260 m, the limit of the survey, and is therefore unobserved). This index has the potential to inform future stock assessments about the scale of the population relative to catches being removed (assuming these are enumerated reasonably accurately), however such information will require contrast in the observed survey trend. Although there is the potential to considerably reduce the current uncertainty in stock size and dynamics, it will likely take several years of contrasting trend in the survey to do so.

Forecasts

Forecasts are based on the application of the '40-10' harvest control rule and the $F_{45\%}$ overfishing limit/- target (OFL). In addition, an 8.7% reduction was applied to the OFL, representing the application of a 0.4 P^* and Category 1 uncertainty proxy ($\sigma = 0.36$) without any additional buffers for management uncertainty.

These values reflect Pacific Fishery Management Council decisions made during the November 2011 meeting. Catch allocations used for the forecast reflects the average distribution of fishing intensity among fleets (hook-and- line, pot, and trawl) during 2012-2014 and it is assumed that discarding and retention behavior does not differ from recent years. Projections assume the ACLs of 6,512 and 7,121 mt are achieved exactly in 2015 and 2016 and that each subsequent ACL is also achieved throughout the period of the projections. Projections are intended to provide a yardstick with which to gauge the likely trajectory of the stock.

Current forecasts predict a slow increase in the spawning stock, with a relatively large probability that the stock will remain below the target spawning biomass for several more years as the 2008, 2010, and 2013 cohorts fully mature. Forecast values are highly uncertain, and given this uncertainty and the number of years the stock is projected to remain at low levels, it is possible that the stock will be assessed to be below the overfished threshold during the next several cycles. However, additional trawl survey observations may help to better inform the estimate of the 2008, 2010, and 2013 cohort sizes. Uncertainty in forecasts can be seen in the decision table, which utilizes two markedly different catch streams.

Table e. Projection of potential sablefish OFL, ACL, and estimated spawning biomass and depletion for the base-case model based on the 40:10 correction to the F_{45}% overfishing limit/target (OFL) and an 8.7% reduction to approximate the P^* approach. Catch allocation used for the forecast reflects the average distribution of fishing intensity among fleets (hook-and-line, pot, and trawl) during 2012-2013.

Year	OFL[1] (mt)	ABC[1] (mt)	ACL[1] (mt)	Spawning biomass	Relative depletion
2015	7,857	7,173	6,512	52,001	34.52 %
2016	8,526	7,784	7,121	54,044	35.88 %
2017	8,050	7,349	7,116	55,001	36.52 %
2018	8,329	7,604	7,419	56,153	37.28 %
2019	8,489	7,751	7,596	56,844	37.74 %
2020	8,648	7,896	7,755	57,185	37.97 %
2021	8,719	7,961	7,823	57,278	38.03 %
2022	8,659	7,905	7,767	57,236	38.00 %
2023	8,592	7,844	7,703	57,173	37.96 %
2024	8,529	7,787	7,645	57,121	37.92 %
2025	8,453	7,717	7,575	57,100	37.91 %
2026	8,369	7,641	7,501	57,114	37.92 %

[1]OFL/ABC/ACL values for 2015 and 2016 have already been adopted, and are not based on the results of this assessment.

Decision Table

The decision table reports 12-year projections for alternate states of nature (columns) and management options (rows) beginning in 2017. The results of this table are conditioned on the already-specified ACLs for 2015 and 2016 being achieved exactly. It is common to select an 'axis of uncertainty' from leading parameters, model structure, or historical catch levels, to best bracket the range of possible states of nature. In 2011, steepness (h) was evaluated as a possible axis of uncertainty, but even a broad range (from 0.3- 0.9) underrepresented the forecast uncertainty relative to that implied by the parameter uncertainty already included in the base-case model, where uncertainty includes that from natural mortality, survey catchability, and the scale of the stock-recruit function. Therefore, the percentiles of the asymptotic distribution are used to describe the relative probabilities among the states of nature, same as was done in the last assessment. Low and high columns are based on the 12.5th and 87.5th percentiles of the distribution about the base-case maximum likelihood estimates for: depletion, relative SPR (in reverse order to match depletion; i.e., larger values implying greater relative fishing intensity are reported first), and spawning biomass. Catch allocation used for the forecast reflects the average distribution of fishing intensity among fleets (hook-and-line, pot, and trawl) during 2012-2014.

The probability that the stock is overfished (<25%B_0) in 2015, based upon the estimated status and asymptotic uncertainty is 7%. Further, given any status much below the estimated current depletion, the stock is not projected to increase appreciably over the duration of these forecasts.

Table f. Decision table of 12-year projections for alternate states of nature (columns) and management options (rows) beginning in 2017. The percentiles of the asymptotic distribution are used to describe the relative probabilities among the states of nature. Values of relative SPR that exceed 100% indicate overfishing; order is reversed to maintain the 'lower-to-higher' pattern consistent with other quantities, i.e., larger values implying greater relative fishing intensity are reported on the left side of the table. The results of this table are conditioned on the already-specified ACLs for 2015 and 2016 being achieved exactly. Catch and spawning biomass (SB) are given in mt.

Management alt			State of nature								
			12.5th pctl			Max likelihood est.			87.5th pctl		
	Year	catch	Depl	Rel SPR	SB	Depl	Rel SPR	SB	Depl	Rel SPR	SB
12.5*th* pctl 40:10 catch	2017	4325	28%	81%	38139	37%	65%	55001	45%	49%	71863
	2018	4666	29%	83%	39567	38%	66%	57218	47%	50%	74870
	2019	4933	30%	84%	40544	39%	67%	59059	48%	50%	77574
	2020	5182	30%	86%	41059	40%	68%	60554	50%	49%	80049
	2021	5357	30%	87%	41196	41%	68%	61775	52%	49%	82353
	2022	5436	30%	89%	41091	42%	69%	62805	53%	48%	84520
	2023	5495	30%	90%	40875	42%	69%	63728	54%	48%	86582
	2024	5537	30%	91%	40616	43%	69%	64580	56%	47%	88543
	2025	5554	30%	92%	40367	43%	70%	65392	57%	47%	90417
	2026	5555	30%	93%	40148	44%	70%	66180	58%	47%	92212
40:10 catch	2017	7116	28%	98%	38139	37%	93%	55001	45%	87%	71863
	2018	7419	29%	100%	39540	37%	93%	56153	45%	86%	72767
	2019	7596	30%	103%	40447	38%	93%	56844	46%	84%	73241
	2020	7755	30%	105%	40803	38%	93%	57185	46%	82%	73566
	2021	7823	30%	107%	40671	38%	93%	57278	46%	80%	73885
	2022	7767	29%	109%	40196	38%	93%	57236	47%	78%	74276
	2023	7703	29%	111%	39548	38%	93%	57173	47%	76%	74798
	2024	7645	28%	113%	38825	38%	93%	57121	48%	74%	75416
	2025	7575	27%	114%	38096	38%	93%	57100	49%	73%	76105
	2026	7501	27%	115%	37390	38%	93%	57114	49%	72%	76838
87.5*th* pctl 40:10 catch	2017	9906	28%	132%	38139	37%	112%	55001	45%	93%	71863
	2018	10172	28%	134%	37457	37%	113%	55104	45%	93%	72750
	2019	10259	27%	136%	36156	36%	114%	54665	46%	92%	73174
	2020	10328	26%	138%	34408	36%	114%	53890	46%	90%	73373
	2021	10289	24%	140%	32376	35%	114%	52917	46%	89%	73458
	2022	10097	23%	142%	30245	34%	115%	51877	46%	87%	73509
	2023	9912	21%	144%	28174	34%	115%	50886	46%	85%	73599
	2024	9753	20%	146%	26207	33%	115%	49971	46%	84%	73734
	2025	9597	19%	148%	24370	33%	115%	49146	47%	82%	73921
	2026	9447	17%	149%	22650	32%	115%	48403	47%	81%	74155

Research and Data Needs

The following research could improve the ability of the stock assessment framework to reliably model sablefish population dynamics in the future:

Continuation of the annual NWFSC Shelf-Slope trawl survey will improve the precision of estimates of absolute stock size and productivity, which are reliant upon observing some contrast in stock trend (other than a one-way trip) with an unbroken survey index. Only a longer, more informative survey time-series will provide stock-specific and data-based information on the steepness parameter governing the sablefish stock-recruit relationship.

Update all relative survey indexes of abundance to use the latest delta-GLMM methods and investigate additional model structures.

Evaluate potential causes of residual patterns in the fit to larger cohorts in the age data (particularly the 1999 and 2000 cohorts) and to the size data (particularly for the hook-and-line fishery).

Evaluate potential causes of residual patterns in the fit to discard data, particularly for the pot fishery with respect to the early years of recorded discards.

Compared to other groundfish, age sampling of sablefish from the commercial fishery has generally been sparse. Work toward further standardization of state and federal biological sampling programs to reduce sampling variability would make the data more informative. For example, in a given year at least one state collects sexed-length observations, while at least one does not. If an increased fraction the catch was available for sampling at-sea, or in-port in a non-dressed form, then more consistent demographic information could result.

Investigate aging methods that could prove more precise than current break-and-burn methods. More accurate age data would facilitate tracking cohorts to older ages, improving estimates of historical year-class strengths. Further studies to investigate the potential for bias in aging methods should be conducted; these results will have a strong effect on natural mortality estimates.

Explore the effect of assigning unsexed fishery composition data to males and females using a 50:50 ratio or some other justified sex ratio, versus excluding the samples as was done in the 2011 assessment.

Continue to monitor and explore differences in discard rates with the implementation of the catch share system.

Routine collection of samples to refine estimates of biological parameters, particularly maturity and fecundity, could increase the reliability of this assessment.

Continued refinement of the historical landings estimates for Washington, subsequent to the large data entry of historical fish-ticket information currently underway, will likely produce a more accurate time-series of mortality and would complement the completed efforts to reconstruct California and Oregon landings.

Given the migratory nature and broad distribution of sablefish along the Pacific Rim, it is important to continue to evaluate the spatial aspects of the assessments, including the northern boundary with Canada, and the connectivity with offshore seamounts. A joint assessment with Canadian and Alaskan scientists could be warranted, following the approach taken by the International Pacific Halibut Commission.

Continue to evaluate methods to capture information regarding environmental and ecosystem variability in stock assessments. Further, historical records of particularly large year classes (e.g., 1947 reported by sport fishermen in central California) could be

investigated to better inform the historical period.

There is uncertainty in the accuracy of the dressed to whole weight conversions used in some situations to estimate fishery landings. Following Oregon's lead, this topic should be investigated, and total landed catch estimates adjusted, according to the best available conversion information.

Table g. Summary of sablefish reference points as estimated using the base-case model. Yields include discard mortality. Given steepness is a fixed parameter, the uncertainty in these reference points remains grossly underestimated.

Quantity	Estimated value	~95% interval
Unfished total biomass (mt)	413,038	303,832-
Unfished 4+ biomass (mt)	150,622	114,728-
Unfished spawning biomass (SB_0, mt)	17,198	11,304-
Unfished recruitment (R_0, thousands)		
Reference points based on $SB_{40\%}$		
MSY Proxy spawning biomass ($SB_{40\%}$, mt)	60,249	45,891-
Relative spawning depletion at $SB_{40\%}$	40%	
SPR resulting in $SB_{40\%}$	50%	
Exploitation rate resulting in $SB_{40\%}$	3.85%	3.37-4.32%
Yield with $SPR_{SB40\%}$ at $SB_{40\%}$ (mt)	7,476	5,171-9,781
Reference points based on *SPR* proxy for *MSY*		
Spawning biomass at $SPR_{MSY-proxy}$ (SPR_{proxy},	51,212	39,008-
Relative spawning depletion at SPR_{proxy}	34%	
SPRproxy	45%	
Exploitation rate corresponding to SPR_{proxy}	4.58%	4.01-5.15%
Yield with SPR_{proxy} at SB_{SPR} (mt)	7,759	5,368-10,150
Reference points based on estimated *MSY*		
Spawning biomass at *MSY* (SB_{MSY}, mt)	44,090	33,526-
Relative spawning depletion at SB_{MSY}	29%	
SPRMSY	41%	41-41%
Exploitation rate corresponding to SPR_{proxy}	5.26%	4.60-5.92%
Yield with SPR_{proxy} at SB_{SPR} (mt)	7,837	5,424-10,251

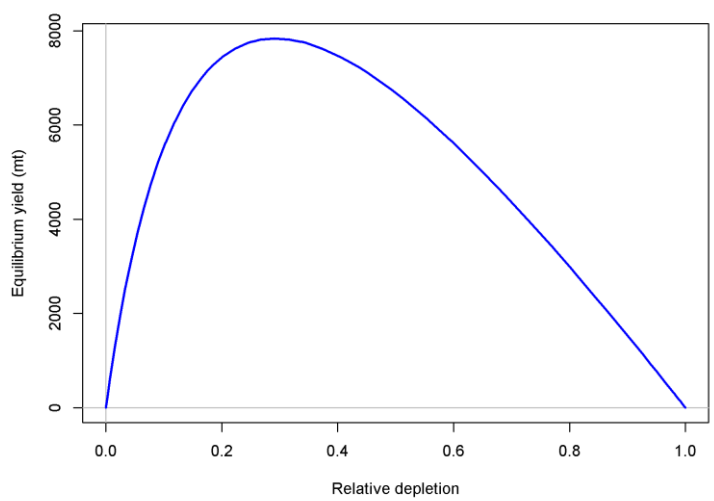

Figure h. Equilibrium yield curve (total dead catch) for the base-case model.

1 Introduction

1.1 Distribution and stock structure

Sablefish (*Anoplopoma fimbria*, or black cod) are distributed in the Northeastern Pacific Ocean from the southern tip of Baja California, northward to the north-central Bering Sea and in the Northwestern Pacific Ocean from Kamchatka, southward to the northeastern coast of Japan (Hart 1973, Eschmeyer and Herald 1983). The resource is modeled as a single stock and includes U.S. waters off California, Oregon, and Washington. However, there is some dispersal to and from offshore seamounts and along the coastal waters of the continental U.S., Canada, Alaska (Shaw and Parks 1997, Morita et al. 2012), and across the Aleutian Islands to the western Pacific which is not explicitly accounted for in this analysis (Fujioka et al. 1988, Heifetz and Fujioka 1991). Previous analyses suggest the existence of several stocks of sablefish in the Eastern Pacific, including a southern California stock, a central California through Washington stock, and a British Columbia to Gulf of Alaska stock (Schirripa 2007; and earlier assessments). Recent (2010) recovery of three tags off the U.S. West Coast illustrates the uncertainty in stock structure and movement rates: one tag moved from southern California to northern California (600 miles north), one tag moved from southern Oregon to Central California (>500 miles south), and the third tag was recovered within 15 miles of its release location. Furthermore, differences in maximum body size (larger to the north) and growth rates (slower to the north) are apparent; however environmental effects cannot easily be isolated from stock structure (Head et al. 2014).

Sablefish are ubiquitously distributed in California current waters, with smaller younger individuals generally found in shallower water, but show a characteristic ontogenetic shift to a fully mixed (adult and juvenile) demographic near the shelf-slope break (100-300 m). Beyond the shelf-slope break, the adult population is dominated by older (but generally not larger) individuals (well-explored in historical stock assessments; Methot 1994, Methot 1995), and younger fish become increasingly rare (see description of survey data below). Important for all modeling efforts, the stock is distributed beyond the greatest depth sampled by any of the surveys and beyond the deepest commercial fishing areas. Fish in the deepest areas tend to be the oldest individuals, but not the largest individuals, suggesting that age rather than size dictates depth distribution. However, the interaction of environmental conditions and seasonal movements that produce an increase in age with depth are largely unknown. Research in these deeper habitats is potentially difficult, as the deeper habitats occupied by sablefish span the EEZ boundary and extend across seamounts and ridges around the Pacific.

There are relatively fewer sablefish in Puget Sound and the Strait of Georgia than in coastal U.S. waters, therefore connectivity among these areas and the open coast is likely much less important to this stock assessment than movement along the open coast, especially between British Columbia and the U.S. West Coast.

1.2 Life history and ecosystem considerations

Sablefish off the U.S. West Coast exhibit a protracted spawning period from October through April, with peak spawning occurring in January and February. Spawning occurs along the continental slope in deep waters, generally greater than 500 m. This winter-time spawning appears to result in reduced availability to the commercial fishery during the winter months.

Eggs (~2.1 mm in diameter) are buoyant and rise to surface waters. After hatching,

post-larval sablefishare believed to continue to inhabit surface waters offshore. Within a few months they begin migrating inshore, where they become largely demersal and are captured by trawl surveys as small juveniles (cigars). In parallel with the above mentioned ontogenetic shift in distribution, sablefish generally grow rapidly reaching nearly asymptotic size and beginning to mature after 5-7 years. They reach full size and maturity in their first decade of life. Growth and maturity show a strong latitudinal gradient, with slower growth and maturity schedules moving northward along the distribution.

Female sablefish generally reach larger sizes than males; however the sex-ratio tends to be skewed toward males at the oldest ages implying a lower natural mortality rate for males relative to females. The oldest sablefish in current records was captured in 2006 off Washington and aged (with observation error) at 102 years. This female was only 68 cm long, nowhere near the longest individual (117 cm).

Adult sablefish are fast-swimming and capable of feeding on a diverse array of prey species including fishes, cephalopods, and crustaceans (Low et al. 1976; Shaw 1984). The cohabitation of adult and juvenile sablefish may result in some cannibalism, and large changes in predator biomass (such as the recent rebuilding of lingcod, *Ophiodon elongatus*) could have a strong feedback on juvenile survival and therefore stock productivity.

Many groundfish show decadal changes in productivity linked to ocean conditions. For sablefish, the correlation between productivity in the California current and recruitment success is well-documented (Schirripa and Colbert 2006, Schirripa et al. 2009) and has been included in previous stock assessments (Schirripa 2002, Schirripa and Colbert 2005, Schirripa 2007). Future environmental conditions and changes in the timing, dynamics, and productivity of the California current ecosystem have a high potential to directly affect the sablefish stock through recruitment success. However, with no ability to accurately predict these conditions, climate change should be considered a significant source of uncertainty in all projections of stock status. Further (and unknown) effects on individual growth, life history, or stock distribution also increase un-modeled prediction uncertainty.

1.3 Historical and current fishery

Sablefish catches are recorded back to the beginning of the 20th century, primarily in California, but appreciable quantities were not landed until 1916-1919, and landings remained below 5,000 mt through 1968 (Table 1; Figure 1). Landings prior to 1960 were primarily harvested by hook-and-line fisheries. This lack of species identification for reported catches increases the uncertainty in the historical catch reconstructions and thus the uncertainty in the size of the stock prior to fishing. The sablefish fishery increased dramatically during the 1970s, first from a combination of foreign vessels (Van Houten Lynde 1986, McDevitt 1987), followed by an increase in the domestic fleet. Increases correspond to the introduction of a pot fishery followed by an increase in the catch coming from the trawl sector, with only minor increases in the hook-and-line sector until the mid-1980s, after the peak removals from the other sectors. A very large catch by foreign vessels, fishing pot gear, in 1976 resulted in the largest single-year removal of over 25,000 mt from the stock. A rapid rise in domestic pot and trawl landings followed this peak removal, such that on average, nearly 14,000 mt of sablefish were landed per year between 1976 and 1990. Subsequently, annual landings have remained below 10,000 mt, divided approximately 45% from hook-and-line, 17% from pot, and 38% from trawl gear during the most recent decade. The decline in domestic landings through the 1980s was likely due to a

combination of reduced Asian market strength and increasing fishery regulations, with potentially some impact of the declining stock size.

A variety of sources were used to reconstruct historical sablefish landings, creating a series of catches from 1900 to present. Generally, historical sablefish landings are more reliable than those for many other groundfish species because of their consistent identification to the species level. An important portion of the uncertainty in historical landings (i.e., fish brought to market), primarily for Washington landings, stems from poor identification of fishing location (coastal U.S., Canadian, or Alaskan waters). For example, because sablefish are found from the southern tip of Baja California to the north-central Bering Sea, fish landed in Washington ports are not necessarily caught off the coast of Washington, which can be problematic given Alaskan sablefish are modelled as a separate stock. Reconstructions for California and Oregon, (Karnowski et al. 2011, Ralston et al. 2010), along with a more limited Washington analysis, were included in the 2011 assessment and this assessment update. Before the reconstructions were available, assessments populated the period prior to 1930 with extrapolated landings rather than actual landings, as done now. Current methods only extrapolate a small amount of landings prior to 1920.

Discards are internally estimated in the assessment model (i.e., simultaneous estimation of total catches and other model parameters), which can result in estimates of total mortality that differ between stock assessments even when inputs remain unchanged, accounting for the small differences in estimated dead biomass between the 2011 assessment and this assessment update. Model estimates of discarding result in total dead catches that are an average of 5.66% larger than reported landings over the last decade.

Since 2002, the trawl fishery has encountered a relatively continuous distribution of catches across deep shelf and slope waters from Point Conception north to the U.S. Canadian border (Figures 2 and 3). The fixed gear fishery (including all sectors using pot and hook-and-line gear) has shown a somewhat more patchy distribution (Figures 4 and 5), focusing on areas with slightly higher catch-rates, and extending (albeit with lower total catch) through the waters south of Point Conception (Figure 5). In 2014, the ex-vessel value of the sablefish fishery was estimated at 24.1 million dollars (http://pacfin.psmfc.org/).

1.4 Management history and performance

From the early 1900s to the early 1980s, management of the sablefish fishery was the responsibility of the individual coastal states (California, Oregon, and Washington). Since the adoption of the Groundfish Fishery Management Plan by the Pacific Fisheries Management Council (PFMC) in 1982, responsibility has rested with the federal government and the PFMC. From 1977 to the mid-1980s, U.S. commercial fishermen took advantage of their newly protected fishing grounds (i.e., the enactment of the Fishery Conservation and Management Act, which occurred in in 1976, later to be renamed Magnuson Stevens Fishery Conservation and Management Act) recording high catches of sablefish to meet the demands of flourishing export (primarily Asian countries) and domestic markets.

The first coast-wide-established regulations off the U.S. Pacific Coast for the sablefish fishery were implemented as trip limits in October 1982, followed by a rich history of management via seasons, size-limits, trip-limits, and a complex permit system (Table 2; See Appendix A of Stewart et al. (2011) for a comprehensive list of management actions). Beginning in 1983, additional trip limits were imposed on landings

of sablefish less than 22 inches in length, considered incidental catch. In 1987 allocations between the trawl and non-trawl fleets were implemented.

Beginning in the late-1980s, the fixed-gear sablefish fishery was managed as a derby fishery, characterized by increasing reductions in season lengths. In 1991, the fully open season lasted seven weeks, from April 1 through May 23. In 1992, approximately 1,300 mt were landed under early season trip limits of up to 1,500 lb/day, and the fully open season lasted from May 12 through May 26. In 1993, there was a 250 lb/day trip limit prior to the open season which extended from May 12 through June 1. In 1994, the fully open season was shorted to May 15 through June 3. In 1995, the open season lasted one week, from August 3 to August 13. The open season spanned only six days in 1996, from September 1 to September 6. In 1997, 9 days (August 25 to September 3) were set aside for the open season, with a mop-up period from October 1-15. In the more recent period, the limited-entry fixed-gear fishery has been managed primarily through the use of tiered cumulative limits (allocated on the basis of historical landings) which can be landed throughout a 7-month season. The remaining open-access fishery and some limited-entry non-trawl vessels are allowed to make smaller landings that are subject to daily/weekly limits and 2-month cumulative caps.

Additionally, sablefish are harvested by the trawl fishery in association with a variety of other species which are distributed to domestic and foreign markets. Prior to 2011, the trawl fishery was managed primarily through the use of trip limits. These evolved from simple per-trip limits in the 1980s to cumulative periodic (monthly or bi-monthly) limits by the mid-1990s. In addition to sablefish- specific limits, various limits were in place for the overall landings of deep-water complex species (see Stewart et al. (2011) for more detail).

Coast-wide yield-targets are divided among the different gears (hook-and-line, pot, and trawl), fishery sectors (including both limited entry and open access) as well as north and south of 36° latitude. The overfishing level (OFL, formerly the ABC) for sablefish has ranged from 6,058 (2008) to 9,914 mt (2009) during the last decade (Table 3). Catch targets (ACLs, formerly OYs) ranged from 5,451 (2013) to 8,423 mt (2009) over the same period. Landings were estimated to be below the ACLs in all years. Total mortality (including discards predicted to not survive) in the context of management limits and targets is discussed in Section 5 below.

An Individual Fishing Quota (IFQ) program, referred to as catch shares, was implemented for the U.S. West Coast trawl fleet beginning in 2011 (with gear switching allowed, such that pot gear can be used to catch sablefish under the trawl IFQ). This has resulted in changes in fleet behavior, the distribution of fishing effort, and discarding rates (Table 4).

1.5 Fisheries in Canada and Alaska

Historically, Alaskan catches were much larger than those on the U.S. West Coast. Catches in Alaska have reached as high as 17,720 mt in the last decade, but declined steadily from 2004 to 2014, with 2012 catches of 11,476, the lowest since 1980 (Hanselman et al. 2014). Recent Alaskan catches were mainly comprised of a relatively strong 2000 year class. Slow increases in spawning stock biomass were estimated from 2000 to 2010 but the increasing trend was predicted to decline from 2010-2020.

In British Columbian waters, yearly landings since 1969 range from 2,290 t in 2003 to 7,410 t in 1975 (Kronlund 2010). The 2003 catch was the lowest since 1967 (Haist et al. 2005). Expected annual catches are projected to be lower than average over the next 10 years because of the high fishing mortality between the 1960s and

1990s (Kronlund 2010).

2 Data

2.1 Data sources

The following data sources were used in building this assessment update (Figure 6):

- Fishery-independent data, including relative abundance indices and length and age data from the Northwest Fisheries Science Center (NWFSC) Shelf-Slope bottom trawl survey (2003-2014), the NWFSC slope bottom trawl survey (1998-2002), the Alaska Fisheries Science Center (AFSC) slope bottom trawl survey (1997-2002), and the AFSC Triennial shelf bottom trawl survey (1980-2004).
- Estimates of fecundity, maturity, length-weight relationships, and ageing imprecision from various sources.
- Informative sex-specific priors on natural mortality based upon meta-analytical relationships with other life-history parameters derived from data across a number of fish stocks (Figure 7).
- Reported commercial and reconstructed landings (1900-2014).
- Biological data (age and length) from the commercial port sampling programs (1978-2014).
- Biological data (length and mean weight) and discard rates from at-sea observer sampling programs (2002-2014).
- Environmental indices of sea-surface height and zooplankton abundance. The environmental index is explored via sensitivity analyses, but it is not included in the objective function of the base-case model, similar to the 2011 assessment.

2.2 Fishery-independent data

2.2.1 NWFSC Shelf-Slope bottom trawl survey

The NWFSC Shelf-Slope bottom trawl survey has maintained a consistent stratified random survey design over the period 2003-2014, including depths from 55-1,280 m. Sablefish are captured in a very high proportion of survey hauls over most of the west coast shelf and slope depths (Table 5; Figure 8). NWFSC trawl data are used to estimate a relative index of abundance for several groundfish species including sablefish. Data were analyzed using a delta-generalized linear mixed effects model (delta-GLMM), which explicitly models both the zero (using logistic regression) and non-zero (using a generalized linear model) catches and allows for skewness in the distribution of catch rates through the use of a gamma or lognormal error structure (Maunder and Punt 2004). The product of these two components yields an estimate of overall abundance (Pennington 1983).

For this assessment, delta-GLMM analyses were conducted using an open source software package from Thorson and Ward (2013) implemented in the R statistical software environment. The previous assessment, and all other 2011 groundfish assessments, used a delta-GLMM approach following the methods of Helser et al. (2004) implemented in OpenBUGS (http://www.openbugs.info/), an offshoot of WinBUGS, within R, conducted by John Wallace (personal com.). The change in methods was reviewed and endorsed by the PFMC's Scientific and Statistical Committee (SSC). The use of the delta-GLMM facilitates the inclusion of vessel:year interactions as random effects, which is necessary because vessels used for the survey are not consistent across years and are instead selected via an open-bid sampling contract (Helser et al. 2004). In 2011, both lognormal and gamma error structures

were considered for the model component representing positive catches, and in all cases gamma errors were found to perform best. Consequently, only models using gamma distributed errors were investigated for this update. A Bernoulli error structure was assumed for the presence/absence component. Three potential effects (stratum, vessel, and year) were investigated, for a total of five model structures, each with a different combination of fixed and random effects:

- Model 1: strata and year as fixed effects and the interaction of year and vessel as random effects; Model 2: strata and year and the interaction between strata and vessel as fixed effects;
- Model 3: strata and year as fixed effects and the interactions between year and vessel and strata and vessel as random effects;
- Model 4: strata and year as fixed effects; and
- Model 5: strata and year as fixed effects with correlated interactions between year and vessel and strata and vessel.

Additionally, all models included survey pass as a covariate to account for the incomplete sampling during the second pass of the 2013 NWFSC Shelf-Slope bottom trawl survey. The 2013 survey was cut short and no stations south of 37°N were sampled (Figure 8). Consequently, data for the strata between 34°N and 40.5°N (i.e., strata I, J, K, and L) in the second pass were not considered representative. Furthermore, strata M, N, and O were not sampled during the second pass, so they were not included in the delta-GLMM.

Model convergence was evaluated using the effective sample size of all estimated parameters (>500 was sought) and visual inspection of trace and autocorrelation plots (where a maximum 0.2 was sought for the lag-1 autocorrelation). Model goodness-of-fit was evaluated using Bayesian posterior predictive checks and Q-Q plots.

When implementing the delta-GLMM approach, it is recommended that there be at least three positive tows in each strata:year combination. Stratification of the survey abundance index was performed via a priori inspection of trends in size across latitude and depth, an evaluation of the presence or absence of sablefish in certain depth- or latitudinal areas, the boundaries of survey design changes, and the requirement of a sufficient number of positive tows in each strata:year combination. For sablefish, a rapid increase in average fish size was identified over the shallowest depths to roughly 183 m, thus defining the maximum depth for the first depth strata (Figure 8). The large number of positive tows in depths greater than 183 m made it possible to further stratify the survey region at depths of 549 and 900 m (Figures 8 and 9). No tows were made deeper than 1,280 m, which represents the final outer stratum boundary (Figures 8 and 9). Across latitude, the boundary at 34.5°N captured the lack of juvenile (age-0 and age-1) fish in the southern zone and represents the southernmost break (Figures 8 and 10). Further stratification breaks at 40.5°N and 45°N were easily supported by the quantity of observations (Figure 8). The strata south of Point Conception, and shallower than 183 m, was found to have no sablefish observations, except for a very few at the northern boundary (between 34°N and 34.5°N). Thus to avoid extrapolating biomass into areas with no fish, a shallow break at 34°N was used for the strata shallower than 183 m and south of 40.5°N. The final stratification resulted in 15 strata that could be applied to all trawl surveys (albeit by removing unsampled areas for historical AFSC surveys) and appeared to adequately capture the most dominant demographic trends in size and age. These strata remain unchanged from the strata used in the 2011 assessment.

The biomass index shows a relatively precise and strong declining trend from 2003-2008, stabilization from 2008 through 2013, and an increasing trend between 2013 and 2014

(Figure 11). The 2011 assessment found the declining trend to be robust to alternate stratifications and to delta-GLMM versus design-based estimators. Model results were similar across all investigated fixed- and random-effect structures and insensitive to software frameworks (Figure 12). A model including fixed-effects for year and strata and random-effects for strata:year and vessel:year interactions (Model 3) fit the data well and was most similar to the index used in 2011, thus results from Model 3 were carried forward and used as input for this stock assessment update (Figure 13).

Thirty-six bins from <20 to 90+ cm were used to summarize the sex-specific length frequencies of the survey catches in each year; the first bin includes all observations less than 20 cm and the last bin includes all fish 90 cm or larger. Unsexed fish were assigned to males and females using a 50:50 sex ratio. These bins are heavily populated (Table 5) and broadly show modes for age-0 fish (20-30 cm), age-1 fish (30-40 cm) and adults to ~80 cm (Figure 14). Large cohorts are visible beginning in 2008, 2010, and 2013 showing clear progress in the length-composition data over time (Figure 15).

Age-frequency data were compiled as yearly sex-specific conditional age-at-length distributions. Individual length- and age-observations can be thought of as entries in an age-length key (matrix), with age across the columns and length down the rows. The approach consists of tabulating the sums within rows as the standard length-frequency distribution and, instead of also tabulating the sums to the age margin, the distribution of ages in each row of the age-length key are treated as separate observations, conditioned on the rows (length) from which they came. This approach has several benefits for analysis compared to the standard use of marginal age compositions. First, age structures are generally collected as a subset of the fish that have been measured for length. If ages are used to create an external age-length key to transform the lengths to ages, then the uncertainty due to sampling and missing data in the key is not included in the resulting age-compositions. Furthermore, if marginal age-compositions are used along with length compositions, the information content on sex-ratio and year class strength is largely double-counted as the same fish are contributing to likelihood components, which are assumed to be independent. Using conditional age-distributions for each length bin allows only additional information provided by the age data (relative to the generally far more numerous length observations) to be captured, without creating a double-counting of the data in the objective function. Additionally, conditional age-composition observations facilitate internal estimation of basic growth parameters (Length at age and *K*) and distribution of lengths at a given age, usually governed by two parameters – the CV of length at a specified young age and the CV of length at a much older age. Without conditional age-composition data, CVs can only be derived from accurately aged and measured marginal age- and length-composition observations where very strong and well-separated cohorts existed; rare conditions at best. Estimating the growth specifications within the stock assessment model facilitates the inclusion of this major source of uncertainty in the assessment results.

Age distributions included 36 bins from age 0 to age 35+. Approximately one-quarter as many fish were aged as were measured for length, but these fish were collected from a similar number of tows (Table 5). Distributions show the rapid growth trajectory over the first several years of life, as well as the larger abundance of males in the 35+ bin (Figure 16). Dimorphic growth is also quite pronounced, with virtually all sablefish above 70 cm being female. It is often helpful for visual interpretation to compute the marginal age-compositions, and include these in the assessment model (with

the likelihood contribution turned off, so they do not affect model fit in any way) for comparison of the implied fit to the age margin of the age-length key. The marginal age compositions allow for easier visual tracking of strong cohorts and offer a view of the data more familiar for those accustomed to diagnosing model fit based on marginal age-composition data. NWFSC Shelf-Slope survey age distributions also clearly show the pronounced 2009 and 2010 cohorts, as well as a recent population dominated by the 1999 and 2000 cohorts, but with an appreciable number of age-35+ individuals (Figure 17).

2.2.2 NWFSC Slope bottom trawl survey

The NWFSC Slope bottom trawl survey preceded the NWFSC Shelf-Slope survey, starting in 1998 and ending in 2002. The survey covered depths ranging from 183-1,280 m and used small (<93 ft.) chartered commercial fishing vessels. The same stratification as the NWFSC Shelf-Slope survey was used to analyze the slope survey. However, the southern and shallow strata were not sampled during this time-period and thus were excluded from the analysis. The slope survey consists of fewer tows but a similar proportion of positive tows, from which length samples were collected (Table 6). The fraction of tows which sampled ages is much lower. The biomass index shows a relatively flat trajectory over the survey period (Figure 18).

The length-frequency distributions for the NWFSC slope survey showed the 1999 cohort as age-1, -2, and -3, but did not observe them at age-0 (Figure 19); this is expected because generally age-0 fish are present only over shallower depths. Dimorphic growth is visible in the length-frequency observations, as well as in the conditional age-at-length distributions (Figures 20 and 21). The marginal age distributions corroborate the strong 1999 year-class, and show some evidence for a strong 1995 cohort, as well as a protracted distribution of ages between 8 and 35 (Figure 22).

2.2.3 AFSC Slope bottom trawl survey

The AFSC slope survey was conducted over depths from 183-1,280 m, north of 34.5°N in 1997, 1999, 2000, and 2001. Limited sampling in earlier years covered only relatively small (and inconsistent) portions of the coast and are therefore insufficient to provide an index of abundance. The same stratification as the NWFSC slope survey was used to analyze the AFSC slope survey. This survey had a very high degree of both positive tows and biological sampling (Table 7). The AFSC slope biomass index also shows a relatively flat trajectory over the survey period, albeit one with differing peaks from the NWFSC slope survey (Figure 18). Similar to the NWFSC slope survey biological data, the length-frequency distributions for the AFSC slope survey show a strong 1999 cohort as well as a few age-0 fish in 2000 and 2001 (Figure 23). The conditional age-at-length distributions are similar as well, with the exception of a seemingly anomalous number of males at the largest sizes, perhaps implying some error in the identification of sex for these fish (Figure 24).

2.2.4 AFSC Triennial Shelf bottom trawl survey

Previously, the triennial shelf bottom trawl surveys conducted by the AFSC in 1980, 1983, 1986, 1989, 1992, 1995, 1998, 2001, and 2004 provided the longest time series of information regarding abundance of sablefish, especially for younger fish occurring at the shallowest depths (Weinberg et al. 2002). Sampling occurred over depths from 55 to 366 m (500m after 1992), and from 36.5°N (34.5°N after 1992) to the Canadian border. Lengths were collected for a large number of fish; however age-sampling was relatively sparse (Table 8).

In general, the surveys were conducted from mid-summer through early fall; however during the 2007 assessment cycle a marked shift in the timing of surveys was identified, with the surveys occurring much earlier in 1995 and after (Figure 25). To address this change in design, subsequent groundfish assessments have estimated catchability separately for the two portions of the time-series. Similarly, a retrospective analysis of catch rates for benthic material identified a large number of water-hauls (Zimmermann et al. 2001, 2003) in the early years of the AFSC shelf survey, leading groundfish assessments to exclude these hauls in stock assessment analyses and to exclude the survey entirely.

The AFSC shelf survey biomass index shows an increasing trend from 1992 to the last year of the time series in 2004 (Figure 18). The trend may not be reliable because of changes in timing, noted above, as well as movement into deeper waters between 1992 and 1995. Furthermore, the trend was not picked up in the previously described indexes that overlapped in the early 2000s. Future assessments may wish to update this index using the newest available methods, as the magnitude of the trend decreased when updated in the previous assessment.

Sablefish were not reliably identified to sex during the 1983 and 1986 surveys, so the length-frequency observations were aggregated among males and females and show little clear information (Figure 26). Length frequencies for subsequent years were quite variable, and conspicuously missing any age-0 sablefish (Figure 26). Conditional age-at-length distributions show some of the largest female sablefish caught by any survey, but a very rapidly truncated age structure (Figure 26). The latter pattern is expected given the very limited depth range covered by the survey.

2.2.5 Other fishery-independent data

Pot surveys were conducted by the National Marine Fisheries Service (NMFS) in 1979, 1980, 1981, 1983, 1985, 1987, and 1989 in northern International North Pacific Fisheries Commission (INPFC) areas (U.S. Vancouver and Columbia) and in 1984, 1986, 1988, and 1991 in southern INPFC areas (Eureka, Monterey, and Conception) (Parks and Hughes 1981, Parks and Shaw 1983b, 1985, 1987, 1989, Kimura and Balsiger 1985). Catch information (number of fish/pot) and biological data were collected according to grade-specific categories: large fish (>68 cm); medium (62-67 cm); small (52-61 cm); and extra-small (<51 cm). Early sablefish stock assessments had little choice but to use the geographically limited and variable pot surveys as indices of abundance. Over time, growing time-series of trawl survey indices, conflicting abundance trends and incomplete spatial coverage within the pot surveys have led to their exclusion from all recent stock assessments. These indices have not been revisited for this assessment, but future work could re-evaluate the possibility that there is some useful information in these data-sets through updated analysis or modeling methods.

2.2.6 Environmental indices

The correlation between sablefish recruitment strength and environmental conditions in the California current has been the topic of extensive research (Schirripa and Methot 2001, Schirripa and Colbert 2006, Schirripa et al. 2009). The relationship has been modeled both via a direct offset to the expected value for recruitment (Maunder and Watters 2003, Schirripa and Colbert 2005), and as an index of recruitment deviations (Schirripa 2007). The former method makes it difficult to determine the appropriate degree of recruitment variability for the deviations themselves, and also requires that the environmental series be treated as if it is known without error. The latter method allows

for observation error in the environmental series, as well as for tuning of the uncertainty so that forecast uncertainty is consistent with the degree of correspondence observed within the time-series. Although it has received much attention in recent assessments and reviews, the link between recruitment strength and environmental conditions has generally been contentious, and ultimately has not greatly influenced model results or predictions (Schirripa 2007, Stewart et al. 2011).

The topic of model-selection, robustness and validation for the sablefish recruitment-environment relationship has been a recurrent theme in STAR panels and with the SSC since its use in the 2002 stock assessment. Most recently, the covariate of average sea surface heights (SSH) over the spring months was the focus of much research. A number of covariates at several temporal and regional aggregations appear to have been tested, resulting in a total of almost 900 unique possible combinations. However, not all of these series are independent. In fact, SSH appears to have been selected, in part, as a replacement for the copepod index on the basis of the correlation between the two and the more complete time series of the former. Previous research suggests there is little chance of selecting a randomly generated time-series with the observed R^2 between recruitment and SSH, supporting the hypothesis that the relationship between sablefish recruitment and SSH is not spurious. However, the relatively small number of years over which the correlation has continued, beyond what is predicted at random, should be noted. For this assessment update, the time series of SSH was extended to 2014, and scaled such that the SD matched the σ_r used for recruitment deviations (see below).

An index of relative zooplankton abundance in the California current was evaluated (J. Fisher, W. Peterson, personal communication, 2015). The data represents the output of a principal component analysis for summer (June-August) zooplankton abundance. The time series was scaled and treated similarly to SSH. The effect of implementing each time series was investigated using sensitivity analyses.

The two environmental variables produced similar patterns in the resulting indices (Figure 28). Both capture the general patterns in recent recruitment (above average recruitment in 1999, 2008, and 2013). Two aspects regarding the inclusion of SSH or zooplankton abundance need further consideration: 1) the assumption must be made that the period over which both recruitment deviations and the indices are compared is centered on the stock-recruit curve, which will be reasonable for very long time-series (Table 9) and 2) the spatial and temporal scale over which the indices are calculated is relatively small compared with the distribution of the sablefish stock.

2.2 Biological data

A number of biological parameters were estimated outside the assessment model. These values are treated as fixed, and therefore uncertainty reported for the stock assessment results does not include any uncertainty associated with these quantities. Input values for such parameters are provided in Table 11, and the methods are described below.

2.2.1 Weight-length relationship

The weight-length relationship is based on survey data from 24,602 fish sampled in California, Oregon, and Washington between 1978 and 2014 with information on both length and weight. Male (n = 13,001) and female (n = 11,172) curves were fit separately using the assumption of normally distributed residuals about the log-linear relationship $W = aL^b$. Parameter estimates derived from this analysis (Table 11) are consistent with published studies (and previous sablefish assessments). Estimated sex-specific relationships fit the data

well, and indicate little differences between males and females (Figure 29).

2.2.2 Maturity schedule

Maturity is modeled as a logistic function of length, where the probability that individual i is mature is based on the length of individual i (L_i), length at 50% maturity ($L_{50\%}$), and a rate parameter (β). Most studies report estimates of $L_{50\%}$ while fewer report estimates of β. Additionally, although several studies exist for Alaska, Canada, and the U.S. West Coast, the results are variable. In general, $L_{50\%}$ is greater for sablefish in Alaska and Canada than off the U.S. West Coast (Parks and Shaw 1983b, McFarlane and Beamish 1990). Estimates of $L_{50\%}$ are smaller for sablefish in deeper waters (Fujiwara and Hankin 1988) and for older individuals (Methot 1995); these latter effects are linked due to the likely ontogenetic movement of mature individuals offshore. Additionally, stressed individuals (such as those with tags) appear to have higher $L_{50\%}$ (McFarlane and Beamish 1990). In general, even similar studies from similar areas (Parks and Shaw 1987, 1988), time-frames (Parks and Shaw 1983b), and study designs (McFarlane and Beamish 1990) estimate considerable variability in $L_{50\%}$. Variability could represent sampling error, variability in the biological processes influencing maturity, or both. In aggregate, variability among areas, years, and studies appears to represent a range of 2-4 cm between lower and upper estimates of $L_{50\%}$.

Historical estimates of $L_{50\%}$ for female sablefish off the U.S. West Coast range from approximately 56 cm (Parks and Shaw 1983a, Fujiwara and Hankin 1988, Methot 1995) to 60 cm (Hunter et al. 1989). Here, we used an intermediate value of $L_{50\%}$ = 58 cm (Table 11) as did the 2011 full assessment. Given sparse reporting for estimates of β, we use the value β = 0.13 from Fujiwara and Hankin (1988). The composite maturity schedule suggests a slightly more protracted size range over which sablefish mature than has been estimated in recent assessments (Figure 30). A recent study, which included 477 female sablefish, found $L_{50\%}$ to decrease from north to south and with increasing depth (Head et al. 2014). Coast-wide estimates of $L_{50\%}$ were somewhat smaller than historical estimates at 54.64 cm. Sensitivity analysis of the model results to the maturity schedule is reported below.

2.2.3 Fecundity

Available data suggests that sablefish are determinate spawners (i.e. total oocytes at the beginning of the spawning season is equivalent to total annual spawning output) and spawn 3-4 times per year (Hunter et al. 1989, Macewicz and Hunter 1994). The total number of oocytes at the beginning of the spawning season appears to be linearly proportional to weight (Hunter et al. 1989), implying that spawning output for a mature female is also proportional to weight. This assumption has been used in previous sablefish stock assessments and is retained here (Table 11) in the absence of new information. However, there are no data to assess the likelihood of skip-spawning behaviors, environmental effects, or other factors that could cause fecundity to vary nonlinearly with weight.

2.2.4 Natural mortality (*M*)

From 1992 to 2007 a single fixed value for natural mortality (M) of 0.07 was assumed in all stock assessments (Schirripa 2007). Improvements in the understanding of the importance of M estimates on stock assessment model uncertainty, and the growing number of assessments identifying differences in M among male and female groundfish, make a fixed value approach undesirable. Furthermore, the maximum aged sablefish on record is over 100 years, but recent survey and commercial catch are largely

dominated by much younger individuals. Prior probability distributions for males and females were developed based on a hybrid method including both Hoenig's (1983) method using maximum observed age and Pauly's (1980) meta-analysis of *M* for a wide range of fish species. The method calculates prediction intervals, using input information including the maximum observed age, average temperature, and growth parameters (Hamel 2015; Then et al. 2015). Results of the analysis from which the priors for *M* were developed, were relatively insensitive to the choice of specific input parameters and generally quite uncertain: $ln(M) = -2.1791$, SD = 0.3384 for females and $ln(M) = -2.0565$, SD = 0.3375 for males (Figure 7). Both priors resulted in a substantial probability density over the range 0.06-0.2. This is somewhat higher than might be expected, largely because sablefish grow very rapidly relative to most other long-lived fish, especially males. The priors were both developed and implemented during the 2011 assessment and remained unchanged for this assessment update. Although, the phase in which *M* was estimated was changed to earlier in the model; from phase 8, the terminal phase, to phase 3 (Figure 31).

2.2.5 Ageing bias and imprecision

Observed sablefish ages are derived from visually counting rings on otoliths using 'break-and-burn' methods. Because sablefish are long-lived, these counts can be large, and the repeatability of individual age estimates is imperfect, especially for older fish. The observed age can therefore differ (sometimes substantially) from the true age of a fish (called 'reading error'). Aging error can be decomposed into the difference between true age and average-read age ('bias') and variability around that average read age ('precision'). The bias and precision for aging methods or labs for west coast groundfish is generally estimated as a hierarchical model using readily available software (Punt et al. 2008) and data consisting of comparisons among and within methods or labs ('cross-reads' or 'double-reads').

A database of all available age comparisons for sablefish exists, including 6,959 reads for 2,619 unique otoliths, with a large number of reasonably old (>40 years) fish (Figure 32). Data include 15 individuals with known ages (i.e., no bias and perfect precision) obtained from tag-recapture studies in Alaska and other reads from thirteen readers in four laboratories (NWFSC: seven readers; AFSC: two readers; ADFG: two readers; DFO: two readers). It is assumed that reading errors for all readers within a laboratory had identical precision and bias.

In 2011, initial inspection of the data revealed that NWFSC ages were biased (low) relative to the small sample of tagged fish, which appeared to be aged much more accurately by the AFSC (Figure 33). Data were then analyzed using the ageing-error model from Punt et al. (2008), which estimates (1) the true proportion-at-age in the sample, and (2) the bias and precision for each of four laboratories. This model treats the 'true' age for each otolith as a random effect, and estimates the marginal likelihood of all other fixed effects while integrating across these random effects. Stepwise (i.e. forward and backward) model selection was used to select among all combinations of three precision models (i.e. linear and a Hollings-form for either standard deviation or coefficient of variation for precision) and two bias models (i.e. linear or Hollings-form) for each laboratory, as well as the maximum age for which a proportion-at-age parameter was estimated (possibly ranging from 2 yr to 80 yr). Model comparisons were conducted using the Akaike Information Criterion (AIC) which is often used for selection of fixed effects in maximum likelihood models with random effects. Stepwise model selection identified a model with Hollings-form bias and Hollings-form standard deviation of precision for each

laboratory. Biases were very large and negative (i.e. reads were lower than the true age) and the standard deviation was increasing with true age for all laboratories (Figure 34).

In the 2011 assessment, a substantial amount of preliminary modeling was performed using the estimates that ages were both highly imprecise and very biased. Results revealed that the degree of bias estimated from initial ageing error analyses was incompatible with observed cohorts moving through the population and produced poor residual patterns and unrealistically low estimates of natural mortality. Based on these findings the information used to estimate ageing error properties was re-evaluated.

Of particular interest was whether the tagged fish, which originated in Alaska, showed similar patterns to fish from the west coast, where the NWFSC age-readers would presumably be more comfortable with patterns observed on the otoliths. A comparison of a much larger sample (also containing much older fish) of otoliths collected during trawl survey operations revealed that there was likely a much greater consistency among labs for west coast fish (Figure 35). It was concluded that the perfect ages derived from the tagging experiment were not broadly representative of the aging methods for the fishery and survey samples available, and that the initial analysis of bias was heavily influenced by these few fish.

In contrast to the ageing imprecision applied in the 2007 assessment, double-reads from the NWFSC produced an estimate of imprecision suggesting that by age 50 observed ages can easily differ from true ages by as much as 10-12 years (Figure 36). This result is quite consistent with the comments made by age-reading staff indicating that sablefish can be difficult to age consistently. Because of the uncertainty in the ageing process and the lack of a true age validation study for west coast sablefish, several alternate treatments of ageing bias and impression were evaluated via sensitivity testing during the 2011 assessment. No additional investigation was performed regarding new and/or improved aging methods for this assessment update, though both new and/or improved aging methods and related studies are identified as important recommendations for future research.

2.3 Fishery-dependent data

2.3.1 Historical commercial landings

The historical commercial catch reconstruction used for this assessment update represents a complete reconstruction (Table 1; Figure 1). Reconstructions were state-specific and remain unchanged from the previous assessment.

For California, 1916-1968 commercial landings rely on estimates from the recent reconstruction efforts by the Southwest Fisheries Science Center and California Department of Fish and Game (CDFG) (Ralston et al. 2010). Reconstructions utilized spatial information regarding groundfish landings back to 1931. This method is probably quite reliable for sablefish, because sablefish are identified as a separate market category. Prior to 1931 landings estimates were available from published CDFG Bulletins back to 1916. Fisheries statistics of the U.S., published by the U.S. Fish Commission, extended the series back to 1908. Catch from 1908 was estimated to be less than 16 mt and was extrapolated linearly to zero in 1900. The cumulative catch during this period was relatively small, and although there is uncertainty in apportionment to gear type, catches were split between hook-and-line and trawl based on the earliest ratio recorded. The most recent historical catches (from 1981 to 2014) were extracted from PacFIN in February 2015.

Oregon reconstruction efforts extend historical catches back to 1927 (Karnowski et

al. 2011). Low et al. (1976) provided total landings from 1915-1926. Information prior to 1915 remains undocumented, thus a linear extrapolation from 10 to 0 mt between 1916 and 1900 was applied. Catches from 1987 (the last year of the reconstruction) to 2014 were extracted from PacFIN in February 2015.

Washington lacks a comprehensive historical reconstruction that can be directly used for assessment purposes, although efforts are underway. The main concern with catches landed in Washington lies in determining the location of fishing: the U.S. West Coast, Canada, Alaska, or Puget Sound. A number of unpublished summary tables were made available to the author of the 2011 assessment by Washington Department of Fish and Wildlife (WDFW) scientists (G. Lippert and D. Bacon; personal communication). Data included time-series reported by gear type, catch location, and port of landing. Very little sablefish were historically caught in Puget Sound waters (unlike many of the flatfish). PacFIN catches were downloaded in February 2015 covering the period 1981-2014. Data from the WDFW fisheries statistics program, which includes sablefish landings from state waters, by gear type during the period 1970-1980, was used to inform catches back to 1970 (T. Tsou; personal communication). Summary tables, aggregate fish-ticket records, and season summaries were sufficient to reconstruct the landings and apportion out Canadian and Alaskan catches from 1926-1969, with a few gaps pieced in via the Pacific Coast Fisheries Bulletin, or the Washington Department of Fisheries annual reports. Low et al. (1976) was again used for the period 1915-1925. Prior to 1916 there were negligible trawl catches (pot gear being absent prior to 1970). Hook-and-line catches from 1900-1914 were interpolated from sparse records available in Sette and Fiedler (1928); however the largest landings in this period were estimated to be less than 400 mt.

There are ongoing efforts to key-punch a large quantity of Washington historical fish ticket data. These records will provide a trip-by-trip record of where fish were landed, species composition information for market categories, and a much more reliable reconstruction. This assessment update did not attempt to update the methods used for the previously outlined catch reconstructions.

2.3.2 Foreign catches

Foreign catches are included in the landings estimates for commercial fleets by state (Table 1), and were very large in the late 1970s. Reconstructions for foreign catches were performed in 2007, based on records in the HAL data base, and have remained unchanged since (Van Houten Lynde 1986).

2.3.3 Fishery catch-per-unit-effort

Trawl fishery logbook data, collected by CDFG, Oregon Department of Fish and Wildlife, and WDFW, date back to the 1970s. Records provide tow-by-tow information regarding groundfish species including sablefish. The 1997 sablefish assessment (Crone et al. 1997) considered the use of a time series of standardized catch per unit effort (CPUE) based on the GLM analyses described in Brodziak (1997), filtering the raw tow data for a deep-water catch strategy (DTS, or Dover, thornyheads, and sablefish; Brodziak 1997; Crone et al. 1997). Variable patterns were observed, and these were speculatively linked to management changes. Given the varied management history, inherent uncertainties associated with the use of fishery-dependent CPUE, and conflicting trends identified in earlier analyses, a commercial CPUE series has not been included in any recent sablefish stock assessment. The topic was not revisited for this assessment update.

Another potential source of fishery-dependent information is the bycatch of sablefish in the mid-water whiting fishery (Sampson et al. 1997). Anecdotal reports

indicate that bycatch includes many small fish in years of above average recruitment. During the 2011 assessment, a preliminary investigation revealed that the length-frequencies from this source did indeed show small fish associated with the 1999 and 2008 cohorts; however beyond general corroboration of modeled patterns it seemed unlikely that a reliable quantitative index of recruitment strength exists.

2.3.4 Fishery biological data

Methods for analyzing and weighting commercial biological data have been inconsistent across sablefish stock assessments. The recent effort to summarize biological sampling data from all U.S. West Coast states in a single independent database, Pacific Fisheries Information Networks (PacFIN) Biological Data System (BDS), has made the analysis more straightforward and consistent with analyses of other groundfish. The 2011 assessment greatly benefited from all states making a concerted effort to upload their data to PacFIN. The complicating factor for sablefish is that many landings are sorted into size-grades while at sea and therefore require information about the magnitude of catch within each size-grade to appropriately weight the biological information. Broadly, the weighting of commercial biological samples was conducted via the following method:

1. Expand the sample weight of lengths (or ages) from the state recorded subsample, consisting of one or more baskets of fish, to the estimated total catch in that market category (or trip for ungraded samples). This step accounts for differences in the fraction of each landing (or market category) that was actually sampled and is important during periods where there are some differences in the number of baskets or fish that comprise a 'sample'. When sample weights were unavailable gender specific length-weight relationships were used to approximate the weight of the sample or median weights from similar landings, in that order.
2. Sum the expanded values within gear and state combinations. Large landings account for more weight in the sum, better reflecting the total catch.
3. Normalize the compositions and then aggregate again across states based on the reconstructed landings in each state. This step ensures that if one state samples landings very heavily, but is responsible for only a small fraction of the total landings it will not be weighted too heavily (as would be the case for an unweighted analysis) in the final length- or age-compositions.

Age-compositions were calculated for each sex and all unsexed fish were equally assigned to males and females, consistent with the survey age-frequency distributions. If unsexed fish represented greater than 10% of a given age bin within a year they were removed from the analysis (Table 10). Conversely, length compositions were aggregated without regard to sex, as was done in the previous assessment, to limit the exclusion of data and allow for a longer time series of length data (back to 1978; Table 12) relative to the earliest data used in 2007 (from 1986). Most of the sablefish lengths were observed from whole fish, but some were extrapolated via a dorsal-to-fork length conversion applied by the individual states. Marginal age compositions were derived using the same weighting methods as the length- frequency distributions. Using marginal age compositions is one way to account for non-stationarity in age-at-length within a year, which is generally present in fishery data because the more protracted season than for the surveys and to speed the computation time of model runs. Year and fleet combinations with less than three tows were removed from the analysis. A summary of the number of trips contributing to the fishery biological data is provided in Table 12. Generally far more trips (and fish) have been sampled for length than for age, and the number of samples is relatively small when compared to the sampling of other groundfish

species.

Across time, aggregate length-frequency distributions for each fishery show differing distributions (Figure 37). The hook-and-line fishery captures the broadest size spectrum but also provides the worst fit to the data (Figure 37). The poor fit to the data may be in part because of the bimodal distribution present in many years (Figure 38). The pot fishery shows the largest average size of fish retained, with almost no small sablefish below roughly 45 cm during any part of the time- series (Figure 39). An apparent increase in the average size of fish caught by the pot fishery led to relatively poor fits to the data between the late 1990s and roughly 2010 (Figure 39). For the trawl fishery, the early years are quite variable due to small sample-sizes, but an increase in the average size of sablefish landed is visible between the early 1990s and the end of the 20th century (Figure 40). The trawl fishery appears to routinely land a much larger fraction of fish less than 40 cm, giving a very slight indication of the 1991, 1999, 2008, and 2013 cohorts as age 1 and age 2 fish.

The West Coast Groundfish Observer Program (WCGOP) provided information regarding length-frequency distributions of discarded sablefish from 2002-2014. These samples were analyzed using a weighting method consistent with that applied to port samples described above. In aggregate, these samples reflect the sorting out of smaller fish from the retained catch, with all gears discarding sablefish at age-1 and several observations of age-0 fish in the trawl and pot gears (Figure 41). Annual distributions from all three gear types are highly variable due to limited sample sizes and probably only informative about the general size ranges that are discarded (Figures 42, 43, and 44). It is important to note that all three gears do discard some sablefish 50-60+ cm in length. Since these fish are large enough to be valuable (and at least as large as the average retained sablefish) this implies that size-based sorting is not the only reason for discarding and that no age or size is likely to be completely retained under all conditions. With the implementation of the trawl catch share program discarding is now directly accounted for and more than likely different than years prior to 2011.

In aggregate, generally more females are observed in the fishery age compositions than males; however the male distributions contain relatively more of the oldest sablefish (Figure 45). The annual fishery age distributions provide a reasonably clear picture of several prominent cohorts identified in other data sets, despite the lack of very young fish. In particular, the strong 2008 cohort can be tracked fairly clearly in both the male and female hook-and-line age compositions starting in 2010 as two year olds (Figure 46). The pot fishery also shows this cohort as well as indication of a strong cohort beginning in the early 1990s (Figure 47). Age-composition data from the pot fishery is subject to more inter-annual variability, potentially attributable to spatial and depths changes in where the fishery was concentrated during different periods of time (anecdotally, the fishery operated in relatively deep water during the late 1980s when the oldest fish were observed). Because the trawl fishery tends to retain the smallest sablefish, tracking cohorts in the age data for the trawl fishery provides the clearest window on the above-average year-classes common to all series (Figure 48).

Also available from the WCGOP program were mean body weight observations from the discarded catch, 2002-2014. These were available for some hauls where length data were not collected. Hook-and-line annual values were the largest, followed by pot and trawl fisheries respectively (Figure 49).

2.3.5 Discard ratio estimates

The WCGOP provided data on the total discards by gear type (pot, hook-and-

line, or trawl), fishery (e.g., open access, limited entry), and state (WA, OR, and CA). These data were available for the period 2002-2013, and explicitly accounted for the introduction of the catch share program. Ratios for each strata (by gear type, state, and fishery) were computed as:

$$\rho_{s,y} = \frac{d_{s,y}}{r_{s,y}}$$

where $\rho_{s,y}$ is the estimated discard rate for stratum s in year y, $r_{s,y}$ is the weight of the sample retained for stratum s in year y, and $d_{s,y}$ is the weight of the sampled discards for stratum s in year y. To aggregate these ratios into the fleets modeled in this assessment (discard ratios by gear), each state, fishery, and gear combination was weighted by the total estimated retained catch using:

$$D_{s,y} = \rho_{s,y} C_{s,y}$$

where $C_{s,y}$ is the landed catch in stratum s in year y and $D_{s,y}$ is the total estimated discards for stratum s and year y. The total estimated discards and catch were then summed across strata to estimate an expanded discard rate by gear, accounting for catch and differences between states and fishery sectors:

$$\varphi_y = \frac{\sum_s D_{s,y}}{\sum_s C_{s,y} + \sum_s D_{s,y}}$$

where φ_y is the discare rate by year, calculated for each gear. These methods are different than the methods used by WCGOP to estimate total discards, but explicitly consider differences in catch by sector, state, and gear.

Uncertainty in these values was quantified via bootstrapping the individual observations and then aggregating to the total estimate, providing a distribution of the discard rate. Standard errors were then calculated from the resulting distribution. With the introduction of catch shares in 2011, it was necessary to combine the bootstrap samples from non-catch shares with the single observation from the catch-share fishery. Furthermore, because of the small sample sizes for the trawl fleet beginning in 2011, it was necessary to use a single standard error for all three years (2011-2013) for this stratum.

Additional years of data were available for the trawl fleet from two sources, the Pikitch study conducted from 1985-1987 (Pikitch et al. 1988) and the Enhanced Data Collection Program (EDCP; Sampson 2002) conducted from 1996-2000. Discard rates and their corresponding standard errors for 1986-1988 were taken directly from Pikitch (1988). Accidentally, information from the EDCP was left out of the base-case model and thus its inclusion was explored via sensitivity analyses (Figure 50). Including the single estimate of discards in 1997, along with its arbitrarily assigned standard error of 0.9 (three times the largest observed standard error in the data used from the 2011 assessment), did not change the model results, but the data point should be included in subsequent stock assessments.

Discard rates have ranged from 9-26% for the hook-and-line fishery over the period 1986-2013 (Figure 51). Whereas, for the pot fishery, discards have ranged between 11-39%. The early estimates of discard rates for the trawl fishery from the 1980s averaged 36.3%. More recent trawl estimates have ranged from 5.5% in 2008 to 59.0% in 2002. After the implementation of the catch share program in 2011, discard rate estimates for the trawl fleet have dropped as low as 0.5% in 2012, with the highest observed rate of 1.1% in 2013.

2.3.6 Discard mortality estimates

Discard mortality rates have been the subject of numerous research studies. Currently it is understood that sablefish, lacking a swim-bladder (and therefore the propensity for severe barotrauma), have a good chance of survival after capture, depending on the specific conditions that they experience during the process. Generally, warmer water results in higher mortality, as the physiological stress of transitioning from very cold bottom temperatures to warmer surface water and air temperatures can be great (Davis et al. 2001). Further, some gears, such as pot and hook-and-line are less physically damaging to sablefish than, for example, spending an extended period in a trawl cod-end with a large catch volume. Treatment and handling of captured fish, including time-on-deck are also likely to be important for subsequent survival.

Analysis of discard mortality is hampered by the lack of available temperature information. Substantial efforts as part of the 2005 assessment resulted in a detailed model-based approach that used seasonal average water temperatures to predict variable annual discard mortality rates over the historical time-series, corrected for estimated differences among gear types (Schirripa and Colbert 2005). Ultimately the approach was too complex to be supported by the available observed data, with which to assign temperature, and other individual fishing trip variables.

This topic was not investigated further; however in 2011, discard mortality estimates were corrected to be consistent with those used by the PFMCs Groundfish Management Team (GMT) in predicting in-season total mortality and for NOAAs annual calculation of total mortality for comparison with harvest regulations. These values are: 20% discard mortality for sablefish captured with hook-and-line and pot gear and 50% discard mortality for sablefish captured with trawls. An exception to this is age-0 fish for which discard mortality is assumed to be 100%.

3 Assessment framework

3.1 History of modeling approaches

3.1.1 Previous assessments

Stock assessments of sablefish began in 1984 and have been conducted frequently since then (Francis 1984, 1985, McDevitt 1987, Methot and Hightower 1988, 1989, 1990, Methot 1992, 1994, Crone et al. 1997, Schirripa and Methot 2001, Schirripa 2002, Schirripa and Colbert 2005, Schirripa 2007, Stewart et al. 2011). The first assessment examined CPUE data, generated by the NMFS pot survey, from 1979 to 1983 (Francis 1984). Subsequent stock assessments utilized age-structured frameworks, though of various complexity.

The 1985 assessment utilized an age-structured simulation model, estimating *M,* average weight-at-age, recruitment, and relative age-specific catchability, to examine maximum sustainable yield (*MSY*). The model relied on survey data, trawl and pot surveys, and parameter estimates generated from independent research. The 1987 sablefish assessment extended the existing survey time-series and primarily consisted of a modified yield-per-recruit focusing on the minimum size limit (22 in) that had been in place since 1983.

In 1988 (Methot and Hightower), implemented the first separable catch-at-age analysis using an early version of the Stock Synthesis (SS) modeling framework, the framework which forms the basis for all subsequent assessments. The 1988 model included two fleets, trawl and fixed gear, and two years of fishery biological data. Trawl and pot

surveys provided indices of abundance, and estimates of exploitation rate were based on tag recapture information generated from a tagging study that began in 1971. The 1989 sablefish stock assessment followed a similar approach (Methot and Hightower 1989); revisions in the age determination criteria for sablefish caused an increase in the observed proportion of old fish and a decrease in the estimate of *M* from 0.15 to 0.09. The 1990 sablefish assessment (Methot and Hightower 1990) explicitly modeled stock structure with a northern population (U.S. Vancouver and Columbia INPFC areas) and a southern population (Eureka, Monterey, and Conception INPFC areas). Including spatial structure was motivated by differences in growth rates, the perception of low migration rates, and to facilitate comparisons between and amongst areas with signals in the raw data.

In 1992, the assessment reverted to a single stock area that excluded the Conception INPFC area (Methot 1992). The assessment utilized slope trawl survey data explicitly, extrapolating the estimates to the entire assessment area (Monterey through U.S. Vancouver INPFC areas). The assessment focused on exploring the trade-off in fitting the slope trawl survey biomass and the trend from the pot survey. Analysis of depth stratified age- and length-composition data suggested that the movement of sablefish into deep water was more closely related to their age than size. The 1994 sablefish assessment was similar to the 1992 analysis. The slope trawl survey was used as an absolute measure of biomass after extrapolation to the coast-wide level. The 1997 assessment added CPUE data along with existing survey indices. No single model was found that fit all indices well. The 1998 assessment focused on the inclusion and exclusion of the pot survey index and the use of commercial logbook CPUE.

The 2001 assessment (Schirripa and Methot 2001) focused on evaluating the sensitivity of the results to treatment of the survey data and trade-offs among pot survey and logbook indices of abundance. This assessment was the first to introduce the possibility that sablefish recruitment may be linked to environmental factors. The 2002 assessment (Schirripa 2002) was an update to the 2001 analysis, and therefore focused mainly on newly available data from existing sources. It was the first assessment to detect the relatively strong incoming cohorts from 1999 and 2000 present in the 2001 data, following ten years of below average recruitment. A significant relationship between recruitment and sea surface height was identified.

In 2005 several important changes were made to the sablefish assessment (Schirripa and Colbert 2005). Landings (and the modeled time-period) were extended back to the year 1900. Separate selectivity curves were implemented for the trawl surveys and years with limited geographic coverage in the slope surveys were eliminated. Discard data from the relatively new observer program were included and discard mortality was investigated. Sea surface height was used as an explicit offset to expected recruitment.

The 2007 assessment extended the available data time-series and adjusted the treatment of the environmental index of recruitment to be an index, and therefore subject to observation error, rather than an offset to recruitment (Schirripa 2007). The assessment made the explicit assumption that catchability for the NWFSC trawl survey (which was, at the time modeled from 1998-2006 by separating the shelf depths) was equal to 0.56. Uncertainty was investigated and reported primarily through alternate values for catchability. The 2011 stock assessment put in a considerable amount of effort to reduce the number of parameters used to model fishery dynamics (Stewart et al. 2011). Historical management actions were condensed to those that had a strong influence on fishery behavior (sorting and retention, selectivity, or both) and previously fixed leading parameters, *M* and trawl survey catchability, were estimated. Changes lead to a much

more realistic perception of the uncertainty around stock size estimates. Simulation testing indicated a low level of confidence in the observed level of correlation between SSH and recruitment, which led to its removal as index of recruitment. Furthermore, model complexity, particularly with regard to the estimation of a large number of deviations about annual growth and annual selectivity curves, was substantially reduced, with the net effect that uncertainty was increased. The sensitivity of model results to leading parameters and steepness (*h*) (estimated prior to 2011) was investigated via likelihood profiles.

In summary assessments have largely drawn the same conclusions regarding historical trends: that the sablefish resource declined rapidly due to low recruitment and high fishing intensity during 1970s and 1980s (Figure 52). There is a considerable amount of retrospective uncertainty regarding the absolute scale of the sablefish population, with each subsequent assessment tending to be slightly more optimistic than the preceding assessment.

3.1.2 Response to STAR Panel recommendations in 2011

The 2011 STAR panel report identified a number of recommendations for future assessments. Although all these recommendations could not be addressed here, progress on each is summarized below:

1. Complete and review the Washington catch reconstruction and review the California and Oregon catch reconstructions. The accuracy and wide availability of consistent basic information is essential to the development of Pacific coast assessments. In addition to the raw data, the reliability and availability of more spatially dis-aggregated forms of the data should be investigated to determine if they could be used to develop more spatially or temporally explicit models without causing sacrifices in accuracy.

Work within the PFMC is ongoing, but new information was unavailable, with regard to historical catch reconstruction. Specifically, WDFW has contracted Dr. Ray Conser to perform a historical reconstruction for Washington. Thus, catches from historical catch reconstructions are the same as was used in the 2011 assessment.

2. Include in future versions of SS the capability to explore alternative error distribution assumptions for compositional data. Currently the multinomial distribution is the only type of error distribution available in SS for length or age information. It appears that this may have some impact with respect to underestimating strong year-classes. It would be helpful to be able to explore alternative error assumptions in order to analyze composition information, in particular where the effective sample size estimates (which control the variance in the composition data) may be related to perceived stock abundance.

It is well known that the multinomial likelihood does not account for over-dispersion nor allow for correlation among adjacent categories. Work is being conducted by Dave Fournier, James Ianelli, and Steve Martel to include an alternative to the multinomial in ADMB. When the alternative will be available in SS is unknown. Thus, for this assessment update, no work was performed with respect to investigating a more appropriate error structure for composition data.

3. Develop guidelines for use of the Lorenzen model for age-dependent *M*. The panel investigated the use of age dependent M in both the Dover sole and sablefish assessments. In each case one of the reasons for exploring different mortality schedules was the potential imbalance between the genders in the age- and length composition information, either in the sex ratio at older ages (Dover sole) or in

the ratio of young to old fish (sablefish). The use of the Lorenzen M model, which is based on a decline in M with age by the inverse of the growth rate, implies a link with size-based predation. However, with likely wider use of this model feature there should be development of some guidance on the appropriateness of the implementation in other stock assessments.

It is unclear how to scale the Lorenzen curve for a given species. In practice, data are often too noisy or the contrast in *F* is too little to precisely estimate age-specific *M*. Before age-specific *M* is investigated within this stock assessment, a significant effort should be put forward using simulation to properly characterize best practices on how to implement a Lorenzen curve within SS.

4. Conduct new studies of maturity by length and age based on more comprehensive coastwide and depth- based sampling and using histological techniques for determining maturity stage. Given that there is uncertainty regarding the temporal stability of maturity schedules, there should be periodic monitoring to explore changes in maturity.

A recent study by Head et al. (2014) provided new estimates of critical life-history parameters for sablefish based on data specific to the U.S. West Coast. Specifically, length- and age-at-maturity was investigated, based on records from 477 female sablefish collected along the U.S. West Coast. Age at 50% maturity decreased going south to north and perhaps more importantly was estimated at a value smaller than what was previously included in sensitivity analyses for maturity. Furthermore, the estimated slope of the maturity curve (-0.44) was less than any previously reported value. Estimates were investigated using sensitivity analyses.

5. Modify the SS code to allow changes to the plus-group age. The Panel found it very helpful to be able to modify the plus-group in the age-composition data to investigate the influence of old versus young age composition data. This feature could also be used to explore the influence of aging errors. The current version of SS requires restructuring of the input data if the plus-group is changed.

It was outside of the scope of this analysis to modify SS.

6. Further investigate potential inaccuracy in using maximum likelihood estimates and the normal distribution to approximate confidence limits for estimates of spawning biomass. The current assessments measures of uncertainty in spawning biomass are based on the assumption that the errors can be adequately approximated by normal distributions. The current model for sablefish is sufficiently simple that it may be feasible to conduct a full Bayesian analysis of uncertainty. There is concern that asymmetries in the error distributions, which the normal distribution cannot account for, may be creating a biased view of stock status.

Although SS can operate using Monte Carlo Markov Chain methods, this was not done here. Instead, methods followed previous assessments and a sequence of SS runs were performed across a range of fixed values for several of the leading fixed parameters.

7. Conduct new studies on maturity and age-reading error. A major uncertainty in the sablefish assessment relates to the maturity schedule and in age determination. Better maturity and age-at-length data could reduce uncertainty and help resolve issues of cohort size.

Major efforts were put in place to age backlogged samples, but no additional studies were performed with respect to age-reading error. Maturity schedules were investigated using sensitivity analyses.

3.2 Model description

3.2.1 Link from the 2011 to the 2015 assessment model

This stock assessment is an update of the 2011 sablefish assessment and therefore heavily relies on the previous framework, using the same data streams and general data analysis methods, structural choices, and assumptions as the 2011 assessment (Table 13). The following list (in general order of magnitude of influence on model results) documents the most important changes and a brief rationale for each (Figures 53, 55, 56, and 54):

1. Data weighting: Iteratively re-weight the data to develop consistency between the input composition sizes and the effective sample sizes based on model fits (Figure 55). The basic approach mimicked what was done for the previous assessment. **Rationale**: A single iteration was used to re-weight all compositional data, which consisted of (a) comparing the mean input sample size of length- and age-composition data with the mean effective sample size based on model fit and using a multiplicative scalar to tune the input sample sizes to approximately one, (b) summing estimates of added variance for each fleet to the input added variance corresponding to mean body weight, and (c) removing added variance for fleets with an estimated added variance of less than zero. The added standard deviation for the NWFSC Shelf-Slope survey was estimated below zero. Typically, if the estimates are negative the added variance parameter is removed, as was done here. Whereas, in 2011 the added variance was positive, though small. Additionally, the added variance for mean body weight from the trawl survey was estimated significantly smaller than the input value and was set to zero.
2. σ_R: Implement an iterative procedure to ensure the input recruitment variability (σ_R) and the empirical recruitment variance are self-consistent, as well as update the relative bias correction over the modeled time-period. **Rationale**: Recent simulation work shows that utilizing the bias adjustment routine within SS facilitates mean unbiased estimated log-normally distributed recruitments, which leads to mean unbiased biomass and parameter estimates (Methot and Taylor 2011). Data on recruitment variability from 2011 to 2014 was included in the bias adjustment calculation, extending the years included in the bias adjustment and changing the maximum bias adjustment parameter, though it did not change appreciably (Figure 55). Subsequent to updating the recruitment information, the root mean square error (RMSE) of recruitment deviations was less than the input σ_R, thus the input value was decreased to better match the RMSE. The previous assessment set the input σ_R higher than the RMSE, and investigated a range of values using sensitivity analyses, though it remains unclear how the value used in the base-case model was determined.
3. Fishery-dependent composition data: Added data from 2011-2014 and utilized standardized code to generate fishery length- and age-compositions. **Rationale**: Newly available data from the fishery (2011-2014 and previously un-aged historical samples) were included in the fishery length- and age-compositions. Additionally, compositions were generated using standardized NWFSC code (Andi Stephens, personal communication). The standardized code was thought to use the same general method as Stewart et al. (2011), while being more consistent across fleets, particularly with respect to generating the expansion factor. For instance, expansion factors were generated utilizing fish with lengths (for length-compositions) or fish with age (for age-compositions) rather than both, whereas in the previous assessment it was inconsistent. Additionally, a sex-specific weight-length

relationship was used to generate the expansion factor for sexed-fish rather than utilizing a single relationship. Unfortunately the weight-length relationship was wrongly specified in the standardized NWFSC code, utilizing the wrong measurement units for length and weight (Table 13; Figure 57) In the previous assessment unsexed fish were removed from the age-composition information, whereas for this assessment if less than 10% of the year-specific age bin the samples were assigned using a 50:50 ratio to males and females. This assessment update used the number of tows as an input sample size, which is the same method as the previous assessment, although the text referenced number of trips, which was inconsistent with the data files.

4. Revise the delta-GLMM to create the NWFSC Shelf-Slope survey index of abundance, which previously included vessel-specific differences in catchability and utilized a gamma error structure. Additionally, the input data was updated to include the newest data (2011-2014) (Figure 56). **Rationale**: The updated delta-GLMM can accommodate interactions between fixed and random effects, is consistent with other groundfish stock assessments, and was reviewed and endorsed by the PFMC's SSC. A vessel:year interaction was included because vessels are selected from an open-bid sampling contract and are thus inconsistent across years (Helser et al. 2004). Furthermore, vessels may change characteristics over time that lead to temporal changes in catchability, which could not be accounted for with the previous framework. Furthermore, spatial and spatiotemporal variation can be accommodated with correlations between strata and time. Including a spatial component is ideal as sablefish are caught throughout the depth and geographic range of the survey and calculation of the relative biomass in the southern area is of particular interest to management. Five delta-GLMM models were compared and the model with the structure most similar to that used in 2011 (Model 3) was used for this assessment, even though Model 5 had a slightly better fit (Figure 13).
5. Included the latest biological data from the survey and use standardized code to generate compositional data. **Rationale**: Newly available data from the NWFSC Shelf-Slope survey (2011-2014 and previously un-aged historical samples) were included in the survey length- and age-compositions. Additionally, compositions were generated using standardized code (www.github.com/nwfsc-assess/nwfscSurvey), developed by NWFSC and intended to increase the reproducibility of composition data and standardize methods across assessments.
6. Assign unsexed survey samples to males and females using a 50:50 sex ratio. **Rationale**: Unsexed samples must be either portioned to males or females or removed from the analysis, as all survey compositional data are sex-specific. Stewart et al. (2011) assigned all samples less than 30 cm to males and females using the empirically observed sex-ratio and all samples greater than or equal to 30 cm to males and females using a 50:50 ratio, but failed to document the methods. Subsequently, this assessment used a 50:50 ratio for all lengths. Sensitivity to this assumption was tested using a range of lengths for which above a 50:50 ratio is used and below an empirical sex-ratio is used. The choice of length had no influence on model results (Figure 58), but future assessments should use a biologically informed value rather than assigning all samples to males and females using a 50:50 ratio.
7. Trawl retention: Implemented a time block for the retention of older, large fish for the trawl fishery to match the implementation of the catch share program. **Rationale**: Discarding is prohibited within the catch share program, thus the retention parameter

for the trawl fishery was updated accordingly (Figure 54). Model results were comparable despite the addition of the (full) retention parameter for the trawl fishery (Figure 59).

8. Use survey data to update the W-L relationship. **Rationale**: The weight-length relationship was determined externally, using survey data. The previous assessment used both fishery and survey information to calculate the weight-length relationship. Using just survey data rather than both survey and fishery data was done to minimize the effect of selectivity inherent in fishery-dependent data. The change in parameter estimates proved trivially small.
9. Upgrade to the newest version of SS (3.24u, released 29 August, 2014). **Rationale**: It is standard practice to utilize the newest version of SS, capitalizing on newly developed features, corrections to older versions, and increases in computational efficiency. Model results were nearly identical between versions (Table 14; Figure 53). Within the newer version, composition data that are included in the model but not included in the objective function must be entered with a negative fleet rather than bin as was done previously. Additionally, to match the structure of the older version of SS, the ballpark year for estimating *F* needed to be turned off. Previous versions of SS automatically turned the ballpark year off in later phases, while the newest version does not.
10. Fishery-independent composition sex-ratio: Assign unsexed fish to males and females using a 50:50 sex ratio. **Rationale**: Previously all survey composition samples less than 30 cm in length were assigned to males and females using a 50:50 ratio and all samples greater than 30 cm in length were assigned to males and females using the observed sex ratio. No samples greater than 71 cm were observed in the fishery-independent composition samples from the NWFSC Shelf-Slope bottom trawl survey. For this assessment update, all unsexed fish were assigned to males and females using a 50:50 ratio. The choice of maximum length for which to use a 50:50 ratio is somewhat arbitrary and no rationale was provided for the previously used value of 30 cm. The choice to use 71 cm rather than 30 cm was explored via sensitivity analyses. All lengths between 30 and 80 had virtually no effect on the model results (Figures 54 and 60). Additionally, sex-specific rather than un-sexed were specified for the survey marginal age-compositions. Fits to these data are provided for evaluation only (mentioned here for completeness), but not included in the objective function.

Despite the changes made to data sources and model configuration, the results of this assessment are generally consistent with those from previous analyses in terms of the general trend over the last several decades. The biggest difference is the absolute scale of the total stock abundance, along with the estimates of some recruitments.

3.2.2 Summary of fleets

Fishery removals were divided among three fleets, identical to those used in 2011: 1) pot, 2) hook-and- line, and 3) trawl. Selectivity and retention schedules are treated separately for each fleet. Furthermore, each trawl survey is treated as a separate fleet with independently estimated selectivity and catchability parameters reflecting differences in depth and latitudinal coverage, design, methods, and equipment.

3.2.3 Priors

Uniform (noninformative) priors were applied to all estimated parameters in the base-case model with the following exceptions: (a) male and female *M* and (b) *h*. Parameter bounds were selected to be sufficiently wide to avoid truncating the search procedure

during maximum likelihood estimation (Table 15).

An (infinitely) informative prior (fixed at 0.6) for stock-recruitment h is used for the base-case model. This assessment, like many, has had trouble with unreasonably low h estimates in previous iterations, likely due to the one-way trip nature of the time-series and the high degree of confounding between population scale (via equilibrium recruitment), M, and h. Further, much of the perceived information about h was likely derived from the rigid assumption of production-model dynamics (no historical recruitment deviations) in models previous to 2011. Estimation in the 2011 assessment led to unreasonably low estimates (at or near 0.20). Values in the range of 0.2 are considered to be ecologically implausible (He et al. 2006). The use of a fixed value grossly underestimates the uncertainty in MSY and equilibrium yield, however, since both and F and SB_{proxy} are used for management the importance of this is somewhat reduced.

3.2.4 Sample weighting

Sample weighting attempted to achieve consistency between the degree of uncertainty in each data set and the models ability to fit those data. Variances and sample sizes were first derived from the raw data sources and then iteratively re-weighted to ensure consistency between the input sample sizes (or standard errors) and the effective sample sizes (RMSE) based on model fit. This approach attempts to reduce the potential for particular data sources to have a disproportionate effect on total model fit, while creating estimates of uncertainty that are commensurate with the uncertainty inherent in the data. Iterative re-weighting was applied to the length and age compositions, starting from a conservative metric of sample size (number of tows sampled), and then multiplying the year-specific input sample sizes by a single constant for each data set that made the mean input sample size for compositional data roughly equal to the harmonic mean effective sample size based on model fit. Variance estimates for discard ratio data were estimated via an additive component to the input standard error in log-space. This achieves the same result as iterative re-weighting and has the additional benefit of propagating uncertainty into the model results. Added variances for mean body weight were set using the estimated additional variance derived from SS. Variance estimates from design- or GLMM-based survey index analyses can be reasonably considered minimum estimates at best, thus an additive constant was freely estimated for each survey. Estimating additional variance components speeds the process of iterative re-weighting among data sources and propagates the uncertainty about the true survey index variance into the model results. Choices reflect the post-hoc nature of model tuning and generally avoid the potential for increasing weight on those data sources that are consistent with model predictions, thereby reducing the perceived uncertainty in model results.

3.2.5 Recruitment variation

Data on σ_R will never be perfectly precise, even in years with plenty of data. Therefore, the estimation of recruitment deviations will always exhibit a compromise between fitting information contained in the data and the central tendency to pull estimates of log(recruitment) deviations towards zero. Simulation results show that utilizing a bias adjustment procedure can improve estimates of σ_R (Methot and Taylor 2011). Here, first the bias adjustment procedure within SS was updated to include the most recent data and then RMSE of recruitment deviations was used to inform the σ_R, making the model internally consistent.

3.2.6 General model specifications

SS has a broad suite of structural options available for each application. There are no

true default settings for most of these options; each application must be customized to best represent the life-history, dynamics, data-complexity, and estimation approach (Bayesian or maximum likelihood) most appropriate. This assessment is structured to be sex-specific, including separate growth curves for males and females, but only tracks the spawning biomass of females for calculating management quantities (Table 15). Growth parameters describing the von Bertalanffy growth equation, as well as the spread of lengths for a given age, were estimated for each sex, except length and spread of length at age-1 was forced to be identical for males and females. The parameterization used by SS allows the user to specify the age for the two growth parameters (rather than the length at age zero and the implied length at infinite age). Ages 0.5 and 30 were selected to be close to the range of observed data. The choice of age has little effect on estimated growth curves (Stewart et al. 2011). Sex-specific *M* was estimated, with the informative priors, based on the a priori evidence that it might differ for males and females.

For the internal population dynamics, ages 0-50 are individually tracked, with the accumulator age of 50 specifying the plus-group. This is a relatively large age, but was necessary to ensure that little growth would be predicted to occur (but not be modeled) at and beyond this age, because SS does not allow growth to continue in the plus-group.

Recruitment dynamics are governed by a Beverton-Holt stock-recruit function. This relationship is parameterized to include two estimated quantities: the log of unexploited equilibrium recruitment (R_0) and h. A full time-series of recruitment deviations, including the initial age-structure in 1900 are estimated to adequately propagate uncertainty in the historical period and avoid imparting the perception of information through 'overly rigid' conditions prior to the most recent and informed time-period.

The model includes a single season to structure removals and biological predictions, thus data collection is assumed to be relatively continuous throughout the year. Fishery removals occur instantaneously at the mid-point of each year and recruitment on the 1st of January. The sex-ratio at birth is fixed at 1:1, although sex-specific *M* and selectivity can result in significant departure from equality due to differential *M* over age and sex.

3.2.7 Estimated and fixed parameters

Selectivity curves for the fishing fleets were age-based, using a cubic spline over age with an offset for male vs. female selectivity (Table 15). This choice, made in 2011, was motivated by the desire to substantially reduce model complexity, where previous models used both age- and length-based selectivity schedules to capture the relatively complex interactions created by the combination of dimorphic growth and age-based ontogenetic movement out of heavily fished areas. Further complicating any a priori expectation of a more parametric shape to selectivity curves is the fact that each modeled fleet represents the amalgamation of several distinct fisheries operating at different depths and in different areas, quite plausibly resulting in realized selectivity curves that are multi-modal. Briefly, the cubic spline function requires specification of n nodes spread over the ages captured by each fishery. Starting and ending gradients are estimated, along with a selectivity value at each node, using a smoothing function to connect the nodes. The smoothing function dramatically reduces the influence of exactly where each node is located (these are parameters but cannot be reliably estimated). In 2011, an iterative approach was taken to node choice, adding, removing, and moving selectivity nodes, until the derived selectivity schedule became largely stationary, and the parameter correlations were generally not greater than 80%. The choice of nodes was investigated for this assessment but results were similar to the 2011 base-case model and thus the same nodes were used. A simple two-parameter offset for male selectivity relative to female

selectivity was also estimated for each fishery. This approach included one estimated parameter describing the relative selectivity for males near the peak of the selectivity curve and another parameter for the offset at the maximum age. This allows for differences in both overall scale across ages and in the relative selectivity of older fish between sexes.

Time blocks for fishery selectivity and retention schedules were based on previous research with respect influential management 'milestones' and the recent introduction of catch shares within the trawl fishery. 'Milestones' include: (a) full retention of age-1+ sablefish during WWII; introduction of trip-limit induced discarding (not just size-sorting) for the trawl fleet in 1982 and for fixed-gear fleets in 1997; (b) a change in selectivity in 2003 resulting from large scale movements of all fleets in response to large spatial closures (Rockfish Conservation Areas; RCAs), and (c) full retention of older, marketable sablefish within the trawl fishery with the implementation of the catch share program. To allow each fisheries selectivity to shift in 2003, the two parameters at nodes near the peak of each selectivity curve were estimated independently for each time period. Fishery retention schedules were estimated via a logistic curve defined by an inflection, slope, and asymptote. To accommodate the temporal changes in retention identified above, the asymptote, parameters were fixed to be equal to 1.0 prior to 1982 and after 2010 for the trawl fishery and prior to 1997 for the fixed-gear fisheries. The inflection parameter was fixed at 25 cm for all fleets during WWII, implying retention of all fish greater than age-0.

For discarded fish, mortality was assumed to be 100% for age-0 (less than 28 cm) sablefish and decline rapidly to 20% for the hook-and-line and pot fisheries and 50% for the trawl fishery (for 29 cm and above, while splitting the difference at 28 cm). Which is consistent with the values used by the PFMC for management purposes.

Survey selectivity utilized a double normal parameterization, which allows for an initial selectivity at age-0, an ascending slope, a peak and width of the peak, a descending slope, and selectivity at the oldest age. The double normal allows for dome-shaped selectivity, accommodating the knowledge that the surveys do not extend into the deepest water inhabited by sablefish (nor do the fisheries for that matter).

As expected, surveys covering the shelf depths captured a large fraction of age-0 and age-1 sablefish, and most of the catch was comprised of sablefish less than 10 years old, with relatively low selectivity for older individuals. For surveys covering shelf depths (NWFSC Shelf-Slope and AFSC Triennial shelf) selectivity peaked at very young ages (~1.5 years), thus it was redundant to estimate the ascending width parameters in addition to the initial selectivity values; these were therefore fixed at reasonable values. Dome-shaped curves made estimation of the width parameters also redundant (estimates always returned to the lower bound (Stewart et al. 2011)).

In total for the base-case model there were 12 growth, *M* and stock-recruitment parameters; 6 catchability and survey variance parameters (and 3 analytic solutions which could have been treated as estimated parameters); and 48 estimated parameters describing selectivity and retention schedules.

3.3 Model selection and evaluation

3.3.1 Key assumptions and structural choices

This update assessment used the structure chosen during the 2011 full assessment. All structural choices for stock assessment models are likely to be important under some circumstances. Therefore, these choices are generally made to 1) be as objective as possible, and 2) follow generally accepted methods of approaching similar models and data. The most important source of structural uncertainty in this assessment is the fixed value used

for h and its importance is investigated via sensitivity analysis.

The use of a time- and age-invariant (but sex-specific) M is also a very important assumption. In reality, M is likely to be time-varying (and possibly spatially-varying), where predation or environmental factors have directional instead of random effects on survival during the modeled period. However this degree of complexity is beyond the information content of the available data. Growth is also assumed to be time- and space-invariant, which produces some residual patterns in the length data, reflecting slightly different growth trajectories among some cohorts. Sablefish in U.S. waters do not exist independently of the portion of the total population occurring in British Columbian and Alaskan waters to the north. The degree to which recruitment linkages and adult movement may be contributing to the observed dynamics of the U.S. West Coast stock is unknown. Potential shifts in spatial distribution in response to changes in density outside our waters or climate change could substantially reduce our ability to model and predict current and future trends.

4 Assessment results

4.1 Convergence status

To test for convergence prior to the PFMC review, 100 trials were performed using a jitter value of 0.1 for the base-case model. Each iteration perturbs the initial values used for minimization with the intention of causing the search to traverse a broader region of the likelihood surface (Methot 2009). All of the 'jitter' trials returned the exact same objective function value as the base-case model. The estimates of unexploited spawning biomass, initial spawning biomass, and estimated catch at F_{msy} (mt) were negligible between iterations (Table 16). These small difference reflect reliable convergence on a very flat likelihood surface, but cannot prove convergence of the model. In contrast, when M was estimated in a later phase (i.e., phase 8 instead of phase 3) jittering resulted in multiple solutions and differing model results, in terms of scale, thus the base-case model was changed to estimate M in this earlier phase.

4.2 Base-Case model results

The biological (growth and M) parameters estimated from the base-case and alternate models appear to be reasonable, relatively precise and very consistent with those from previous sablefish stock assessments and commensurate with inspection of the raw data (Table 19). Female and male sablefish showed similar rapid growth trajectories; with females growing to a slightly larger size at age 30 (64.227 cm) than males (56.274 cm) and showing a broader distribution of length at a given age (Figure 61). M for females (0.076) and males (0.062) were very close to values used in previous assessments (0.08 and 0.065 respectively) (Figure 7).

Estimated selectivity curves for the trawl surveys were broadly similar, with the NWFSC Shelf-Slope survey sampling the broadest demographic portion of the sablefish population, and the AFSC shelf survey the most limited (Table 20; Figure 62). The hook-and-line fishery showed a bimodal selectivity curve in the early years, somewhat reduced after 2003; males were roughly half as selected as females and individuals beyond age 10 were much less available to the fishery on a relative basis (Figure 63). The pot fishery showed a similar pattern, minus the bi-modal distribution for female selectivity and with a shift to slightly older fish in 2003 (Figure 63). The trawl fishery was estimated to select younger fish than the other fisheries, and showed much less difference between males and females (Figure 63). Retention schedules (Table 20)

showed rapidly increasing retention of age-1 fish for the hook-and-line fishery and a maximum of 86% retention of the largest individuals (Figure 64). The pot fishery estimates suggested far more sorting of small sablefish and full retention of the largest individuals (100%, Figure 65). Full retention of the largest individuals is assumed since 2011 for the trawl fishery (Figure 66).

The base-case model fit the trend (decline then stabilization) in the NWFSC Shelf-Slope survey extremely well (Figure 67), such that the added variance parameter was set to zero. Fit to the NWFSC slope and AFSC slope surveys was generally flat (Figures 68 and 69), as might be expected for such short time-series. Estimates of added variance were relatively low (Table 20). With the offset estimate for the AFSC Triennial shelf survey beginning in 1995, predicted survey values are also relatively flat over this period (Figure 70), although the estimated extra variance of suggests a relatively poor fit to these data compared to other surveys. Catchability values for the most fully selected ages (~1.5-4 years old) in each survey ranged from 0.319 (early AFSC Triennial shelf survey) to 0.854 (NWFSC Shelf-Slope).

The base-case model fit the aggregate length distributions from trawl surveys reasonably well (Figure 71). The best fits were to the NWFSC survey length-frequency data (Figure 72), with residual patterns (Figure 73) primarily generated through small mismatches in the model structure, likely due differences in growth, environmental conditions, or timing rather than misspecification of year-classes. The fit to the NWFSC slope survey did not capture the modes for female sablefish particularly well or the mode for males in 2001. Unsurprisingly, the survey failed to pick up the strong 1999 year class at age-0 (Figures 74 and 75). Fits to AFSC length data were also variable, but the strongest modes for age-0 and age-1 cohorts were captured as well as the mean of the distribution for both males and females (Figures 76 and 77). AFSC shelf survey length distributions tended to be variable (likely due to lower sampling intensity), but no obvious residual patterns appeared to be present (Figures 78 and 79).

Aggregate fits to the pot and trawl fishery length-frequency distributions, over all years, were very good for the retained catch (Figure 37), and fairly reasonable given noisy data for the discarded catch (Figure 41). The poorest fits were to the retained hook-and-line lengths, which is consistent with the previous assessment. Annual fits to the hook-and-line length data showed too few small fish predicted in the retained catch (Figures 38 and 80), particularly in the early years, perhaps because these fish were observed in the discarded catch (Figures 42 and 81). Fits to the retained lengths for the pot fishery showed some residual patterns through time (Figures 39 and 82). Anecdotally, these trends appear to correspond to shifts in the general depth distribution of most of the fishing activity. The biggest residuals in the discard lengths from the pot fishery are a number of age-0 fish from 2006-2007 (Figures 43 and 83). The residuals were present in the previous assessment and their source should probably be investigated in the future. With the exception of a few years with very low sample sizes, the fits to the trawl fishery retained-fish length data were very good (Figures 40 and 84). Fits to the discard lengths from the trawl fleet were quite noisy (Figures 44 and 85), though the general pattern appears to be represented.

No obvious patterns were observed in the fit to the NWFSC Shelf-Slope conditional age-at-length data, suggesting that the estimated growth curves represented the data quite well (Figure 21). Although not included in the objective function, the implied fit to the NWFSC marginal age distributions was also very good (Figure 86). The NWFSC slope survey also showed no glaring residual patterns in the age data (Figure 20). The AFSC slope

survey showed some large residual fits to the conditional age-at-length data in 1999 and 2000, more so than any other fleet. Additionally, output from the Francis re-weighting method indicated a poor fit to the 1998 data for this fleet. The selection of only the youngest sablefish (but including the full size range) was quite evident for the AFSC shelf survey (Figure 27).

Fits to the aggregate age-frequency distributions for the three fisheries were again best for the trawl fleet and poorest for the hook-and-line fleet (Figure 45). The model appears to not be fitting the youngest ages, particularly in 2008 (Figures 46 and 88). The fits to the age data for the pot fishery showed some lack of fit to large cohorts moving through the population in the 2000s, but only for females (Figures 47 and 89). For males, the model instead predicted fits to few older fish in the late 1980s (Figures 47 and 89). Fits to ages from the trawl fishery were much better than the other two fleets (Figures 48 and 90). Both the hook-and-line and pot fishery mean body weight in the discards were underestimated consistently; however the trawl observations fit much better (Figure 49).

Discard fractions for all three fleets were also fit very well, considering the retention schedules were time-invariant over the period for which data were available (Figure 51). Fits to discards from the trawl fishery were relatively the poorest.

Deviations about the estimated stock-recruitment function, as expected, had a very large amount of uncertainty prior to the mid-1970s, when the data first become informative about incoming cohort strengths. Therefore the relative bias adjustment was ramped to the maximum value 0.9253 during this period (Figure 91).

Sablefish recruitment is estimated to be quite variable with large amounts of uncertainty in individual recruitment events. Within this variability, the average recruitment is estimated to have declined steadily between the 1970s and 2007 (Figure 52). Recruitments during the 1970s were, on average, roughly six times that of the smaller cohorts between 2002 and 2005. It appears that large 1995, 1999, and 2000 year classes briefly slowed the rate of stock decline in the early 2000s and above-average cohorts from 2008, 2010, and 2013 are currently moving through the population. More specifically, the 2013 cohort appears to be the third largest recruitment event in the history of the fishery. However, only the 2008 cohort has begun to mature and thus their contribution to the trend in spawning biomass remains minimal. Given a relatively high degree of recruitment variability, the estimated stock-recruit function predicts a wide range of cohort sizes over the observed range of spawning biomass (Figure 92).

During the first half of the 20th century it is estimated that sablefish were exploited at relatively modest levels. With modest harvest rates continuing until the 1960s and above average, though highly uncertain, estimates of recruitment between 1960 and 1975 the spawning stock biomass rebounded to nearly unexploited levels in the late 1970s. Subsequently, between 1976 and 2001 estimates of biomass show a continuous decline, with large harvests during the late 1970s and lower than average recruitment throughout the 1980s and early- 1990s as hypothesized drivers of the decline. Despite harvest rates that were below overfishing rates from 1988 to 2008 (meaning below our current understanding of overfishing rates) and higher than average recruitments in 1995, 1999, and 2000, the spawning biomass increased only slightly during the early-2000s. Since 2005 the stock has continued to decline, in large part due to extremely poor recruitments from 2002 to 2007.

Although the relative trend in spawning biomass is quite robust to uncertainty in the leading model parameters, the productivity of the stock is highly uncertain due to confounding of natural mortality, absolute stock size, and productivity. The estimated

spawning biomass in 2015 is 52,001 mt, however, the ~95% interval ranges broadly from 25,698 to 78,303 mt, reflecting moderate information in the data about absolute stock size (Figure 95). The relative spawning biomass is currently estimated at 35% of unexploited levels (~95% interval: 22-48%). The estimated time-series of total, age-4+ (Figure 93) and spawning biomass (Figure 94) track one another very closely (Table 21). Forecasts from the 2011 assessment projected the spawning biomass to decrease by 6.4% from 2011 to 2015 given specified harvests, whereas the current assessment update estimated the decline was 9.8%. Furthermore, the current assessment update estimated unexploited spawning biomass 17% lower than what was estimated in 2011 and estimates depletion in 2015 higher than what was previously forecasted for 2015. The higher rate of decline appears to be because the current assessment update estimates the sum of the 2010 and 2011 recruitment events at 57% of what was estimated in the 2011 assessment.

4.3 Data weighting

Generally composition data were down-weighted in an intuitive fashion, given a reasonable degree of clustering in the underlying population, which can make individual tows not completely independent (Table 17). However, the exception seemed to be the AFSC slope survey age data, for which the weighting was substantially reduced, largely due to a few outlying observations. Additional variances were added to mean body weight data from the hook-and-line and pot fleets, whereas fits to the trawl fleet data were reasonable without additional variance (Table 18). Estimated variances for the surveys appeared to be within expected ranges, except for the NWFSC Shelf-Slope bottom trawl survey, for which the estimated added variance was negative. Instead of decreasing the variance the added variance parameter was fixed at zero.

4.4 Uncertainty and sensitivity analysis

The available data for sablefish are largely uninformative about the absolute size and productivity of the stock. This is largely due to the one-way-trip nature of the historical series: a slow and steady decline in spawning biomass consistent with a larger, less productive stock, a smaller more productive stock, or many combinations in between. Historical catches provide some information about the minimum stock size needed to have supported the observed time-series but little information about the upper bounds for the stock size. Likelihood profiles, parameter estimates, and general model behavior illustrate that small changes in many parameters can result in differing point estimates for management reference points, however the uncertainty about these estimates remains large unless leading model parameters, such as *M,* survey catchability, as well as historical recruitments, are fixed at arbitrarily selected values. This assessment includes the uncertainty for these unknown quantities, with the exception of *h*. This uncertainty will remain until a more informative time-series and better quality demographic and biological information are accumulated for the stock.

Uncertainty in the properties of current aging methods (both potential bias and imprecision), as well as relatively sparse fishery sampling, result in age data that are less reliable than would be preferred. Similarly, because sablefish grow very rapidly and reach near-asymptotic length in their first decade of life, length-frequency data are not particularly informative about historical patterns in recruitment. The patterns observed in historical sablefish recruitment suggest that stock trajectory (via shifts in recruitment strength) is closely linked to productivity regimes in the California current. Uncertainty in future environmental conditions, changes in the timing, dynamics, and productivity of the California current ecosystem, via climate change, or cycles similar to the historical period,

should be considered a significant source of uncertainty in all projections of stock status.

The ongoing NWFSC Shelf-Slope trawl survey is a relatively precise index over a broad demographic component of the sablefish stock (although not the entire stock, as some of it occurs in deep water and is therefore unobserved). This index has the potential to inform future stock assessments about the scale of the sablefish population relative to the catches being removed (assuming these are enumerated reasonably accurately), though such information will require contrast in the observed declining survey trend. Therefore, although there is the potential to considerably reduce the current uncertainty in sablefish stock size and dynamics, it will likely take several years of contrasting trend in the survey to do so.

4.4.1 Sensitivity analysis

Sensitivity analyses were chosen to provide more information about relatively obvious questions for any stock assessment such as sensitivity to priors, key structural choices, and potential conflict in signal among data sources. The results are by no means meant to be a comprehensive comparison of all possible aspects of model uncertainty, nor do they reflect even the full range of models considered in developing the base-case. The order in which they are presented is not intended to reflect their importance; each run included here provided important information for developing or evaluating the base-case model and alternate states of nature.

The recent publication of Head, et al. (2014) prompted a reevaluation of sensitivity to female $L_{50\%}$. This study estimated female $L_{50\%}$ at 54.64 cm. Head et al. (2014) also estimated the corresponding maturity slope parameter at -0.44, much lower than the previously reported value of -0.13 (Fujiwara and Hankin, 1988). Results show little difference in fit to the data for $L_{50\%}$ or slope. Length at 50% maturity showed an almost linear scaling effect on spawning biomass values (Figure 96). These results are consistent with the sensitivity analysis on maturity from 2011.

Unsexed survey length compositions were assigned to males and females using a 50:50 ratio, whereas the previous assessment used the empirical ratio for all unsexed fish less than 30 cm in length. Results for the base-case model are insensitive to the ratio used to assign sex to unsexed fish (Figure 58). Future assessments should establish a biological basis for this choice of maximum length below which sex is assigned using the empirical sex ratio and properly document the choice for future assessment authors.

The prior on M was not revisited from the previous assessment (Figure 7). Estimates from the base-case model are near the lower 25th percentile of the prior distribution for both species. Sensitivity to the removal of the prior on M revealed a stable model (100 jitter iterations resulted in the exact same objective function) with a similar trajectory of spawning stock biomass as when the prior used to inform the estimation procedure (Figure 97). Estimates of M were similar between jitter iterations (Table 22).

Based on the relatively small effect the use of the environmental covariate had on model results in the 2007 assessment it was not included in the base-case model for 2011 or 2015. The inclusion of the newly available zooplankton index or the sea-surface height index on the influence on stock trajectory (Table 23; Figure 98) and on the recruitment time-series itself (Figure 98) was relatively small.

In aggregate, these sensitivity analyses reflect the vast amount of uncertainty in absolute stock size in this sablefish assessment. Hopefully, they also provide a basis for future investigations as well as a method for prioritizing potential research studies.

4.4.2 Retrospective analysis

A 5-year retrospective analysis was conducted by running the base-case model using data only through 2009 ('5 year'), 2010, 2011, 2012, and 2013 (Figure 99). Little evidence of a retrospective pattern was present. Estimates of spawning biomass from the retrospective runs were slightly lower and less uncertain than estimates from the current assessment update, particularly for 1979 and adjacent years.

4.4.3 Likelihood profiles

Likelihood profiles are commonly used to elucidate conflicting information among various data sources, to determine how asymmetric the likelihood surfaces surrounding point estimates may be, and to provide an additional evaluation of how precisely parameters are being estimated. Likelihood profiles were completed for three key model parameters: female *M,* unexploited equilibrium recruitment (R_0), and *h*. For a single parameter (loosely interpreting an iteratively re-weighted stock assessment objective function in terms of true likelihood) an increase in negative log-likelihood of more than two units indicates a statistically significant degradation in fit.

Female *M* (males are highly correlated and so are not included in this discussion) was found to be poorly informed across a relatively wide range of values. Difference in total negative log likelihood was less than two across much of the explored range of values (0.0675-0.0925) for female sablefish *M* (Table 24; Figure 100). However, this is not a trivial parameter range, and the assessment results vary considerably among these values in absolute scale (Figures 101 and 102).

Like *M,* unexploited equilibrium recruitment (R_0) was also found to be insignificantly different over a broad range of stock sizes (Table 25; Figure 103). Although the estimated relative trend in spawning biomass is quite conserved over explored range (Figure 102), there is a very big implication for whether the current harvest levels are above or below management targets (Table 25) and the scale of the spawning stock biomass (Figure 104).

In the base-case model, *h* is constrained to 0.6 perhaps making it the important profile to evaluate, as its uncertainty is not explicitly included in the base-case results. In 2011, the maximum likelihood estimate for *h* was 0.2, which implies zero surplus production and therefore is biologically implausible. Over 0.3-0.9 there is no support in the observed data for one parameter value over another (Table 26; Figure 106), yet the estimated stock size over much of the time-series varies appreciably (Figure 107). The relative strengths of recent cohorts are not strongly influenced by the value for *h* (Figure 108), and the relative depletion level is actually quite robust as well (Figure 109). Uncertainty from *h* was well inside the global estimation uncertainty captured via the asymptotic intervals about the maximum likelihood estimates.

In aggregate, these profiles explain why the asymptotic uncertainty about historical and current stock size is so broad and underscore the poorly informative nature of the data and time-series available for this stock assessment.

5 Reference points

The coast-wide abundance of sablefish was estimated to have dropped below the $SB_{40\%}$ management target between 2009 and 2010 and is currently declining. Although the stock is below the target level of depletion (40%) it appears to be near the depletion level which would lead to maximum yield (Figures 110 and 111). The cause of this trend appears to be primarily due to relatively poor recruitments, as the fishing intensity remained below relative SPR target rates between 1988 and 2008 (Figure 112). Although the estimated productivity and absolute scale of the stock are very poorly

informed by the available data and are therefore highly sensitive to changes in model structure and treatment of data, all sensitivity or alternate models evaluated showed a current declining trend in biomass (Figure 113). Relative SPR exceeded $SPR_{45\%}$ in 2009-2011 and for 2013-2014 has been at about 85% of $SPR_{45\%}$.

Unfished female spawning biomass was estimated to be 150,622 mt (~95% interval: 114,728-186,516 mt). Therefore, the management target stock size ($SB_{40\%}$) is 60,249 mt and the overfished threshold ($SB_{25\%}$) is 37,656 mt. Total and age-4+ biomass at unexploited equilibrium were estimated to be 440,648 and 413,038 mt respectively. Steepness is not estimated in this assessment, thus uncertainty in reference point yields is grossly underestimated. Maximum sustainable yield (*MSY*), conditioned on current fishery selectivity and allocations, was estimated to occur at a spawning stock biomass of 44,090 (29% of unfished female spawning biomass), and produce a dead catch (excluding surviving discards) of 7,837 mt. However, dead catch at *MSY* varies almost linearly with steepness. *MSY* is estimated to be achieved at an SPR of 41%. This is very close to the yield, 7,476 mt, generated by the SPR (50%) that stabilizes the stock at the $SB_{40\%}$ target. The fishing mortality target/overfishing level ($SPR_{45\%}$) results in an intermediate equilibrium yield of 7,759 mt at a spawning biomass of 51,212 mt (34% of the unfished equilibrium).

6 Harvest projections and decision tables

Forecasts are based on the application of the $F45\%$ target fishing rate and the '40-10' harvest control rule. In addition, an 8.7% reduction was applied, representing the a P^* of 0.4 and the Category 1 uncertainty proxy (σ = 0.36) without any additional buffers for management uncertainty. These values reflect Pacific Fishery Management Council decisions made during the November 2011 meeting. Catch allocations used for the forecast reflects the average distribution of fishing intensity among fleets (hook-and- line, pot, and trawl) during 2012-2014 and it is assumed that discarding and retention behavior does not differ from recent years. Projections assume the ACLs of 6,512 and 7,121 mt are achieved exactly in 2015 and 2016 and that each subsequent ACL is also achieved throughout the period of the projections. Projections are intended to provide a yardstick with which to gauge the likely trajectory of the stock.

Current forecasts predict a slow increase in the spawning stock, with a relatively large probability that the stock will remain below the target spawning biomass for several more years as the 2008, 2010, and 2013 cohorts fully mature. Forecast values are highly uncertain, and given this uncertainty and the number of years the stock is projected to remain at low levels, it is possible that the stock will be assessed to be below the overfished threshold during the next several cycles. However, additional trawl survey observations may help to better inform the estimate of the 2008, 2010, and 2013 cohort sizes. Uncertainty in forecasts can be seen in the decision table, which utilizes two markedly different catch streams.

Projected increases beyond 2014 are small and reliant upon expected recruitment levels from the stock-recruitment relationship, despite many recent years of below-average recruitment (Table 27). The decision table reports 12-year projections for alternate states of nature (columns) and management options (rows) beginning in 2017. The results of this table are conditioned on the already-specified ACLs for 2015 and 2016 being achieved exactly. It is common to select an axis of uncertainty from leading parameters, model structure or historical catch levels, to best bracket the range of possible states of nature. For this assessment, due to the explicit inclusion of uncertainty in *M,*

survey catchability and scale of the stock-recruit function, asymptotic intervals are very broad. Steepness was evaluated as a possible axis of uncertainty, but even a broad range (from 0.3-0.9) underrepresented the forecast uncertainty relative to that implied by the parameter uncertainty already included in the base-case model. Therefore, the percentiles of the asymptotic distribution are used to describe the relative probabilities among the states of nature, as was done in the last assessment. Low and high columns are based on the 12.5th and 87.5th percentiles of the distribution about the maximum likelihood estimates for: depletion, relative SPR (in reverse order to match depletion; i.e., larger values implying greater relative fishing intensity are reported first) and spawning biomass from the base-case model. Catch allocation used for the forecast reflects the average distribution of fishing intensity among fleets (hook-and-line, pot, and commercial) during 2012-2014.

The decision table results show that the probability that the stock will be overfished in 2017 is <12.5% (Table 28). Further, given any status much below the estimated current spawning biomass, the stock is not projected to increase appreciably over the duration of these forecasts, even under harvest alternatives that are much lower than current ACLs. However, if the stock is actually above current estimates, it is projected to increase over all harvest alternatives.

7 Regional management considerations

Recent sablefish management has relied upon allocations north and south of an arbitrary line at 36°N. Although this does not likely correspond to any meaningful biological boundary, it has led to an increased interest in the fraction of the coast-wide stock that is present to the south of this line, which cannot be explicitly estimated. However, an approximation can be generated using recent NWFSC Shelf-Slope survey catches north and south of Point Conception (the closest survey stratification line to the management break). The NWFSC Shelf-Slope survey is estimated to have non-uniform (dome-shaped) selectivity, thus these results should be interpreted with caution, as they only represent the relative distribution of the sablefish population observed by the survey, not the entire population.

The total biomass over the entire surveyed time-period (2003-2014) has been distributed 10.11% over the shelf north of Point Conception, 74.80% over the slope north of Point Conception, and 15.09% over the slope south of Point Conception (Figure 114). In the previous assessment, 16.2% of the biomass was found south of Point Conception and 83.8% to the north. The decrease in biomass south of Point Conception runs counter to the previously observed increasing trend in the southern biomass despite a declining trend in survey abundance over the entire coast.

Use of an average ratio for management purposes requires that the relative distribution of sablefish biomass along the coast has not changed appreciably over the period from which the average was created. The strata used to create the index of abundance show that the spatial distribution appears to be relatively stable, particularly from 2008 to 2014 (Figure 114).

8 Research needs

The following research could improve the ability of the stock assessment framework to reliably model sablefish population dynamics in the future:

1. Continuation of the annual NWFSC Shelf-Slope trawl survey will improve the precision of estimates of absolute stock size and productivity, which are reliant upon

observing some contrast in stock trend (other than a one-way trip) with an unbroken survey index. Only a longer, more informative survey time-series will provide stock-specific and data-based information on the steepness parameter governing the sablefish stock-recruit relationship.

2. Update all relative survey indexes of abundance to use the latest delta-GLMM methods and investigate additional model structures.
3. Evaluate potential causes of residual patterns in the fit to larger cohorts in the age data (particularly the 1999 and 2000 cohorts) and to the size data (particularly for the hook-and-line fishery).
4. Evaluate potential causes of residual patterns in the fit to discard data, particularly for the pot fishery with respect to the early years of recorded discards.
5. Compared to other groundfish, age sampling from the commercial fishery has generally been sparse. Work toward further standardization of state and federal biological sampling programs to reduce sampling variability would make the data more informative. For example, in a given year at least one state collects sexed-length observations, while at least one does not. If an increased fraction the catch was available for sampling at-sea, or in-port in a non-dressed form, then more consistent demographic information could result.
6. Investigate aging methods that could prove more precise than current break-and-burn methods. More accurate age data would facilitate tracking cohorts to older ages, improving estimates of historical year-class strengths. Further studies to investigate the potential for bias in aging methods should be conducted; these results will have a strong effect on natural mortality estimates.
7. Explore the effect of assigning unsexed fishery composition data to males and females using a 50:50 ratio or some other justified sex ratio, versus excluding the samples as was done in the 2011 assessment.
8. Continue to monitor and explore differences in discard rates with the implementation of the catch share system.
9. Routine collection of samples to refine estimates of biological parameters, particularly maturity and fecundity, could increase the reliability of this assessment.
10. Continued refinement of the historical landings estimates for Washington, subsequent to the large data entry of historical fish-ticket information currently underway, will likely produce a more accurate time-series of mortality and would complement the completed efforts to reconstruct California and Oregon landings.
11. Given the migratory nature and broad distribution of sablefish along the Pacific Rim, it is important to continue to evaluate the spatial aspects of the assessments, including the northern boundary with Canada, and the connectivity with offshore seamounts. A joint assessment with Canadian and Alaskan scientists could be warranted, following the approach taken by the International Pacific Halibut Commission.
12. Continue to evaluate methods to capture information regarding environmental and ecosystem variability in stock assessments. Further, historical records of particularly large year classes (e.g., 1947 reported by sport fishermen in central California) could be investigated to better inform the historical period.
13. There is uncertainty in the accuracy of the dressed to whole weight conversions used in some situations to estimate fishery landings. Following Oregon's lead, this topic should be investigated, and total landed catch estimates adjusted, according to the best available conversion information.

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10 References

Brodziak, J. 1997. Standardized catch rates for the deep-water complex. Division Research Report. NMFS, Northwest Fisheries Science Center, Fishery Resource Analysis and Monitoring Division, Hatfield Marine Science Center, Newport, Oregon. 49 p.

Browning, R. J. 1980. Fisheries of the North Pacific: history, species, gear, & processes. Alaska Northwest Publishing Company, Anchorage, Alaska. 423 p.

Crone, P. R., R. D. Methot, R. J. Conser, R. R. Lauth, and M. E. Wilkins. 1997. Status of the sablefish re- source off the U.S. Pacific coast in 1997. In Pacific Fishery Management Council 1997. Appendix: Status of the Pacific coast groundfish fishery through 1997 and recommended acceptable biological catches for 1998: Stock assessment and fishery evaluation. Pacific Fishery Management Council, Portland, Oregon.

Davis, M. W., B. L. Olla, and C. B. Schreck. 2001. Stress induced by hooking, net towing, elevated sea water temperature and air in sablefish: lack of concordance between mortality and physiological measures of stress. Journal of Fish Biology 58:1-15.

Eschmeyer, W. N. and E. S. Herald. 1983. A field guide to Pacific coast fishes North America. Houghton Mifflin Co., Boston, MA.

Francis, R. C. 1984. Status of the sablefish resource of the U.S. west coast and recommendations for management in 1985. Appendix 3 in Pacific Fishery Management Council. Status of Pacific coast groundfish fishery and recommendations for management in 1985. Pacific Fishery Management Council, Portland, Oregon.

Francis, R. C. 1985. Status of the sablefish resource of the U.S. west coast and recommendations for management in 1986. Appendix 2 in Pacific Fishery Management Council. Status of Pacific coast groundfish fishery and recommendations for management in 1986. Pacific Fishery Management Council, Portland, Oregon.

Fujioka, J. T., F. R. Shaw, G. A. McFarlane, T. Sasaki, and B. E. Bracken. 1988. Description and summary of the Canadian, Japanese and U.S. joint data base of sablefish tag releases and recoveries during 1977- 1983. U.S. Department of Commerce, NOAA Technical Memorandum NMFS F/NWC-137. 34 p.

Fujiwara, S. and D. G. Hankin. 1988. Sex ratio, spawning period, and size and age at maturity of sablefish Anoplopoma fimbria off northern California. Nippon Suisan Gakkaishi 54:1333-1338.

Haist, V., A. R. Kronlund, and M. R. Wyeth. 2005. Sablefish (Anoplopoma fimbria) in British Columbia, Canada: stock assessment update for 2004 and advice to managers for 2005. Canadian Science Advisory Secretariat. Research Document 2005/031. 16 p. + Appendices.

Hamel, O. S. 2015. A method for calculating a meta-analytical prior for the natural mortality rate using multiple life history correlates. ICES Journal of Marine Science 72(1): 62-69.

Hanselman, D. H., C. R. Lunsford, and C. J. Rodgveller. 2014. Chapter 3: Assessment of Sablefish stock in Alaska. NPFMC Bering Sea, Aleutian Islands and Gulf of Alaska SAFE. Pages 283-424.

Hanselman, D. H., C. R. Lunsford, and C. J. Rodgveller. 2010. Chapter 3: Assessment of Sablefish stock in Alaska. NPFMC Bering Sea, Aleutian Islands and Gulf of Alaska SAFE. Pages 329-468.

Hart, J. L. 1973. Pacific Fishes of Canada, Fisheries Research Board of Canada, Bulletin 180. St. Andrews, N.B., Canada. 740 p.

Head, M. A., Keller, A. A., and Bradburn, M. 2014. Maturity and growth of sablefish, Anoplopoma fimbria, along the U.S. West Coast. Fisheries Research 159: 56-67.

He, X., M. Mangel, and A. MacCall. 2006. A prior for steepness in stock-recruitment

relationships, based on an evolutionary persistence principle. Fishery Bulletin 104:428-433.
Heifetz, J. and J. T. Fujioka. 1991. Movement dynamics of tagged sablefish in the northeastern Pacific.
Fisheries Research 11:355-374.
Helser, T. E., A. E. Punt, and R. D. Methot. 2004. A generalized linear mixed model analysis of a multi- vessel fishery resource survey. Fisheries Research 70:251-264.
Hoenig, J. M. 1983. Empirical use of longevity data to estimate mortality rates. Fishery Bulletin 82:898-903.
Hunter, J. R., B. J. Macewicz, and C. A. Kimbrell. 1989. Fecundity and other aspects of the reproduction of sablefish, Anoplopoma fimbria, in central California waters. CalCOFI Reports 30:61-72.
Karnowski, M., V. V. Gertseva, A. Stephens. 2014. Historical Reconstruction of Oregon's Commercial Fisheries Landings. 2014-02, Oregon Department of Fish and Wildlife, Newport, Oregon, 56 p.
Kimura, D. K. and J. W. Balsinger. 1985. Bootstrap methods for evaluating sablefish pot index surveys.
North American Journal of Fisheries Management 5:47-56.
Kronlund, A. R. 2010. Management procedures for the multi-gear sablefish (*Anoplopoma fimbria*) fishery in British Columbia, Canada. Department of Fisheries and Oceans Canada, Nanaimo, BC.
Low, L. L., G. K. Tononaka, and H. H. Shippen. 1976. Sablefish of the Northeastern Pacific Ocean and Bering Sea. Processed Report October 1976. Northwest Fisheries Center. 113 p.
Macewicz, B. J. and J. R. Hunter. 1994. Fecundity of sablefish, Anoplopoma fimbria, from Oregon coastal waters. Calif. Coop. Oceanic Fish. Invest. Rep. 35:160-174.
Maunder, M. N. and G. M. Watters. 2003. A general framework for integrating environmental time series into stock assessment models: model description, simulation testing, and example. Fishery Bulletin 101:89-99.
Maunder, M. N. and A. E. Punt. 2004. Standardizing catch and effort data: a review of recent approaches.
Fisheries Research 70: 141-159.doi: 10.1016/j.fishres.2004.08.002.
McDevitt, S. A. 1987. The status of the sablefish resource in waters off the U.S. west coast. Appendix B in Pacific Fishery Management Council. Status of the Pacific coast groundfish fishery through 1987 and recommended acceptable biological catches for 1988. Pacific Fishery Management Council, Portland, Oregon.
McFarlane, G. A. and R. J. Beamish. 1990. Effect of an external tag on growth of sablefish (Anoplopoma fimbria), and consequences to mortality and age at maturity. Canadian Journal of Fisheries and Aquatic Sciences 47:1551-1557.
Methot, R. D. 1992. Assessment of the west coast sablefish stock in 1992. Appendix D in Pacific Fishery Management Council. Appendices to the status of the Pacific coast groundfish fishery through 1992 and recommended acceptable biological catches for 1993: Stock assessment and fishery evaluation. Pacific Fishery Management Council, Portland, Oregon.
Methot, R. D. 1994. Assessment of the west coast sablefish stock in 1994. Appendix B in Pacific Fishery Management Council. Status of the Pacific coast groundfish fishery through 1994 and recommended acceptable biological catches for 1995: Stock assessment and fishery evaluation. Pacific Fishery Man- agement Council, Portland, Oregon.
Methot, R. D. 1995. Geographical patterns in growth and maturity of female sablefish off the

US west coast. Unpublished manuscript. NOAA, NMFS, NWFSC, FRAM: 42 p.
Methot, R. D. 2009. User manual for Stock Synthesis. Model version 3.03a, May 11, 2009. NOAA-NWFSC, Seattle, WA. 143 p.
Methot, R. D. and J. Hightower. 1988. Status of the Washington-Oregon-California sablefish stock in 1989. Appendix B in Pacific Fishery Management Council. Status of the Pacific coast groundfish fishery through 1988 and recommended acceptable biological catches for 1989. Pacific Fishery Management Council, Portland, Oregon.
Methot, R. D. and J. Hightower. 1989. Status of the Washington-Oregon-California sablefish stock. Status of the Pacific coast groundfish fishery through 1989 and recommended acceptable biological catches for 1990. Pacific Fishery Management Council, Portland, Oregon.
Methot, R. D. and J. Hightower. 1990. Assessment of the west coast sablefish stock in 1990 and recom- mendations to management in 1991. Appendix B in Pacific Fishery Management Council. Status of the Pacific coast groundfish fishery through 1990 and recommended acceptable biological catches for 1991: Stock assessment and fishery evaluation. Pacific Fishery Management Council, Portland, Oregon.
Methot, R. D. Jr, and I. G. Taylor. 2011. Adjusting for bias due to variability in estimated recruitments in fishery assessment models. Canadian Journal of Fisheries and Aquatic Sciences 68: 1744-1760.
Morita, S. H., K. Morita, and A. Nishimura. 2012. Sex-biased dispersal and growth in sablefish (Anoplopoma fimbria) in the northeastern Pacific Ocean. Environmental Biology of Fishes 94: 505-511.
Parks, N. B. and S. E. Hughes. 1981. Changes in relative abundance and size composition of sablefish in coastal waters of Washington and Oregon, 1979-80. U.S. Department of Commerce, NOAA Technical Memorandum NMFS F/NWC-8. 25 p.
Parks, N. B. and F. R. Shaw. 1983a. Changes in relative abundance and size composition of sablefish (Anoplopoma fimbria) in coastal waters of California, 1980-1982. U.S. Department of Commerce, NOAA Technical Memorandum NMFS F/NWC-51. 16 p.
Parks, N. B. and F. R. Shaw. 1983b. Changes in relative abundance and size composition of sablefish in coastal waters off Washington and Oregon, 1979-81 and California, 1980-82. Proceedings of the International Sablefish Symposium, March 29-31, 1983, Anchorage, Alaska.
Parks, N. B. and F. R. Shaw. 1985. Abundance and size composition of sablefish (Anoplopoma fimbria) in the coastal waters of California and Oregon in 1984. U.S. Department of Commerce, National Marine Fisheries Service, NWAFC Processed Report 85-16. 21 p.
Parks, N. B. and F. R. Shaw. 1987. Changes in relative abundance and size composition of sablefish in coastal waters of Washington and Oregon, 1979-1985. US Department of Commerce. NOAA Technical Memorandum NMFS F/NWC-124. 41 p.
Parks, N. B. and F. R. Shaw. 1988. Abundance and Size Composition of Sablefish (Anoplopoma Fimbria) in the Coastal Waters of California and Southern Oregon, 1984-86. National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Northwest and Alaska Fisheries Center, Resource Assessment and Conservation Engineering Division.
Parks, N. B. and F. R. Shaw. 1989. Relative abundance and size composition of sablefish (Anoplopoma fim- bria) in the coastal waters of California and southern Oregon, 1984-1988. U.S. Department of Commerce, NOAA Technical Memorandum NMFS F/NWC-167. 32 p.
Pauly, D. 1980. On the interrelationships between natural mortality, growth parameters, and mean

environ- mental temperature in 175 fish stocks. Journal du conseil / Conseil international pour l'exploration de la mer 39:175-192.

Pikitch, E. K., D. L. Erickson, and J. R. Wallace. 1988. An evaluation of the effectiveness of trip limits as a management tool. U.S. Department of Commerce, National Marine Fisheries Service, NWAFC Processed Report 88-27.

Punt, A. E., D. C. Smith, K. KrusicGolub, and S. Robertson. 2008. Quantifying age-reading error for use in fisheries stock assessments, with application to species in Australia's southern and eastern scalefish and shark fishery. Canadian Journal of Fisheries and Aquatic Sciences 65:1991-2005.

Ralston, S., D. E. Pearson, J. C. Field, and M. Key. 2010. Documentation of the California catch recon- struction project. NOAA Technical Memorandum NMFS SWFSC-461. 80 p.

Sampson, D. B. 2002. Analysis of data from the at-sea data collection project. Oregon State University. Sampson, D. B., W. Barss, M. Saelens, and C. Wood. 1997. The bycatch of sablefish, Anoplopoma fimbria, in the Oregon whiting fishery. Pages 183-194. In Biology and management of sablefish, Anoplopoma fimbria. Papers from the international Symposium on the biology and management of sablefish. Seattle, Washington, 1993. NOAA Tech. Rep. NMFS 130.

Schirripa, M. J. 2002. Status of the sablefish resource off the continental U.S. Pacific coast in 2002. . Appendix B in Pacific Fishery Management Council. Status of the Pacific coast groundfish fishery through 2002 and recommended acceptable biological catches for 2003. Pacific Fishery Management Council, Portland, Oregon.

Schirripa, M. J. 2007. Status of the Sablefish Resource off the Continental U.S. Pacific Coast in 2007. Pacific Fishery Management Council. Portland, Oregon. 117 p.

Schirripa, M. J. and J. J. Colbert. 2005. Status of the sablefish resource off the continental U.S. Pacific coasts in 2005. Appendix B in Pacific Fishery Management Council. Status of the Pacific coast groundfish fish- ery through 2005 and recommended acceptable biological catches for 2007. Pacific Fishery Management Council, Portland, Oregon. 161 p.

Schirripa, M. J. and J. J. Colbert. 2006. Interannual changes in sablefish (Anoplopoma fimbria) recruitment in relation to oceanographic conditions within the California Current System. Fisheries Oceanography 15:25-36.

Schirripa, M. J., C. P. Goodyear, and R. D. Methot. 2009. Testing different methods of incorporating climate data into the assessment of US West Coast sablefish. ICES Journal of Marine Science 66:1605-1613.

Schirripa, M. J. and R. D. Methot. 2001. Status of the sablefish resource off the U.S. Pacific coast in 2001. Appendix B in Pacific Fishery Management Council. Status of the Pacific coast groundfish fishery through 2001 and recommended acceptable biological catches for 2002. Pacific Fishery Management Council, Portland, Oregon.

Sette, O. E. and R. H. Fiedler. 1928. Fishery Industries of the United States. U.S. Bureau of Fisheries.

Shaw, F. R. and N. B. Parks. 1997. Movement patterns of tagged sablefish, Anoplopoma Fimbria, recovered on seamounts in the Northeast Pacific Ocean and Gulf of Alaska. Pages 151-158 In Biology and management of sablefish, Anoplopoma fimbria. Papers from the international Symposium on the biology and management of sablefish. Seattle, Washington, 1993. NOAA Tech. Rep. NMFS 130.

Stewart, I. J., Thorson, J. T., and Wetzell, C. 2011. Status of the U.S. sablefish resource in 2011. Pacific Fishery Management Council. Portland, Oregon. 442 p.

Then, A. Y., Hoenig, J. M., Hall, N. G., and Hewitt, D. A. 2015. Evaluating the predictive performance of empirical estimators of natural mortality rate using information on over

200 fish species. ICES Journal of Marine Science 72(1): 82-92.
Thorson, J. T. and E. J. Ward. 2013. Accounting for space-time interactions in index standardization models. Fisheries Research 147: 426-433. doi: 10.1016/j.fishres.2013.03.012.
Van Houten Lynde, M. 1986. The historical annotated landings (HAL) database: documentation of annual harvest of groundfish from the northeast Pacific and eastern Bering Sea from 1956 to 1980. NOAA Technical Memorandum NMFS F/NWC-103:197 p.
Weinberg, K. L., M. E. Wilkins, F. R. Shaw, and M. Zimmermann. 2002. The 2001 Pacific west coast bottom trawl survey of groundfish resources: estimates of distribution, abundance, and length and age composition. U. S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-128. 140 p. + Appendices.
Zimmermann, M., M. E. Wilkins, K. L. Weinberg, R. R. Lauth, and F. R. Shaw. 2001. Retrospective analysis of suspiciously small catches in the National Marine Fisheries Service west coast triennial bottom trawl survey. NOAA Proc. Rep. 2001-03.
Zimmermann, M., M. E. Wilkins, K. L. Weinberg, R. R. Lauth, and F. R. Shaw. 2003. Influence of improved performance monitoring on the consistency of a bottom trawl survey. ICES Journal of Marine Science 60:818-826.

11 Tables

Table 1. Total landings (mt) of sablefish by fleet (hook-and-line (HKL), pot (POT), and trawl (TWL)), including foreign landings, utilized in the assessment model.

Year	HKL	POT	TWL	Year	HKL	POT	TWL	Year	HKL	POT	TWL
1900	50	0	0	1939	1757	0	258	1978	1868	5859	4526
1901	76	0	1	1940	1187	0	216	1979	4535	12269	7105
1902	103	0	3	1941	1251	0	272	1980	1596	2987	4469
1903	129	0	4	1942	1888	0	775	1981	1981	3914	5524
1904	156	0	6	1943	1613	0	1747	1982	1789	6574	10265
1905	138	0	7	1944	1412	0	2224	1983	1181	6045	7426
1906	121	0	8	1945	1638	0	2390	1984	1066	4500	8449
1907	103	0	10	1946	2431	0	1308	1985	2909	3950	7273
1908	86	0	11	1947	1451	0	436	1986	3546	2986	6618
1909	129	0	12	1948	1667	0	782	1987	3946	2082	6574
1910	173	0	14	1949	1461	0	711	1988	3070	2146	5528
1911	216	0	15	1950	1190	0	808	1989	2438	2074	5772
1912	260	0	16	1951	1711	0	1567	1990	2213	1679	5173
1913	303	0	18	1952	1073	0	901	1991	3458	1068	4975
1914	347	0	19	1953	952	0	672	1992	3103	802	5456
1915	390	0	20	1954	1318	0	975	1993	2334	848	4964
1916	1309	0	42	1955	1297	0	880	1994	2379	1371	3829
1917	1856	0	318	1956	973	0	2425	1995	2996	1067	3852
1918	2941	0	204	1957	1605	0	936	1996	3363	751	4203
1919	1117	0	168	1958	767	0	752	1997	3587	584	3771
1920	628	0	324	1959	1242	0	960	1998	1761	442	2170
1921	997	0	416	1960	1686	0	1185	1999	2713	738	3170
1922	508	0	194	1961	1061	0	742	2000	2714	853	2689
1923	1344	0	294	1962	1016	0	1607	2001	2362	673	2596
1924	1258	0	434	1963	954	0	850	2002	1749	472	1568
1925	1519	0	384	1964	1014	0	1025	2003	2283	799	2213
1926	1272	0	227	1965	913	0	1012	2004	2515	816	2411
1927	1610	0	466	1966	742	0	1121	2005	2807	997	2399
1928	1213	0	560	1967	2458	0	1812	2006	2604	1053	2538
1929	1233	0	710	1968	1421	0	1308	2007	2060	688	2489
1930	1564	0	657	1969	3406	0	2068	2008	2301	675	2892
1931	763	0	449	1970	1653	114	2837	2009	3274	863	3061
1932	928	0	461	1971	1228	181	2475	2010	3379	910	2539
1933	865	0	499	1972	2810	273	3534	2011	3231	1449	1724
1934	1370	0	665	1973	945	453	4273	2012	2561	1179	1498
1935	1714	0	897	1974	1948	3180	3463	2013	1865	846	1402
1936	1553	0	327	1975	1593	8747	3949	2014	1868	1032	1256
1937	1579	0	232	1976	1185	19308	3879				
1938	1418	0	243	1977	1522	3731	3480				

Table 2. Summary of key events in the sablefish fishery and management history. For a more complete summary of management actions since 1982 see Appendix A of Stewart et al. (2011).

Year	Source
1942 - 1946	Market demands likely increase retention of previously unmarketable sablefish.
1955	First minimum size limit (26 inches, in OR and WA, later removed).
1982	First trip limits imposed on the trawl fishery.
1983	22 inch minimum size limit north of Point Conception (allowance for some smaller fish).
1990-1993	Increasingly shorter fixed-gear seasons.
1997-1999	Sequential reductions in landings limits begin.
2003	Rockfish conservation areas close large portions of the shelf to trawling and fixed-gear fleets.
2011	Rationalization of the LE trawl sector.

Table 3. Recent trend in sablefish landings and estimated total dead catch (mt) relative to OFL (ABCs at the time) and ACLs (OYs at the time).

Year	OFL (mt)[1]	ACL (mt)[1]	Landings (mt)	Estimated dead catch (mt)[2]
2005	8471	7761	6203	6545.62
2006	8175	7634	6195	6515.59
2007	6210	5934	5237	5499.59
2008	6058	5934	5868	6163.55
2009	9914	8423	7198	7724.84
2010	9217	7729	6828	7276.24
2011	8808	6813	6404	6726.63
2012	8623	6605	5238	5493.75
2013	6621	5451	4113	4305.49
2014	7158	5909	4156	4460.99

[1]Includes both the southern and northern management areas where separate values were applied.

[2]Includes discards estimated within the stock assessment and therefore may differ from total mortality reports used by management.

Table 4. Recent yearly sablefish landings (mt) by fleet, with associated relative proportions.

Year	Hook-and-line		Pot		Trawl	
	mt	%	mt	%	mt	%
2005	2,807	45.25	997	16.08	2,399	38.67
2006	2,604	42.04	1,053	17.00	2,538	40.96
2007	2,060	39.34	688	13.13	2,489	47.53
2008	2,301	39.21	675	11.51	2,892	49.28
2009	3,274	45.48	863	11.99	3,061	42.53
2010	3,379	49.48	910	13.33	2,539	37.19
2011	3,231	50.46	1,449	22.62	1,724	26.92
2012	2,561	48.90	1,179	22.50	1,498	28.60
2013	1,865	45.33	846	20.57	1,402	34.09
2014	1,868	44.95	1,032	24.83	1,256	30.22

Table 5. Summary of data used to produce NWFSC Shelf-Slope bottom trawl survey biomass index and length- and age-composition data between 2003 and 2014.

Year	N hauls	N positive hauls	N hauls w/ lengths	N lengthed fish	N hauls w/ ages	N aged fish
2003	541	421	419	5,798	382	1,388
2004	470	332	328	4,511	278	1,086
2005	637	447	445	5,567	415	1,575
2006	641	399	398	4,833	369	1,363
2007	688	430	422	4,470	396	1,258
2008	681	421	421	3,979	369	1,194
2009	682	419	419	3,688	383	1,181
2010	714	458	457	4,204	421	1,265
2011	697	457	455	4,674	382	773
2012	701	428	428	4,381	395	1,091
2013	471	307	307	3,280	285	992
2014	685	465	463	4,323	383	793

Table 6. Summary of data used to produce NWFSC Slope bottom trawl survey biomass index and length- and age-composition data.

Year	N hauls	N positive hauls	N hauls w/ lengths	N lengthed fish	N hauls w/ ages	N aged fish
1998	299	252	196	1,672	115	648
1999	322	293	293	3,032	127	475
2000	321	296	294	3,173	150	737
2001	328	303	298	2,863	135	596
2002	362	378	341	3,794	179	1,490

Table 7. Summary of data used to produce AFSC slope bottom trawl survey biomass index and length- and age-composition data.

Year	N hauls	N positive hauls	N hauls w/ lengths	N lengthed fish	N hauls w/ ages	N aged fish
1997	180	174	173	5,182	153	1,485
1999	199	193	193	3,619	157	472
2000	207	206	206	4,740	198	1,622
2001	207	206	206	4,674	124	472

Table 8. Summary of data used to produce AFSC Triennial shelf bottom trawl survey biomass index and length- and age-composition data.

Year	N hauls	N positive hauls	N hauls w/ lengths	N lengthed fish	N hauls w/ ages	N aged fish
1980	332	209	16	1,944	0	0
1983	513	357	205	5,767	20	914
1986	484	372	104	4,896	1	68
1989	447	321	290	5,183	21	475
1992	445	307	222	6,919	43	536
1995	479	364	334	7,673	75	340
1998	511	298	267	7,442	79	432
2001	497	397	369	12,790	121	434
2004	382	297	296	8,753	233	477

Table 9. Number of available years for each environmental index, sea-surface height (SSH) and zooplankton abundance (ZOO), thought to track recruitment variability.

Data	N years avail.	N years used
SSH	89	45
ZOO	25	25

Table 10. Number of tows and samples removed from the fishery age-composition data because unsexed sampled fish represented more than 1 percent of the total fish sampled in that bin for a given fishery x year combination.

Year	Fishery	Ntows	Agebin	Nsamples
1986	HKL	1	25	1
1987	TWL	2	22	2
1987	TWL	2	30	1
1987	TWL	2	40	1
1987	TWL	2	42	1
1988	TWL	1	17	2
1988	TWL	1	29	2
1988	TWL	1	33	1
1988	TWL	1	36	1
1996	HKL	1	3	1
1996	HKL	1	5	4
1996	HKL	1	7	4
1996	HKL	1	8	2
1996	HKL	1	11	2
1996	HKL	1	15	1
1996	HKL	1	16	1
1996	HKL	1	19	1
1996	HKL	1	23	1
1998	HKL	1	28	1
2000	HKL	1	25	1
2002	TWL	1	14	1
2012	HKL	1	20	1
2012	TWL	1	4	1

Table 11. Summary of externally estimated biological parameters.

Quantity	Value	Source
Fecundity eggs/kilogram	1.00	Various published studies
Fecundity slope	0.00	
Female maturity logistic	-0.13	Various published studies
Female length at 50%	58.00	
Female weight-length	0.0000032	All available survey data
Male weight-length	0.0000033	
Female weight-length	3.27596	
Male weight-length	3.27292	

Table 12. Summary of fishery sampling (tows) used to create commercial fishery length- and age-frequency distributions for the assessment model. Year and gear combinations with three or fewer tows were removed as they were noisy. At-sea sampling of retained catch by observers is combined with port samples.

	Lengths (retained)			Ages (retained)			Lengths (discard)		
Year	HKL	POT	TWL	HKL	POT	TWL	HKL	POT	TWL
1978	0	0	25	0	0	0	0	0	0
1979	0	7	5	0	0	0	0	0	0
1980	0	7	42	0	0	0	0	0	0
1981	3	0	31	0	0	0	0	0	0
1982	0	0	3	0	0	0	0	0	0
1983	0	15	11	0	0	0	0	0	0
1985	0	4	25	0	0	0	0	0	0
1986	47	33	190	24	20	138	0	0	0
1987	82	37	174	71	33	145	0	0	0
1988	33	15	122	23	6	90	0	0	0
1989	23	59	155	7	25	83	0	0	0
1990	39	33	173	9	10	77	0	0	0
1991	57	27	168	8	14	45	0	0	0
1992	21	6	18	0	0	0	0	0	0
1993	206	33	187	0	6	26	0	0	0
1994	175	16	157	0	4	27	0	0	0
1995	134	43	143	11	7	26	0	0	0
1996	93	22	119	26	17	45	0	0	0
1997	161	36	142	47	29	69	0	0	0
1998	129	21	130	15	0	22	0	0	0
1999	188	26	158	38	15	19	0	0	0
2000	198	33	152	28	16	69	0	0	0
2001	140	17	145	49	14	71	0	0	0
2002	110	17	141	25	11	23	0	0	0
2003	154	21	162	15	10	28	0	0	0
2004	98	26	131	11	6	36	0	0	5
2005	174	20	150	29	7	35	1	0	2
2006	240	41	173	31	5	65	36	33	171
2007	177	37	179	82	15	81	74	48	162
2008	302	65	156	8	0	8	80	33	171
2009	310	92	121	42	16	31	55	43	309
2010	309	81	121	45	11	33	170	61	204
2011	336	74	111	33	11	29	131	59	130
2012	372	109	135	79	3	4	121	45	124
2013	331	76	148	30	10	33	49	30	153
2014	118	41	77	0	0	0	0	0	0

Table 13. Changes to the modeling framework from the 2011 base-case model, including the rationale for each change and the impact of the change on the results of the final base-case model.

Change	Rationale	Result	Figure or Table
Unsexed NWFSC Shelf-Slope composition samples were assigned to males and females using a 50:50 sex ration	Information regarding the previously used ratio was lacking in the document, R code documented use of empirical ratio for all fish less than 30 cm and a 50:50 ratio for all fish great than 30 cm	minor	Figure 58
Specified marginal survey age compositions as sex-specific	Marginal survey age compositions are not included in the objective function, and they are for visual purposed only, whereas conditional-age-at-length are sex-specific	minor	
Unavailable fishery composition sample weights were estimated using a sex-specific weight-length relationship	The previous assessment used a single relationship for all fish regardless of sex	minor	
Fishery composition samples with unknown sampling method were removed	49 samples from the Washington trawl fishery were removed because the sample collection method was not specified	minor	
Utilized an incorrect equation to calculate weights from lengths for fishery composition data	The PacFIN composition code used $length(mm)^{\beta} * 0.00220462$, where length parameters assume length is in cm and weight is in kg and should be $length(cm)^{\beta} * 2.220462$	minor	Figure 57
Unsexed fishery age-compositions were as signed to males and females using a 50:50 sex ratio	The previous assessment removed these fish from the analysis, whereas for this assessment they were included if they unsexed fish did not represent greater than 10% of a given bin	minor	Table 10
Removed EDCP trawl discard ratio data, which was previously represented using the average over all years, but specified in year 1997	The data was accidentally left out of the assessment. Its inclusion was explored via a sensitivity analysis-	minor	Figure 50
delta-GLMM (Thorson and Ward 2013)	Implement SSC approved methods for constructing NWFSC Shelf-Slope relative index of abundance.	minor	Figure 12

Utilize most recent version of Stock Synthesis (3.24u, released 29 August, 2014)	It is common practice to make use of the most recent stock assessment framework	minor	Figure 53

Change	Rationale	Result	Figure or Table
Correctly weighted mean body weight observed from discard data	In 2011, mean body weight data were worked up as a simple average including discarded fish, fish that fell off the hook at the boat, and fish that were hooked and eaten before reaching the boat. Fish in the last two categories are much larger than the first, so the simple average over-estimated the mean body weight of the discards. A weighted average was used to correct this.	minor	
Decreased the added variance for mean body weight from discard data	Variances were high in the previous assessment because of their incorrect analysis, and the high variances were not supported by the data	minor	
Updated the weight-length relationship using only survey data	Previously both survey and fisher data were used to inform the weight-length relationship, and fishery data can be biased	minor	
M is estimated in phase 3 instead of phase 8	Estimating *M* in an earlier phase led to increased model convergence and stability	minor	Figure 31
Use RMSE to iteratively tune σ_R	After weighting the composition data and updating the bias adjustment parameters, RMSE of recruitment deviations was used to inform the input σ_R	major	Figure 55
Implemented a time block in the trawl fishery for the retention of older, large fish	With the implementation of the catch share program it was necessary to update the retention to that specified by management	minor	Figure 59

Table 14. Likelihood (*L*) components transitioning (left to right) from 2011 to the 2015 base-case model.

type	Com-ponent	2011	NewSS	Data	selectivity	phase	biasadj	base
Derived	SBzero	182136	182133	180685	180888	180888	179500	150622
	depletion	0.33	0.33	0.31	0.31	0.31	0.30	0.35
	last years SPRratio	0.94	0.94	0.95	0.95	0.95	0.94	0.93
	R0	22263.41	22263.41	21798.58	21843.97	21843.97	21770.26	17197.86
L	-	3800.32	3800.32	4476.57	4466.18	4466.18	4466.20	4979.98
	Discard	-57.56	-57.56	-78.20	-79.65	-79.65	-79.68	-78.81
	Forecast recruits	0.00	0.00	2.26	2.39	2.39	0.00	0.00
	Parm priors	2.55	2.55	2.66	2.65	2.65	2.62	3.05
	Recruits	22.11	22.11	20.83	20.65	20.65	23.10	25.20
	Survey	-28.36	-28.36	-35.27	-35.24	-35.24	-35.27	-35.84
Age	-	2834.13	2834.13	3003.55	3002.35	3002.35	3002.02	3606.27
	HKL	266.49	266.49	268.88	268.91	268.91	269.02	225.23
	POT	174.71	174.71	180.48	180.50	180.50	180.50	357.40
	TWL	228.98	228.98	226.74	226.64	226.64	226.54	365.82
	AKSHLF	433.90	433.90	429.17	429.26	429.26	429.12	459.70
	AKSLP	218.44	218.44	219.05	218.99	218.99	218.99	222.00
	NWSLP	496.72	496.72	539.70	539.72	539.72	539.73	505.11
	NWCBO	1014.88	1014.88	1139.52	1138.33	1138.33	1138.12	1471.00
Disc	-	-57.56	-57.56	-78.20	-79.65	-79.65	-79.68	-78.81
	HKL	-21.07	-21.07	-29.74	-29.74	-29.74	-29.74	-29.86
	POT	-20.11	-20.11	-26.39	-26.41	-26.41	-26.42	-25.59
	TWL	-16.38	-16.38	-22.06	-23.50	-23.50	-23.52	-23.36
Length	-	1025.07	1025.07	1567.34	1560.99	1560.99	1561.35	1488.75
	HKL	244.21	244.21	374.87	373.99	373.99	373.75	264.74
	POT	155.21	155.21	397.29	396.92	396.92	396.88	430.36
	TWL	141.90	141.90	135.64	128.58	128.58	128.69	166.13
	AKSHLF	102.81	102.81	103.30	103.33	103.33	103.45	102.73
	AKSLP	98.13	98.13	95.22	95.21	95.21	95.21	122.92
	NWSLP	106.31	106.31	191.36	191.38	191.38	191.41	109.14
	NWCBO	176.51	176.51	269.67	271.59	271.59	271.96	292.74

mnwt	-	2.37	2.37	-6.61	-7.96	-7.96	-7.95	-28.64
type	Com-ponent	2011	NewSS	Data	selectivity	phase	biasadj	base
	HKL	5.62	5.62	3.24	3.24	3.24	3.24	-4.39
	POT	6.18	6.18	2.97	2.98	2.98	2.98	-14.61
	TWL	-9.43	-9.43	-12.83	-14.18	-14.18	-14.16	-9.64
Surv	-	-28.36	-28.36	-35.27	-35.24	-35.24	-35.27	-35.84
	ENV	273.35	273.27	294.80	293.45	293.44	294.71	301.96
	AKSHLF	-2.53	-2.53	-2.69	-2.68	-2.68	-2.64	-3.20
	AKSLP	-5.57	-5.57	-5.61	-5.61	-5.61	-5.60	-5.68
NWSLP	-6.29	-6.29	-6.45	-6.45	-6.45	-6.44	-6.52	
NWCBO	-13.97	-13.97	-20.52	-20.50	-20.50	-20.58	-20.44	

Table 15. Description of model parameters in the base-case assessment model. A total of 12 mortality, growth, and stock recruit, 54 survey and fishery dynamics, and 176 recruitment deviation parameters were estimated.

Parameter	N est.	Lower bound	Upper bound	Prior	Mean	SD
Natural mortality (*M*, female)	1	0.01	0.11	lnNormal	-2.1791	0.3384
Natural mortality (*M*, male)	1	0.01	0.11	lnNormal	-2.0565	0.3375
Stock and recruitment						
Ln(*R*0)	1	8	12	Uniform		
Steepness (*h*)	-	NA	NA	Fixed	0.6	
Recruitment SD (σ_r)	-	NA	NA	Iterated	0.95	
Initial age deviations (ages 1-49 at age-0)	49	-4	4	Normal	0	σ_r
Time-series recruitment deviations (1900-2014)	115	-4	4	Normal	0	σ_r
Forecast recruitment deviations (2015-2026)	12	-4	4	Normal	0	σ_r
Survey catchability and variability						
Ln(*Q*) NWFSC Shelf-Slope	-			Analytic		
Ln(*Q*) AFSC shelf (1980-1992)	-	-3	0.5	Uniform		
Ln(*Q*) AFSC shelf offset (1995-2004)	-	-2	3	Uniform		
Extra additive SD for survey index	-	0.001	1.3	Uniform		
Selectivity, retention, & discard mortality						
Survey selectivity (double-normal) (See text for detailed description)	13					
Fishery selectivity (cubic spline) (See text for detailed description)	28					
Fishery retention inflections	3	25	-60	Uniform		
Hook-&-line retention slope	-	NA		Fixed	1.0	
Pot and trawl retention slope	2	1	20	Uniform		
Hook-&-line and trawl retention asymptote	2	0.6	1.0	Uniform		
Pot retention asymptote	-	NA		Fixed	1.0	
Historical differences in retention (See text for detailed description)	-	NA		Fixed		
Hook-&-line and pot discard mortality	-	NA		Fixed	20%	
Trawl discard mortality	-	NA		Fixed	50%	
Fishery size at first survival	-	NA		Fixed	28	
Individual growth						
Females:						
Length at age 0.5	1	22	30	Uniform		
Length at age 30	1	60	70	Uniform		
von Bertalanffy *K*	1	0.15	0.35	Uniform		
CV of length at age 0.5	1	0.03	0.15	Uniform		
CV of length at age 30	1	0.03	0.15	Uniform		
Males:						
Length at age 0.5 offset to fem.	-	NA		Fixed	0.0	
Length at age 30	1	50	60	Uniform		
von Bertalanffy *K*	1	0.2	0.45	Uniform		
CV of length at age 0.5	1	NA		Fixed	0.0	
CV of length at age 30	1	0.03	0.15	Uniform		

Table 16. Maximum percent difference in derived quantities from 100 iterations, using a jitter value of 0.1.

	Max perc diff
SSB_0	0.0013
$SSB_{initial}$	0.0014
F_{msy}	0.0019

Table 17. Input and effective sample sizes resulting from tuning the composition data in the base model.

Data	Fleet	Adj	Mean after	Harmonic
Age	HKL	26.55	33.00	0.84
	POT	27.17	29.11	2.12
	TWL	84.25	87.95	1.68
	AKSH	2.19	2.26	0.27
	AKSLP	1.00	0.40	0.00
	NWSL	4.12	4.00	0.20
	NWCB	5.14	5.32	0.24
Length	HKL	20.53	18.76	0.15
	POT	39.20	37.80	1.04
	TWL	30.57	30.65	0.25
	AKSH	43.06	43.77	0.18
	AKSLP	245.7	240.51	1.26
	NWSL	163.6	159.60	0.56
	NWCB	306.8	310.70	0.74

Table 18. Adjusted mean input standard errors and root-mean-squared error (RMSE) of fits to discard and mean body weight data resulting from tuning the base model.

Fleet	SD	Mean SD after	RMS
Discard ratio:			
Hook-and-line	0.015	0.04	0.06
Pot	0.024	0.07	0.07
Trawl	0.097	0.17	0.13
Mean body			
Hook-and-line	0.206	0.29	0.30
Pot	0.087	0.17	0.15
Trawl	0	0.18	0.12

Table 19. Sablefish stock-recruitment, mortality, and growth parameter estimates with their ~95% interval from the base-case model.

Parameter	Value	Lower ~95%	Upper ~95%
Equilibrium recruitment (R_0)	17197.8559	12207.7007	24227.8423
Females:			
Natural Mortality (M)	0.0758	0.0652	0.0864
Length at age 0.5 (cm)	26.1490	25.8695	26.4285
Length at age 30 (cm)	64.2267	63.7417	64.7117
von Bertalanffy K	0.3268	0.3158	0.3378
CV of length at age 0.5	0.0785	0.0739	0.0831
CV of length at age 30	0.1184	0.1140	0.1228
Males:			
Natural Mortality (M)	0.0616	0.0541	0.0690
Length at age 0.5 (cm)	-		
Length at age 30 (cm)	56.2739	56.0338	56.5140
von Bertalanffy K	0.4157	0.4031	0.4282
CV of length at age 0.5	-		
CV of length at age 30	0.0779	0.0752	0.0807

Table 20. Sablefish estimated parameters (excluding recruitment deviations and growth parameters) and their ~95% intervals in the base-case model.

Parameter	Estimate	Lower 95%	Upper 95%
Q-extraSD-5-AKSHLF	0.35	0.15	0.55
Q-extraSD-6-AKSLP	0.07	-0.04	0.17
Q-extraSD-7-NWSLP	0.09	-0.01	0.20
LnQ-base-5-AKSHLF	-1.14	-1.65	-0.63
Q-walk-5y-1995	0.67	0.10	1.24
Retain-1P-1-HKL	31.30	28.02	34.58
Retain-1P-3-HKL	0.86	0.84	0.89
Retain-2P-1-POT	50.55	48.84	52.26
Retain-2P-2-POT	6.80	6.00	7.61
Retain-3P-1-TWL	44.95	43.78	46.12
Retain-3P-2-TWL	2.59	2.27	2.91
AgeSpline-GradLo-HKL-1	0.85	0.69	1.02
AgeSpline-GradHi-HKL-1	-0.65	-0.88	-0.42
AgeSpline-Val-1-HKL-1	-0.79	-1.11	-0.48
AgeSpline-Val-3-HKL-1	0.10	-0.34	0.54
AgeSpline-Val-4-HKL-1	-0.84	-1.26	-0.42
AgeSel-1MaleatDogleg-HKL	-1.26	-1.50	-1.02
AgeSel-1MaleatMaxage-HKL	-1.32	-2.14	-0.50
AgeSpline-GradLo-POT-2	0.70	0.51	0.89
AgeSpline-GradHi-POT-2	-0.23	-0.42	-0.03
AgeSpline-Val-1-POT-2	-1.54	-1.91	-1.17
AgeSpline-Val-2-POT-2	-1.00	-1.53	-0.47
AgeSpline-Val-4-POT-2	-1.15	-1.78	-0.53
AgeSel-2MaleatDogleg-POT	-1.20	-1.42	-0.97
AgeSel-2MaleatMaxage-POT	-1.42	-2.01	-0.83
AgeSpline-GradLo-TWL-3	0.71	0.42	1.00
AgeSpline-GradHi-TWL-3	-0.24	-0.38	-0.11
AgeSpline-Val-1-TWL-3	0.19	-0.25	0.62
AgeSpline-Val-2-TWL-3	0.02	-0.32	0.36
AgeSpline-Val-4-TWL-3	-0.17	-0.54	0.21
AgeSpline-Val-5-TWL-3	-0.76	-0.97	-0.56
AgeSel-3MaleatDogleg-TWL	0.04	-0.08	0.17
AgeSel-3MaleatMaxage-TWL	-0.25	-0.60	0.10
AgeSel-5P-4-AKSHLF	1.81	1.50	2.11
AgeSel-5P-5-AKSHLF	-3.83	-5.03	-2.62
AgeSel-6P-1-AKSLP	2.76	2.47	3.05
AgeSel-6P-4-AKSLP	0.99	-0.83	2.81
AgeSel-6P-5-AKSLP	-1.15	-1.57	-0.73
AgeSel-6P-6-AKSLP	-0.68	-1.17	-0.20
AgeSel-7P-3-NWSLP	1.43	0.89	1.97
AgeSel-7P-4-NWSLP	0.92	-0.45	2.30
AgeSel-7P-5-NWSLP	-3.97	-5.39	-2.54
AgeSel-7P-6-NWSLP	0.27	-0.25	0.80
AgeSel-8P-4-NWCBO	3.20	2.87	3.53
AgeSel-8P-5-NWCBO	-1.11	-1.39	-0.83
AgeSel-8P-6-NWCBO	-0.95	-1.23	-0.67
Retain-3P-3-TWL-BLK2repl-1982	0.92	0.89	0.95
AgeSpline-Val-3-HKL-1-BLK4repl-1900	-0.27	-0.75	0.20
AgeSpline-Val-4-HKL-1-BLK4repl-1900	-0.71	-1.12	-0.30
AgeSpline-Val-2-POT-2-BLK4repl-1900	0.08	-0.36	0.52
AgeSpline-Val-4-POT-2-BLK4repl-1900	-0.13	-0.65	0.39
AgeSpline-Val-2-TWL-3-BLK4repl-1900	0.16	-0.10	0.41
AgeSpline-Val-4-TWL-3-BLK4repl-1900	-0.77	-1.09	-0.45

Table 21. Time-series of base-case population estimates.

Year	Total Biomass (mt)	Age4+ Biomass (mt)	Spawning (mt) biomass	~95% int	Age-0 Recruits (1000)	~95% int
1900	428151	402136	146,687	88,462-204,912	16,016	0-45,536
1901	427285	401370	146,402	88,327-204,477	15,954	0-45,321
1902	426337	400548	146,093	88,174-204,012	15,890	0-45,097
1903	425306	399666	145,751	87,933-203,569	15,823	0-44,861
1904	424198	398662	145,378	87,615-203,141	15,751	0-44,613
1905	423014	397586	144,972	87,230-202,714	15,676	0-44,352
1906	421802	396486	144,557	86,820-202,294	15,598	0-44,083
1907	420563	395365	144,133	86,400-201,866	15,519	0-43,808
1908	419297	394222	143,703	85,986-201,420	15,437	0-43,525
1909	418005	393055	143,267	85,586-200,948	15,352	0-43,233
1910	416624	391806	142,796	85,172-200,420	15,264	0-42,930
1911	415150	390470	142,289	84,747-199,831	15,173	0-42,619
1912	413587	389048	141,746	84,311-199,181	15,081	0-42,302
1913	411931	387539	141,166	83,862-198,470	14,987	0-41,981
1914	410185	385943	140,550	83,401-197,699	14,890	0-41,651
1915	408350	384261	139,896	82,924-196,868	14,787	0-41,304
1916	406427	382496	139,208	82,436-195,980	14,677	0-40,932
1917	403513	379783	138,067	81,515-194,619	14,553	0-40,518
1918	399711	376216	136,548	80,232-192,864	14,423	0-40,091
1919	394905	371656	134,536	78,474-190,598	14,285	0-39,646
1920	391965	368855	133,363	77,572-189,154	14,160	0-39,232
1921	389371	366444	132,388	76,892-187,884	14,035	0-38,816
1922	386314	363620	131,235	76,056-186,414	13,904	0-38,386
1923	383977	361454	130,397	75,551-185,243	13,775	0-37,956
1924	380682	358392	129,151	74,657-183,645	13,634	0-37,498
1925	377300	355243	127,891	73,761-182,021	13,493	0-37,036
1926	373685	351859	126,522	72,772-180,272	13,349	0-36,569
1927	370467	348845	125,316	71,961-178,671	13,204	0-36,096
1928	366643	345275	123,874	70,930-176,818	13,050	0-35,601
1929	363100	341973	122,579	70,061-175,097	12,895	0-35,101
1930	359363	338493	121,226	69,150-173,302	12,739	0-34,600
1931	355331	334724	119,735	68,118-171,352	12,583	0-34,101
1932	352309	331903	118,684	67,541-169,827	12,433	0-33,617
1933	349100	328931	117,565	66,915-168,215	12,276	0-33,114
1934	345892	325971	116,465	66,324-166,606	12,113	0-32,593
1935	341970	322333	115,071	65,454-164,688	11,942	0-32,049
1936	337416	318087	113,422	64,342-162,502	11,770	0-31,510
1937	333594	314493	112,023	63,495-160,551	11,597	0-30,964
1938	329829	310970	110,642	62,684-158,600	11,423	0-30,416
1939	326196	307600	109,334	61,962-156,706	11,254	0-29,884
1940	322182	303876	107,866	61,097-154,635	11,096	0-29,391
1941	318761	300705	106,671	60,519-152,823	10,958	0-28,956
1942	315203	297403	105,430	59,912-150,948	10,827	0-28,544
1943	310488	293023	103,738	58,872-148,604	10,680	0-28,093
1944	305036	287953	101,842	57,639-146,045	10,523	0-27,620
1945	299276	282546	99,859	56,329-143,389	10,366	0-27,153
1946	293119	276705	97,695	54,849-140,541	10,245	0-26,799

1947	287307	271057	95,489	53,339-137,640	10,183	0-26,625
1948	283475	267200	94,018	52,571-135,466	10,179	0-26,624
1949	279254	263052	92,399	51,664-133,133	10,232	0-26,802
1950	275522	259356	90,962	50,939-130,985	10,357	0-27,204
1951	272211	255982	89,692	50,369-129,016	10,565	0-27,866
1952	267872	251577	88,008	49,361-126,655	10,887	0-28,899
1953	265254	248621	86,918	48,909-124,926	11,372	0-30,455
1954	263509	246349	86,084	48,669-123,499	12,046	0-32,644
1955	261715	243893	85,137	48,248-122,025	12,928	0-35,579
1956	260845	242057	84,409	47,956-120,862	14,043	0-39,396
1957	259647	239721	83,541	47,397-119,686	15,434	0-44,352
1958	260634	239006	83,157	47,171-119,142	17,119	0-50,664
1959	264215	240372	83,581	47,567-119,596	19,117	0-58,631
1960	268942	242581	84,214	47,930-120,497	21,294	0-68,143
1961	275063	245807	85,140	48,291-121,988	23,605	0-79,524
1962	284629	251930	87,132	49,386-124,878	26,353	0-94,956
1963	295902	259597	89,646	50,636-128,656	29,955	0-118,339
1964	311087	270449	93,262	52,605-133,919	37,215	0-156,684
1965	330375	283671	97,759	55,045-140,473	20,769	0-74,803
1966	349164	300000	103,410	58,225-148,595	20,848	0-73,800
1967	366222	320162	110,708	66,231-155,185	20,551	0-70,733
1968	378173	345257	116,623	71,846-161,400	21,806	0-77,056
1969	389484	356283	122,407	76,899-167,915	23,552	0-90,427
1970	396690	362715	126,085	79,606-172,564	24,646	0-107,083
1971	404168	368056	129,356	81,892-176,820	53,985	0-198,183
1972	419867	374081	132,432	83,664-181,200	20,759	0-80,407
1973	431897	378502	134,230	82,366-186,094	14,391	0-44,217
1974	441146	384605	139,454	89,005-189,903	10,472	0-28,972
1975	441677	415205	142,418	92,256-192,580	15,608	0-48,007
1976	432211	411453	141,276	91,704-190,848	49,378	11,261-87,495
1977	418350	389358	132,894	84,001-181,787	10,683	0-28,383
1978	418006	377438	130,855	82,611-179,099	7,255	0-17,971
1979	410334	365721	129,830	81,986-177,674	34,506	17,122-51,890
1980	393413	372777	122,346	75,086-169,606	19,487	6,925-32,050
1981	391318	362741	120,419	74,116-166,722	23,348	12,740-33,956
1982	387804	345728	118,835	73,230-164,440	12,732	5,909-19,554
1983	374126	344556	114,082	69,206-158,958	5,040	994-9,086
1984	360558	335741	111,180	66,913-155,447	15,914	9,679-22,149
1985	346475	330523	107,978	64,516-151,440	26,777	17,125-36,429
1986	334918	316087	103,066	60,769-145,363	22,596	13,721-31,471
1987	326692	295497	98,264	57,145-139,383	14,363	7,757-20,968

1988	319140	284467	94,833	54,538-135,127	13,692	7,202-20,181
1989	312966	285507	92,958	53,203-132,713	19,961	10,501-29,422
1990	307956	285090	91,350	52,084-130,616	25,798	15,102-36,495
1991	306647	279389	89,999	51,231-128,768	8,681	3,715-13,647
1992	303007	272546	88,797	50,391-127,203	8,887	4,129-13,645
1993	297185	271370	88,626	50,278-126,974	5,635	2,421-8,850
1994	289429	276886	88,044	49,981-126,107	13,092	7,658-18,526
1995	281595	268573	86,757	49,188-124,325	21,416	13,484-29,348
1996	275652	258958	84,140	47,409-120,872	2,043	599-3,487
1997	267021	245598	81,208	45,353-117,062	2,483	1,148-3,818
1998	256379	238889	79,241	43,977-114,506	6,733	3,842-9,623
1999	248266	243628	77,759	43,374-112,144	33,340	21,190-45,489
2000	244092	229930	74,571	41,288-107,854	25,635	15,966-35,303
2001	245366	216046	71,066	38,985-103,147	16,523	10,032-23,015
2002	249504	206699	70,426	38,711-102,141	6,878	4,015-9,741
2003	253972	223869	72,244	40,330-104,159	2,907	1,575-4,240
2004	253012	235913	74,192	41,812-106,572	5,991	3,619-8,364
2005	248374	239977	75,200	42,559-107,841	642	196-1,088
2006	239407	233814	74,485	42,022-106,948	1,822	946-2,698
2007	227809	222408	72,609	40,664-104,554	1,317	546-2,088
2008	215332	213512	69,741	38,767-100,714	28,068	17,153-38,982
2009	208149	198689	65,698	35,976-95,419	1,681	661-2,701
2010	199449	183228	60,360	32,091-88,629	16,124	9,224-23,025
2011	194342	168371	57,637	29,961-85,314	5,183	2,603-7,764
2012	189468	178288	54,800	27,815-81,784	3,974	1,652-6,297
2013	184733	168704	53,841	27,015-80,668	46,247	24,209-68,285
2014	190902	172655	53,125	26,509-79,742	3,671	7-7,335
2015	196296	167549	52,001	25,698-78,303	13,067	0-38,041

Table 21. Time-series of base-case population estimates; cont.

Year	Total dead catch (mt)	Rel SPR	~95% interval	Rel exp. rate	~95% interval
1900	50	0.56%	0.25-0.87%	0.01%	0.01-0.02%
1901	77	0.86%	0.38-1.34%	0.02%	0.01-0.03%
1902	106	1.19%	0.52-1.85%	0.03%	0.02-0.04%
1903	133	1.49%	0.66-2.32%	0.03%	0.02-0.05%
1904	162	1.82%	0.80-2.84%	0.04%	0.02-0.06%
1905	145	1.63%	0.72-2.55%	0.04%	0.02-0.05%
1906	130	1.45%	0.64-2.27%	0.03%	0.02-0.05%
1907	114	1.27%	0.56-1.99%	0.03%	0.02-0.04%
1908	98	1.09%	0.48-1.71%	0.02%	0.01-0.04%
1909	142	1.60%	0.70-2.50%	0.04%	0.02-0.05%
1910	188	2.13%	0.93-3.33%	0.05%	0.03-0.07%
1911	232	2.65%	1.16-4.14%	0.06%	0.03-0.08%
1912	277	3.18%	1.39-4.97%	0.07%	0.04-0.10%
1913	322	3.71%	1.62-5.80%	0.08%	0.05-0.12%
1914	367	4.25%	1.86-6.64%	0.10%	0.05-0.14%
1915	411	4.78%	2.09-7.47%	0.11%	0.06-0.15%
1916	1354	15.37%	7.00-23.74%	0.35%	0.20-0.50%
1917	2194	23.76%	11.32-36.21%	0.58%	0.33-0.82%
1918	3158	34.11%	16.67-51.55%	0.84%	0.48-1.20%
1919	1296	14.96%	6.75-23.18%	0.35%	0.20-0.50%
1920	972	10.86%	4.95-16.77%	0.26%	0.15-0.38%
1921	1439	16.10%	7.45-24.75%	0.39%	0.22-0.56%
1922	714	8.31%	3.71-12.90%	0.20%	0.11-0.28%
1923	1656	19.18%	8.84-29.51%	0.46%	0.26-0.66%
1924	1719	19.67%	9.16-30.17%	0.48%	0.27-0.69%
1925	1927	22.38%	10.45-34.32%	0.54%	0.31-0.78%
1926	1513	18.26%	8.30-28.22%	0.43%	0.24-0.62%
1927	2105	24.61%	11.59-37.62%	0.60%	0.34-0.87%
1928	1807	21.12%	9.90-32.34%	0.52%	0.29-0.75%
1929	1986	23.00%	10.92-35.07%	0.58%	0.32-0.84%
1930	2261	26.64%	12.71-40.58%	0.67%	0.37-0.96%
1931	1239	15.09%	6.91-23.26%	0.37%	0.21-0.53%
1932	1417	17.44%	8.04-26.84%	0.43%	0.24-0.62%
1933	1394	17.18%	7.96-26.40%	0.42%	0.24-0.61%
1934	2076	25.37%	12.11-38.63%	0.64%	0.35-0.92%
1935	2666	32.08%	15.75-48.41%	0.83%	0.46-1.19%
1936	1900	24.95%	11.61-38.29%	0.60%	0.33-0.86%
1937	1825	24.61%	11.37-37.85%	0.58%	0.32-0.84%
1938	1676	22.91%	10.54-35.28%	0.54%	0.30-0.78%
1939	2031	27.77%	13.03-42.51%	0.66%	0.37-0.95%
1940	1416	20.04%	9.12-30.95%	0.47%	0.26-0.67%
1941	1540	21.76%	10.05-33.47%	0.51%	0.29-0.74%
1942	2664	35.84%	17.85-53.83%	0.90%	0.50-1.29%

1943	3361	42.69%	22.37-63.00%	1.15%	0.64-1.65%
1944	3638	45.66%	24.37-66.95%	1.26%	0.70-1.82%
1945	4030	50.86%	27.56-74.17%	1.43%	0.79-2.06%
1946	3740	51.08%	26.92-75.24%	1.35%	0.75-1.96%
1947	1914	29.38%	13.87-44.90%	0.71%	0.39-1.02%
1948	2497	36.83%	18.20-55.46%	0.93%	0.51-1.36%
1949	2216	33.48%	16.35-50.61%	0.84%	0.46-1.22%
1950	2049	30.89%	15.10-46.69%	0.79%	0.43-1.15%
1951	3377	47.22%	24.94-69.51%	1.32%	0.73-1.91%
1952	2032	30.88%	15.19-46.57%	0.81%	0.44-1.17%
1953	1669	26.21%	12.62-39.81%	0.67%	0.37-0.97%
1954	2360	35.63%	17.89-53.37%	0.96%	0.53-1.39%
1955	2240	34.13%	16.96-51.30%	0.92%	0.51-1.33%
1956	3578	46.86%	25.16-68.56%	1.48%	0.81-2.14%
1957	2615	38.87%	19.37-58.36%	1.09%	0.60-1.58%
1958	1582	23.46%	10.99-35.93%	0.66%	0.36-0.96%
1959	2288	32.23%	15.48-48.97%	0.95%	0.52-1.38%
1960	2983	39.43%	19.29-59.57%	1.23%	0.67-1.79%
1961	1877	24.90%	11.25-38.54%	0.76%	0.41-1.12%
1962	2791	31.94%	15.02-48.86%	1.11%	0.59-1.63%
1963	1897	21.82%	9.58-34.07%	0.73%	0.38-1.08%
1964	2156	22.61%	9.91-35.30%	0.80%	0.41-1.19%
1965	2047	19.70%	8.64-30.77%	0.72%	0.35-1.09%
1966	1977	17.33%	8.58-26.08%	0.66%	0.32-1.00%
1967	4423	35.32%	19.96-50.69%	1.38%	0.68-2.08%
1968	2829	22.69%	12.39-32.98%	0.82%	0.49-1.15%
1969	5629	42.31%	24.80-59.81%	1.58%	0.95-2.21%
1970	4831	36.17%	20.97-51.37%	1.33%	0.79-1.87%
1971	4101	31.17%	17.33-45.01%	1.11%	0.67-1.56%
1972	7034	49.06%	27.56-70.56%	1.88%	1.09-2.67%
1973	6123	40.57%	23.97-57.16%	1.62%	0.90-2.34%
1974	9045	58.77%	38.10-79.44%	2.35%	1.23-3.48%
1975	15082	85.23%	61.70-108.76%	3.63%	2.32-4.95%
1976	25891	117.19%	93.75-140.63%	6.29%	4.04-8.55%
1977	9293	65.21%	44.10-86.31%	2.39%	1.49-3.28%
1978	12986	85.24%	60.89-109.59%	3.44%	2.14-4.74%
1979	25130	126.41%	102.20-150.61%	6.87%	4.22-9.52%
1980	9594	70.69%	48.41-92.98%	2.57%	1.59-3.56%
1981	12125	82.93%	59.78-106.08%	3.34%	2.07-4.62%
1982	20364	113.86%	89.92-137.81%	5.89%	3.62-8.16%
1983	15901	102.58%	78.01-127.16%	4.61%	2.82-6.41%
1984	15133	101.71%	76.27-127.15%	4.51%	2.74-6.28%
1985	15135	106.34%	80.81-131.87%	4.58%	2.77-6.39%
1986	14206	106.27%	80.60-131.95%	4.49%	2.68-6.31%
1987	13682	106.47%	80.53-132.41%	4.63%	2.72-6.54%

1988	11618	97.48%	71.52-123.45%	4.08%	2.38-5.79%
1989	11131	94.16%	68.19-120.14%	3.90%	2.27-5.53%
1990	9842	86.17%	60.80-111.53%	3.45%	2.00-4.90%
1991	10285	89.73%	63.98-115.47%	3.68%	2.12-5.24%
1992	10104	88.93%	63.18-114.68%	3.71%	2.13-5.29%
1993	8733	81.51%	56.57-106.44%	3.22%	1.84-4.59%
1994	8032	79.67%	54.97-104.37%	2.90%	1.67-4.13%
1995	8382	85.14%	59.75-110.54%	3.12%	1.78-4.46%
1996	8903	91.31%	65.16-117.46%	3.44%	1.95-4.93%
1997	8501	92.05%	65.69-118.41%	3.46%	1.95-4.98%
1998	4641	61.35%	39.90-82.80%	1.94%	1.09-2.80%
1999	7041	85.77%	60.14-111.41%	2.89%	1.63-4.15%
2000	6823	86.80%	60.84-112.77%	2.97%	1.65-4.28%
2001	6249	81.00%	55.67-106.34%	2.89%	1.59-4.19%
2002	4140	57.72%	37.07-78.36%	2.00%	1.10-2.91%
2003	5673	69.88%	46.70-93.07%	2.53%	1.42-3.65%
2004	6088	71.76%	48.28-95.23%	2.58%	1.47-3.69%
2005	6546	76.54%	52.20-100.87%	2.73%	1.56-3.90%
2006	6516	78.11%	53.43-102.79%	2.79%	1.58-3.99%
2007	5500	72.15%	48.30-96.01%	2.47%	1.39-3.56%
2008	6164	83.53%	57.57-109.50%	2.89%	1.61-4.16%
2009	7725	102.91%	74.97-130.85%	3.89%	2.13-5.64%
2010	7276	104.87%	76.37-133.38%	3.97%	2.13-5.81%
2011	6727	104.70%	75.63-133.76%	4.00%	2.10-5.89%
2012	5494	94.99%	65.75-124.24%	3.08%	1.62-4.54%
2013	4305	81.61%	53.55-109.68%	2.55%	1.32-3.78%
2014	4461	82.04%	53.64-110.44%	2.58%	1.34-3.83%
2015	6512	98.68%	68.15-129.21%	3.89%	1.99-5.78%

Table 22. Sensitivity to the removal of the prior on natural mortality. Likelihood values and estimates of natural mortality are reported for the base-case model and a model with no prior on female or male natural mortality.

type	component	lambda	Lnorm prior	No prior
Derived	SBzero		150622.00	149676.00
	current		0.35	0.33
	last years		0.93	0.93
	R0		17197.86	16004.26
Likelihood	-		4979.98	4976.72
	Discard		-78.81	-78.83
	Parm priors	1	3.05	0.00
	Recruitment	1	25.20	26.39
	Survey		-35.84	-35.78
Age	-		3606.27	3605.58
	HKL	1	225.23	225.23
	POT	1	357.40	357.31
	TWL	1	365.82	365.60
	AKSHLF	1	459.70	459.73
	AKSLP	1	222.00	221.96
	NWSLP	1	505.11	505.04
	NWCBO	1	1471.00	1470.72
Disc	-		-78.81	-78.83
	HKL	1	-29.86	-29.86
	POT	1	-25.59	-25.61
	TWL	1	-23.36	-23.36
Length	-		1488.75	1487.96
	HKL	1	264.74	264.65
	POT	1	430.36	430.16
	TWL	1	166.13	165.87
	AKSHLF	1	102.73	102.64
	AKSLP	1	122.92	122.83
	NWSLP	1	109.14	109.12
	NWCBO	1	292.74	292.70
mnwt	-		-28.64	-28.61
	HKL	1	-4.39	-4.40
	POT	1	-14.61	-14.62
	TWL	1	-9.64	-9.59
Surv	-		-35.84	-35.78
	ENV		301.96	329.81
	AKSHLF	1	-3.20	-3.22
	AKSLP	1	-5.68	-5.68
	NWSLP	1	-6.52	-6.55
	NWCBO	1	-20.44	-20.33
Parameter	*M* fem		0.08	0.07
	M male		0.06	0.06

Table 23. Comparison among sensitivity results to the inclusion of environmental indices.

type	component	likelihood	Basemodel	SSH	Zooplankton
Derived	SBzero		150622.00	109943.00	152335.00
	current depletion		0.35	0.39	0.36
	last years SPRratio		0.93	0.94	0.94
	R0		17197.86	13440.26	17136.57
Likelihood	-		4979.98	5068.06	5073.06
	Discard		-78.81	-78.90	-78.49
	Parm priors	1	3.05	2.52	3.18
	Recruitment	1	25.20	34.63	28.73
	Survey		-35.84	11.73	-9.52
Age	-		3606.27	3621.04	3643.25
	HKL	1	225.23	227.63	226.73
	POT	1	357.40	360.87	357.96
	TWL	1	365.82	366.83	368.76
	AKSHLF	1	459.70	469.47	466.08
	AKSLP	1	222.00	224.96	240.81
	NWSLP	1	505.11	506.88	512.19
	NWCBO	1	1471.00	1464.40	1470.72
Disc	-		-78.81	-78.90	-78.49
	HKL	1	-29.86	-29.86	-29.87
	POT	1	-25.59	-25.59	-25.39
	TWL	1	-23.36	-23.45	-23.24
Length	-		1488.75	1503.33	1513.00
	HKL	1	264.74	263.69	264.77
	POT	1	430.36	429.42	427.78
	TWL	1	166.13	170.56	167.53
	AKSHLF	1	102.73	101.40	104.17
	AKSLP	1	122.92	123.05	134.17
	NWSLP	1	109.14	109.56	112.52
	NWCBO	1	292.74	305.65	302.05
mnwt	-		-28.64	-26.28	-27.08
	HKL	1	-4.39	-4.36	-4.34
	POT	1	-14.61	-14.25	-14.37
	TWL	1	-9.64	-7.67	-8.37
Surv	-		-35.84	11.73	-9.52
	ENV		301.96	47.17	24.92
	AKSHLF	1	-3.20	-2.82	-3.00
	AKSLP	1	-5.68	-5.74	-5.50
	NWSLP	1	-6.52	-6.40	-6.51
	NWCBO	1	-20.44	-20.49	-19.43
Parameter	LN R0		9.75	9.51	9.75
	Steepness		0.60	0.60	0.60
	M fem		0.08	0.08	0.07
	M mal		0.06	0.07	0.06

Table 24. Comparison among sensitivity results to fixed values of female natural mortality (*M*).

type	component	0.0675	0.0725	0.0775	0.0825	0.0875	0.0925
Derived	SBzero	145970.00	148421.00	151987.00	157514.00	167524.00	184979.00
	current depletion	0.30	0.33	0.36	0.39	0.43	0.47
	last years SPRratio	0.92	0.93	0.94	0.95	0.95	0.95
	R0	14166.85	15912.18	17912.25	20319.78	23566.94	28279.71
Likelihood	-	4981.26	4980.18	4980.03	4980.71	4982.10	4984.09
	Discard	-78.87	-78.84	-78.80	-78.75	-78.71	-78.66
	Parm priors	4.09	3.43	2.86	2.38	1.97	1.61
	Recruitment	28.50	26.25	24.78	24.04	23.89	24.23
	Survey	-35.72	-35.80	-35.86	-35.91	-35.95	-35.97
Age	-	3604.98	3605.74	3606.56	3607.45	3608.45	3609.56
	HKL	225.30	225.26	225.21	225.14	225.05	224.94
	POT	357.51	357.44	357.39	357.36	357.38	357.43
	TWL	365.32	365.66	365.89	366.01	366.08	366.12
	AKSHLF	459.72	459.70	459.71	459.75	459.81	459.90
	AKSLP	221.88	221.95	222.04	222.15	222.27	222.40
	NWSLP	505.08	505.09	505.13	505.20	505.32	505.48
	NWCBO	1470.17	1470.64	1471.20	1471.83	1472.53	1473.29
Disc	-	-78.87	-78.84	-78.80	-78.75	-78.71	-78.66
	HKL	-29.86	-29.86	-29.86	-29.86	-29.86	-29.85
	POT	-25.64	-25.61	-25.59	-25.56	-25.54	-25.52
	TWL	-23.37	-23.36	-23.35	-23.34	-23.31	-23.29
Length	-	1486.85	1488.00	1489.13	1490.20	1491.17	1492.07
	HKL	264.51	264.64	264.80	264.96	265.14	265.32
	POT	429.91	430.17	430.45	430.72	430.98	431.21
	TWL	165.70	165.96	166.21	166.42	166.61	166.77
	AKSHLF	102.43	102.61	102.79	102.97	103.14	103.30
	AKSLP	122.74	122.85	122.95	123.05	123.14	123.22
	NWSLP	108.95	109.07	109.17	109.26	109.32	109.36
	NWCBO	292.61	292.69	292.76	292.82	292.87	292.89
mnwt	-	-28.56	-28.61	-28.66	-28.69	-28.73	-28.75
	HKL	-4.40	-4.40	-4.39	-4.38	-4.37	-4.36
	POT	-14.63	-14.62	-14.60	-14.59	-14.59	-14.58
	TWL	-9.53	-9.60	-9.66	-9.72	-9.77	-9.82
Surv	-	-35.72	-35.80	-35.86	-35.91	-35.95	-35.97
	ENV	368.10	326.19	291.42	273.69	264.90	258.17
	AKSHLF	-3.22	-3.21	-3.19	-3.16	-3.12	-3.08
	AKSLP	-5.68	-5.68	-5.68	-5.67	-5.67	-5.66
	NWSLP	-6.56	-6.54	-6.52	-6.49	-6.46	-6.43
	NWCBO	-20.27	-20.37	-20.48	-20.58	-20.69	-20.79
Parameter	*M* fem	0.07	0.07	0.08	0.08	0.09	0.09

Table 25. Comparison among sensitivity results to fixed values of equilibrium recruitment (R_0).

type	component	9.7	9.8	9.9	10	10.1	10.2	10.3
Derived	SB_0	146139.	154723.00	163877.00	174434.00	186682.00	200749.00	216746.00
	Depletion	0.34	0.36	0.39	0.42	0.45	0.48	0.51
	SPRratio	0.93	0.94	0.95	0.95	0.95	0.95	0.94
	R0	16317.61	18033.74	19930.37	22026.47	24343.01	26903.19	29732.62
Likelihood	-	4980.03	4980.02	4980.32	4980.82	4981.44	4982.09	4982.75
	Parm prior	3.16	2.95	2.75	2.59	2.45	2.34	2.25
	Recruits	25.72	24.79	24.16	23.74	23.47	23.28	23.16
Age	-	3605.9	3606.58	3607.21	3607.85	3608.48	3609.08	3609.64
	HKL	225.24	225.22	225.20	225.18	225.16	225.15	225.14
	POT	357.37	357.43	357.46	357.51	357.56	357.62	357.68
	TWL	365.65	365.96	366.15	366.31	366.45	366.58	366.69
	AKSHLF	459.66	459.75	459.87	460.00	460.13	460.25	460.37
	AKSLP	222.00	222.01	222.04	222.08	222.12	222.16	222.19
	NWSLP	505.14	505.07	504.99	504.92	504.86	504.81	504.77
	NWCBO	1470.8	1471.14	1471.49	1471.85	1472.19	1472.51	1472.80
Disc	-	-78.82	-78.80	-78.77	-78.74	-78.72	-78.69	-78.67
	HKL	-29.86	-29.86	-29.86	-29.85	-29.85	-29.85	-29.85
	POT	-25.60	-25.59	-25.57	-25.55	-25.54	-25.53	-25.52
	TWL	-23.36	-23.36	-23.35	-23.34	-23.32	-23.31	-23.30
Length	-	1488.5	1488.98	1489.44	1489.84	1490.20	1490.52	1490.80
	HKL	264.74	264.75	264.79	264.85	264.92	265.00	265.08
	POT	430.31	430.39	430.48	430.57	430.66	430.75	430.83
	TWL	166.06	166.19	166.28	166.33	166.37	166.39	166.41
	AKSHLF	102.64	102.81	102.99	103.14	103.27	103.38	103.47
	AKSLP	122.89	122.94	123.00	123.06	123.11	123.15	123.18
	NWSLP	109.14	109.14	109.13	109.12	109.11	109.10	109.08
	NWCBO	292.72	292.75	292.78	292.78	292.77	292.76	292.74
mnwt	-	-28.63	-28.65	-28.66	-28.66	-28.66	-28.66	-28.66
	HKL	-4.40	-4.39	-4.37	-4.36	-4.35	-4.34	-4.34
	POT	-14.61	-14.61	-14.60	-14.60	-14.59	-14.59	-14.59
	TWL	-9.62	-9.66	-9.69	-9.71	-9.72	-9.73	-9.73
Surv	-	-35.84	-35.83	-35.81	-35.79	-35.78	-35.77	-35.76
	ENV	321.20	287.71	276.71	273.68	272.35	271.68	271.36
	AKSHLF	-3.18	-3.21	-3.23	-3.26	-3.27	-3.29	-3.30
	AKSLP	-5.68	-5.68	-5.68	-5.68	-5.68	-5.68	-5.68
	NWSLP	-6.52	-6.53	-6.54	-6.54	-6.55	-6.55	-6.55
	NWCBO	-20.46	-20.42	-20.36	-20.32	-20.28	-20.25	-20.23
Parameter	SR_LN(R0)	9.70	9.80	9.90	10.00	10.10	10.20	10.30

Table 26. Comparison among sensitivity results to fixed values of steepness (*h*). Depletion and SPR are reported for 2015.

type	component	0.3	0.4	0.5	0.6	0.7	0.8	0.9
Derived	SB_0	205506.0	176039.00	160163.00	150623.00	144403.00	140092.00	136953.00
	depl	0.30	0.32	0.33	0.35	0.36	0.36	0.37
	SPRratio	0.84	0.89	0.92	0.93	0.95	0.95	0.95
	R0	27750.25	21875.66	18915.18	17197.86	16104.11	15358.74	14822.77
Likelihood	-	4980.28	4979.96	4979.93	4979.98	4980.07	4980.18	4980.31
	Parm prior	2.19	2.57	2.84	3.05	3.21	3.35	3.49
	Recruits	22.75	23.85	24.63	25.20	25.62	25.94	26.18
Age	-	3608.32	3607.26	3606.66	3606.27	3606.02	3605.84	3605.71
	HKL	225.46	225.36	225.28	225.23	225.19	225.15	225.12
	POT	358.16	357.80	357.57	357.40	357.28	357.19	357.12
	TWL	366.30	366.06	365.92	365.82	365.76	365.71	365.68
	AKSHLF	459.89	459.78	459.73	459.70	459.69	459.69	459.68
	AKSLP	222.09	222.04	222.02	222.00	222.00	221.99	221.99
	NWSLP	504.77	504.93	505.04	505.11	505.16	505.20	505.23
	NWCBO	1471.65	1471.28	1471.10	1471.00	1470.95	1470.91	1470.89
Disc	-	-78.73	-78.77	-78.80	-78.81	-78.82	-78.83	-78.83
	HKL	-29.86	-29.86	-29.86	-29.86	-29.86	-29.86	-29.86
	POT	-25.54	-25.57	-25.58	-25.59	-25.60	-25.61	-25.61
	TWL	-23.33	-23.34	-23.35	-23.36	-23.36	-23.36	-23.36
Length	-	1490.35	1489.62	1489.12	1488.75	1488.49	1488.29	1488.14
	HKL	265.15	264.95	264.83	264.74	264.68	264.64	264.61
	POT	430.93	430.67	430.48	430.36	430.26	430.19	430.14
	TWL	166.34	166.26	166.19	166.13	166.08	166.05	166.02
	AKSHLF	103.06	102.89	102.79	102.73	102.69	102.66	102.64
	AKSLP	123.06	122.99	122.94	122.92	122.89	122.88	122.87
	NWSLP	109.16	109.15	109.15	109.14	109.14	109.13	109.13
	NWCBO	292.66	292.71	292.73	292.74	292.74	292.74	292.74
mnwt	-	-28.67	-28.66	-28.65	-28.64	-28.64	-28.63	-28.63
	HKL	-4.39	-4.39	-4.39	-4.39	-4.39	-4.39	-4.39
	POT	-14.60	-14.60	-14.61	-14.61	-14.61	-14.61	-14.61
	TWL	-9.68	-9.66	-9.65	-9.64	-9.64	-9.63	-9.63
Surv	-	-35.93	-35.91	-35.88	-35.84	-35.80	-35.78	-35.75
	ENV	302.09	296.74	298.36	301.96	305.16	307.62	309.59
	AKSHLF	-3.00	-3.10	-3.16	-3.20	-3.22	-3.24	-3.26
	AKSLP	-5.66	-5.67	-5.67	-5.68	-5.68	-5.68	-5.68
	NWSLP	-6.44	-6.48	-6.51	-6.52	-6.54	-6.55	-6.55
	NWCBO	-20.83	-20.66	-20.54	-20.44	-20.37	-20.31	-20.26

Table 27. Projection of potential sablefish OFL, ABC, ACL, and estimated spawning biomass (mt) and depletion for the base-case model based on the 40:10 correction to the F_{45}% overfishing limit/target (OFL) and an 8.7% reduction to approximate the P^* approach. Catch allocation used for the forecast reflects the average distribution of fishing intensity among fleets (hook-and-line, pot, and trawl) during 2012-2014.

Year	OFL[1]	ABC[1]	ACL[1]	Spawning biomass	Relative
2015	7,857	7,173	6,512	52,001	34.52 %
2016	8,526	7,784	7,121	54,044	35.88 %
2017	8,050	7,349	7,116	55,001	36.52 %
2018	8,329	7,604	7,419	56,153	37.28 %
2019	8,489	7,751	7,596	56,844	37.74 %
2020	8,648	7,896	7,755	57,185	37.97 %
2021	8,719	7,961	7,823	57,278	38.03 %
2022	8,659	7,905	7,767	57,236	38.00 %
2023	8,592	7,844	7,703	57,173	37.96 %
2024	8,529	7,787	7,645	57,121	37.92 %
2025	8,453	7,717	7,575	57,100	37.91 %
2026	8,369	7,641	7,501	57,114	37.92 %

[1]OFL/ACL values for 2015 and 2016 have already been adopted, and are not based on the results of this assessment.

Table 28. Decision table of 12-year projections for alternate states of nature (columns) and management options (rows) beginning in 2017. The percentiles of the asymptotic distribution are used to describe the relative probabilities among the states of nature. Values of relative SPR that exceed 100% indicate overfish- ing; order is reversed to maintain the 'lower-to-higher' pattern consistent with other quantities, i.e., larger values implying greater relative fishing intensity are reported on the left side of the table. The results of this table are conditioned on the already-specified ACLs for 2015 and 2016 being achieved exactly.

Management alt			State of nature								
			12.5th pctl			Max likelihood est.			87.5th pctl		
	Year	catch	Depl	Rel SPR	SB	Depl	Rel SPR	SB	Depl	Rel SPR	SB
12.5th pctl 40:10 catch	2017	4325	28%	81%	38139	37%	65%	55001	45%	49%	71863
	2018	4666	29%	83%	39567	38%	66%	57218	47%	50%	74870
	2019	4933	30%	84%	40544	39%	67%	59059	48%	50%	77574
	2020	5182	30%	86%	41059	40%	68%	60554	50%	49%	80049
	2021	5357	30%	87%	41196	41%	68%	61775	52%	49%	82353
	2022	5436	30%	89%	41091	42%	69%	62805	53%	48%	84520
	2023	5495	30%	90%	40875	42%	69%	63728	54%	48%	86582
	2024	5537	30%	91%	40616	43%	69%	64580	56%	47%	88543
	2025	5554	30%	92%	40367	43%	70%	65392	57%	47%	90417
	2026	5555	30%	93%	40148	44%	70%	66180	58%	47%	92212
40:10 catch	2017	7116	28%	98%	38139	37%	93%	55001	45%	87%	71863
	2018	7419	29%	100%	39540	37%	93%	56153	45%	86%	72767
	2019	7596	30%	103%	40447	38%	93%	56844	46%	84%	73241
	2020	7755	30%	105%	40803	38%	93%	57185	46%	82%	73566
	2021	7823	30%	107%	40671	38%	93%	57278	46%	80%	73885
	2022	7767	29%	109%	40196	38%	93%	57236	47%	78%	74276
	2023	7703	29%	111%	39548	38%	93%	57173	47%	76%	74798
	2024	7645	28%	113%	38825	38%	93%	57121	48%	74%	75416
	2025	7575	27%	114%	38096	38%	93%	57100	49%	73%	76105
	2026	7501	27%	115%	37390	38%	93%	57114	49%	72%	76838
87.5th pctl 40:10 catch	2017	9906	28%	132%	38139	37%	112%	55001	45%	93%	71863
	2018	10172	28%	134%	37457	37%	113%	55104	45%	93%	72750
	2019	10259	27%	136%	36156	36%	114%	54665	46%	92%	73174
	2020	10328	26%	138%	34408	36%	114%	53890	46%	90%	73373
	2021	10289	24%	140%	32376	35%	114%	52917	46%	89%	73458
	2022	10097	23%	142%	30245	34%	115%	51877	46%	87%	73509
	2023	9912	21%	144%	28174	34%	115%	50886	46%	85%	73599
	2024	9753	20%	146%	26207	33%	115%	49971	46%	84%	73734
	2025	9597	19%	148%	24370	33%	115%	49146	47%	82%	73921
	2026	9447	17%	149%	22650	32%	115%	48403	47%	81%	74155

12 Figures

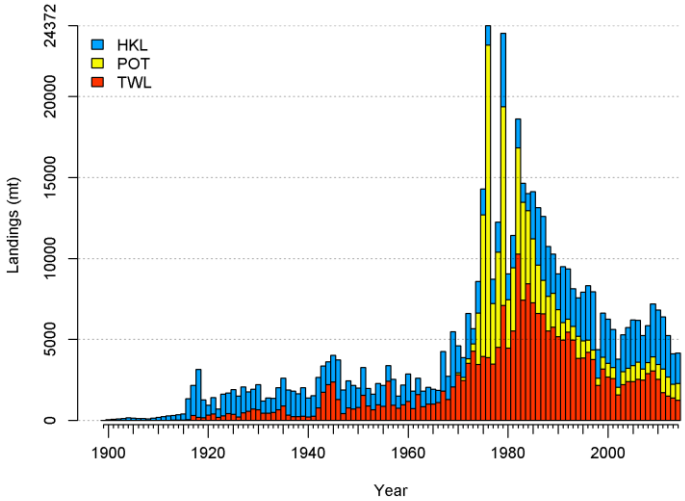

Figure 1. Sablefish landings history, 1900−2014. Fleet names indicate gear type (HKL = Hook-and-line, POT = Pot, and TWL = Trawl). Foreign fleets are included and are largely responsible for the peak landings in 1976 and 1979.

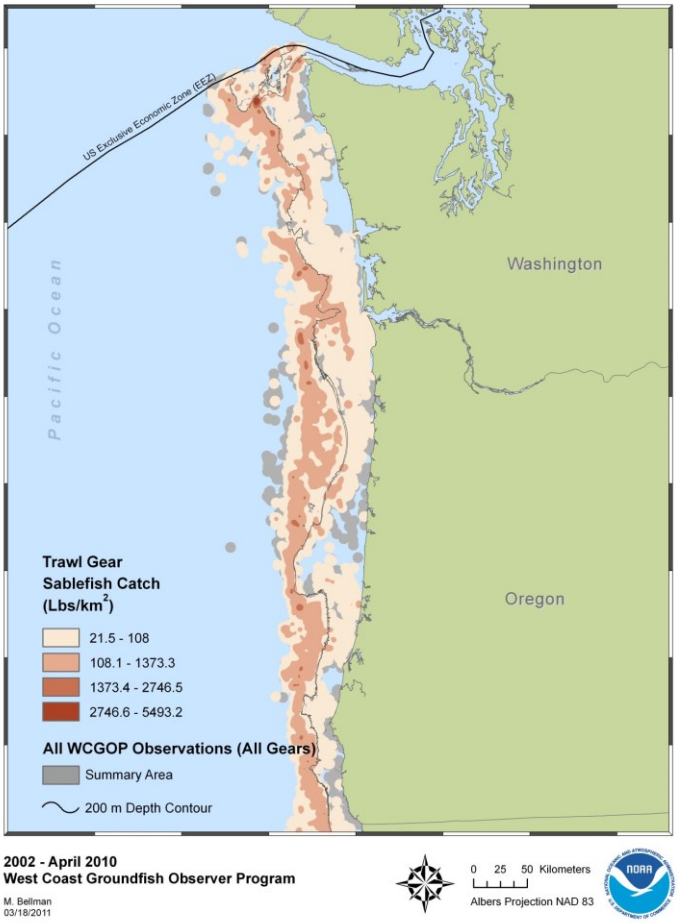

Figure 2. Spatial distribution of sablefish catch by all trawl fisheries (lbs/km^2) observed by the West Coast Groundfish Observer Program from 2002−2010 in Oregon and Washington.

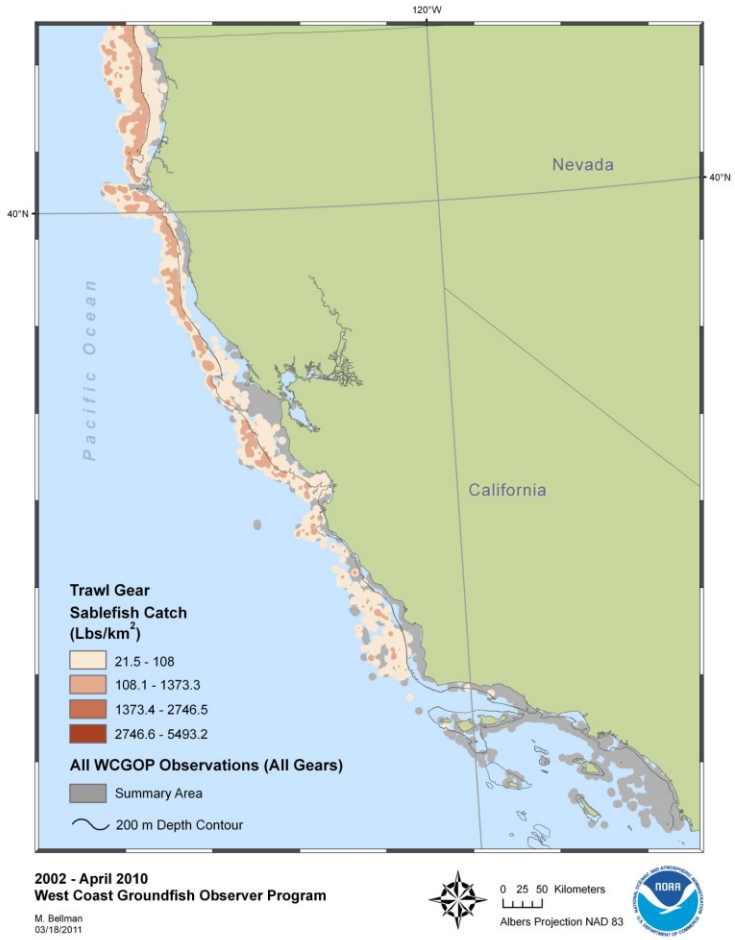

Figure 3. Spatial distribution of sablefish catch by all trawl fisheries (lbs/km^2) observed by the West Coast Groundfish Observer Program from 2002−2010 in California.

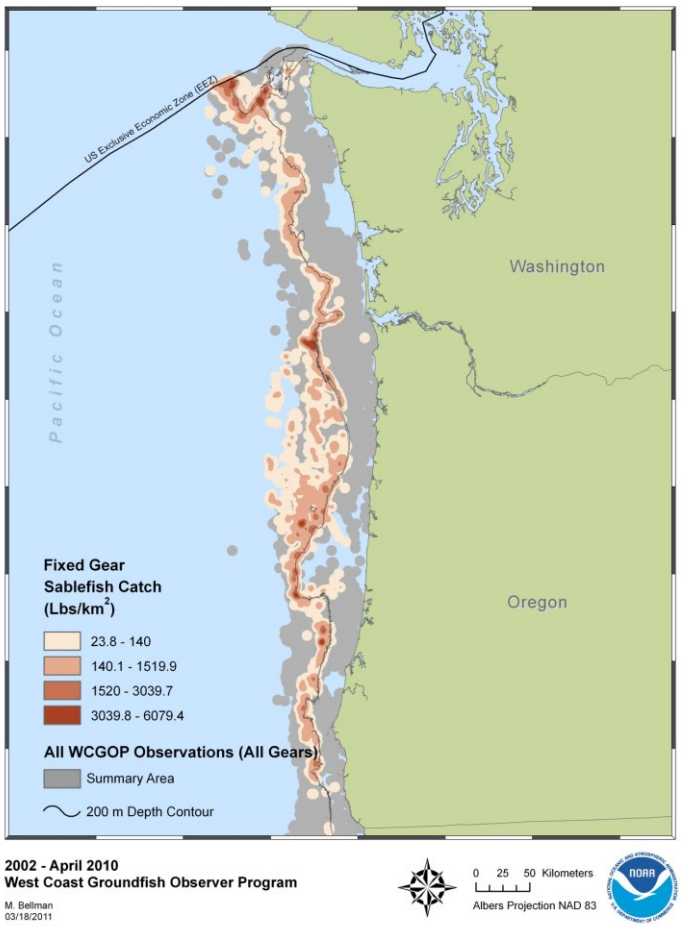

Figure 4. Spatial distribution of sablefish catch by all fixed-gear fisheries (lbs/km^2) observed by the West Coast Groundfish Observer Program from 2002–2010 in Oregon and Washington.

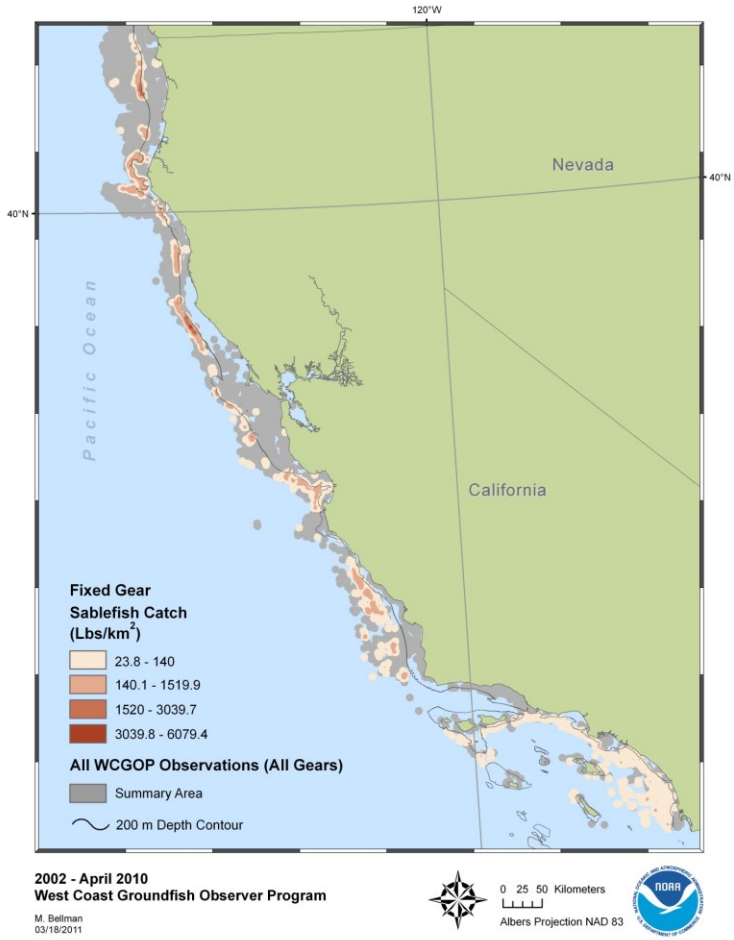

Figure 5. Spatial distribution of sablefish catch by all fixed-gear fisheries (lbs/km^2) observed by the West Coast Groundfish Observer Program from 2002−2010 in California.

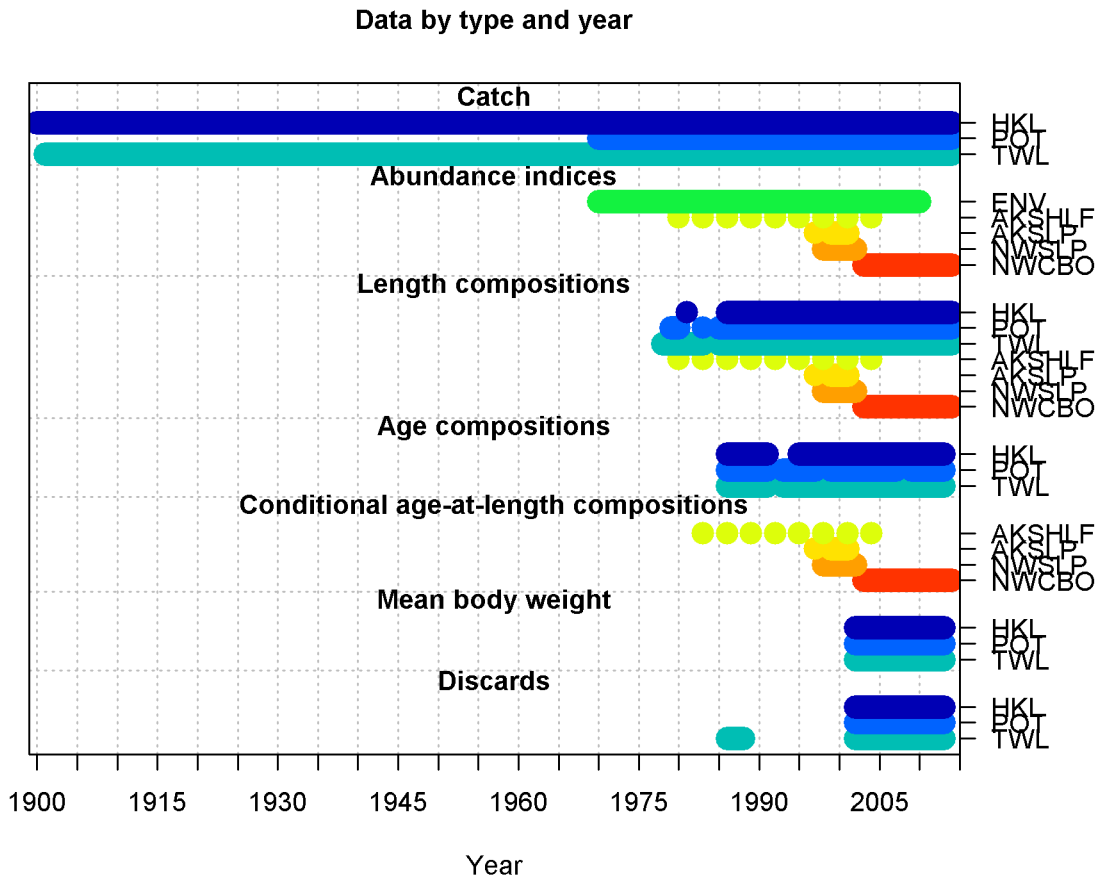

Figure 6. Overview of data sources used in this stock assessment.

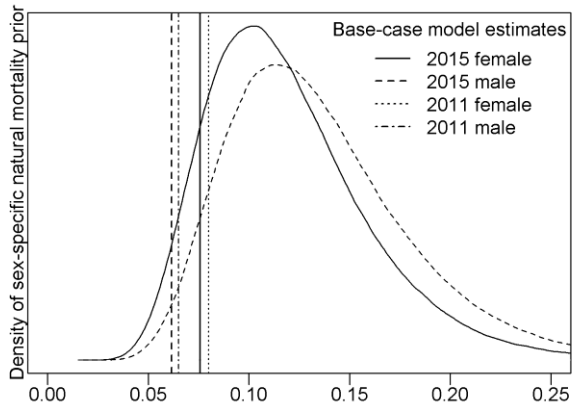

Figure 7. Prior for female (solid line) and male (dashed line) natural mortality (*M*). Vertical lines indicating estimates from the base-case model.

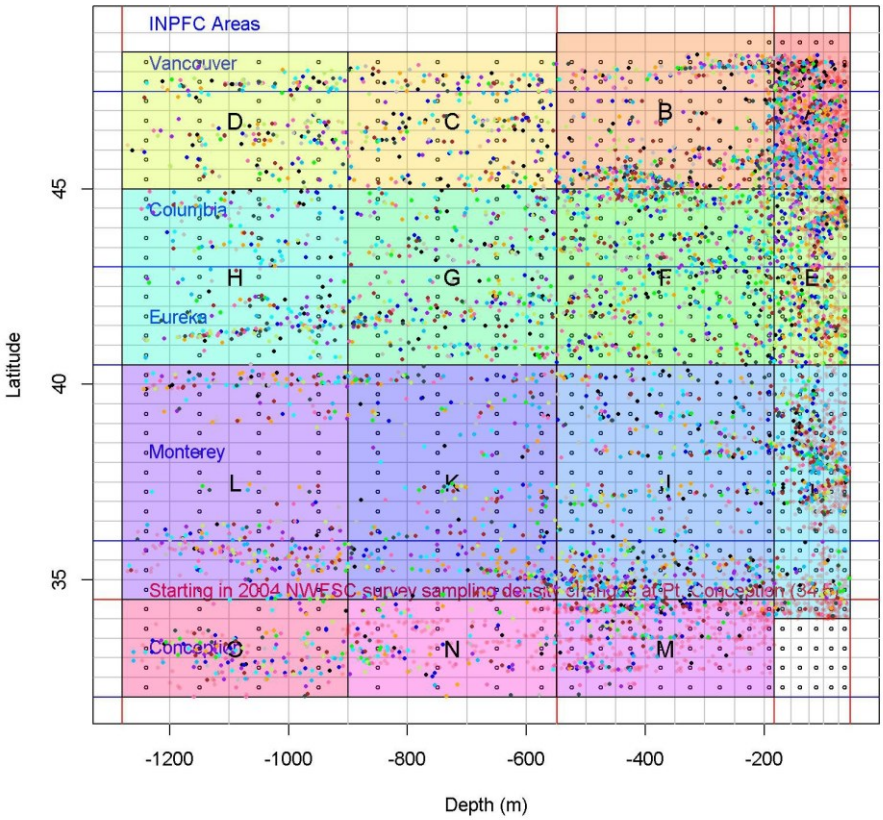

Figure 8. Strata used in the delta-GLMM for the NWFSC Slope-Shelf Survey. Solid circles represent tows with positive values for catches of sablefish in each of the International North Pacific Fisheries Commission areas.

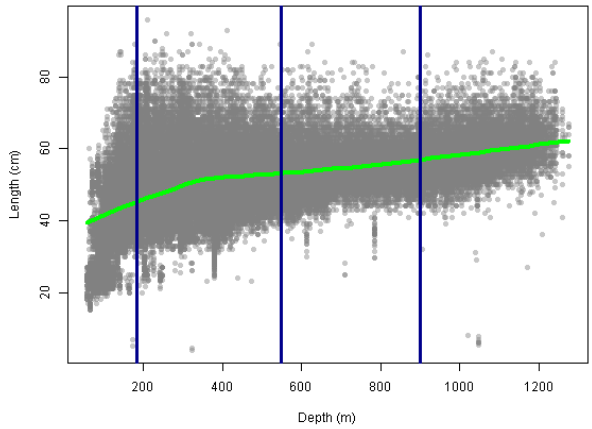

Figure 9. Pattern in size by depth of sablefish captured by the NWFSC Shelf-Slope trawl survey. A loess smoother (green line) has been added to aid in visualizing the central tendency of the data. Vertical lines (blue) indicate strata boundaries.

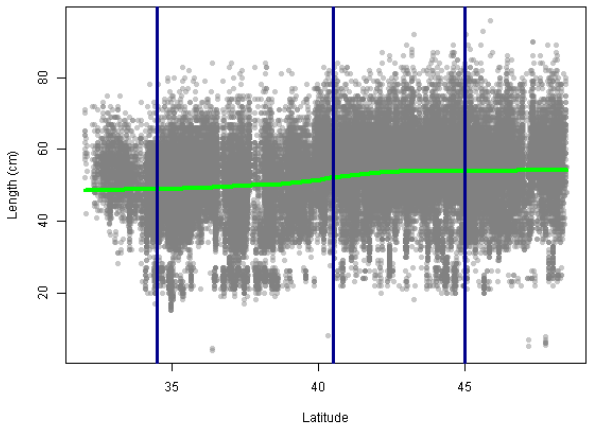

Figure 10. Latitudinal pattern in size of sablefish captured by the NWFSC Shelf-Slope trawl survey. A loess smoother (green line) has been added to aid in visualizing the central tendency of the data. Vertical lines (blue) indicate strata boundaries.

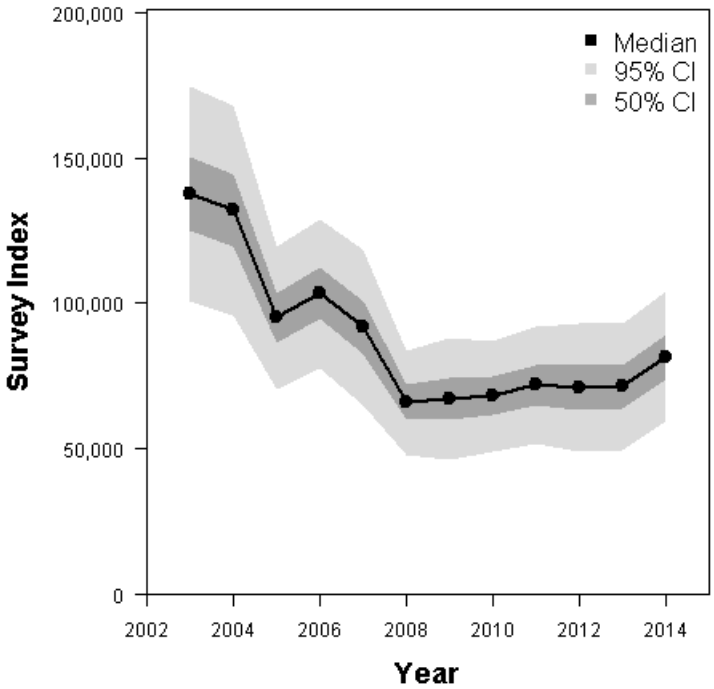

Figure 11. Chosen index of relative abundance for the NWFSC Shelf-Slope survey using data from 2003-2014, with 50 and 95% intervals.

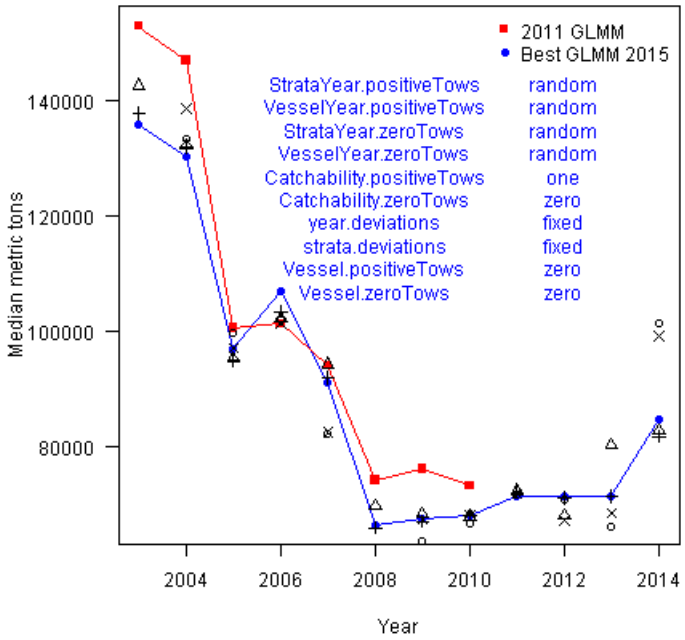

Figure 12. Delta-generalized linear mixed effects model chosen as the best model via deviance information criterion (blue) compared to the 2011 index of relative abundance (red) and other models tested (open shapes). Survey data pertains to the most recent bottom trawl survey from the Northwest Fisheries Science Center.

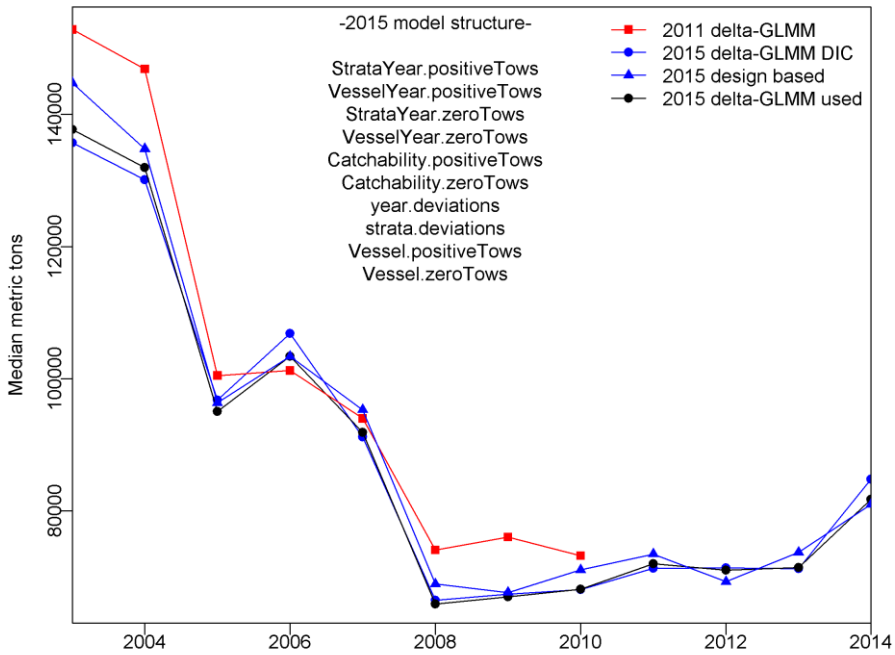

Figure 13. Delta-generalized linear mixed effects model used in this assessment update (black) as it was the model that most closely matched the method used in 2011 (red). The model used for this assessment update and the model with the lowest DIC (blue circles) both match the design based estimates (blue triangles) fairly closely. Survey data pertains to the most recent bottom trawl survey from the Northwest Fisheries Science Center.

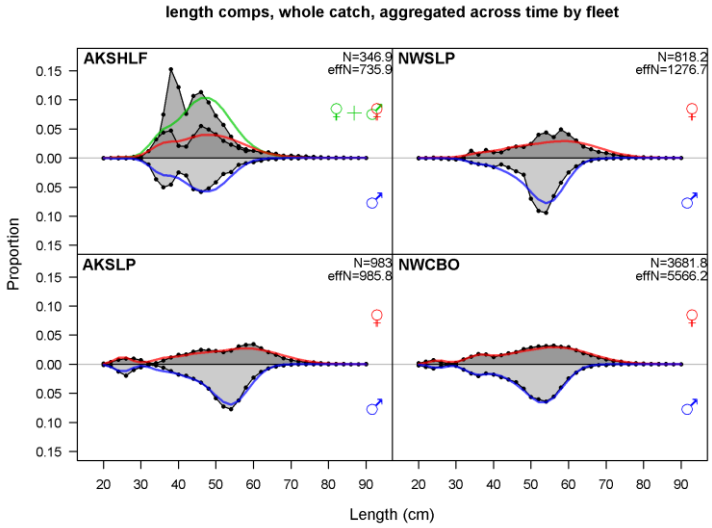

Figure 14. Length-frequency distributions for sablefish aggregated across all years from fishery-independent surveys.

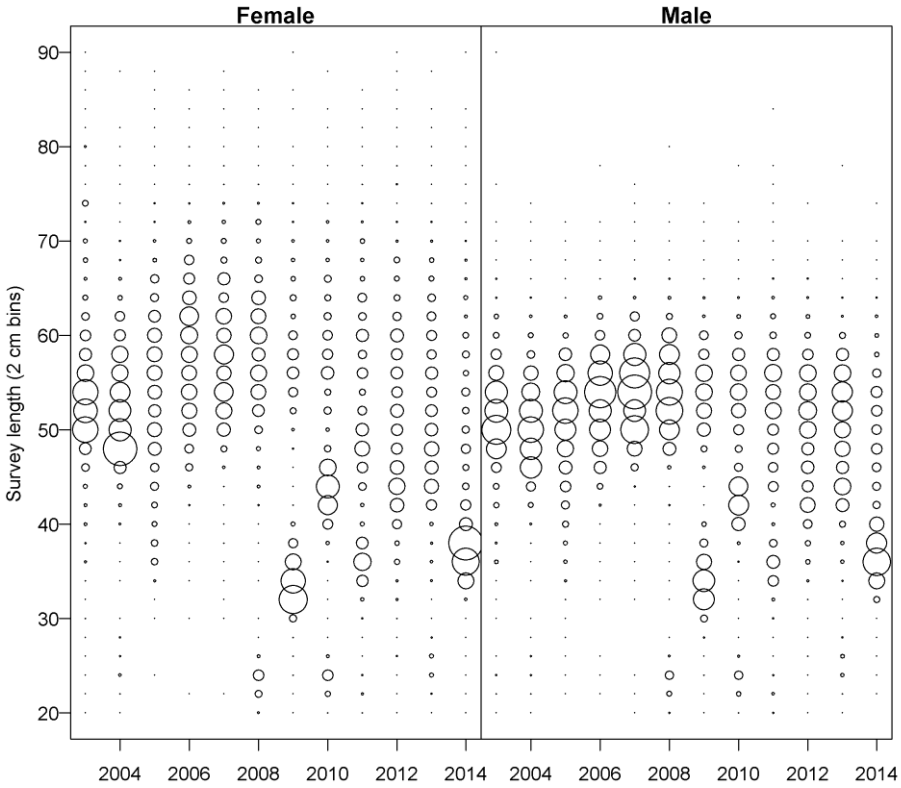

Figure 15. Length-frequency distributions (2 cm size bin) for female (left) and male (right) sablefish from the NWFSC Shelf-Slope survey.

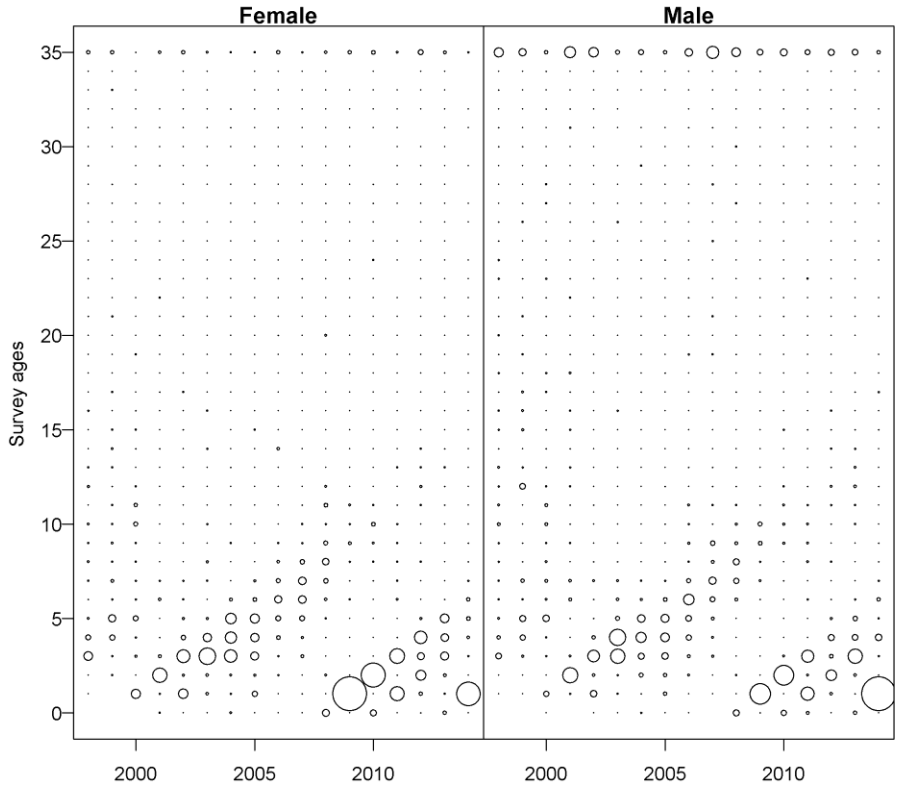

Figure 16. Sex-specific age-frequency distributions for sablefish from the NWFSC bottom trawl survey.

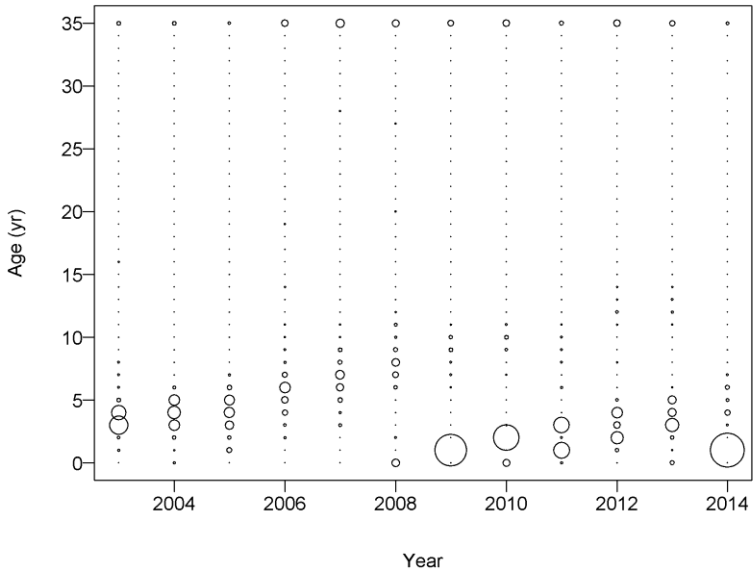

Figure 17. Combined-sex marginal age-frequency distributions for sablefish from the NWFSC Shelf-Slope survey. This summary is for inspection of the data only and is not included in the objective function.

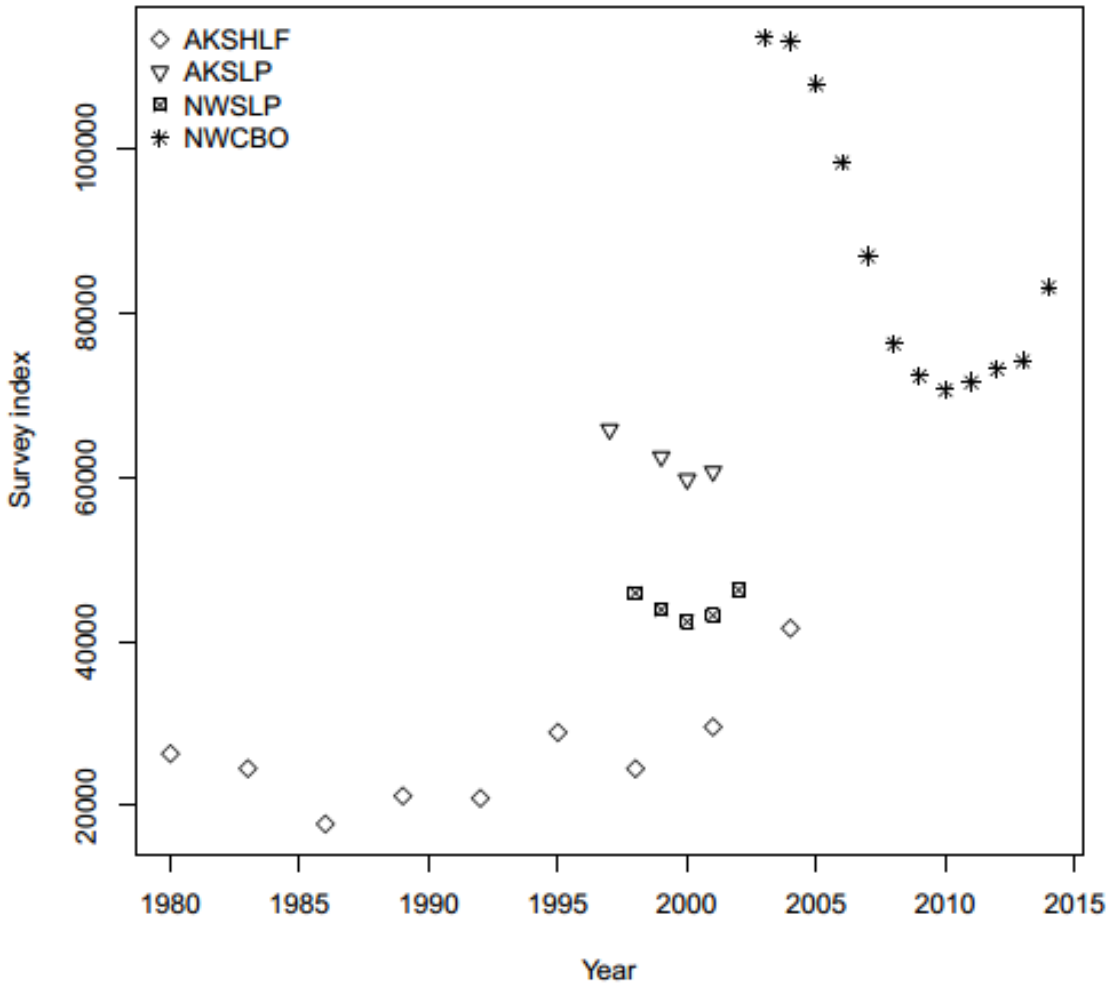

Figure 18. Time series of index of abundance for the NWFSC Shelf-Slope (NWCBO), NWFSC Slope (NWSLP), AKFSC Shelf (AKSHLF), and AKFSC Slope (AKSLP) surveys.

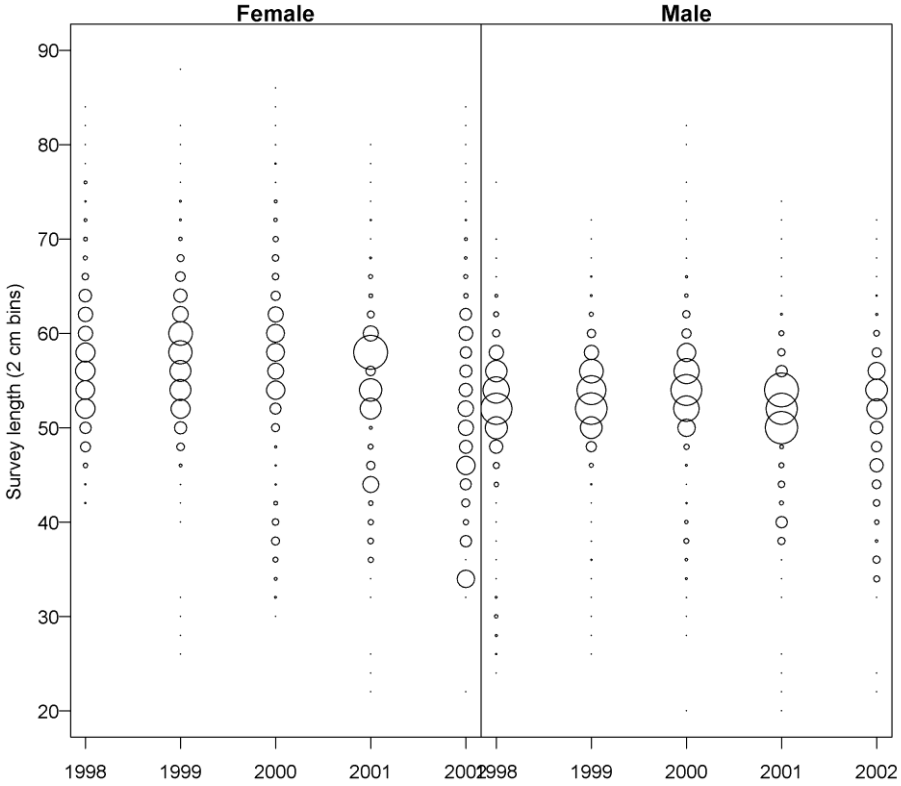

Figure 19. Length-frequency distributions for female (left panel) and male (right panel) sablefish from the NWFSC slope survey.

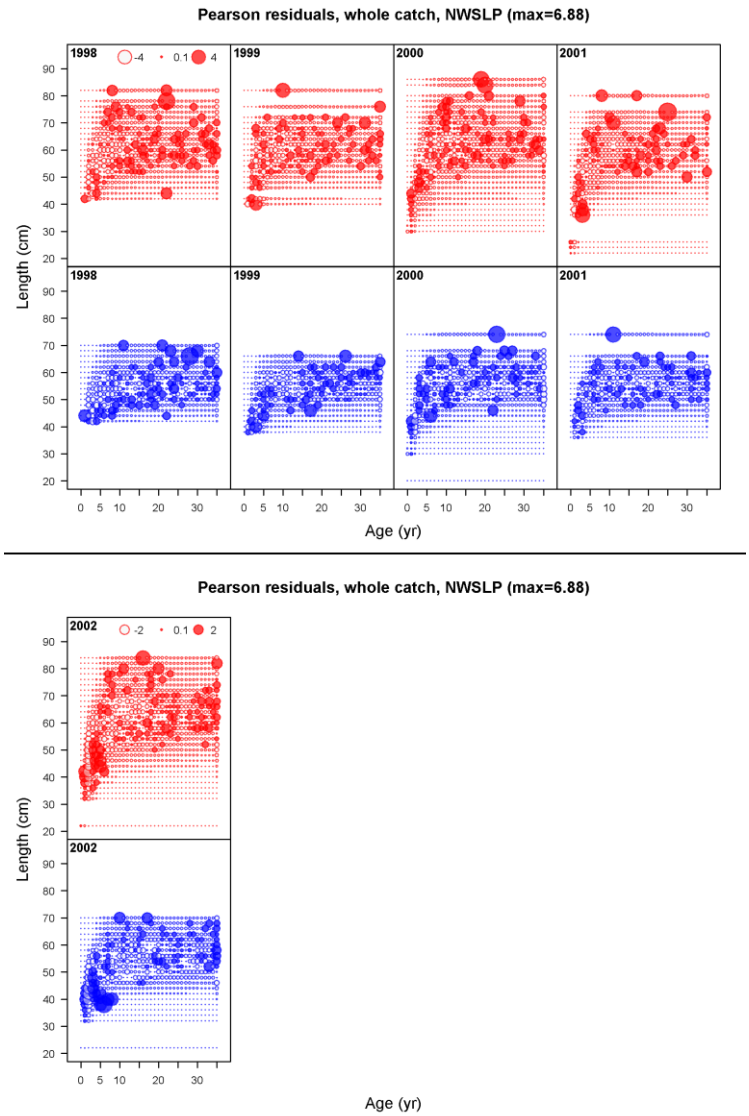

Figure 20. Pearson residuals for the NWFSC Slope survey retained conditional age-frequency data. Filled circles represent positive residuals (*observed* − *expected*) and red and blue represent females and males, respectively.

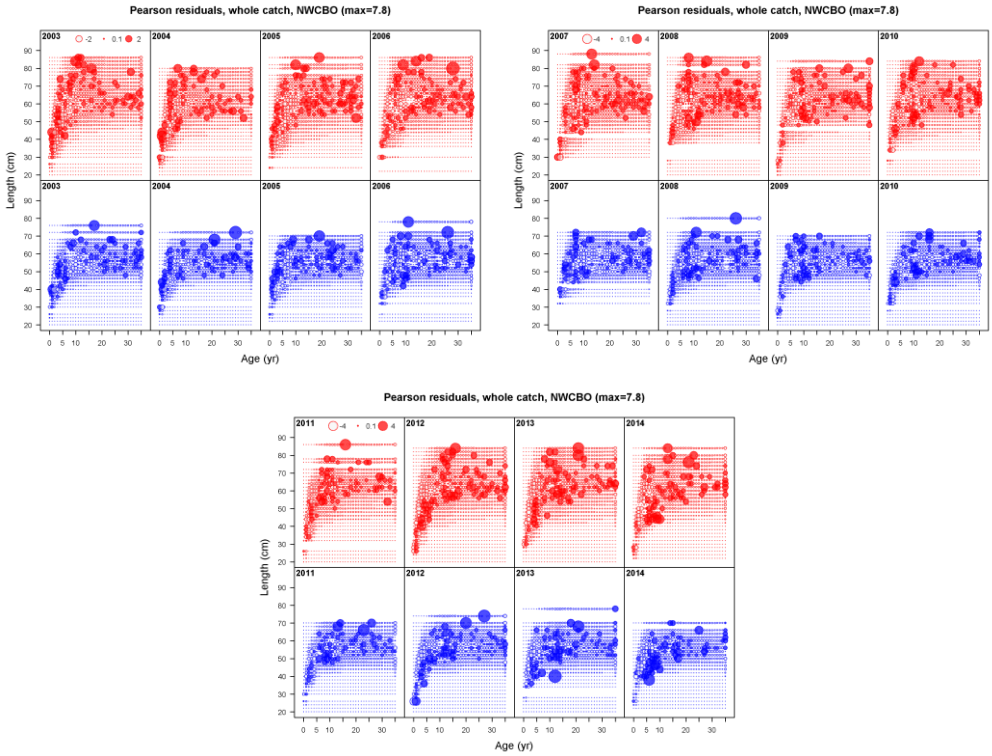

Figure 21. Pearson residuals for the NWFSC Shelf-Slope survey retained conditional age-frequency data. Filled circles represent positive residuals (*observed*−*expected*) and red and blue represent females and males, respectively.

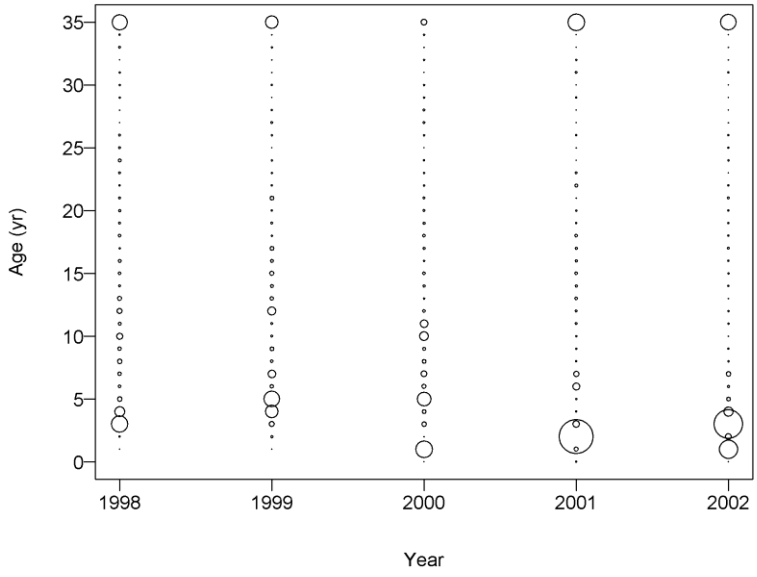

Figure 22. Marginal age-frequency distributions for sablefish from the NWFSC Slope survey. This summary is for inspection of the data only and is not included in the objective function.

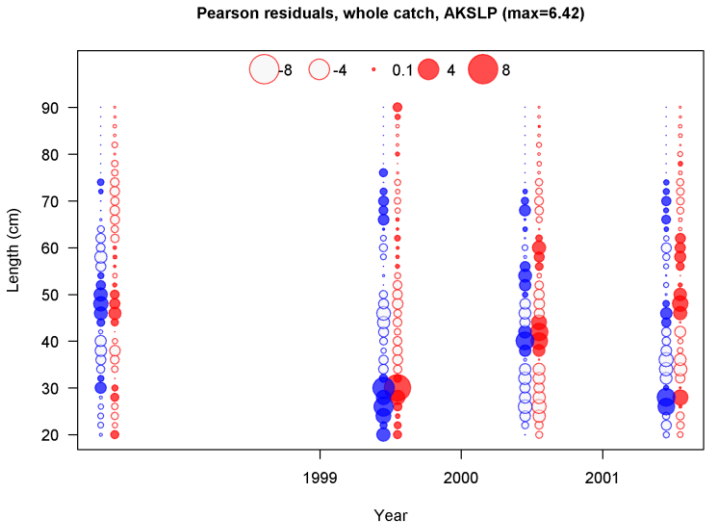

Figure 23. Length-frequency distributions for sablefish from the AFSC slope survey. Red and blue represent females and males, respectively.

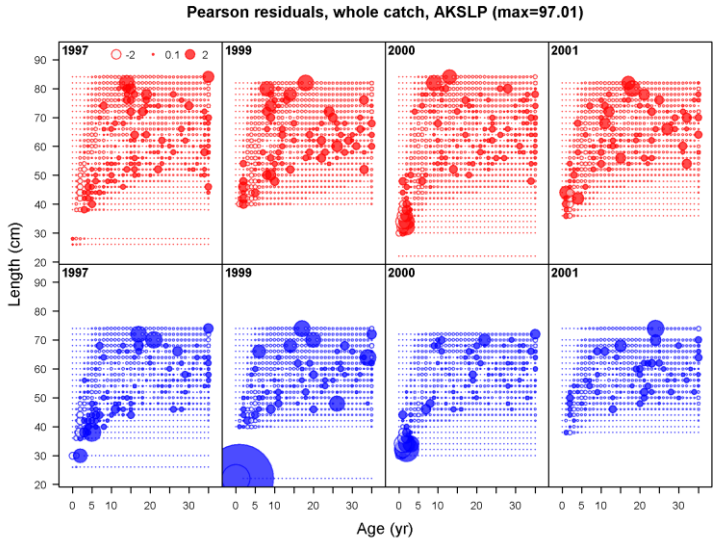

Figure 24. Pearson residuals for the AKFSC slope survey retained conditional age-frequency data. Filled circles represent positive residuals (*observed* − *expected*) and red and blue represent females and males, respectively.

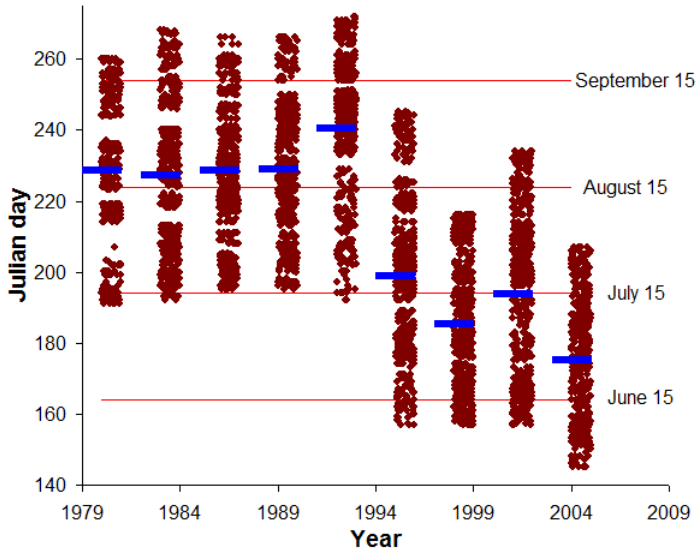

Figure 25. Distribution of dates of operation for the AFSC triennial bottom trawl survey (1980-2004). Solid bars show the mean date for each survey year, points represent individual hauls dates, but are jittered to allow better delineation of the distribution of individual points.

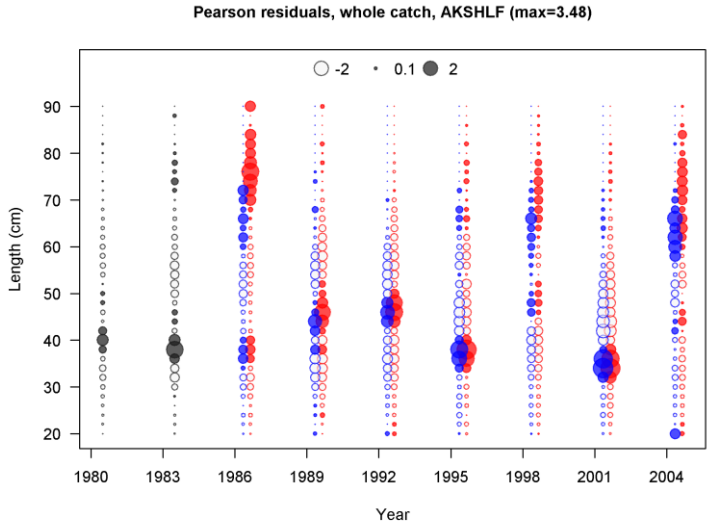

Figure 26. Length-frequency distributions for female (red) and male (blue) sablefish from the AFSC Triennial shelf survey. Black circles represent combined sexes from the early years where samples were unsexed.

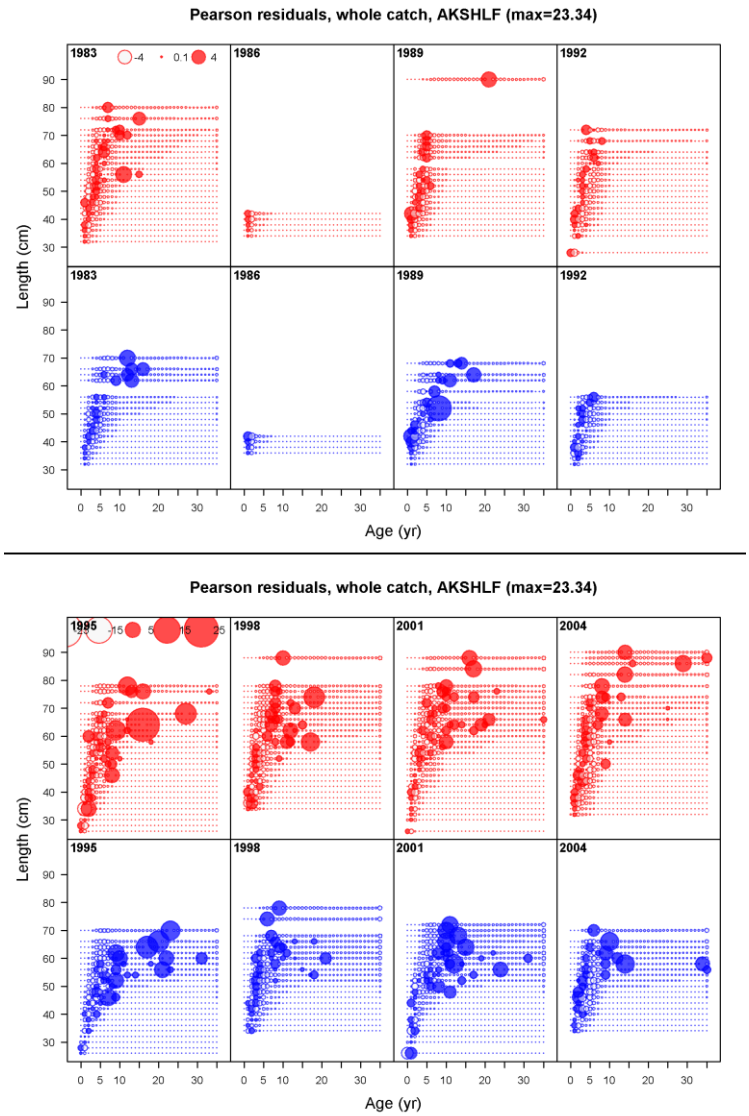

Figure 27. Pearson residuals for the AFSC Triennial shelf survey retained conditional age-frequency data. Filled circles represent positive residuals (*observed*−*expected*) and red and blue represent females and males, respectively.

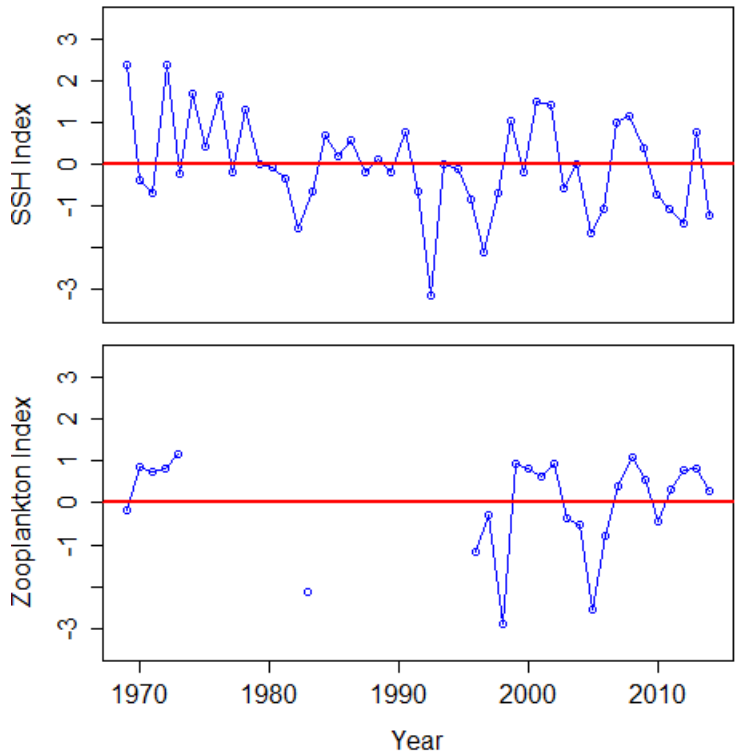

Figure 28. Environmental indices used as indices of recruitment deviations in sensitivity analyses.

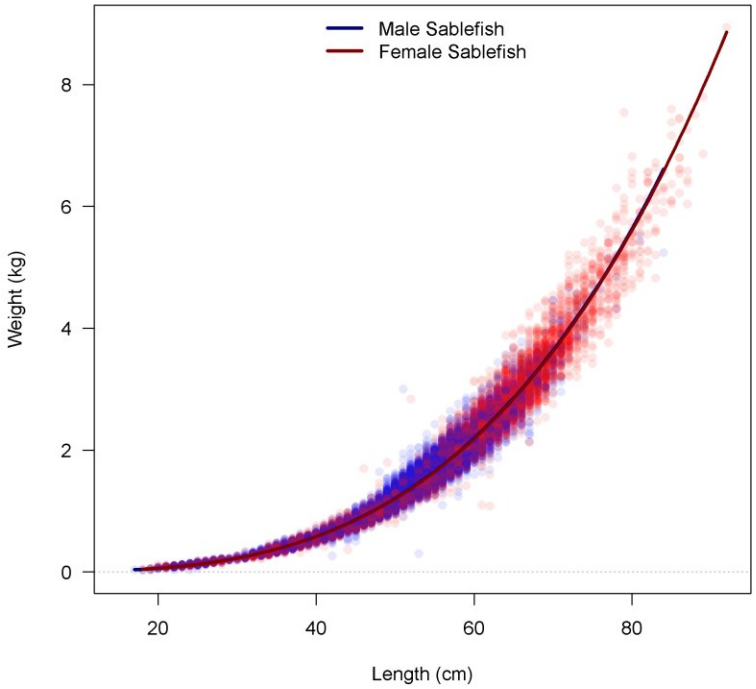

Figure 29. Estimated weight-length relationship for male and female sablefish estimated. Data represent all available commercial and survey length-individual weight observations.

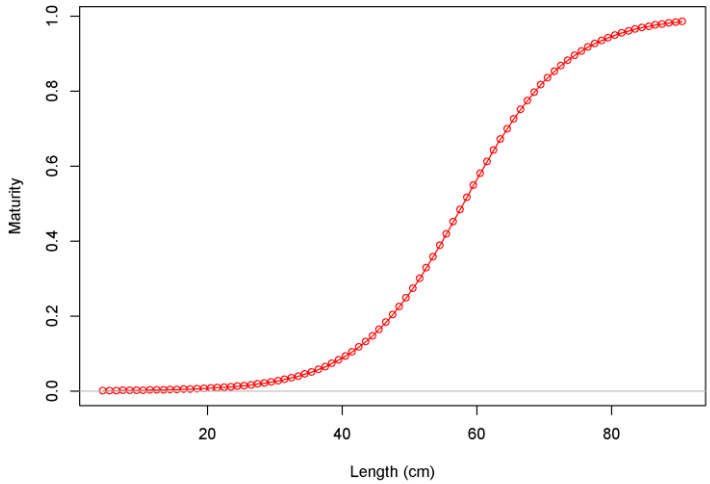

Figure 30. Female maturity curve derived from published studies.

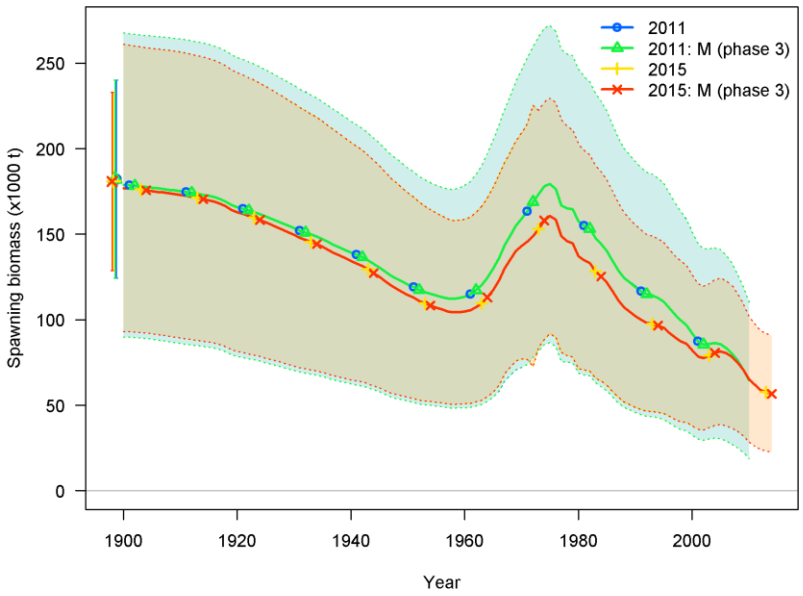

Figure 31. Sensitivity to changing the phase in which natural mortality is estimated. The previous assessment estimated natural mortality in the terminal phase (phase 8), whereas this assessment estimated natural mortality in phase 3.

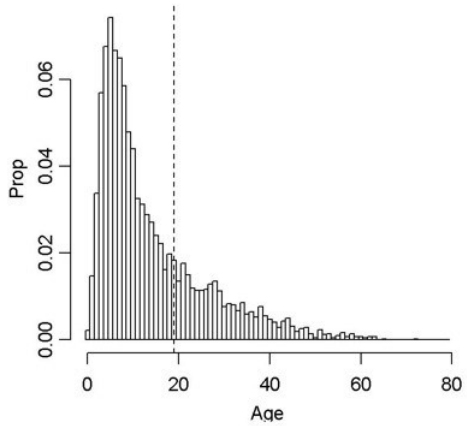

Figure 32. Summary of all age reads included in the analysis of within- and among-aging lab bias and im- precision. Vertical line indicates the AIC-selected maximum age for estimated proportions in the underlying sample.

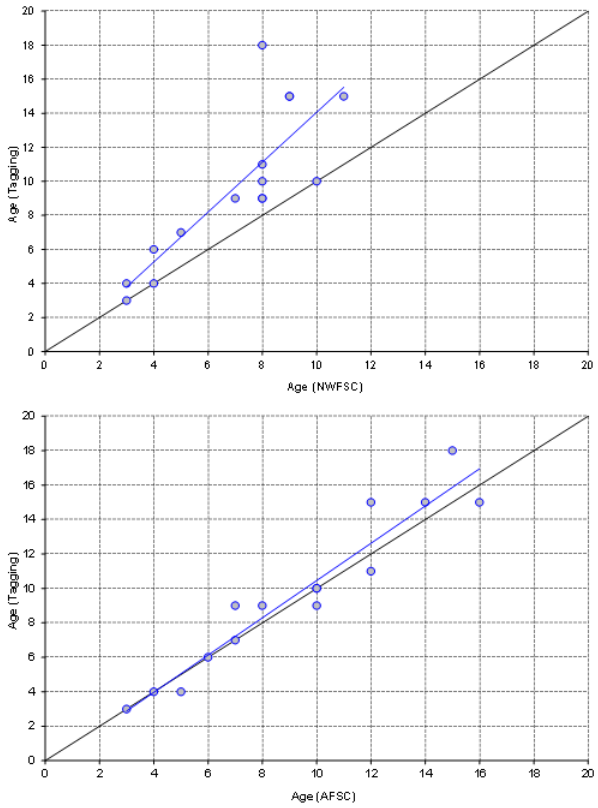

Figure 33. Summary of age reads from tagged sablefish. Full diagonal line indicates the 1:1 relationship and the shorter line indicates the linear fit to age estimates.

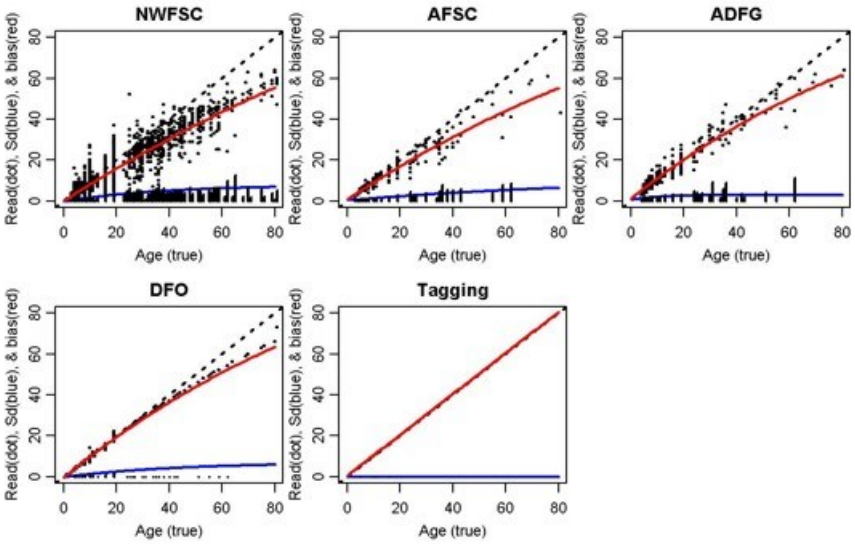

Figure 34. Summary of ageing bias, and imprecision, for various ageing labs used in preliminary modeling. Black points represent observed ages, black bars the observed standard deviation of observed age at estimated true age. Dashed line indicates a 1:1 relationship. Solid lines indicate the predicted observed age at estimated true age (upper red line in each panel) and the predicted standard deviation of observed age at estimated true

age (lower blue line in each panel).

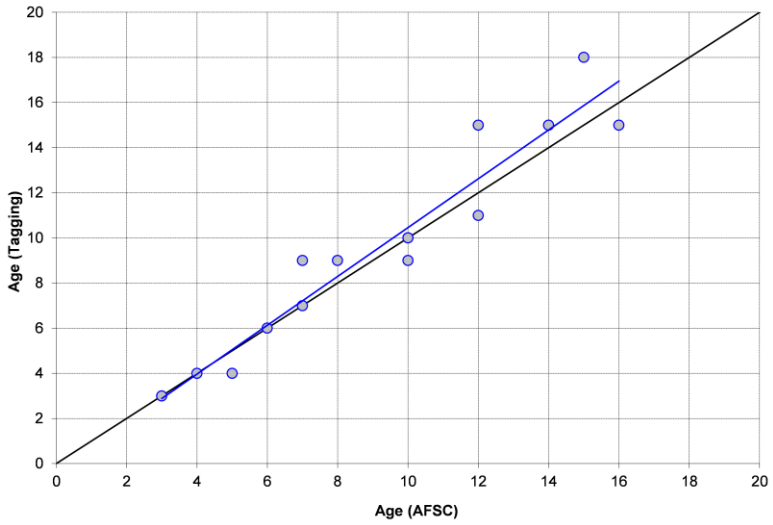

Figure 35. Summary of age reads from west coast sablefish. Diagonal lines for both the 1:1 relationship and a linear fit to age estimates are plotted.

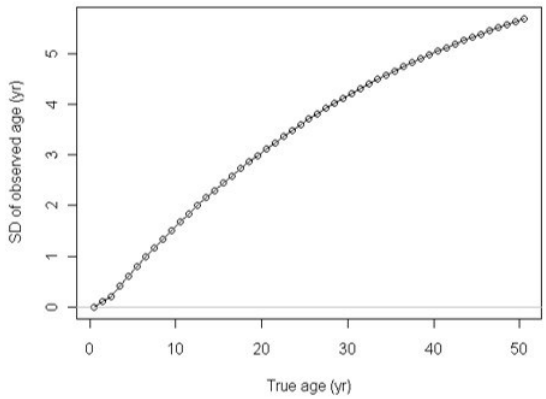

Figure 36. Externally estimated relationship describing the variability of observed age conditioned on true age.

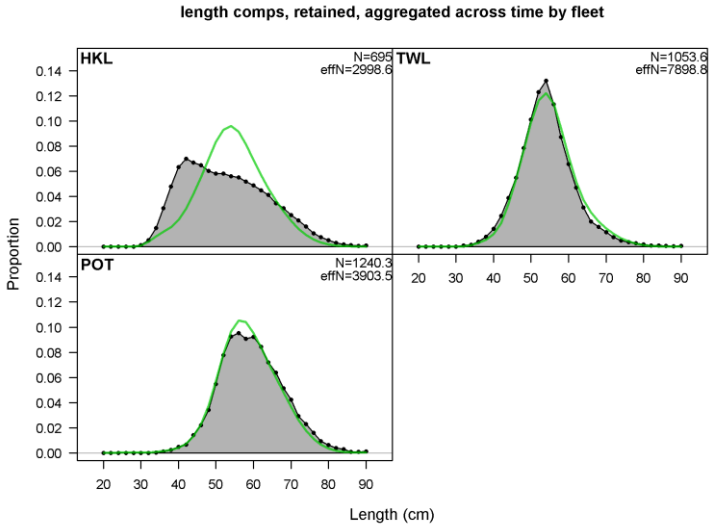

Figure 37. Aggregate length-frequency distributions for sexes-combined sablefish from retained catch sam- pling of commercial fisheries in all years.

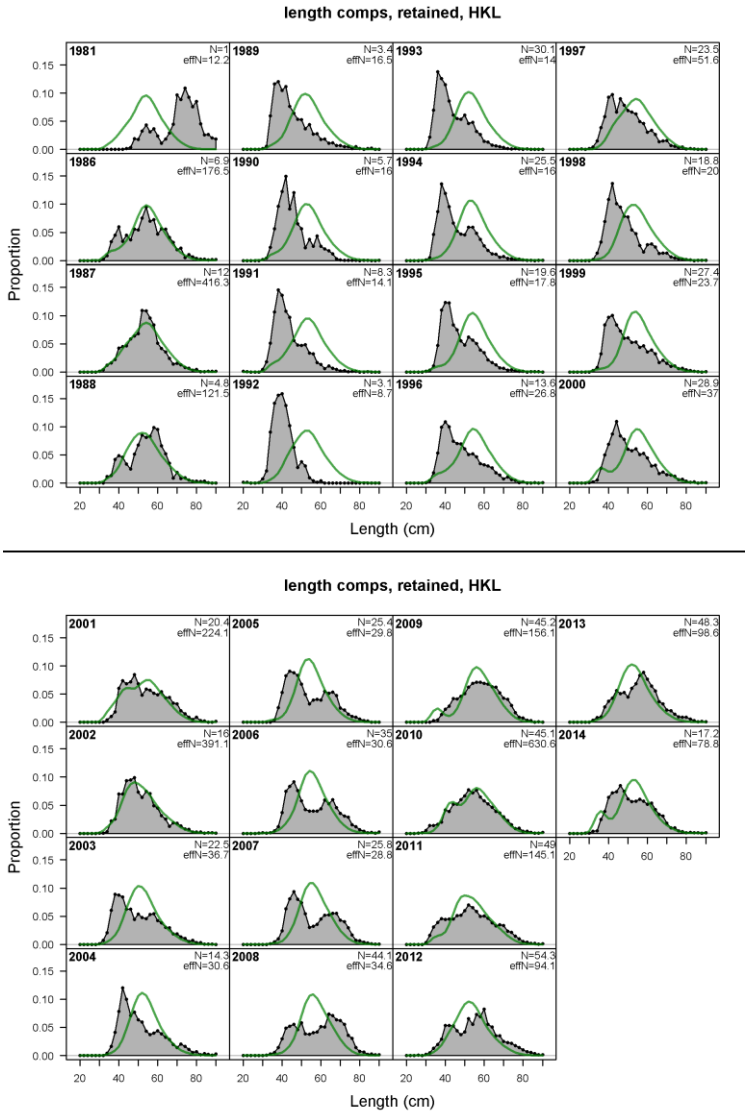

Figure 38. Length-frequency distributions for sexes-combined sablefish from the retained catch in the hook-and-line fishery by year.

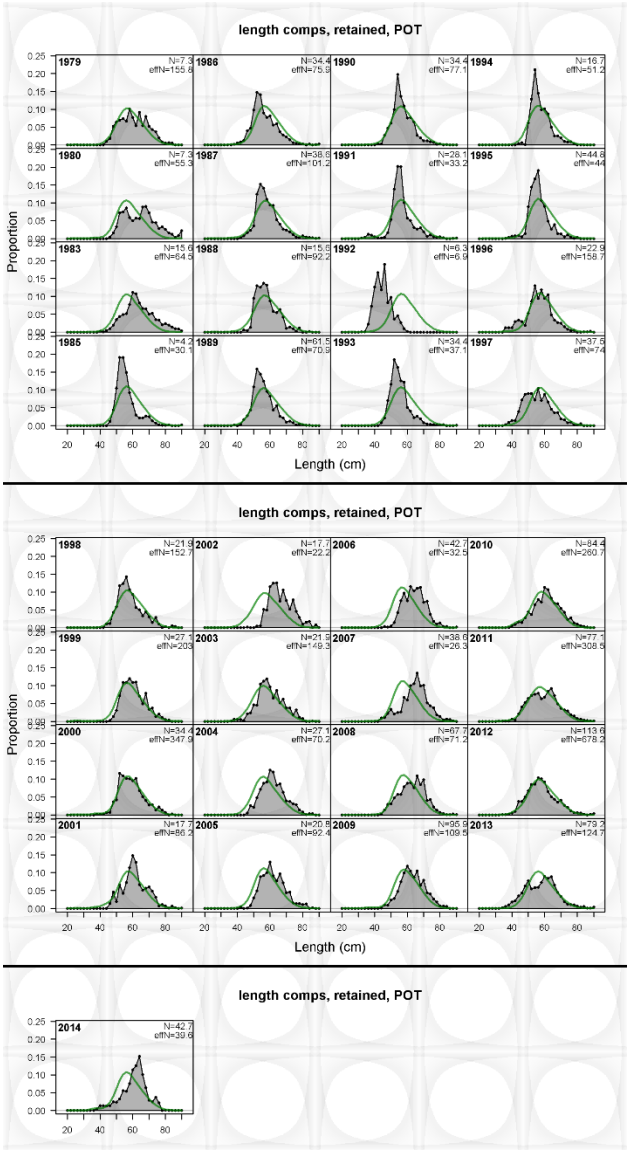

Figure 39. Length-frequency distributions for sexes-combined sablefish from the retained catch in the pot fishery by year.

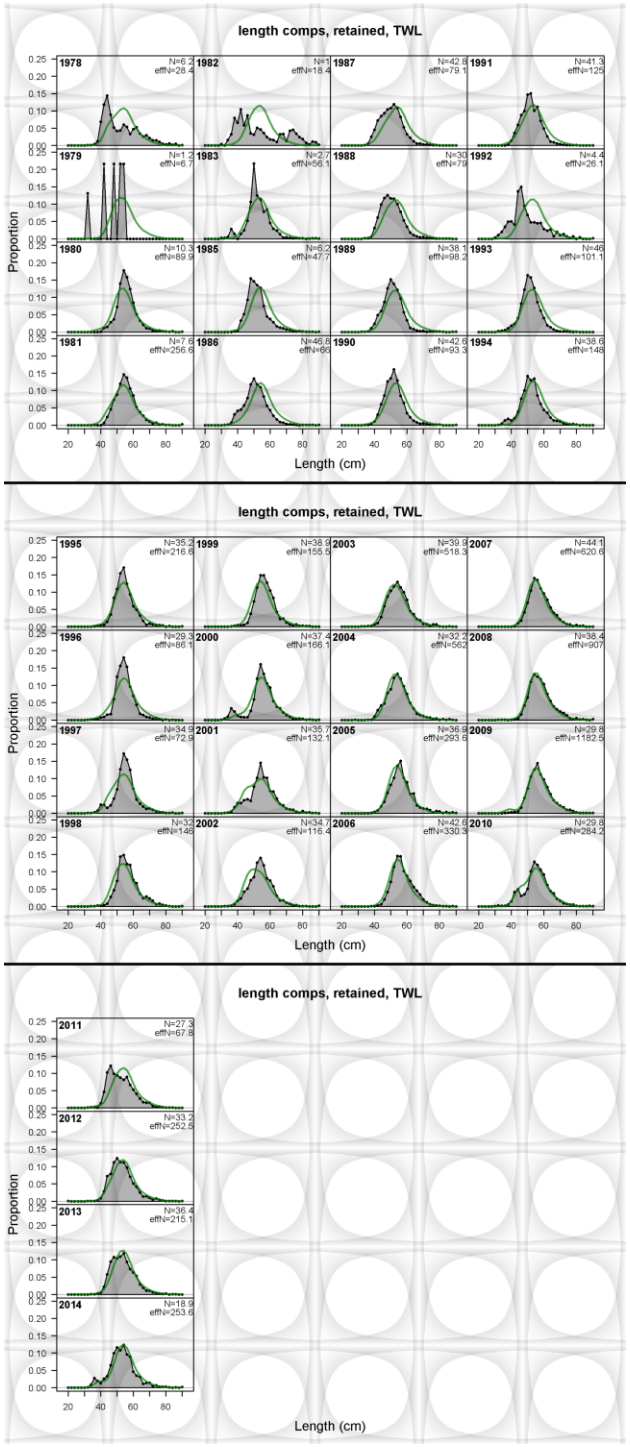

Figure 40. Length-frequency distributions for sexes-combined sablefish from the retained catch in the trawl fishery by year.

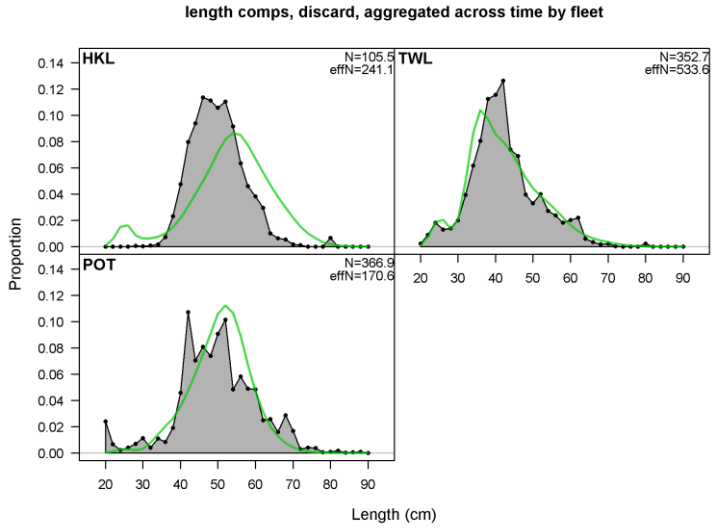

Figure 41. Aggregate length-frequency distributions for sexes-combined sablefish from discarded catch sam- pling of commercial fisheries in all years.

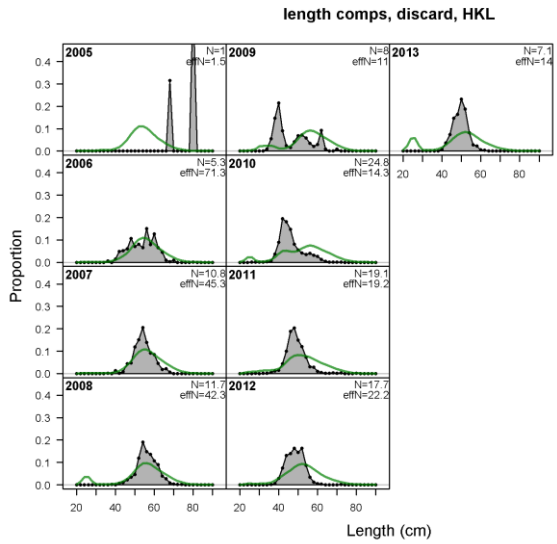

Figure 42. Length-frequency distributions for sexes-combined sablefish from the discarded catch in the hook-and-line fishery by year.

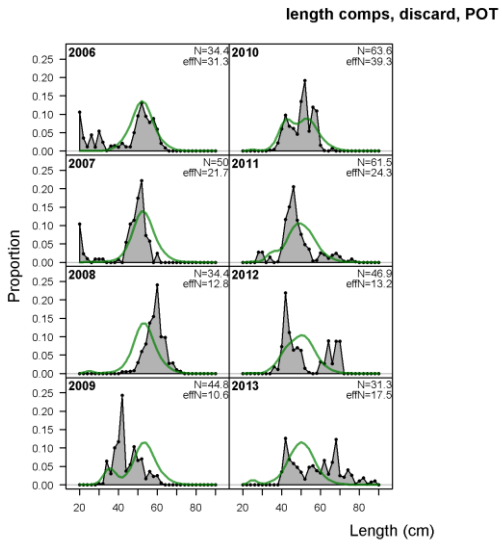

Figure 43. Length-frequency distributions for sexes-combined sablefish from the discarded catch in the pot fishery by year.

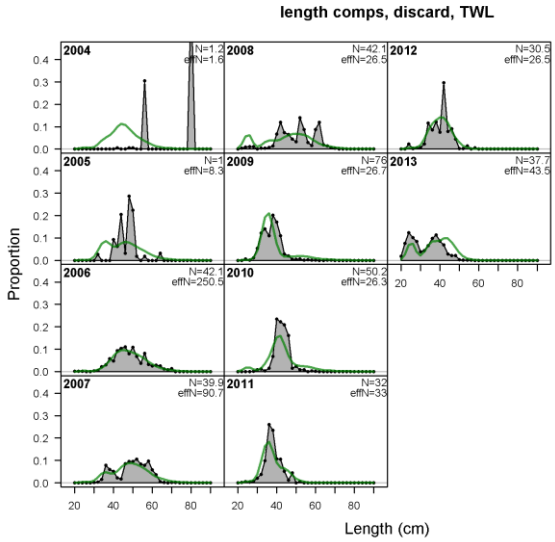

Figure 44. Length-frequency distributions for sexes-combined sablefish from the discarded catch in the trawl fishery by year.

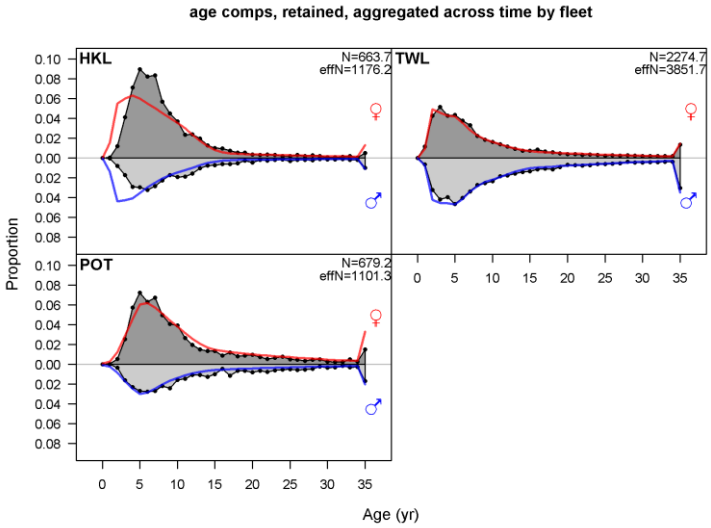

Figure 45. Aggregate age-frequency distributions for female and male sablefish from retained catch sampling of commercial fisheries in all years.

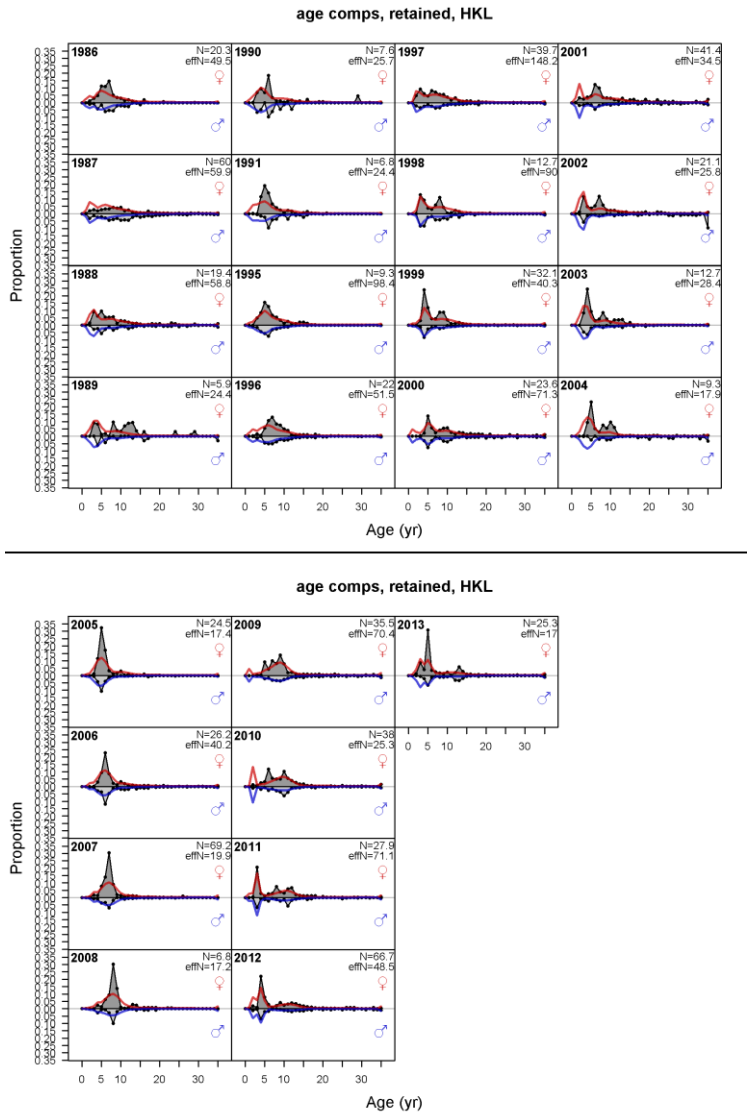

Figure 46. Age-frequency distributions for female and male sablefish from the retained catch in the hook- and-line fishery by year.

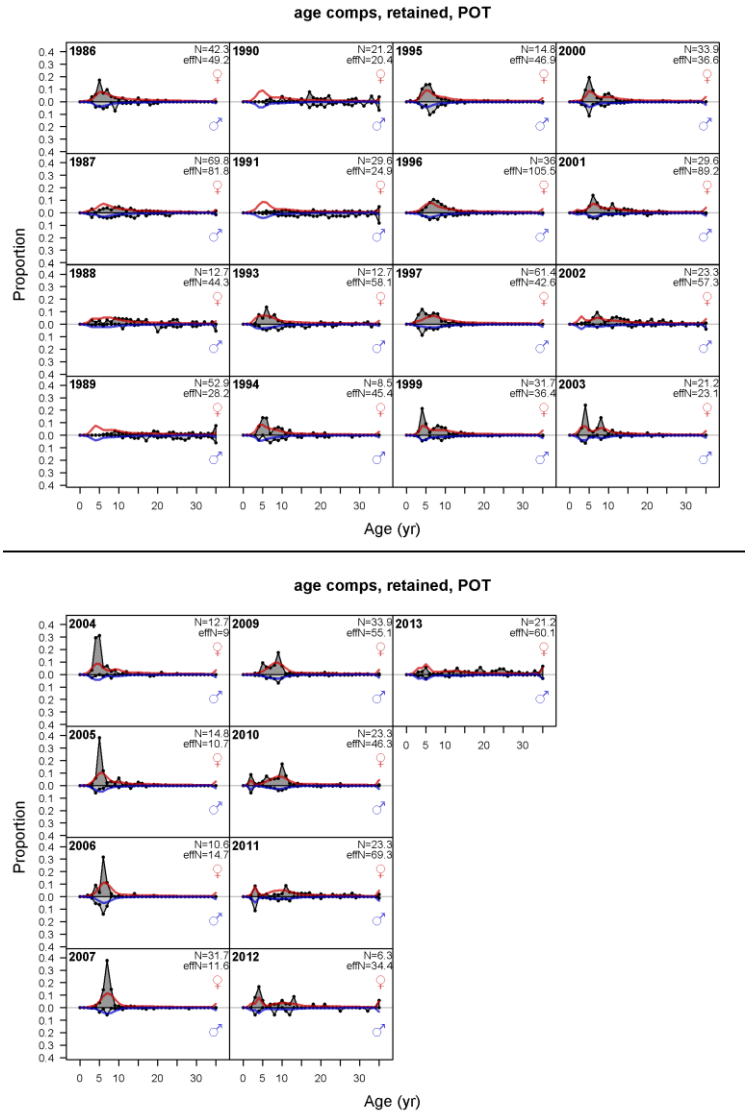

Figure 47. Age-frequency distributions for female and male sablefish from the retained catch in the pot fishery by year.

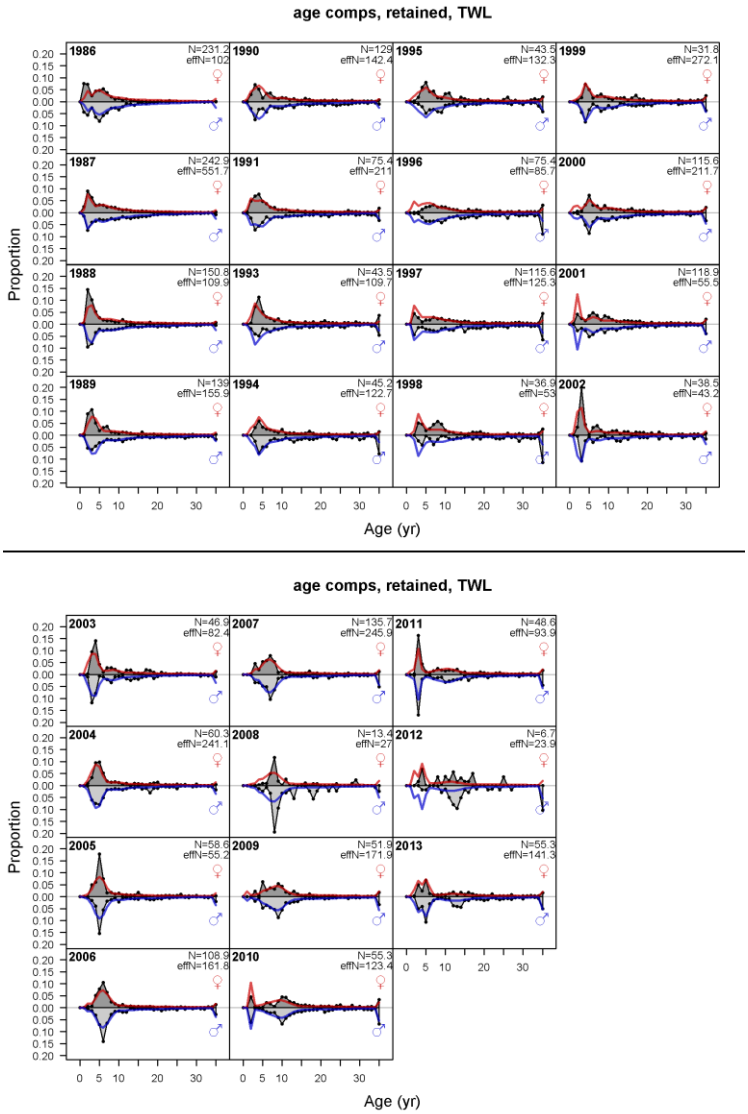

Figure 48. Age-frequency distributions for female and male sablefish from the retained catch in the trawl fishery by year.

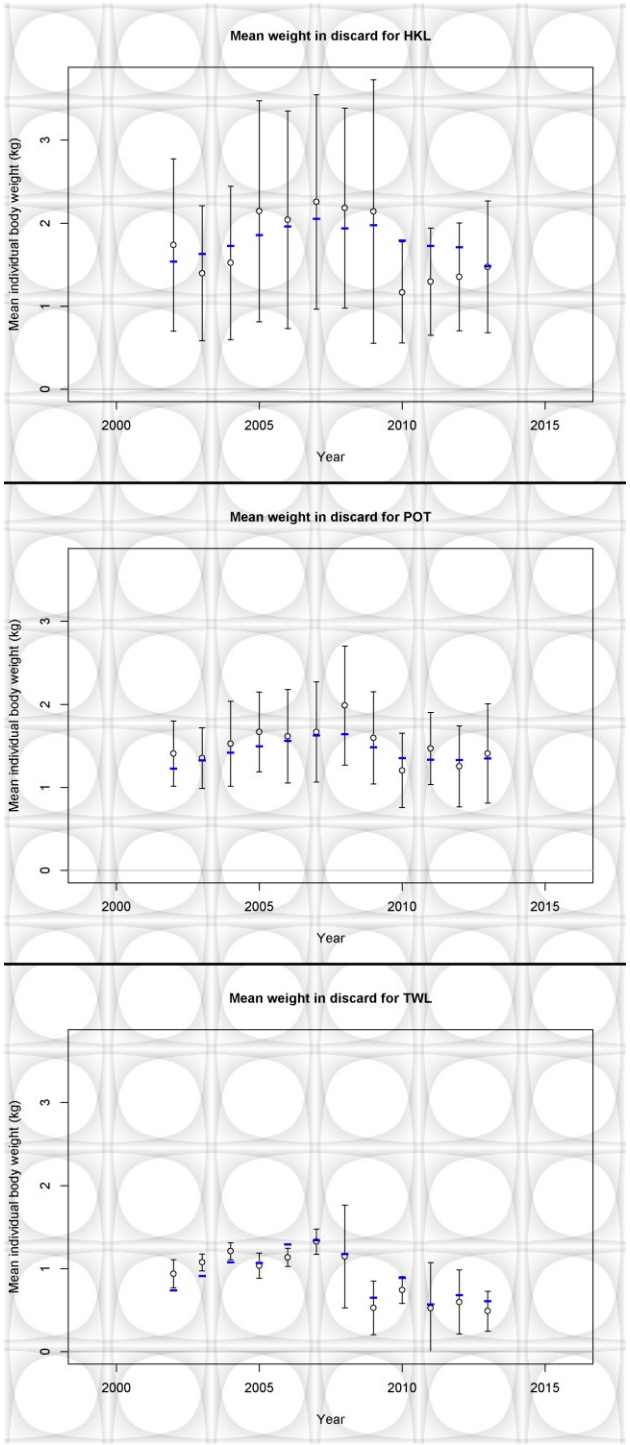

Figure 49. Fit to the fishery discard mean body weight data.

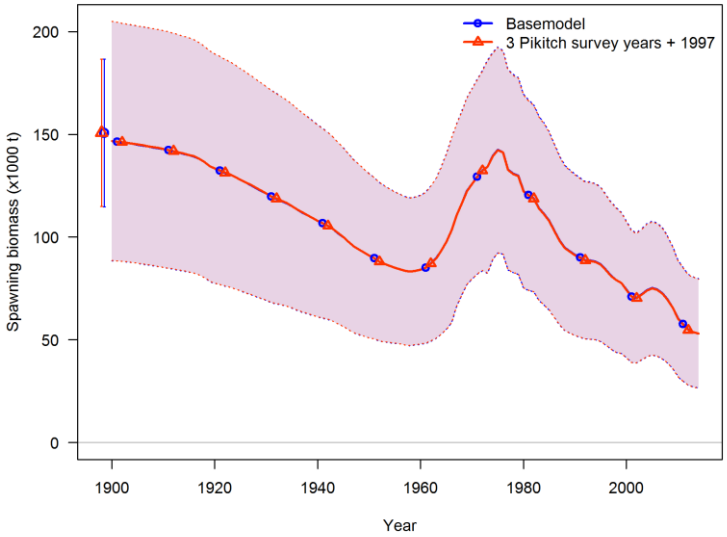

Figure 50. Sensitivity to the inclusion of data from the Enhanced Data Collection Program on trawl discards.

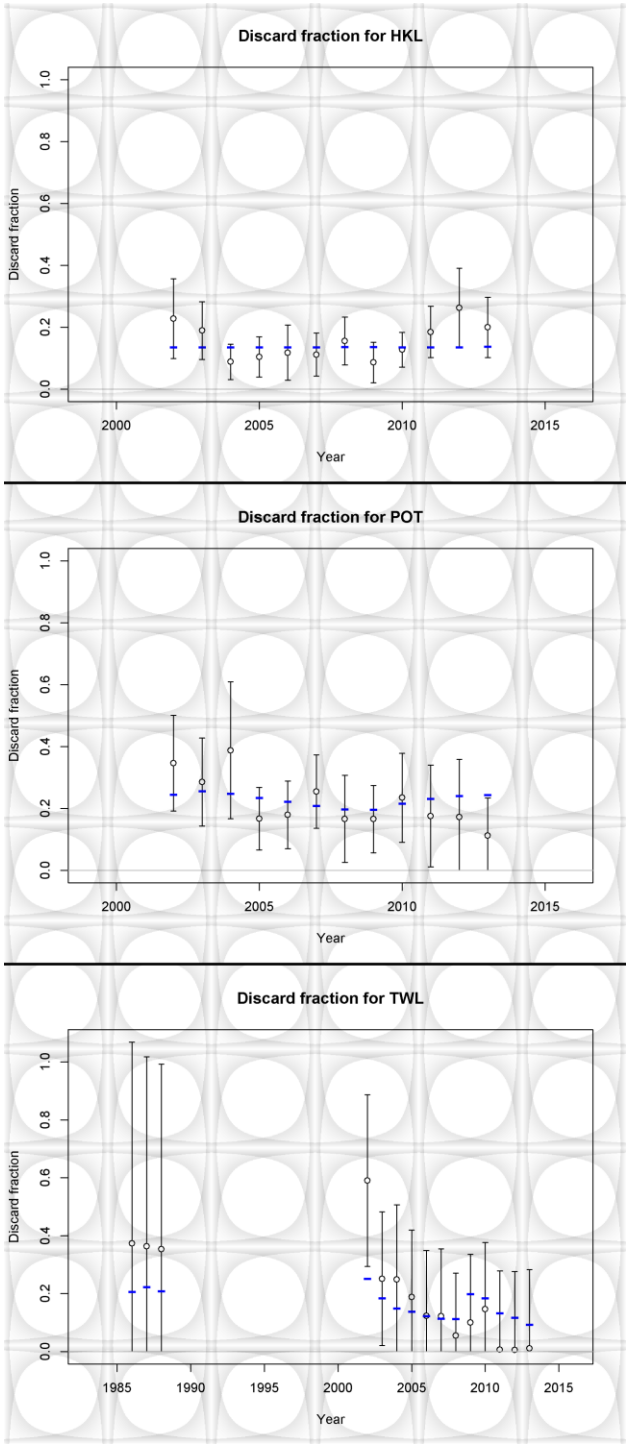

Figure 51. Fit to the fishery discard fraction data.

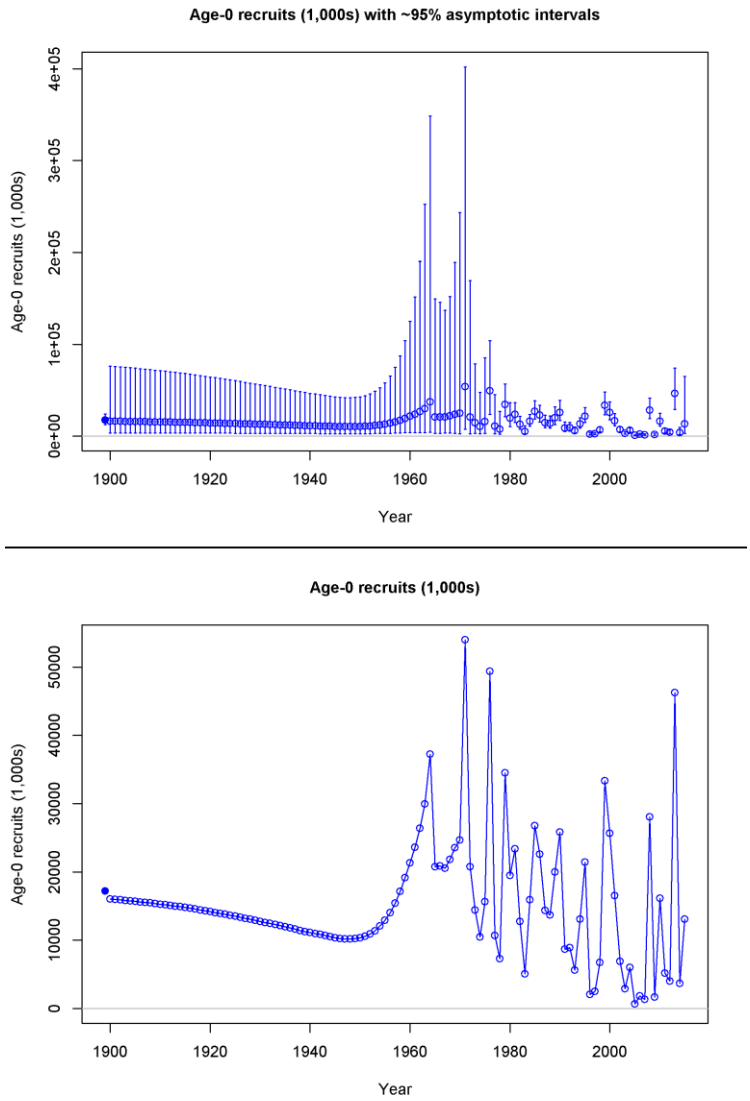

Figure 52. Time series of estimated sablefish recruitments for the base-case model (solid line) with ~95% intervals (vertical lines; upper panel) and without intervals to better visualize recent estimated trends (lower panel).

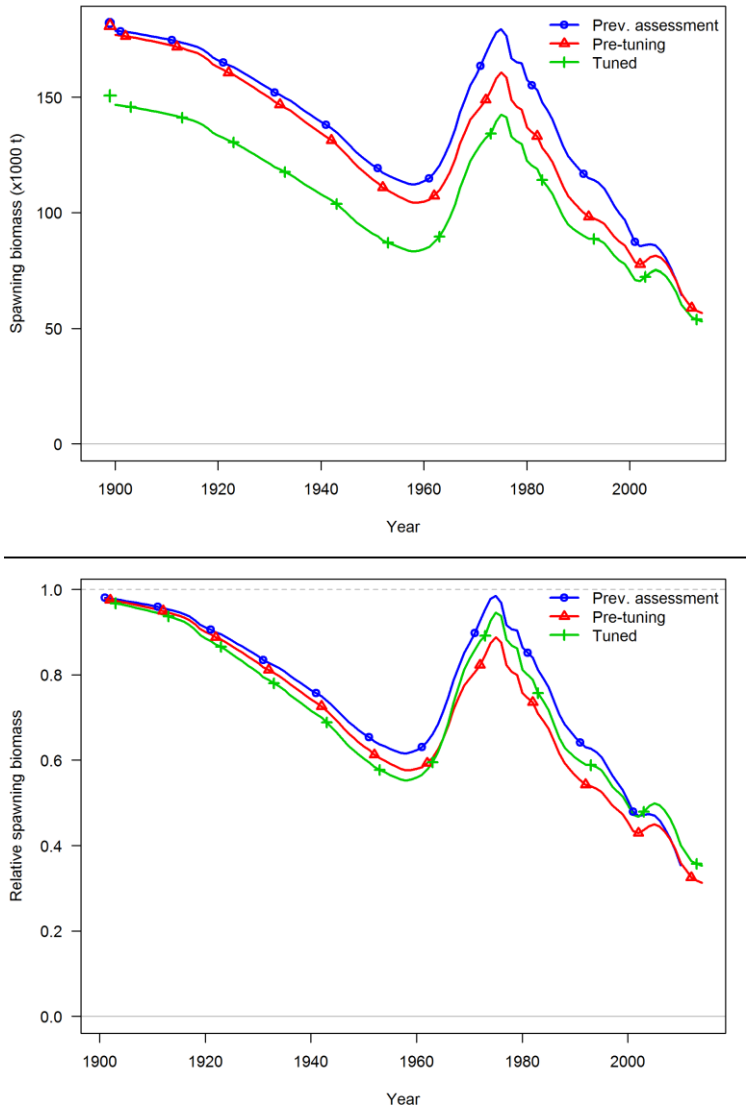

Figure 53. Sensitivity analysis showing the 2011 assessment model (blue) and the base-case model used in this assessment before (red) and after tuning (green). Spawning stock biomass is displayed in the upper panel and depletion in the lower panel.

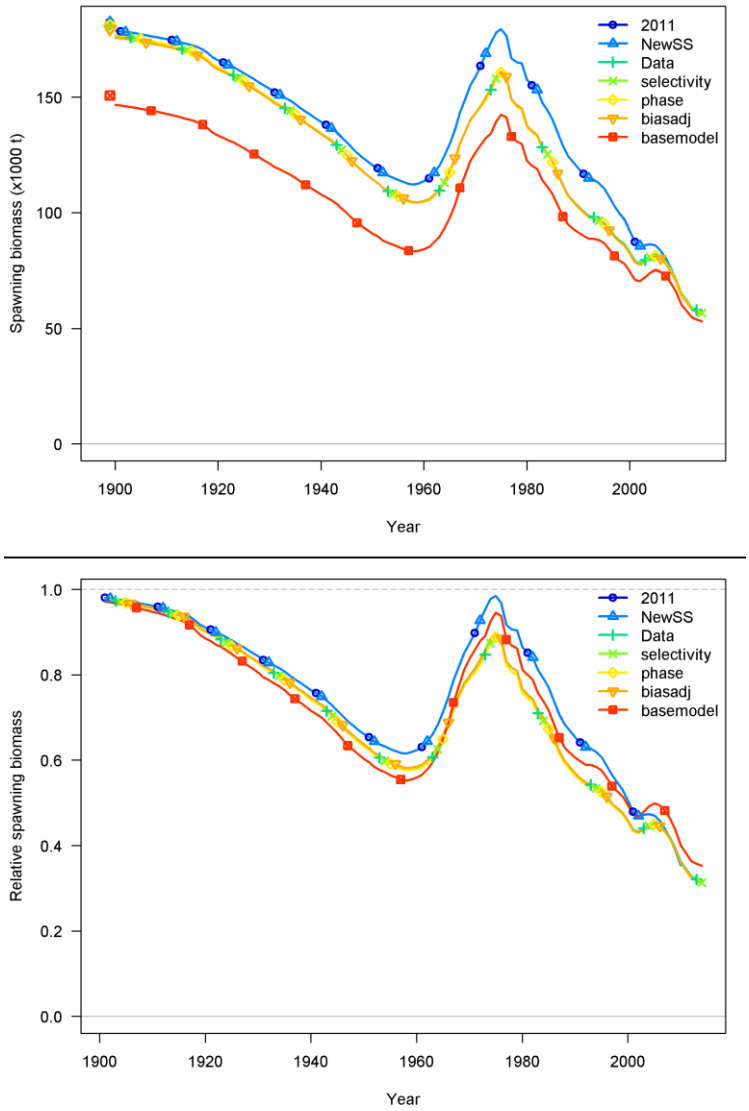

Figure 54. Time-series of spawning stock biomass (upper) and relative depletion (lower) for multiple models leading to the creation of the base-case model from the 2011 assessment.

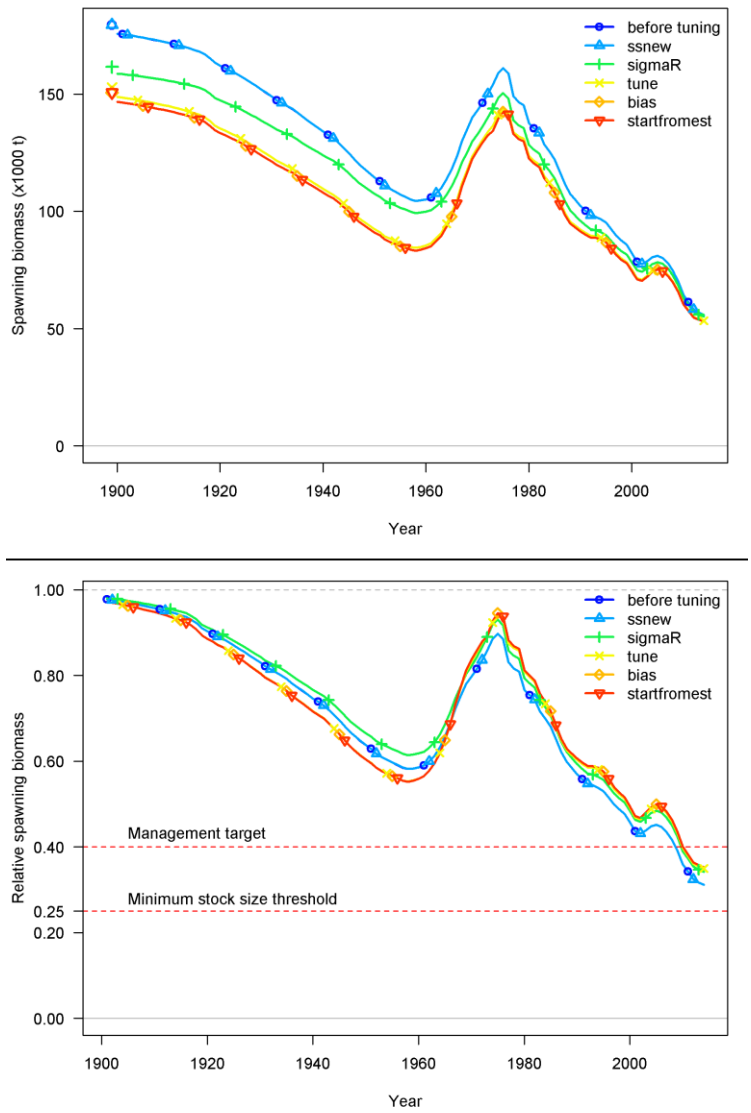

Figure 55. Time-series of spawning stock biomass (upper) and relative depletion (lower) for multiple models leading up to the creation of the base-case model: (1) newly available data was added, (2) model was started from the best estimates, (3) root-mean-square-error (RMSE) was used to tune σ_R, (4) effective sample size of all composition data was tuned using the harmonic mean, (5) update the bias the bias adjustment ramp was updated, and finally the model was started from the most current estimates.

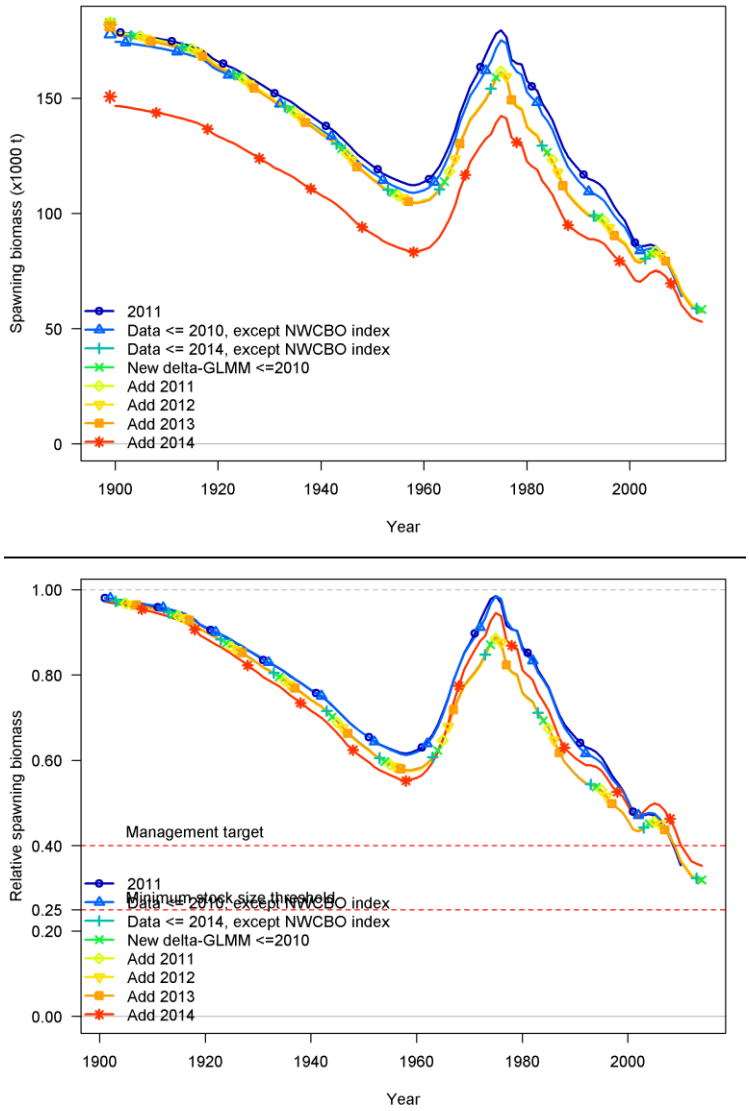

Figure 56. Time-series of spawning stock biomass (upper) and relative depletion (lower) for multiple models leading to the creation of the base-case model from the 2011 assessment. Included models detail the realized changes from adding each year of newly available relative index data, where the data input into Stock Synthesis was generated using the newly available delta-GLMM software.

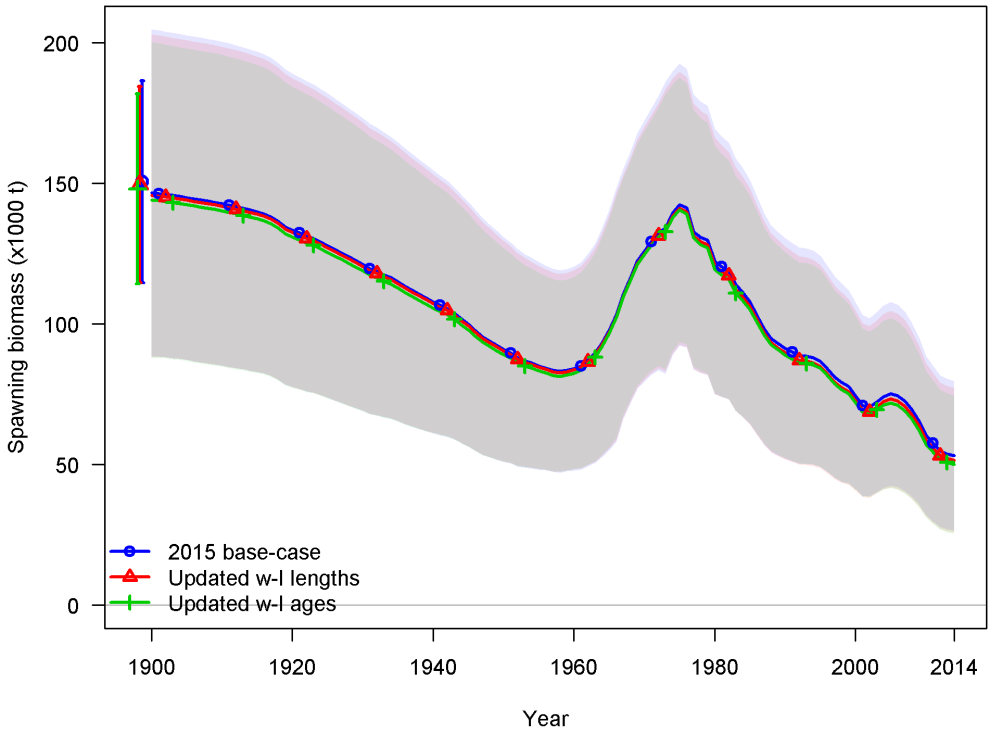

Figure 57. Sensitivity analysis to the standardized NWFSC code for working up fishery composition samples. Standardized code utilized incorrect measurement units for the weight and length in the weight-length relationship used in the expansion factor when sample weights were unavailable. Lines show differences between how fishery age and length composition data were worked up in for the current base-case model (2015 base-case) and the method with the corrected weight-length relationship (Updated w-l). For the Updated w-l ages model, the associated length data are already in the model, thus the comparison shows the addition of age and length data rather than just age data. Also, only the 2011 base-case run was tuned to the available data using an iterative tuning procedure.

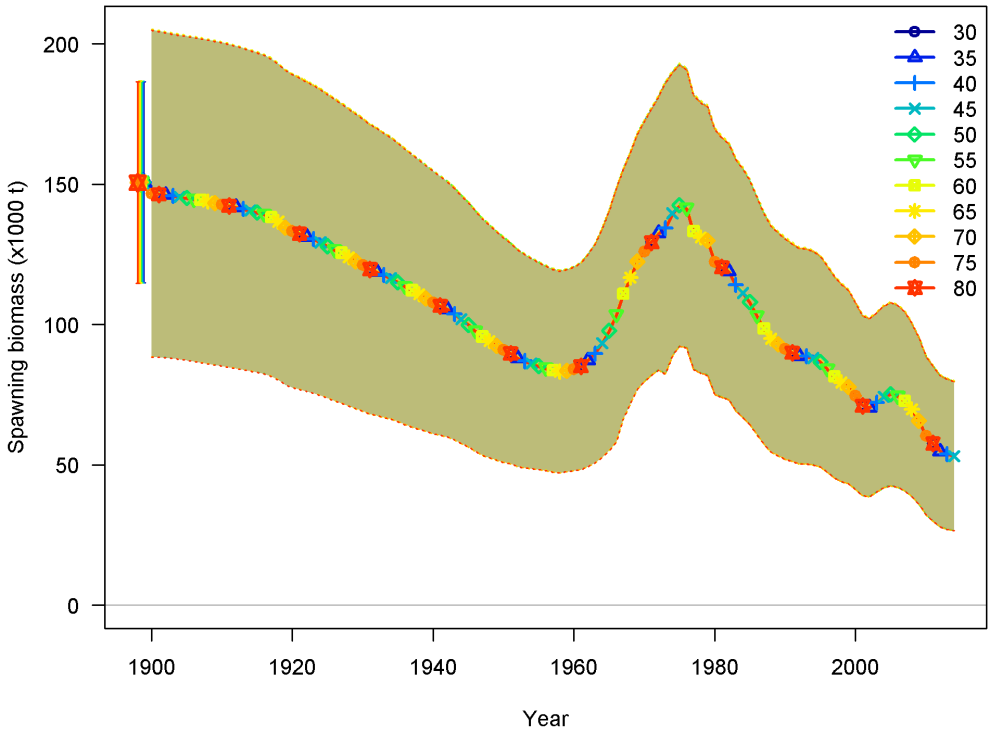

Figure 58. Sensitivity analysis to the maximum length at which an empirical sex ratio is used to assign unsexed fishery composition samples to males and females. Above the assigned length value, all unsexed fish are assigned to males and females using a 50:50 ratio. The previous assessment used 30 cm, whereas this assessment update assigned all unsexed fish to males and females using a 50:50 ratio.

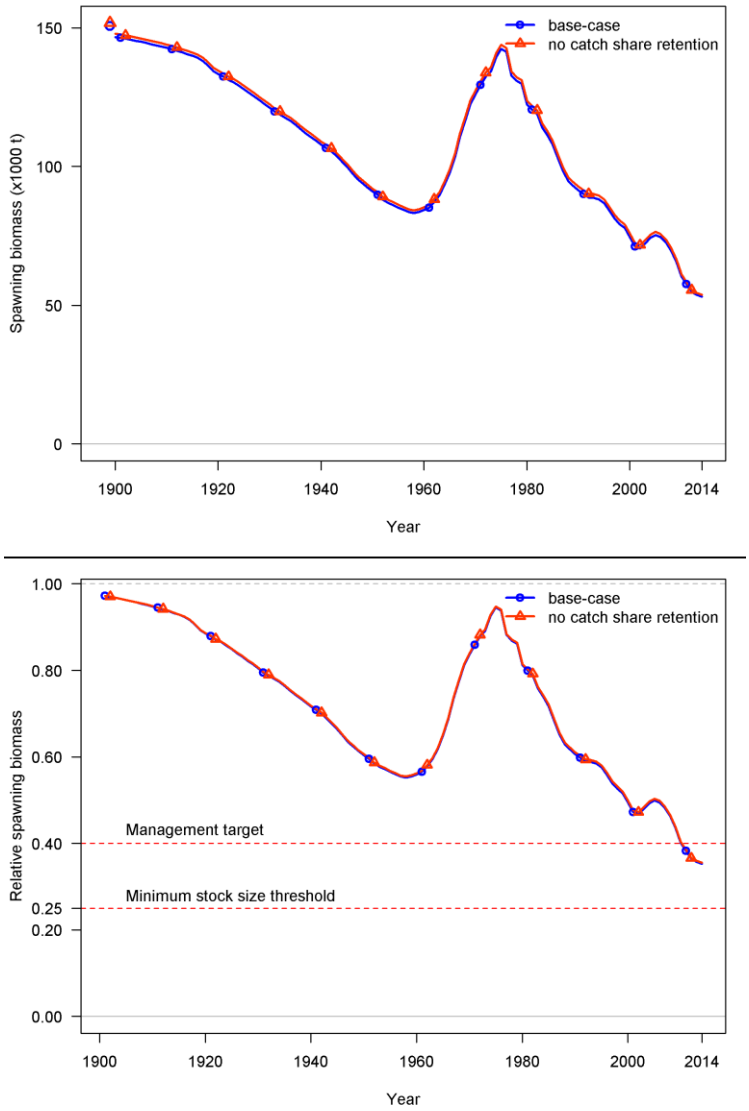

Figure 59. Sensitivity analyses to the addition of (full) retention for the trawl fishery after the implementation of the catch share program in 2011.

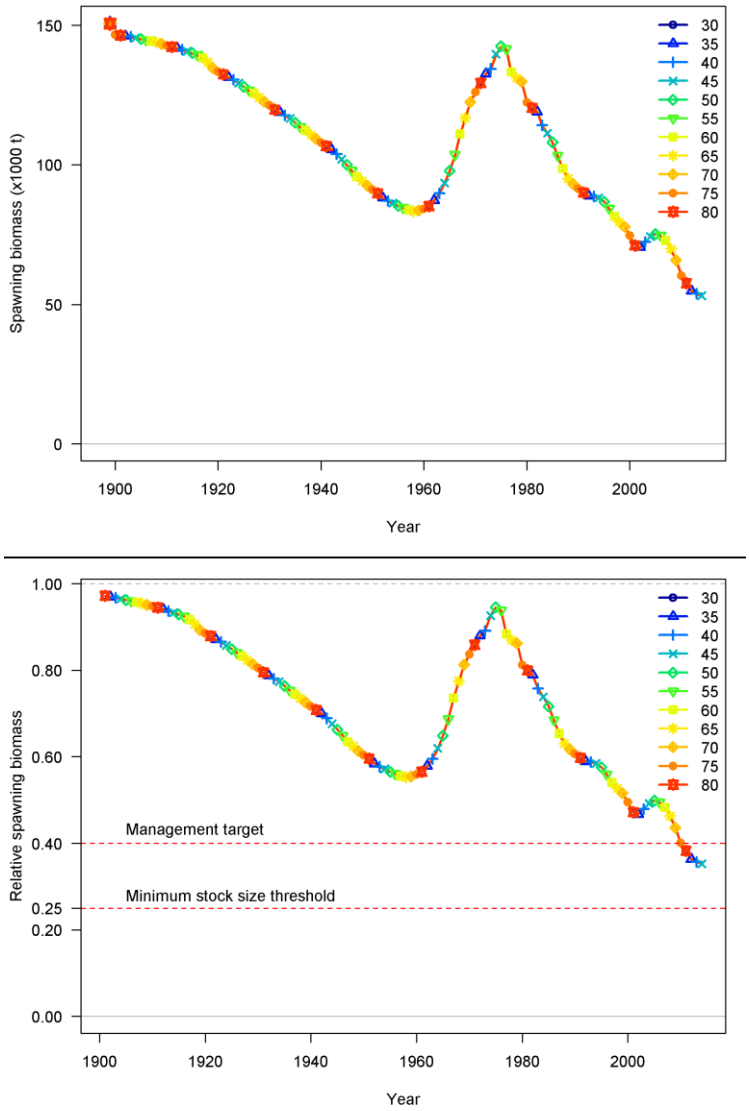

Figure 60. Sensitivity analyses to the maximum length for which all unsexed fishery-independent composition samples are assigned to males and females using a 50:50 ratio and above which the ratio depends on the observed ratio. Values ranging from 30 to 80 cm were explored.

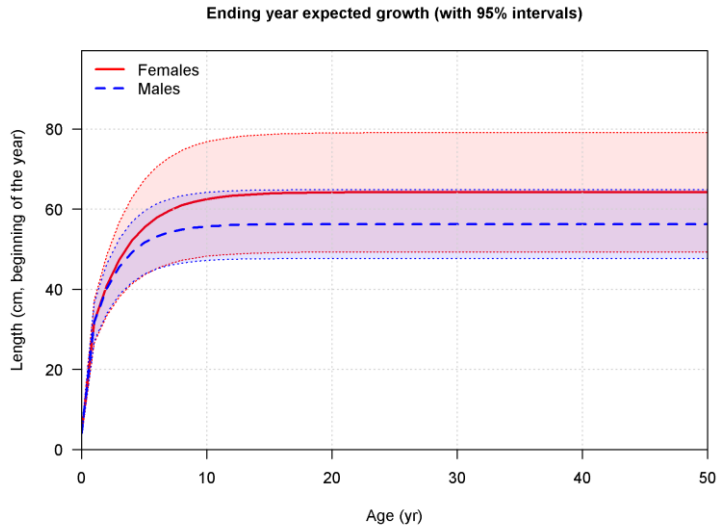

Figure 61. Growth curve for females and males with ~95% intervals (dashed lines) indicating the expectation and individual variability of length-at-age for the base-case model.

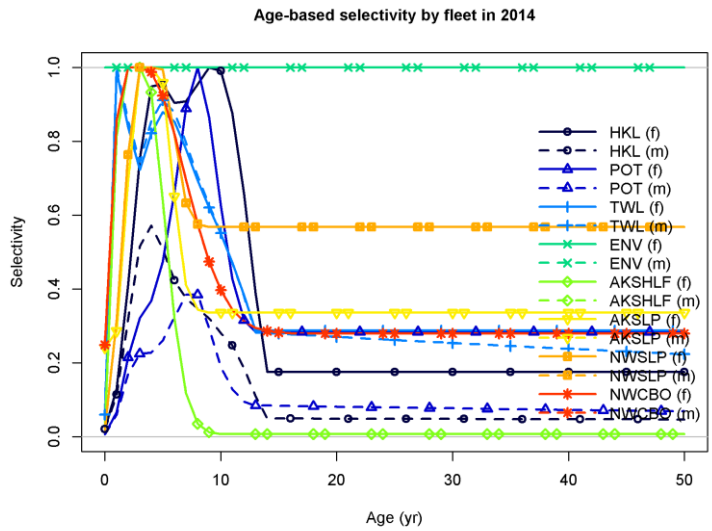

Figure 62. Selectivity at age for multiple fleets.

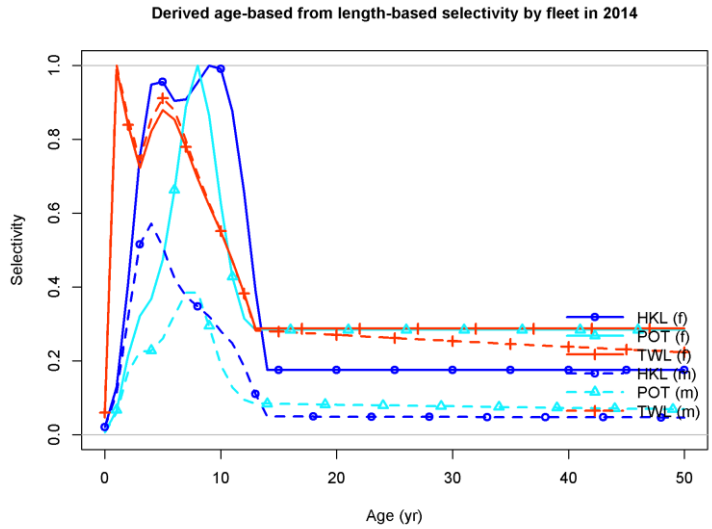

Figure 63. Selectivity at age derived from selectivity at length for multiple fleets.

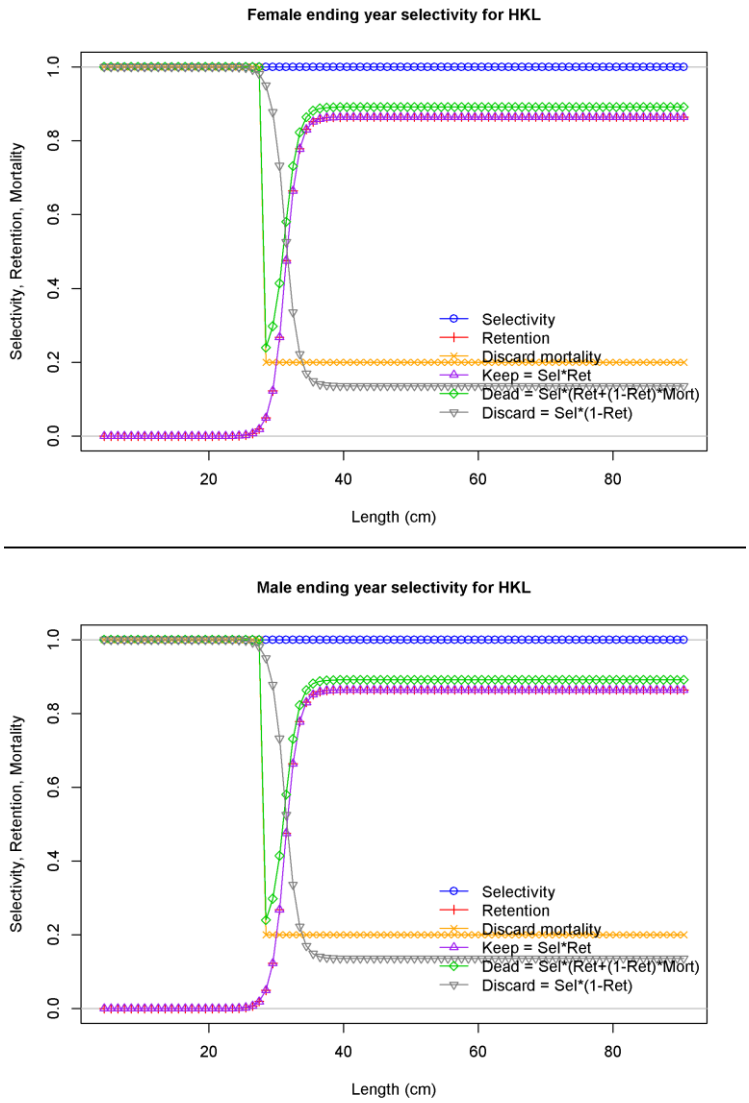

Figure 64. Estimated retention and discard mortality for females (upper panel) and males (lower panel) for the hook-and-line fishery.

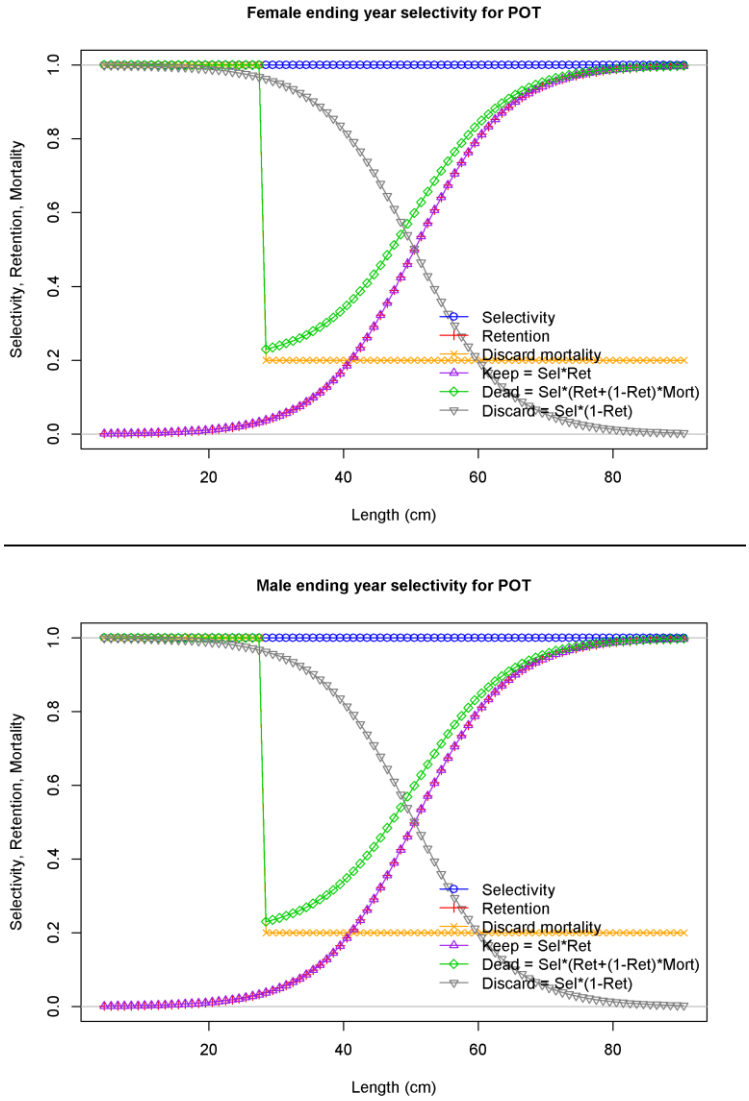

Figure 65. Estimated retention and discard mortality for females (upper panel) and males (lower panel) for the pot fishery.

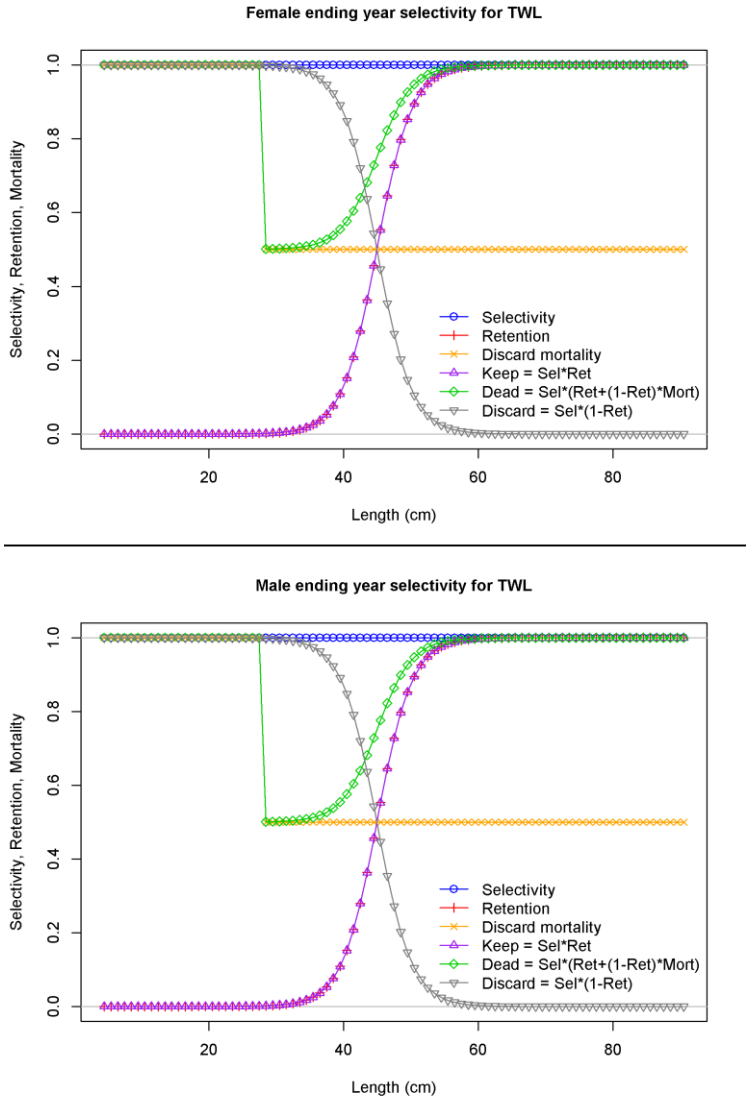

Figure 66. Estimated retention and discard mortality for females (upper panel) and males (lower panel) for the trawl fishery.

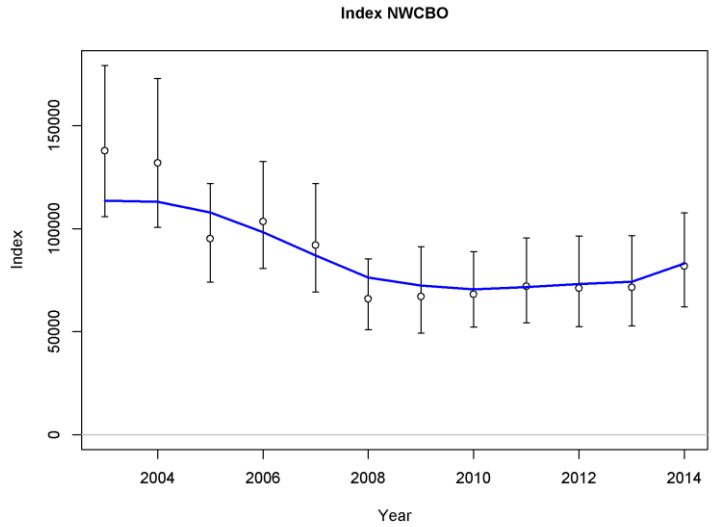

Figure 67. Fit to the NWFSC Shelf-Slope survey.

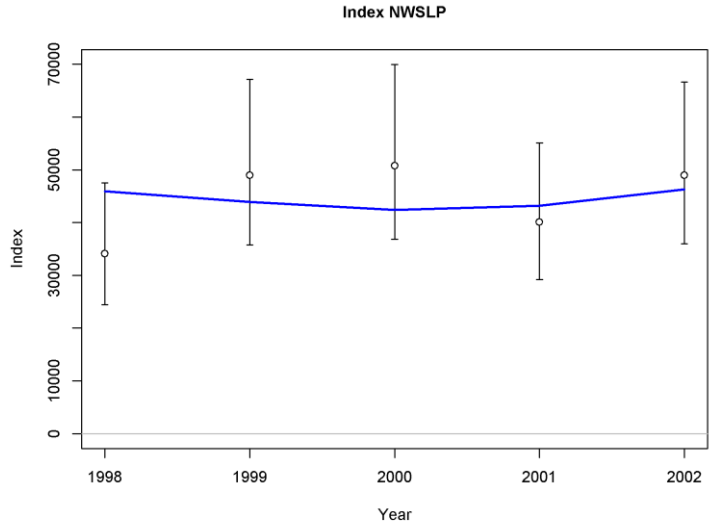

Figure 68. Fit to the NWFSC slope survey.

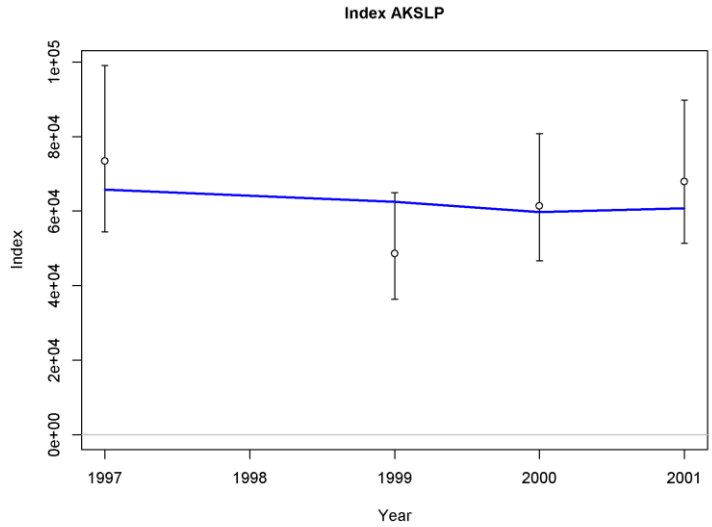

Figure 69. Fit to the AKFSC slope survey.

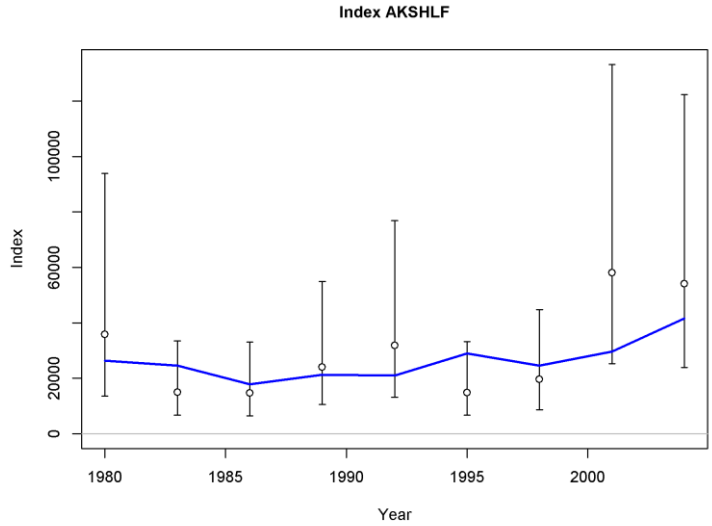

Figure 70. Fit to the AKFSC Triennial shelf survey.

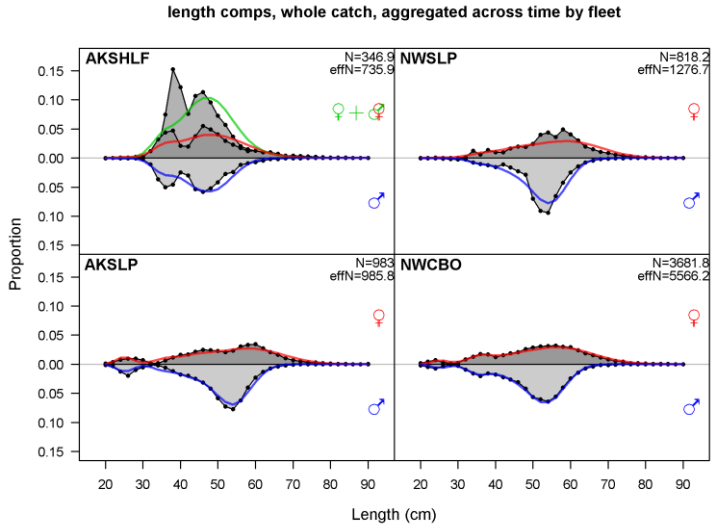

Figure 71. Aggregate fit to the survey length-frequency data by sex.

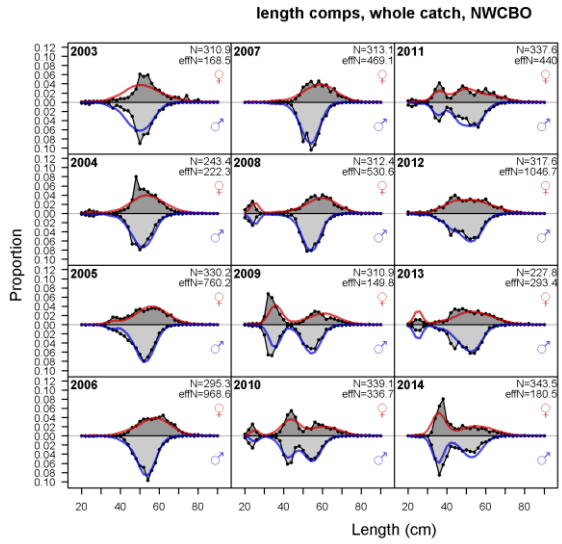

Figure 72. Fit to the NWFSC Shelf-Slope survey length-frequency data by sex.

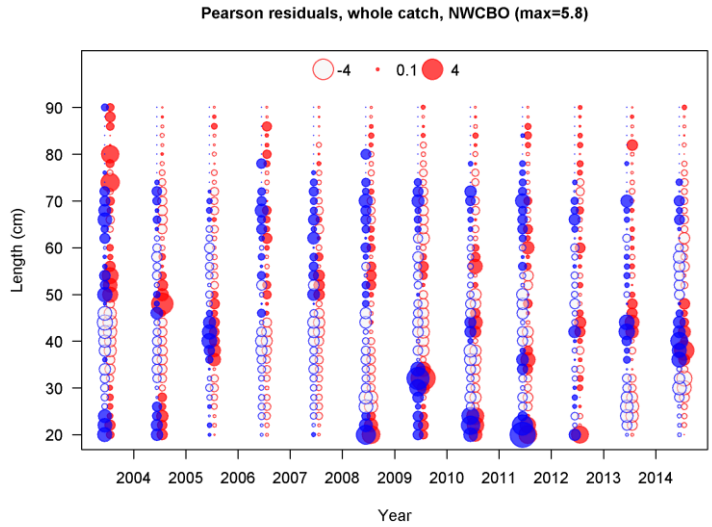

Figure 73. Pearson residuals for the fit to NWFSC Shelf-Slope survey length-frequencies. Filled circles represent positive residuals (*observed − expected*) and red and blue indicate females and males, respectively.

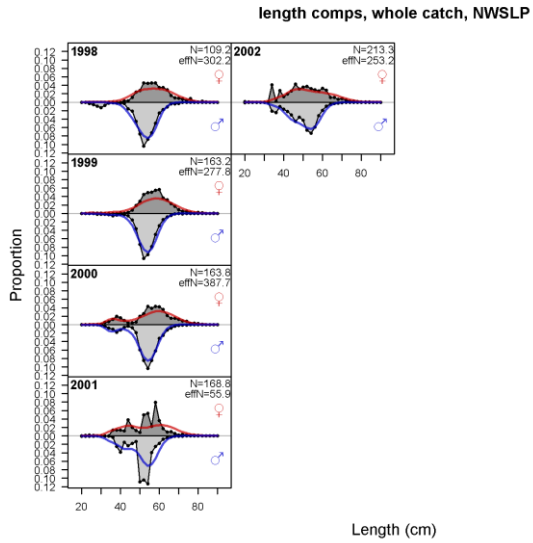

Figure 74. Fit to the NWFSC slope survey length-frequency data by sex.

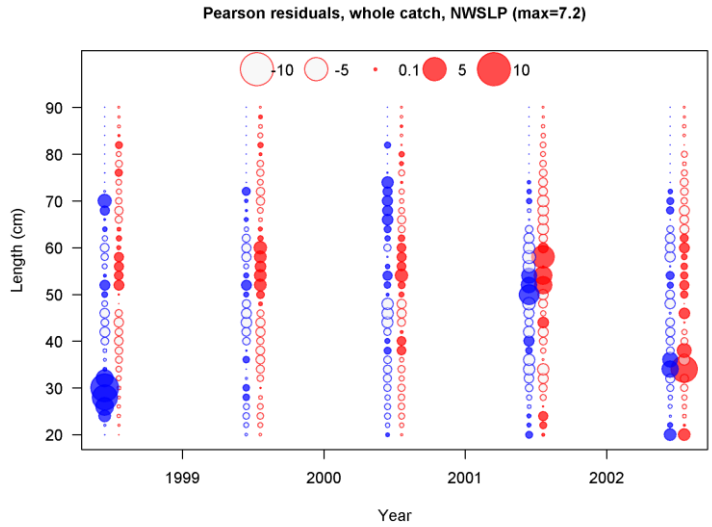

Figure 75. Pearson residuals for the fit to NWFSC slope survey female length-frequencies. Filled circles represent positive residuals (*observed* − *expected*) and red and blue indicate females and males, respectively.

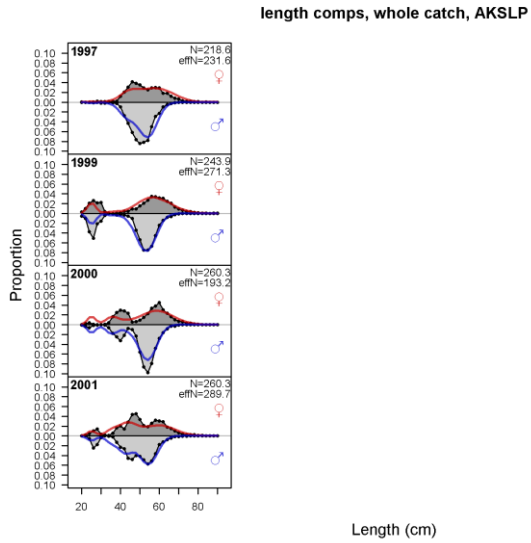

Figure 76. Fit to the AFSC slope survey female and male length-frequency data by sex.

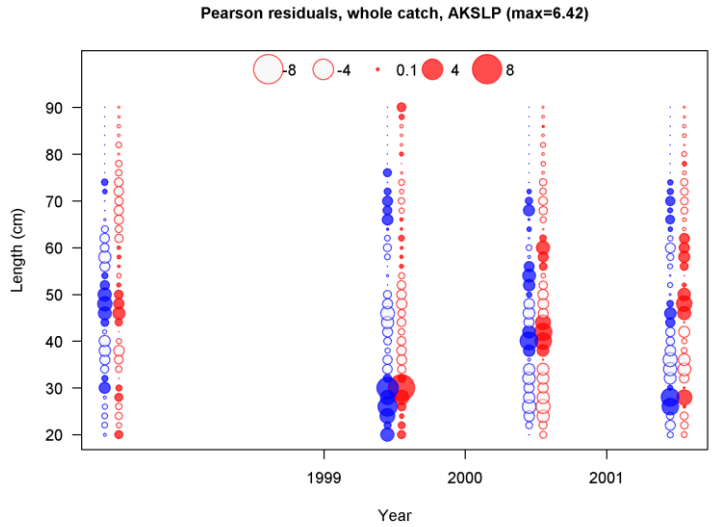

Figure 77. Pearson residuals for the fit to AFSC slope survey length-frequencies. Filled circles represent positive residuals (*observed* − *expected*) and red and blue indicate females and males, respectively.

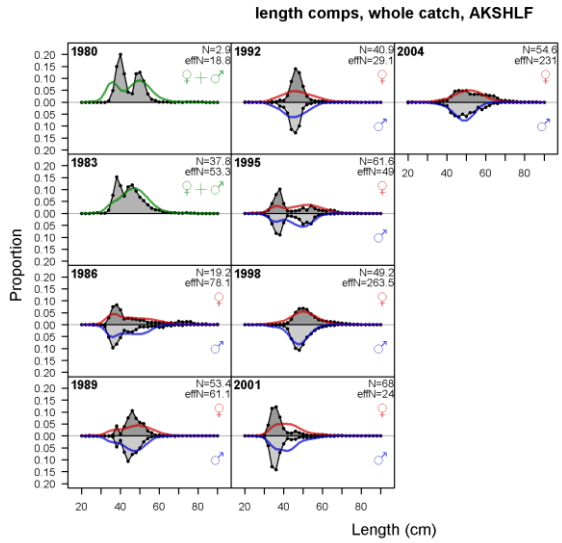

Figure 78. Fit to the AFSC shelf survey length-frequency data by sex.

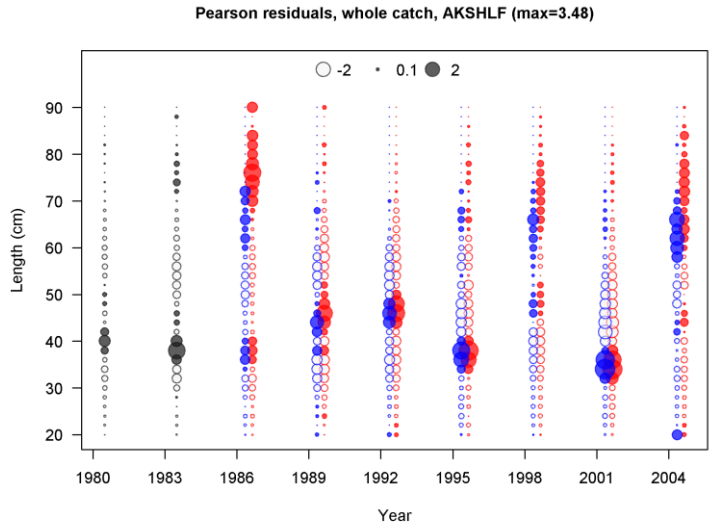

Figure 79. Pearson residuals for the fit to AFSC shelf survey length-frequencies. Filled circles represent positive residuals (*observed* − *expected*) and red and blue indicate females and males, respectively.

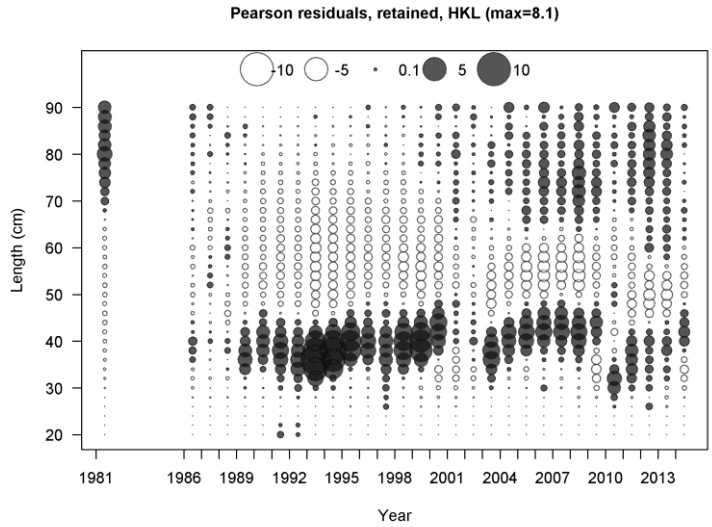

Figure 80. Pearson residuals for the fit to the hook-and-line retained length-frequency data. Filled circles represent positive residuals (*observed* − *expected*).

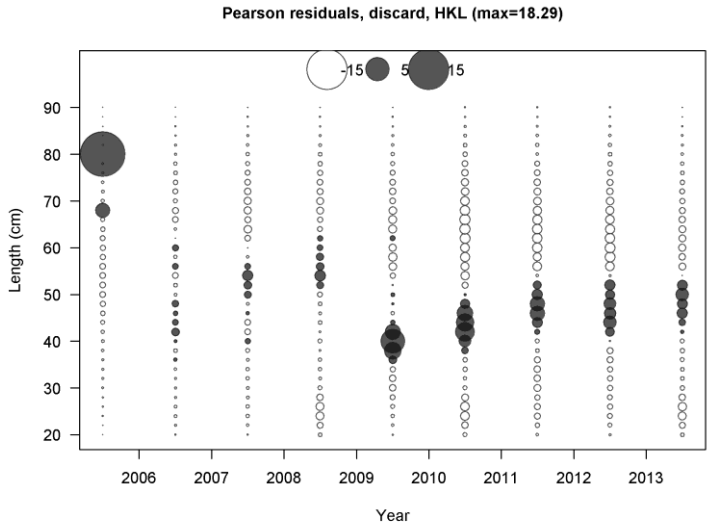

Figure 81. Pearson residuals for the fit to the hook-and-line discard length-frequency data. Filled circles represent positive residuals (*observed* − *expected*).

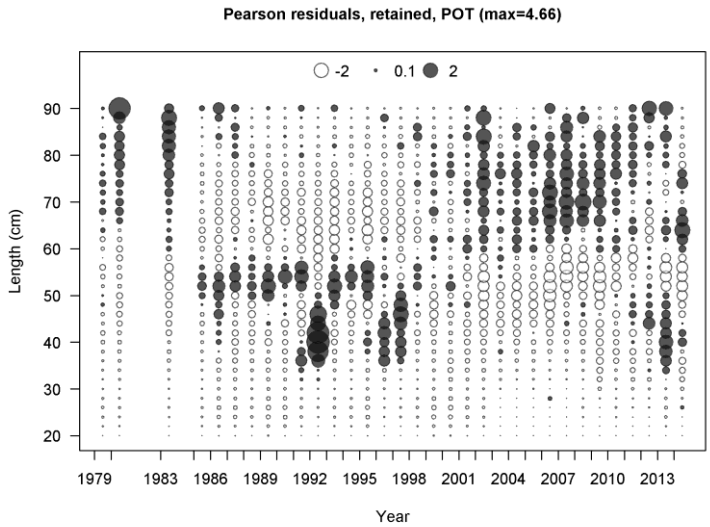

Figure 82. Pearson residuals for the fit to the pot retained length-frequency data. Filled circles represent positive residuals (*observed* − *expected*).

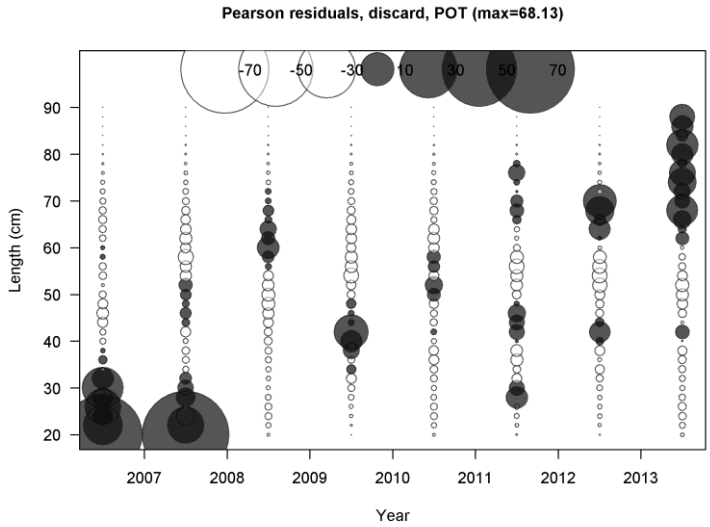

Figure 83. Pearson residuals for the fit to the pot discard length-frequency data. Filled circles represent positive residuals (*observed* − *expected*).

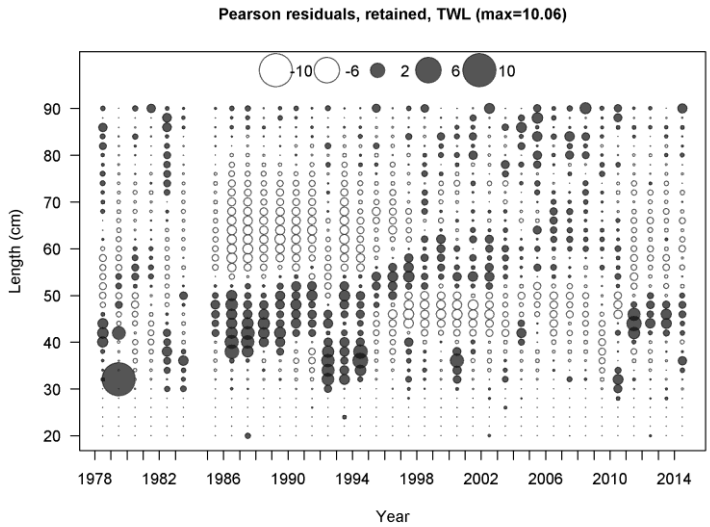

Figure 84. Pearson residuals for the fit to the trawl retained length-frequency data. Filled circles represent positive residuals (*observed* − *expected*).

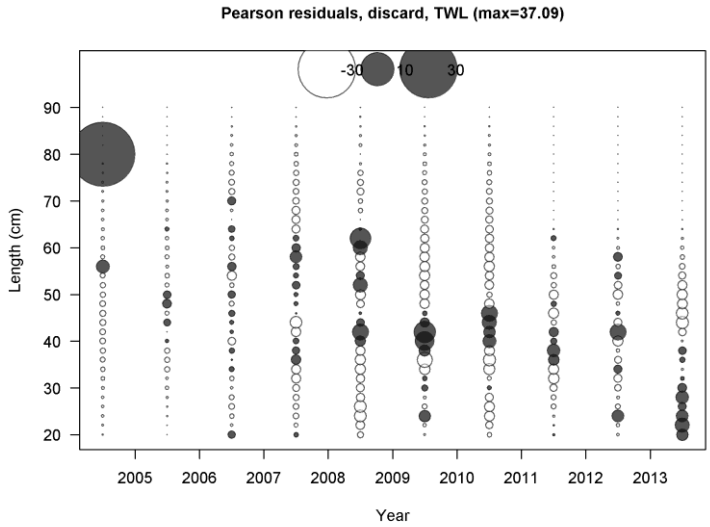

Figure 85. Pearson residuals for the fit to the trawl discard length-frequency data. Filled circles represent positive residuals (*observed* − *expected*).

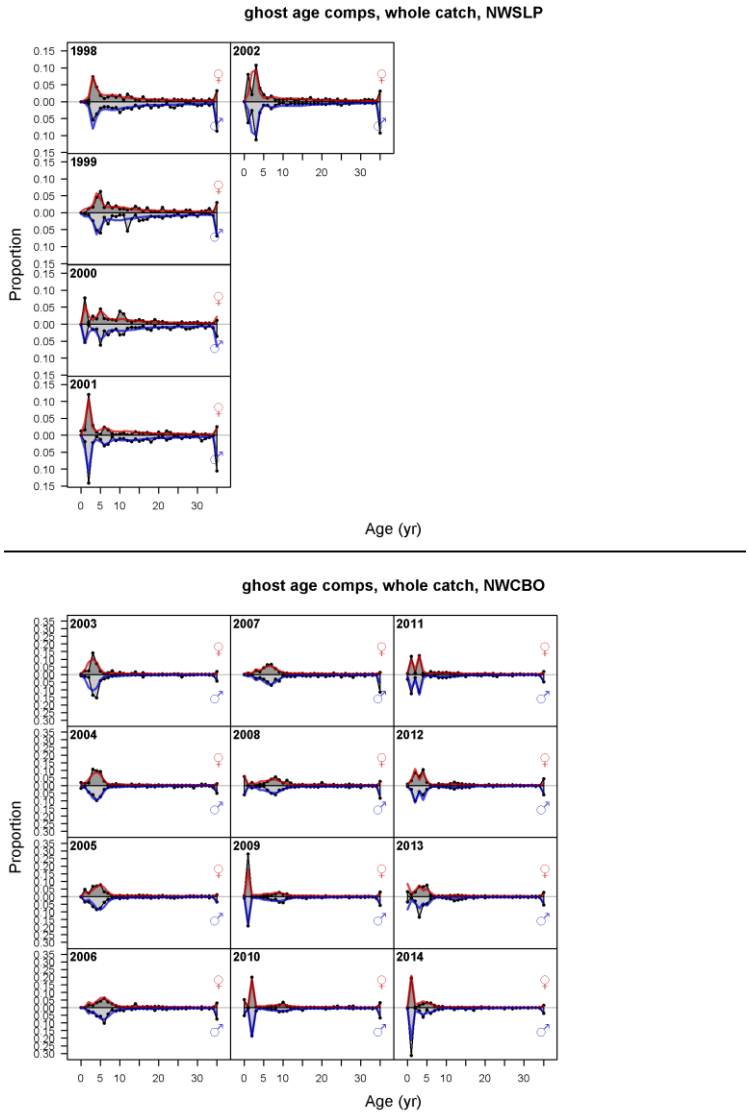

Figure 86. Implied fit to the NWFSC Shelf-Slope (lower) and slope (upper) marginal age-frequencies by sex (red are female and blue are male). Fits are provided for evaluation only, as the data are not included in the objective function.

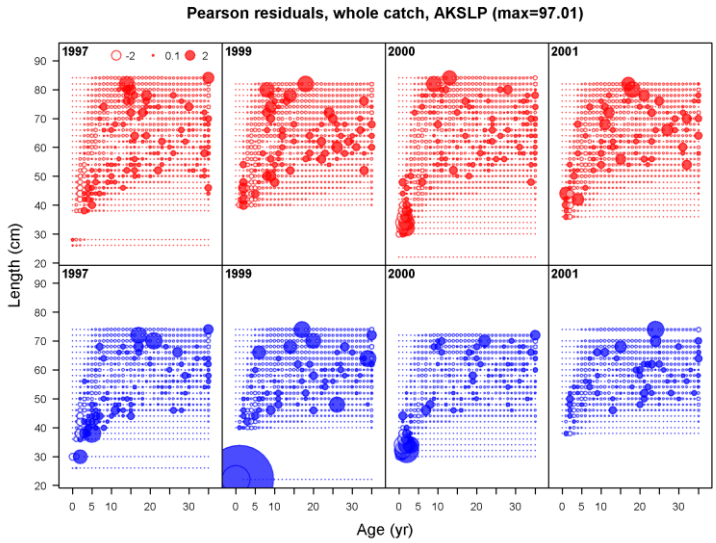

Figure 87. Pearson residuals for the AKFSC shelf survey retained conditional age-frequency data. Filled circles represent positive residuals (*observed*−*expected*) where red and blue are female and male, respectively.

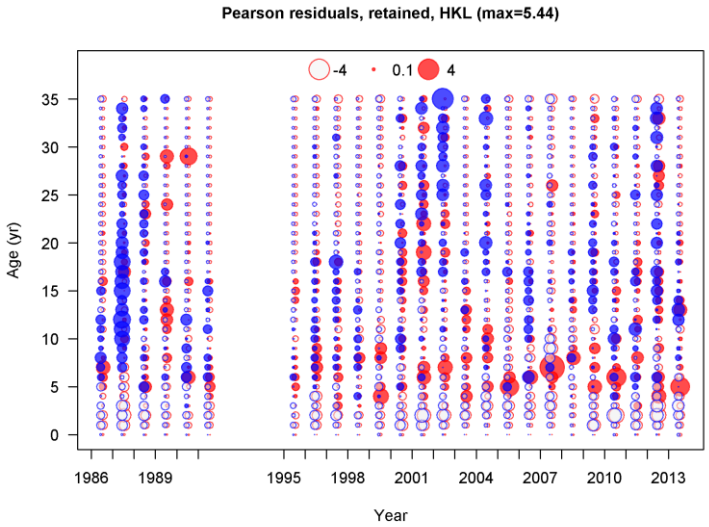

Figure 88. Pearson residuals for the fit to the hook-and-line retained age-frequency data. Filled circles represent positive residuals (*observed* − *expected*) where red and blue are female and male, respectively.

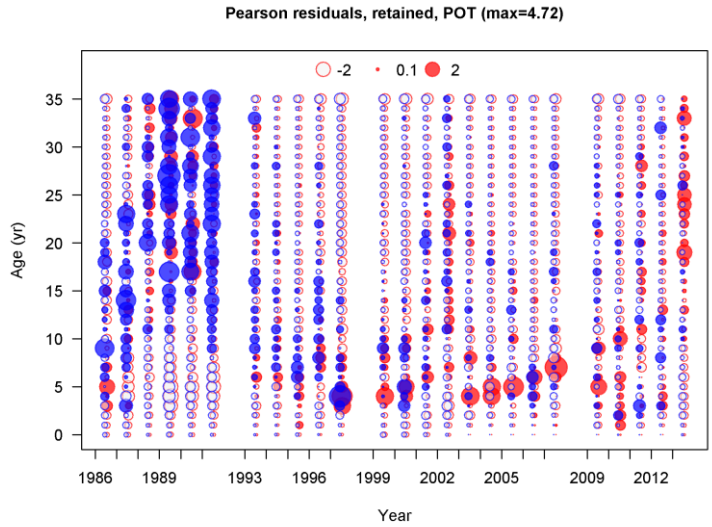

Figure 89. Pearson residuals for the fit to the pot retained age-frequency data. Filled circles represent positive residuals (*observed* − *expected*) where red and blue are female and male, respectively.

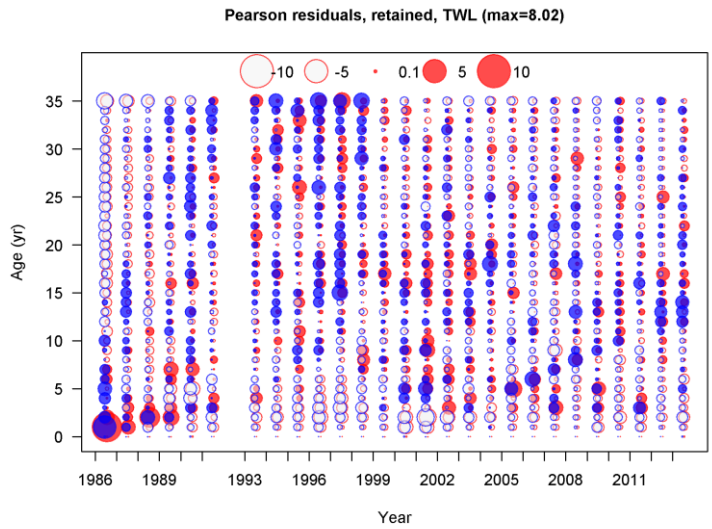

Figure 90. Pearson residuals for the fit to the trawl retained age-frequency data. Filled circles represent positive residuals (*observed* − *expected*) where red and blue are female and male, respectively.

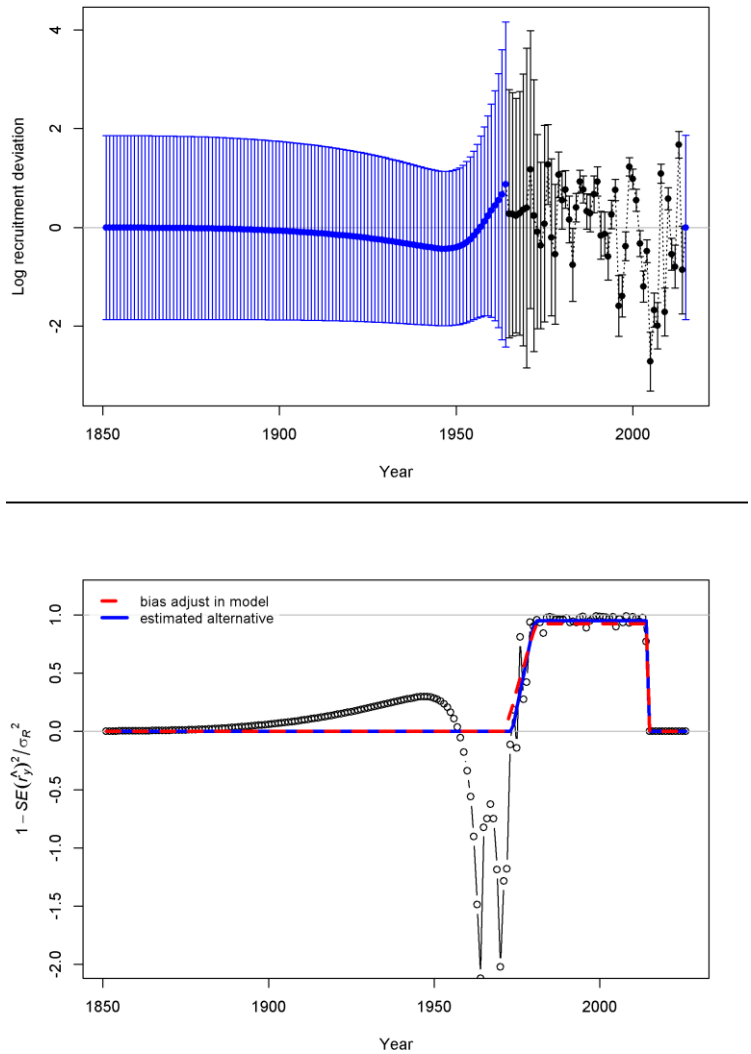

Figure 91. Estimated recruitment deviation time-series (upper panel) and bias adjustment relative to the ratio of recruitment estimation uncertainty and σ_r (lower panel).

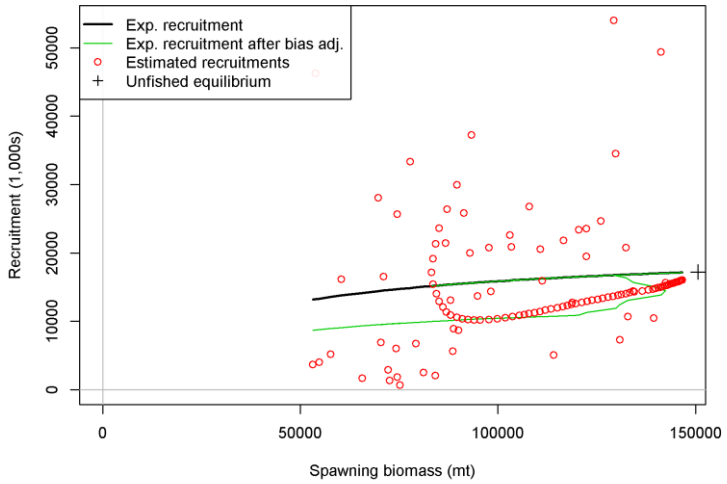

Figure 92. Estimated stock-recruit function for the base-case model.

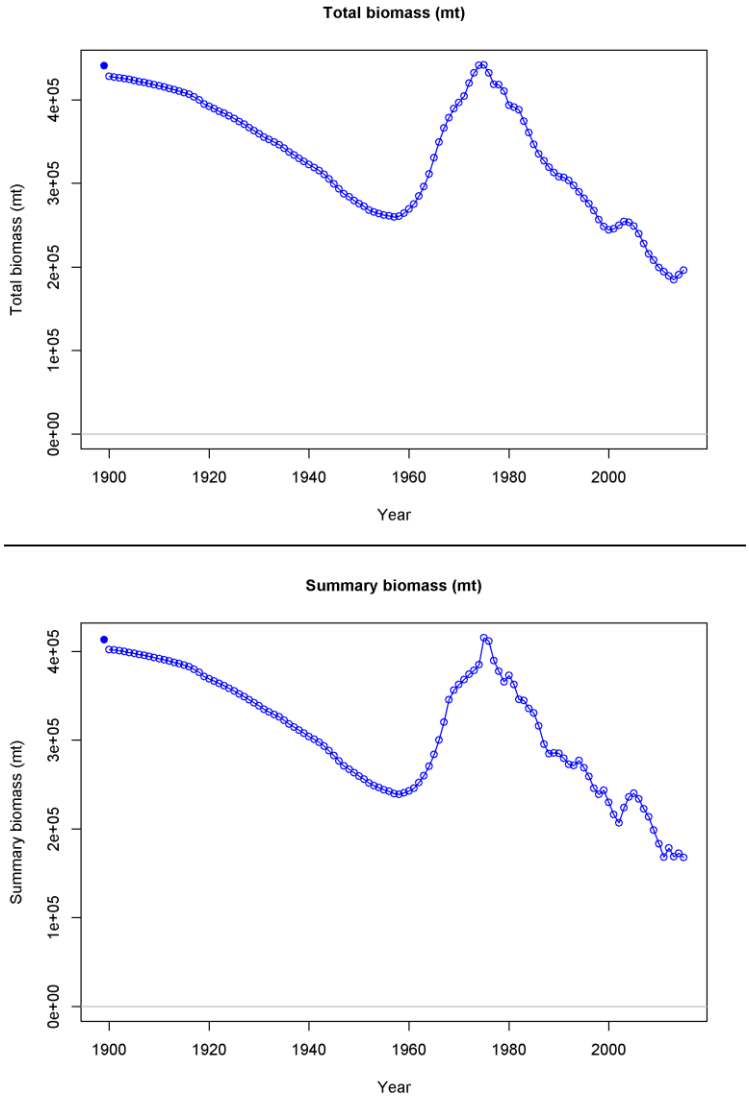

Figure 93. Estimated total (upper panel) and summary (age-4+; lower panel) biomass (age-4+) time-series (1900-2015) for the base-case model.

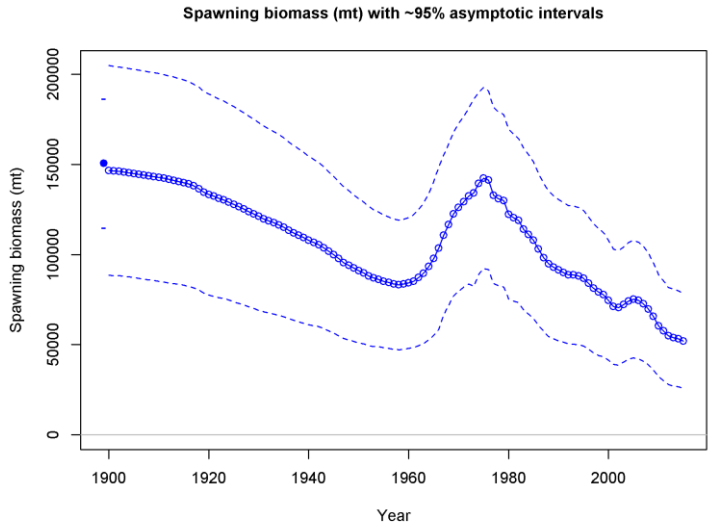

Figure 94. Estimated spawning biomass time-series (1900-2015) for the base-case model (solid line) with ~95% interval (dashed lines).

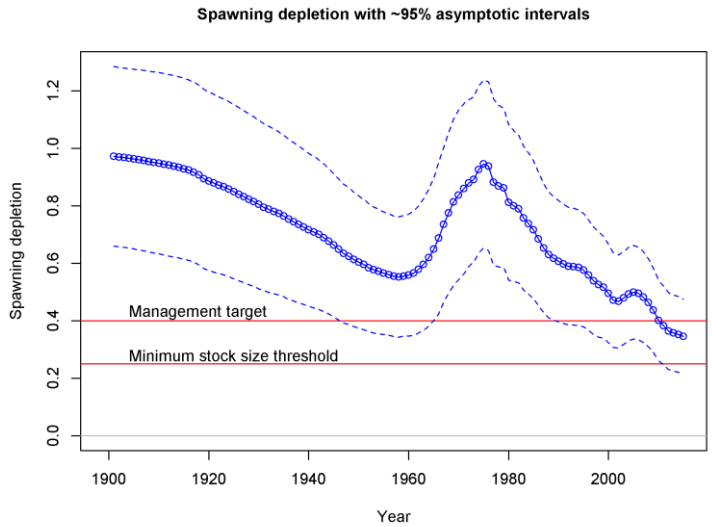

Figure 95. Time series of estimated relative spawning depletion (1900-2015) from the base-case model (solid line) with ~95% interval (dashed lines).

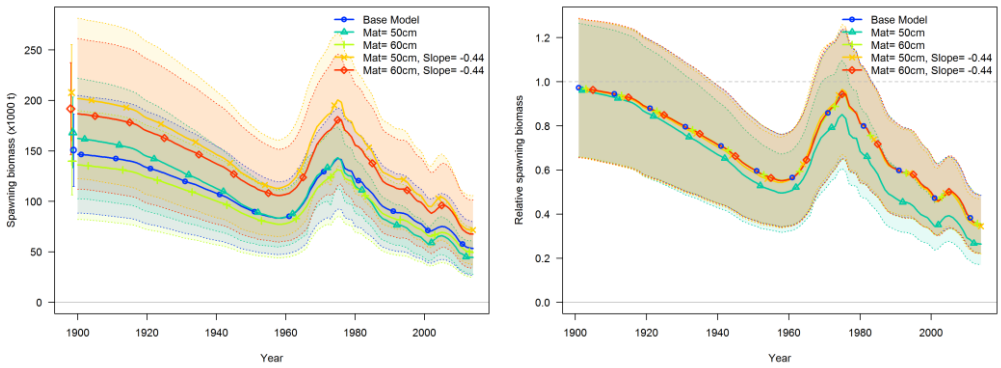

Figure 96. Sensitivity analysis to the fixed female maturity schedule used in the base-case model, where the fixed values come from literature sources. Ranges of values included in the sensitivity analysis are based on reported values from historical literature and a new analysis by He et al. (2014), which includes estimates of maturity different than those used to derive the fixed values.

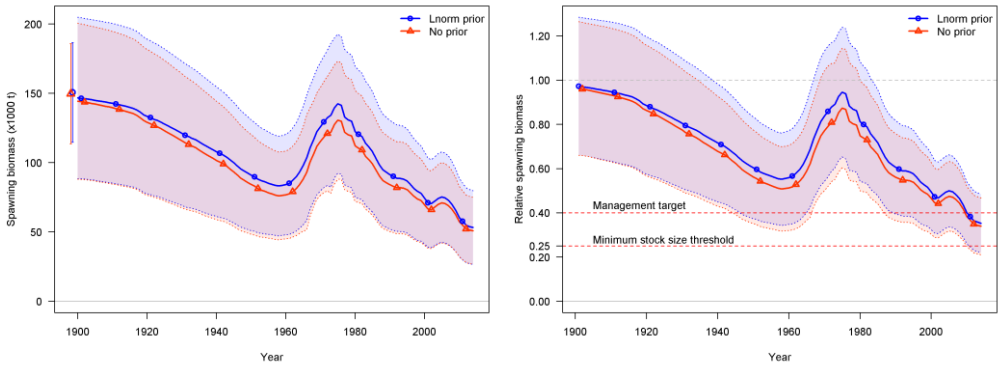

Figure 97. Sensitivity to removing the log normal prior on female and male natural mortality.

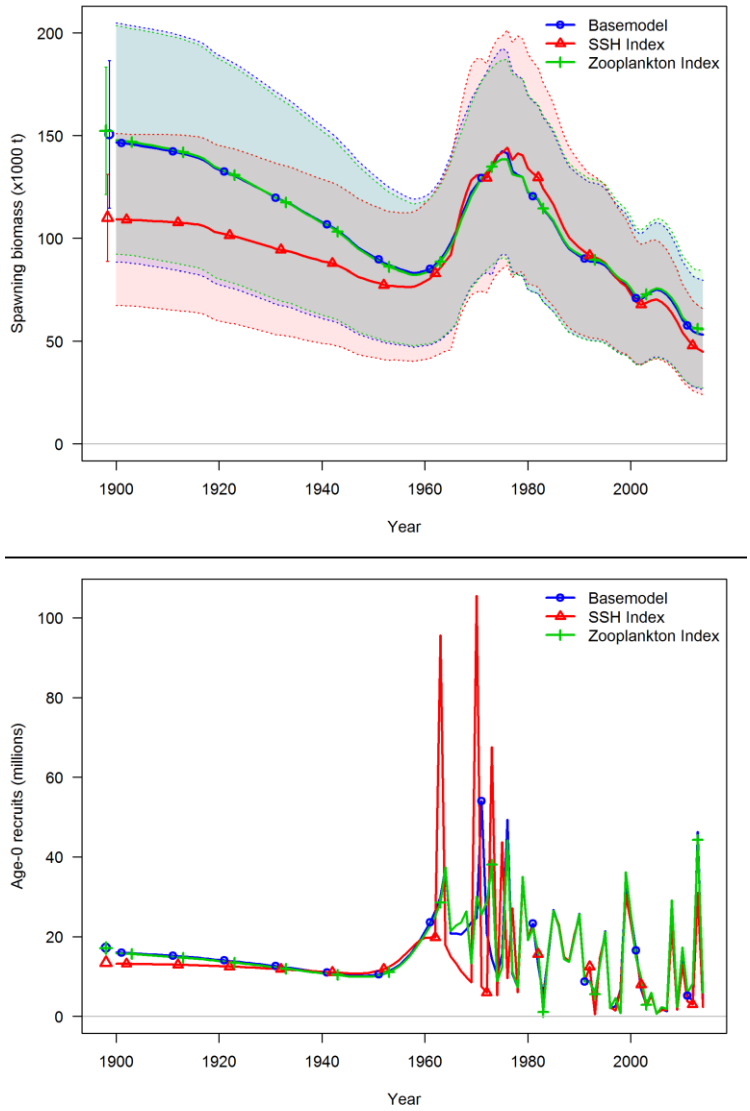

Figure 98. Results of a sensitivity analysis to the inclusion of environmental indices as indices of recruitment deviations.

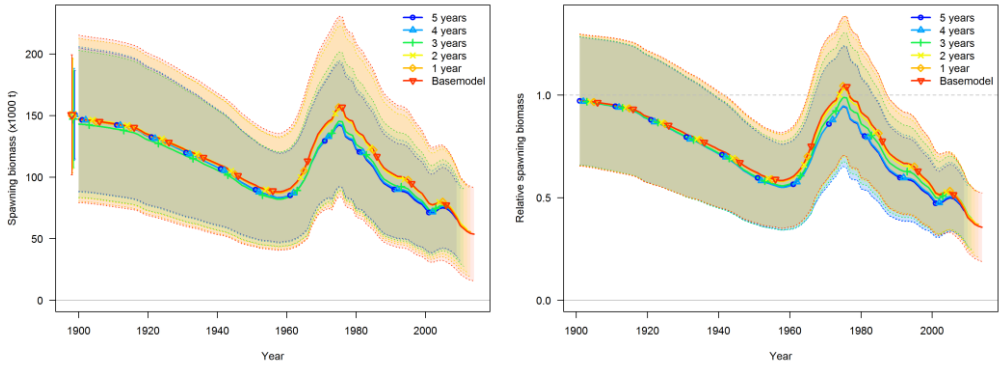

Figure 99. Five year retrospective analysis using the base-case model for comparison.

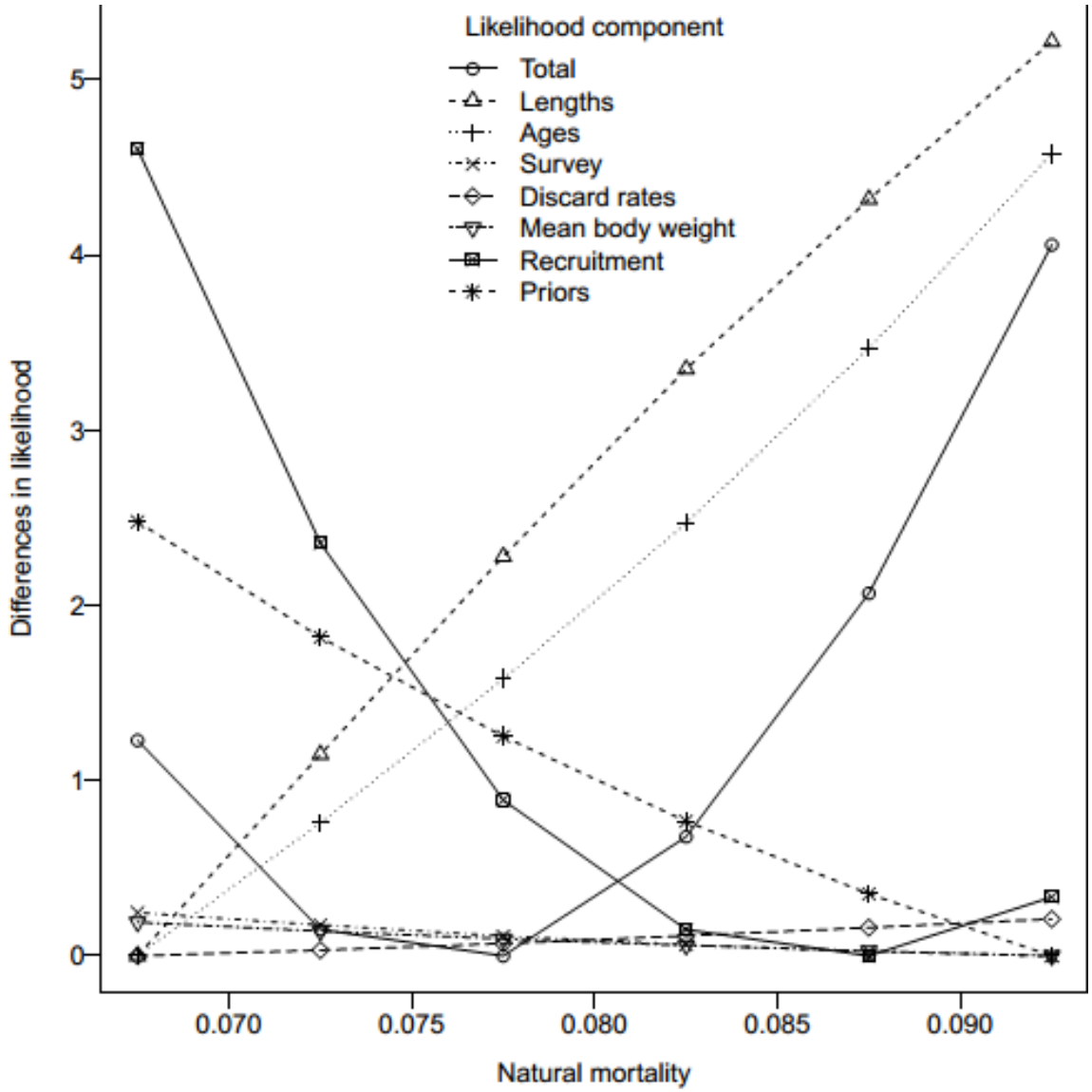

Figure 100. Results of a likelihood profile for female natural mortality (*M*), by data type.

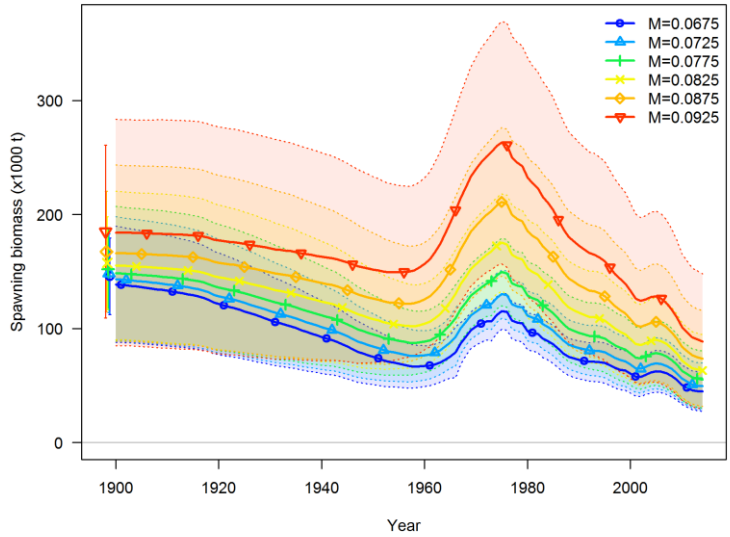

Figure 101. Time-series of spawning stock biomass for different fixed values of female natural mortality (*M*) and their associated uncertainty.

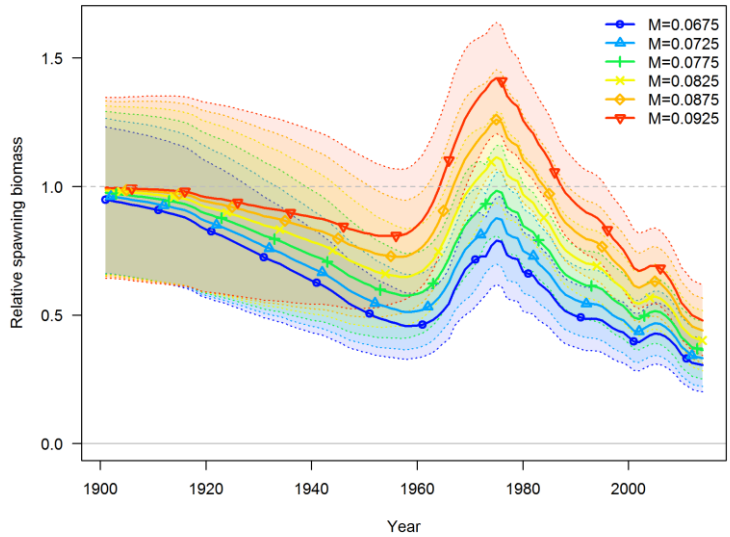

Figure 102. Time-series of relative depletion for different fixed values of female natural mortality (*M*) and their associated uncertainty.

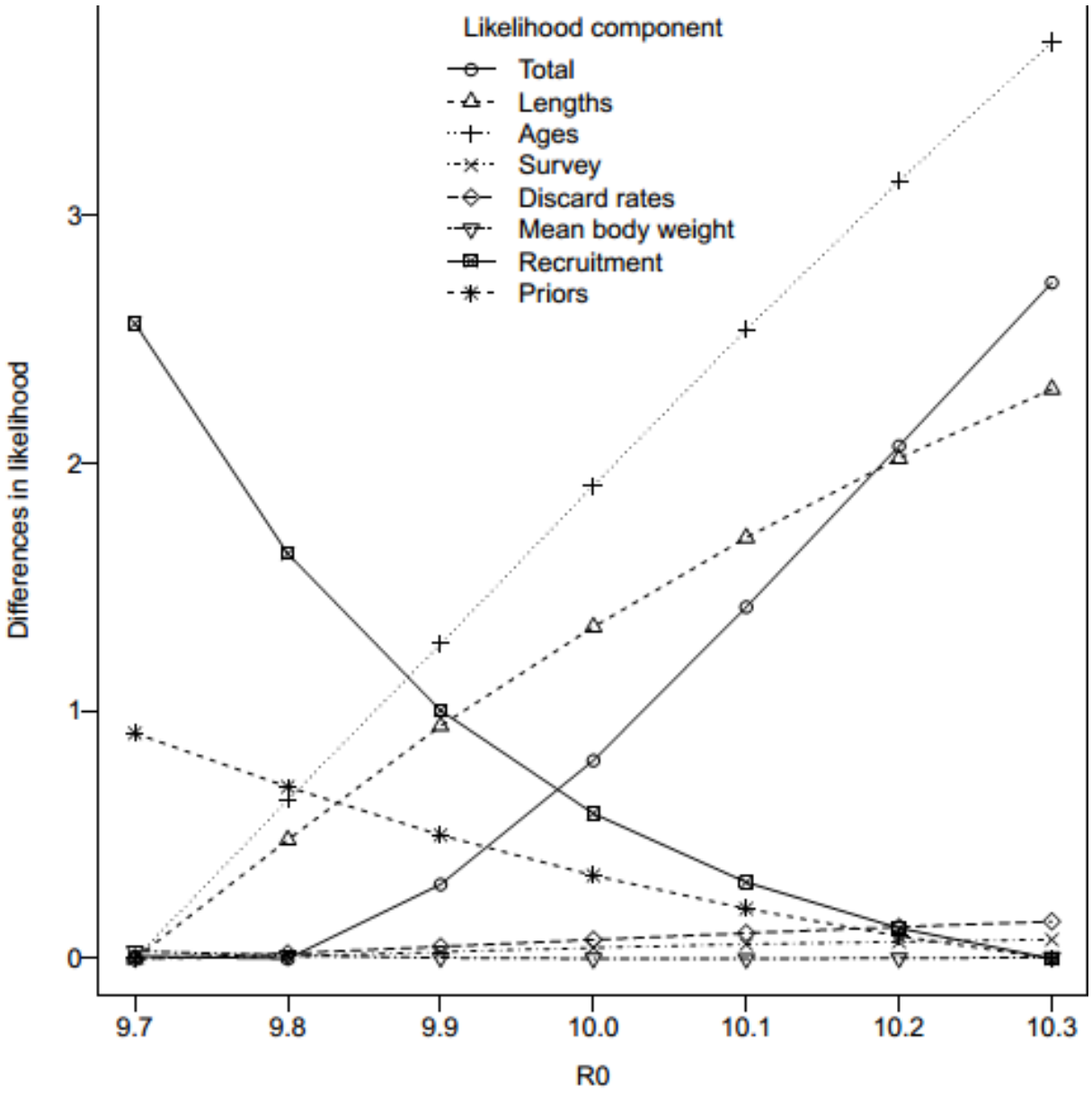

Figure 103. Results of a likelihood profile for equilibrium recruitment (R_0), by data type.

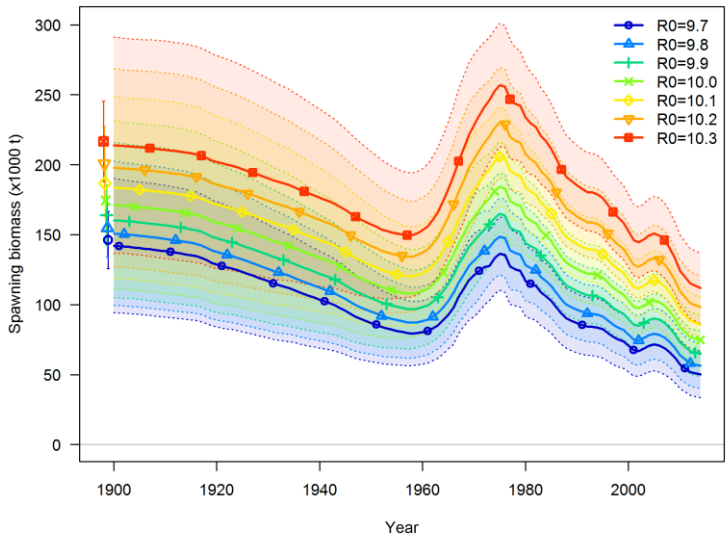

Figure 104. Time-series of spawning stock biomass for different fixed values of equilibrium recruitment (R_0) and their associated uncertainty.

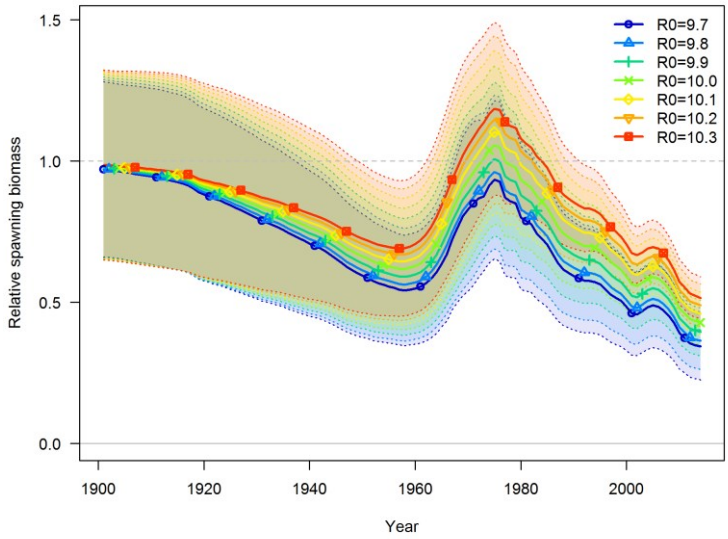

Figure 105. Time-series of relative depletion for different fixed values of equilibrium recruitment (R_0) and their associated uncertainty.

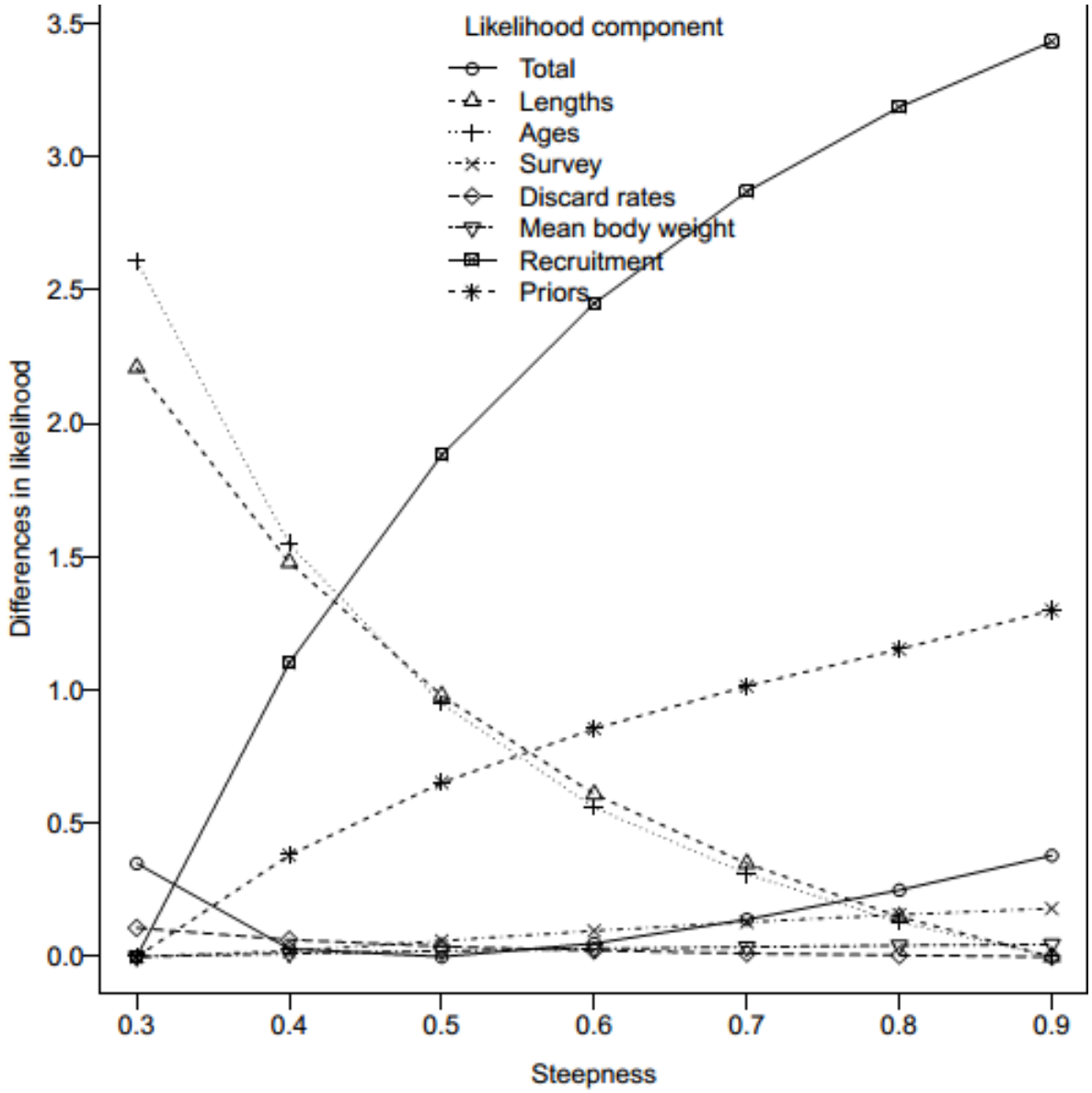

Figure 106. Results of a likelihood profile for steepness (*h*), by data type.

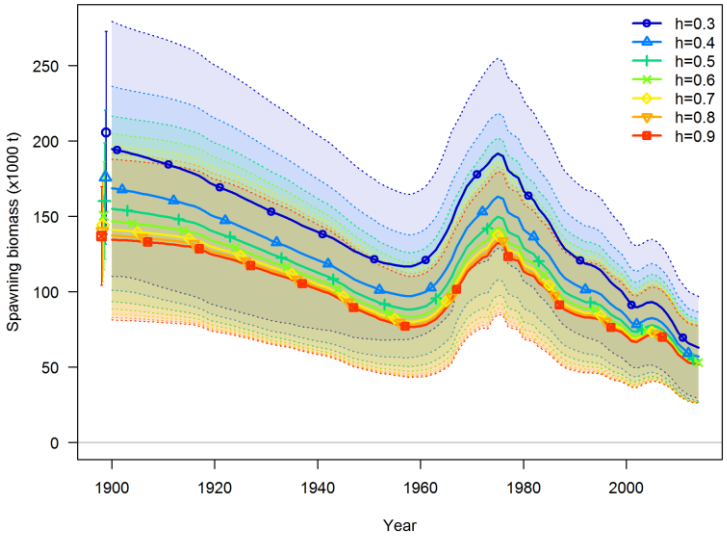

Figure 107. Time-series of spawning stock biomass for different fixed values of steepness (*h*) and their associated uncertainty.

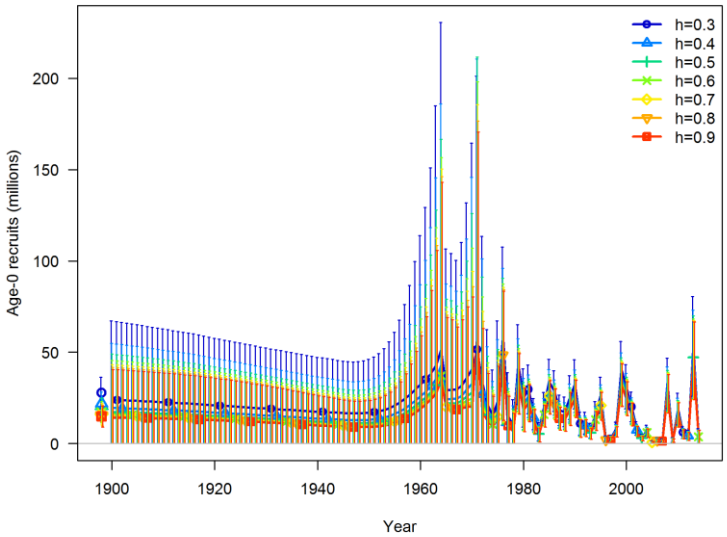

Figure 108. Time-series of relative recruitment for different fixed values of steepness (*h*) and their associated uncertainty (vertical lines).

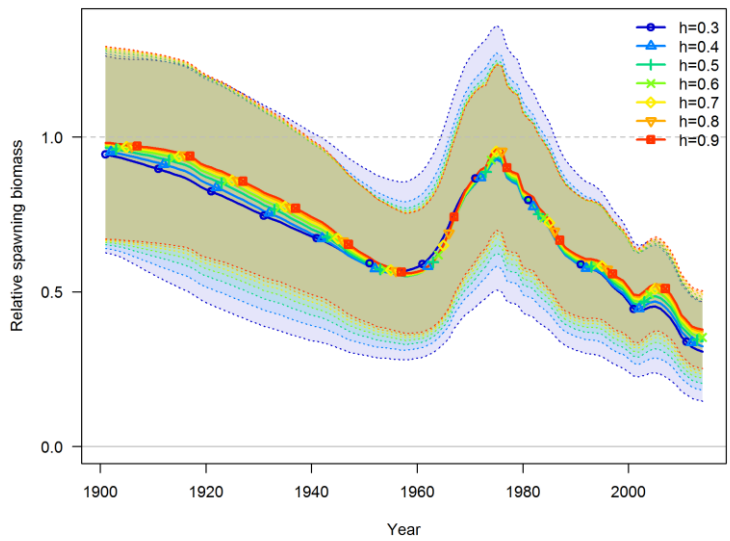

Figure 109. Time-series of relative depletion for different fixed values of steepness (*h*) and their associated uncertainty.

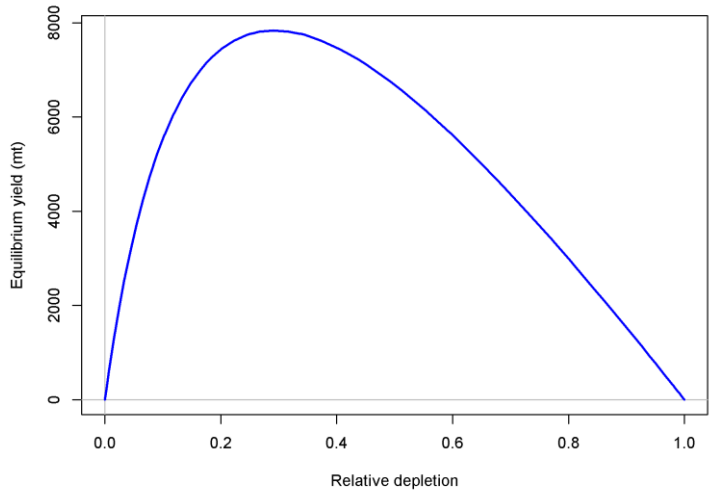

Figure 110. Equilibrium yield curve (total dead catch) for the base-case model.

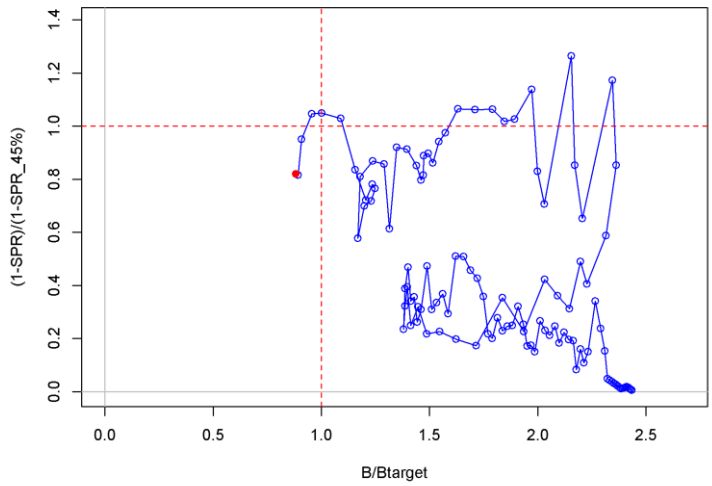

Figure 111. Estimated relative spawning potential ratio relative to the proxy target/limit of 45% vs. esti- mated spawning biomass relative to the proxy 40% level from the base-case model. Higher spawning output occurs on the right side of the x-axis, higher exploitation rates occur on the upper side of the y-axis. The filled red circle indicates 2014. (Plot is based on MLE results).

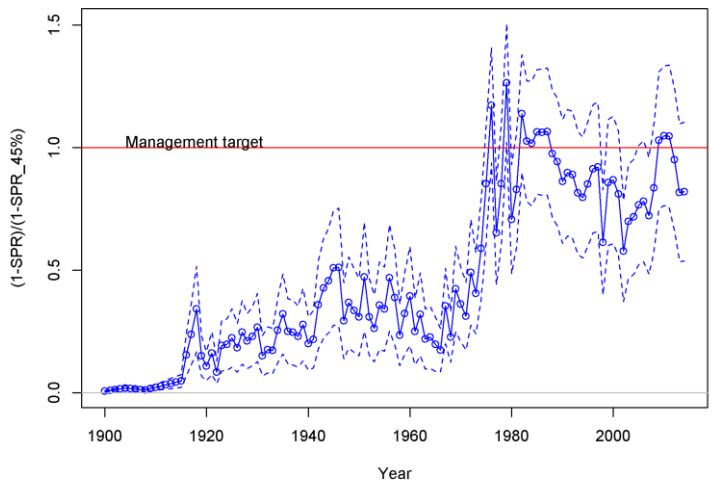

Figure 112. Time series of estimated relative spawning potential ratio ($1 - SPR/1 - SPR_{Target=0.45}$) for the base-case model (round points) with ~95% intervals (dashed lines). Values of relative SPR above 1.0 reflect harvests in excess of the current overfishing proxy.

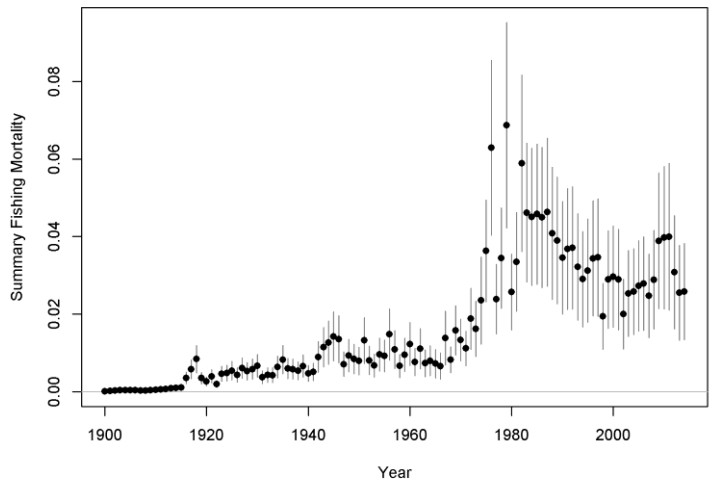

Figure 113. Time series of estimated exploitation fraction (catch/age 4 and older biomass) and their associated uncertainty (vertical lines) for the base-case model.

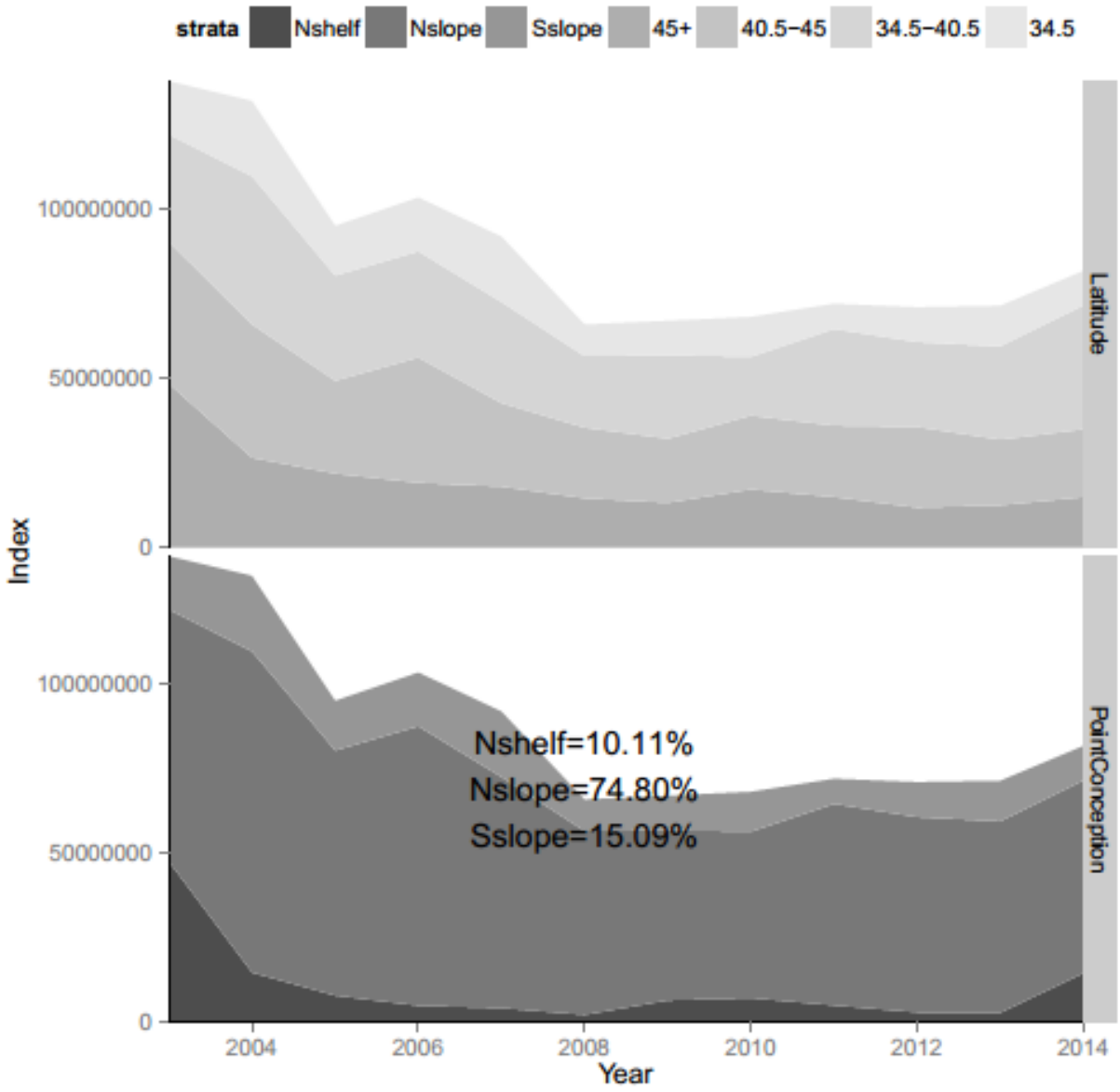

Figure 114. Components of the NWFSC survey trend separated by geography and depth. Percentages are average adult biomass per area over all years.

13 Appendix

A.1 Starter file

```
#C starter file written by R function SS_writestarter
#C rerun model to get more complete formatting in starter.ss_new
#C should work with SS version: SSv3.10b_or_later
#C file write time: 2015-06-02 21:22:20
#
2015_data.ss #_datfile 2015_control.ss #_ctlfile
0 #_init_values_src
1 #_run_display_detail
1 #_detailed_age_structure
0 #_checkup
0 #_parmtrace
0 #_cumreport
0 #_prior_like
0 #_soft_bounds
0 #_N_bootstraps
25 #_last_estimation_phase
1 #_MCMCburn
1 #_MCMCthin
0 #_jitter_fraction
-1 #_minyr_sdreport
-2 #_maxyr_sdreport
0 #_N_STD_yrs
1e-05 #_converge_criterion
0 #_retro_yr
4 #_min_age_summary_bio
1 #_depl_basis
1 #_depl_denom_frac
1 #_SPR_basis
1 #_F_report_units
0 #_F_report_basis
# 999
```

A.2 Control file

```
#V3.24U
#_data_and_control_files: 2011_sablefish_data.SS//2011_sablefish_control.SS
#_SS-V3.24U-safe;_08/29/2014;_Stock_Synthesis_by_Richard_Methot_(NOAA)_using_ADMB_11.2_Win64
1 #_N_Growth_Patterns
1 #_N_Morphs_Within_GrowthPattern
#_Cond 1 #_Morph_between/within_stdev_ratio (no read if N_morphs=1)
#_Cond 1 #vector_Morphdist_(-1_in_first_val_gives_normal_approx)
#
#_Cond 0 # N recruitment designs goes here if N_GP*nseas*area>1
#_Cond 0 # placeholder for recruitment interaction request
#_Cond 1 1 1 # example recruitment design element for GP=1, seas=1, area=1
#
#_Cond 0 # N_movement_definitions goes here if N_areas > 1
#_Cond 1.0 # first age that moves (real age at begin of season, not integer) also cond on do_migration>0
#_Cond 1 1 1 2 4 10 # example move definition for seas=1, morph=1, source=1 dest=2, age1=4, age2=10
#
4 #_Nblock_Patterns
1 1 1 1 #_blocks_per_pattern
# begin and end years of blocks 1900 1996
1982 2010
1942 1946
```

```
1900 2002
#
0.5 #_fracfemale
0 #_natM_type:_0=1Parm; 1=N_breakpoints;_2=Lorenzen;_3=agespecific;_4=agespec_withseasinterpolate
#_no additional input for selected M option; read 1P per morph
1 # GrowthModel: 1=vonBert with L1&L2; 2=Richards with L1&L2; 3=age_speciific_K; 4=not implemented
0.5 #_Growth_Age_for_L1
30 #_Growth_Age_for_L2 (999 to use as Linf)
0 #_SD_add_to_LAA (set to 0.1 for SS2 V1.x compatibility)
0 #_CV_Growth_Pattern: 0 CV=f(LAA); 1 CV=F(A); 2 SD=F(LAA); 3 SD=F(A); 4 logSD=F(A)
1 #_maturity_option: 1=length logistic; 2=age logistic; 3=read age-maturity by GP; 4=read age-fecundity by GP; 5=read fec and wt from wtatage.ss; 6=read length-maturity by GP
#_placeholder for empirical age- or length- maturity by growth pattern (female only)
3 #_First_Mature_Age
1 #_fecundity option:(1)eggs=Wt*(a+b*Wt);(2)eggs=a*L^b;(3)eggs=a*Wt^b; (4)eggs=a+b*L; (5)eggs=a+b*W
0 #_hermaphroditism option: 0=none; 1=age-specific fxn
1 #_parameter_offset_approach (1=none, 2= M, G, CV_G as offset from female-GP1, 3=like SS2 V1.x)
1 #_env/block/dev_adjust_method (1=standard; 2=logistic transform keeps in base parm bounds; 3=standard w/ no bound check)
#
#_growth_parms
#_LO HI INIT PRIOR PR_type SD PHASE env-var use_dev dev_minyr dev_maxyr dev_stddev Block Block_Fxn   0.01 0.11 0.0757999 -2.1791 3 0.3384 3 0 0 0 0 0 0 0 # NatM_p_1_Fem_GP_1
22 30 26.149 22 -1 99 2 0 0 0 0 0 0 0 # L_at_Amin_Fem_GP_1
60 70 64.2267 66 -1 99 2 0 0 0 0 0 0 0 # L_at_Amax_Fem_GP_1
0.15 0.35 0.326784 0.25 -1 99 2 0 0 0 0 0 0 0 # VonBert_K_Fem_GP_1
0.03 0.15 0.078497 0.05 -1 99 2 0 0 0 0 0 0 0 # CV_young_Fem_GP_1
0.03 0.15 0.118391 0.11 -1 99 2 0 0 0 0 0 0 0 # CV_old_Fem_GP_1
0.01 0.11 0.0615699 -2.0565 3 0.3375 3 0 0 0 0 0 0 0 # NatM_p_1_Mal_GP_1
-3 3 0 0 -1 99 -50 0 0 0 0 0 0 0 # L_at_Amin_Mal_GP_1
50 60 56.2739 0 -1 99 2 0 0 0 0 0 0 0 # L_at_Amax_Mal_GP_1
0.2 0.5 0.415657 0 -1 99 2 0 0 0 0 0 0 0 # VonBert_K_Mal_GP_1
-3 3 0 0 -1 99 -50 0 0 0 0 0 0 0 # CV_young_Mal_GP_1
0.03 0.15 0.0779401 0 -1 99 2 0 0 0 0 0 0 0 # CV_old_Mal_GP_1
0 1 3.26728e-006 0 0 99 -50 0 0 0 0 0 0 0 # Wtlen_1_Fem
0 4 3.27596 3.3 0 99 -50 0 0 0 0 0 0 0 # Wtlen_2_Fem
57 59 58 55 0 99 -50 0 0 0 0 0 0 0 # Mat50%_Fem
-3 3 -0.13 -0.25 0 99 -50 0 0 0 0 0 0 0 # Mat_slope_Fem
-3 3 1 1 0 99 -50 0 0 0 0 0 0 0 # Eggs/kg_inter_Fem
-3 3 0 0 0 99 -50 0 0 0 0 0 0 0 # Eggs/kg_slope_wt_Fem
0 1 3.32942e-006 0 0 99 -50 0 0 0 0 0 0 0 # Wtlen_1_Mal
0 4 3.27292 3.3 0 99 -50 0 0 0 0 0 0 0 # Wtlen_2_Mal
-4 4 0 0 -1 99 -50 0 0 0 0 0 0 0 # RecrDist_GP_1
-4 4 0 0 -1 99 -50 0 0 0 0 0 0 0 # RecrDist_Area_1
-4 4 0 0 -1 99 -50 0 0 0 0 0 0 0 # RecrDist_Seas_1
-4 4 0 0 -1 99 -50 0 0 0 0 0 0 0 # CohortGrowDev
#
#_Cond 0 #custom_MG-env_setup (0/1)
#_Cond -2 2 0 0 -1 99 -2 #_placeholder when no MG-environ parameters
#
#_Cond 0 #custom_MG-block_setup (0/1)
#_Cond -2 2 0 0 -1 99 -2 #_placeholder when no MG-block parameters
#_Cond No MG parm trends
#
#_seasonal_effects_on_biology_parms
0 0 0 0 0 0 0 0 0 0 #_femwtlen1,femwtlen2,mat1,mat2,fec1,fec2,Malewtlen1,malewtlen2,L1,K
#_Cond -2 2 0 0 -1 99 -2 #_placeholder when no seasonal MG parameters
#
#_Cond -4 #_MGparm_Dev_Phase
#
#_Spawner-Recruitment
3 #_SR_function: 2=Ricker; 3=std_B-H; 4=SCAA; 5=Hockey; 6=B-H_flattop; 7=survival_3Parm; 8=Shepard_3Parm
#_LO HI INIT PRIOR PR_type SD PHASE 8  12 9.75254 9.8 -1 99 7 # SR_LN(R0)
```

```
0.2 1 0.6 0.6 2 0.223 -9 # SR_BH_steep
0.2 1.5 0.95 0.6 -1 99 -50 # SR_sigmaR
-1 1 0 0 -1 99 -50 # SR_envlink
-1 1 0 0 -1 99 -50 # SR_R1_offset
-1 1 0 0 -1 99 -50 # SR_autocorr
0 #_SR_env_link
0 #_SR_env_target_0=none;1=devs;_2=R0;_3=steepness
1 #do_recdev: 0=none; 1=devvector; 2=simple deviations
1965 # first year of main recr_devs; early devs can preceed this era
2014 # last year of main recr_devs; forecast devs start in following year
6 #_recdev phase
1 # (0/1) to read 13 advanced options
1851 #_recdev_early_start (0=none; neg value makes relative to recdev_start)
6 #_recdev_early_phase
6 #_forecast_recruitment phase (incl. late recr) (0 value resets to maxphase+1)
1 #_lambda for Fcast_recr_like occurring before endyr+1
1971.37 #_last_early_yr_nobias_adj_in_MPD
1980.72 #_first_yr_fullbias_adj_in_MPD  2014 #_last_yr_fullbias_adj_in_MPD
2014.96 #_first_recent_yr_nobias_adj_in_MPD
0.9253 #_max_bias_adj_in_MPD (-1 to override ramp and set biasadj=1.0 for all estimated recdevs)
0 #_period of cycles in recruitment (N parms read below)
-4 #min rec_dev
4 #max rec_dev
0 #_read_recdevs
#_end of advanced SR options
#
#_placeholder for full parameter lines for recruitment cycles
# read specified recr devs
#_Yr Input_value
#Fishing Mortality info
0.02 # F ballpark for annual F (=Z-M) for specified year
-2000 # F ballpark year (neg value to disable)
1 # F_Method: 1=Pope; 2=instan. F; 3=hybrid (hybrid is recommended)
0.9 # max F or harvest rate, depends on F_Method
# no additional F input needed for Fmethod 1
# if Fmethod=2; read overall start F value; overall phase; N detailed inputs to read
# if Fmethod=3; read N iterations for tuning for Fmethod 3
#
#_initial_F_parms
#_LO HI INIT PRIOR PR_type SD PHASE
-1 1 0 0 -1 99 -1 # InitF_1HKL
-1 1 0 0 -1 99 -1 # InitF_2POT
-1 1 0 0 -1 99 -1 # InitF_3TWL
#
#_Q_setup
# Q_type options: <0=mirror, 0=float_nobiasadj, 1=float_biasadj, 2=parm_nobiasadj, 3=parm_w_random_dev, 4=parm_w_randwalk, 5=mean_unbiased_float_assign_to_parm
#_for_env-var:_enter_index_of_the_env-var_to_be_linked
#_Den-dep env-var extra_se Q_type 0 0 0 0 # 1 HKL
0 0 0 0 # 2 POT
0 0 0 0 # 3 TWL
0 0 0 0 # 4 ENV
0 0 1 4 # 5 AKSHLF 0 0 1 0 # 6 AKSLP 0 0 1 0 # 7 NWSLP 0 0 1 0 # 8 NWCBO
#
1 #_0=read one parm for each fleet with random q; 1=read a parm for each year of index
#_Q_parms(if_any);Qunits_are_ln(q)
# LO HI INIT PRIOR PR_type SD PHASE
0.1 1.3 0.346255 0 -1 99 3 # Q_extraSD_5_AKSHLF
0.001 0.7 0.0652329 0 -1 99 3 # Q_extraSD_6_AKSLP
0.001 0.8 0.0942713 0 -1 99 3 # Q_extraSD_7_NWSLP
0.001 0.4 0 0 -1 99 -3 # Q_extraSD_8_NWCBO
```

```
-3 0.5 -1.14156 0 -1 99 1 # LnQ_base_5_AKSHLF
-2 2 0 0 -1 99 -50 # Q_walk_5y_1983
-2 2 0 0 -1 99 -50 # Q_walk_5y_1986
-2 2 0 0 -1 99 -50 # Q_walk_5y_1989
-2 2 0 0 -1 99 -50 # Q_walk_5y_1992
-2 3 0.666567 0 -1 99 1 # Q_walk_5y_1995
-2 2 0 0 -1 99 -50 # Q_walk_5y_1998
-2 2 0 0 -1 99 -50 # Q_walk_5y_2001
-2 2 0 0 -1 99 -50 # Q_walk_5y_2004
#
#_size_selex_types
#discard_options:_0=none;_1=define_retention;_2=retention&mortality;_3=all_discarded_dead
#_Pattern Discard Male Special 0 2 0 0 # 1 HKL
0 2 0 0 # 2 POT
0 2 0 0 # 3 TWL
31 0 0 0 # 4 ENV
0 0 0 0 # 5 AKSHLF 0 0 0 0 # 6 AKSLP 0 0 0 0 # 7 NWSLP 0 0 0 0 # 8 NWCBO
#
#_age_selex_types
#_Pattern     Male Special 27 0 1 4 # 1 HKL
27 0 1 4 # 2 POT
27 0 1 5 # 3 TWL
11 0 0 0 # 4 ENV
20 0 0 0 # 5 AKSHLF
20 0 0 0 # 6 AKSLP
20 0 0 0 # 7 NWSLP
20 0 0 0 # 8 NWCBO
#_LO HI INIT PRIOR PR_type SD PHASE env-var use_dev dev_minyr dev_maxyr dev_stddev Block Block_Fxn   25 45 31.3007 30 -1 99 6 0 0 0 0 0 3 2 # Retain_1P_1_HKL
0.001 4 1 1 -1 99 -6 0 0 0 0 0 0 0 # Retain_1P_2_HKL
0.7 1 0.864362 1 -1 99 6 0 0 0 0 0 1 2 # Retain_1P_3_HKL
-10 10 0 0 -1 99 -50 0 0 0 0 0 0 0 # Retain_1P_4_HKL
8 70 28 18 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_1P_1_HKL
0.001 2 0.01 1 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_1P_2_HKL
0.01 0.8 0.2 0.1 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_1P_3_HKL
-10 10 0 0 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_1P_4_HKL
35 60 50.548 30 -1 99 6 0 0 0 0 0 3 2 # Retain_2P_1_POT
3 20 6.80474 1 -1 99 6 0 0 0 0 0 0 0 # Retain_2P_2_POT
0.6 1 1 1 -1 99 -6 0 0 0 0 0 1 2 # Retain_2P_3_POT
-10 10 0 0 -1 99 -50 0 0 0 0 0 0 0 # Retain_2P_4_POT
8 70 28 18 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_2P_1_POT
0.001 2 0.01 1 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_2P_2_POT
0.01 0.8 0.2 0.1 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_2P_3_POT
-10 10 0 0 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_2P_4_POT
35 55 44.9488 32 -1 99 6 0 0 0 0 0 3 2 # Retain_3P_1_TWL
1 5 2.58835 1 -1 99 6 0 0 0 0 0 0 0 # Retain_3P_2_TWL
0.7 1 1 1 -1 99 -99 0 0 0 0 0 2 2 # Retain_3P_3_TWL
-10 10 0 0 -1 99 -50 0 0 0 0 0 0 0 # Retain_3P_4_TWL
8 70 28 18 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_3P_1_TWL
0.001 2 0.01 1 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_3P_2_TWL
0.1 0.8 0.5 0.5 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_3P_3_TWL
-10 10 0 0 -1 99 -50 0 0 0 0 0 0 0 # DiscMort_3P_4_TWL
-2 2 0 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Code_HKL_1
-5 5 0.854638 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_GradLo_HKL_1
-5 2 -0.651292 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_GradHi_HKL_1
0 35 2 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_1_HKL_1
0 35 6 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_2_HKL_1
0 35 9 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_3_HKL_1
0 35 13 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_4_HKL_1
-5 3 -0.793301 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_Val_1_HKL_1
-5 3 0 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Val_2_HKL_1
```

```
-5 3 0.101271 0 -1 99 5 0 0 0 0 0 4 2 # AgeSpline_Val_3_HKL_1
-5 3 -0.840225 0 -1 99 5 0 0 0 0 0 4 2 # AgeSpline_Val_4_HKL_1
1 25 10 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSel_1MaleDogleg_HKL
-1 1 0 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSel_1MaleatZero_HKL
-3 1 -1.26337 0 -1 99 5 0 0 0 0 0 0 0 # AgeSel_1MaleatDogleg_HKL
-4 1 -1.32376 0 -1 99 5 0 0 0 0 0 0 0 # AgeSel_1MaleatMaxage_HKL
-2 2 0 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Code_POT_2
-2 5 0.70058 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_GradLo_POT_2
-5 2 -0.225742 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_GradHi_POT_2
0 35 2 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_1_POT_2
0 35 4 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_2_POT_2
0 35 8 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_3_POT_2
0 35 12 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_4_POT_2
-5 3 -1.53901 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_Val_1_POT_2
-5 3 -0.999956 0 -1 99 5 0 0 0 0 0 4 2 # AgeSpline_Val_2_POT_2
-5 3 0 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Val_3_POT_2
-5 3 -1.15464 0 -1 99 5 0 0 0 0 0 4 2 # AgeSpline_Val_4_POT_2
1 25 10 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSel_2MaleDogleg_POT
-1 1 0 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSel_2MaleatZero_POT
-3 1 -1.19601 0 -1 99 5 0 0 0 0 0 0 0 # AgeSel_2MaleatDogleg_POT
-4 1 -1.42383 0 -1 99 5 0 0 0 0 0 0 0 # AgeSel_2MaleatMaxage_POT
-2 2 0 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Code_TWL_3
-1 5 0.708636 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_GradLo_TWL_3
-5 2 -0.244502 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_GradHi_TWL_3
0 35 1 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_1_TWL_3
0 35 2 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_2_TWL_3
0 35 4 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_3_TWL_3
0 35 8 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_4_TWL_3
0 35 12 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Knot_5_TWL_3
-5 3 0.186149 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_Val_1_TWL_3
-5 3 0.0210982 0 -1 99 5 0 0 0 0 0 4 2 # AgeSpline_Val_2_TWL_3
-5 3 0 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSpline_Val_3_TWL_3
-5 3 -0.168647 0 -1 99 5 0 0 0 0 0 4 2 # AgeSpline_Val_4_TWL_3
-5 3 -0.764385 0 -1 99 5 0 0 0 0 0 0 0 # AgeSpline_Val_5_TWL_3
1 25 4 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSel_3MaleDogleg_TWL
-1 1 0 0 -1 99 -99 0 0 0 0 0 0 0 # AgeSel_3MaleatZero_TWL
-3 1 0.0410431 0 -1 99 5 0 0 0 0 0 0 0 # AgeSel_3MaleatDogleg_TWL
-1 1 -0.250315 0 -1 99 5 0 0 0 0 0 0 0 # AgeSel_3MaleatMaxage_TWL
0 5 0.1 3 -1 99 -99 0 0 0 0 0 0 0 # AgeSel_4P_1_ENV
1 60 50 3 -1 99 -99 0 0 0 0 0 0 0 # AgeSel_4P_2_ENV
1 12 1.5 1 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_5P_1_AKSHLF
-5 5 -4 0.3 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_5P_2_AKSHLF
0.001 10 0.5 5 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_5P_3_AKSHLF
0.001 10 1.80892 4 -1 99 4 0 0 0 0 0 0 0 # AgeSel_5P_4_AKSHLF
-5 5 -3.82624 -5 -1 99 4 0 0 0 0 0 0 0 # AgeSel_5P_5_AKSHLF
-5 5 -4.99 -5 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_5P_6_AKSHLF
1 12 2.75844 1 -1 99 4 0 0 0 0 0 0 0 # AgeSel_6P_1_AKSLP
-5 5 -4 0.3 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_6P_2_AKSLP
0.001 10 0.1 5 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_6P_3_AKSLP
0.001 10 0.988977 4 -1 99 4 0 0 0 0 0 0 0 # AgeSel_6P_4_AKSLP
-5 5 -1.1497 -5 -1 99 4 0 0 0 0 0 0 0 # AgeSel_6P_5_AKSLP
-5 5 -0.682197 -5 -1 99 4 0 0 0 0 0 0 0 # AgeSel_6P_6_AKSLP
1 12 3 1 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_7P_1_NWSLP
-5 5 -4 0.3 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_7P_2_NWSLP
0.001 10 1.4297 5 -1 99 4 0 0 0 0 0 0 0 # AgeSel_7P_3_NWSLP
0.001 10 0.924864 4 -1 99 4 0 0 0 0 0 0 0 # AgeSel_7P_4_NWSLP
-5 5 -3.96896 -5 -1 99 4 0 0 0 0 0 0 0 # AgeSel_7P_5_NWSLP
-5 5 0.27261 -5 -1 99 4 0 0 0 0 0 0 0 # AgeSel_7P_6_NWSLP
0.1 5 1.5 1 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_8P_1_NWCBO
-5 5 -4 0.3 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_8P_2_NWCBO
```

```
0.001 5 0.5 5 -1 99 -4 0 0 0 0 0 0 0 # AgeSel_8P_3_NWCBO
0.001 10 3.19634 4 -1 99 4 0 0 0 0 0 0 0 # AgeSel_8P_4_NWCBO
-5 5 -1.10598 -5 -1 99 4 0 0 0 0 0 0 0 # AgeSel_8P_5_NWCBO
-5 5 -0.949029 -5 -1 99 4 0 0 0 0 0 0 0 # AgeSel_8P_6_NWCBO
#_Cond 0 #_custom_sel-env_setup (0/1)
#_Cond -2 2 0 0 -1 99 -2 #_placeholder when no enviro fxns
1 #_custom_sel-blk_setup (0/1)
25 45 25 30 -1 99 -99 # Retain_1P_1_HKL_BLK3repl_1942
0.7 1 1 1 -1 99 -99 # Retain_1P_3_HKL_BLK1repl_1900
25 45 25 30 -1 99 -99 # Retain_2P_1_POT_BLK3repl_1942
0.7 1 1 1 -1 99 -99 # Retain_2P_3_POT_BLK1repl_1900
25 45 25 30 -1 99 -99 # Retain_3P_1_TWL_BLK3repl_1942
0.7 1 0.923736 1 -1 99 6 # Retain_3P_3_TWL_BLK2repl_1982
-5 3 -0.274532 0 -1 99 5 # AgeSpline_Val_3_HKL_1_BLK4repl_1900
-5 3 -0.712287 0 -1 99 5 # AgeSpline_Val_4_HKL_1_BLK4repl_1900
-5 3 0.0757188 0 -1 99 5 # AgeSpline_Val_2_POT_2_BLK4repl_1900
-5 3 -0.134174 0 -1 99 5 # AgeSpline_Val_4_POT_2_BLK4repl_1900
-5 3 0.155211 0 -1 99 5 # AgeSpline_Val_2_TWL_3_BLK4repl_1900
-5 3 -0.765513 0 -1 99 5 # AgeSpline_Val_4_TWL_3_BLK4repl_1900
#_Cond No selex parm trends
#_Cond -4 # placeholder for selparm_Dev_Phase
1 #_env/block/dev_adjust_method (1=standard; 2=logistic trans to keep in base parm bounds; 3=standard w/ no bound check)
#
# Tag loss and Tag reporting parameters go next
0 # TG_custom: 0=no read; 1=read if tags exist
#_Cond -6 6 1 1 2 0.01 -4 0 0 0 0 0 0 0 #_placeholder if no parameters
#
1 #_Variance_adjustments_to_input_values
#_fleet: 1 2 3 4 5 6 7 8
0 0 0 0 0 0 0 0 #_add_to_survey_CV
0.015 0.024 0.097 0 0 0 0 0 #_add_to_discard_stddev
0.206 0.087 0 0 0 0 0 0 #_add_to_bodywt_CV
0.1459 1.0423 0.2461 1 0.1843 1.2635 0.557 0.742 #_mult_by_lencomp_N
0.8444 2.116 1.675 1 0.2735 0.0041 0.2011 0.2366 #_mult_by_agecomp_N
1 1 1 1 1 1 1 1 #_mult_by_size-at-age_N
#
1 #_maxlambdaphase
1 #_sd_offset
#
1 # number of changes to make to default Lambdas (default value is 1.0)
# Like_comp codes: 1=surv; 2=disc; 3=mnwt; 4=length; 5=age; 6=SizeFreq; 7=sizeage; 8=catch; 9=init_equ_catch;
# 10=recrdev; 11=parm_prior; 12=parm_dev; 13=CrashPen; 14=Morphcomp; 15=Tag-comp; 16=Tag-negbin; 17=F_ballpark
#like_comp fleet/survey phase value sizefreq_method  1 4 1 0 1
# 0 # F_ballpark_lambda
0 # (0/1) read specs for more stddev reporting
# 0 1 -1 5 1 5 1 -1 5 # placeholder for selex type, len/age, year, N selex bins, Growth pattern, N growth ages, NatAge_area(-1 for all), NatAge_yr, N Natages
# placeholder for vector of selex bins to be reported
# placeholder for vector of growth ages to be reported
# placeholder for vector of NatAges ages to be reported
999
```

A.3 Forecast file

```
#C forecast file written by R function SS_writeforecast
#C rerun model to get more complete formatting in forecast.ss_new
#C should work with SS version: SSv3.21_or_later
#C file write time: 2015-06-02 21:25:04
#
1 #_benchmarks
2 #_MSY
0.45 #_SPRtarget
```

```
0.4 #_Btarget
#_Bmark_years: beg_bio end_bio beg_selex end_selex beg_alloc end_alloc  2012 2014 2012 2014 2012 2014
2 #_Bmark_relF_Basis
1 #_Forecast
12 #_Nforecastyrs
1 #_F_scalar
#_Fcast_years: beg_selex, end_selex, beg_relF, end_relF  2012 2014 2012 2014
1 #_ControlRuleMethod
0.4 #_BforconstantF
0.1 #_BfornoF
0.913 #_Flimitfraction
3 #_N_forecast_loops
3 #_First_forecast_loop_with_stochastic_recruitment
-1 #_Forecast_loop_control_3
0 #_Forecast_loop_control_4
0 #_Forecast_loop_control_5
2017 #_FirstYear_for_caps_and_allocations
0 #_stddev_of_log_catch_ratio
0 #_Do_West_Coast_gfish_rebuilder_output  1999 #_Ydecl
2002 #_Yinit
1 #_fleet_relative_F
2 #_basis_for_fcast_catch_tuning
# max totalcatch by fleet (-1 to have no max)
-1 -1 -1
# max totalcatch by area (-1 to have no max)
-1
# fleet assignment to allocation group (enter group ID# for each fleet, 0 for not included in an alloc group)  1 1 1
# allocation fraction for each of: 1 allocation groups  1
6 #_Ncatch
2 #_InputBasis
#_Year Seas Fleet Catch_or_F 2015 1 1 3021
2015 1 2 1474
2015 1 3 2017
2016 1 1 3304
2016 1 2 1612
2016 1 3 2205
#
999 # verify end of input
```

A.4 Data file

```
#C data file created using the SS_writedat function in the R package r4ss
#C should work with SS version:
#C file write time: 2015-05-13 13:24:55
#
1900 #_styr
2014 #_endyr
1 #_nseas
12 #_months_per_seas
1 #_spawn_seas
3 #_Nfleet
5 #_Nsurveys
1 #_N_areas
HKL%POT%TWL%ENV%AKSHLF%AKSLP%NWSLP%NWCBO #_fleetnames
0.5 0.5 0.5 0.5 0.5 0.666 0.5 0.5 #_surveytiming_in_season
1 1 1 1 1 1 1 1 #_area_assignments_for_each_fishery_and_survey
1 1 1 #_units of catch: 1=bio; 2=num
0.01 0.01 0.01 #_se of log(catch) only used for init_eq_catch and for Fmethod 2 and 3
2 #_Ngenders
```

```
50 #_Nages
0 0 0 #_init_equil_catch_for_each_fishery
115 #_N_lines_of_catch_to_read
#_HKL POT TWL year seas 50 0 0 1900 1
76 0 1 1901 1
103 0 3 1902 1
129 0 4 1903 1
156 0 6 1904 1
138 0 7 1905 1
121 0 8 1906 1
103 0 10 1907 1
86 0 11 1908 1
129 0 12 1909 1
173 0 14 1910 1
216 0 15 1911 1
260 0 16 1912 1
303 0 18 1913 1
347 0 19 1914 1
390 0 20 1915 1
1309 0 42 1916 1
1856 0 318 1917 1
2941 0 204 1918 1
1117 0 168 1919 1
628 0 324 1920 1
997 0 416 1921 1
508 0 194 1922 1
1344 0 294 1923 1
1258 0 434 1924 1
1519 0 384 1925 1
1272 0 227 1926 1
1610 0 466 1927 1
1213 0 560 1928 1
1233 0 710 1929 1
1564 0 657 1930 1
763 0 449 1931 1
928 0 461 1932 1
865 0 499 1933 1
1370 0 665 1934 1
1714 0 897 1935 1
1553 0 327 1936 1
1579 0 232 1937 1
1418 0 243 1938 1
1757 0 258 1939 1
1187 0 216 1940 1
1251 0 272 1941 1
1888 0 775 1942 1
1613 0 1747 1943 1
1412 0 2224 1944 1
1638 0 2390 1945 1
2431 0 1308 1946 1
1451 0 436 1947 1
1667 0 782 1948 1
1461 0 711 1949 1
1190 0 808 1950 1
1711 0 1567 1951 1
1073 0 901 1952 1
952 0 672 1953 1
1318 0 975 1954 1
1297 0 880 1955 1
973 0 2425 1956 1
```

```
1605 0 936 1957 1
767 0 752 1958 1
1242 0 960 1959 1
1686 0 1185 1960 1
1061 0 742 1961 1
1016 0 1607 1962 1
954 0 850 1963 1
1014 0 1025 1964 1
913 0 1012 1965 1
742 0 1121 1966 1
2458 0 1812 1967 1
1421 0 1308 1968 1
3406 0 2068 1969 1
1653 114 2837 1970 1
1228 181 2475 1971 1
2810 273 3534 1972 1
945 453 4273 1973 1
1948 3180 3463 1974 1
1593 8747 3949 1975 1
1185 19308 3879 1976 1
1522 3731 3480 1977 1
1868 5859 4526 1978 1
4535 12269 7105 1979 1
1596 2987 4469 1980 1
1981 3914 5524 1981 1
1789 6574 10265 1982 1
1181 6045 7426 1983 1
1066 4500 8449 1984 1
2909 3950 7273 1985 1
3546 2986 6618 1986 1
3946 2082 6574 1987 1
3070 2146 5528 1988 1
2438 2074 5772 1989 1
2213 1679 5173 1990 1
3458 1068 4975 1991 1
3103 802 5456 1992 1
2334 848 4964 1993 1
2379 1371 3829 1994 1
2996 1067 3852 1995 1
3363 751 4203 1996 1
3587 584 3771 1997 1
1761 442 2170 1998 1
2713 738 3170 1999 1
2714 853 2689 2000 1
2362 673 2596 2001 1
1749 472 1568 2002 1
2283 799 2213 2003 1
2515 816 2411 2004 1
2807 997 2399 2005 1
2604 1053 2538 2006 1
2060 688 2489 2007 1
2301 675 2892 2008 1
3274 863 3061 2009 1
3379 910 2539 2010 1
3231 1449 1724 2011 1
2561 1179 1498 2012 1
1865 846 1402 2013 1
1868 1032 1256 2014 1
71 #_N_cpue
#_Fleet Units Errtype 1 1 0
```

```
2 1 0
3 1 0
4 0 0
5 1 0
6 1 0
7 1 0
8 1 0
#_year seas index obs se_log 1970 1 4 10.4104 0.1483000
1971 1 4 0.6499 0.6227000
1972 1 4 0.4807 0.6209000
1973 1 4 10.3181 0.2131000
1974 1 4 0.7534 1.1999000
1975 1 4 5.2160 0.1892000
1976 1 4 1.4153 1.0509000
1977 1 4 4.9977 0.4523000
1978 1 4 0.7637 1.5626000
1979 1 4 3.4751 0.6061000
1980 1 4 0.9452 2.3078000
1981 1 4 0.8755 0.8003000
1982 1 4 0.6607 1.5054000
1983 1 4 0.2032 0.2480000
1984 1 4 0.4881 0.6487000
1985 1 4 1.8898 0.3416000
1986 1 4 1.1477 0.9818000
1987 1 4 1.6983 0.7855000
1988 1 4 0.7729 1.1609000
1989 1 4 1.0631 2.1419000
1990 1 4 0.7924 1.0508000
1991 1 4 2.0548 0.6557000
1992 1 4 0.4943 0.9670000
1993 1 4 0.0399 0.2218000
1994 1 4 0.9285 1.1810000
1995 1 4 0.8404 1.1709000
1996 1 4 0.4063 1.0159000
1997 1 4 0.1117 0.2457000
1998 1 4 0.4804 0.4509000
1999 1 4 2.6274 0.2145000
2000 1 4 0.7715 0.9929000
2001 1 4 4.2575 0.2814000
2002 1 4 3.8671 0.2283000
2003 1 4 0.5242 1.2227000
2004 1 4 0.9335 1.2841000
2005 1 4 0.1794 0.3796000
2006 1 4 0.3235 0.7306000
2007 1 4 2.6041 0.5635000
2008 1 4 3.0029 0.0461000
2009 1 4 1.3593 1.1120000
2010 1 4 0.4473 0.8766000
1980 1 5 35776.0000 0.1459000
1983 1 5 14929.0000 0.0657000
1986 1 5 14637.0000 0.0693000
1989 1 5 24066.0000 0.0743000
1992 1 5 31872.0000 0.1028000
1995 1 5 14868.0000 0.0630000
1998 1 5 19600.0000 0.0743000
2001 1 5 58023.0000 0.0777000
2004 1 5 54054.0000 0.0707000
1997 1 6 73396.0000 0.0878000
1999 1 6 48614.0000 0.0826000
2000 1 6 61359.0000 0.0748000
```

```
2001 1 6 67881.0000 0.0774000
1998 1 7 34074.0000 0.0750000
1999 1 7 48992.0000 0.0667000
2000 1 7 50780.0000 0.0691000
2001 1 7 40109.0000 0.0674000
2002 1 7 48955.0000 0.0630000
2003 1 8 137700.1678 0.1343000
2004 1 8 131927.4159 0.1377963
2005 1 8 95044.2495 0.1269857
2006 1 8 103404.0790 0.1268102
2007 1 8 91888.9774 0.1441203
2008 1 8 65933.4037 0.1311557
2009 1 8 67017.2403 0.1576315
2010 1 8 68165.4740 0.1354267
2011 1 8 72041.3990 0.1438072
2012 1 8 71031.0866 0.1553608
2013 1 8 71455.7050 0.1536262
2014 1 8 81750.0995 0.1407407
3 #_N_discard_fleets
#_discard_units (1=same_as_catchunits(bio/num); 2=fraction; 3=numbers)
#_discard_errtype: >0 for DF of T-dist(read CV below); 0 for normal with CV; -1 for normal with se; -2 for lognormal
#_Fleet units errtype 1 2 -1
2 2 -1
3 2 -1
39 #_N_discard
#_Yr Seas Flt Discard Std_in 2002 1 1 0.227510853 0.05076646
2003 1 1 0.189132641 0.03256285
2004 1 1 0.088036540 0.01403528
2005 1 1 0.103789471 0.01831026
2006 1 1 0.117505585 0.03055094
2007 1 1 0.111304212 0.02051224
2008 1 1 0.155524996 0.02460913
2009 1 1 0.085927581 0.01862218
2010 1 1 0.127265287 0.01357856
2011 1 1 0.184731455 0.02737911
2012 1 1 0.262992903 0.05009931
2013 1 1 0.199610936 0.03467001
2002 1 2 0.345827488 0.05492818
2003 1 2 0.285215081 0.04854284
2004 1 2 0.387902773 0.08877569
2005 1 2 0.167107376 0.02759636
2006 1 2 0.179399916 0.03163481
2007 1 2 0.254366742 0.03635622
2008 1 2 0.165935408 0.04780367
2009 1 2 0.165373845 0.03165977
2010 1 2 0.234466020 0.04923485
2011 1 2 0.175491384 0.05987053
2012 1 2 0.171685247 0.07156765
2013 1 2 0.111940992 0.03799070
1986 1 3 0.373100000 0.25770000
1987 1 3 0.363700000 0.23680000
1988 1 3 0.353200000 0.22900000
2002 1 3 0.589824802 0.05419510
2003 1 3 0.251208124 0.02068169
2004 1 3 0.248311404 0.03498777
2005 1 3 0.187615014 0.02111741
2006 1 3 0.122629027 0.01849850
2007 1 3 0.121924954 0.02159052
2008 1 3 0.055348492 0.01280803
2009 1 3 0.099734598 0.02326473
```

2010 1 3 0.146669538 0.02053104
2011 1 3 0.006257606 0.04163085
2012 1 3 0.004995960 0.04163085
2013 1 3 0.011049905 0.04163085
36 #_N_meanbodywt
300 #_DF_for_meanbodywt_T-distribution_like
#_Year Seas Type Partition Value CV 2002 1 1 1 1.7362727 0.09813302
2003 1 1 1 1.3956860 0.09004177
2004 1 1 1 1.5197596 0.10286370
2005 1 1 1 2.1426549 0.10956200
2006 1 1 1 2.0402435 0.12047956
2007 1 1 1 2.2565707 0.08498110
2008 1 1 1 2.1812955 0.07511789
2009 1 1 1 2.1397347 0.17124994
2010 1 1 1 1.1658975 0.06006814
2011 1 1 1 1.2948774 0.04724069
2012 1 1 1 1.3518991 0.03832875
2013 1 1 1 1.4735074 0.06785312
2002 1 2 1 1.4062898 0.05514253
2003 1 2 1 1.3524032 0.05057286
2004 1 2 1 1.5244458 0.08322270
2005 1 2 1 1.6682970 0.05942715
2006 1 2 1 1.6142291 0.09024435
2007 1 2 1 1.6660619 0.09710512
2008 1 2 1 1.9855130 0.09661378
2009 1 2 1 1.5956734 0.09017769
2010 1 2 1 1.2028708 0.10220602
2011 1 2 1 1.4666753 0.06350035
2012 1 2 1 1.2515470 0.11150281
2013 1 2 1 1.4074047 0.12846372
2002 1 3 1 0.9372065 0.09274554
2003 1 3 1 1.0746504 0.04837577
2004 1 3 1 1.2094955 0.04259777
2005 1 3 1 1.0336638 0.07453197
2006 1 3 1 1.1341348 0.04917356
2007 1 3 1 1.3241785 0.05842064
2008 1 3 1 1.1460691 0.27422054
2009 1 3 1 0.5263365 0.31078124
2010 1 3 1 0.7402323 0.11034278
2011 1 3 1 0.5214344 0.53513949
2012 1 3 1 0.5963460 0.33022953
2013 1 3 1 0.4861638 0.25098066
3 # length bin method: 1=use databins; 2=generate from binwidth,min,max below; 3=read vector
87 #_N_lbinspop
#_lbin_vector_pop
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90
-1 #_comp_tail_compression 1e-04 #_add_to_comp
0 #_combine males into females at or below this bin number
36 #_N_lbins
#_lbin_vector
20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90
156 #_N_Length_comp_observations
#_Yr Seas FltSvy Gender Part Nsamp f20 f22 f24 f26 f28 f30 f32 f34 f36 f38 f40 f42 f44 f46 f48 f50 f52 f54 f56 f58 f60 f62 f64 f66 f68 f70 f72 f74 f76 f78 f80 f82 f84 f86 f88 f90 m20 m22 m24 m26 m28 m30 m32 m34 m36 m38 m40 m42 m44 m46 m48 m50 m52 m54 m56 m58 m60 m62 m64 m66 m68 m70 m72 m74 m76 m78 m80 m82 m84 m86 m88 m90
2005 1 1 0 1 1 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000e+00 0.0000000000 0.000000e+00 0.0000000000 0.0000000000
0.000000e+00 0.0000000000 0.000000e+00 0.0000000000 0.3157894737 0.000000e+00 0.0000000000 0.000000e+00 0.000000e+00 0.000000e+00 6.842105e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e
+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000e+00 0.0000000000 0.000000e+00 0.0000000000

0.0000000000 0.000000e+00 0.0000000000 0.000000e+00 0.0000000000 0.3157894737 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.842105e-01 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

2006 1 1 0 1 36 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.106339e-03 0.000000e+00 0.0152616033 0.0492012909 0.0522268990 0.060562391 0.107274169 7.023823e-02 0.0815598789 6.633045e-02 0.1507366653 0.0801256211

1.272513e-01 0.0661100172 4.477049e-02 0.0102746483 0.0021288147 9.423380e-03 0.0000000000 0.000000e+00 0.000000e+00 0.000000e+00 4.177797e-04 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e

+00 0.000000e+00 0.000000e+00 0.000000e+00 6.106339e-03 0.000000e+00 0.0152616033 0.0492012909 0.0522268990 0.060562391 0.107274169 7.023823e-02 0.0815598789 6.633045e-02 0.1507366653 0.0801256211 1.272513e-01 0.0661100172 4.477049e-02 0.0102746483 0.0021288147 9.423380e-03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 4.177797e-04 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

2007 1 1 0 1 74 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.482070e-04 7.770226e-05 0.0134926347 0.0014669461 0.0079074212 0.043983413 0.048158704 1.183496e-01 0.1514614845 2.061653e-01 0.1401978963 0.0913632284

8.427323e-02 0.0457020300 1.837255e-02 0.0225785878 0.0058011434 0.000000e+00 0.0000000000 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e

+00 0.000000e+00 0.000000e+00 0.000000e+00 6.482070e-04 7.770226e-05 0.0134926347 0.0014669461 0.0079074212 0.043983413 0.048158704 1.183496e-01 0.1514614845 2.061653e-01 0.1401978963 0.0913632284 8.427323e-02 0.0457020300 1.837255e-02 0.0225785878 0.0058011434 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

2008 1 1 0 1 80 1.172660e-04 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 6.808412e-05 2.198738e-03 0.0007895494 0.0076892519 0.0101165877 0.022275975 0.034440271 4.541198e-02 0.1201784543 1.914531e-01 0.1490668198 0.1371524679

1.072657e-01 0.0906943782 3.856777e-02 0.0272718975 0.0086114841 3.202796e-03 0.0024072433 1.020215e-03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.172660e-04 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e

+00 0.000000e+00 0.000000e+00 0.000000e+00 6.808412e-05 2.198738e-03 0.0007895494 0.0076892519 0.0101165877 0.022275975 0.034440271 4.541198e-02 0.1201784543 1.914531e-01 0.1490668198 0.1371524679 1.072657e-01 0.0906943782 3.856777e-02 0.0272718975 0.0086114841 3.202796e-03 2.407243e-03 1.020215e-03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

2009 1 1 0 1 55 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.452216e-03 8.645282e-03 5.576745e-02 1.468949e-01 0.2156420488 0.0909309491 0.0242137990 0.015986477 0.041156434 6.968475e-02 0.0724304095 5.930724e-02 0.0351813946 0.0220060314

2.926563e-02 0.0932559209 8.415290e-03 0.0006742356 0.0006742356 8.415290e-03 0.0000000000 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e

+00 0.000000e+00 1.452216e-03 8.645282e-03 5.576745e-02 1.468949e-01 0.2156420488 0.0909309491 0.0242137990 0.015986477 0.041156434 6.968475e-02 0.0724304095 5.930724e-02 0.0351813946 0.0220060314 2.926563e-02 0.0932559209 8.415290e-03 0.0006742356 0.0006742356 8.415290e-03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

2010 1 1 0 1 170 0.000000e+00 1.165962e-04 4.164152e-05 2.513311e-04 7.336684e-04 1.233085e-03 1.866415e-03 2.418883e-03 6.932833e-03 3.709394e-02 0.0894798841 0.1961571402 0.1811445310 0.148649509 0.080965837 5.494053e-02 0.0427592498 3.463730e-02 0.0411148634 0.0312035638

2.689378e-02 0.0128994759 4.015232e-03 0.0010535040 0.0012223133 3.773383e-04 0.0016982558 0.000000e+00 0.000000e+00 0.000000e+00 9.929956e-05 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.165962e-04 4.164152e-05 2.513311e-04 7.336684e

-04 1.233085e-03 1.866415e-03 2.418883e-03 6.932833e-03 3.709394e-02 0.0894798841 0.1961571402 0.1811445310 0.148649509 0.080965837 5.494053e-02 0.0427592498 3.463730e-02 0.0411148634 0.0312035638 2.689378e-02 0.0128994759 4.015232e-03 0.0010535040 0.0012223133 3.773383e-04 1.698256e-03 0.000000e+00 0.000000e+00 0.000000e+00 9.929956e-05 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

2011 1 1 0 1 131 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.976543e-03 4.800424e-04 1.502221e-03 1.966468e-03 4.216861e-03 1.220056e-02 0.0150139773 0.0447948137 0.0999476131 0.188688406 0.203638941 1.493199e-01 0.1213142014 7.319204e-02 0.0298272615 0.0279790629

9.724712e-03 0.0045275045 1.011737e-03 0.0012341686 0.0024472930 1.253841e-03 0.0024880100 0.000000e+00 0.000000e+00 1.967277e-05 1.234169e-03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 1.976543e

-03 4.800424e-04 1.502221e-03 1.966468e-03 4.216861e-03 1.220056e-02 0.0150139773 0.0447948137 0.0999476131 0.188688406 0.203638941 1.493199e-01 0.1213142014 7.319204e-02 0.0298272615 0.0279790629 9.724712e-03 0.0045275045 1.011737e-03 0.0012341686 0.0024472930 1.253841e-03 2.488010e-03 0.000000e+00 0.000000e+00 1.967277e-05 1.234169e-03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

2012 1 1 0 1 121 0.000000e+00 0.000000e+00 5.916552e-04 3.944368e-04 4.930460e-05 0.000000e+00 0.000000e+00 8.233501e-04 1.488268e-03 5.531355e-03 0.0282560621 0.0755866831 0.1321895307 0.140512199 0.163852531 1.446938e-01 0.1638850754 8.726561e-02 0.0334213642 0.0120070405

5.149910e-03 0.0027861559 4.586066e-04 0.0000000000 0.0000000000 0.000000e+00 0.0010570136 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 5.916552e-04 3.944368e-04 4.930460e

-05 0.000000e+00 0.000000e+00 8.233501e-04 1.488268e-03 5.531355e-03 0.0282560621 0.0755866831 0.1321895307 0.140512199 0.163852531 1.446938e-01 0.1638850754 8.726561e-02 0.0334213642 0.0120070405 5.149910e-03 0.0027861559 4.586066e-04 0.0000000000 0.0000000000 0.000000e+00 1.057014e-03 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

2013 1 1 0 1 49 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 7.482420e-04 1.547500e-03 0.0083446327 0.0370120605 0.0749250484 0.146880439 0.164136287 2.332073e-01 0.1882758565 8.250841e-02 0.0287126261 0.0233064399

6.281036e-03 0.0037353908 3.787559e-04 0.0000000000 0.0000000000 0.000000e+00 0.0000000000 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e

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36 #_N_agebins
#_agebin_vector
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35
1 #_N_ageerror_definitions
#_age0 age1 age2 age3 age4 age5 age6 age7 age8 age9 age10 age11 age12 age13 age14 age15 age16 age17 age18 age19 age20 age21 age22 age23 age24 age25 age26 age27 age28 age29 age30 age31 age32 age33 age34 age35 age36 age37 age38 age39 age40 age41 age42 age43 age44 age45 age46 age47 age48 age49 age50
-1e+00 -1.0000 -1.0000 -1.0000 -1.0000 -1.000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.000 -1.000 -1.0000 -1.0000 -1.000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000
-1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.0000 -1.000 -1.0000
1e-04 0.1037 0.2075 0.4094 0.6059 0.797 0.9831 1.1642 1.3403 1.5118 1.6786 1.841 1.999 2.1528 2.3024 2.448 2.5897 2.7275 2.8617 2.9923 3.1193 3.243 3.3633 3.4804 3.5943 3.7052 3.8131 3.9181 4.0202 4.1197 4.2164 4.3106 4.4022 4.4914 4.5781 4.6626 4.7447 4.8247 4.9025 4.9782
5.0519 5.1236 5.1934 5.2613 5.3273 5.3916 5.4542 5.5151 5.5743 5.632 5.6881
1447 #_N_agecomp
3 #_Lbin_method: 1=poplenbins; 2=datalenbins; 3=lengths

0 #_combine males into females at or below this bin number
#_Yr Seas FltSvy Gender Part Ageerr Lbin_lo Lbin_hi Nsamp f0 f1 f2 f3 f4 f5 f6 f7 f8 f9 f10 f11 f12 f13 f14 f15 f16 f17 f18 f19 f20 f21 f22 f23 f24 f25 f26 f27 f28 f29 f30 f31 f32 f33 f34 f35 m0 m1 m2 m3 m4 m5 m6 m7 m8 m9 m10 m11 m12 m13 m14 m15 m16 m17 m18 m19 m20 m21 m22 m23 m24 m25 m26 m27 m28 m29 m30 m31 m32 m33 m34 m35
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0.0110017985 0.0144177926 0.038813945 0.047289080 0.0346903065 0.0256416358 0.0494642521 0.0329872050 0.014417793 0.018329177 0.0183291773 0.0000000000 0.0128208179 0.0311499952 0.0183291773 0.0000000000 0.0091645886 0.0000000000 1.282082e-02 0.000000e+00 0.0204945587
0.0091645886 0.0000000000 0.0000000000 0.0000000000 0.0091645886 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0201663871 0.0000000000 0.000000000
1994 1 2 3 2 1 -1 -1 4.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.069730269 0.142155333 0.137176966 0.0132866878 0.053291443 0.0643981498 0.0532190971 0.0121367164 0.0399324093 0.0000000000 0.0000000000 0.0060683582 0.0000000000 0.0049783676 0.0182050745
0.0060683582 0.0000000000 0.0193550459 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000
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0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0132866878 0.0000000000 0.0049783676 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000000
1995 1 2 3 2 1 -1 -1 7.0 0.000000e+00 8.076875e-03 0.0000000000 0.0270513586 0.102599541 0.136768476 0.138437534 0.0677840702 0.036184880 0.0205104186 0.0204273805 0.0094934338 0.0028810257 0.0000000000 0.0124335437 0.0000000000 0.0000000000 0.0000000000 0.0014405128
0.0000000000 0.0094934338 0.0094934338 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0094934338 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000
0.0119052101 0.0480410448 0.027063743 0.106249437 0.0838416347 0.0399641699 0.0213986439 0.0299798986 0.000000000 0.000000000 0.0094934338 0.0000000000 0.0094934338 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.000000e+00 0.0000000000
0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000000

1996 1 2 3 2 1 -1 -1 17.0 0.000000e+00 0.000000e+00 0.0000000000 0.0092594174 0.019647943 0.045250088 0.083160363 0.1072606183 0.090623088 0.0654769851 0.0493236729 0.0291501840 0.0331710059 0.0125938799 0.0151207234 0.0035395398 0.0078674407 0.0101828419 0.0052449604
0.0000000000 0.0000000000 0.0052449604 0.0026224802 0.0000000000 0.0000000000 0.0026224802 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000 0.0016412490 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000
0.0000000000 0.0208720661 0.031949198 0.056144843 0.0413455256 0.0515845191 0.0170690514 0.0309140025 0.010489921 0.022260132 0.0213430723 0.0121311699 0.0128053221 0.0154278023 0.0016515408 0.0078674407 0.0000000000 0.0061620200 2.622480e-03 1.048992e-02 0.0026224802
0.0016412490 0.0026224802 0.0052449604 0.0000000000 0.0078674407 0.0000000000 0.0026224802 0.0000000000 0.0000000000 0.0000000000 0.0026224802 0.002622480
1997 1 2 3 2 1 -1 -1 29.0 0.000000e+00 0.000000e+00 0.0130092303 0.0780220711 0.119934557 0.082761799 0.068326181 0.0880806919 0.081481846 0.0250560543 0.0253575861 0.0066845496 0.0211190039 0.0066820575 0.0083074043 0.0070980777 0.0020716012 0.0055904725 0.0000000000
0.0005482692 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0015811422 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000 0.0000000000 0.0015275785 0.0000000000 0.0004806471 0.0000000000 0.000000e+00 0.0021723092
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0.0000000000 0.0012891529 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000000
1999 1 2 3 2 1 -1 -1 15.0 0.000000e+00 0.000000e+00 0.0000000000 0.0314126165 0.215861698 0.093972747 0.021619261 0.0518862274 0.076121736 0.0658045416 0.0578377824 0.0112639513 0.0129715568 0.0086477046 0.0259431137 0.0156259197 0.0086477046 0.0129715568 0.0000000000
0.0000000000 0.0000000000 0.0000000000 0.0043238523 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0007531791
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0.0043238523 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.005951555
2000 1 2 3 2 1 -1 -1 16.0 0.000000e+00 0.000000e+00 0.0000000000 0.0066737468 0.093130163 0.194626843 0.091572345 0.0325293218 0.021448126 0.0578873713 0.0667550382 0.0372289774 0.0128502850 0.0062373217 0.0038557224 0.0038557224 0.0113621184 0.0000000000 0.0038557224
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0.0012637379 0.0000000000 0.0000000000 0.0000000000 0.0038557224 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0038557224 0.0000000000 0.000000000
2001 1 2 3 2 1 -1 -1 14.0 0.000000e+00 0.000000e+00 0.0091874320 0.0109915375 0.016550355 0.051638874 0.138830228 0.0797981682 0.043284124 0.0374041889 0.0238093923 0.0715930887 0.0214690190 0.0175785000 0.0318137854 0.0265814522 0.0225175158 0.0153535901 0.0053751115
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0.0053751115 0.0067516578 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.006751658
2002 1 2 3 2 1 -1 -1 11.0 0.000000e+00 0.000000e+00 0.0000000000 0.0101821611 0.011615558 0.018398803 0.053229323 0.0939537743 0.051450500 0.0161564246 0.0262974929 0.0528855151 0.0583230743 0.0445221068 0.0399943902 0.0346298517 0.0071740692 0.0212064124 0.0261638770
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2003 1 2 3 2 1 -1 -1 10.0 0.000000e+00 0.000000e+00 0.0000000000 0.0584409578 0.244097147 0.044956723 0.024353865 0.0550511322 0.142689977 0.0434112541 0.0100682114 0.0414549262 0.0164065482 0.0215887183 0.0085275179 0.0158016965 0.0072741786 0.0072741786 0.0000000000
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2004 1 2 3 2 1 -1 -1 6.0 0.000000e+00 0.000000e+00 0.0000000000 0.0344863991 0.297336549 0.314610751 0.060771130 0.0691692389 0.025208319 0.0346084492 0.0011879837 0.0092780797 0.0218260585 0.0000000000 0.0000000000 0.0075865543 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000000
2005 1 2 3 2 1 -1 -1 7.0 0.000000e+00 0.000000e+00 0.0000000000 0.0162666799 0.062068203 0.385456658 0.118411106 0.0247668464 0.032265836 0.0207671524 0.0606880566 0.0000000000 0.0216147358 0.0056155798 0.0095384780 0.0263827322 0.0162666799 0.0000000000 0.0000000000
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0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000000

2006 1 2 3 2 1 -1 -1 5.0 0.000000e+00 0.000000e+00 0.0132304104 0.0132304104 0.091994475 0.034967979 0.318272636 0.1143000017 0.025842423 0.0000000000 0.0079770858 0.0000000000 0.0000000000 0.0000000000 0.0256990959 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000000

2007 1 2 3 2 1 -1 -1 15.0 0.000000e+00 5.075246e-04 0.0005075246 0.0005075246 0.019885615 0.041971237 0.145532921 0.3806556719 0.147831738 0.0175143906 0.0126555699 0.0035023548 0.0103985323 0.0114440583 0.0093354355 0.0000000000 0.0027041662 0.0004266969 0.0011753108

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2009 1 2 3 2 1 -1 -1 16.0 0.000000e+00 0.000000e+00 0.0002670521 0.0119313048 0.010858911 0.093713952 0.060462098 0.0539682923 0.076070994 0.1752767644 0.0702153781 0.0074411521 0.0142180704 0.0095212614 0.0082927507 0.0125836746 0.0039434328 0.0045077003 0.0051770216

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2010 1 2 3 2 1 -1 -1 11.0 0.000000e+00 6.147035e-03 0.0878214332 0.0146369055 0.017183747 0.033084440 0.076943634 0.0493624345 0.054943415 0.0564533280 0.1729834347 0.0786309978 0.0180260311 0.0075490753 0.0172805337 0.0074834358 0.0021741525 0.0000000000 0.0000000000

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2011 1 2 3 2 1 -1 -1 11.0 0.000000e+00 0.000000e+00 0.0088268939 0.0870634777 0.022185304 0.009687740 0.022324209 0.0005976276 0.017977364 0.0160754329 0.0237173802 0.0903376439 0.0370853989 0.0294096833 0.0256434971 0.0287441171 0.0247408088 0.0294810069 0.0079082474

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2012 1 2 3 2 1 -1 -1 3.0 0.000000e+00 0.000000e+00 0.0000000000 0.0838789829 0.167757966 0.058774237 0.000000000 0.0279596610 0.027959661 0.0293871187 0.0573467797 0.0308145764 0.0279596610 0.0895888138 0.0014274577 0.0000000000 0.0014274577 0.0000000000 0.0279596610

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2013 1 2 3 2 1 -1 -1 10.0 0.000000e+00 0.000000e+00 0.0000000000 0.0196645554 0.023121306 0.058325339 0.007088395 0.0036067608 0.004260707 0.0089332381 0.0335501796 0.0168425559 0.0240683509 0.0499919561 0.0178606243 0.0246227934 0.0222639503 0.0121700250 0.0295722157

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1986 1 3 3 2 1 -1 -1 138.0 0.000000e+00 7.611521e-02 0.0732508364 0.0248134549 0.044604863 0.047345283 0.053229466 0.0383101921 0.019396066 0.0112335073 0.0131043845 0.0060554931 0.0105830442 0.0050174219 0.0034132622 0.0039992996 0.0005215097 0.0003867792 0.0014094706

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1987 1 3 3 2 1 -1 -1 145.0 0.000000e+00 2.497808e-02 0.0907660087 0.0630703105 0.031406899 0.033122850 0.032091849 0.0236712678 0.023538660 0.0220237420 0.0152991969 0.0100736011 0.0127129211

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0.0248000000 0.0000000000 0.0000000000 0.0176000000 0.000000e+00 0.000000e+00 0.0000000000
0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0101000000 0.0171000000 0.024800000
1997 1 6 1 0 1 52 52 44.0 0.000000e+00 0.000000e+00 0.0326000000 0.0000000000 0.128200000 0.234500000 0.024000000 0.1076000000 0.018000000 0.0581000000 0.0297000000 0.0204000000 0.0000000000
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1997 1 6 1 0 1 54 54 49.0 0.000000e+00 0.000000e+00 0.0000000000 0.0282000000 0.161700000 0.102300000 0.057300000 0.0392000000 0.061800000 0.0868000000 0.0761000000 0.0569000000 0.0338000000
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0.0175000000 0.0243000000 0.0000000000 0.0091000000 0.0396000000 0.0039000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0138000000 0.000000e+00 0.0000000000 0.0175000000 0.0000000000 0.0000000000 0.0254000000 0.0000000000 0.000000e+00 0.0000000000

0.0282000000 0.1617000000 0.102300000 0.057300000 0.0392000000 0.0618000000 0.0868000000 0.0761000000 0.056900000 0.033800000 0.0120000000 0.0000000000 0.0459000000 0.0321000000 0.0440000000 0.0108000000 0.0175000000 0.0243000000 0.000000e+00 9.100000e-03 0.0396000000

0.0039000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0138000000 0.0000000000 0.0000000000 0.0175000000 0.0000000000 0.0000000000 0.025400000

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0.0156000000 0.0080000000 0.0113000000 0.0043000000 0.0249000000 0.0133000000 0.0271000000 0.0077000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000 0.0158000000 0.0000000000 0.0000000000 0.0658000000 0.0000000000 0.000000e+00 0.0000000000

0.0746000000 0.0770000000 0.132200000 0.070100000 0.0379000000 0.0154000000 0.0171000000 0.0430000000 0.026900000 0.086100000 0.0222000000 0.0295000000 0.0390000000 0.0896000000 0.0159000000 0.0296000000 0.0156000000 0.0080000000 1.130000e-02 4.300000e-03 0.0249000000

0.0133000000 0.0271000000 0.0077000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0158000000 0.0000000000 0.0000000000 0.065800000

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0.0209000000 0.0279000000 0.0369000000 0.0414000000 0.0101000000 0.0134000000 0.0085000000 0.0625000000 0.0153000000 0.0142000000 0.0048000000 0.000000e+00 0.0000000000 0.0000000000 0.0000000000 0.0933000000 0.1247000000 0.0000000000 0.000000e+00 0.0089000000

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0.0134000000 0.0085000000 0.0625000000 0.0153000000 0.0142000000 0.0048000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0933000000 0.124700000

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0.0075000000 0.1257000000 0.006800000 0.006800000 0.0760000000 0.0879000000 0.0319000000 0.0177000000 0.063200000 0.036100000 0.0322000000 0.0079000000 0.0294000000 0.0350000000 0.0067000000 0.0154000000 0.0200000000 0.0373000000 0.000000e+00 0.000000e+00 0.0374000000

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0.1549000000 0.0116000000 0.0116000000 0.0207000000 0.0000000000 0.0154000000 0.0000000000 0.0151000000 0.0000000000 0.0316000000 0.0116000000 0.000000e+00 0.0000000000 0.0000000000 0.0065000000 0.0298000000 0.1097000000 0.0000000000 0.000000e+00 0.0000000000

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1997 1 6 1 0 1 74 74 9.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0800000000 0.322300000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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1997 1 6 2 0 1 38 38 6.0 0.000000e+00 0.000000e+00 0.0000000000 0.5697000000 0.090100000 0.340100000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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1997 1 6 2 0 1 40 40 14.0 0.000000e+00 0.000000e+00 0.6935000000 0.0803000000 0.162300000 0.014500000 0.027700000 0.0000000000 0.021700000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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1997 1 6 2 0 1 46 46 39.0 0.000000e+00 0.000000e+00 0.1481000000 0.1234000000 0.075900000 0.155000000 0.118700000 0.0446000000 0.013300000 0.0000000000 0.0102000000 0.1370000000 0.0299000000 0.0419000000 0.0000000000 0.0282000000 0.0000000000 0.0000000000 0.0000000000
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1997 1 6 2 0 1 48 48 50.0 0.000000e+00 0.000000e+00 0.0095000000 0.1182000000 0.083100000 0.257600000 0.120600000 0.0240000000 0.032600000 0.0313000000 0.0102000000 0.0534000000 0.0485000000 0.0066000000 0.0067000000 0.0556000000 0.0165000000 0.0056000000 0.0254000000
0.0046000000 0.0120000000 0.0054000000 0.0158000000 0.0000000000 0.0000000000 0.0000000000 0.0124000000 0.0000000000 0.0097000000 0.0000000000 1.580000e-02 0.0000000000 0.0000000000 0.0000000000 0.0054000000 0.0137000000 0.0000000000 0.000000e+00 0.0095000000
0.1182000000 0.0831000000 0.257600000 0.120600000 0.0240000000 0.0326000000 0.0313000000 0.0102000000 0.053400000 0.048500000 0.0066000000 0.0067000000 0.0556000000 0.0165000000 0.0056000000 0.0254000000 0.0046000000 0.0120000000 5.400000e-03 1.580000e-02 0.0000000000
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1997 1 6 2 0 1 50 50 52.0 0.000000e+00 0.000000e+00 0.0991000000 0.0464000000 0.052000000 0.028500000 0.080400000 0.0232000000 0.157400000 0.0786000000 0.0071000000 0.0402000000 0.0399000000 0.0578000000 0.0782000000 0.0436000000 0.0053000000 0.0062000000 0.0335000000
0.0127000000 0.0088000000 0.0000000000 0.0000000000 0.0000000000 0.0077000000 0.0000000000 0.0000000000 0.0042000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000 0.0094000000 0.0000000000 0.0000000000 0.0799000000 0.0000000000 0.000000e+00 0.0991000000
0.0464000000 0.0520000000 0.028500000 0.080400000 0.0232000000 0.1574000000 0.0786000000 0.0071000000 0.040200000 0.039900000 0.0578000000 0.0782000000 0.0436000000 0.0053000000 0.0062000000 0.0335000000 0.0127000000 0.0088000000 0.000000e+00 0.000000e+00 0.0000000000
0.0077000000 0.0000000000 0.0000000000 0.0042000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0094000000 0.0000000000 0.0000000000 0.079900000

1997 1 6 2 0 1 52 52 53.0 0.000000e+00 0.000000e+00 0.0247000000 0.1342000000 0.139700000 0.000000000 0.016700000 0.0127000000 0.039000000 0.1004000000 0.0326000000 0.0111000000 0.0332000000 0.0378000000 0.0132000000 0.0000000000 0.0062000000 0.0349000000 0.0000000000

0.0177000000 0.0177000000 0.0053000000 0.0154000000 0.0367000000 0.0336000000 0.0000000000 0.0117000000 0.0182000000 0.0289000000 0.0480000000 0.000000e+00 0.0073000000 0.0125000000 0.0000000000 0.0093000000 0.1013000000 0.0000000000 0.000000e+00 0.0247000000

0.1342000000 0.1397000000 0.000000000 0.016700000 0.0127000000 0.0390000000 0.1004000000 0.0326000000 0.011100000 0.033200000 0.0378000000 0.0132000000 0.0000000000 0.0062000000 0.0349000000 0.0000000000 0.0177000000 0.0177000000 5.300000e-03 1.540000e-02 0.0367000000

0.0336000000 0.0000000000 0.0117000000 0.0182000000 0.0289000000 0.0480000000 0.0000000000 0.0073000000 0.0125000000 0.0000000000 0.0093000000 0.101300000

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0.0211000000 0.0068000000 0.0000000000 0.0407000000 0.0458000000 0.0000000000 0.0440000000 0.0188000000 0.0000000000 0.0000000000 0.0158000000 4.170000e-02 0.0000000000 0.0000000000 0.0148000000 0.0491000000 0.1736000000 0.0000000000 0.000000e+00 0.0000000000

0.0381000000 0.0844000000 0.038300000 0.007200000 0.0140000000 0.0189000000 0.0371000000 0.0590000000 0.005300000 0.028400000 0.0471000000 0.0083000000 0.0202000000 0.0711000000 0.0176000000 0.0329000000 0.0211000000 0.0068000000 0.000000e+00 4.070000e-02 0.0458000000

0.0000000000 0.0440000000 0.0188000000 0.0000000000 0.0000000000 0.0158000000 0.0417000000 0.0000000000 0.0000000000 0.0148000000 0.0491000000 0.173600000

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0.0429000000 0.0108000000 0.0331000000 0.0286000000 0.0093000000 0.0407000000 0.0000000000 0.0414000000 0.0353000000 0.0000000000 0.0418000000 2.610000e-02 0.0000000000 0.0271000000 0.0000000000 0.0106000000 0.2782000000 0.0000000000 0.000000e+00 0.0000000000

0.0825000000 0.0672000000 0.000000000 0.000000000 0.0713000000 0.0377000000 0.0074000000 0.0105000000 0.008400000 0.000000000 0.0071000000 0.0234000000 0.0000000000 0.0242000000 0.0086000000 0.0259000000 0.0429000000 0.0108000000 3.310000e-02 2.860000e-02 0.0093000000

0.0407000000 0.0000000000 0.0414000000 0.0353000000 0.0000000000 0.0418000000 0.0261000000 0.0000000000 0.0271000000 0.0000000000 0.0106000000 0.278200000

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0.0268000000 0.0000000000 0.0053000000 0.0144000000 0.0380000000 0.0000000000 0.0297000000 0.0277000000 0.0172000000 0.0000000000 0.1391000000 5.810000e-02 0.0064000000 0.0073000000 0.0234000000 0.0000000000 0.3699000000 0.0000000000 0.000000e+00 0.0000000000

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1997 1 6 2 0 1 60 60 38.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.090600000 0.0000000000 0.054000000 0.0414000000 0.0000000000 0.0448000000 0.0275000000 0.0000000000 0.0462000000 0.0000000000 0.0344000000 0.0000000000 0.0483000000

0.0232000000 0.0086000000 0.0465000000 0.0180000000 0.0148000000 0.0055000000 0.1092000000 0.0163000000 0.0000000000 0.0216000000 0.0223000000 7.100000e-03 0.0389000000 0.0000000000 0.0328000000 0.0110000000 0.2373000000 0.0000000000 0.000000e+00 0.0000000000

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1997 1 6 2 0 1 62 62 22.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.022900000 0.0360000000 0.0000000000 0.0643000000 0.0000000000 0.0370000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0426000000

0.0000000000 0.1001000000 0.0000000000 0.0170000000 0.0168000000 0.0170000000 0.0000000000 0.0354000000 0.0000000000 0.0895000000 0.0217000000 0.000000e+00 0.0380000000 0.0000000000 0.0170000000 0.0322000000 0.4127000000 0.0000000000 0.000000e+00 0.0000000000

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0.0170000000 0.0000000000 0.0354000000 0.0000000000 0.0895000000 0.0217000000 0.0000000000 0.0380000000 0.0000000000 0.0170000000 0.0322000000 0.412700000

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0.0000000000 0.0805000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0257000000 0.0000000000 0.0000000000 1.730000e-02 0.0000000000 0.0821000000 0.0000000000 0.0681000000 0.3340000000 0.0000000000 0.000000e+00 0.0000000000

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1997 1 6 2 0 1 66 66 11.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.1343000000 0.0000000000 0.1031000000 0.0000000000 0.0000000000 0.1903000000 0.0000000000

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1997 1 6 2 0 1 70 70 1.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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1997 1 6 2 0 1 72 72 1.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 1.0000000000 0.0000000000

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1999 1 6 1 0 1 40 40 3.0 0.000000e+00 0.000000e+00 1.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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1999 1 6 1 0 1 42 42 2.0 0.000000e+00 0.000000e+00 1.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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1999 1 6 1 0 1 44 44 5.0 0.000000e+00 0.000000e+00 0.4077000000 0.0000000000 0.000000000 0.592300000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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1999 1 6 1 0 1 46 46 2.0 0.000000e+00 0.000000e+00 0.8682000000 0.0000000000 0.131800000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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1999 1 6 1 0 1 48 48 6.0 0.000000e+00 0.000000e+00 0.4146000000 0.1379000000 0.134500000 0.000000000 0.130100000 0.0000000000 0.000000000 0.0000000000 0.1830000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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1999 1 6 1 0 1 52 52 20.0 0.000000e+00 0.000000e+00 0.0260000000 0.1046000000 0.168300000 0.289300000 0.078100000 0.0000000000 0.059300000 0.0000000000 0.0609000000 0.0000000000 0.0000000000
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1999 1 6 1 0 1 54 54 27.0 0.000000e+00 0.000000e+00 0.1110000000 0.0000000000 0.347000000 0.054000000 0.149300000 0.0000000000 0.006400000 0.0403000000 0.1305000000 0.0000000000 0.0751000000
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2000 1 6 1 0 1 44 44 19.0 0.000000e+00 2.869000e-01 0.5508000000 0.1263000000 0.036000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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2000 1 6 1 0 1 46 46 9.0 0.000000e+00 2.560000e-02 0.7343000000 0.1492000000 0.051800000 0.000000000 0.000000000 0.0000000000 0.039100000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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2000 1 6 1 0 1 48 48 16.0 0.000000e+00 9.160000e-02 0.1105000000 0.1808000000 0.053300000 0.016100000 0.495900000 0.0101000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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2000 1 6 1 0 1 52 52 34.0 0.000000e+00 0.000000e+00 0.0386000000 0.1524000000 0.097900000 0.280100000 0.021100000 0.0169000000 0.023400000 0.0423000000 0.0000000000 0.0634000000 0.0102000000 0.0171000000 0.1826000000 0.0101000000 0.0000000000 0.0000000000 0.0000000000

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2000 1 6 1 0 1 56 56 60.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.069700000 0.155700000 0.076900000 0.0137000000 0.042500000 0.0274000000 0.0158000000 0.0989000000 0.0922000000 0.0231000000 0.0319000000 0.0337000000 0.0029000000 0.0029000000 0.0158000000

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2000 1 6 1 0 1 60 60 63.0 0.000000e+00 0.000000e+00 0.0000000000 0.0074000000 0.052500000 0.069500000 0.122000000 0.0087000000 0.068000000 0.0218000000 0.0000000000 0.0186000000 0.0000000000 0.0490000000 0.0261000000 0.0668000000 0.0320000000 0.0161000000 0.0073000000

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2000 1 6 1 0 1 62 62 59.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.007800000 0.130700000 0.047800000 0.0050000000 0.000000000 0.0256000000 0.1323000000 0.0000000000 0.0267000000 0.0000000000 0.0621000000 0.0088000000 0.0066000000 0.0426000000 0.0431000000

0.0120000000 0.0000000000 0.0227000000 0.0351000000 0.0555000000 0.0931000000 0.0000000000 0.0133000000 0.0063000000 0.0241000000 0.0195000000 3.240000e-02 0.0000000000 0.0145000000 0.0000000000 0.0070000000 0.1256000000 0.0000000000 0.000000e+00 0.0000000000

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2000 1 6 1 0 1 64 64 44.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.025700000 0.000000000 0.0567000000 0.041700000 0.0788000000 0.0505000000 0.0437000000 0.0572000000 0.0301000000 0.0435000000 0.0067000000 0.0072000000 0.1238000000 0.0000000000

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2000 1 6 1 0 1 66 66 33.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.082400000 0.000000000 0.0000000000 0.047000000 0.0283000000 0.0245000000 0.0000000000 0.0769000000 0.0000000000 0.0577000000 0.0191000000 0.0723000000 0.0390000000 0.0067000000

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0.1220000000 0.0000000000 0.0151000000 0.0219000000 0.0735000000 0.0000000000 0.0192000000 0.0000000000 0.0000000000 0.0219000000 0.0216000000 0.127400000

2000 1 6 1 0 1 68 68 32.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.034200000 0.013200000 0.068400000 0.0071000000 0.000000000 0.0182000000 0.2828000000 0.0338000000 0.0062000000 0.0000000000 0.0142000000 0.0304000000 0.0305000000 0.0000000000 0.0044000000

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0.0631000000 0.0000000000 0.0000000000 0.0196000000 0.0000000000 0.0144000000 0.0111000000 0.0107000000 0.0390000000 0.0384000000 0.0000000000 0.185800000

2000 1 6 1 0 1 70 70 24.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.028700000 0.0254000000 0.0000000000 0.0816000000 0.0664000000 0.0000000000 0.0000000000 0.0157000000 0.0671000000 0.0000000000 0.0211000000

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2000 1 6 2 0 1 34 34 8.0 0.000000e+00 6.550000e-02 0.8039000000 0.1306000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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2000 1 6 2 0 1 36 36 9.0 0.000000e+00 4.141000e-01 0.5596000000 0.0264000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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2000 1 6 2 0 1 40 40 15.0 0.000000e+00 3.055000e-01 0.6789000000 0.0156000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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2000 1 6 2 0 1 42 42 24.0 0.000000e+00 2.357000e-01 0.5983000000 0.1660000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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0.0166000000 0.0257000000 0.0000000000 0.0000000000 0.0000000000 0.0254000000 0.0000000000 0.0267000000 0.0073000000 0.0733000000 0.0246000000 6.100000e-03 0.0220000000 0.0182000000 0.0245000000 0.0000000000 0.1523000000 0.0000000000 0.000000e+00 0.0000000000

0.0106000000 0.0548000000 0.120300000 0.061400000 0.0187000000 0.0181000000 0.0064000000 0.0162000000 0.008100000 0.043700000 0.0355000000 0.0509000000 0.0258000000 0.0093000000 0.0518000000 0.0458000000 0.0166000000 0.0257000000 0.000000e+00 0.000000e+00 0.0000000000

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0.1136000000 0.0074000000 0.0180000000 0.0074000000 0.0000000000 0.0172000000 0.0335000000 0.0000000000 0.0426000000 0.0091000000 0.0294000000 0.000000e+00 0.0638000000 0.0185000000 0.0144000000 0.0055000000 0.1839000000 0.0000000000 0.000000e+00 0.0000000000

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2000 1 6 2 0 1 58 58 53.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.027400000 0.036800000 0.018500000 0.0000000000 0.037000000 0.0162000000 0.0174000000 0.0238000000 0.0000000000 0.0752000000 0.0039000000 0.0230000000 0.0212000000 0.0319000000 0.0349000000

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2000 1 6 2 0 1 60 60 43.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.016300000 0.006700000 0.011900000 0.0000000000 0.000000000 0.0105000000 0.0351000000 0.0706000000 0.0635000000 0.0000000000 0.0000000000 0.0173000000 0.0087000000 0.0285000000 0.0000000000

0.0224000000 0.0000000000 0.0282000000 0.0243000000 0.0444000000 0.0257000000 0.0461000000 0.0000000000 0.0308000000 0.0000000000 0.0329000000 3.890000e-02 0.0000000000 0.0643000000 0.0213000000 0.0143000000 0.3372000000 0.0000000000 0.000000e+00 0.0000000000

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2001 1 6 1 0 1 38 38 3.0 0.000000e+00 7.506000e-01 0.2494000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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2001 1 6 1 0 1 40 40 5.0 0.000000e+00 8.061000e-01 0.1579000000 0.0360000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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2001 1 6 1 0 1 42 42 7.0 0.000000e+00 2.650000e-01 0.3814000000 0.0000000000 0.353700000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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2001 1 6 1 0 1 52 52 8.0 0.000000e+00 0.000000e+00 0.3016000000 0.3216000000 0.172500000 0.000000000 0.000000000 0.0000000000 0.131700000 0.0000000000 0.0000000000 0.0000000000 0.0726000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000
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2001 1 6 1 0 1 62 62 19.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.072700000 0.0000000000 0.044500000 0.0354000000 0.1479000000 0.0719000000 0.0099000000 0.1637000000 0.0269000000 0.0666000000 0.0000000000 0.0601000000 0.0000000000
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2001 1 6 1 0 1 66 66 15.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0604000000 0.000000000 0.0000000000 0.0538000000 0.0000000000 0.0529000000 0.1725000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0141000000
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2001 1 6 1 0 1 68 68 11.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.128000000 0.000000000 0.000000000 0.0000000000 0.017700000 0.0000000000 0.0000000000 0.5996000000 0.0000000000 0.0000000000 0.0299000000 0.0313000000 0.0093000000 0.0000000000 0.0000000000

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2001 1 6 1 0 1 70 70 10.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0193000000 0.000000000 0.0000000000 0.1524000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0290000000 0.0000000000

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2001 1 6 1 0 1 74 74 10.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.2012000000 0.000000000 0.0000000000 0.0000000000 0.3062000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0701000000 0.0000000000 0.0210000000

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2001 1 6 1 0 1 76 76 5.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.1557000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.1304000000 0.1557000000 0.0000000000

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2001 1 6 2 0 1 38 38 3.0 0.000000e+00 7.022000e-01 0.2978000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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2001 1 6 2 0 1 40 40 2.0 0.000000e+00 1.617000e-01 0.8383000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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2001 1 6 2 0 1 42 42 7.0 0.000000e+00 0.000000e+00 0.8476000000 0.1524000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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2001 1 6 2 0 1 44 44 13.0 0.000000e+00 0.000000e+00 0.9693000000 0.0307000000 0.000000000 0.000000000 0.000000000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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2001 1 6 2 0 1 46 46 12.0 0.000000e+00 0.000000e+00 0.8198000000 0.0178000000 0.000000000 0.000000000 0.064900000 0.0000000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0974000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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2001 1 6 2 0 1 48 48 13.0 0.000000e+00 0.000000e+00 0.6183000000 0.0522000000 0.009800000 0.144700000 0.000000000 0.0567000000 0.000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0201000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000

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0.0522000000 0.0098000000 0.144700000 0.000000000 0.0567000000 0.0000000000 0.0000000000 0.0000000000 0.000000000 0.000000000 0.0201000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0781000000 0.000000e+00 0.000000e+00 0.0000000000

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2001 1 6 2 0 1 50 50 16.0 0.000000e+00 0.000000e+00 0.4041000000 0.0934000000 0.029600000 0.000000000 0.012400000 0.0345000000 0.065800000 0.0371000000 0.0000000000 0.0106000000 0.0000000000 0.0931000000 0.0000000000 0.0243000000 0.0146000000 0.0000000000 0.0000000000

0.0000000000 0.0000000000 0.1040000000 0.0000000000 0.0000000000 0.0000000000 0.0321000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 4.430000e-02 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.4041000000

0.0934000000 0.0296000000 0.000000000 0.012400000 0.0345000000 0.0658000000 0.0371000000 0.0000000000 0.010600000 0.000000000 0.0931000000 0.0000000000 0.0243000000 0.0146000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 1.040000e-01 0.000000e+00 0.0000000000

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2001 1 6 2 0 1 52 52 21.0 0.000000e+00 0.000000e+00 0.0731000000 0.0000000000 0.112600000 0.000000000 0.000000000 0.0167000000 0.000000000 0.1516000000 0.0000000000 0.0075000000 0.0000000000 0.0323000000 0.0000000000 0.0470000000 0.0145000000 0.0000000000 0.0404000000

0.0000000000 0.0000000000 0.1858000000 0.0110000000 0.0809000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0962000000 0.0000000000 0.000000e+00 0.0000000000 0.0000000000 0.0000000000 0.0709000000 0.0594000000 0.0000000000 0.000000e+00 0.0731000000

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2001 1 6 2 0 1 54 54 20.0 0.000000e+00 0.000000e+00 0.0000000000 0.0967000000 0.084200000 0.000000000 0.017300000 0.2722000000 0.000000000 0.0082000000 0.0000000000 0.0000000000 0.0266000000 0.0000000000 0.0644000000 0.0000000000 0.0000000000 0.0000000000 0.0869000000

0.0158000000 0.0000000000 0.0000000000 0.1274000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.0000000000 0.000000e+00 0.0000000000 0.0000000000 0.0082000000 0.0000000000 0.1920000000 0.0000000000 0.000000e+00 0.0000000000

0.0967000000 0.0842000000 0.000000000 0.017300000 0.2722000000 0.0000000000 0.0082000000 0.0000000000 0.000000000 0.026600000 0.0000000000 0.0644000000 0.0000000000 0.0000000000 0.0000000000 0.0869000000 0.0158000000 0.0000000000 0.000000e+00 1.274000e-01 0.0000000000

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2001 1 6 2 0 1 56 56 17.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.212100000 0.1481000000 0.027400000 0.0000000000 0.0408000000 0.0324000000 0.0000000000

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2001 1 6 2 0 1 58 58 17.0 0.000000e+00 0.000000e+00 0.0000000000 0.0000000000 0.000000000 0.000000000 0.000000000 0.0296000000 0.031300000 0.1311000000 0.0000000000 0.0000000000 0.0329000000 0.0483000000 0.0466000000 0.0000000000 0.0000000000 0.0502000000 0.0000000000

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