

002_compile_prep_check_data_kibi

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today()

Data

Downloaded _prepared.Rdata from share point

Nuno's check

More checks

Area 27.3.d.28

Important for herring

Do we need to correct or can we assume?

Guess it is only Estonia and Latvia fishing in the Gulf of Riga - *correct?*

Assuming that 28.2, when not Latvia | Estonia

Table 1: Area 27.3.d.28 with or without .1 | .2

vslFlgCtry	area	sppName	tons
DEU	27.3.d.28.2	Clupea harengus	1701.276
DNK	27.3.d.28.2	Clupea harengus	5914.322
EST	27.3.d.28.1	Clupea harengus	26293.292
EST	27.3.d.28.2	Clupea harengus	4037.238
FIN	27.3.d.28.2	Clupea harengus	6507.463
LTU	27.3.d.28.2	Clupea harengus	3704.541
LVA	27.3.d.28.1	Clupea harengus	30639.191
LVA	27.3.d.28.2	Clupea harengus	13832.658
POL	27.3.d.28.2	Clupea harengus	1811.471
SWE	27.3.d.28.2	Clupea harengus	32960.890

Landing categories

How to group / re-code?

Table 2: Landing categories

vslFlgCtry	sppName	landCat	tons
DEU	Clupea harengus	HCN	34245.911
DEU	Clupea harengus	IND	1649.590
DEU	Clupea harengus	UKN	620.863
DEU	Sprattus sprattus	HCN	25562.816
DEU	Sprattus sprattus	IND	5718.636
DEU	Sprattus sprattus	UKN	1.217
DNK	Clupea harengus	HUC	35603.648
DNK	Sprattus sprattus	HUC	535.584

vslFlgCtry	sppName	landCat	tons
DNK	Sprattus sprattus	IND	56539.698
EST	Clupea harengus		7734.924
EST	Clupea harengus	HUC	62109.714
EST	Clupea harengus	IND	33.932
EST	Sprattus sprattus		5271.859
EST	Sprattus sprattus	HUC	50885.406
EST	Sprattus sprattus	IND	14.094
FIN	Clupea harengus	HUC	78014.105
FIN	Clupea harengus	IND	176283.296
FIN	Sprattus sprattus	IND	32532.596
LTU	Clupea harengus	HUC	3414.906
LTU	Clupea harengus	IND	6180.714
LTU	Sprattus sprattus	HUC	5265.586
LTU	Sprattus sprattus	IND	23348.820
LVA	Clupea harengus	WHL	47292.044
LVA	Sprattus sprattus	WHL	72839.572
POL	Clupea harengus	HUC	94135.679
POL	Sprattus sprattus	HUC	151584.166
SWE	Clupea harengus	HUC	84317.752
SWE	Clupea harengus	IND	101803.952
SWE	Sprattus sprattus	HUC	25356.082
SWE	Sprattus sprattus	IND	73348.793

Missing dates

landDate

Table 3: Missing landDate

vslFlgCtry	sppName	tons_total	tons	pct_mis
DEU	Clupea harengus	36516.36	NA	NA
DEU	Sprattus sprattus	31282.67	NA	NA
DNK	Clupea harengus	35603.65	NA	NA
DNK	Sprattus sprattus	57075.28	NA	NA
EST	Clupea harengus	69878.57	NA	NA
EST	Sprattus sprattus	56171.36	NA	NA
FIN	Clupea harengus	254297.40	NA	NA
FIN	Sprattus sprattus	32532.60	NA	NA
LTU	Clupea harengus	9595.62	NA	NA
LTU	Sprattus sprattus	28614.41	NA	NA
LVA	Clupea harengus	47292.04	NA	NA
LVA	Sprattus sprattus	72839.57	NA	NA
POL	Clupea harengus	94135.68	NA	NA
POL	Sprattus sprattus	151584.17	NA	NA
SWE	Clupea harengus	186121.70	NA	NA
SWE	Sprattus sprattus	98704.88	NA	NA

depDate

Table 4: Missing depDate

vslFlgCtry	sppName	tons_total	tons	pct_mis
DEU	Clupea harengus	36516.36	NA	NA
DEU	Sprattus sprattus	31282.67	NA	NA
DNK	Clupea harengus	35603.65	NA	NA
DNK	Sprattus sprattus	57075.28	NA	NA
EST	Clupea harengus	69878.57	NA	NA
EST	Sprattus sprattus	56171.36	NA	NA
FIN	Clupea harengus	254297.40	NA	NA
FIN	Sprattus sprattus	32532.60	NA	NA
LTU	Clupea harengus	9595.62	NA	NA
LTU	Sprattus sprattus	28614.41	NA	NA
LVA	Clupea harengus	47292.04	NA	NA
LVA	Sprattus sprattus	72839.57	NA	NA
POL	Clupea harengus	94135.68	NA	NA
POL	Sprattus sprattus	151584.17	NA	NA
SWE	Clupea harengus	186121.70	NA	NA
SWE	Sprattus sprattus	98704.88	NA	NA

both dates

Table 5: Missing both Date

vslFlgCtry	sppName	tons_total	tons	pct_mis
DEU	Clupea harengus	36516.36	NA	NA
DEU	Sprattus sprattus	31282.67	NA	NA
DNK	Clupea harengus	35603.65	NA	NA
DNK	Sprattus sprattus	57075.28	NA	NA
EST	Clupea harengus	69878.57	NA	NA
EST	Sprattus sprattus	56171.36	NA	NA
FIN	Clupea harengus	254297.40	NA	NA
FIN	Sprattus sprattus	32532.60	NA	NA
LTU	Clupea harengus	9595.62	NA	NA
LTU	Sprattus sprattus	28614.41	NA	NA
LVA	Clupea harengus	47292.04	NA	NA
LVA	Sprattus sprattus	72839.57	NA	NA
POL	Clupea harengus	94135.68	NA	NA
POL	Sprattus sprattus	151584.17	NA	NA
SWE	Clupea harengus	186121.70	NA	NA
SWE	Sprattus sprattus	98704.88	NA	NA

Missing or incorrect location

landLoc

Table 6: Missing landLoc

vslFlgCtry	sppName	tons_total	tons	pct_mis
DEU	Clupea harengus	36516.36	6.2140	0.0170170
DEU	Sprattus sprattus	31282.67	0.0620	0.0001982
DNK	Clupea harengus	35603.65	0.0328	0.0000921

vslFlgCtry	sppName	tons_total	tons	pct_mis
DNK	Sprattus sprattus	57075.28	NA	NA
EST	Clupea harengus	69878.57	557.6967	0.7980940
EST	Sprattus sprattus	56171.36	NA	NA
FIN	Clupea harengus	254297.40	NA	NA
FIN	Sprattus sprattus	32532.60	NA	NA
LTU	Clupea harengus	9595.62	NA	NA
LTU	Sprattus sprattus	28614.41	NA	NA
LVA	Clupea harengus	47292.04	NA	NA
LVA	Sprattus sprattus	72839.57	NA	NA
POL	Clupea harengus	94135.68	NA	NA
POL	Sprattus sprattus	151584.17	NA	NA
SWE	Clupea harengus	186121.70	NA	NA
SWE	Sprattus sprattus	98704.88	NA	NA

depLoc

Table 7: Missing depLoc

vslFlgCtry	sppName	tons_total	tons	pct_mis
DEU	Clupea harengus	36516.36	17.7140	0.0485098
DEU	Sprattus sprattus	31282.67	10.0620	0.0321648
DNK	Clupea harengus	35603.65	1077.6501	3.0267969
DNK	Sprattus sprattus	57075.28	1922.6740	3.3686632
EST	Clupea harengus	69878.57	16437.5683	23.5230461
EST	Sprattus sprattus	56171.36	27.3648	0.0487166
FIN	Clupea harengus	254297.40	NA	NA
FIN	Sprattus sprattus	32532.60	NA	NA
LTU	Clupea harengus	9595.62	NA	NA
LTU	Sprattus sprattus	28614.41	NA	NA
LVA	Clupea harengus	47292.04	NA	NA
LVA	Sprattus sprattus	72839.57	NA	NA
POL	Clupea harengus	94135.68	NA	NA
POL	Sprattus sprattus	151584.17	NA	NA
SWE	Clupea harengus	186121.70	0.0150	0.0000081
SWE	Sprattus sprattus	98704.88	NA	NA

Both loc

Table 8: Missing both Loc

vslFlgCtry	sppName	tons_total	tons	pct_mis
DEU	Clupea harengus	36516.36	6.2140	0.0170170
DEU	Sprattus sprattus	31282.67	0.0620	0.0001982
DNK	Clupea harengus	35603.65	0.0303	0.0000851
DNK	Sprattus sprattus	57075.28	NA	NA
EST	Clupea harengus	69878.57	557.6967	0.7980940
EST	Sprattus sprattus	56171.36	NA	NA
FIN	Clupea harengus	254297.40	NA	NA
FIN	Sprattus sprattus	32532.60	NA	NA
LTU	Clupea harengus	9595.62	NA	NA

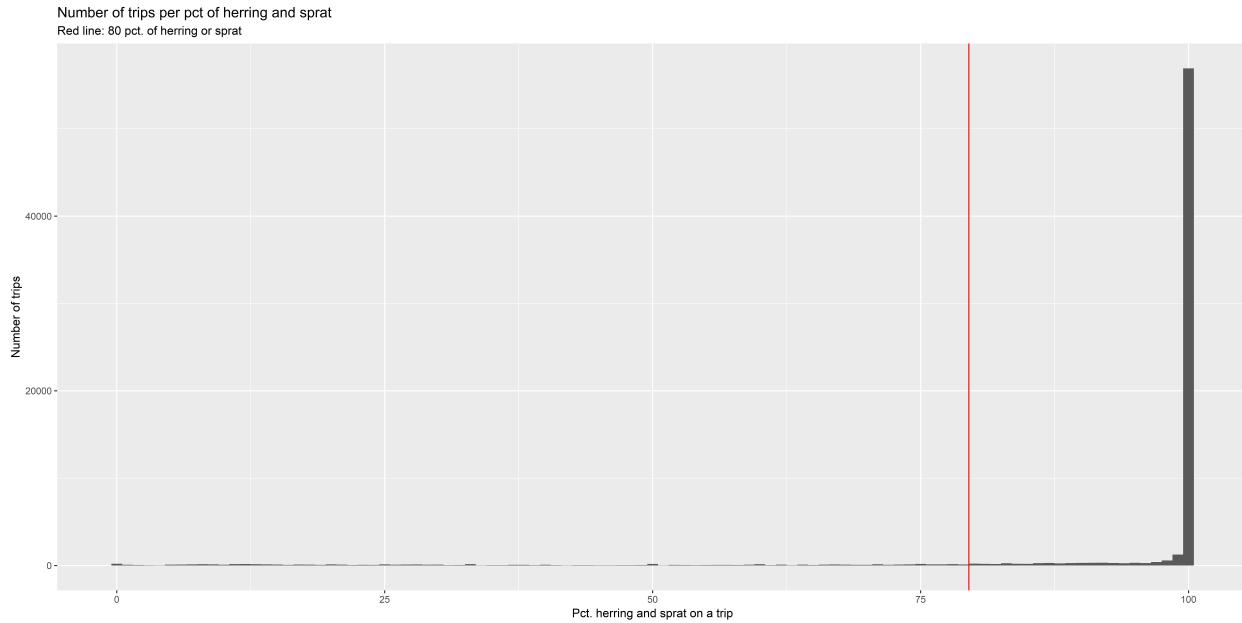


Figure 1: xx

vslFlgCtry	sppName	tons_total	tons	pct_mis
LTU	Sprattus sprattus	28614.41	NA	NA
LVA	Clupea harengus	47292.04	NA	NA
LVA	Sprattus sprattus	72839.57	NA	NA
POL	Clupea harengus	94135.68	NA	NA
POL	Sprattus sprattus	151584.17	NA	NA
SWE	Clupea harengus	186121.70	NA	NA
SWE	Sprattus sprattus	98704.88	NA	NA

Overall landings

A table for checking against advice sheets

Analyses

Target population

When are trip targeting sprat or herring?

Total number of trips (all species); 73679

Total landings of herring and sprat (tons); 1262246

Total number of trips (more than 80 pct of sprat or herring); 68611

Total landings of herring and sprat (more than 80 pct of sprat or herring); 1252036

Total number of trips (more than 90 pct of sprat or herring); 65192

Total landings of herring and sprat (more than 90 pct of sprat or herring); 1236969

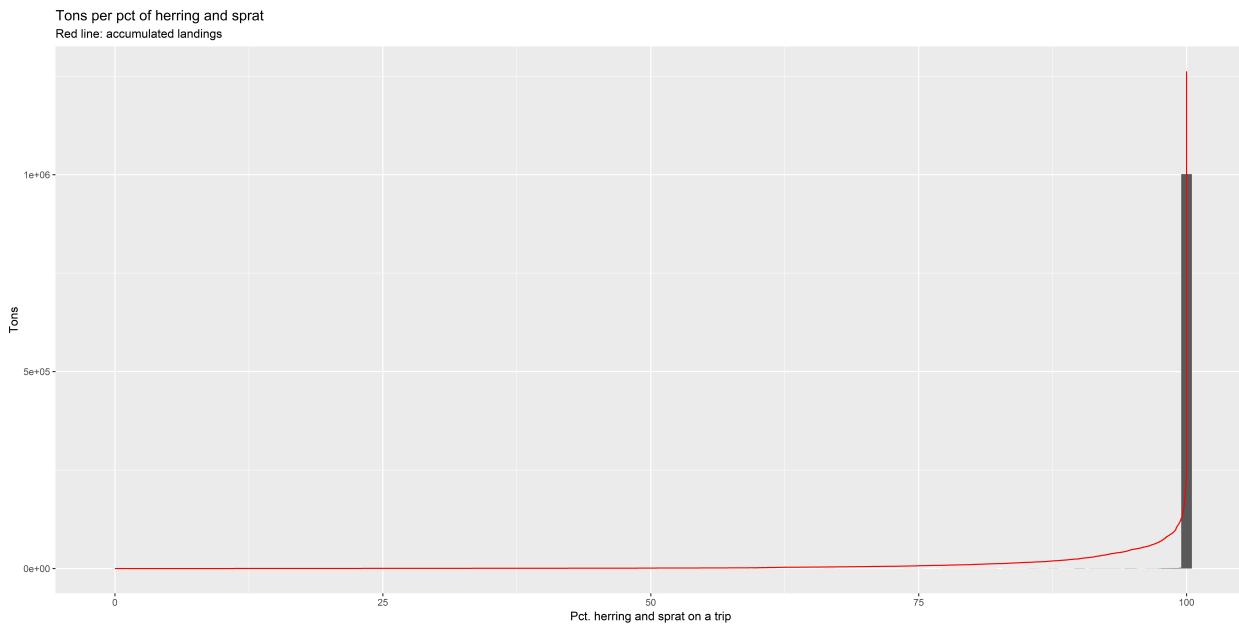


Figure 2: xx

Stock

year	stock	ton
2017	her.27.20-24	51005.078
2017	her.27.25-2932	176570.891
2017	her.27.28	29886.920
2017	her.27.3031	101472.973
2017	spr.27.2232	253693.191
2017	spr.27.3a	1747.175
2018	her.27.20-24	37944.768
2018	her.27.25-2932	213872.867
2018	her.27.28	27045.563
2018	her.27.3031	95557.266
2018	spr.27.2232	268957.031
2018	spr.27.3a	4400.827
2019	her.27.3031	84.704
2019	spr.27.2232	6.700

year	vslFlgCtry	stock	ton
2017	DEU	her.27.20-24	16625.292
2017	DEU	her.27.25-2932	4262.243
2017	DEU	spr.27.2232	15779.820
2017	DNK	her.27.20-24	9057.487
2017	DNK	her.27.25-2932	9341.661
2017	DNK	spr.27.2232	27149.091
2017	DNK	spr.27.3a	1545.740
2017	EST	her.27.25-2932	21380.208
2017	EST	her.27.28	13772.456
2017	EST	spr.27.2232	26545.950
2017	FIN	her.27.25-2932	39824.318
2017	FIN	her.27.3031	90677.105
2017	FIN	spr.27.2232	16058.084
2017	LTU	her.27.25-2932	3656.317
2017	LTU	spr.27.2232	12226.797
2017	UUA	her.27.25-2932	2215.004

year	vslFlgCtry	stock	ton
2018	DNK	spr.27.3a	3312.320
2018	EST	her.27.25-2932	22205.070
2018	EST	her.27.28	12520.836
2018	EST	spr.27.2232	29625.409
2018	FIN	her.27.20-24	0.536
2018	FIN	her.27.25-2932	44646.053
2018	FIN	her.27.3031	79064.685
2018	FIN	spr.27.2232	16467.812
2018	LTU	her.27.25-2932	5939.303
2018	LTU	spr.27.2232	16387.609
2018	LVA	her.27.25-2932	9837.469
2018	LVA	her.27.28	14524.727
2018	LVA	spr.27.2232	37099.125
2018	POL	her.27.20-24	1770.605
2018	POL	her.27.25-2932	48933.318
2018	POL	spr.27.2232	79705.822
2018	SWE	her.27.20-24	18733.337
2018	SWE	her.27.25-2932	66918.616
2018	SWE	her.27.3031	16492.581
2018	SWE	spr.27.2232	49135.136
2018	SWE	spr.27.3a	1053.646
2019	FIN	her.27.3031	84.704
2019	FIN	spr.27.2232	6.700