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Annex 7: Supplementary Table 2 (ToR C)

Supplementary Table 2. List of Area x species x métier level 4 for which a BPUE estimate can be derived, or multiple BPUE estimates are needed and those can be estimated, and the resulting total bycatch estimate for 2023.total bycatch estimates are provided only when it is possible to derive them. Note that some of these models encounters problems when attempting to estimate the range for reliable BPUE (lower and upper), as the bycatch event might be rare within the area x métier x species combination. These incidents produce imprecise estimates (i.e., large difference between lower and upper estimates).

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.10.a.2	LHM	Fish	bodianus scrofa	1	2,868		n_ind ~ 1	0.0010	0.0000	0.0254				none	a constant BPUE appears to be representative
27.10.a.2	LHM	Fish	dasyatis pastinaca	1	2,868		n_ind ~ 1	0.0010	0.0000	0.0254				none	a constant BPUE appears to be representative
27.10.a.2	LHM	Fish	lepidopus caudatus	36	2,868		n_ind ~ 1 + (1 | year) + (1 | samplingProtocol)	0.0000	0.0000	0.0027				present	there is variability in BPUE depending on monitoring protocols

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.10.a.2	LHM	Fish	sphyrna zygaena	1	2,868		n_ind ~ 1	0.0010	0.0000	0.0254				none	a constant BPUE appears to be representative
27.2.a.1	OTM	Fish	cyclopterus lumpus	2	266	52	n_ind ~ 1	0.0151	0.0009	0.2560				none	a constant BPUE appears to be representative
27.2.a.2	OTM	Fish	cyclopterus lumpus	25	245	150	n_ind ~ 1	0.1913	0.0045	8.1515				none	a constant BPUE appears to be representative
27.3.a.20	GNS	Mammals	phoca vitulina	65	2,163		n_ind ~ 1 + (1 | samplingProtocol)	0.0916	0.0083	1.0093				none	there is variability in BPUE depending on monitoring protocols
27.3.a.20	FPO	Fish	anarhichas lupus	44	52	10,757	n_ind ~ 1	0.8699	0.2297	3.2944	9,357	2,470.6	35,438.6	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.3.a.20	OTB	Fish	alosa fallax	3	663	19,843	n_ind ~ 1	0.0045	0.0015	0.0140	90	29.0	278.3	none	a constant BPUE appears to be representative
27.3.a.20	OTB	Fish	anarhichas lupus	141	663	19,843	n_ind ~ 1	1.4181	0.0775	26.0000				none	a constant BPUE appears to be representative
27.3.a.20	OTB	Fish	chelidonichthys lucerna	13	663	19,843	n_ind ~ 1	0.0220	0.0052	0.0939	437	102.7	1,863.0	none	a constant BPUE appears to be representative
27.3.a.20	OTB	Fish	chimaera monstrosa	761	663		n_ind ~ 1 + (1 | country) + (1 | year) + (1 | metierL5)	0.0000	0.0000	0.0000				present	there is spatial variability in BPUE
27.3.a.20	OTB	Fish	cyclopterus lumpus	268	663		n_ind ~ 1 + (1 | country) + (1 | year) + (1 | metierL5)	0.0000	0.0000	0.0000				present	there is spatial variability in BPUE
27.3.a.20	OTB	Fish	galeus melastomus	5	663	19,843	n_ind ~ 1	0.0042	0.0004	0.0445				none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
27.3.a.20	OTB	Fish	helicolenus dactylopterus	39	663		n_ind ~ 1 + (1 | metierL5)	0.0000	0.0000	0.5206				none	there is between-metier level 5 variability in BPUE
27.3.a.20	OTB	Fish	rajella lintea	9	663	19,843	n_ind ~ 1	0.0715	0.0087	0.5877	1,420	172.8	11,662.5	none	a constant BPUE appears to be representative
27.3.a.20	OTB	Fish	sebastes viviparus	20	663		n_ind ~ 1 + (1 | metierL5)	0.0000	0.0000	1.9517				none	there is between-metier level 5 variability in BPUE
27.3.a.20	OTB	Fish	zeus faber	5	663	19,843	n_ind ~ 1	0.0057	0.0012	0.0263	113	24.4	521.3	none	a constant BPUE appears to be representative
27.3.a.20	OTT	Fish	galeus melastomus	1	208	3,960	n_ind ~ 1	0.0048	0.0007	0.0342	19	2.7	135.3	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.3.a.21	GNS	Mammals	phoca vitulina	15	167	2,742	n_ind ~ 1	0.1078	0.0444	0.2619	296	121.7	717.9	none	a constant BPUE appears to be representative
27.3.a.21	GTR	Seabirds	uria aalge	10	32	117	n_ind ~ 1	0.2229	0.0155	3.1959				none	a constant BPUE appears to be representative
27.3.a.21	OTB	Fish	alosa fallax	1	390	9,932	n_ind ~ 1	0.0026	0.0004	0.0182	25	3.6	180.6	none	a constant BPUE appears to be representative
27.3.a.21	OTB	Fish	anarhichas lupus	5	390	9,932	n_ind ~ 1	0.0270	0.0036	0.2010	268	36.0	1,996.1	none	a constant BPUE appears to be representative
27.3.a.21	OTB	Fish	chelidonichthys lucerna	124	390		n_ind ~ 1 + (1 | metierL5)	0.0000	0.0000	134.5000				none	there is between-metier level 5 variability in BPUE
27.3.a.21	OTB	Fish	cyclopterus lumpus	12	390		n_ind ~ 1 + (1 | metierL5)	0.0022	0.0000	4.8860				none	there is between-metier

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															level 5 variability in BPUE
27.3.b.23	GNS	Mammals	phoca vitulina	15	1,243	1,939	n_ind ~ 1	0.0136	0.0063	0.0292	26	12.3	56.5	none	a constant BPUE appears to be representative
27.3.b.23	GNS	Mammals	phocoena phocoena	40	1,243	1,939	n_ind ~ 1	0.0361	0.0222	0.0587	70	43.0	113.8	none	a constant BPUE appears to be representative
27.3.b.23	GNS	Seabirds	alca torda	10	1,243	1,939	n_ind ~ 1 + (1 | year)	0.0078	0.0018	0.0338	18	6.0	53.0	present	a constant BPUE appears to be representative
27.3.b.23	GNS	Seabirds	melanitta fusca	8	1,243	1,939	n_ind ~ 1	0.0060	0.0025	0.0140	12	4.9	27.1	none	a constant BPUE appears to be representative
27.3.b.23	GNS	Seabirds	podiceps grisegena	1	1,243	1,939	n_ind ~ 1 + (1 | year)	0.0002	0.0000	0.9694				present	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.3.b.23	GNS	Seabirds	uria aalge	163	1,243		n_ind ~ 1 + (1 | metierL5) + (1 | monitoring-Method)	0.1197	0.0023	6.2435				none	there is variability in BPUE depending on monitoring protocols
27.3.b.23	GNS	Fish	acipenser oxyrinchus	1	1,243	1,939	n_ind ~ 1	0.0029	0.0001	0.0742				none	a constant BPUE appears to be representative
27.3.c.22	GNS	Mammals	phoca vitulina	29	594	6,798	n_ind ~ 1	0.0389	0.0194	0.0783	265	131.7	532.2	none	a constant BPUE appears to be representative
27.3.c.22	GNS	Mammals	phocoena phocoena	48	594	6,798	n_ind ~ 1	0.0578	0.0307	0.1089	393	208.5	740.1	none	a constant BPUE appears to be representative
27.3.c.22	GNS	Seabirds	melanitta fusca	14	594	6,798	n_ind ~ 1	0.0132	0.0031	0.0559	90	21.1	379.9	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.3.c.22	GNS	Seabirds	phalacrocorax carbo	10	594	6,798	n_ind ~ 1	0.0152	0.0053	0.0440	104	35.9	298.9	none	a constant BPUE appears to be representative
27.3.c.22	GNS	Seabirds	uria aalge	2	594	6,798	n_ind ~ 1	0.0029	0.0004	0.0212	20	2.7	144.2	none	a constant BPUE appears to be representative
27.3.d.24	GNS	Mammals	phoca vitulina	4	168	12,104	n_ind ~ 1	0.0198	0.0053	0.0745	240	63.7	902.0	none	a constant BPUE appears to be representative
27.3.d.24	GNS	Mammals	phocoena phocoena	22	168		n_ind ~ 1 + (1 | samplingProtocol)	0.0001	0.0000	8.8759				none	there is variability in BPUE depending on monitoring protocols
27.3.d.24	GNS	Seabirds	alca torda	2	168	12,104	n_ind ~ 1	0.0091	0.0012	0.0676	110	14.9	817.7	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.3.d.24	GNS	Seabirds	phalacrocorax carbo	1	168	12,104	n_ind ~ 1	0.0060	0.0008	0.0423	72	10.2	511.7	none	a constant BPUE appears to be representative
27.3.d.24	GNS	Seabirds	uria aalge	8	168		n_ind ~ 1 + (1 | monitoring-Method)	0.0101	0.0000	4.4723				none	there is variability in BPUE depending on monitoring protocols
27.3.d.24	FPO	Fish	alosa fallax	16	16	775	n_ind ~ 1	0.3828	0.0212	6.9163				none	a constant BPUE appears to be representative
27.3.d.24	GNS	Fish	acipenser oxyrinchus	21	168	12,104	n_ind ~ 1	0.1052	0.0293	0.3780	1,274	354.5	4,575.3	none	a constant BPUE appears to be representative
27.3.d.25	GNS	Mammals	phoca vitulina	16	123		n_ind ~ 1 + (1 | monitoring-Method)	0.0193	0.0001	5.0306				none	there is variability in BPUE depending on monitoring protocols

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.3.d.25	GNS	Seabirds	alca torda	2	123	10,874	n_ind ~ 1	0.0163	0.0041	0.0650	177	44.2	707.0	none	a constant BPUE appears to be representative
27.3.d.25	GNS	Seabirds	phalacrocorax carbo	5	123	10,874	n_ind ~ 1	0.0157	0.0023	0.1074	170	24.8	1,167.3	none	a constant BPUE appears to be representative
27.3.d.25	GNS	Seabirds	uria aalge	20	123	10,874	n_ind ~ 1	0.1615	0.0412	0.6334	1,756	447.6	6,887.9	none	a constant BPUE appears to be representative
27.3.d.25	OTB	Fish	alosa fallax	7	160	1,554	n_ind ~ 1 + (1 | country)	0.0267	0.0046	0.1559	9	1.6	54.5	none	there is spatial variability in BPUE
27.3.d.26	FPO	Mammals	halichoerus grypus	1	80	88	n_ind ~ 1	0.0168	0.0010	0.2770				none	a constant BPUE appears to be representative
27.3.d.26	GNS	Seabirds	melanitta fusca	168	231	23,464	n_ind ~ 1	1.3133	0.0077	223.0000				none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
27.3.d.26	FPO	Fish	alosa fallax	118	80	88	n_ind ~ 1	5.8862	0.7704	45.0000	521	68.2	3,980.3	none	a constant BPUE appears to be representative
27.3.d.26	OTB	Fish	alosa fallax	1	145	37	n_ind ~ 1	0.0085	0.0005	0.1400				none	a constant BPUE appears to be representative
27.3.d.28.1	FPO	Mammals	halichoerus grypus	8	46	763	n_ind ~ 1	0.2089	0.0645	0.6763	160	49.2	516.3	none	a constant BPUE appears to be representative
27.3.d.28.1	GNS	Seabirds	gavia stellata	1	27	11,881	n_ind ~ 1	0.0370	0.0052	0.2629	440	62.0	3,123.7	none	a constant BPUE appears to be representative
27.3.d.28.1	FPO	Fish	alosa fallax	14	46	763	n_ind ~ 1	0.3995	0.0090	17.8000				none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.3.d.28.2	FPO	Fish	alosa fallax	9	3	145	n_ind ~ 1	2.3634	0.3296	16.9000	344	47.9	2,463.6	none	a constant BPUE appears to be representative
27.4.a	GNS	Mammals	phoca vitulina	13	2,166	5,257	n_ind ~ 1	0.0297	0.0006	1.3992				none	a constant BPUE appears to be representative
27.4.a	OTB	Mammals	halichoerus grypus	1	2,144	22,079	n_ind ~ 1 + (1 | year)	0.0005	0.0001	0.0033	10	1.5	73.1	present	a constant BPUE appears to be representative
27.4.a	OTB	Fish	alosa fallax	1	2,144	22,079	n_ind ~ 1	0.0010	0.0000	0.0202				none	a constant BPUE appears to be representative
27.4.a	OTB	Fish	anarhichas lupus	368	2,144	22,079	n_ind ~ 1	0.4566	0.0423	4.9255				none	a constant BPUE appears to be representative
27.4.a	OTB	Fish	chelidonichthys lucerna	2	2,144	22,079	n_ind ~ 1	0.0013	0.0001	0.0180				none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
27.4.a	OTB	Fish	chimaera monstrosa	339	2,144		n_ind ~ 1 + (1 | country) + (1 | year)	0.0000	0.0000	0.0000				present	there is spatial variability in BPUE
27.4.a	OTB	Fish	conger conger	32	2,144	22,079	n_ind ~ 1 + (1 | year)	0.0000	0.0000	0.0148	858	102.8	7,152.1	present	a constant BPUE appears to be representative
27.4.a	OTB	Fish	cyclopterus lumpus	10	2,144	22,079	n_ind ~ 1	0.0604	0.0053	0.6867				none	a constant BPUE appears to be representative
27.4.a	OTB	Fish	rajella lintea	1	2,144	22,079	n_ind ~ 1	0.0005	0.0000	0.0076				none	a constant BPUE appears to be representative
27.4.a	OTB	Fish	zeus faber	3	2,144	22,079	n_ind ~ 1	0.0010	0.0001	0.0097	22	2.2	214.0	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.4.a	OTT	Fish	chimaera monstrosa	2,089	729		n_ind ~ 1 + (1 | country)	0.0000	0.0000	0.1176				none	there is spatial variability in BPUE
27.4.a	OTT	Fish	etmopterus spinax	3,062	729		n_ind ~ 1 + (1 | country)	0.0000	0.0000	0.1118				none	there is spatial variability in BPUE
27.4.a	OTT	Fish	galeus melastomus	207	729		n_ind ~ 1 + (1 | country)	0.0000	0.0000	0.2067				none	there is spatial variability in BPUE
27.4.a	SSC	Fish	sebastes viviparus	1	208	2,638	n_ind ~ 1 + (1 | year)	0.0048	0.0007	0.0345	13	1.8	91.0	present	a constant BPUE appears to be representative
27.4.b	OTM	Mammals	halichoerus grypus	23	79	2,658	n_ind ~ 1	0.2657	0.0652	1.0831	706	173.2	2,878.5	none	a constant BPUE appears to be representative
27.4.b	OTB	Fish	anarhichas lupus	211	539	22,627	n_ind ~ 1	0.5682	0.0377	8.5603				none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.4.b	OTB	Fish	cyclopterus lumpus	4	539	22,627	n_ind ~ 1	0.0057	0.0013	0.0244	129	30.0	551.2	none	a constant BPUE appears to be representative
27.4.b	OTB	Fish	helicolenus dactylopterus	6	539	22,627	n_ind ~ 1	0.0085	0.0015	0.0471	192	34.7	1,066.7	none	a constant BPUE appears to be representative
27.4.b	OTB	Fish	rajella lintea	1	539	22,627	n_ind ~ 1	0.0019	0.0003	0.0132	42	5.9	298.1	none	a constant BPUE appears to be representative
27.4.b	OTB	Fish	sebastes viviparus	21	539		n_ind ~ 1 + (1 | year) + (1 | samplingProtocol)	0.0042	0.0001	0.2611				present	there is variability in BPUE depending on monitoring protocols
27.4.b	OTB	Fish	zeus faber	5	539	22,627	n_ind ~ 1	0.0090	0.0035	0.0229	204	80.3	518.0	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.4.b	TBB	Fish	lampetra fluviatilis	61	480		n_ind ~ 1 + (1 | country) + (1 | metierL5)	0.0000	0.0000	0.0040				none	there is spatial variability in BPUE
27.4.b	TBB	Fish	zoarces viviparus	291	480		n_ind ~ 1 + (1 | year) + (1 | metierL5)	0.0000	0.0000	0.0001				present	there is between-metier level 5 variability in BPUE
27.4.c	OTB	Fish	alosa fallax	5	98	4,013	n_ind ~ 1	0.0359	0.0026	0.4983				none	a constant BPUE appears to be representative
27.4.c	OTB	Fish	chelidonichthys lucerna	51	98	4,013	n_ind ~ 1	0.3045	0.0055	16.9000				none	a constant BPUE appears to be representative
27.4.c	OTB	Fish	zeus faber	98	98	4,013	n_ind ~ 1	0.5804	0.0074	45.5000				none	a constant BPUE appears to be representative
27.4.c	OTT	Fish	dasyatis pastinaca	1	8	153	n_ind ~ 1	0.1250	0.0176	0.8874	19	2.7	136.0	none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
27.5.a	OTB	Fish	petromyzon marinus	2	1,403	456,965	n_ind ~ 1	0.0014	0.0004	0.0057	651	162.9	2,604.6	none	a constant BPUE appears to be representative
27.5.a.2	OTB	Mammals	pagophilus groenlandicus	1	734	28	n_ind ~ 1	0.0014	0.0002	0.0097	0	0.0	0.3	none	a constant BPUE appears to be representative
27.6.a	OTB	Seabirds	morus bassanus	24	1,465	14,224	n_ind ~ 1 + (1 | country)	0.0012	0.0000	1.2015				none	there is spatial variability in BPUE
27.6.a	OTB	Fish	chelidonichthys lucerna	17	1,465		n_ind ~ 1 + (1 | year) + (1 | monitoring-Method)	0.0040	0.0001	0.1836				present	there is variability in BPUE depending on monitoring protocols
27.6.a	OTB	Fish	etmopterus spinax	10	1,465	14,224	n_ind ~ 1	0.0116	0.0019	0.0706	165	27.2	1,003.8	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.6.a	OTB	Fish	helicolenus dactylopterus	11,079	1,465	14,224	n_ind ~ 1 + (1 | country) + (1 | year)	0.0000	0.0000	0.0008				present	there is spatial variability in BPUE
27.6.a	OTB	Fish	hexanchus griseus	3	1,465		n_ind ~ 1 + (1 | vesselLength_group) + (1 | monitoringMethod)	0.0008	0.0000	0.3414				none	there is variability in BPUE depending on monitoring protocols
27.6.a	OTB	Fish	molva macrophthalma	2	1,465	14,224	n_ind ~ 1	0.0022	0.0001	0.0379				none	a constant BPUE appears to be representative
27.6.a	OTM	Fish	etmopterus spinax	38	529		n_ind ~ 1 + (1 | country)	0.0000	0.0000	0.5008				none	there is spatial variability in BPUE
27.6.a	OTM	Fish	helicolenus dactylopterus	205	529		n_ind ~ 1 + (1 | country)	0.0000	0.0000	0.1576				none	there is spatial variability in BPUE
27.7.a	OTB	Seabirds	morus bassanus	1	519	8,967	n_ind ~ 1	0.0022	0.0002	0.0276				none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.a	OTB	Fish	conger conger	9	519	8,967	n_ind ~ 1 + (1 | year)	0.0002	0.0000	7.4682				present	a constant BPUE appears to be representative
27.7.a	OTB	Fish	helicolenus dactylopterus	1	519	8,967	n_ind ~ 1	0.0023	0.0002	0.0288				none	a constant BPUE appears to be representative
27.7.b	OTB	Fish	chelidonichthys lucerna	32	158	2,346	n_ind ~ 1	0.1951	0.0032	11.8000				none	a constant BPUE appears to be representative
27.7.b	OTB	Fish	conger conger	2	158	2,346	n_ind ~ 1	0.0159	0.0012	0.2061				none	a constant BPUE appears to be representative
27.7.b	OTB	Fish	helicolenus dactylopterus	107	158	2,346	n_ind ~ 1	0.3119	0.0042	23.3000				none	a constant BPUE appears to be representative
27.7.c.2	GNS	Seabirds	fulmarus glacialis	1	26	512	n_ind ~ 1	0.5147	0.0081	32.6000				none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
27.7.c.2	OTB	Fish	chelidonichthys lucerna	157	232	3,351	n_ind ~ 1	1.7258	0.0099	301.4000				none	a constant BPUE appears to be representative
27.7.c.2	OTB	Fish	chimaera monstrosa	700	232		n_ind ~ 1 + (1 | year) + (1 | metierL5)	0.2249	0.0034	15.0000				present	there is between-metier level 5 variability in BPUE
27.7.c.2	OTB	Fish	conger conger	20	232	3,351	n_ind ~ 1 + (1 | year)	0.0126	0.0005	0.3262	56	11.7	270.7	present	a constant BPUE appears to be representative
27.7.c.2	OTB	Fish	hexanchus griseus	13	232	3,351	n_ind ~ 1	0.0615	0.0212	0.1786	206	70.9	598.5	none	a constant BPUE appears to be representative
27.7.d	GNS	Mammals	phoca vitulina	1	122	4,175	n_ind ~ 1	0.0082	0.0012	0.0582	34	4.8	242.8	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.d	GTR	Seabirds	uria aalge	2	408		n_ind ~ 1 + (1 | year) + (1 | samplingProtocol)	0.0021	0.0000	0.3646				present	there is variability in BPUE depending on monitoring protocols
27.7.d	GNS	Fish	raja microocellata	20	122	4,175	n_ind ~ 1	0.1284	0.0338	0.4882	536	140.9	2,038.1	none	a constant BPUE appears to be representative
27.7.d	GNS	Fish	raja undulata	88	122	4,175	n_ind ~ 1 + (1 | country)	0.0640	0.0002	21.1000	1,344	486.8	4,411.9	none	there is spatial variability in BPUE
27.7.d	GNS	Fish	scyliorhinus stellaris	10	122	4,175	n_ind ~ 1	0.0693	0.0099	0.4838	289	41.4	2,019.9	none	a constant BPUE appears to be representative
27.7.d	GNS	Fish	zeus faber	1	122	4,175	n_ind ~ 1	0.0082	0.0012	0.0582	34	4.8	242.8	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.d	GTR	Fish	raja undulata	218	408	4,773	n_ind ~ 1 + (1 | country)	0.0000	0.0000	19.4000				none	there is spatial variability in BPUE
27.7.d	OTB	Fish	conger conger	31	718		n_ind ~ 1 + (1 | year) + (1 | samplingProtocol)	0.0000	0.0000	0.0008				present	there is variability in BPUE depending on monitoring protocols
27.7.d	OTB	Fish	zeus faber	23	718	15,328	n_ind ~ 1 + (1 | year)	0.0000	0.0000	0.0243				present	a constant BPUE appears to be representative
27.7.d	OTT	Fish	dasyatis pastinaca	1	60		n_ind ~ 1 + (1 | samplingProtocol)	0.0148	0.0002	1.2267				none	there is variability in BPUE depending on monitoring protocols
27.7.e	GNS	Mammals	delphinus delphis	5	650	11,709	n_ind ~ 1 + (1 | year) + (1 | vesselLength_group)	0.0075	0.0017	0.0325	44	10.2	190.4	present	there is between-vessel length category variability in BPUE

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.e	GTR	Mammals	delphinus delphis	5	203	5,198	n_ind ~ 1 + (1 | vessel-Length_group)	0.0328	0.0027	0.3917	141	30.2	677.0	none	there is between-vessel length category variability in BPUE
27.7.e	OTB	Mammals	delphinus delphis	11	739	17,134	n_ind ~ 1	0.0120	0.0041	0.0347	205	70.7	594.3	none	a constant BPUE appears to be representative
27.7.e	OTB	Mammals	halichoerus grypus	1	739	17,134	n_ind ~ 1	0.0014	0.0002	0.0096	23	3.3	164.6	none	a constant BPUE appears to be representative
27.7.e	GTR	Seabirds	uria aalge	5	203	5,198	n_ind ~ 1	0.0246	0.0103	0.0592	128	53.3	307.8	none	a constant BPUE appears to be representative
27.7.e	GNS	Fish	dasyatis pastinaca	5	650	11,709	n_ind ~ 1	0.0074	0.0022	0.0256	87	25.3	299.9	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.e	GNS	Fish	raja microocellata	27	650	11,709	n_ind ~ 1	0.0337	0.0083	0.1372	395	97.1	1,606.7	none	a constant BPUE appears to be representative
27.7.e	GNS	Fish	raja undulata	162	650		n_ind ~ 1 + (1 | samplingProtocol)	0.0160	0.0000	5.3642				none	there is variability in BPUE depending on monitoring protocols
27.7.e	GNS	Fish	scyliorhinus stellaris	20	650		n_ind ~ 1 + (1 | year) + (1 | vesselLength_group) + (1 | samplingProtocol)	0.0000	0.0000	0.0011				present	there is variability in BPUE depending on monitoring protocols
27.7.e	GNS	Fish	zeus faber	28	650		n_ind ~ 1 + (1 | year) + (1 | samplingProtocol)	0.0005	0.0000	1.8298				present	there is variability in BPUE depending on monitoring protocols
27.7.e	GTR	Fish	raja undulata	5	203	5,198	n_ind ~ 1	0.0361	0.0055	0.2369	188	28.5	1,231.4	none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
27.7.e	OTB	Fish	alosa fallax	39	739		n_ind ~ 1 + (1 | year) + (1 | samplingProtocol)	0.0000	0.0000	0.0018				present	there is variability in BPUE depending on monitoring protocols
27.7.e	OTB	Fish	conger conger	297	739		n_ind ~ 1 + (1 | year) + (1 | vesselLength_group) + (1 | samplingProtocol)	0.0000	0.0000	0.0001				present	there is variability in BPUE depending on monitoring protocols
27.7.e	OTB	Fish	zeus faber	1,544	739		n_ind ~ 1 + (1 | year) + (1 | metierL5) + (1 | samplingProtocol)	0.0000	0.0000	0.0000				present	there is variability in BPUE depending on monitoring protocols
27.7.e	OTT	Fish	chimaera monstrosa	1	63	1,047	n_ind ~ 1	0.0158	0.0022	0.1120	16	2.3	117.2	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.e	OTT	Fish	dasyatis pastinaca	2	63	1,047	n_ind ~ 1	0.0357	0.0050	0.2571	37	5.2	269.1	none	a constant BPUE appears to be representative
27.7.f	GNS	Mammals	halichoerus grypus	13	278	2,232	n_ind ~ 1	0.0472	0.0258	0.0863	105	57.6	192.6	none	a constant BPUE appears to be representative
27.7.f	GNS	Mammals	phoca vitulina	2	278	2,232	n_ind ~ 1	0.0175	0.0018	0.1735	39	3.9	387.1	none	a constant BPUE appears to be representative
27.7.f	GTR	Mammals	halichoerus grypus	5	15	120	n_ind ~ 1	0.3616	0.0195	6.7190				none	a constant BPUE appears to be representative
27.7.f	OTB	Mammals	delphinus delphis	3	34	1,313	n_ind ~ 1	0.1146	0.0170	0.7730	151	22.3	1,015.3	none	a constant BPUE appears to be representative
27.7.f	TBB	Fish	conger conger	17	438	1,727	n_ind ~ 1	0.0359	0.0068	0.1895	62	11.7	327.2	none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
27.7.g	OTB	Mammals	delphinus delphis	6	560	7,523	n_ind ~ 1	0.0125	0.0019	0.0837	94	14.0	629.4	none	a constant BPUE appears to be representative
27.7.g	OTB	Seabirds	morus bassanus	2	560		n_ind ~ 1 + (1 | samplingProtocol)	0.0036	0.0009	0.0143				none	there is variability in BPUE depending on monitoring protocols
27.7.g	GNS	Fish	zeus faber	78	159	2,815	n_ind ~ 1 + (1 | year)	0.0001	0.0000	0.3076	5,391	1,416.3	20,523.8	present	a constant BPUE appears to be representative
27.7.g	OTB	Fish	chelidonichthys lucerna	90	560	7,523	n ind ~ 1 + (1 | year)	0.0001	0.0000	1.0572	3,683	974.8	13,913.8	present	a constant BPUE appears to be representative
27.7.g	OTB	Fish	conger conger	12	560	7,523	n_ind ~ 1 + (1 | year)	0.0001	0.0000	3.0753	309	57.7	1,658.2	present	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.g	OTB	Fish	etmopterus spinax	1	560	7,523	n_ind ~ 1	0.0018	0.0003	0.0127	13	1.9	95.4	none	a constant BPUE appears to be representative
27.7.g	TBB	Fish	conger conger	32	525	3,962	n_ind ~ 1	0.0857	0.0155	0.4758	340	61.2	1,884.9	none	a constant BPUE appears to be representative
27.7.h	GTR	Mammals	halichoerus grypus	4	84	1,752	n_ind ~ 1	0.0502	0.0146	0.1723	88	25.7	301.8	none	a constant BPUE appears to be representative
27.7.h	OTB	Mammals	delphinus delphis	1	289	4,612	n_ind ~ 1	0.0035	0.0005	0.0246	16	2.2	113.3	none	a constant BPUE appears to be representative
27.7.h	OTB	Fish	chelidonichthys lucerna	87	289		n_ind ~ 1 + (1 | country) + (1 | year) + (1 | monitoringMethod)	0.0000	0.0000	1.2122				present	there is variability in BPUE depending on monitoring protocols

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.h	OTB	Fish	conger conger	554	289		n_ind ~ 1 + (1 | country) + (1 | year) + (1 | monitoringMethod)	0.0000	0.0000	0.0210				present	there is variability in BPUE depending on monitoring protocols
27.7.h	OTB	Fish	tetronarce nobiliana	9	289	4,612	n_ind ~ 1	0.0379	0.0050	0.2875	175	23.0	1,326.0	none	a constant BPUE appears to be representative
27.7.h	OTM	Fish	mola mola	8	37	57	n_ind ~ 1	0.2910	0.0373	2.2703	17	2.1	129.7	none	a constant BPUE appears to be representative
27.7.j	OTM	Fish	helicolenus dactylopterus	3	12		n_ind ~ 1	0.2500	0.0806	0.7751				none	a constant BPUE appears to be representative
27.7.j.2	GNS	Mammals	phoca vitulina	45	562	5,331	n_ind ~ 1 + (1 | year)	0.0000	0.0000	0.6742				present	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.j.2	GTR	Mammals	halichoerus grypus	137	244	70	n_ind ~ 1	0.5068	0.3713	0.6919	36	26.1	48.6	none	a constant BPUE appears to be representative
27.7.j.2	OTB	Mammals	delphinus delphis	1	235	9,563	n_ind ~ 1 + (1 | year)	0.0019	0.0000	0.1949				present	a constant BPUE appears to be representative
27.7.j.2	OTB	Fish	chimaera monstrosa	176	235	9,563	n_ind ~ 1	1.0889	0.0943	12.6000				none	a constant BPUE appears to be representative
27.7.j.2	OTB	Fish	etmopterus spinax	2	235	9,563	n_ind ~ 1	0.0239	0.0010	0.5772				none	a constant BPUE appears to be representative
27.7.j.2	OTB	Fish	hexanchus griseus	2	235	9,563	n_ind ~ 1	0.0068	0.0009	0.0489	65	9.0	467.2	none	a constant BPUE appears to be representative
27.7.j.2	OTB	Fish	molva macrophthalma	55	235	9,563	n_ind ~ 1	0.1248	0.0024	6.3756				none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
27.7.j.2	OTB	Fish	tetronarce nobiliana	1	235		n_ind ~ 1 + (1 | country)	0.0042	0.0006	0.0302				none	there is spatial variability in BPUE
27.7.j.2	OTM	Fish	helicolenus dactylopterus	352	93	93	n_ind ~ 1	2.5535	0.0220	296.5000				none	a constant BPUE appears to be representative
27.7.k.2	OTB	Fish	chimaera monstrosa	196	443	3,845	n_ind ~ 1 + (1 | year)	0.1144	0.0048	2.7150	5,940	1,884.0	18,729.8	present	a constant BPUE appears to be representative
27.7.k.2	OTB	Fish	conger conger	32	443	3,845	n_ind ~ 1	0.0494	0.0226	0.1080	190	86.8	415.4	none	a constant BPUE appears to be representative
27.7.k.2	OTB	Fish	etmopterus spinax	95	443	3,845	n_ind ~ 1 + (1 | year)	0.0627	0.0122	0.3225	903	438.6	1,860.0	present	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.7.k.2	OTB	Fish	helicolenus dactylopterus	6,802	443	3,845	n_ind ~ 1 + (1 | year)	0.2745	0.0012	62.1000	70,119	50,625.8	97,118.3	present	a constant BPUE appears to be representative
27.7.k.2	OTB	Fish	hexanchus griseus	5	443	3,845	n_ind ~ 1	0.0113	0.0047	0.0271	43	18.1	104.2	none	a constant BPUE appears to be representative
27.8.a	GNS	Mammals	halichoerus grypus	2	774	13,265	n_ind ~ 1 + (1 | year)	0.0026	0.0006	0.0104	34	8.6	137.1	present	a constant BPUE appears to be representative
27.8.a	GNS	Seabirds	uria aalge	150	774	13,265	n_ind ~ 1 + (1 | vessel-Length_group)	0.1053	0.0231	0.4797	1,006	412.5	2,477.7	none	there is between-vessel length category variability in BPUE
27.8.a	OTB	Seabirds	larus argentatus	2	344	16,924	n_ind ~ 1	0.0058	0.0015	0.0233	98	24.6	393.8	none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.8.a	GNS	Fish	chimaera monstrosa	11	774	13,265	n_ind ~ 1	0.0287	0.0008	1.0735				none	a constant BPUE appears to be representative
27.8.a	GNS	Fish	conger conger	3	774	13,265	n_ind ~ 1	0.0087	0.0003	0.2270				none	a constant BPUE appears to be representative
27.8.a	GNS	Fish	hexanchus griseus	3	774	13,265	n_ind ~ 1	0.0097	0.0004	0.2682				none	a constant BPUE appears to be representative
27.8.a	OTB	Fish	mola mola	1	344		n_ind ~ 1 + (1 | samplingProtocol)	0.0025	0.0001	0.0488				none	there is variability in BPUE depending on monitoring protocols
27.8.a	OTB	Fish	tetronarce nobiliana	1	344		n_ind ~ 1 + (1 | samplingProtocol)	0.0025	0.0001	0.0488				none	there is variability in BPUE depending on monitoring protocols

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.8.b	OTB	Seabirds	morus bassanus	38	484	7,802	n_ind ~ 1 + (1 | country)	0.0087	0.0000	10.8000	182	60.9	1,892.1	none	there is spatial variability in BPUE
27.8.b	OTB	Fish	mola mola	3	484	7,802	n_ind ~ 1	0.0036	0.0005	0.0266	28	3.9	207.6	none	a constant BPUE appears to be representative
27.8.c	OTB	Seabirds	morus bassanus	2	499	6,779	n_ind ~ 1	0.0031	0.0004	0.0224	21	3.0	151.5	none	a constant BPUE appears to be representative
27.8.c	GNS	Fish	centrophorus granulosus	1	728	12,164	n_ind ~ 1	0.0014	0.0002	0.0097	17	2.4	118.5	none	a constant BPUE appears to be representative
27.8.c	GNS	Fish	conger conger	9	728	12,164	n_ind ~ 1	0.0434	0.0129	0.1461	528	156.7	1,777.4	none	a constant BPUE appears to be representative
27.8.c	GNS	Fish	deania calceus	28	728		n_ind ~ 1 + (1 | samplingProtocol)	0.0102	0.0003	0.3497				none	there is variability in BPUE depending on

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															monitoring protocols
27.8.c	GNS	Fish	hexanchus griseus	8	728	12,164	n_ind ~ 1	0.0100	0.0037	0.0270	122	45.2	328.2	none	a constant BPUE appears to be representative
27.8.c	GNS	Fish	torpedo marmorata	22	728	12,164	n_ind ~ 1 + (1 | year) + (1 | vesselLength_group)	0.0249	0.0023	0.2728	213	28.1	1,637.0	present	there is between-vessel length category variability in BPUE
27.8.c	LLS	Fish	scyliorhinus stellaris	3	60		n_ind ~ 1 + (1 | samplingProtocol)	0.0569	0.0103	0.3129				none	there is variability in BPUE depending on monitoring protocols
27.8.c	OTB	Fish	alosa alosa	6	499	6,779	n_ind ~ 1	0.0067	0.0006	0.0818				none	a constant BPUE appears to be representative
27.8.c	OTB	Fish	lepidopus caudatus	6	499	6,779	n_ind ~ 1	0.0110	0.0038	0.0319	75	25.7	216.5	none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
27.8.c	OTB	Fish	mola mola	5	499	6,779	n_ind ~ 1	0.0237	0.0039	0.1437	161	26.5	974.2	none	a constant BPUE appears to be representative
27.8.c	OTB	Fish	scophthalmus rhombus	2	499	6,779	n_ind ~ 1	0.0040	0.0007	0.0230	27	4.7	155.9	none	a constant BPUE appears to be representative
27.8.c	OTB	Fish	torpedo marmorata	20	499	6,779	n_ind ~ 1	0.0306	0.0068	0.1374	208	46.4	931.2	none	a constant BPUE appears to be representative
27.8.d.2	GNS	Fish	centroselachus crepidater	1	39	484	n_ind ~ 1	0.0254	0.0036	0.1800	12	1.7	87.2	none	a constant BPUE appears to be representative
27.8.d.2	GNS	Fish	chimaera monstrosa	177	39	484	n_ind ~ 1	2.5319	0.0320	200.6000				none	a constant BPUE appears to be representative

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.8.d.2	GNS	Fish	deania calceus	21	39	484	n_ind ~ 1	0.3058	0.0116	8.0370				none	a constant BPUE appears to be representative
27.9.a	GNS	Seabirds	larus michahellis	7	1,490	117,943	n_ind ~ 1	0.0064	0.0023	0.0180	756	268.9	2,126.9	none	a constant BPUE appears to be representative
27.9.a	LLS	Seabirds	puffinus mauretanicus	1	150	17,733	n_ind ~ 1	0.0067	0.0009	0.0473	118	16.7	839.3	none	a constant BPUE appears to be representative
27.9.a	GNS	Fish	hexanchus griseus	1	1,490	117,943	n_ind ~ 1	0.0008	0.0001	0.0094				none	a constant BPUE appears to be representative
27.9.a	OTB	Fish	alosa alosa	409	731	40,309	n_ind ~ 1 + (1 | metierL5)	0.0000	0.0000	0.2211				none	there is between-metier level 5 variability in BPUE
27.9.a	OTB	Fish	argyrosomus regius	3,291	731	40,309	n_ind ~ 1 + (1 | metierL5)	0.0000	0.0000	0.1170				none	there is between-metier

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															level 5 variability in BPUE
27.9.a	OTB	Fish	etmopterus spinax	2,685	731		n_ind ~ 1 + (1 | metierL5) + (1 | samplingProtocol)	0.0000	0.0000	118.1000				none	there is variability in BPUE depending on monitoring protocols
27.9.a	OTB	Fish	hippocampus hippocampus	238	731	40,309	n_ind ~ 1	0.1068	0.0065	1.7677				none	a constant BPUE appears to be representative
27.9.a	OTB	Fish	mola mola	11	731	40,309	n_ind ~ 1	0.0911	0.0011	7.8675				none	a constant BPUE appears to be representative
27.9.a	OTB	Fish	myliobatis aquila	216	731	40,309	n ind ~ 1 + (1 | metierL5)	0.0000	0.0000	0.3540				none	there is between-metier level 5 variability in BPUE
27.9.a	OTB	Fish	pomatomus saltatrix	2,500	731	40,309	n_ind ~ 1 + (1 | metierL5)	0.0000	0.0000	0.1270				none	there is between-metier level 5 variability in BPUE

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.9.a	OTB	Fish	scophthalmus rhombus	20	731	40,309	n_ind ~ 1 + (1 | metierL5)	0.0001	0.0000	265.8000				none	there is between-metier level 5 variability in BPUE
27.9.a	OTB	Fish	scymnodon ringens	5	731	40,309	n_ind ~ 1	0.0089	0.0004	0.1891				none	a constant BPUE appears to be representative
27.9.a	OTB	Fish	sparus aurata	217	731	40,309	n_ind ~ 1 + (1 | metierL5)	0.0000	0.0000	0.4141				none	there is between-metier level 5 variability in BPUE
27.9.a	OTB	Fish	tetronarce nobiliana	85	731	40,309	n_ind ~ 1 + (1 | year)	0.0000	0.0000	0.0379	7,076	855.6	58,510.0	present	a constant BPUE appears to be representative
27.9.a	OTB	Fish	torpedo marmorata	5,230	731	40,309	n_ind ~ 1 + (1 | metierL5)	0.0000	0.0000	0.1062				none	there is between-metier level 5 variability in BPUE

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
27.9.a ~27.8.c	GNS	Fish	hexanchus griseus	1	30		n_ind ~ 1	0.0333	0.0047	0.2366				none	a constant BPUE appears to be representative
27.9.a ~27.8.c	OTB	Fish	etmopterus spinax	237	107		n_ind ~ 1	1.5209	0.0444	52.1000				none	a constant BPUE appears to be representative
27.9.a ~27.8.c	OTB	Fish	scymnodon ringens	2	107		n_ind ~ 1	0.0187	0.0047	0.0747				none	a constant BPUE appears to be representative
27.9.b.1	LLD	Turtles	dermochelys coriacea	1	22	525	n_ind ~ 1	0.0455	0.0064	0.3227	24	3.4	169.4	none	a constant BPUE appears to be representative
5	LLD	Turtles	caretta caretta	54	277	1,826	n_ind ~ 1	0.1949	0.1493	0.2545	356	272.6	464.7	none	a constant BPUE appears to be representative
6	LLD	Seabirds	calonectris diomedea	8	544	2,528	n_ind ~ 1	0.0313	0.0078	0.1257	79	19.7	317.7	none	a constant BPUE appears

Area	metier L4	Taxon	Species	# individuals 2017-2023	monitoring effort (DaS) 2017-2023	Fishing effort (DaS) 2023	BPUE model	BPUE	lower	upper	total bycatch 2023	TB lower	TB upper	interannual	key variability in BPUE
															to be representative
6	LLD	Turtles	caretta caretta	35	544	2,528	n_ind ~ 1	0.0408	0.0124	0.1337	103	31.5	338.1	none	a constant BPUE appears to be representative