hawg_dnk_sandeel_pop_data

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/today

```
# log <- c()
#
# for(i in log_years) {
#
#
#   log_0 <- read_sas(paste0(path_log, "log", substr(i, 3, 4), ".sas7bdat"))
#   names(log_0) <- tolower(names(log_0))
#
#   log <- bind_rows(log, log_0)
# }
#
# log_1 <- subset(log, art %in% c("TBS", "ABZ") & fnat == "DNK")
#
# log_2 <- mutate(log_1, vesselFlagCountry  = "DK",     year = year(ldato),
#                 month = month(ldato), area = fvd,     statisticalRectangle = paste0(isb, isl),
#                 dataSourceOfStatisticalRectangle = "logbook", exclusiveEconomicZone = zone,
#                 source = "logbook", update = Sys.Date()
# )
#
# log_sum <- summarise(group_by(log_2, vesselFlagCountry, year, month, area,
#                               statisticalRectangle, dataSourceOfStatisticalRectangle,
#                               exclusiveEconomicZone, source, update
# ), weight = sum(fangst, na.rm = T))
#

dfad <- c()

for(i in dfad_years) {


  dfad_0 <- readRDS(paste0(path_dfad, "dfad_udvidet", i, ".rds"))
  names(dfad_0) <- tolower(names(dfad_0))

  dfad_0 <- subset(dfad_0, art %in% c("TBS", "ABZ"))

  dfad_0 <- select(dfad_0, -aktiv, -passiv)

  dfad <- bind_rows(dfad, dfad_0)

  print(i)
}
```

```
## [1] 2024
```

```
## [1] 2025
```

```
dfad_2 <- mutate(dfad, vesselFlagCountry  = "DK",   year = year(ldato),
                 month = month(ldato), area = dfadfvd_ret,   statisticalRectangle = square_ret,
                 dataSourceOfStatisticalRectangle = square_ret_mrk, exclusiveEconomicZone = zone,
                 source = "DFAD", update = Sys.Date(), afrfvd, fvd, dfadfvd_mrk, fao_area
)

dfad_sum <- summarise(group_by(dfad_2, vesselFlagCountry, year, month, area,
                               statisticalRectangle, dataSourceOfStatisticalRectangle,
                               exclusiveEconomicZone, source, update, afrfvd, fvd, dfadfvd_mrk, fao_area
), weight = sum(hel, na.rm = T))
```

```
## `summarise()` has grouped output by 'vesselFlagCountry', 'year', 'month',
## 'area', 'statisticalRectangle', 'dataSourceOfStatisticalRectangle',
## 'exclusiveEconomicZone', 'source', 'update', 'afrfvd', 'fvd', 'dfadfvd_mrk'.
## You can override using the `.groups` argument.
```

```
pop <- dfad_sum   #bind_rows(log_sum, dfad_sum)

saveRDS(pop, paste0(path_out, "pop_data.rds"))

dat <- readRDS(paste0(path_out, "pop_data.rds"))

unique((dat$year))
```

```
## [1] 2024 2025
```

```
#
#
# log_sum_1 <- log_sum <- summarise(group_by(log_2, vesselFlagCountry, year, fvd
# ), weight = sum(fangst, na.rm = T))
#
# old <- read_sas("Q:/50-radgivning/02-mynd/Assessement_discard_and_the_like/assessment_scripts/HAWG_sa
#
# old$statisticalRectangle <- old$ICES_txt
#
# old_sum <- summarise(group_by(old, year, fvd), kg = sum(yield, na.rm = T))
#
# compare <- full_join(log_sum_1, old_sum)
```

```
unique(dat$area[is.na(dat$fao_area)])
```

```
## character(0)
```

```
dat$fao_area[is.na(dat$fao_area) & dat$area == "3AN"] <- "27.3.a.20"
dat$fao_area[is.na(dat$fao_area) & dat$area == "3AS"] <- "27.3.a.21"
dat$fao_area[is.na(dat$fao_area) & dat$area == "3C"] <- "27.3.c.22"
dat$fao_area[is.na(dat$fao_area) & dat$area == "3D"] <- "27.3.d"
dat$fao_area[is.na(dat$fao_area) & dat$area == "4A"] <- "27.4.a"
dat$fao_area[is.na(dat$fao_area) & dat$area == "4B"] <- "27.4.b"
dat$fao_area[is.na(dat$fao_area) & dat$area == "4C"] <- "27.4.c"

dat_1 <- subset(dat, !(area %in% c("3D")))

dat_1$area <- dat_1$fao_area
```

```r
unique(dat_1$dataSourceOfStatisticalRectangle)
```

```
## [1] "Log square"           "VMS based correction" "Harbour >=12"
## [4] ""
```

```r
dat_2 <- dat_1 #subset(dat_1, !(dataSourceOfStatisticalRectangle %in% c("Harbour >=12", "Harbour <12",


unique(dat_2$dataSourceOfStatisticalRectangle)
```

```
## [1] "Log square"           "VMS based correction" "Harbour >=12"
## [4] ""
```

```r
table_1 <- summarise(group_by(dat_2, vesselFlagCountry, year, month, area,
                              statisticalRectangle, exclusiveEconomicZone
), weight = sum(weight, na.rm = T))
```

```
## `summarise()` has grouped output by 'vesselFlagCountry', 'year', 'month',
## 'area', 'statisticalRectangle'. You can override using the `.groups` argument.
```

```r
write.csv(table_1, paste0(path_out, "Annex_1_HAWG_sandeel_exchange_format_DNK.csv"), row.names = F)
```

```r
dat_2007 <- subset(dat, year == 2007)

unique(dat$dataSourceOfStatisticalRectangle)

sum_source <- summarise(group_by(dat, dataSourceOfStatisticalRectangle), weight = sum(weight, na.rm = T
```