

S2 Table. Results from the selectivity analysis for individual hauls. Catch weight, sea state and trawl side are the fixed factors measured at haul level, and included together with mesh size in the meta-analysis. Standard deviation of the estimated $L50$, SR , and SP are shown in brackets. CO11 to CO33 are the vectorised form of the covariance matrix from the estimated $L50$, SR , and SP . Hauls ordered by codend type, mesh size, and cruise.

Cruise	Haul	Codend type	Mesh size (m)	Cath weight (w)	Sea State (s)	Trawl side (p)	$L50$	SR	SP	CO11	CO12	CO13	CO22	CO23	CO33	P-Value	Deviance	d.o.f
January	1	Diamond-mesh	19.05	16.88	5	1	33.69 (0.88)	7.36 (1.32)	0.44 (0.01)	0.78	0.43	0.01	1.73	0.01	0.00	0.344	118.44	113
January	2	Diamond-mesh	19.05	21.45	4	1	29.34 (1.36)	6.01 (1.7)	0.57 (0.01)	1.86	0.09	0.00	2.89	0.00	0.00	0.021	136.64	105
January	3	Diamond-mesh	19.05	20.26	4	1	30.55 (2.43)	15.76 (5.05)	0.49 (0.02)	5.89	0.16	0.02	25.52	0.07	0.00	0.158	131.26	116
November	4	Diamond-mesh	19.05	92.9	6	0	39.43 (2.02)	9.52 (3.09)	0.56 (0.02)	4.07	-0.51	0.01	9.54	0.02	0.00	0.740	75.3	84
November	5	Diamond-mesh	19.05	101	6	0	44.89 (1.03)	7.96 (1.68)	0.45 (0.02)	1.05	1.07	0.02	2.81	0.02	0.00	0.958	71.71	94
November	6	Diamond-mesh	19.05	74.62	5	0	44.62 (1.97)	10.92 (3.08)	0.56 (0.03)	3.87	4.18	0.05	9.51	0.07	0.00	0.243	104.23	95
January	7	Diamond-mesh	20.19	12.07	4	1	28.43 (3.59)	7.74 (6.96)	0.45 (0.01)	12.88	-7.07	0.01	48.37	0.05	0.00	0.026	125.86	97
January	8	Diamond-mesh	20.19	18.2	5	1	34.9 (1.37)	12.98 (1.95)	0.5 (0.02)	1.87	1.25	0.02	3.79	0.02	0.00	0.116	131.21	113
January	9	Diamond-mesh	20.19	19.48	4	1	31.97 (1.02)	6.98 (1.28)	0.5 (0.01)	1.04	0.48	0.00	1.65	0.00	0.00	0.213	125.72	114
April	10	Diamond-mesh	20.19	9.93	3	0	40.63 (4.89)	21.24 (9.34)	0.55 (0.05)	23.95	35.45	0.25	87.33	0.44	0.00	0.302	105.79	99
April	11	Diamond-mesh	20.19	12.01	3	0	39.62 (0.93)	7.65 (1.38)	0.49 (0.02)	0.86	0.57	0.01	1.92	0.01	0.00	0.089	120.59	101
April	12	Diamond-mesh	20.19	9.07	2	0	36.1 (0.85)	5.15 (1.33)	0.48 (0.01)	0.73	0.45	0.01	1.78	0.01	0.00	0.116	103.01	87
April	13	Diamond-mesh	20.19	5.06	2	1	42.06 (1.53)	9.08 (2.65)	0.54 (0.03)	2.35	2.55	0.03	7.01	0.05	0.00	0.145	100.98	87
April	14	Diamond-mesh	20.19	9.52	3	1	32.94 (3.09)	7.25 (6.68)	0.5 (0.02)	9.52	-6.92	0.01	44.61	0.07	0.00	0.166	99.71	87
April	15	Diamond-mesh	21.45	5.32	3	1	38.61 (1.32)	9.81 (1.92)	0.39 (0.02)	1.73	1.07	0.02	3.69	0.02	0.00	0.029	129.57	101
April	16	Diamond-mesh	21.45	6.37	3	1	38.01 (1.16)	7.66 (1.72)	0.43 (0.02)	1.35	1.02	0.02	2.94	0.02	0.00	0.032	129.94	102
April	17	Diamond-mesh	21.45	18.03	3	0	40.65 (0.93)	7.75 (1.35)	0.49 (0.02)	0.86	0.67	0.01	1.82	0.01	0.00	0.397	106.1	103
April	18	Diamond-mesh	21.45	1.48	3	0	49.75 (3.14)	16.06 (2.89)	0.51 (0.05)	9.85	7.79	0.14	8.35	0.10	0.00	0.051	119.79	96
April	19	Diamond-mesh	21.45	1.68	2	0	43.32 (3.3)	14.91 (4.18)	0.54 (0.05)	10.89	11.12	0.15	17.49	0.16	0.00	0.015	130.62	98

September	20	Diamond-mesh	21.45	25.81	3	0	46.51 (0.9)	7.48 (1.08)	0.56 (0.02)	0.82	0.65	0.01	1.16	0.01	0.00	0.365	102.23	98
September	21	Diamond-mesh	21.45	20.56	3	1	39.1 (2.08)	10.75 (3.86)	0.49 (0.03)	4.31	3.32	0.04	14.92	0.07	0.00	0.001	153.81	101
September	22	Diamond-mesh	21.45	53.39	3	1	41.48 (2.69)	16.69 (4)	0.59 (0.03)	7.26	7.09	0.08	15.96	0.09	0.00	0.049	126.7	102
January	23	Diamond-mesh	22.95	16.22	4	1	34.38 (0.99)	7.38 (1.69)	0.49 (0.01)	0.98	1.07	0.01	2.86	0.01	0.00	0.428	115.07	113
January	24	Diamond-mesh	22.95	25.32	4	1	35.34 (0.77)	6.15 (1.05)	0.47 (0.01)	0.59	0.39	0.00	1.09	0.00	0.00	0.057	141.1	116
January	25	Diamond-mesh	22.95	11.48	4	1	40.78 (1.72)	10.4 (2.36)	0.47 (0.03)	2.94	3.23	0.04	5.59	0.05	0.00	0.005	153.71	111
November	26	Diamond-mesh	22.95	52.71	5	0	43.83 (1.86)	10.54 (4.07)	0.52 (0.02)	3.45	1.82	0.03	16.56	0.07	0.00	0.654	80.27	86
November	27	Diamond-mesh	22.95	88.15	5	0	43.35 (1.25)	6.36 (2.01)	0.47 (0.02)	1.56	0.41	0.01	4.04	0.01	0.00	0.135	101.64	87
November	28	Diamond-mesh	22.95	70.9	2	0	47.03 (2.18)	12 (3.85)	0.47 (0.03)	4.77	4.47	0.06	14.79	0.08	0.00	0.006	134.69	96
April	29	Diamond-mesh	24.65	5.22	4	1	44.98 (0.86)	6.34 (1.15)	0.45 (0.02)	0.74	0.59	0.01	1.32	0.01	0.00	0.343	102.06	97
April	30	Diamond-mesh	24.65	4.79	3	1	42.5 (0.74)	5.11 (0.96)	0.48 (0.02)	0.54	0.23	0.01	0.92	0.00	0.00	0.374	90.63	87
April	31	Diamond-mesh	24.65	5.45	3	1	48.74 (1.49)	10.53 (1.7)	0.45 (0.03)	2.22	1.81	0.04	2.91	0.03	0.00	0.836	83.4	97
April	32	Diamond-mesh	24.65	5.19	3	0	40.1 (1.13)	8.92 (1.95)	0.42 (0.02)	1.28	0.81	0.02	3.80	0.02	0.00	0.066	111.01	90
April	33	Diamond-mesh	24.65	8.87	3	0	49.63 (1.27)	8.96 (1.42)	0.5 (0.03)	1.62	1.33	0.03	2.02	0.02	0.00	0.114	110.79	94
April	34	Diamond-mesh	24.65	7.52	3	0	44.28 (2.82)	17.6 (4.97)	0.55 (0.03)	7.97	8.07	0.08	24.67	0.12	0.00	0.168	109.23	96
January	35	Diamond-mesh	25.1	12.46	3	1	38.35 (2.27)	14.85 (4.69)	0.49 (0.03)	5.16	3.11	0.05	21.99	0.09	0.00	0.133	107.18	92
January	36	Diamond-mesh	25.1	16.59	3	1	30.67 (2.83)	7.84 (3.33)	0.45 (0.02)	8.04	-0.95	0.02	11.12	0.02	0.00	0.000	157.02	101
January	37	Diamond-mesh	25.1	15.64	3	1	35.72 (3.45)	19.23 (6.93)	0.43 (0.04)	11.87	13.43	0.11	48.06	0.21	0.00	0.173	62.57	53
April	38	Diamond-mesh	25.1	4.94	3	0	47.48 (1.25)	9.57 (1.08)	0.63 (0.03)	1.57	1.10	0.03	1.17	0.02	0.00	0.687	101.33	109
April	39	Diamond-mesh	25.1	8.98	3	1	47.5 (0.9)	6.64 (1.18)	0.42 (0.02)	0.82	0.61	0.01	1.39	0.01	0.00	0.123	105.78	90
September	40	Diamond-mesh	27.15	30.31	2	1	50.2 (1.45)	11.31 (1.32)	0.3 (0.02)	2.11	1.56	0.03	1.74	0.02	0.00	0.899	92.43	111
September	41	Diamond-mesh	27.15	26.16	2	1	50.76 (1.82)	12.16 (1.62)	0.36 (0.03)	3.31	2.49	0.05	2.61	0.04	0.00	0.390	109.44	106
September	42	Diamond-mesh	27.15	26.92	2	1	50.11 (1.02)	8.08 (1.01)	0.47 (0.03)	1.04	0.85	0.02	1.01	0.02	0.00	0.803	95.35	108

September	43	Diamond-mesh	27.15	19.84	2	0	59.41 (2.03)	12.49 (1.15)	0.51 (0.04)	4.10	1.99	0.08	1.33	0.03	0.00	0.051	133.04	108
September	44	Diamond-mesh	27.15	21.88	2	0	60.8 (2)	10.39 (0.68)	0.78 (0.04)	3.99	1.16	0.08	0.47	0.02	0.00	0.923	87.77	108
September	45	Diamond-mesh	27.15	28.12	2	0	57.32 (2.59)	13.89 (1.57)	0.59 (0.05)	6.71	3.57	0.12	2.46	0.06	0.00	0.248	123.88	114
April	46	Diamond-mesh	27.83	8.94	2	1	53.36 (1.76)	9.66 (1.05)	0.52 (0.05)	3.08	1.54	0.08	1.10	0.03	0.00	0.006	143.85	104
April	47	Diamond-mesh	27.83	9.98	2	1	52.76 (1.14)	7.33 (0.81)	0.55 (0.03)	1.30	0.78	0.03	0.65	0.02	0.00	0.559	96.27	99
April	48	Diamond-mesh	27.83	7.72	2	1	52.57 (1.38)	9.28 (1.15)	0.47 (0.03)	1.90	1.31	0.04	1.32	0.02	0.00	0.900	79.63	97
April	49	Diamond-mesh	27.83	10.66	2	0	45.5 (2.55)	13.34 (3.2)	0.53 (0.04)	6.51	6.68	0.09	10.23	0.10	0.00	0.021	123.85	94
April	50	Diamond-mesh	27.83	14.62	2	0	43.1 (0.96)	7.42 (1.25)	0.46 (0.02)	0.93	0.80	0.01	1.56	0.01	0.00	0.516	98.77	100
April	51	Diamond-mesh	27.83	15.6	3	0	43.43 (1.23)	9.92 (1.8)	0.46 (0.02)	1.50	1.16	0.02	3.22	0.02	0.00	0.112	113.11	96
April	52	Diamond-mesh	27.83	7.38	4	1	50.88 (1.08)	7.59 (1.06)	0.84 (0.01)	1.16	0.85	0.01	1.13	0.01	0.00	0.288	97	90
April	53	Diamond-mesh	27.83	10.8	1	1	50.14 (1.66)	9.94 (2.06)	0.5 (0.03)	2.77	2.55	0.04	4.24	0.04	0.00	0.139	100.33	86
September	54	Diamond-mesh	29.35	80.36	4	0	57.24 (2.41)	11.96 (1.26)	0.69 (0.05)	5.80	2.68	0.11	1.60	0.04	0.00	0.425	101.01	99
September	55	Diamond-mesh	29.35	64.34	4	0	42.97 (2.29)	11.13 (2.99)	0.48 (0.04)	5.26	5.56	0.08	8.96	0.09	0.00	0.253	94.31	86
September	56	Diamond-mesh	29.35	9.73	4	1	56.23 (3.17)	13.93 (2.33)	0.51 (0.06)	10.04	6.36	0.17	5.41	0.10	0.00	0.002	143.69	97
November	57	Diamond-mesh	29.35	41.18	2	1	54.88 (2.39)	13.01 (2.47)	0.49 (0.04)	5.70	4.93	0.09	6.09	0.07	0.00	0.583	93.44	97
November	58	Diamond-mesh	29.35	73.53	3	0	52.62 (3.07)	16.08 (3.05)	0.58 (0.05)	9.40	7.53	0.13	9.30	0.10	0.00	0.176	109.84	97
September	59	Diamond-mesh	31.58	32.47	3	0	78.48 (12.12)	21.09 (2.25)	0.85 (0.12)	146.85	22.64	1.42	5.08	0.19	0.01	0.030	139.43	110
September	60	Diamond-mesh	31.58	24.01	3	0	60.29 (1.77)	9.46 (0.69)	0.51 (0.06)	3.14	1.01	0.09	0.47	0.02	0.00	0.449	114.26	113
September	61	Diamond-mesh	31.58	17.75	4	0	60.63 (6.22)	18.7 (2.75)	0.47 (0.1)	38.73	15.40	0.62	7.55	0.22	0.01	0.023	140.37	109
September	62	Diamond-mesh	31.58	12.51	4	1	51.76 (1.73)	12.63 (1.3)	0.38 (0.03)	3.00	1.88	0.05	1.70	0.03	0.00	0.606	103.46	108
September	63	Diamond-mesh	31.58	16.64	3	1	63.98 (3.42)	11.88 (1.09)	0.57 (0.09)	11.73	3.18	0.31	1.18	0.07	0.01	0.038	138.73	111
September	64	Diamond-mesh	31.58	19.45	3	1	50.8 (2.66)	12.45 (2.42)	0.18 (0.03)	7.08	5.48	0.07	5.85	0.05	0.00	0.989	66.95	96
April	65	Diamond-mesh	32.25	6.66	4	0	52.32 (1.06)	8.07 (0.84)	0.5 (0.03)	1.13	0.71	0.02	0.70	0.01	0.00	0.385	104.53	101

April	66	Diamond-mesh	32.25	7.59	4	0	52.3 (1.07)	7.14 (0.95)	0.42 (0.03)	1.15	0.78	0.02	0.90	0.01	0.00	0.034	121.7	95
April	67	Diamond-mesh	32.25	6.69	4	0	57.07 (1.38)	7.71 (0.9)	0.46 (0.04)	1.92	1.08	0.04	0.81	0.02	0.00	0.691	87.67	95
April	68	Diamond-mesh	32.25	5.94	4	1	57.02 (2.45)	12.75 (1.57)	0.54 (0.05)	6.01	3.35	0.11	2.46	0.05	0.00	0.687	89.72	97
April	69	Diamond-mesh	32.25	4.17	4	1	50.95 (2)	12.55 (2.24)	0.38 (0.03)	3.99	3.52	0.06	5.01	0.05	0.00	0.826	79.25	92
April	70	Diamond-mesh	32.25	5.27	4	1	71 (12.69)	25.29 (5.3)	0.64 (0.15)	160.93	62.25	1.82	28.10	0.66	0.02	0.123	110.11	94
April	71	Diamond-mesh	32.28	5.79	2	1	56.17 (1.88)	10.54 (1.4)	0.55 (0.04)	3.55	2.25	0.07	1.95	0.04	0.00	0.204	105.11	94
April	72	Diamond-mesh	32.28	8.04	2	1	57.29 (1.76)	10.6 (1.03)	0.53 (0.04)	3.10	1.53	0.07	1.07	0.03	0.00	0.966	80.1	105
April	73	Diamond-mesh	32.28	9.21	2	0	59.15 (2.12)	11.01 (1.1)	0.57 (0.05)	4.49	2.00	0.10	1.21	0.04	0.00	0.760	88.77	99
April	74	Diamond-mesh	32.28	7.82	2	0	52.84 (1.28)	8.94 (1.25)	0.41 (0.03)	1.64	1.20	0.03	1.57	0.02	0.00	0.566	95.05	98
April	75	Diamond-mesh	32.28	5.91	2	0	46.67 (1.19)	8.4 (1.8)	0.41 (0.02)	1.42	1.27	0.02	3.25	0.02	0.00	0.612	92.45	97
April	76	Diamond-mesh	32.28	5.45	2	1	52.19 (1.22)	8.14 (1.13)	0.44 (0.03)	1.49	1.09	0.03	1.29	0.02	0.00	0.329	103.64	98
April	77	Diamond-mesh	32.28	5.47	2	0	50.94 (2.3)	13.11 (2.12)	0.46 (0.04)	5.27	4.10	0.09	4.49	0.06	0.00	0.550	95.58	98
April	78	Diamond-mesh	32.28	4.86	3	0	58.65 (1.94)	12.09 (1.19)	0.54 (0.04)	3.78	1.88	0.08	1.41	0.03	0.00	0.102	124.82	106
April	79	Diamond-mesh	32.28	5.41	3	0	55.6 (2.54)	13.65 (1.65)	0.58 (0.05)	6.43	3.58	0.11	2.72	0.06	0.00	0.586	98.29	102
April	80	Diamond-mesh	32.28	4.22	3	1	55.02 (2.38)	12.21 (1.73)	0.49 (0.05)	5.68	3.57	0.11	2.98	0.06	0.00	0.680	95.81	103
April	81	Diamond-mesh	32.28	3.16	3	1	47.24 (1.44)	8.74 (1.45)	0.49 (0.03)	2.08	1.62	0.04	2.11	0.03	0.00	0.006	135.36	97
April	82	Diamond-mesh	32.28	3.12	3	1	50.66 (2.73)	13.1 (2.46)	0.48 (0.05)	7.43	5.62	0.12	6.05	0.09	0.00	0.006	138.9	100
September	83	Diamond-mesh	36.38	2.39	3	1	72.1 (4.55)	10.83 (1.08)	0.54 (0.15)	20.68	4.14	0.66	1.16	0.11	0.02	0.948	83.49	106
September	84	Diamond-mesh	36.38	2.84	2	1	99.1 (69.15)	17.19 (1.45)	0.95 (0.4)	4781.77	73.94	27.70	2.10	0.41	0.16	0.996	76.48	112
September	85	Diamond-mesh	36.38	3.02	2	1	72.3 (7.41)	15.68 (2.04)	0.62 (0.16)	54.95	13.61	1.14	4.14	0.26	0.02	0.788	96.98	109
September	86	Diamond-mesh	36.38	10.98	2	0	57.59 (4.23)	16.98 (2.83)	0.53 (0.07)	17.93	10.64	0.27	8.00	0.15	0.00	0.058	130.95	107
September	87	Diamond-mesh	36.38	22.86	3	0	70.45 (8.39)	16.37 (1.97)	0.76 (0.14)	70.44	15.07	1.13	3.89	0.23	0.02	0.850	93.82	109
January	88	Square-mesh	17.25	8.29	1	1	34 (1.02)	7.14 (1.42)	0.47 (0.01)	1.03	0.38	0.01	2.01	0.01	0.00	0.407	112.87	110

January	89	Square-mesh	17.25	17.24	1	1	28.34 (1.96)	7.14 (2.27)	0.52 (0.01)	3.86	-1.27	0.01	5.16	0.00	0.00	0.000	161.29	103
January	90	Square-mesh	18.75	15.88	1	1	41.71 (0.67)	5.27 (0.88)	0.46 (0.01)	0.45	0.33	0.01	0.77	0.01	0.00	0.304	112.93	106
January	91	Square-mesh	18.75	19.05	1	1	33.26 (1.09)	4.96 (1.18)	0.53 (0.01)	1.19	0.21	0.01	1.40	0.00	0.00	0.006	147.26	107
November	92	Square-mesh	18.75	100.34	4	0	41.11 (2.8)	12.86 (4.34)	0.65 (0.02)	7.87	0.46	0.04	18.80	0.06	0.00	0.007	129.04	92
November	93	Square-mesh	18.75	178.72	4	0	27.98 (3.07)	0.62 (4.19)	0.45 (0.01)	9.42	-2.24	0.00	17.58	0.00	0.00	0.039	121.84	96
November	94	Square-mesh	18.75	68.07	4	0	46.21 (1.81)	12.98 (2.88)	0.55 (0.03)	3.28	2.56	0.04	8.29	0.05	0.00	0.060	121.72	99
April	95	Square-mesh	20.98	3.72	3	0	52.46 (3.05)	12.59 (1.85)	0.72 (0.05)	9.32	4.98	0.15	3.42	0.07	0.00	0.873	81.35	97
April	96	Square-mesh	20.98	19.99	2	0	40.69 (21.81)	34.16 (66.48)	0.66 (0.18)	475.74	1297.08	3.82	4419.10	11.69	0.03	0.036	109.8	85
April	97	Square-mesh	20.98	19.49	2	0	46.08 (1.62)	9.82 (2.82)	0.78 (0.02)	2.62	2.74	0.02	7.97	0.03	0.00	0.288	91.82	85
April	98	Square-mesh	20.98	20.39	2	1	36.61 (0.79)	1.03 (0.8)	0.48 (0.02)	0.62	0.30	0.00	0.63	0.00	0.00	0.954	66.08	87
April	99	Square-mesh	20.98	18.14	2	1	40.19 (1.85)	6.66 (2.51)	0.47 (0.02)	3.44	-0.72	0.01	6.32	0.01	0.00	0.169	94.16	82
April	100	Square-mesh	20.98	15.77	2	1	40.06 (0.92)	4.64 (1.24)	0.55 (0.02)	0.85	0.25	0.01	1.53	0.00	0.00	0.135	108.15	93
September	101	Square-mesh	20.98	187.34	3	0	47.02 (3.05)	16.46 (3.65)	0.57 (0.04)	9.28	8.32	0.11	13.33	0.10	0.00	0.002	146.93	102
September	102	Square-mesh	20.98	157.79	2	0	40.91 (3.79)	19.32 (7.08)	0.55 (0.04)	14.36	19.26	0.15	50.13	0.25	0.00	0.035	132.69	105
September	103	Square-mesh	20.98	146.92	2	1	40.83 (1.3)	10.14 (2.06)	0.48 (0.02)	1.68	1.55	0.02	4.24	0.02	0.00	0.198	112.85	101
September	104	Square-mesh	20.98	105.1	2	1	39.59 (1.29)	10.4 (1.89)	0.53 (0.02)	1.66	0.90	0.02	3.57	0.02	0.00	0.232	119.5	109
November	105	Square-mesh	20.98	29.1	4	0	43.93 (1.99)	11.18 (3.45)	0.46 (0.02)	3.96	1.21	0.03	11.88	0.05	0.00	0.295	97.77	91
November	106	Square-mesh	20.98	111.56	4	1	43.39 (3.49)	17.01 (5.87)	0.57 (0.04)	12.21	11.06	0.13	34.44	0.18	0.00	0.006	130.16	92
September	107	Square-mesh	23.4	75.82	2	1	49.45 (2.3)	13.43 (2.28)	0.48 (0.04)	5.28	4.40	0.08	5.22	0.06	0.00	0.892	92.96	111
September	108	Square-mesh	23.4	101.04	2	1	48.83 (2.15)	14.5 (2.31)	0.55 (0.03)	4.60	3.94	0.06	5.32	0.05	0.00	0.067	129.72	107
September	109	Square-mesh	23.4	29.75	2	0	52.91 (2.26)	12.65 (1.68)	0.51 (0.04)	5.12	3.30	0.09	2.84	0.05	0.00	0.650	96.92	103
September	110	Square-mesh	23.4	18.72	3	0	58.35 (3.88)	14.7 (1.81)	0.66 (0.07)	15.05	6.38	0.26	3.26	0.10	0.00	0.103	130.24	111
November	111	Square-mesh	23.4	19.89	9	1	54.83 (2.44)	13.01 (2.43)	0.5 (0.04)	5.97	4.95	0.10	5.90	0.08	0.00	0.197	109.72	98

November	112	Square-mesh	23.4	119.36	9	0	48.43 (2.96)	16.56 (3.72)	0.59 (0.04)	8.74	8.11	0.11	13.81	0.11	0.00	0.144	111.86	97
April	113	Square-mesh	24.95	13.02	3	0	39.23 (1.9)	9.34 (4.07)	0.52 (0.02)	3.61	0.75	0.02	16.59	0.06	0.00	0.147	98.72	85
April	114	Square-mesh	24.95	14.07	2	0	55.48 (3.33)	14.37 (2.55)	0.62 (0.05)	11.07	7.48	0.17	6.51	0.10	0.00	0.239	97.06	88
September	115	Square-mesh	24.95	19.28	3	0	53.54 (1.33)	9.02 (0.91)	0.51 (0.03)	1.76	1.01	0.04	0.82	0.02	0.00	0.666	99.24	106
September	116	Square-mesh	24.95	160.97	3	0	37.39 (2.71)	16.14 (5.27)	0.47 (0.03)	7.36	3.45	0.06	27.82	0.10	0.00	0.000	159.36	101
September	117	Square-mesh	24.95	130.9	3	1	51.65 (2.05)	13.76 (1.76)	0.58 (0.03)	4.21	2.92	0.07	3.09	0.04	0.00	0.130	122.55	106
September	118	Square-mesh	24.95	56.99	2	1	52.49 (2.77)	15.59 (2.13)	0.48 (0.04)	7.65	4.99	0.11	4.53	0.07	0.00	0.068	131.75	109
November	119	Square-mesh	24.95	80.79	9	0	53.33 (2.06)	12.93 (1.86)	0.47 (0.04)	4.26	3.10	0.07	3.46	0.05	0.00	0.190	105.85	94
November	120	Square-mesh	24.95	89.27	9	1	51.36 (4.18)	18.91 (5.03)	0.6 (0.05)	17.45	17.20	0.20	25.31	0.20	0.00	0.051	124.19	100
April	121	Square-mesh	25.2	10.85	2	1	64 (5.29)	16.35 (2.58)	0.64 (0.09)	28.03	12.24	0.44	6.66	0.18	0.01	0.495	88.51	89
April	122	Square-mesh	25.2	11.67	2	1	50.59 (2.5)	11 (3.28)	0.5 (0.04)	6.26	6.49	0.08	10.75	0.09	0.00	0.011	122.4	89
April	123	Square-mesh	25.2	13.05	3	1	46.54 (1.65)	9.53 (2.38)	0.49 (0.03)	2.72	2.87	0.04	5.67	0.04	0.00	0.807	84.83	97
April	124	Square-mesh	25.2	9.72	3	0	47.75 (2.09)	11.51 (2.95)	0.4 (0.03)	4.35	4.50	0.06	8.69	0.06	0.00	0.173	97.16	85
April	125	Square-mesh	25.2	17.15	3	0	48.32 (1.32)	8.86 (1.64)	0.38 (0.02)	1.73	1.55	0.03	2.68	0.02	0.00	0.112	108.79	92
April	126	Square-mesh	25.2	10.42	3	0	53.65 (2.67)	13.14 (2.3)	0.5 (0.05)	7.13	5.19	0.11	5.30	0.08	0.00	0.101	110.73	93
September	127	Square-mesh	27.78	37.26	2	1	48.79 (1.45)	10.18 (1.29)	0.27 (0.02)	2.10	1.53	0.03	1.66	0.02	0.00	0.585	107.17	111
September	128	Square-mesh	27.78	52.85	2	1	57.14 (3.04)	14.55 (1.78)	0.41 (0.05)	9.23	4.82	0.15	3.17	0.07	0.00	0.551	114.38	117
September	129	Square-mesh	27.78	8.02	2	0	63.45 (3.53)	12.11 (1.19)	0.56 (0.09)	12.49	3.74	0.32	1.41	0.08	0.01	0.938	84.56	106
September	130	Square-mesh	27.78	24.47	2	0	67.76 (5.95)	17.63 (1.94)	0.66 (0.1)	35.45	10.22	0.59	3.78	0.15	0.01	0.137	118.77	103
November	131	Square-mesh	27.78	21.17	5	1	59.02 (4.44)	16.36 (3.34)	0.57 (0.07)	19.70	13.43	0.29	11.19	0.18	0.00	0.536	89.12	91
November	132	Square-mesh	27.78	11.1	5	0	66.65 (5.63)	16.61 (2.69)	0.64 (0.09)	31.68	13.70	0.51	7.23	0.20	0.01	0.099	103.3	86
September	133	Square-mesh	29.28	22.67	2	0	64.12 (5.54)	15.56 (1.86)	0.73 (0.09)	30.67	9.52	0.48	3.47	0.14	0.01	0.629	106.49	112
September	134	Square-mesh	29.28	5	3	0	58.1 (1.77)	9.45 (0.87)	0.15 (0.02)	3.12	1.33	0.04	0.76	0.01	0.00	0.728	111.17	121

September	135	Square-mesh	29.28	64.48	3	1	63.32 (3.87)	13.56 (1.39)	0.57 (0.09)	14.98	4.84	0.33	1.93	0.10	0.01	0.447	110.31	109
September	136	Square-mesh	29.28	29.66	3	1	53.32 (3.48)	15.79 (2.84)	0.57 (0.05)	12.12	8.78	0.18	8.07	0.12	0.00	0.283	94.11	87
November	137	Square-mesh	29.28	144.05	5	0	67.79 (25.66)	29.65 (12.3)	0.71 (0.22)	658.45	302.62	5.60	151.41	2.51	0.05	0.036	115.48	90
November	138	Square-mesh	29.28	105.95	5	1	56.67 (2.84)	13.46 (2.68)	0.51 (0.05)	8.07	6.58	0.13	7.16	0.10	0.00	0.762	85.82	96
January	139	T90	18.88	10.92	3	1	32.5 (0.93)	4.42 (1.13)	0.49 (0.01)	0.87	0.50	0.00	1.28	0.00	0.00	0.544	106.73	109
January	140	T90	18.88	17.92	3	1	34.59 (1.07)	7.51 (1.35)	0.52 (0.01)	1.15	0.16	0.01	1.81	0.01	0.00	0.002	161.66	113
January	141	T90	18.88	18.32	3	1	25.47 (8.28)	29.53 (35.99)	0.53 (0.08)	68.48	-12.21	0.20	1294.95	2.59	0.01	0.004	148.41	106
November	142	T90	18.88	91.04	3	0	41.35 (1.54)	9.1 (2.38)	0.52 (0.02)	2.36	1.06	0.02	5.65	0.03	0.00	0.504	94.21	95
November	143	T90	18.88	45.92	3	0	42.62 (1.29)	6.93 (2.01)	0.5 (0.02)	1.67	0.62	0.01	4.03	0.02	0.00	0.208	102.75	92
January	144	T90	20.18	16.52	3	1	37.84 (0.73)	5.51 (0.9)	0.46 (0.01)	0.53	0.27	0.00	0.82	0.00	0.00	0.884	88.04	105
January	145	T90	20.18	18.38	3	1	35.26 (0.92)	6.58 (1.34)	0.47 (0.01)	0.84	0.42	0.01	1.78	0.01	0.00	0.032	136.9	108
January	146	T90	20.18	13.31	3	1	35.17 (0.96)	7.73 (1.55)	0.5 (0.01)	0.92	0.67	0.01	2.39	0.01	0.00	0.592	107.89	112
April	147	T90	21.15	6.78	2	1	41.68 (1.34)	5.72 (2.24)	0.46 (0.02)	1.79	-0.19	0.01	5.03	0.01	0.00	0.137	97.15	83
April	148	T90	21.15	5.87	2	1	51.85 (3.97)	17.9 (4.75)	0.66 (0.05)	15.77	16.11	0.18	22.52	0.18	0.00	0.307	85.84	80
April	149	T90	21.15	8.76	2	1	44.69 (1.46)	8.99 (2.22)	0.51 (0.03)	2.13	1.69	0.03	4.92	0.03	0.00	0.035	115.75	90
April	150	T90	21.15	12.07	2	0	41.1 (1.04)	3.08 (1.47)	0.43 (0.02)	1.08	1.11	0.01	2.17	0.01	0.00	0.011	124.75	91
April	151	T90	21.15	17.34	2	0	44.63 (1.8)	10.87 (2.81)	0.49 (0.03)	3.23	3.78	0.04	7.89	0.06	0.00	0.531	95.27	97
April	152	T90	21.15	22.03	2	0	42.09 (0.98)	7.8 (1.44)	0.42 (0.02)	0.97	0.59	0.01	2.07	0.01	0.00	0.523	90.56	92
January	153	T90	22.5	15.81	3	1	44.2 (2.26)	17.19 (2.86)	0.5 (0.03)	5.13	4.18	0.06	8.16	0.06	0.00	0.263	117.92	109
January	154	T90	22.5	3.68	3	1	45.19 (1.53)	10.11 (1.89)	0.47 (0.03)	2.35	2.34	0.04	3.56	0.04	0.00	0.838	96.36	111
January	155	T90	22.5	14.5	3	1	46.5 (1.47)	11.94 (1.57)	0.56 (0.03)	2.16	1.71	0.03	2.47	0.03	0.00	0.070	130.45	108
January	156	T90	22.5	1.62	4	0	48.79 (1.84)	8.56 (1.55)	0.43 (0.05)	3.38	2.40	0.08	2.41	0.05	0.00	0.001	139.89	89
January	157	T90	22.5	9.92	3	0	41.54 (1.93)	11.69 (2.32)	0.5 (0.03)	3.71	2.69	0.05	5.39	0.04	0.00	0.001	155.77	104

November	158	T90	22.5	130.39	5	0	46.8 (1.34)	8.89 (2.03)	0.52 (0.03)	1.81	1.85	0.03	4.12	0.04	0.00	0.987	60.42	87
April	159	T90	24.35	9.76	1	1	42.98 (2.35)	12.48 (5.91)	0.54 (0.03)	5.55	5.41	0.05	34.94	0.13	0.00	0.612	78.73	83
April	160	T90	24.35	10.15	1	1	47.04 (1.75)	11.03 (2.43)	0.47 (0.03)	3.07	2.92	0.05	5.89	0.05	0.00	0.756	81.33	91
April	161	T90	24.35	2.59	1	0	50.57 (2.53)	13.31 (2.86)	0.55 (0.04)	6.38	6.02	0.09	8.18	0.09	0.00	0.341	99.05	94
April	162	T90	24.35	7.36	1	0	43.64 (1.08)	6.85 (1.61)	0.45 (0.02)	1.16	0.56	0.01	2.60	0.01	0.00	0.674	79.6	86
April	163	T90	24.35	8.13	1	0	49.25 (1.85)	11.84 (2.44)	0.62 (0.03)	3.41	2.86	0.04	5.95	0.04	0.00	0.153	100.47	87
April	164	T90	24.35	7.92	2	0	49.14 (1.47)	9.48 (2.1)	0.67 (0.02)	2.15	1.31	0.03	4.41	0.02	0.00	0.021	111.2	83
April	165	T90	24.35	13.52	2	1	33.33 (4.92)	0.15 (4.34)	0.5 (0.01)	24.22	-20.42	0.00	18.83	0.00	0.00	0.047	111.32	88
September	166	T90	24.63	24.26	2	0	59.42 (2.28)	11.09 (1.31)	0.84 (0.03)	5.21	2.63	0.06	1.72	0.03	0.00	0.617	94.22	99
September	167	T90	24.63	10.5	2	1	57.93 (2.85)	13.34 (1.94)	0.52 (0.06)	8.12	4.85	0.15	3.77	0.08	0.00	0.491	100.66	101
September	168	T90	24.63	28.33	2	1	50.16 (1.6)	10.8 (2.06)	0.35 (0.03)	2.55	2.42	0.04	4.25	0.03	0.00	0.114	122.69	105
November	169	T90	24.63	93.02	5	0	47.28 (3.56)	16.72 (5.44)	0.53 (0.05)	12.64	15.29	0.16	29.59	0.22	0.00	0.157	105.62	92
November	170	T90	24.63	97.5	6	1	51.02 (1.25)	8.25 (1.31)	0.54 (0.03)	1.57	1.31	0.03	1.71	0.03	0.00	0.969	73.59	98
September	171	T90	27.55	35.99	4	0	55.98 (1.91)	12 (1.33)	0.55 (0.04)	3.64	2.07	0.07	1.76	0.03	0.00	0.578	106.47	110
September	172	T90	27.55	33.52	4	0	60.8 (7.91)	19.13 (4.24)	0.59 (0.11)	62.59	31.79	0.88	17.95	0.43	0.01	0.087	123.01	103
September	173	T90	27.55	102.58	4	1	45.48 (2.47)	15.7 (3.67)	0.44 (0.03)	6.10	6.63	0.07	13.46	0.09	0.00	0.501	104.31	105
September	174	T90	27.55	97.82	4	1	51.02 (2.93)	13.82 (3.51)	0.42 (0.04)	8.58	8.31	0.11	12.30	0.11	0.00	0.078	119.56	99
November	175	T90	27.55	55.77	6	1	51.39 (1.81)	11.69 (2.4)	0.47 (0.03)	3.28	3.20	0.05	5.78	0.05	0.00	0.897	79.87	97
November	176	T90	27.55	24.55	5	0	58.57 (1.43)	8.2 (1.06)	0.36 (0.03)	2.03	1.32	0.04	1.13	0.02	0.00	0.952	71.57	93
April	177	T90	27.83	8.28	1	0	67.93 (18.09)	27.69 (9.64)	0.67 (0.17)	327.15	165.04	3.04	92.95	1.49	0.03	0.840	72.08	85
April	178	T90	27.83	6.1	1	0	60.08 (2.06)	10.56 (1.22)	0.64 (0.05)	4.22	2.12	0.09	1.48	0.04	0.00	0.822	74.77	87
April	179	T90	27.83	4.01	1	0	56.66 (1.34)	8.52 (1.01)	0.54 (0.03)	1.80	1.08	0.04	1.01	0.02	0.00	0.965	67.21	90
April	180	T90	27.83	2.26	1	1	45.53 (1.28)	7.61 (1.75)	0.34 (0.02)	1.63	1.23	0.02	3.05	0.02	0.00	0.050	114.34	91

April	181	T90	27.83	5.81	1	1	52.78 (1.96)	12.01 (1.99)	0.52 (0.03)	3.84	3.06	0.06	3.98	0.04	0.00	0.648	84.35	90
April	182	T90	27.83	14.59	1	1	45.09 (1.11)	8.42 (1.56)	0.45 (0.02)	1.24	1.17	0.02	2.43	0.02	0.00	0.827	83.87	97
September	183	T90	29.03	9.5	3	1	58.74 (1.16)	6.44 (0.58)	0.86 (0.02)	1.33	0.57	0.02	0.34	0.01	0.00	0.996	54.75	85
September	184	T90	29.03	66.23	4	1	56.02 (2.94)	14.42 (1.88)	0.44 (0.05)	8.67	4.88	0.14	3.52	0.07	0.00	0.699	98.93	107
September	185	T90	29.03	165.19	4	0	50.3 (3.52)	17.74 (3.59)	0.61 (0.04)	12.38	10.76	0.15	12.88	0.12	0.00	0.295	113.37	106
September	186	T90	29.03	100.94	4	0	55.9 (3.2)	15.25 (2.18)	0.51 (0.06)	10.25	6.04	0.17	4.77	0.09	0.00	0.290	105.27	98
November	187	T90	29.03	103.24	5	0	46.98 (1.96)	12.62 (2.8)	0.5 (0.03)	3.86	3.72	0.06	7.82	0.07	0.00	0.079	111.77	92
November	188	T90	29.03	109.23	4	1	56.76 (6.23)	19.2 (4.8)	0.68 (0.07)	38.81	27.33	0.44	23.03	0.30	0.01	0.854	82.43	97
April	189	T90	31.28	5.49	3	1	66.37 (3.2)	11.54 (1.22)	0.53 (0.08)	10.22	3.37	0.25	1.48	0.07	0.01	0.557	88.41	91
April	190	T90	31.28	5.31	3	1	56.11 (3.58)	13.16 (3.05)	0.47 (0.06)	12.81	9.84	0.20	9.28	0.15	0.00	0.504	86.19	87
April	191	T90	31.28	5.72	3	1	57.78 (1.53)	9.01 (1.13)	0.69 (0.03)	2.35	1.41	0.04	1.27	0.02	0.00	0.880	72.74	88
April	192	T90	31.28	4.47	3	0	57.4 (1.33)	8.06 (1.07)	0.54 (0.03)	1.76	1.08	0.03	1.14	0.02	0.00	0.515	79.85	81
April	193	T90	31.28	3.81	3	0	63.52 (2.75)	11.2 (1.28)	0.62 (0.06)	7.58	3.05	0.17	1.64	0.06	0.00	0.907	71.94	89
April	194	T90	31.28	4.68	3	0	56.37 (2.74)	12.27 (1.84)	0.48 (0.05)	7.51	4.50	0.13	3.38	0.07	0.00	0.404	103.8	101
September	195	T90	31.4	18.46	2	1	67.78 (4.69)	14.95 (1.41)	0.5 (0.11)	22.01	5.79	0.49	1.98	0.12	0.01	0.378	118.09	114
September	196	T90	31.4	26.94	3	1	57.29 (4.85)	17.5 (3.02)	0.51 (0.07)	23.54	13.42	0.35	9.14	0.19	0.01	0.578	101.54	105
September	197	T90	31.4	28.55	3	0	70 (10.24)	22.26 (3.41)	0.62 (0.15)	104.81	31.72	1.50	11.61	0.42	0.02	0.101	123.86	105
September	198	T90	31.4	33.4	4	0	53.51 (2.35)	13.65 (1.9)	0.51 (0.04)	5.54	3.85	0.09	3.61	0.06	0.00	0.298	114.25	107
November	199	T90	31.4	89.33	4	1	42.01 (1.67)	7.53 (2.22)	0.42 (0.02)	2.78	0.13	0.01	4.93	0.01	0.00	0.247	97.74	89
September	200	T90	36.5	65.72	4	1	63.78 (4.61)	14.39 (1.83)	0.48 (0.1)	21.22	7.64	0.44	3.33	0.15	0.01	0.480	111.07	111
September	201	T90	36.5	146.8	4	1	61.43 (5.76)	19.28 (3.22)	0.44 (0.08)	33.22	16.81	0.46	10.37	0.22	0.01	0.266	112.57	104
September	202	T90	36.5	50.8	3	0	54.09 (3.54)	15.74 (2.94)	0.49 (0.05)	12.51	9.04	0.18	8.66	0.12	0.00	0.042	123.55	98
September	203	T90	36.5	52.9	3	0	57.97 (2.37)	11.38 (1.33)	0.44 (0.05)	5.63	2.81	0.12	1.76	0.05	0.00	0.136	120.98	105

September	204	T90	36.5	71.36	3	0	64.62 (8.02)	19.8 (3.39)	0.68 (0.11)	64.39	25.47	0.85	11.48	0.32	0.01	0.135	120.04	104
November	205	T90	36.5	150.29	4	1	30.85 (5.96)	16.01 (14.31)	0.48 (0.03)	35.49	-53.39	-0.03	204.69	0.32	0.00	0.391	100.22	97
