

Parameter estimates for the EBS pollock reference model

Includes parameter set from Model 20.0a, uses VAST full time series including Northern Bering Sea segment and the USV data for 2020 converted to biomass (extending the ATS data) and with the stock-recruitment relationship that ignores the influence of the 1978 year class.

index	name	value	std.dev
1	log_avgrec	9.8391e+00	9.5296e-02
2	log_avginit	4.8745e+00	6.9454e-01
3	log_avg_F	-1.5220e+00	6.4180e-02
4	log_q_std_area	-5.3583e-01	1.0840e-01
5	log_q_eit	-6.9117e-01	7.6761e-02
6	log_Rzero	1.0014e+01	2.0546e-01
7	steepness	6.4007e-01	7.4014e-02
8	log_q_cpue	2.3148e-02	1.7172e-01
9	log_q_avo	-9.4697e+00	9.5294e-02
10	log_initdevs	3.3061e+00	7.6685e-01
11	log_initdevs	2.8503e+00	7.7073e-01
12	log_initdevs	1.3149e+00	8.7316e-01
13	log_initdevs	4.7836e-01	1.0048e+00
14	log_initdevs	1.1447e+00	8.7924e-01
15	log_initdevs	3.5036e-01	1.0328e+00
16	log_initdevs	-7.8411e-01	1.3859e+00
17	log_initdevs	-1.2393e+00	1.5450e+00
18	log_initdevs	-1.2320e+00	1.5470e+00
19	log_initdevs	-1.2344e+00	1.5463e+00
20	log_initdevs	-1.2364e+00	1.5457e+00
21	log_initdevs	-1.2379e+00	1.5452e+00
22	log_initdevs	-1.2394e+00	1.5447e+00
23	log_initdevs	-1.2412e+00	1.5442e+00
24	log_rec_devs	-1.0512e+00	3.8505e-01
25	log_rec_devs	1.3842e-01	2.6532e-01
26	log_rec_devs	-2.0075e-01	3.2660e-01
27	log_rec_devs	3.2027e-01	2.7448e-01
28	log_rec_devs	1.7134e-01	2.9611e-01
29	log_rec_devs	3.3523e-01	2.7628e-01
30	log_rec_devs	2.2820e-01	2.8631e-01
31	log_rec_devs	-2.5612e-01	3.3921e-01
32	log_rec_devs	-4.5530e-01	3.4511e-01
33	log_rec_devs	3.7333e-01	2.1341e-01
34	log_rec_devs	7.8228e-02	2.1643e-01
35	log_rec_devs	-5.7144e-02	2.0122e-01
36	log_rec_devs	-2.8247e-01	1.9112e-01
37	log_rec_devs	-1.9464e-01	1.7094e-01
38	log_rec_devs	3.7699e-01	1.3433e-01
39	log_rec_devs	1.2255e+00	1.1167e-01
40	log_rec_devs	3.2317e-01	1.2866e-01
41	log_rec_devs	5.5286e-01	1.2365e-01
42	log_rec_devs	-8.2783e-02	1.3970e-01
43	log_rec_devs	9.7240e-01	1.1176e-01
44	log_rec_devs	-3.2911e-01	1.3966e-01
45	log_rec_devs	5.3949e-01	1.1450e-01
46	log_rec_devs	-4.2918e-01	1.3299e-01
47	log_rec_devs	-1.0296e+00	1.3807e-01
48	log_rec_devs	-1.2024e+00	1.3647e-01
49	log_rec_devs	-4.7496e-01	1.1614e-01
50	log_rec_devs	9.7728e-01	1.0036e-01
51	log_rec_devs	3.2825e-01	1.0570e-01
52	log_rec_devs	1.6515e-01	1.0869e-01
53	log_rec_devs	9.0072e-01	1.0201e-01
54	log_rec_devs	-2.0413e-01	1.1282e-01
55	log_rec_devs	-5.8202e-01	1.1779e-01
56	log_rec_devs	1.9669e-01	1.0531e-01
57	log_rec_devs	4.9861e-01	1.0256e-01
58	log_rec_devs	-2.1426e-01	1.0944e-01
59	log_rec_devs	-1.3660e-01	1.0838e-01

60	log_rec_devs	3.0297e-01	1.0370e-01
61	log_rec_devs	6.2757e-01	1.0060e-01
62	log_rec_devs	2.2095e-01	1.0275e-01
63	log_rec_devs	-2.7203e-01	1.0611e-01
64	log_rec_devs	-1.0524e+00	1.1643e-01
65	log_rec_devs	-1.3931e+00	1.2319e-01
66	log_rec_devs	-4.7217e-01	1.0843e-01
67	log_rec_devs	2.9771e-01	1.0289e-01
68	log_rec_devs	-2.8456e-01	1.1179e-01
69	log_rec_devs	1.0412e+00	1.0169e-01
70	log_rec_devs	2.4193e-01	1.0958e-01
71	log_rec_devs	-2.2905e-01	1.2054e-01
72	log_rec_devs	-3.4574e-01	1.2791e-01
73	log_rec_devs	1.1160e+00	1.1921e-01
74	log_rec_devs	1.1162e+00	1.3044e-01
75	log_rec_devs	-3.4491e-01	1.7870e-01
76	log_rec_devs	-1.0756e+00	2.4679e-01
77	log_rec_devs	-6.6018e-01	2.5577e-01
78	log_rec_devs	-1.8148e-02	1.7912e-01
79	log_rec_devs	2.0024e-02	1.9539e-01
80	log_rec_devs	-3.1150e-02	1.9996e-01
81	log_F_devs	-6.0023e-01	2.7123e-01
82	log_F_devs	-6.1507e-01	2.0245e-01
83	log_F_devs	-6.8525e-01	1.8836e-01
84	log_F_devs	-1.4960e-01	1.8391e-01
85	log_F_devs	-1.5689e-01	1.7698e-01
86	log_F_devs	-1.1664e-01	1.8105e-01
87	log_F_devs	2.4697e-01	1.7813e-01
88	log_F_devs	5.9457e-01	1.7673e-01
89	log_F_devs	7.0546e-01	1.7713e-01
90	log_F_devs	8.3329e-01	1.7789e-01
91	log_F_devs	8.9179e-01	1.8081e-01
92	log_F_devs	6.9701e-01	1.6815e-01
93	log_F_devs	5.7437e-01	1.6405e-01
94	log_F_devs	4.3288e-01	1.8343e-01
95	log_F_devs	4.8514e-01	1.8452e-01
96	log_F_devs	4.8220e-01	1.8875e-01
97	log_F_devs	3.6512e-01	1.9323e-01
98	log_F_devs	3.8678e-02	2.0433e-01
99	log_F_devs	-3.5394e-01	2.0692e-01
100	log_F_devs	-4.9252e-01	2.0138e-01
101	log_F_devs	-4.8684e-01	1.8264e-01
102	log_F_devs	-4.7505e-01	1.5574e-01
103	log_F_devs	-5.3856e-01	1.3980e-01
104	log_F_devs	-8.1508e-01	1.2243e-01
105	log_F_devs	-4.9348e-01	1.1423e-01
106	log_F_devs	-4.4031e-01	1.0543e-01
107	log_F_devs	-2.3329e-02	9.7127e-02
108	log_F_devs	1.8673e-01	8.7795e-02
109	log_F_devs	5.6041e-01	9.1507e-02
110	log_F_devs	9.6726e-02	1.0712e-01
111	log_F_devs	-1.5915e-01	1.2411e-01
112	log_F_devs	-2.1394e-01	1.1493e-01
113	log_F_devs	3.7974e-02	1.2230e-01
114	log_F_devs	7.7719e-02	1.2581e-01
115	log_F_devs	-1.0539e-01	1.1991e-01
116	log_F_devs	-3.8325e-01	1.0733e-01
117	log_F_devs	-2.8218e-01	9.8795e-02
118	log_F_devs	-1.2408e-01	9.4844e-02
119	log_F_devs	4.0928e-02	9.0689e-02
120	log_F_devs	9.1298e-02	9.4557e-02
121	log_F_devs	-2.1654e-02	1.0116e-01
122	log_F_devs	-9.2249e-02	1.0084e-01
123	log_F_devs	1.1778e-01	9.8512e-02
124	log_F_devs	1.8108e-01	9.4672e-02
125	log_F_devs	2.4678e-01	9.2078e-02
126	log_F_devs	2.0694e-01	9.8311e-02
127	log_F_devs	2.0278e-02	9.8781e-02
128	log_F_devs	3.3154e-01	1.0451e-01
129	log_F_devs	3.0472e-01	1.2398e-01
130	log_F_devs	2.1567e-01	1.3689e-01
131	log_F_devs	1.2128e-01	1.5171e-01

132	log_F_devs	1.4486e-01	1.5285e-01
133	log_F_devs	-2.3206e-01	1.3352e-01
134	log_F_devs	-2.9682e-01	1.3123e-01
135	log_F_devs	-5.1309e-01	1.3576e-01
136	log_F_devs	-4.2255e-01	1.4268e-01
137	log_F_devs	-4.0979e-02	1.9528e-01
138	sel_devs_fsh	-1.7828e-02	4.3109e-01
139	sel_devs_fsh	2.7066e-02	4.1790e-01
140	sel_devs_fsh	1.4961e-01	4.1217e-01
141	sel_devs_fsh	3.8968e-02	4.1428e-01
142	sel_devs_fsh	-3.7868e-03	3.2482e-01
143	sel_devs_fsh	-4.3179e-02	2.9967e-01
144	sel_devs_fsh	-4.9361e-02	2.9423e-01
145	sel_devs_fsh	-4.0913e-02	2.9510e-01
146	sel_devs_fsh	-3.2843e-02	2.9648e-01
147	sel_devs_fsh	-2.7728e-02	2.8619e-01
148	sel_devs_fsh	4.8348e-02	4.2339e-01
149	sel_devs_fsh	9.5770e-02	4.1228e-01
150	sel_devs_fsh	1.2114e-01	4.0257e-01
151	sel_devs_fsh	-5.2022e-02	3.1984e-01
152	sel_devs_fsh	-4.4058e-02	2.9397e-01
153	sel_devs_fsh	-4.6249e-02	2.9006e-01
154	sel_devs_fsh	-3.9145e-02	2.8955e-01
155	sel_devs_fsh	-3.5144e-02	2.9071e-01
156	sel_devs_fsh	-2.8003e-02	2.9164e-01
157	sel_devs_fsh	-2.0641e-02	2.7937e-01
158	sel_devs_fsh	5.7934e-02	4.2096e-01
159	sel_devs_fsh	1.0282e-01	4.0501e-01
160	sel_devs_fsh	2.2924e-01	3.9731e-01
161	sel_devs_fsh	-1.2505e-01	3.6622e-01
162	sel_devs_fsh	-9.5555e-02	3.0881e-01
163	sel_devs_fsh	-7.0704e-02	2.9244e-01
164	sel_devs_fsh	-4.8204e-02	2.8971e-01
165	sel_devs_fsh	-2.8996e-02	2.9024e-01
166	sel_devs_fsh	-1.6622e-02	2.9088e-01
167	sel_devs_fsh	-4.8695e-03	2.7806e-01
168	sel_devs_fsh	1.2059e-01	4.1910e-01
169	sel_devs_fsh	9.9024e-02	4.0336e-01
170	sel_devs_fsh	-3.6843e-04	3.9128e-01
171	sel_devs_fsh	-8.4838e-03	3.6419e-01
172	sel_devs_fsh	-3.9907e-02	3.1186e-01
173	sel_devs_fsh	-4.6038e-02	2.9379e-01
174	sel_devs_fsh	-4.5158e-02	2.9047e-01
175	sel_devs_fsh	-3.6247e-02	2.9177e-01
176	sel_devs_fsh	-2.5370e-02	2.9189e-01
177	sel_devs_fsh	-1.8046e-02	2.7866e-01
178	sel_devs_fsh	1.3213e-01	4.1932e-01
179	sel_devs_fsh	6.8764e-02	4.0312e-01
180	sel_devs_fsh	1.5683e-01	3.9258e-01
181	sel_devs_fsh	-9.7602e-02	3.1964e-01
182	sel_devs_fsh	-9.2361e-02	2.9798e-01
183	sel_devs_fsh	-8.0838e-02	2.9979e-01
184	sel_devs_fsh	-6.9624e-02	3.2216e-01
185	sel_devs_fsh	-2.4459e-02	4.0821e-01
186	sel_devs_fsh	-6.9265e-03	4.0647e-01
187	sel_devs_fsh	1.4087e-02	2.9545e-01
188	sel_devs_fsh	1.9568e-01	4.1950e-01
189	sel_devs_fsh	1.4503e-01	4.0276e-01
190	sel_devs_fsh	-2.2875e-02	3.9056e-01
191	sel_devs_fsh	-2.2606e-01	3.7278e-01
192	sel_devs_fsh	-1.0820e-01	3.3026e-01
193	sel_devs_fsh	-9.0779e-02	3.3284e-01
194	sel_devs_fsh	-3.7937e-02	3.9863e-01
195	sel_devs_fsh	1.7785e-02	4.1543e-01
196	sel_devs_fsh	4.3136e-02	4.1329e-01
197	sel_devs_fsh	8.4218e-02	2.9518e-01
198	sel_devs_fsh	1.5534e-02	4.2006e-01
199	sel_devs_fsh	3.1198e-02	4.0194e-01
200	sel_devs_fsh	-7.6272e-02	3.8732e-01
201	sel_devs_fsh	-3.6182e-02	3.8499e-01
202	sel_devs_fsh	1.0557e-02	3.3442e-01
203	sel_devs_fsh	-2.7768e-03	3.3649e-01

204	sel_devs_fsh	-3.9657e-02	4.0268e-01
205	sel_devs_fsh	1.3198e-02	4.1673e-01
206	sel_devs_fsh	3.2648e-02	4.1358e-01
207	sel_devs_fsh	5.1747e-02	2.9155e-01
208	sel_devs_fsh	-2.3562e-01	4.2037e-01
209	sel_devs_fsh	1.8889e-01	4.0319e-01
210	sel_devs_fsh	1.0654e-01	3.8654e-01
211	sel_devs_fsh	7.6200e-02	3.8777e-01
212	sel_devs_fsh	-2.3954e-02	3.3524e-01
213	sel_devs_fsh	-1.0489e-02	3.3703e-01
214	sel_devs_fsh	-1.5703e-02	4.0336e-01
215	sel_devs_fsh	-3.1090e-02	4.1744e-01
216	sel_devs_fsh	-1.5753e-02	4.1341e-01
217	sel_devs_fsh	-3.9019e-02	2.9126e-01
218	sel_devs_fsh	-2.5499e-01	4.2002e-01
219	sel_devs_fsh	9.9849e-02	4.0313e-01
220	sel_devs_fsh	5.6777e-02	3.9131e-01
221	sel_devs_fsh	4.1637e-02	3.8879e-01
222	sel_devs_fsh	3.5415e-02	3.7137e-01
223	sel_devs_fsh	4.0818e-02	3.5723e-01
224	sel_devs_fsh	2.9707e-02	3.9779e-01
225	sel_devs_fsh	5.0162e-04	4.1746e-01
226	sel_devs_fsh	-1.0191e-02	4.1237e-01
227	sel_devs_fsh	-3.9519e-02	2.9213e-01
228	sel_devs_fsh	-2.1149e-01	4.1970e-01
229	sel_devs_fsh	1.3768e-01	3.9968e-01
230	sel_devs_fsh	1.6776e-01	3.8924e-01
231	sel_devs_fsh	2.2984e-02	3.8721e-01
232	sel_devs_fsh	-2.4455e-03	3.6764e-01
233	sel_devs_fsh	-9.2191e-03	3.2710e-01
234	sel_devs_fsh	-7.8309e-03	3.3717e-01
235	sel_devs_fsh	-2.9227e-02	4.1645e-01
236	sel_devs_fsh	-2.0398e-02	4.0851e-01
237	sel_devs_fsh	-4.7805e-02	2.9311e-01
238	sel_devs_fsh	-1.8537e-01	4.2002e-01
239	sel_devs_fsh	-1.7654e-01	3.9435e-01
240	sel_devs_fsh	1.2707e-01	3.7757e-01
241	sel_devs_fsh	7.7093e-02	3.8074e-01
242	sel_devs_fsh	4.4522e-02	3.1863e-01
243	sel_devs_fsh	3.6854e-02	3.0548e-01
244	sel_devs_fsh	3.4825e-02	3.2768e-01
245	sel_devs_fsh	2.1363e-03	4.1533e-01
246	sel_devs_fsh	1.5284e-02	4.0874e-01
247	sel_devs_fsh	2.4129e-02	2.9468e-01
248	sel_devs_fsh	-1.8226e-01	4.2000e-01
249	sel_devs_fsh	-7.0870e-02	3.9480e-01
250	sel_devs_fsh	-8.0572e-02	3.5281e-01
251	sel_devs_fsh	8.4462e-02	3.1105e-01
252	sel_devs_fsh	7.1192e-02	2.9535e-01
253	sel_devs_fsh	5.9523e-02	2.9863e-01
254	sel_devs_fsh	5.3222e-02	3.2376e-01
255	sel_devs_fsh	1.9858e-02	4.1123e-01
256	sel_devs_fsh	2.2215e-02	4.1274e-01
257	sel_devs_fsh	2.3227e-02	2.9678e-01
258	sel_devs_fsh	-1.6899e-01	4.1978e-01
259	sel_devs_fsh	2.9476e-02	3.9423e-01
260	sel_devs_fsh	-1.2012e-01	3.7520e-01
261	sel_devs_fsh	-3.3790e-02	3.6336e-01
262	sel_devs_fsh	5.3189e-02	3.1594e-01
263	sel_devs_fsh	5.8155e-02	3.0247e-01
264	sel_devs_fsh	5.6540e-02	3.2039e-01
265	sel_devs_fsh	3.8693e-02	4.0440e-01
266	sel_devs_fsh	3.7985e-02	4.1720e-01
267	sel_devs_fsh	4.8862e-02	3.0421e-01
268	sel_devs_fsh	-2.0700e-01	4.1902e-01
269	sel_devs_fsh	-1.1675e-01	3.8790e-01
270	sel_devs_fsh	-3.1307e-02	3.7255e-01
271	sel_devs_fsh	-1.3351e-02	3.7235e-01
272	sel_devs_fsh	5.2119e-02	3.1669e-01
273	sel_devs_fsh	5.5029e-02	2.9534e-01
274	sel_devs_fsh	6.4588e-02	2.9804e-01
275	sel_devs_fsh	6.4932e-02	3.2630e-01

276	sel_devs_fsh	6.4811e-02	4.1840e-01
277	sel_devs_fsh	6.6928e-02	3.0437e-01
278	sel_devs_fsh	-1.5808e-01	4.1459e-01
279	sel_devs_fsh	-3.1752e-01	3.6899e-01
280	sel_devs_fsh	-1.3958e-01	3.5887e-01
281	sel_devs_fsh	-3.7567e-02	3.6526e-01
282	sel_devs_fsh	9.2732e-02	3.5706e-01
283	sel_devs_fsh	1.2981e-01	3.1111e-01
284	sel_devs_fsh	1.1585e-01	3.0164e-01
285	sel_devs_fsh	1.1661e-01	3.2516e-01
286	sel_devs_fsh	1.0866e-01	4.1869e-01
287	sel_devs_fsh	8.9085e-02	3.0449e-01
288	sel_devs_fsh	-1.7955e-01	4.1766e-01
289	sel_devs_fsh	-4.2771e-01	3.6246e-01
290	sel_devs_fsh	-1.9433e-01	3.5201e-01
291	sel_devs_fsh	8.8981e-02	3.6460e-01
292	sel_devs_fsh	1.0285e-01	3.7092e-01
293	sel_devs_fsh	1.3888e-01	3.1903e-01
294	sel_devs_fsh	1.3851e-01	3.0275e-01
295	sel_devs_fsh	1.3093e-01	3.2644e-01
296	sel_devs_fsh	1.0070e-01	4.1892e-01
297	sel_devs_fsh	1.0074e-01	3.0468e-01
298	sel_devs_fsh	-1.6041e-01	4.2108e-01
299	sel_devs_fsh	-2.2131e-01	3.8002e-01
300	sel_devs_fsh	-2.2923e-01	3.4786e-01
301	sel_devs_fsh	4.8728e-02	3.5764e-01
302	sel_devs_fsh	1.1752e-01	3.7202e-01
303	sel_devs_fsh	7.1283e-02	3.2728e-01
304	sel_devs_fsh	8.2932e-02	3.2547e-01
305	sel_devs_fsh	9.9291e-02	3.8814e-01
306	sel_devs_fsh	9.4140e-02	4.1853e-01
307	sel_devs_fsh	9.7056e-02	3.0434e-01
308	sel_devs_fsh	-1.3080e-01	4.2396e-01
309	sel_devs_fsh	-9.7489e-02	3.9135e-01
310	sel_devs_fsh	-2.5771e-01	3.6269e-01
311	sel_devs_fsh	2.8674e-03	3.4810e-01
312	sel_devs_fsh	8.2756e-02	3.5724e-01
313	sel_devs_fsh	7.0137e-02	3.2052e-01
314	sel_devs_fsh	6.7315e-02	3.2837e-01
315	sel_devs_fsh	8.2836e-02	3.9211e-01
316	sel_devs_fsh	8.6421e-02	4.1738e-01
317	sel_devs_fsh	9.3667e-02	3.0383e-01
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322	sel_devs_fsh	-4.2097e-02	3.2987e-01
323	sel_devs_fsh	8.0577e-02	3.1108e-01
324	sel_devs_fsh	6.9102e-02	3.1934e-01
325	sel_devs_fsh	4.5346e-02	3.8664e-01
326	sel_devs_fsh	5.1115e-02	4.1522e-01
327	sel_devs_fsh	7.6803e-02	3.0294e-01
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334	sel_devs_fsh	7.0073e-02	3.1619e-01
335	sel_devs_fsh	5.7399e-02	3.2823e-01
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337	sel_devs_fsh	4.0174e-02	3.0220e-01
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433	sel_devs_fsh	2.5836e-01	3.0364e-01
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509	sel_devs_fsh	2.0391e-01	3.6520e-01
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596	sel_devs_fsh	1.1306e-01	2.7741e-01
597	sel_devs_fsh	3.2366e-02	2.6623e-01
598	sel_devs_fsh	1.9400e-02	4.2656e-01
599	sel_devs_fsh	-1.0062e-02	3.5710e-01
600	sel_devs_fsh	6.8406e-02	2.9875e-01
601	sel_devs_fsh	-1.0680e+00	2.7414e-01
602	sel_devs_fsh	4.2526e-01	2.6453e-01
603	sel_devs_fsh	3.6445e-01	2.8763e-01
604	sel_devs_fsh	1.7206e-01	2.9806e-01
605	sel_devs_fsh	1.4378e-02	2.8144e-01
606	sel_devs_fsh	1.1952e-03	2.7420e-01
607	sel_devs_fsh	1.2934e-02	2.6274e-01
608	sel_devs_fsh	-3.0043e-02	4.2729e-01
609	sel_devs_fsh	1.6851e-01	3.7672e-01
610	sel_devs_fsh	2.3154e-01	2.9165e-01
611	sel_devs_fsh	5.7191e-01	2.7548e-01
612	sel_devs_fsh	-1.0891e+00	2.7385e-01
613	sel_devs_fsh	9.7543e-04	2.6633e-01
614	sel_devs_fsh	3.3057e-02	2.7870e-01
615	sel_devs_fsh	4.6692e-02	2.9113e-01
616	sel_devs_fsh	3.1805e-02	2.8157e-01
617	sel_devs_fsh	3.4631e-02	2.6606e-01
618	sel_devs_fsh	1.8617e-02	4.2823e-01
619	sel_devs_fsh	-2.0659e-01	3.8138e-01
620	sel_devs_fsh	6.7309e-02	3.0943e-01
621	sel_devs_fsh	-4.4690e-02	2.6648e-01
622	sel_devs_fsh	5.1528e-01	2.7345e-01
623	sel_devs_fsh	-5.9447e-01	2.7576e-01
624	sel_devs_fsh	-1.0228e-01	2.8660e-01
625	sel_devs_fsh	9.8801e-02	2.9687e-01
626	sel_devs_fsh	1.2083e-01	2.8497e-01
627	sel_devs_fsh	1.2720e-01	2.6912e-01
628	sel_devs_fsh	-2.6443e-02	4.3008e-01
629	sel_devs_fsh	7.7384e-02	3.7419e-01
630	sel_devs_fsh	-3.6172e-02	3.2121e-01
631	sel_devs_fsh	-1.2247e-01	2.8117e-01
632	sel_devs_fsh	-4.0164e-02	2.6593e-01
633	sel_devs_fsh	2.7832e-01	2.7318e-01
634	sel_devs_fsh	9.8955e-02	2.8367e-01
635	sel_devs_fsh	-1.1063e-01	2.9512e-01

636	sel_devs_fsh	-8.9913e-02	3.3023e-01
637	sel_devs_fsh	-2.8866e-02	2.8272e-01
638	sel_devs_fsh	-3.1470e-02	4.3306e-01
639	sel_devs_fsh	-4.1322e-01	3.6409e-01
640	sel_devs_fsh	9.1698e-01	3.0334e-01
641	sel_devs_fsh	1.8032e-01	2.8684e-01
642	sel_devs_fsh	-1.6899e-01	2.7651e-01
643	sel_devs_fsh	-3.1994e-02	2.6704e-01
644	sel_devs_fsh	-1.7128e-01	2.7213e-01
645	sel_devs_fsh	-1.4679e-01	2.9906e-01
646	sel_devs_fsh	-8.7262e-02	3.4668e-01
647	sel_devs_fsh	-4.6289e-02	2.8539e-01
648	sel_devs_fsh	3.0577e-02	4.3444e-01
649	sel_devs_fsh	-6.7182e-02	4.0138e-01
650	sel_devs_fsh	-1.2172e+00	2.8705e-01
651	sel_devs_fsh	8.7983e-01	2.7317e-01
652	sel_devs_fsh	2.3779e-01	2.8215e-01
653	sel_devs_fsh	3.4674e-02	2.8422e-01
654	sel_devs_fsh	-1.2033e-02	2.8243e-01
655	sel_devs_fsh	1.5328e-01	2.9621e-01
656	sel_devs_fsh	2.8035e-02	3.2190e-01
657	sel_devs_fsh	-6.7806e-02	2.8536e-01
658	sel_devs_fsh	1.7693e-02	4.3425e-01
659	sel_devs_fsh	5.1228e-02	4.1221e-01
660	sel_devs_fsh	1.3000e-02	3.4365e-01
661	sel_devs_fsh	-8.8752e-01	2.6514e-01
662	sel_devs_fsh	3.7680e-01	2.7362e-01
663	sel_devs_fsh	2.9548e-01	2.9480e-01
664	sel_devs_fsh	2.0105e-01	2.8760e-01
665	sel_devs_fsh	-8.6494e-03	2.7348e-01
666	sel_devs_fsh	-2.3221e-02	2.7583e-01
667	sel_devs_fsh	-3.5866e-02	2.7371e-01
668	sel_devs_fsh	-1.0449e-02	4.3519e-01
669	sel_devs_fsh	6.4886e-02	4.1661e-01
670	sel_devs_fsh	-6.7431e-02	3.8151e-01
671	sel_devs_fsh	-1.0462e-01	3.0816e-01
672	sel_devs_fsh	2.6990e-01	2.6790e-01
673	sel_devs_fsh	-1.4743e-01	2.8904e-01
674	sel_devs_fsh	7.7278e-03	3.0462e-01
675	sel_devs_fsh	5.6299e-02	2.8358e-01
676	sel_devs_fsh	2.1928e-02	2.7621e-01
677	sel_devs_fsh	-9.0812e-02	2.7167e-01
678	sel_devs_fsh	5.3875e-02	4.3689e-01
679	sel_devs_fsh	1.9893e-01	4.2322e-01
680	sel_devs_fsh	-6.9633e-02	3.9551e-01
681	sel_devs_fsh	-5.3207e-01	3.6762e-01
682	sel_devs_fsh	-5.3625e-01	3.0938e-01
683	sel_devs_fsh	4.0222e-01	2.7432e-01
684	sel_devs_fsh	8.7290e-02	3.0764e-01
685	sel_devs_fsh	1.8215e-01	2.9764e-01
686	sel_devs_fsh	1.3838e-01	2.8200e-01
687	sel_devs_fsh	7.5101e-02	2.7045e-01
688	sel_devs_fsh	5.0589e-06	7.0711e-01
689	sel_devs_fsh	3.7137e-05	7.0712e-01
690	sel_devs_fsh	-5.2723e-04	7.0690e-01
691	sel_devs_fsh	-2.7449e-03	7.0614e-01
692	sel_devs_fsh	-2.0679e-03	7.0648e-01
693	sel_devs_fsh	-1.1616e-01	3.8989e-01
694	sel_devs_fsh	1.0394e-02	3.6611e-01
695	sel_devs_fsh	-1.1512e-01	3.6192e-01
696	sel_devs_fsh	1.9041e-02	3.6320e-01
697	sel_devs_fsh	2.0714e-01	3.8984e-01
698	sel_coffs_fsh	-3.9900e+00	8.0965e-01
699	sel_coffs_fsh	-2.1224e+00	6.2209e-01
700	sel_coffs_fsh	-9.1414e-01	5.2707e-01
701	sel_coffs_fsh	3.5598e-01	4.3423e-01
702	sel_coffs_fsh	3.6398e-01	2.9961e-01
703	sel_coffs_fsh	3.5589e-01	2.7465e-01
704	sel_coffs_fsh	3.1856e-01	2.6832e-01
705	sel_coffs_fsh	2.7245e-01	2.7275e-01
706	sel_coffs_fsh	2.3090e-01	2.8399e-01
707	sel_coffs_fsh	1.9785e-01	2.9878e-01

708	sel_coffs_eit	-3.3807e-01	2.3247e-01
709	sel_coffs_eit	-2.3264e-01	2.2943e-01
710	sel_coffs_eit	-7.2676e-02	2.2678e-01
711	sel_coffs_eit	-8.0500e-03	2.3001e-01
712	sel_coffs_eit	4.7796e-02	2.3147e-01
713	sel_coffs_eit	1.6027e-01	2.3186e-01
714	sel_coffs_eit	1.9608e-01	2.3617e-01
715	sel_slp_bts	9.7794e-01	3.9696e-02
716	sel_a50_bts	6.2224e+00	1.4065e-01
717	sel_age_one	-2.8763e+00	8.1393e-02
718	sel_slp_bts_dev	-7.1075e-01	2.3750e-01
719	sel_slp_bts_dev	5.0656e-01	1.8957e-01
720	sel_slp_bts_dev	2.8796e-01	1.3515e-01
721	sel_slp_bts_dev	-4.7779e-01	1.4488e-01
722	sel_slp_bts_dev	-1.9067e-01	1.5692e-01
723	sel_slp_bts_dev	-5.1332e-01	1.6774e-01
724	sel_slp_bts_dev	-6.4064e-01	2.2175e-01
725	sel_slp_bts_dev	-4.9508e-01	2.4450e-01
726	sel_slp_bts_dev	3.0460e-01	1.9287e-01
727	sel_slp_bts_dev	1.7774e-01	1.6012e-01
728	sel_slp_bts_dev	1.7141e-01	1.5403e-01
729	sel_slp_bts_dev	2.6700e-01	1.6500e-01
730	sel_slp_bts_dev	2.3498e-01	1.2685e-01
731	sel_slp_bts_dev	1.7530e-01	1.2919e-01
732	sel_slp_bts_dev	-1.4724e-01	1.1132e-01
733	sel_slp_bts_dev	-2.4676e-01	1.2556e-01
734	sel_slp_bts_dev	-4.3331e-01	1.0638e-01
735	sel_slp_bts_dev	-4.9874e-01	1.1823e-01
736	sel_slp_bts_dev	-2.3575e-01	1.3605e-01
737	sel_slp_bts_dev	-3.7173e-01	1.1682e-01
738	sel_slp_bts_dev	-6.7555e-02	1.1249e-01
739	sel_slp_bts_dev	1.4449e-01	1.2846e-01
740	sel_slp_bts_dev	3.8356e-02	1.1868e-01
741	sel_slp_bts_dev	2.0464e-01	1.3794e-01
742	sel_slp_bts_dev	-1.6043e-01	1.2852e-01
743	sel_slp_bts_dev	2.9189e-01	1.5616e-01
744	sel_slp_bts_dev	3.6870e-01	1.3646e-01
745	sel_slp_bts_dev	2.6522e-01	1.4022e-01
746	sel_slp_bts_dev	7.5667e-01	1.4860e-01
747	sel_slp_bts_dev	5.3403e-01	9.7838e-02
748	sel_slp_bts_dev	1.7250e-01	1.2667e-01
749	sel_slp_bts_dev	2.6202e-01	1.2204e-01
750	sel_slp_bts_dev	5.2809e-01	9.5481e-02
751	sel_slp_bts_dev	3.0521e-01	9.2440e-02
752	sel_slp_bts_dev	2.7438e-01	1.3634e-01
753	sel_slp_bts_dev	-4.3172e-02	1.4401e-01
754	sel_slp_bts_dev	-4.8568e-01	1.5129e-01
755	sel_slp_bts_dev	-2.7658e-01	1.8659e-01
756	sel_slp_bts_dev	-2.7658e-01	3.6959e-01
757	sel_a50_bts_dev	-1.7505e-01	8.9801e-02
758	sel_a50_bts_dev	-3.5096e-01	5.2185e-02
759	sel_a50_bts_dev	-1.7039e-01	4.9102e-02
760	sel_a50_bts_dev	1.1652e-01	4.8208e-02
761	sel_a50_bts_dev	7.9882e-03	5.9392e-02
762	sel_a50_bts_dev	9.8557e-02	6.5605e-02
763	sel_a50_bts_dev	3.2479e-02	7.9958e-02
764	sel_a50_bts_dev	-3.5607e-02	7.0829e-02
765	sel_a50_bts_dev	-1.8981e-01	5.8635e-02
766	sel_a50_bts_dev	-9.5319e-02	6.2679e-02
767	sel_a50_bts_dev	-9.3397e-02	5.7475e-02
768	sel_a50_bts_dev	-1.3581e-01	4.9270e-02
769	sel_a50_bts_dev	-6.3981e-02	4.0631e-02
770	sel_a50_bts_dev	2.5841e-02	5.0150e-02
771	sel_a50_bts_dev	1.9118e-01	3.5357e-02
772	sel_a50_bts_dev	2.1729e-01	4.7228e-02
773	sel_a50_bts_dev	2.9428e-01	4.1209e-02
774	sel_a50_bts_dev	2.4613e-01	5.2178e-02
775	sel_a50_bts_dev	1.0488e-01	5.7921e-02
776	sel_a50_bts_dev	1.5423e-01	4.3014e-02
777	sel_a50_bts_dev	6.0267e-02	4.6249e-02
778	sel_a50_bts_dev	3.1354e-02	5.3174e-02
779	sel_a50_bts_dev	6.9035e-02	4.0398e-02

780	sel_a50_bts_dev	-1.9894e-02	4.0282e-02
781	sel_a50_bts_dev	1.2536e-01	3.7855e-02
782	sel_a50_bts_dev	-6.6439e-02	4.6730e-02
783	sel_a50_bts_dev	-6.9132e-02	4.5532e-02
784	sel_a50_bts_dev	-6.0303e-02	4.6926e-02
785	sel_a50_bts_dev	-2.0588e-01	4.1334e-02
786	sel_a50_bts_dev	-8.0689e-02	3.0550e-02
787	sel_a50_bts_dev	-2.4004e-02	4.1202e-02
788	sel_a50_bts_dev	-4.0357e-02	3.1027e-02
789	sel_a50_bts_dev	-1.2425e-01	3.1766e-02
790	sel_a50_bts_dev	-9.2173e-02	3.5035e-02
791	sel_a50_bts_dev	-6.2908e-02	4.3930e-02
792	sel_a50_bts_dev	4.3136e-02	4.2799e-02
793	sel_a50_bts_dev	2.1683e-01	5.5063e-02
794	sel_a50_bts_dev	6.0505e-02	6.8264e-02
795	sel_a50_bts_dev	6.0505e-02	1.2718e-01
796	sel_one_bts_dev	-2.0205e-01	1.3430e-01
797	sel_one_bts_dev	-1.8183e-01	9.4693e-02
798	sel_one_bts_dev	-6.3311e-02	1.2057e-01
799	sel_one_bts_dev	-2.9249e-01	8.9868e-02
800	sel_one_bts_dev	-5.2499e-01	1.2398e-01
801	sel_one_bts_dev	-2.0917e-01	1.4154e-01
802	sel_one_bts_dev	-2.7574e-01	1.4373e-01
803	sel_one_bts_dev	-4.8864e-02	1.2426e-01
804	sel_one_bts_dev	9.7829e-02	8.6452e-02
805	sel_one_bts_dev	-2.0464e-01	9.8074e-02
806	sel_one_bts_dev	-1.0744e-01	9.5610e-02
807	sel_one_bts_dev	1.7587e-02	8.4494e-02
808	sel_one_bts_dev	-7.0737e-02	1.0913e-01
809	sel_one_bts_dev	-1.0230e-01	1.1577e-01
810	sel_one_bts_dev	-4.2941e-02	8.4263e-02
811	sel_one_bts_dev	6.6027e-02	8.4830e-02
812	sel_one_bts_dev	1.3237e-01	9.4599e-02
813	sel_one_bts_dev	1.0382e-01	9.4761e-02
814	sel_one_bts_dev	2.0844e-01	8.8216e-02
815	sel_one_bts_dev	9.1548e-02	7.4596e-02
816	sel_one_bts_dev	2.0974e-01	8.3964e-02
817	sel_one_bts_dev	3.1099e-01	1.0118e-01
818	sel_one_bts_dev	1.0073e-01	1.1073e-01
819	sel_one_bts_dev	1.1439e-02	1.2596e-01
820	sel_one_bts_dev	-4.8647e-02	9.1466e-02
821	sel_one_bts_dev	-6.6485e-02	8.3293e-02
822	sel_one_bts_dev	1.8571e-01	9.2785e-02
823	sel_one_bts_dev	3.6617e-01	6.5806e-02
824	sel_one_bts_dev	3.3728e-01	8.9830e-02
825	sel_one_bts_dev	-5.0004e-02	8.4047e-02
826	sel_one_bts_dev	-3.1461e-02	9.1460e-02
827	sel_one_bts_dev	3.1131e-01	6.8115e-02
828	sel_one_bts_dev	2.6204e-01	7.0961e-02
829	sel_one_bts_dev	4.3230e-02	1.0006e-01
830	sel_one_bts_dev	-5.1167e-02	1.3137e-01
831	sel_one_bts_dev	-1.0592e-02	1.2739e-01
832	sel_one_bts_dev	-3.7399e-02	1.0616e-01
833	sel_one_bts_dev	-1.1700e-01	1.2030e-01
834	sel_one_bts_dev	-1.1700e-01	2.7160e-01
835	rec_dev_future	0.0000e+00	6.7251e-01
836	rec_dev_future	0.0000e+00	6.7251e-01
837	rec_dev_future	0.0000e+00	6.7251e-01
838	rec_dev_future	0.0000e+00	6.7251e-01
839	rec_dev_future	0.0000e+00	6.7251e-01
840	L1	2.7804e+01	4.1450e-02
841	L2	4.6968e+01	7.2317e-02
842	log_K	-1.3435e-01	1.8418e-03
843	d_scale	5.5094e-01	1.0711e-02
844	d_scale	7.7844e-01	1.3575e-02
845	d_scale	8.0234e-01	1.3502e-02
846	d_scale	8.0888e-01	1.3404e-02
847	d_scale	8.1812e-01	1.3493e-02
848	d_scale	8.3313e-01	1.3712e-02
849	d_scale	8.4518e-01	1.3958e-02
850	d_scale	8.2888e-01	1.3794e-02
851	d_scale	8.3887e-01	1.3983e-02

852	d_scale	8.2421e-01	1.3866e-02
853	d_scale	8.5792e-01	1.4472e-02
854	d_scale	8.5715e-01	1.5062e-02
855	d_scale	9.6480e-01	1.6608e-02
856	coh_eff	0.0000e+00	1.0000e+00
857	coh_eff	0.0000e+00	1.0000e+00
858	coh_eff	0.0000e+00	1.0000e+00
859	coh_eff	0.0000e+00	1.0000e+00
860	coh_eff	0.0000e+00	1.0000e+00
861	coh_eff	0.0000e+00	1.0000e+00
862	coh_eff	0.0000e+00	1.0000e+00
863	coh_eff	0.0000e+00	1.0000e+00
864	coh_eff	0.0000e+00	1.0000e+00
865	coh_eff	0.0000e+00	1.0000e+00
866	coh_eff	0.0000e+00	1.0000e+00
867	coh_eff	0.0000e+00	1.0000e+00
868	coh_eff	0.0000e+00	1.0000e+00
869	coh_eff	0.0000e+00	1.0000e+00
870	coh_eff	0.0000e+00	1.0000e+00
871	coh_eff	0.0000e+00	1.0000e+00
872	coh_eff	2.2151e-01	9.5874e-01
873	coh_eff	-8.6904e-01	8.6745e-01
874	coh_eff	4.7712e-01	8.9739e-01
875	coh_eff	-4.0727e-01	8.4883e-01
876	coh_eff	6.8048e-01	8.5561e-01
877	coh_eff	8.0330e-01	8.6451e-01
878	coh_eff	-7.1242e-01	8.4425e-01
879	coh_eff	1.0201e+00	8.2523e-01
880	coh_eff	-9.7605e-01	7.5248e-01
881	coh_eff	-1.5956e-01	6.3499e-01
882	coh_eff	-3.3716e-01	5.5121e-01
883	coh_eff	-1.8974e-01	3.4562e-01
884	coh_eff	3.6103e-01	3.4650e-01
885	coh_eff	1.1264e+00	3.1561e-01
886	coh_eff	1.3064e+00	2.5860e-01
887	coh_eff	2.3991e-01	2.8464e-01
888	coh_eff	8.3637e-01	2.6118e-01
889	coh_eff	3.7847e-01	2.8964e-01
890	coh_eff	-5.3563e-01	3.1656e-01
891	coh_eff	-1.3169e+00	3.5263e-01
892	coh_eff	-1.6604e+00	2.5257e-01
893	coh_eff	5.7505e-01	1.6445e-01
894	coh_eff	1.6405e+00	1.0023e-01
895	coh_eff	5.0425e-01	1.7048e-01
896	coh_eff	-8.0947e-01	1.7991e-01
897	coh_eff	3.4388e-02	1.7967e-01
898	coh_eff	1.1218e+00	1.5479e-01
899	coh_eff	5.6885e-01	1.4501e-01
900	coh_eff	4.4166e-01	1.0182e-01
901	coh_eff	1.9283e-01	1.4902e-01
902	coh_eff	8.8644e-01	1.3947e-01
903	coh_eff	9.3590e-01	1.2548e-01
904	coh_eff	1.2210e+00	8.8305e-02
905	coh_eff	1.7953e-01	1.2432e-01
906	coh_eff	-7.3414e-01	1.4743e-01
907	coh_eff	-1.1298e+00	1.9131e-01
908	coh_eff	-6.1404e-01	2.1012e-01
909	coh_eff	-2.4531e+00	2.4035e-01
910	coh_eff	-4.5210e-01	1.5161e-01
911	coh_eff	-1.0947e+00	2.0992e-01
912	coh_eff	-1.7213e+00	1.5965e-01
913	coh_eff	-9.0019e-01	1.3843e-01
914	coh_eff	9.4498e-02	1.3612e-01
915	coh_eff	1.1889e+00	1.1712e-01
916	coh_eff	1.0478e+00	6.7091e-02
917	coh_eff	4.2354e-01	8.4993e-02
918	coh_eff	3.4235e-01	1.5185e-01
919	coh_eff	3.3363e-01	3.0436e-01
920	coh_eff	7.0839e-01	4.1084e-01
921	coh_eff	0.0000e+00	1.0000e+00
922	coh_eff	0.0000e+00	1.0000e+00
923	coh_eff	0.0000e+00	1.0000e+00

924	yr_eff	0.0000e+00	1.0000e+00
925	yr_eff	6.3318e-01	1.1159e+00
926	yr_eff	1.0290e+00	1.0890e+00
927	yr_eff	-1.1965e-01	9.0533e-01
928	yr_eff	2.0865e-01	9.0576e-01
929	yr_eff	-1.6733e-01	8.8114e-01
930	yr_eff	3.2763e-01	9.2964e-01
931	yr_eff	1.6319e+00	8.0450e-01
932	yr_eff	2.4923e-01	9.2742e-01
933	yr_eff	1.8109e+00	6.9160e-01
934	yr_eff	-4.8093e-02	8.0434e-01
935	yr_eff	-2.2194e-01	7.6354e-01
936	yr_eff	-4.8205e-01	7.0852e-01
937	yr_eff	-3.5522e-01	5.2916e-01
938	yr_eff	2.0592e-01	4.6637e-01
939	yr_eff	-4.4090e-01	5.3992e-01
940	yr_eff	-1.6134e+00	6.2282e-01
941	yr_eff	-1.0596e+00	5.5136e-01
942	yr_eff	-1.1356e+00	5.6783e-01
943	yr_eff	-1.1302e+00	5.6734e-01
944	yr_eff	-8.7114e-03	4.2021e-01
945	yr_eff	-4.6067e-01	4.0440e-01
946	yr_eff	5.0561e-01	1.8082e-01
947	yr_eff	1.2260e+00	1.3838e-01
948	yr_eff	-2.8557e-01	1.7132e-01
949	yr_eff	-7.7863e-01	2.3369e-01
950	yr_eff	-8.5683e-01	2.4369e-01
951	yr_eff	-3.0575e-01	2.1105e-01
952	yr_eff	-1.0038e+00	2.7623e-01
953	yr_eff	-6.3465e-01	2.2358e-01
954	yr_eff	-5.9888e-01	1.7122e-01
955	yr_eff	6.0223e-01	1.2625e-01
956	yr_eff	-3.5303e-01	1.9100e-01
957	yr_eff	-5.4355e-01	1.8997e-01
958	yr_eff	-5.1445e-01	1.8065e-01
959	yr_eff	-7.6202e-01	1.8909e-01
960	yr_eff	-4.2197e-01	1.5895e-01
961	yr_eff	1.0699e+00	9.1372e-02
962	yr_eff	6.4287e-02	1.3891e-01
963	yr_eff	1.8490e+00	8.7978e-02
964	yr_eff	6.8453e-01	1.3762e-01
965	yr_eff	3.2020e-01	1.2168e-01
966	yr_eff	2.4324e-01	1.3128e-01
967	yr_eff	5.1731e-01	1.0968e-01
968	yr_eff	1.2938e-01	1.2258e-01
969	yr_eff	-3.0943e+00	3.5429e-01
970	yr_eff	-9.7297e-01	1.4764e-01
971	yr_eff	-5.7671e-01	1.2550e-01
972	yr_eff	-1.2266e+00	1.8430e-01
973	yr_eff	6.1389e-01	7.6903e-02
974	yr_eff	0.0000e+00	1.0000e+00
975	yr_eff	0.0000e+00	1.0000e+00
976	yr_eff	0.0000e+00	1.0000e+00
977	yr_eff	0.0000e+00	1.0000e+00
978	yr_eff	0.0000e+00	1.0000e+00
979	yr_eff	0.0000e+00	1.0000e+00
980	q_all	1.2529e+00	4.2409e-02
981	endyr_N	1.8177e+04	4.0034e+03
982	endyr_N	7.7783e+03	1.6767e+03
983	endyr_N	4.7703e+03	9.2825e+02
984	endyr_N	1.8475e+03	4.6060e+02
985	endyr_N	8.7782e+02	2.1221e+02
986	endyr_N	1.1775e+03	2.1727e+02
987	endyr_N	2.6508e+03	4.1442e+02
988	endyr_N	1.5148e+03	2.4605e+02
989	endyr_N	2.2337e+02	4.2658e+01
990	endyr_N	1.5797e+02	2.9556e+01
991	endyr_N	1.4504e+02	2.5721e+01
992	endyr_N	1.7006e+02	3.1587e+01
993	endyr_N	2.8187e+01	6.1264e+00
994	endyr_N	1.4510e+01	3.9072e+00
995	endyr_N	6.7222e+00	2.1913e+00

996	B_Bnofsh	5.7591e-01	1.0097e-01
997	Bzero	5.7922e+03	1.1901e+03
998	Percent_Bzero	5.1129e-01	1.1779e-01
999	Percent_Bzero_1	4.5393e-01	1.0554e-01
1000	Percent_Bzero_2	4.5046e-01	1.0498e-01
1001	Percent_B100	4.8219e-01	5.1158e-02
1002	Percent_B100_1	4.2809e-01	4.8377e-02
1003	Percent_B100_2	4.2482e-01	4.8495e-02
1004	SPR_OFL	3.0196e-01	6.9226e-02
1005	F40	2.7338e-01	1.9831e-02
1006	F35	3.4818e-01	2.6901e-02
1007	SSB	5.5331e+02	1.5123e+02
1008	SSB	6.5556e+02	1.5010e+02
1009	SSB	7.6174e+02	1.6519e+02
1010	SSB	9.5483e+02	1.8548e+02
1011	SSB	1.1787e+03	2.2483e+02
1012	SSB	1.4365e+03	2.6319e+02
1013	SSB	1.6691e+03	2.9376e+02
1014	SSB	1.7576e+03	3.0281e+02
1015	SSB	1.6635e+03	2.8323e+02
1016	SSB	1.3965e+03	2.5624e+02
1017	SSB	1.0402e+03	2.2235e+02
1018	SSB	8.8664e+02	1.7377e+02
1019	SSB	9.0328e+02	1.4114e+02
1020	SSB	9.4901e+02	1.2422e+02
1021	SSB	9.7706e+02	1.1596e+02
1022	SSB	9.7507e+02	1.0944e+02
1023	SSB	1.1261e+03	1.0477e+02
1024	SSB	1.8208e+03	1.1579e+02
1025	SSB	2.7126e+03	1.4807e+02
1026	SSB	3.3416e+03	1.7231e+02
1027	SSB	3.6013e+03	1.8070e+02
1028	SSB	3.8667e+03	1.7556e+02
1029	SSB	4.0576e+03	1.6541e+02
1030	SSB	4.1231e+03	1.4915e+02
1031	SSB	4.0328e+03	1.2832e+02
1032	SSB	3.5525e+03	1.1139e+02
1033	SSB	2.8102e+03	9.4805e+01
1034	SSB	2.0754e+03	7.9260e+01
1035	SSB	2.2140e+03	7.5878e+01
1036	SSB	3.1234e+03	9.5409e+01
1037	SSB	3.4725e+03	1.0662e+02
1038	SSB	3.6693e+03	1.1123e+02
1039	SSB	3.6889e+03	1.1476e+02
1040	SSB	3.5220e+03	1.1369e+02
1041	SSB	3.2065e+03	1.0532e+02
1042	SSB	3.2307e+03	1.0031e+02
1043	SSB	3.2458e+03	9.7673e+01
1044	SSB	3.2620e+03	1.0147e+02
1045	SSB	3.0641e+03	9.4940e+01
1046	SSB	3.2158e+03	9.0636e+01
1047	SSB	3.3116e+03	8.8937e+01
1048	SSB	3.0399e+03	8.3408e+01
1049	SSB	2.4947e+03	7.3838e+01
1050	SSB	2.0710e+03	6.9497e+01
1051	SSB	1.5469e+03	5.8767e+01
1052	SSB	1.6364e+03	6.2849e+01
1053	SSB	1.8856e+03	7.0853e+01
1054	SSB	2.2966e+03	8.4212e+01
1055	SSB	2.6933e+03	1.0502e+02
1056	SSB	3.0446e+03	1.3233e+02
1057	SSB	2.9783e+03	1.4763e+02
1058	SSB	3.1004e+03	1.7468e+02
1059	SSB	3.9755e+03	2.6921e+02
1060	SSB	4.4955e+03	3.5929e+02
1061	SSB	4.0334e+03	3.7135e+02
1062	SSB	3.6373e+03	3.9113e+02
1063	SSB	2.9615e+03	3.5990e+02
1064	sel_fut	1.2550e-04	9.8984e-05
1065	sel_fut	8.6204e-03	3.6468e-03
1066	sel_fut	1.0336e-01	2.2430e-02
1067	sel_fut	5.6620e-01	7.2833e-02

1068	sel_fut	1.4653e+00	1.5950e-01
1069	sel_fut	1.6249e+00	1.7887e-01
1070	sel_fut	1.5147e+00	1.7557e-01
1071	sel_fut	1.4104e+00	1.6959e-01
1072	sel_fut	1.3312e+00	1.4910e-01
1073	sel_fut	1.1625e+00	8.4800e-02
1074	sel_fut	1.1625e+00	8.4800e-02
1075	sel_fut	1.1625e+00	8.4800e-02
1076	sel_fut	1.1625e+00	8.4800e-02
1077	sel_fut	1.1625e+00	8.4800e-02
1078	sel_fut	1.1625e+00	8.4800e-02
1079	wt_last	4.1130e-01	2.8941e-02
1080	wt_last	5.5246e-01	2.0008e-02
1081	wt_last	6.4131e-01	8.7443e-03
1082	wt_last	7.5609e-01	3.4976e-03
1083	wt_last	8.9181e-01	4.7547e-03
1084	wt_last	9.3817e-01	7.7443e-03
1085	wt_last	9.8819e-01	7.6246e-03
1086	wt_last	1.0765e+00	7.0822e-03
1087	wt_last	1.1618e+00	6.6959e-03
1088	wt_last	1.3165e+00	1.0504e-02
1089	wt_last	1.4909e+00	9.1306e-03
1090	wt_last	1.6231e+00	1.0823e-02
1091	wt_last	1.8025e+00	1.4030e-02
1092	wt_cur	3.6428e-01	6.2447e-02
1093	wt_cur	5.4262e-01	5.8708e-02
1094	wt_cur	6.8912e-01	5.6802e-02
1095	wt_cur	7.7885e-01	5.4219e-02
1096	wt_cur	8.9106e-01	5.2626e-02
1097	wt_cur	1.0217e+00	5.0747e-02
1098	wt_cur	1.0612e+00	4.8486e-02
1099	wt_cur	1.1033e+00	4.5425e-02
1100	wt_cur	1.1830e+00	4.2077e-02
1101	wt_cur	1.2596e+00	3.8688e-02
1102	wt_cur	1.4057e+00	3.6325e-02
1103	wt_cur	1.5716e+00	3.2863e-02
1104	wt_cur	1.6959e+00	3.0521e-02
1105	wt_next	3.6428e-01	6.2447e-02
1106	wt_next	4.9560e-01	8.0672e-02
1107	wt_next	6.7928e-01	7.9204e-02
1108	wt_next	8.2666e-01	7.8040e-02
1109	wt_next	9.1383e-01	7.5482e-02
1110	wt_next	1.0209e+00	7.2956e-02
1111	wt_next	1.1447e+00	6.9759e-02
1112	wt_next	1.1763e+00	6.6004e-02
1113	wt_next	1.2098e+00	6.1515e-02
1114	wt_next	1.2808e+00	5.6769e-02
1115	wt_next	1.3487e+00	5.2024e-02
1116	wt_next	1.4864e+00	4.8130e-02
1117	wt_next	1.6444e+00	4.3531e-02
1118	wt_yraf	3.6428e-01	6.2447e-02
1119	wt_yraf	4.9560e-01	8.0672e-02
1120	wt_yraf	6.3226e-01	9.6611e-02
1121	wt_yraf	8.1682e-01	9.5590e-02
1122	wt_yraf	9.6164e-01	9.4066e-02
1123	wt_yraf	1.0437e+00	9.0835e-02
1124	wt_yraf	1.1440e+00	8.7259e-02
1125	wt_yraf	1.2598e+00	8.2897e-02
1126	wt_yraf	1.2828e+00	7.7958e-02
1127	wt_yraf	1.3076e+00	7.2365e-02
1128	wt_yraf	1.3699e+00	6.6580e-02
1129	wt_yraf	1.4295e+00	6.0861e-02
1130	wt_yraf	1.5593e+00	5.5963e-02
1131	avg_age_msy	5.3620e+00	3.1864e-01
1132	avgwt_msy	6.3863e-01	7.4071e-02
1133	MSY	2.2086e+03	4.8394e+02
1134	MSY_wt	2.2086e+03	2.6759e+02
1135	Fmsy	4.5213e-01	1.8600e-01
1136	Fmsy_wt	4.5213e-01	2.7095e-02
1137	Fmsy2	3.2197e-01	1.1024e-01
1138	Fmsy2_wt	3.0382e-01	2.2027e-02
1139	Fmsy2_dec	3.1190e-01	2.8917e-02

1140	Fmsy2_dec	3.0216e-01	2.5020e-02
1141	Fmsy2_dec	3.0309e-01	2.4540e-02
1142	Fmsy2_dec	3.1165e-01	2.6423e-02
1143	Fmsy2_dec	3.1906e-01	2.8352e-02
1144	Fmsy2_dec	3.2906e-01	3.2403e-02
1145	Fmsy2_dec	3.2387e-01	3.1808e-02
1146	Fmsy2_dec	3.2732e-01	3.3276e-02
1147	Fmsy2_dec	3.1460e-01	2.8782e-02
1148	Fmsy2_dec	3.0492e-01	2.6318e-02
1149	Fmsy2_decwt	3.0487e-01	2.5246e-02
1150	Fmsy2_decwt	3.0603e-01	2.6670e-02
1151	Fmsy2_decwt	3.0536e-01	2.5013e-02
1152	Fmsy2_decwt	3.0560e-01	2.7283e-02
1153	Fmsy2_decwt	3.0710e-01	2.7924e-02
1154	Fmsy2_decwt	3.0691e-01	2.4423e-02
1155	Fmsy2_decwt	3.0587e-01	2.1675e-02
1156	Fmsy2_decwt	3.0450e-01	1.6318e-02
1157	Fmsy2_decwt	3.0242e-01	1.2031e-02
1158	Fmsy2_decwt	3.0198e-01	1.3035e-02
1159	Bmsy2	6.8597e+03	1.7972e+03
1160	Bmsy2_wt	7.2696e+03	6.9644e+02
1161	lnFmsy	-7.9379e-01	4.1139e-01
1162	lnFmsy2	-1.1333e+00	3.4239e-01
1163	SER_Fmsy	6.7164e-01	6.4115e-02
1164	Fendyr_Fmsy	4.6339e-01	2.1255e-01
1165	Rmsy	2.8832e+04	4.7122e+03
1166	Bmsy	2.2570e+03	5.3410e+02
1167	Fcur_Fmsy	7.9439e-01	3.6317e-01
1168	Fcur_Fmsy	4.7528e-01	2.1598e-01
1169	Fcur_Fmsy	5.6754e-01	2.5835e-01
1170	Fcur_Fmsy	6.6270e-01	3.0220e-01
1171	Fcur_Fmsy	7.6093e-01	3.4765e-01
1172	Fcur_Fmsy	8.6242e-01	3.9481e-01
1173	Fcur_Fmsy	9.6737e-01	4.4380e-01
1174	Bcur_Bmsy	1.0658e+00	2.8188e-01
1175	Bcur_Bmsy	1.1753e+00	3.0434e-01
1176	Bcur_Bmsy	1.1421e+00	2.9748e-01
1177	Bcur_Bmsy	1.1092e+00	2.9072e-01
1178	Bcur_Bmsy	1.0766e+00	2.8407e-01
1179	Bcur_Bmsy	1.0443e+00	2.7753e-01
1180	Bcur_Bmsy	1.0124e+00	2.7110e-01
1181	Bcur_Bmean	8.1326e-01	1.0468e-01
1182	Bcur_Bmean	8.9684e-01	1.0400e-01
1183	Bcur_Bmean	8.7149e-01	1.0422e-01
1184	Bcur_Bmean	8.4638e-01	1.0443e-01
1185	Bcur_Bmean	8.2150e-01	1.0462e-01
1186	Bcur_Bmean	7.9687e-01	1.0480e-01
1187	Bcur_Bmean	7.7248e-01	1.0496e-01
1188	Bcur3_Bcur	1.1370e+00	3.3779e-01
1189	Bcur3_Bcur	1.3131e+00	3.5238e-01
1190	Bcur3_Bcur	1.2558e+00	3.4773e-01
1191	Bcur3_Bcur	1.2024e+00	3.4335e-01
1192	Bcur3_Bcur	1.1528e+00	3.3915e-01
1193	Bcur3_Bcur	1.1065e+00	3.3510e-01
1194	Bcur3_Bcur	1.0634e+00	3.3115e-01
1195	Bcur3_Bmean	1.0003e+00	3.0765e-01
1196	Bcur3_Bmean	1.1844e+00	3.2472e-01
1197	Bcur3_Bmean	1.1246e+00	3.1969e-01
1198	Bcur3_Bmean	1.0688e+00	3.1458e-01
1199	Bcur3_Bmean	1.0169e+00	3.0940e-01
1200	Bcur3_Bmean	9.6838e-01	3.0414e-01
1201	Bcur3_Bmean	9.2312e-01	2.9881e-01
1202	Bcur2_Bmsy	1.0828e+00	2.9550e-01
1203	Bcur2_Bmsy	1.2448e+00	3.2768e-01
1204	Bcur2_Bmsy	1.1941e+00	3.1754e-01
1205	Bcur2_Bmsy	1.1453e+00	3.0783e-01
1206	Bcur2_Bmsy	1.0982e+00	2.9852e-01
1207	Bcur2_Bmsy	1.0528e+00	2.8959e-01
1208	Bcur2_Bmsy	1.0092e+00	2.8103e-01
1209	Bcur2_B20	2.1097e+00	5.2011e-01
1210	Bcur2_B20	2.4253e+00	5.7145e-01
1211	Bcur2_B20	2.3265e+00	5.5528e-01

1212	Bcur2_B20	2.2313e+00	5.3979e-01
1213	Bcur2_B20	2.1395e+00	5.2493e-01
1214	Bcur2_B20	2.0511e+00	5.1067e-01
1215	Bcur2_B20	1.9661e+00	4.9698e-01
1216	LTA1_5R	1.6708e+00	7.6406e-01
1217	LTA1_5R	1.2302e+00	5.4422e-01
1218	LTA1_5R	1.3483e+00	6.0146e-01
1219	LTA1_5R	1.4779e+00	6.6570e-01
1220	LTA1_5R	1.6202e+00	7.3798e-01
1221	LTA1_5R	1.7768e+00	8.1952e-01
1222	LTA1_5R	1.9495e+00	9.1177e-01
1223	LTA1_5	2.1912e+01	1.0014e+01
1224	LTA1_5	1.6134e+01	7.1258e+00
1225	LTA1_5	1.7684e+01	7.8775e+00
1226	LTA1_5	1.9383e+01	8.7214e+00
1227	LTA1_5	2.1250e+01	9.6709e+00
1228	LTA1_5	2.3303e+01	1.0742e+01
1229	LTA1_5	2.5568e+01	1.1955e+01
1230	MatAgeDiv1	1.6175e+00	1.0178e-01
1231	MatAgeDiv1	1.6460e+00	9.4950e-02
1232	MatAgeDiv1	1.6381e+00	9.6814e-02
1233	MatAgeDiv1	1.6297e+00	9.8830e-02
1234	MatAgeDiv1	1.6206e+00	1.0101e-01
1235	MatAgeDiv1	1.6109e+00	1.0337e-01
1236	MatAgeDiv1	1.6004e+00	1.0592e-01
1237	MatAgeDiv2	1.3042e+00	2.5712e-01
1238	MatAgeDiv2	1.4750e+00	2.6218e-01
1239	MatAgeDiv2	1.4241e+00	2.6243e-01
1240	MatAgeDiv2	1.3727e+00	2.6113e-01
1241	MatAgeDiv2	1.3213e+00	2.5835e-01
1242	MatAgeDiv2	1.2702e+00	2.5420e-01
1243	MatAgeDiv2	1.2200e+00	2.4882e-01
1244	RelEffort	1.1802e+00	2.7972e-01
1245	RelEffort	7.0609e-01	1.6632e-01
1246	RelEffort	8.4316e-01	1.9893e-01
1247	RelEffort	9.8453e-01	2.3271e-01
1248	RelEffort	1.1305e+00	2.6774e-01
1249	RelEffort	1.2812e+00	3.0413e-01
1250	RelEffort	1.4372e+00	3.4200e-01
1251	F40_spb	2.4567e+03	5.0437e+01
1252	begbiom	2.5054e+03	4.6482e+02
1253	DepletionSpawners	5.3524e+00	1.5763e+00
1254	SB100	6.1418e+03	1.2609e+02
1255	Current_Spawners	2.9615e+03	3.5990e+02
1256	pred_rec	6.5545e+03	2.4860e+03
1257	pred_rec	2.1536e+04	5.3827e+03
1258	pred_rec	1.5342e+04	4.8426e+03
1259	pred_rec	2.5831e+04	6.6622e+03
1260	pred_rec	2.2257e+04	6.2536e+03
1261	pred_rec	2.6221e+04	6.7755e+03
1262	pred_rec	2.3559e+04	6.3449e+03
1263	pred_rec	1.4515e+04	4.7529e+03
1264	pred_rec	1.1894e+04	3.9765e+03
1265	pred_rec	2.7239e+04	5.1556e+03
1266	pred_rec	2.0278e+04	3.9439e+03
1267	pred_rec	1.7711e+04	3.1550e+03
1268	pred_rec	1.4138e+04	2.3663e+03
1269	pred_rec	1.5436e+04	2.2170e+03
1270	pred_rec	2.7339e+04	2.6355e+03
1271	pred_rec	6.3868e+04	3.8528e+03
1272	pred_rec	2.5906e+04	2.2840e+03
1273	pred_rec	3.2596e+04	2.6046e+03
1274	pred_rec	1.7262e+04	1.7920e+03
1275	pred_rec	4.9586e+04	2.9204e+03
1276	pred_rec	1.3493e+04	1.4022e+03
1277	pred_rec	3.2163e+04	2.0868e+03
1278	pred_rec	1.2209e+04	1.1601e+03
1279	pred_rec	6.6971e+03	6.8884e+02
1280	pred_rec	5.6346e+03	5.6882e+02
1281	pred_rec	1.1662e+04	8.0756e+02
1282	pred_rec	4.9829e+04	1.7009e+03
1283	pred_rec	2.6038e+04	1.2647e+03

1284	pred_rec	2.2120e+04	1.2304e+03
1285	pred_rec	4.6157e+04	1.8676e+03
1286	pred_rec	1.5290e+04	9.7415e+02
1287	pred_rec	1.0478e+04	7.5792e+02
1288	pred_rec	2.2828e+04	1.0951e+03
1289	pred_rec	3.0874e+04	1.2630e+03
1290	pred_rec	1.5136e+04	8.5467e+02
1291	pred_rec	1.6358e+04	8.8887e+02
1292	pred_rec	2.5388e+04	1.1082e+03
1293	pred_rec	3.5124e+04	1.2347e+03
1294	pred_rec	2.3389e+04	9.7395e+02
1295	pred_rec	1.4286e+04	7.1039e+02
1296	pred_rec	6.5463e+03	4.5783e+02
1297	pred_rec	4.6561e+03	3.7899e+02
1298	pred_rec	1.1695e+04	6.4631e+02
1299	pred_rec	2.5255e+04	1.0720e+03
1300	pred_rec	1.4108e+04	8.8943e+02
1301	pred_rec	5.3120e+04	2.2423e+03
1302	pred_rec	2.3885e+04	1.4248e+03
1303	pred_rec	1.4913e+04	1.1761e+03
1304	pred_rec	1.3271e+04	1.1936e+03
1305	pred_rec	5.7241e+04	4.3642e+03
1306	pred_rec	5.7254e+04	5.3968e+03
1307	pred_rec	1.3282e+04	2.0985e+03
1308	pred_rec	6.3961e+03	1.5112e+03
1309	pred_rec	9.6904e+03	2.4054e+03
1310	pred_rec	1.8415e+04	3.5826e+03
1311	pred_rec	1.9132e+04	4.1240e+03
1312	pred_rec	1.8177e+04	4.0034e+03
1313	age_3_plus_biom	1.8550e+03	4.0940e+02
1314	age_3_plus_biom	2.2561e+03	4.5248e+02
1315	age_3_plus_biom	2.4197e+03	4.7843e+02
1316	age_3_plus_biom	3.6797e+03	6.2637e+02
1317	age_3_plus_biom	4.2014e+03	7.1810e+02
1318	age_3_plus_biom	5.2977e+03	8.3292e+02
1319	age_3_plus_biom	5.9375e+03	8.7553e+02
1320	age_3_plus_biom	6.3672e+03	8.4845e+02
1321	age_3_plus_biom	6.0380e+03	7.5527e+02
1322	age_3_plus_biom	4.8553e+03	6.6523e+02
1323	age_3_plus_biom	3.5948e+03	5.8075e+02
1324	age_3_plus_biom	3.7102e+03	4.6340e+02
1325	age_3_plus_biom	3.6702e+03	3.8534e+02
1326	age_3_plus_biom	3.6465e+03	3.3968e+02
1327	age_3_plus_biom	3.5644e+03	3.1696e+02
1328	age_3_plus_biom	3.5573e+03	2.9960e+02
1329	age_3_plus_biom	4.5374e+03	3.1571e+02
1330	age_3_plus_biom	8.4227e+03	4.1845e+02
1331	age_3_plus_biom	9.5425e+03	4.6314e+02
1332	age_3_plus_biom	1.0807e+04	4.9399e+02
1333	age_3_plus_biom	1.0622e+04	4.8145e+02
1334	age_3_plus_biom	1.2566e+04	4.6317e+02
1335	age_3_plus_biom	1.1766e+04	4.2092e+02
1336	age_3_plus_biom	1.2114e+04	3.5822e+02
1337	age_3_plus_biom	1.1217e+04	3.1205e+02
1338	age_3_plus_biom	9.3444e+03	2.7145e+02
1339	age_3_plus_biom	7.4068e+03	2.3347e+02
1340	age_3_plus_biom	5.8183e+03	2.0056e+02
1341	age_3_plus_biom	9.2525e+03	2.5787e+02
1342	age_3_plus_biom	1.1552e+04	3.2342e+02
1343	age_3_plus_biom	1.1296e+04	3.2649e+02
1344	age_3_plus_biom	1.2886e+04	3.5543e+02
1345	age_3_plus_biom	1.1257e+04	3.2415e+02
1346	age_3_plus_biom	1.0042e+04	3.0291e+02
1347	age_3_plus_biom	9.7121e+03	2.8711e+02
1348	age_3_plus_biom	1.0652e+04	2.9129e+02
1349	age_3_plus_biom	9.7965e+03	2.7023e+02
1350	age_3_plus_biom	9.5272e+03	2.6909e+02
1351	age_3_plus_biom	9.8293e+03	2.6768e+02
1352	age_3_plus_biom	1.1779e+04	2.8956e+02
1353	age_3_plus_biom	1.1087e+04	2.6859e+02
1354	age_3_plus_biom	9.2711e+03	2.3383e+02
1355	age_3_plus_biom	7.1088e+03	1.9600e+02

1356	age_3_plus_biom	5.7538e+03	1.7903e+02
1357	age_3_plus_biom	4.6998e+03	1.5748e+02
1358	age_3_plus_biom	5.8830e+03	1.9008e+02
1359	age_3_plus_biom	6.2728e+03	2.1601e+02
1360	age_3_plus_biom	9.0014e+03	2.9988e+02
1361	age_3_plus_biom	9.1119e+03	3.3201e+02
1362	age_3_plus_biom	9.1303e+03	3.7818e+02
1363	age_3_plus_biom	8.6229e+03	4.0840e+02
1364	age_3_plus_biom	1.2073e+04	6.9008e+02
1365	age_3_plus_biom	1.5486e+04	1.0858e+03
1366	age_3_plus_biom	1.3794e+04	1.0871e+03
1367	age_3_plus_biom	1.0964e+04	9.6723e+02
1368	age_3_plus_biom	9.8924e+03	1.0022e+03
1369	age_3_plus_biom	8.6930e+03	9.1372e+02
1370	age_3_plus_biom	8.1453e+03	9.2737e+02
1371	age_3_plus_biom	7.6411e+03	9.6331e+02
1372	ABC_biom	7.6787e+03	1.1229e+03
1373	ABC_biom	7.6787e+03	1.1229e+03
1374	ABC_biom	7.6787e+03	1.1229e+03
1375	ABC_biom	7.6787e+03	1.1229e+03
1376	ABC_biom	7.6787e+03	1.1229e+03
1377	ABC_biom	7.6787e+03	1.1229e+03
1378	ABC_biom	7.6787e+03	1.1229e+03
1379	ABC_biom	7.6787e+03	1.1229e+03
1380	ABC_biom	7.6787e+03	1.1229e+03
1381	ABC_biom	7.6787e+03	1.1229e+03
1382	ABC_biom2	7.0117e+03	1.0649e+03
1383	ABC_biom2	7.1837e+03	1.0665e+03
1384	ABC_biom2	7.3388e+03	1.0681e+03
1385	ABC_biom2	7.4786e+03	1.0695e+03
1386	ABC_biom2	7.6046e+03	1.0709e+03
1387	ABC_biom2	7.7181e+03	1.0721e+03
1388	ABC_biom2	7.8204e+03	1.0733e+03
1389	ABC_biom2	7.9126e+03	1.0744e+03
1390	ABC_biom2	7.9956e+03	1.0754e+03
1391	ABC_biom2	8.0704e+03	1.0763e+03
1392	rechat	4.2414e+03	9.9952e+02
1393	rechat	1.1391e+04	2.5326e+03
1394	rechat	1.6996e+04	3.5646e+03
1395	rechat	2.1301e+04	4.2173e+03
1396	rechat	2.4518e+04	4.5912e+03
1397	rechat	2.6827e+04	4.7681e+03
1398	rechat	2.8383e+04	4.8143e+03
1399	rechat	2.9319e+04	4.7826e+03
1400	rechat	2.9746e+04	4.7132e+03
1401	rechat	2.9763e+04	4.6354e+03
1402	rechat	2.9449e+04	4.5685e+03
1403	rechat	2.8875e+04	4.5225e+03
1404	rechat	2.8097e+04	4.5003e+03
1405	rechat	2.7166e+04	4.4995e+03
1406	rechat	2.6121e+04	4.5145e+03
1407	rechat	2.4997e+04	4.5385e+03
1408	rechat	2.3822e+04	4.5645e+03
1409	rechat	2.2619e+04	4.5867e+03
1410	rechat	2.1406e+04	4.6003e+03
1411	rechat	2.0199e+04	4.6019e+03
1412	SER	9.7880e-02	2.0005e-02
1413	SER	1.1042e-01	2.1180e-02
1414	SER	9.7536e-02	1.6808e-02
1415	SER	1.5206e-01	2.4157e-02
1416	SER	1.5969e-01	2.4245e-02
1417	SER	1.6392e-01	2.3579e-02
1418	SER	2.0830e-01	2.7121e-02
1419	SER	2.7442e-01	3.1730e-02
1420	SER	3.2329e-01	3.6475e-02
1421	SER	3.7400e-01	4.5190e-02
1422	SER	3.7722e-01	4.2114e-02
1423	SER	3.4006e-01	3.2564e-02
1424	SER	3.0881e-01	2.7395e-02
1425	SER	2.6790e-01	2.3314e-02
1426	SER	2.7107e-01	2.2465e-02
1427	SER	2.3630e-01	1.7990e-02

1428	SER	1.6577e-01	1.0974e-02
1429	SER	1.2476e-01	7.9504e-03
1430	SER	1.0619e-01	6.6818e-03
1431	SER	1.0166e-01	6.3299e-03
1432	SER	1.0504e-01	6.2410e-03
1433	SER	1.0333e-01	5.8734e-03
1434	SER	1.0318e-01	5.6273e-03
1435	SER	8.0439e-02	4.3260e-03
1436	SER	1.2327e-01	6.2746e-03
1437	SER	1.4760e-01	7.4227e-03
1438	SER	2.1302e-01	1.0274e-02
1439	SER	1.8837e-01	9.1201e-03
1440	SER	1.7222e-01	8.1755e-03
1441	SER	1.2590e-01	6.3648e-03
1442	SER	1.1478e-01	5.8670e-03
1443	SER	1.1171e-01	5.7468e-03
1444	SER	1.1351e-01	5.9044e-03
1445	SER	1.2062e-01	6.2355e-03
1446	SER	1.2223e-01	6.2139e-03
1447	SER	1.0720e-01	5.4890e-03
1448	SER	1.2782e-01	6.4114e-03
1449	SER	1.5589e-01	7.6322e-03
1450	SER	1.6053e-01	7.6871e-03
1451	SER	1.4669e-01	7.0062e-03
1452	SER	1.5197e-01	7.2465e-03
1453	SER	1.8547e-01	8.6374e-03
1454	SER	2.3822e-01	1.0631e-02
1455	SER	2.5360e-01	1.1415e-02
1456	SER	2.0752e-01	9.9042e-03
1457	SER	1.4860e-01	7.6039e-03
1458	SER	1.1881e-01	6.2376e-03
1459	SER	1.4180e-01	7.4091e-03
1460	SER	1.4566e-01	7.9437e-03
1461	SER	1.5478e-01	8.8338e-03
1462	SER	1.4703e-01	9.0686e-03
1463	SER	1.1980e-01	8.6154e-03
1464	SER	1.0583e-01	8.8121e-03
1465	SER	1.1381e-01	1.0428e-02
1466	SER	1.4381e-01	1.4158e-02
1467	SER	1.5645e-01	1.6559e-02
1468	SER	1.7198e-01	1.9116e-02
1469	future_SSB	2.9615e+03	3.5990e+02
1470	future_SSB	2.6024e+03	3.4040e+02
1471	future_SSB	2.4055e+03	3.3714e+02
1472	future_SSB	2.4439e+03	4.2185e+02
1473	future_SSB	2.6826e+03	6.9289e+02
1474	future_SSB	2.9588e+03	9.2128e+02
1475	future_SSB	2.9615e+03	3.5990e+02
1476	future_SSB	2.6681e+03	3.3924e+02
1477	future_SSB	2.6527e+03	3.3739e+02
1478	future_SSB	2.8095e+03	4.2810e+02
1479	future_SSB	3.1359e+03	7.0952e+02
1480	future_SSB	3.5033e+03	9.7226e+02
1481	future_SSB	2.9615e+03	3.5990e+02
1482	future_SSB	2.6489e+03	3.3950e+02
1483	future_SSB	2.5777e+03	3.3737e+02
1484	future_SSB	2.6951e+03	4.2655e+02
1485	future_SSB	2.9905e+03	7.0492e+02
1486	future_SSB	3.3264e+03	9.5731e+02
1487	future_SSB	2.9615e+03	3.5990e+02
1488	future_SSB	2.6293e+03	3.3983e+02
1489	future_SSB	2.5034e+03	3.3731e+02
1490	future_SSB	2.5848e+03	4.2472e+02
1491	future_SSB	2.8533e+03	6.9998e+02
1492	future_SSB	3.1615e+03	9.4205e+02
1493	future_SSB	2.9615e+03	3.5990e+02
1494	future_SSB	2.6092e+03	3.4024e+02
1495	future_SSB	2.4299e+03	3.3719e+02
1496	future_SSB	2.4785e+03	4.2262e+02
1497	future_SSB	2.7240e+03	6.9472e+02
1498	future_SSB	3.0077e+03	9.2651e+02
1499	future_SSB	2.9615e+03	3.5990e+02

1500	future_SSB	2.5886e+03	3.4074e+02
1501	future_SSB	2.3570e+03	3.3703e+02
1502	future_SSB	2.3761e+03	4.2023e+02
1503	future_SSB	2.6022e+03	6.8914e+02
1504	future_SSB	2.8643e+03	9.1071e+02
1505	future_SSB	2.9615e+03	3.5990e+02
1506	future_SSB	2.5675e+03	3.4134e+02
1507	future_SSB	2.2849e+03	3.3679e+02
1508	future_SSB	2.2777e+03	4.1757e+02
1509	future_SSB	2.4874e+03	6.8326e+02
1510	future_SSB	2.7304e+03	8.9469e+02
1511	Age3_Abund	2.2637e+03	7.4744e+02
1512	Age3_Abund	2.2468e+03	7.8335e+02
1513	Age3_Abund	1.6725e+03	6.3546e+02
1514	Age3_Abund	5.4914e+03	1.3779e+03
1515	Age3_Abund	3.8588e+03	1.2229e+03
1516	Age3_Abund	6.4637e+03	1.6742e+03
1517	Age3_Abund	5.5433e+03	1.5600e+03
1518	Age3_Abund	6.3777e+03	1.6557e+03
1519	Age3_Abund	5.5677e+03	1.5068e+03
1520	Age3_Abund	3.3138e+03	1.0908e+03
1521	Age3_Abund	2.6381e+03	8.9062e+02
1522	Age3_Abund	5.8482e+03	1.0882e+03
1523	Age3_Abund	4.6252e+03	8.8954e+02
1524	Age3_Abund	4.1481e+03	7.3021e+02
1525	Age3_Abund	3.3595e+03	5.5587e+02
1526	Age3_Abund	3.7056e+03	5.4196e+02
1527	Age3_Abund	6.7270e+03	6.5584e+02
1528	Age3_Abund	1.6097e+04	9.7818e+02
1529	Age3_Abund	6.6141e+03	5.8439e+02
1530	Age3_Abund	8.3770e+03	6.7025e+02
1531	Age3_Abund	4.4409e+03	4.6122e+02
1532	Age3_Abund	1.2775e+04	7.5268e+02
1533	Age3_Abund	3.4761e+03	3.6119e+02
1534	Age3_Abund	8.2916e+03	5.3783e+02
1535	Age3_Abund	3.1531e+03	2.9957e+02
1536	Age3_Abund	1.7282e+03	1.7772e+02
1537	Age3_Abund	1.4545e+03	1.4680e+02
1538	Age3_Abund	3.0059e+03	2.0814e+02
1539	Age3_Abund	1.2842e+04	4.4012e+02
1540	Age3_Abund	6.6929e+03	3.2668e+02
1541	Age3_Abund	5.7178e+03	3.1843e+02
1542	Age3_Abund	1.1939e+04	4.8357e+02
1543	Age3_Abund	3.9558e+03	2.5220e+02
1544	Age3_Abund	2.7048e+03	1.9581e+02
1545	Age3_Abund	5.8710e+03	2.8323e+02
1546	Age3_Abund	7.9695e+03	3.2678e+02
1547	Age3_Abund	3.9144e+03	2.2121e+02
1548	Age3_Abund	4.2313e+03	2.3008e+02
1549	Age3_Abund	6.5689e+03	2.8690e+02
1550	Age3_Abund	9.0793e+03	3.1961e+02
1551	Age3_Abund	6.0497e+03	2.5209e+02
1552	Age3_Abund	3.6973e+03	1.8391e+02
1553	Age3_Abund	1.6941e+03	1.1849e+02
1554	Age3_Abund	1.2040e+03	9.8008e+01
1555	Age3_Abund	3.0231e+03	1.6721e+02
1556	Age3_Abund	6.5301e+03	2.7756e+02
1557	Age3_Abund	3.6512e+03	2.3031e+02
1558	Age3_Abund	1.3750e+04	5.8109e+02
1559	Age3_Abund	6.1803e+03	3.6903e+02
1560	Age3_Abund	3.8577e+03	3.0449e+02
1561	Age3_Abund	3.4350e+03	3.0916e+02
1562	Age3_Abund	1.4816e+04	1.1310e+03
1563	Age3_Abund	1.4826e+04	1.3986e+03
1564	Age3_Abund	3.4408e+03	5.4376e+02
1565	Age3_Abund	1.6570e+03	3.9152e+02
1566	Age3_Abund	2.5106e+03	6.2328e+02
1567	Age3_Abund	4.7703e+03	9.2825e+02