Parameter	Number estimated	Initial value	Bounds (low, high)	Prior	Value (MLE)
Ln(Q) – catchability		Float option used			
Extra variability added to input standard deviation	1	0.1	(0.0,0.8)	no prior	0.10
Commercial CPUE 2					
Ln(Q) – catchability		Float option used			
Extra variability added to input standard deviation	1	0.1	(0.0,0.8)	no prior	0.06
Commercial CPUE 3					
Ln(Q) – catchability		Float option used			
Extra variability added to input standard deviation	1	0.1	(0.0,0.8)	no prior	0.32
SSBEggProd					
Ln(Q) – catchability		Float option used			
Extra variability added to input standard deviation	1	0.1	(0.0,1.2)	no prior	0.49
Larvae index					
Ln(Q) – catchability		Float option used			
Extra variability added to input standard deviation		0.3			

Table 2.1.9. Eastern Baltic cod in SDs 24-32. Catch at age, estimated from Stock Synthesis.

Year	a1	a2	a3	a4	a5	a6	a7	a8
1946	776	8119	14166	5790	3034	1556	632	762
1947	550	17126	27764	14553	3744	1735	858	756
1948	963	11023	50653	23579	7507	1675	743	677
1949	1133	15768	27259	36423	10231	2809	598	495
1950	1196	19403	41379	21059	17078	4147	1087	413
1951	942	19956	49218	30565	9367	6539	1513	533
1952	870	17689	55474	39195	14537	3821	2538	772
1953	729	10402	32751	30363	12890	4101	1025	863
1954	1159	12979	28470	27126	15656	5829	1781	800
1955	1003	17161	30372	20351	12042	6077	2170	938

Year	a1	a2	a3	a4	a5	a6	a7	a8
1956	771	20785	53924	28300	11683	6033	2919	1456
1957	826	15852	62052	45563	14158	4990	2448	1724
1958	1096	11459	33000	36949	15813	4144	1378	1116
1959	960	18674	29520	24703	16442	6005	1493	874
1960	1398	20121	56604	24726	11900	6645	2287	873
1961	993	17828	38387	29452	7135	2812	1464	670
1962	1031	16369	43342	25905	11429	2321	862	633
1963	1208	18212	42171	30719	10502	3875	741	461
1964	1415	14831	34234	22431	9404	2690	934	280
1965	1749	22739	36610	24516	9622	3461	943	413
1966	2315	44426	83150	36627	14283	4750	1620	615
1967	2159	37302	102573	49997	11994	3803	1176	532
1968	2087	37522	91823	65890	17602	3449	1019	440
1969	1642	34081	87615	56433	22167	4827	880	358
1970	1726	26400	78405	53447	18925	6073	1232	304
1971	1935	25109	56362	45432	17243	5018	1503	366
1972	2262	28136	54916	34344	15789	4992	1365	491
1973	2318	31807	60526	33502	12200	4730	1413	508
1974	1174	31144	65315	36128	12009	3757	1387	547
1975	1064	20485	83007	51699	17656	5133	1542	774
1976	1250	15869	51267	63931	24768	7403	2066	910
1977	2262	18887	36221	34254	26477	8996	2585	1014
1978	2010	38283	44145	24973	15011	10354	3404	1334
1979	1174	33408	105042	40538	15224	8287	5554	2496
1980	2713	26267	106116	104314	26069	8782	4625	4405
1981	2196	39481	62790	83642	53104	11783	3822	3848
1982	1592	39580	100411	47429	39533	22095	4715	3005
1983	926	26366	102505	79833	23742	17487	9413	3223
1984	969	19898	85784	101888	49844	13021	9213	6506
1985	1137	18681	55923	66660	46628	19466	4836	5670

Year	a1	a2	a3	a4	a5	a6	a7	a8
1986	1708	20646	52545	44261	30887	18309	7246	3796
1987	1147	33461	58828	39358	18705	10868	6067	3540
1988	776	21510	89670	40470	14988	5871	3197	2726
1989	759	13711	54538	59458	14915	4557	1671	1625
1990	731	16181	37961	39378	23930	4943	1410	984
1991	1058	10970	40397	25435	14215	6930	1321	613
1992	1029	10817	15773	14949	5022	2233	998	266
1993	495	11787	21630	8972	4952	1401	584	319
1994	524	11720	43792	29750	7654	3633	972	606
1995	803	10931	29309	32092	13957	3038	1350	564
1996	615	13223	33020	29243	20293	7778	1588	964
1997	1208	8478	30700	22498	10956	6208	2206	687
1998	1487	16223	20516	20354	7772	2902	1476	652
1999	1271	16488	41477	17560	8839	2490	807	551
2000	1015	20636	48845	34710	7147	2474	584	287
2001	1338	14151	49188	33048	12013	1769	505	158
2002	686	14172	27188	25915	9090	2458	306	102
2003	798	8633	35361	22456	11640	3172	755	115
2004	1512	9991	22454	29342	10334	4014	952	239
2005	1286	17987	22467	15409	10766	2862	946	255
2006	911	11595	43327	21725	8758	4758	1112	429
2007	699	7933	24776	30801	8971	2752	1291	381
2008	661	7802	21526	19470	13148	2945	781	434
2009	702	8547	24098	23027	11258	5746	1126	425
2010	654	8048	22222	22854	13129	4865	2161	541
2011	758	7334	23348	22968	14424	6549	2106	1083
2012	1396	9215	25108	28640	16021	7680	3009	1318
2013	1098	8306	18114	18593	11560	4564	1814	899
2014	883	9718	24215	19771	11049	4816	1544	806
2015	823	7287	26194	26219	12057	4729	1648	684

Year	a1	a2	a3	a4	a5	a6	a7	a8
2016	334	4698	13837	20611	12297	4109	1311	553
2017	361	2469	11157	13148	11877	5379	1514	604
2018	111	2163	5086	9594	6941	4856	1905	677

Table 2.1.10. Eastern Baltic cod in SDs 24-32. Spawning stock biomass (SSB, at the spawning time), recruitment at age 2 and fishing mortality (F_{bar} for ages 4-6). "High" and "low" values correspond to 90% confidence intervals.

Year	SSB	SSB high	SSB low	R, a2	F_{bar}	F_{bar} high	F_{bar} low
1946	61032	67254	54810	441747	0.406	0.444	0.368
1947	80827	87908	73747	729371	0.524	0.566	0.481
1948	104117	112350	95884	406490	0.590	0.632	0.548
1949	112508	121886	103130	592533	0.571	0.613	0.529
1950	118593	128263	108923	701980	0.597	0.641	0.554
1951	130709	140518	120900	718366	0.601	0.641	0.561
1952	134205	144261	124149	563182	0.670	0.714	0.626
1953	140002	150884	129120	449890	0.492	0.526	0.458
1954	134379	145712	123046	516329	0.532	0.571	0.493
1955	135899	146993	124805	748939	0.493	0.529	0.457
1956	140676	150485	130867	728105	0.614	0.652	0.576
1957	132041	140515	123567	444969	0.751	0.793	0.709
1958	116992	124960	109024	369415	0.650	0.688	0.612
1959	98892	105954	91830	562817	0.701	0.744	0.659
1960	83536	90033	77039	465476	0.920	0.989	0.852
1961	82647	89015	76280	516156	0.745	0.795	0.694
1962	84913	91457	78370	471566	0.747	0.797	0.697
1963	82716	90071	75361	485481	0.804	0.865	0.742
1964	89835	99255	80415	521944	0.617	0.673	0.560
1965	104057	116407	91707	829652	0.602	0.666	0.539
1966	114848	126236	103460	1082730	0.905	0.959	0.852
1967	134457	146605	122309	942648	0.870	0.951	0.789
1968	140536	151510	129562	906337	0.896	0.968	0.825
1969	137015	146370	127660	821258	0.892	0.953	0.831