



DTU Aqua - Cruise report

Torsk - 4Q - 2025

Trawl Survey

HAVFISKEN

Denmark

From 2025-11-24 to 2025-12-04

DTU Aqua
National Institute of Aquatic Resources

DTU Aqua
Kemitorvet, Building 202
2800 Kgs. Lyngby
Denmark

Contents

Cruise Summary	2
General Information	2
Location and Time	2
Participants	2
Objectives	2
This Survey	3
Stations	3
Weather Conditions	3
Gear performance	3
Oxygen Conditions	3
Station Map	4
Catch Overview	5
Length distribution	6
BRS	6
RSP	7
SIL	7
TNG	8
TOR	8
Species Caught	9

Cruise Summary

General Information

Cruise	Torsk
Research Vessel	HAVFISKEN
Year and Quarter	4Q 2025
Country	Denmark

Location and Time

	Date	Time
Departure	2025-11-24	06-00
Arrival	2025-12-04	16-00

Participants

Name	Institute	Function tasks	Leg
Leg 1			
Aage Thaarup	DTU-Aqua	Skipper	1
Viktor Keldsen	DTU-Aqua	Bestman	1
Flemming Thaarup	DTU-Aqua	Cruise-leader	1
Martin Mølgaard	DTU-Aqua	Individual fish measurements	1

Objectives

- To describe the existence of fish in the waters surrounding Denmark based on their occurrence in scientific trawl./ At beskrive udbredelsen af fisk i farvande omring Danmark ved brug af videnskabeligt trawl.
- To collect biological data regarding age, weight and maturity from subsamples of the catch from selected species./ At indsamle biologisk materiale vedr. alder, vægt og modenhed fra stikprøver fra fangsten af udvalgte arter.
- Recording of hydrographic data with CTD./Opsamling af hydrografidata med CTD.

This Survey

During the cruise, apart from recording a complete set of factual information concerning haul information, gear performance, catch results, hydrographic information etc., the cruise leader keeps a logbook taking notes about circumstances (unusual gear performance, special catches, non-conformities etc. during the survey. The haul summary below is the overview from this logbook.

Stations

41 hauls were conducted during the survey. The positions off all hauls are presented in the map in Fig. 1.

Weather Conditions

No Remarks on the Weather conditions

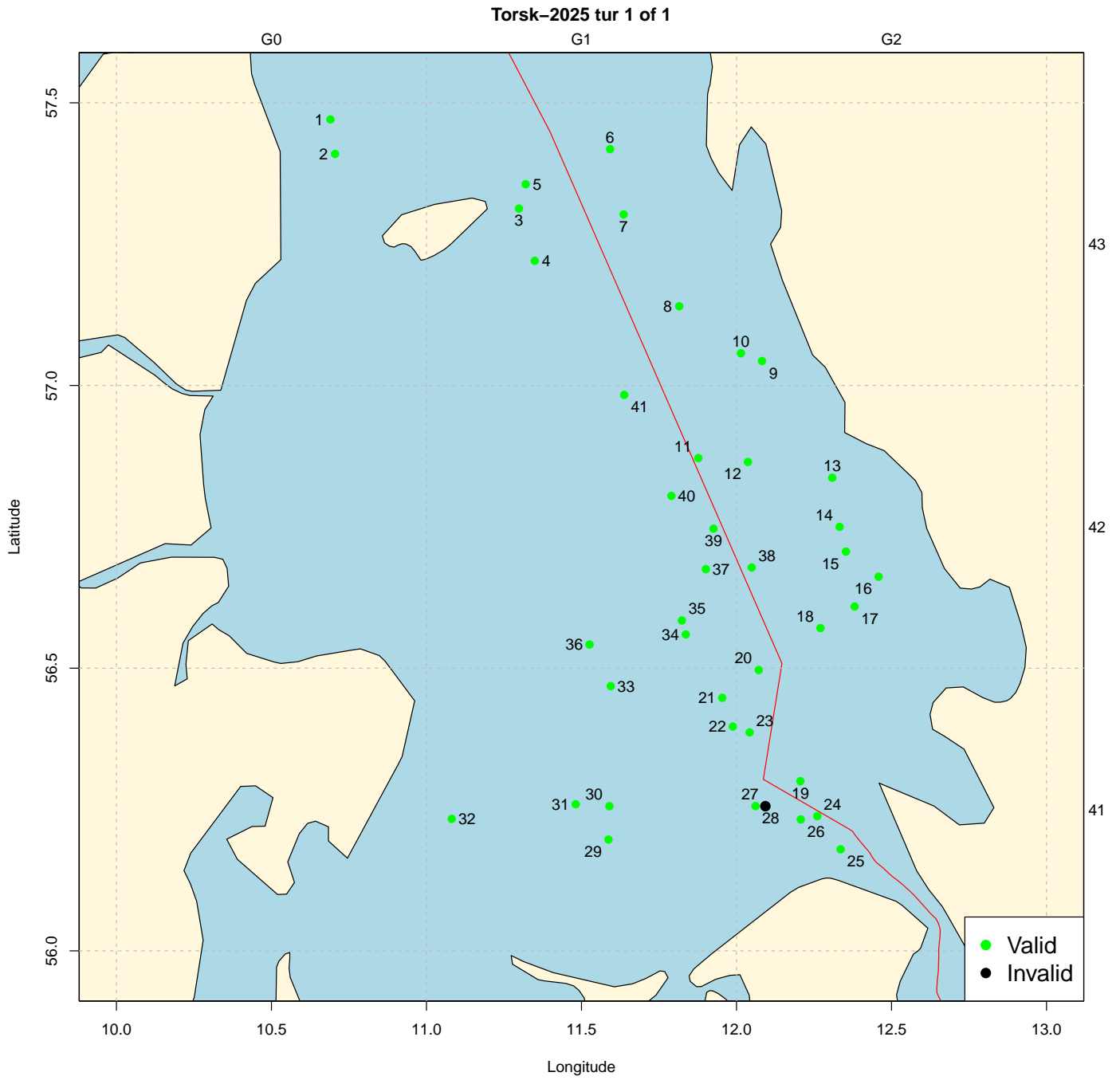
Gear performance

No remarks on the Gear performance

Oxygen Conditions

No remarks on the Oxygen conditions

Station Map



Figur 1. Plot af stationer.

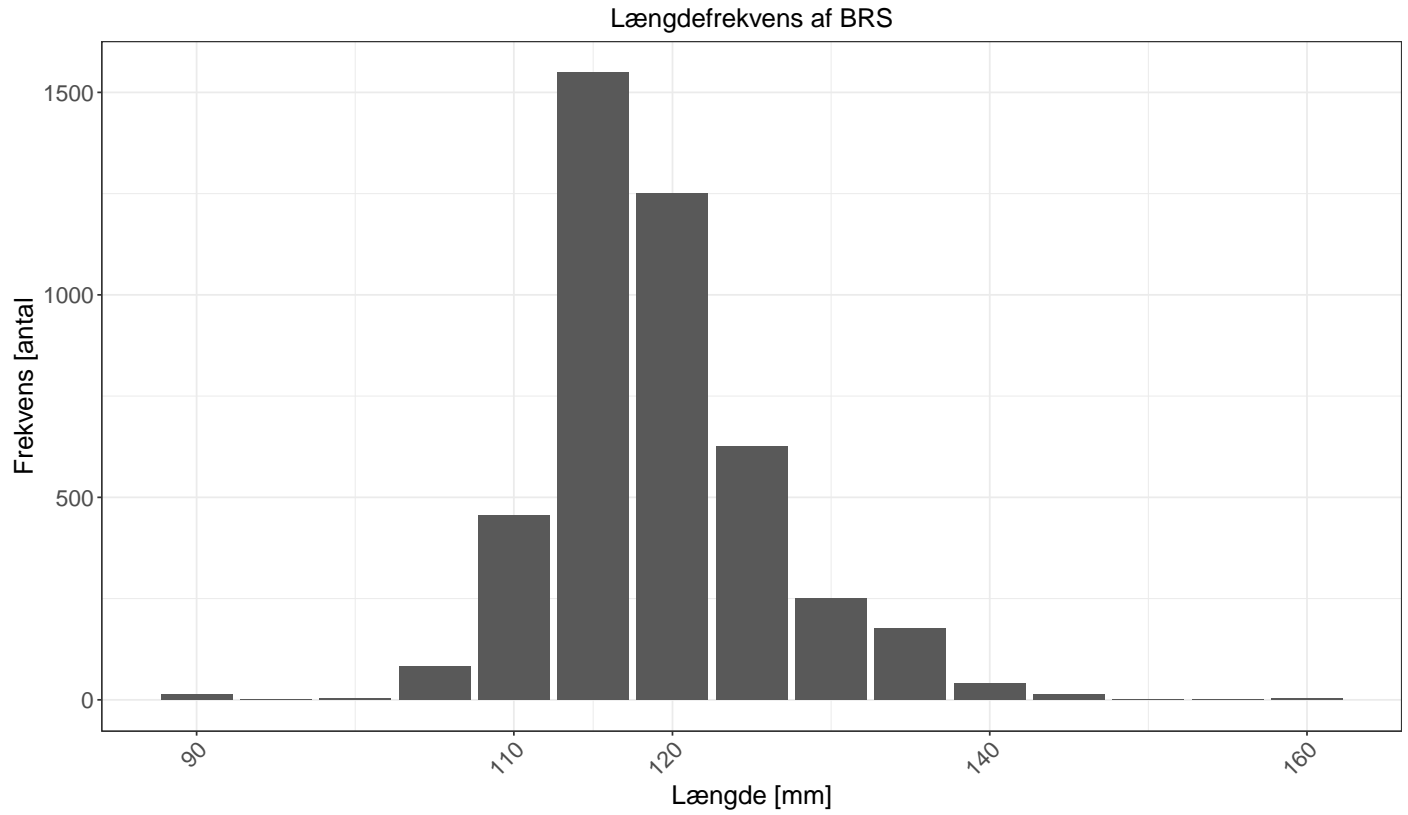
Catch Overview

Table 2: Sample Overview

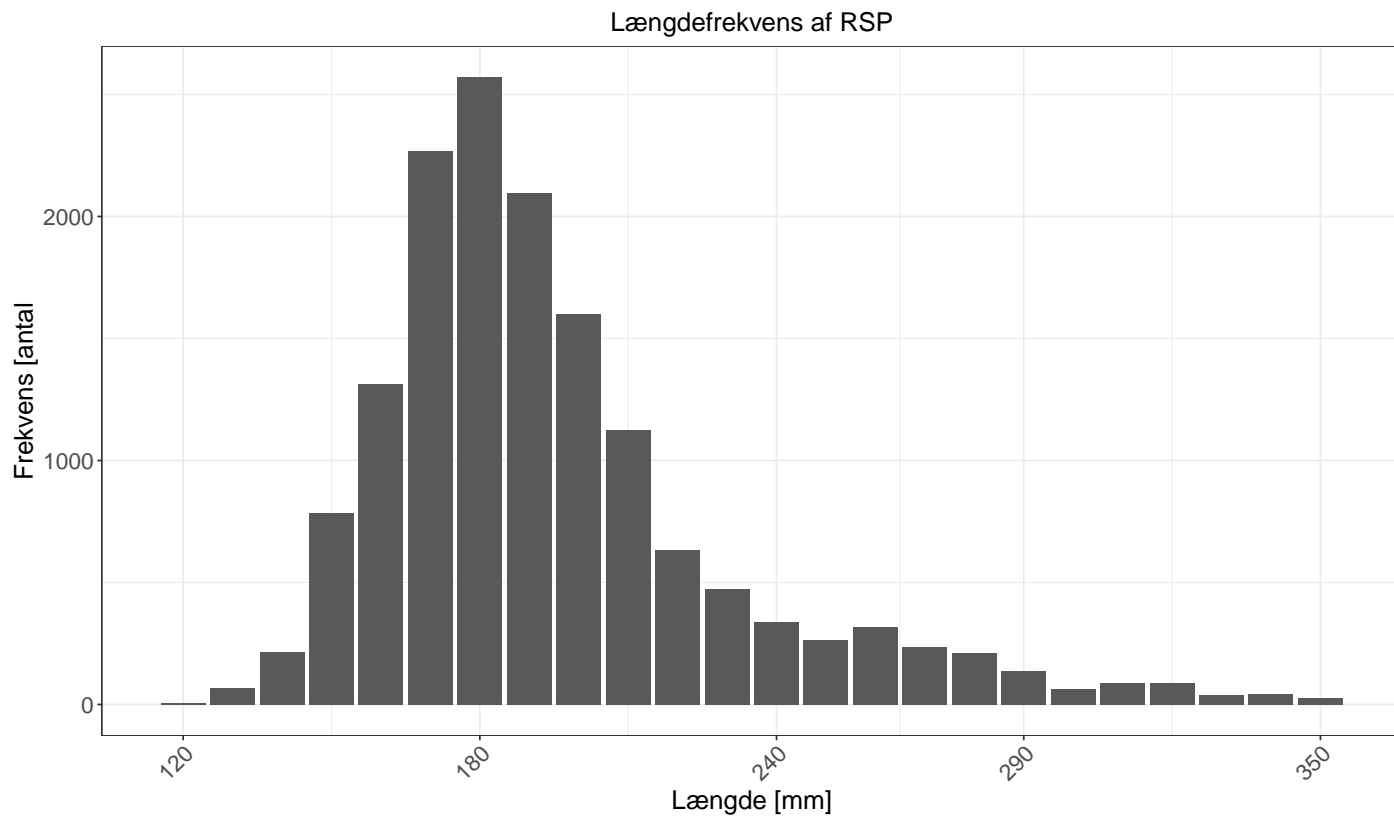
	Sub sampled [kg]	Total [kg]	Sub sampled [Nr.]	Total [Nr.]	Individuals collected	Genetics Sampled
Total Catch	2340.8	8983	19420	106769	269	0
selected species						
BRS	14.1	64.4	968	4470	0	0
RSP	226.3	1285.6	2614	14998	0	0
SIL	30.9	30.9	603	603	0	0
TNG	16.6	16.6	77	77	0	0
TOR	125.9	125.9	358	358	269	0
TBM	0	0	0	0	0	0

Length distribution

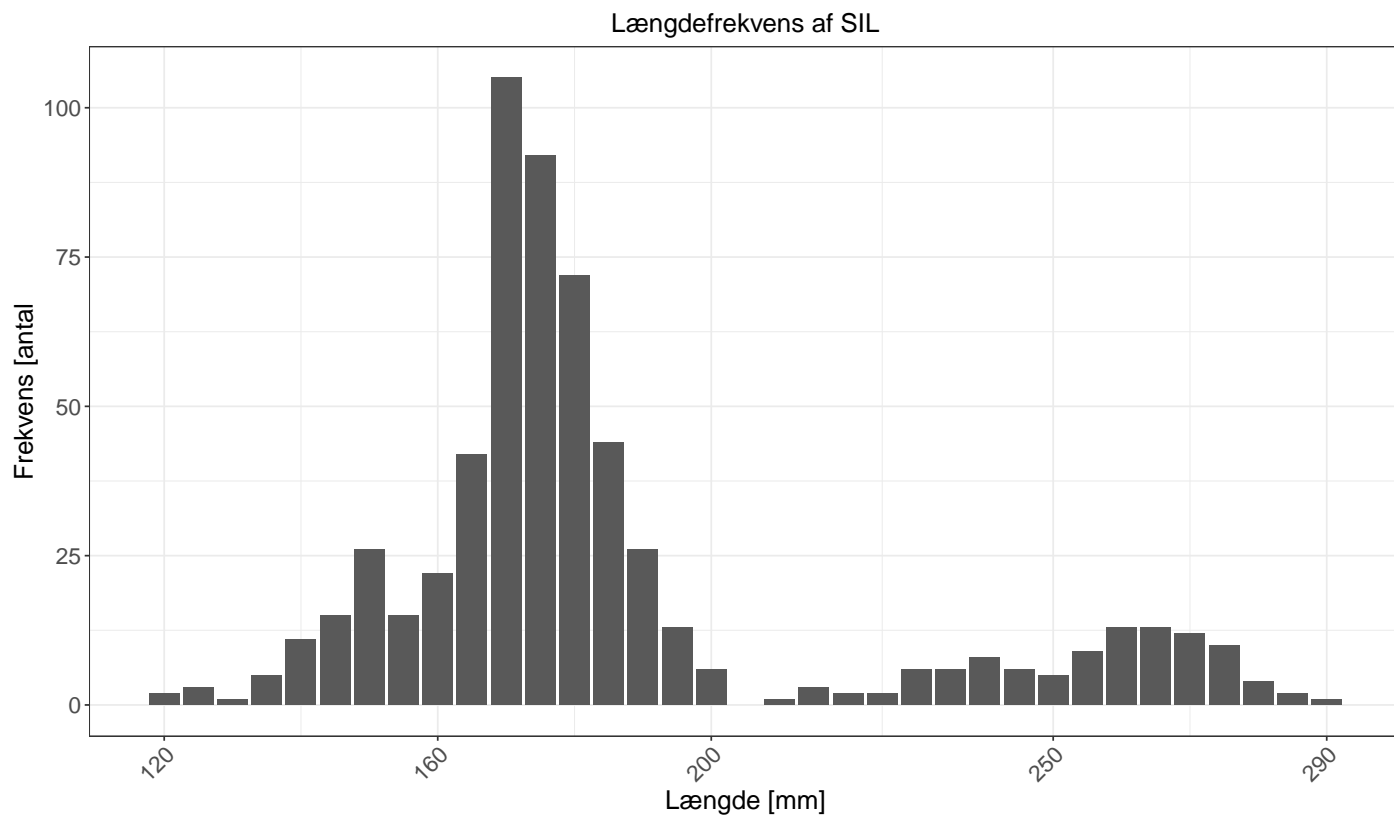
BRS



RSP

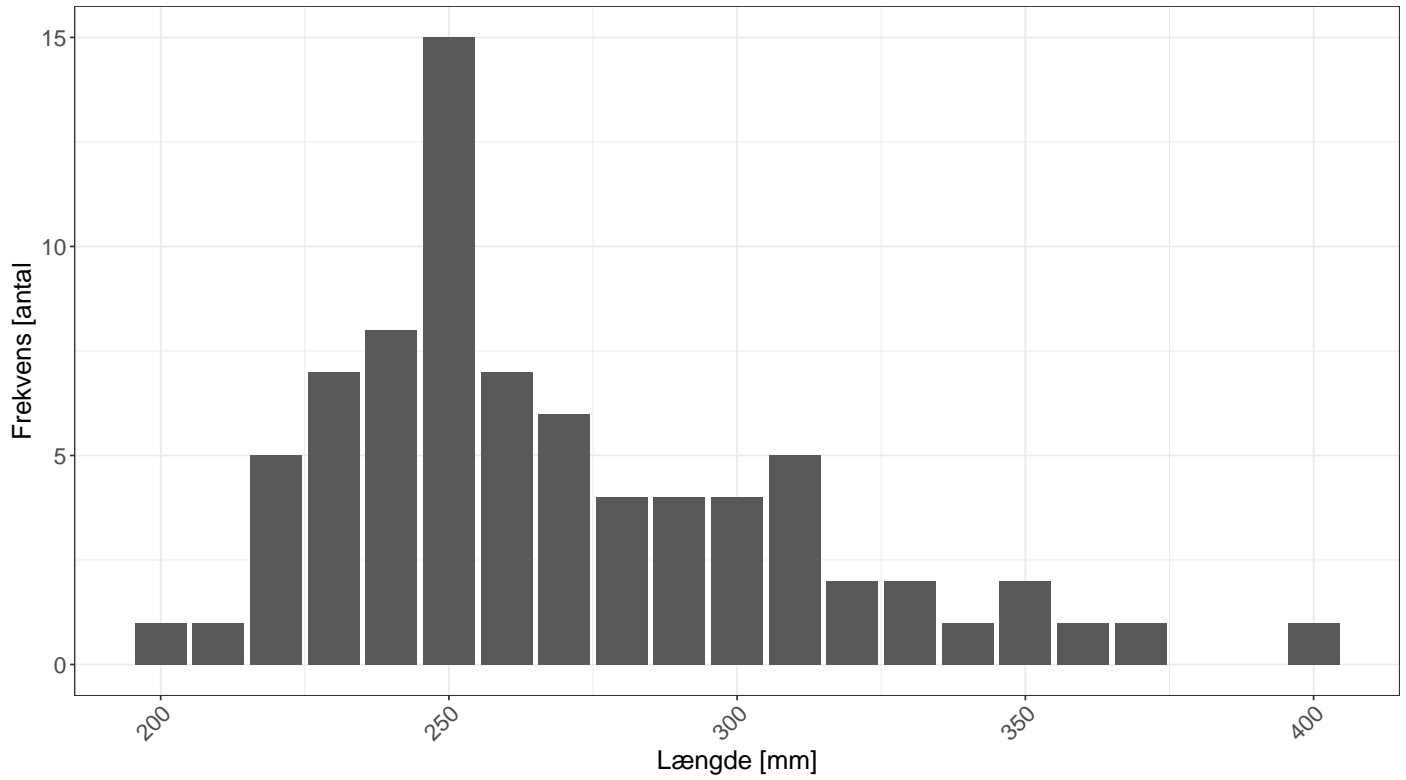


SIL



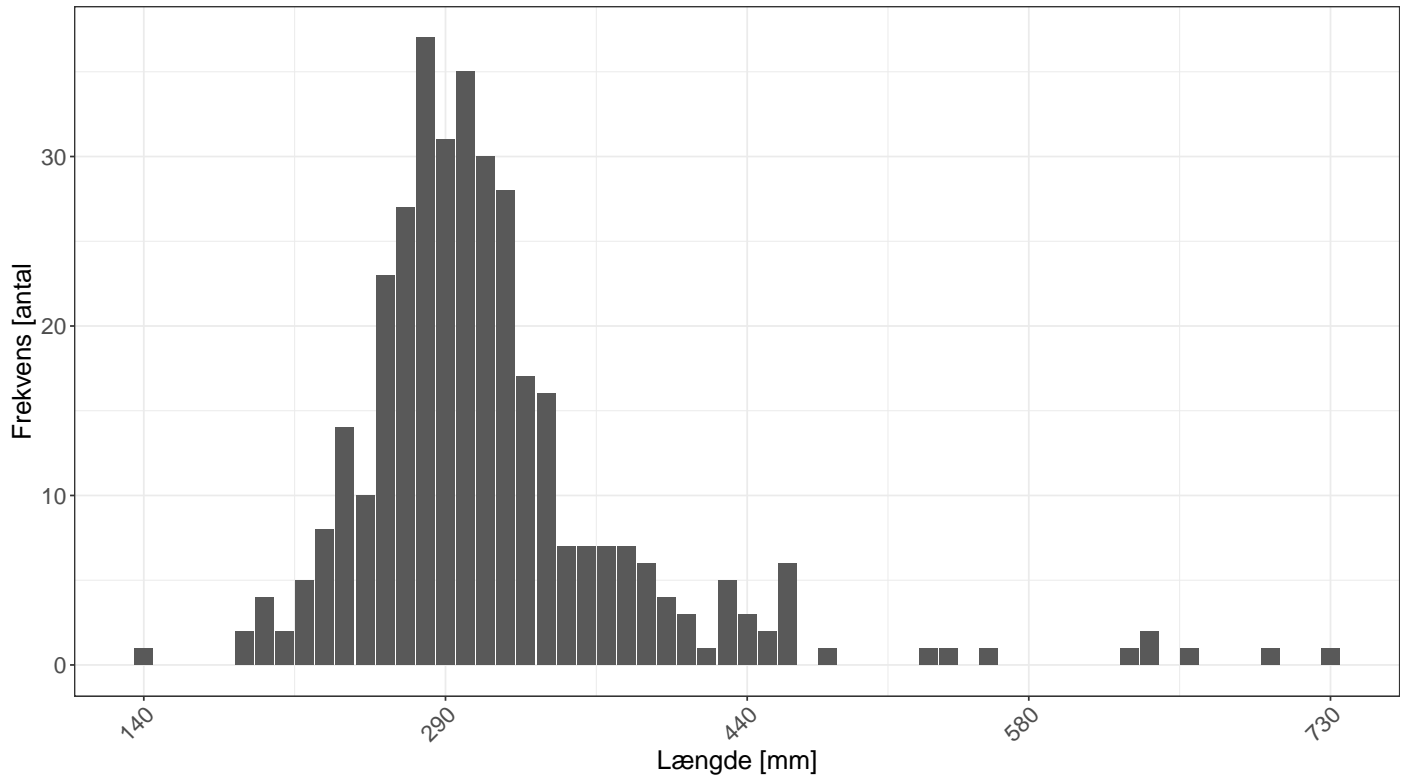
TNG

Længdefrekvens af TNG



TOR

Længdefrekvens af TOR



Species Caught

The total catch per species for the while cruise is presented in the table below.

Table 1: Arter fanget på tur 1

Latinsk navn	Dansk navn	Antal	Vægt (kg)
<i>Engraulis encrasicolus</i>	Ansjos	17	0.3
<i>Sprattus sprattus</i>	Brisling	4470	64.4
<i>Pandalus borealis</i>	Dybvandsreje	245	1.1
<i>Nephrops norvegicus</i>	Jomfruummer	7431	336.1
<i>Eledone cirrhosa</i>	Eledone Blæksprutte	1	0.4
<i>Trachinus draco</i>	Fjæsing	4279	459.0
<i>Trisopterus minutus</i>	Glyse	1	0.1
<i>Lophius piscatorius</i>	Havtaske	2	1.9
<i>Trachurus trachurus</i>	Hestemakrel	291	7.9
<i>Hippoglossoides platessoides</i>	Håising	838	30.3
<i>Merlangius merlangus</i>	Hvilling	5332	557.8
Invertebrata	*Invertebrater	NA	270.5
<i>Limanda limanda</i>	Ising	60826	4099.4
<i>Merluccius merluccius</i>	Kulmule	257	45.8
<i>Eutrigla gurnardus</i>	Grå knurhane	1749	113.3
<i>Melanogrammus aeglefinus</i>	Kuller	2281	647.8
<i>Molva molva</i>	Lange	2	2.1
<i>Pollachius pollachius</i>	Lyssej	1	0.4
<i>Loligo</i>	*Loligoblæksprutter	277	21.0
<i>Scomber scombrus</i>	Makrel	275	35.6
<i>Pollachius virens</i>	Sej	16	1.2
<i>Callionymus maculatus</i>	Plettet fløjfisk	9	0.1
<i>Scophthalmus maximus</i>	Pighvarre	14	10.6
<i>Squalus acanthias</i>	Pighaj	326	333.6
<i>Trigla lucerna</i>	Rød knurhane	58	17.9
<i>Pleuronectes platessa</i>	Rødspætte	14998	1285.6
<i>Microstomus kitt</i>	Rødtunge	122	13.9
<i>Zeus faber</i>	Sanktpetersfisk	3	0.5
<i>Callionymus lyra</i>	Stribet fløjfisk	26	1.2
<i>Clupea harengus</i>	Sild	603	30.9
<i>Glyptocephalus cynoglossus</i>	Skærising	46	5.8
<i>Platichthys flesus</i>	Skrubbe	959	231.0
<i>Scophthalmus rhombus</i>	Slethvarre	297	97.6
<i>Raja clavata</i>	Sømrokke	35	46.4

<i>Mullus surmuletus</i>	Stribet rød Mulle	22	3.7
<i>Trisopterus esmarkii</i>	Sperling	34	0.3
Ommastrephidae	*Ommastrephidae	75	4.3
<i>Cancer pagurus</i>	Taskekrabbe	82	53.9
<i>Solea solea</i>	Tunge	77	16.6
<i>Gadus morhua</i>	Torsk	358	125.9
<i>Amblyraja radiata</i>	Tærbe	1	0.4
<i>Lithodes maja</i>	Troldkrabbe	3	1.2
<i>Myoxocephalus scorpius</i>	Almindelig ulk	29	3.9