

# 008\_\_compare\_\_magic\_\_numbers

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## Aim

See if the sample data in the RDB can be use for simulating biological stuff

Comparing figures from the RDB with the ones in the AWG reports (HAWG and WGBFAS, 2018)

## Data

Only selecting samples with herring | sprat in area 27.3

## Number samples - RDB vs. AWG

Diff mainly driven by Poland and Finland.

The figures in the Polish AR seems closer to the ones in the RDB.

Year	stock	SamplingCountry	no_samples_rdb	no_samples_awg	diff_samples
2017	her.27.20-24	DEU	35	29	-6
NA	her.27.25-2932	DEU	NA	0	NA
2017	spr.27.2232	DEU	20	20	0
2017	her.27.20-24	DNK	17	18	1
2017	her.27.25-2932	DNK	9	9	0
2017	spr.27.2232	DNK	11	12	1
2017	spr.27.3a	DNK	7	NA	NA
2017	her.27.25-2932	EST	86	98	12
2017	her.27.28	EST	25	29	4
2017	spr.27.2232	EST	87	87	0
2017	her.27.25-2932	FIN	29	30	1
2017	her.27.3031	FIN	72	72	0
NA	spr.27.2232	FIN	NA	52	NA
2017	her.27.25-2932	LTU	5	5	0
NA	spr.27.2232	LTU	NA	0	NA
2017	her.27.25-2932	LVA	65	71	6
2017	her.27.28	LVA	63	60	-3
2017	spr.27.2232	LVA	32	36	4
2017	her.27.20-24	POL	13	13	0
2017	her.27.25-2932	POL	44	49	5
2017	spr.27.2232	POL	45	239	194
2017	her.27.20-24	SWE	88	88	0
2017	her.27.25-2932	SWE	77	77	0
2017	her.27.3031	SWE	9	10	1
2017	spr.27.2232	SWE	63	61	-2
2017	spr.27.3a	SWE	4	NA	NA

## Number ages - RDB vs. AWG

Diff mainly driven by Latvia and Poland

Year	stock	SamplingCountry	no_aged_rdb	no_aged_awg	diff_aged
2017	her.27.20-24	DEU	3007	2437	-570
NA	her.27.25-2932	DEU	NA	0	NA
2017	spr.27.2232	DEU	961	961	0
2017	her.27.20-24	DNK	912	912	0
2017	her.27.25-2932	DNK	65	65	0
2017	spr.27.2232	DNK	561	591	30
2017	spr.27.3a	DNK	348	NA	NA
2017	her.27.25-2932	EST	7568	7731	163
2017	her.27.28	EST	2441	2338	-103
2017	spr.27.2232	EST	8314	8313	-1
2017	her.27.25-2932	FIN	1296	1292	-4
2017	her.27.3031	FIN	1764	1756	-8
NA	spr.27.2232	FIN	NA	615	NA
2017	her.27.25-2932	LTU	630	630	0
NA	spr.27.2232	LTU	NA	0	NA
2017	her.27.25-2932	LVA	1828	7080	5252
2017	her.27.28	LVA	5833	5836	3
2017	spr.27.2232	LVA	3269	3270	1
2017	her.27.20-24	POL	1016	1016	0
2017	her.27.25-2932	POL	2342	2342	0
2017	spr.27.2232	POL	3425	6228	2803
2017	her.27.20-24	SWE	6224	6224	0
2017	her.27.25-2932	SWE	5088	5088	0
2017	her.27.3031	SWE	692	823	131
2017	spr.27.2232	SWE	4918	4811	-107
2017	spr.27.3a	SWE	410	NA	NA

## Without country

## Number samples - RDB vs. AWG

Year	stock	no_samples_rdb	no_samples_awg	diff_samples
2017	her.27.20-24	153	148	-5
2017	her.27.25-2932	315	339	24
2017	her.27.28	88	89	1
2017	her.27.3031	81	82	1
2017	spr.27.2232	258	507	249
2017	spr.27.3a	11	NA	NA

## Number ages - RDB vs. AWG

Year	stock	no_aged_rdb	no_aged_awg	diff_aged
2017	her.27.20-24	11159	10589	-570
2017	her.27.25-2932	18817	24228	5411
2017	her.27.28	8274	8174	-100
2017	her.27.3031	2456	2579	123
2017	spr.27.2232	21448	24789	3341
2017	spr.27.3a	758	NA	NA