Lump Manuscript Figures

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Table 1: Data points and year spanned per source of all data points

Data Code	Years Spanned	Number of datapoints
MA_DMF	1978-2021	120
ME_DMR	2000-2021	1357
NH_FG	1997-2015	104
NOAA_Observer	1989-2021	9745
NEFSC	1963-2021	590
TOTAL	1963-2021	11916

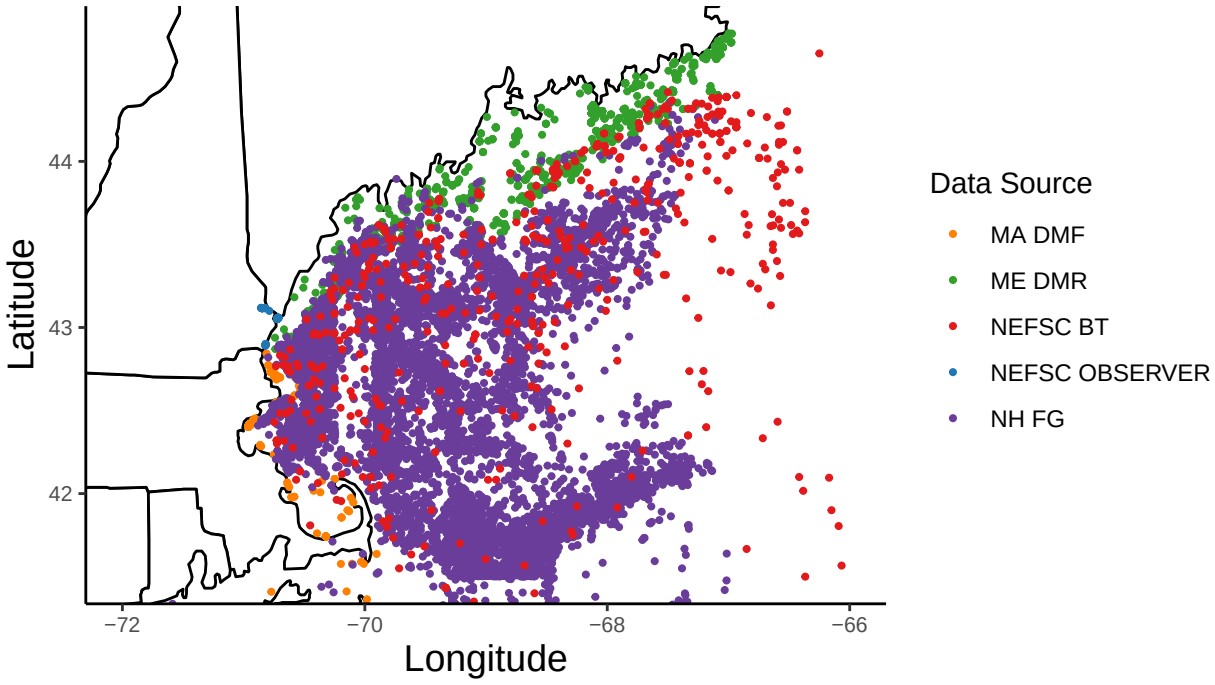

Figure 1: Datapoints per source

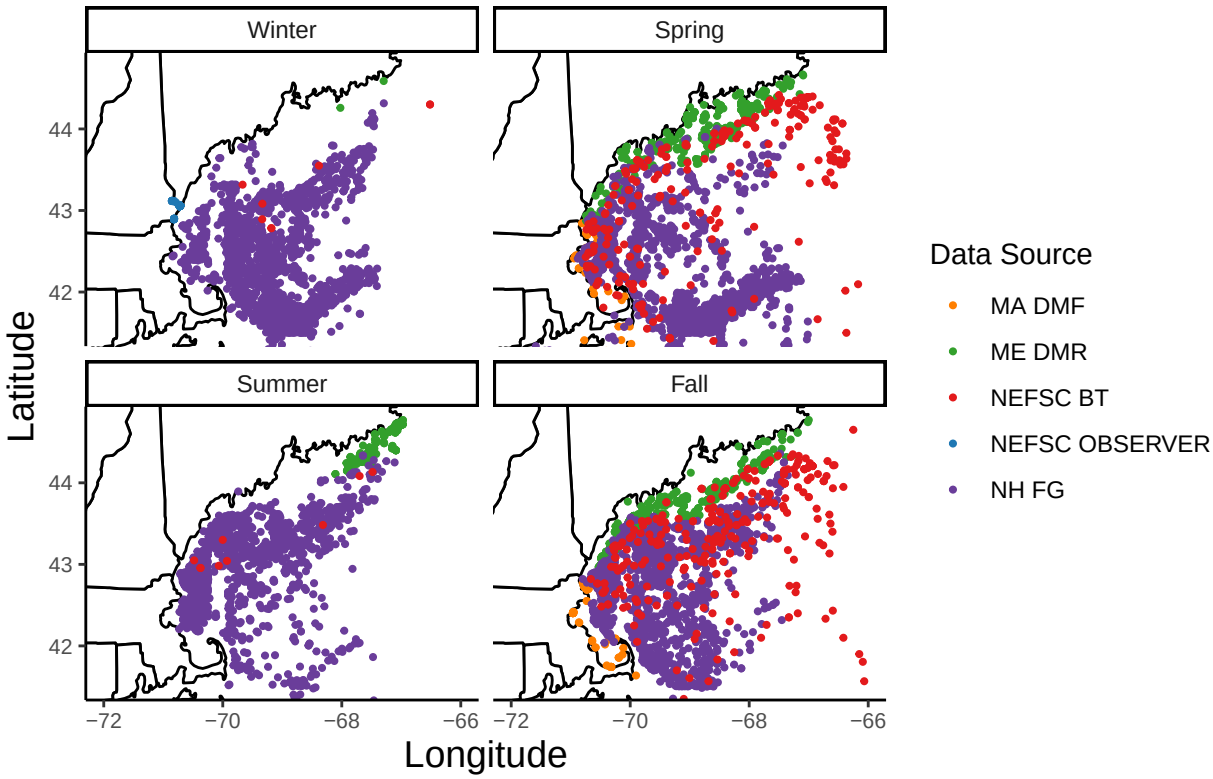

Figure 2: Datapoints per season

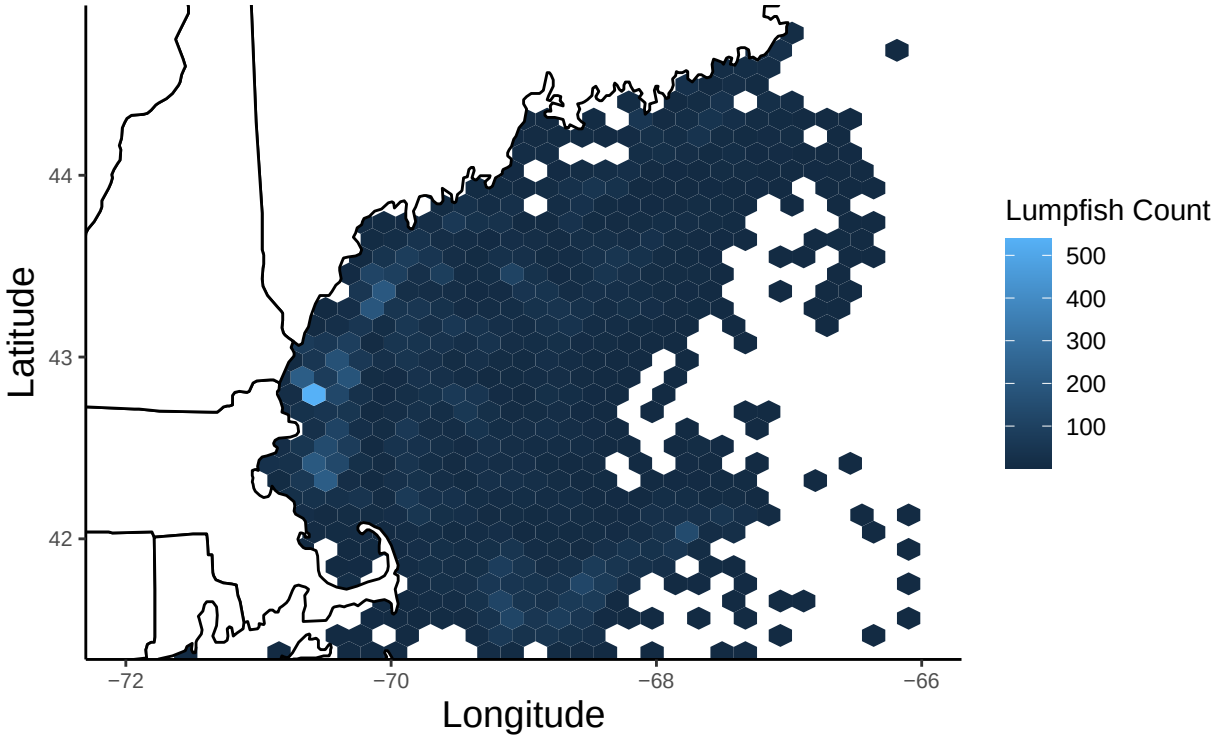

Figure 3: Distribution of Lumpfish from all datasets

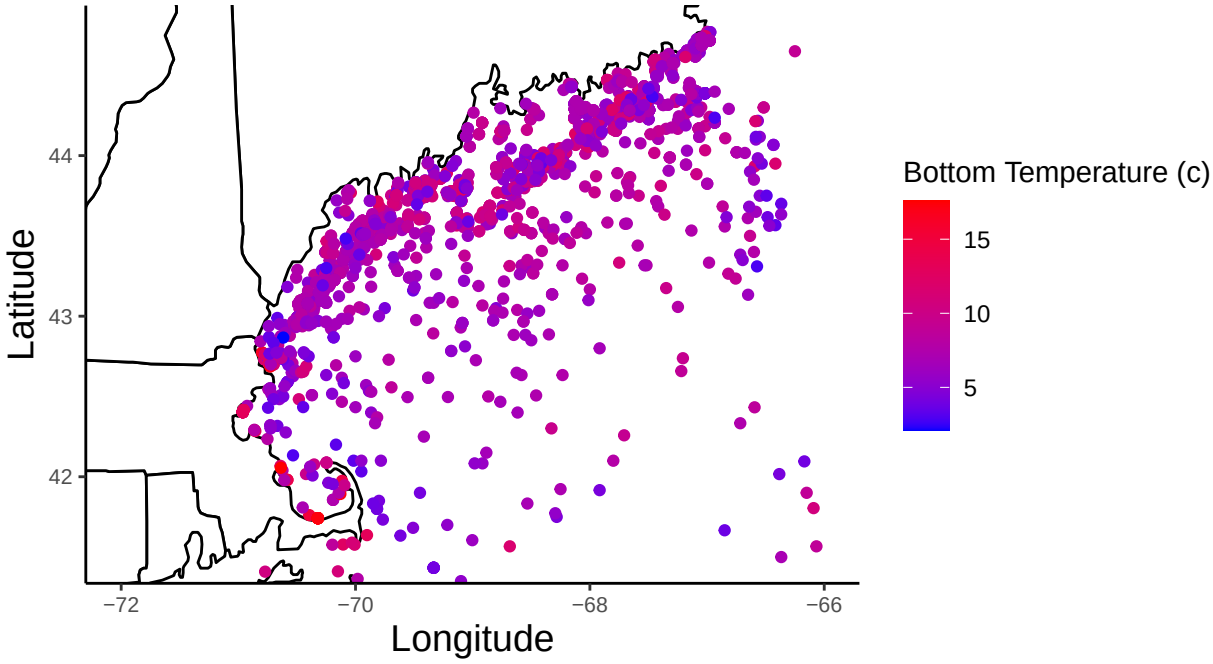

Figure 4: Bottom temperature of catch

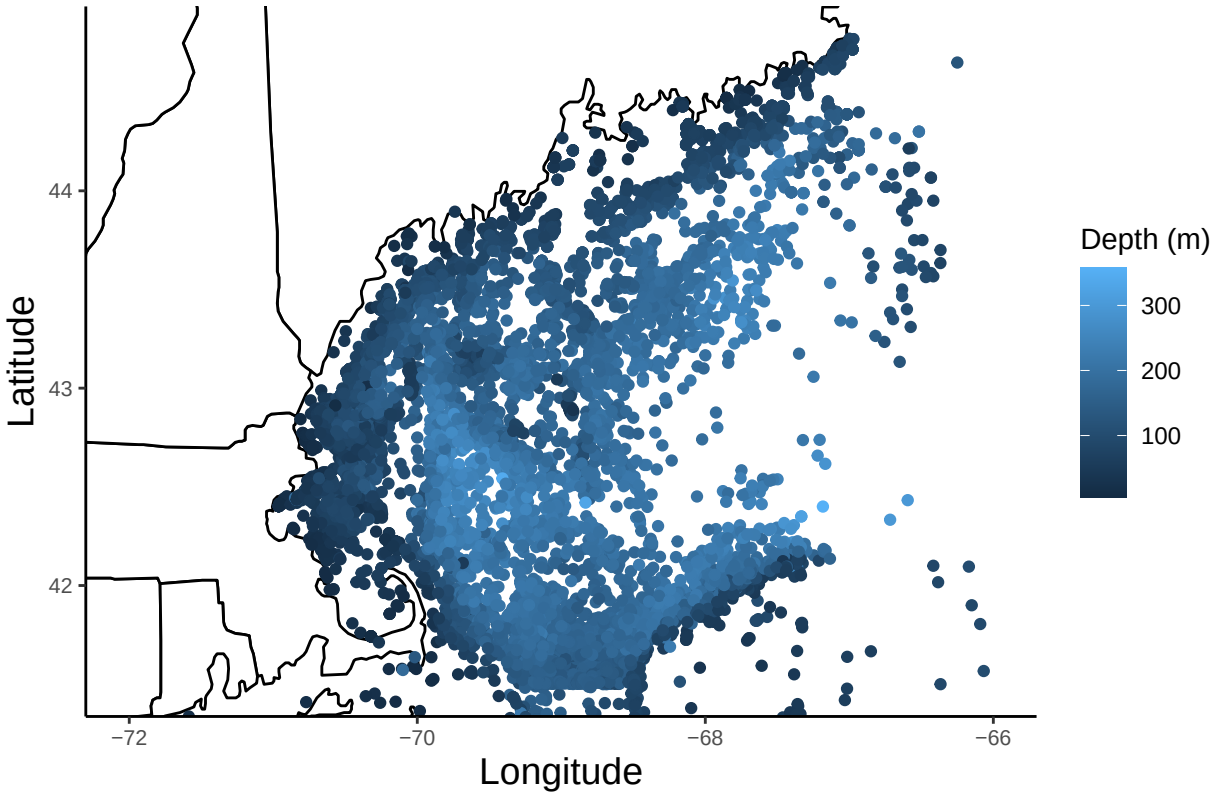

Figure 5: Depth of each lumpfish occurance

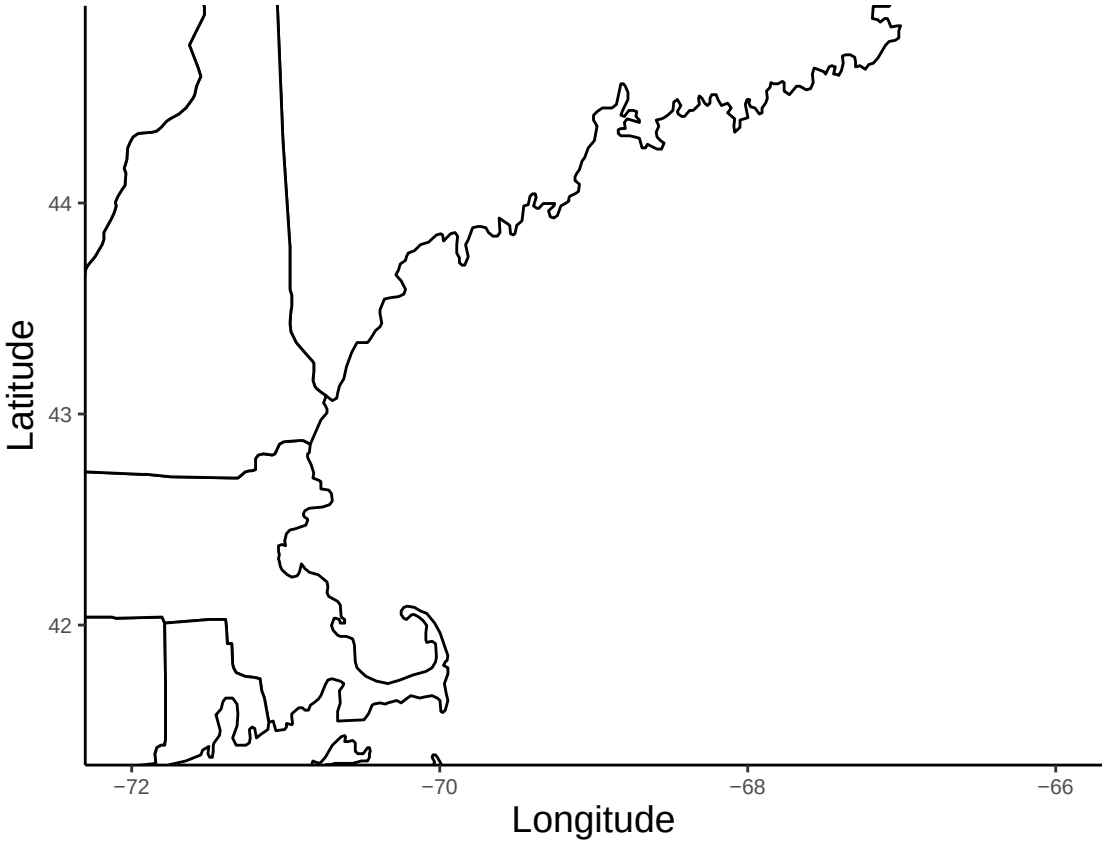

Figure 6: Bottom temperature of catch in NEFSC BT dataset

Table 2: Number of fish caught per geartype in NEFSC Observer Data

Gear Type	Count
TRAWL,OTTER,BOTTOM,FISH	8885
GILL NET, FIXED OR ANCHORED,SINK, OTHER/NK SPECIES	640
TRAWL,OTTER,MIDWATER PAIRED	103
DREDGE, SCALLOP,SEA	58
TRAWL,OTTER,MIDWATER	54
TRAWL,OTTER,BOTTOM,SHRIMP	48
GILL NET,DRIFT-SINK, FISH	47
TRAWL,OTTER,BOTTOM,HADDOCK SEPARATOR	46
TRAWL,OTTER,BOTTOM,TWIN	10
TRAWL,OTTER,BOTTOM PAIRED	6
LONGLINE, BOTTOM	5
DREDGE, OTHER/NK SPECIES	2
POT/TRAP, LOBSTER OFFSH NK	2
SCOTTISH SEINE	2
TRAWL,OTTER,BOTTOM,RUHLE	2
HANDLINE	1
TRAWL,SHRIMP,TWINNED	1

Age and Bayesian Weights

Note: Datapoints without lengths were excluded from the following as there was no way to calculate Bayes Weights or Ages

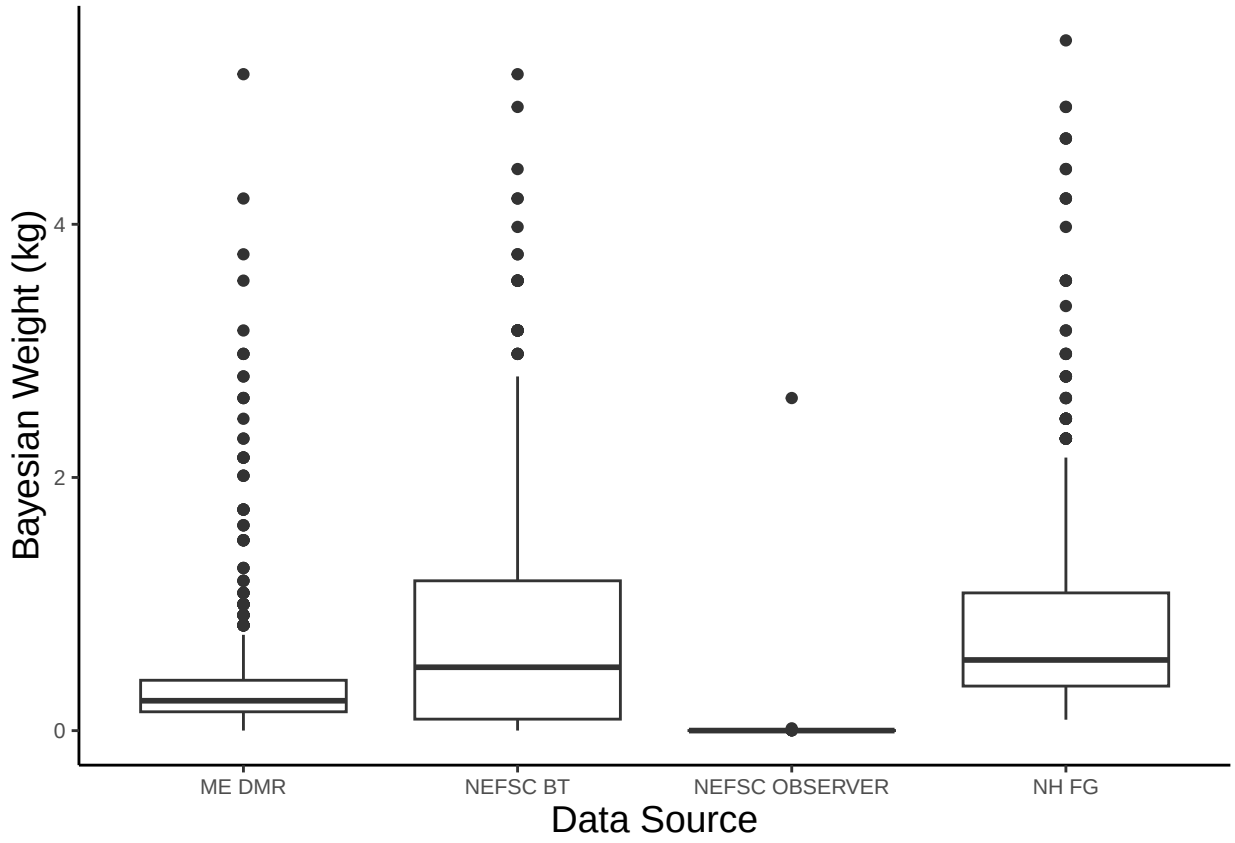

Figure 7: Range of calculated Bayesian weights per datasource. MA DMF did not report lengths so were not included in this graph

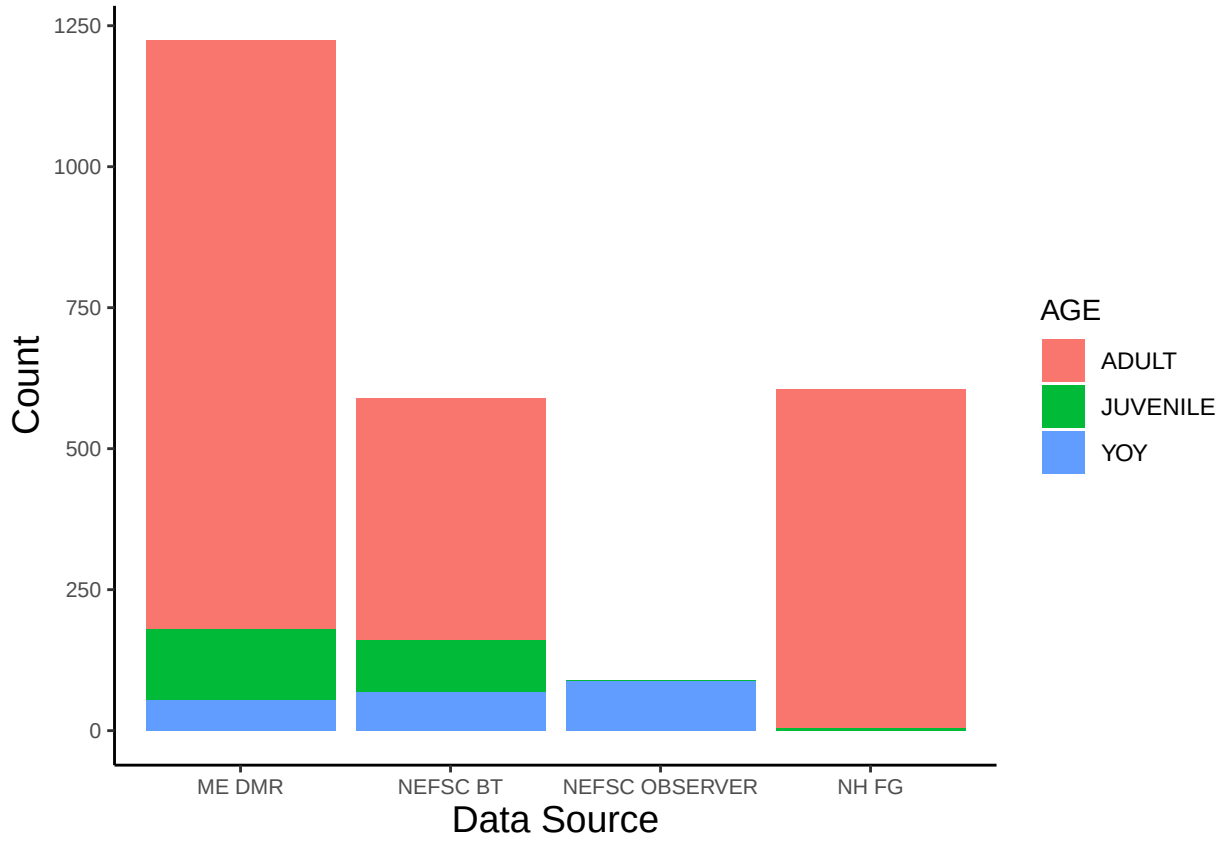

Figure 8: Age of fish caught by each Data Source. MA DMF did not report lengths so were not included in this graph

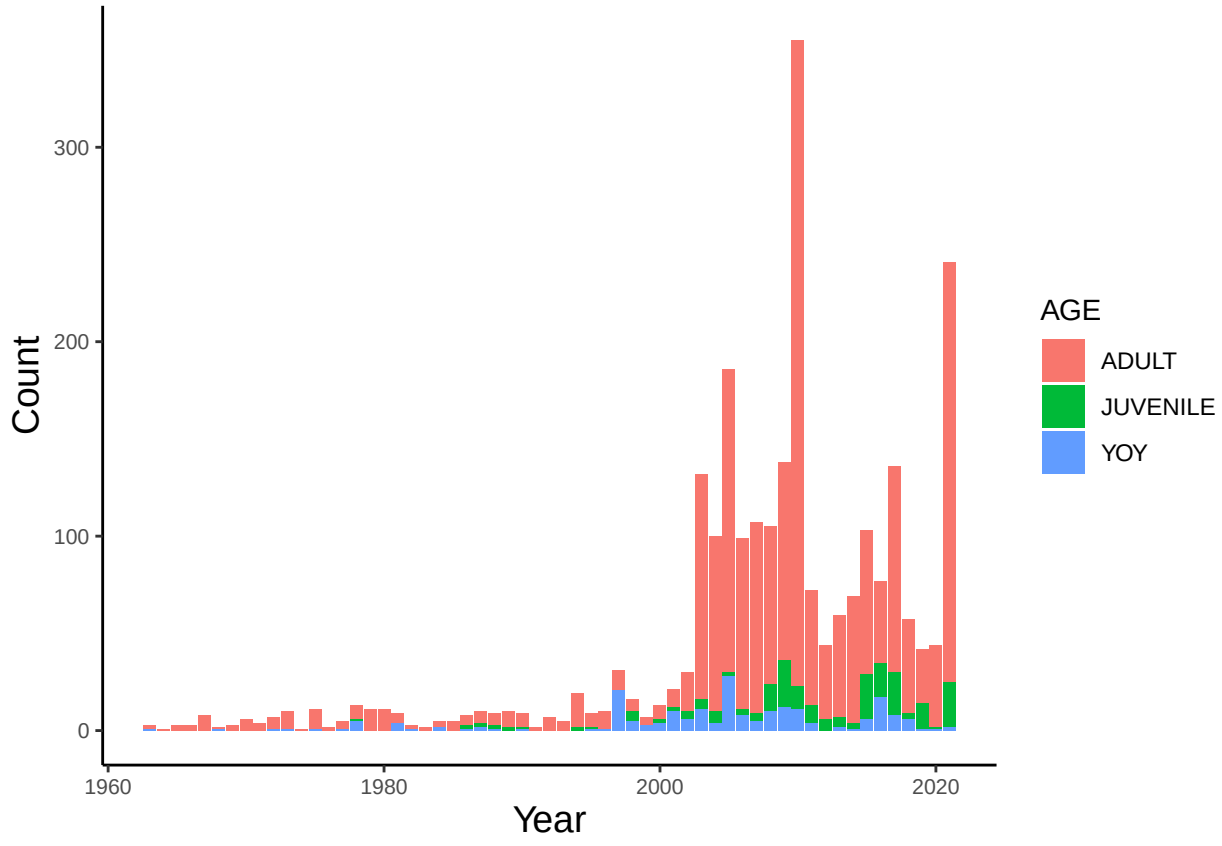

Figure 9: Number of datapoints per year separated by age

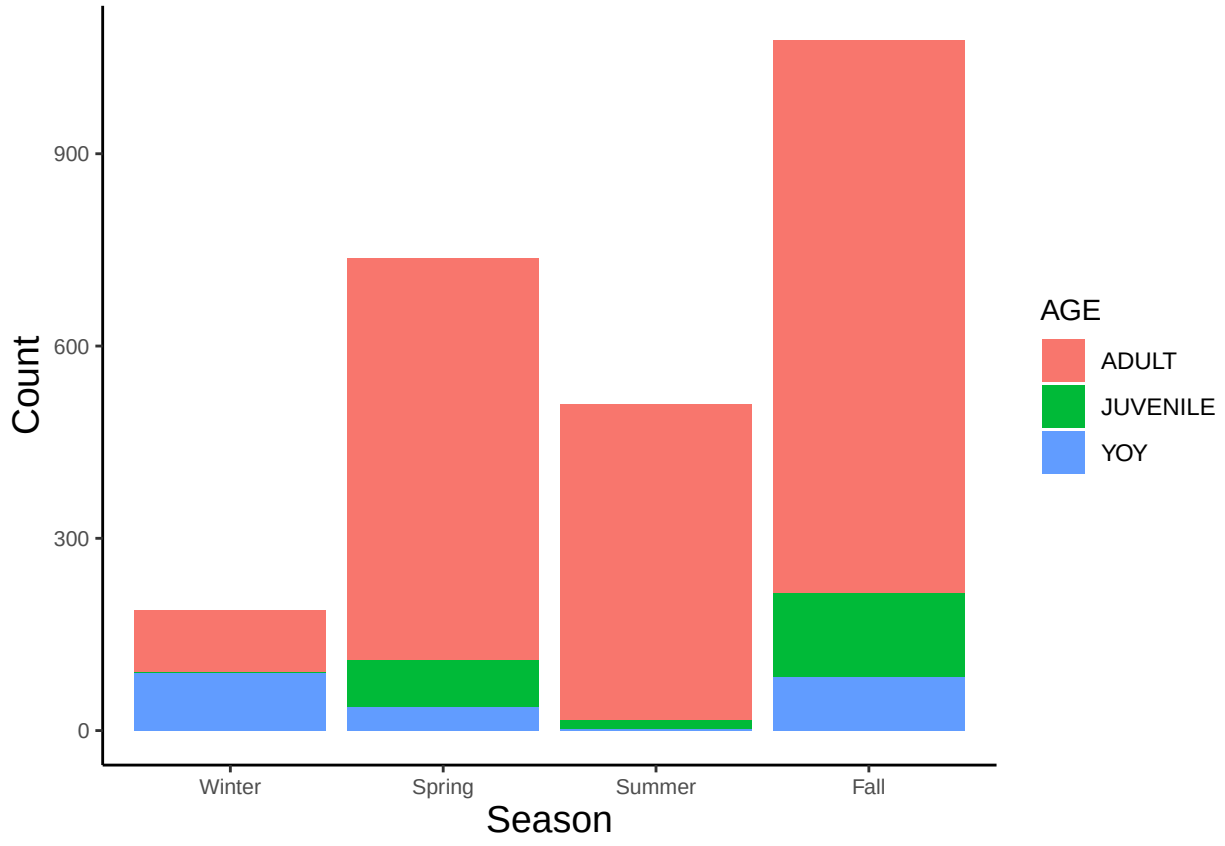

Figure 10: Number of datapoints per season separated by age

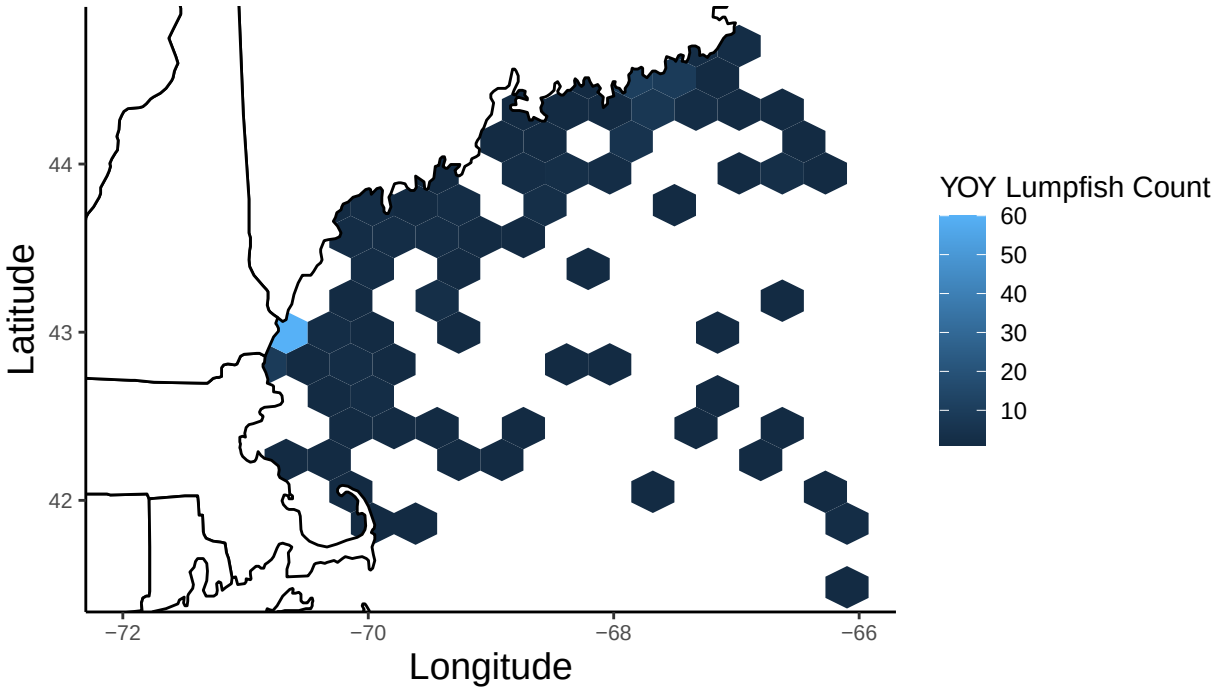

Figure 11: Distribution of YOY Lumpfish

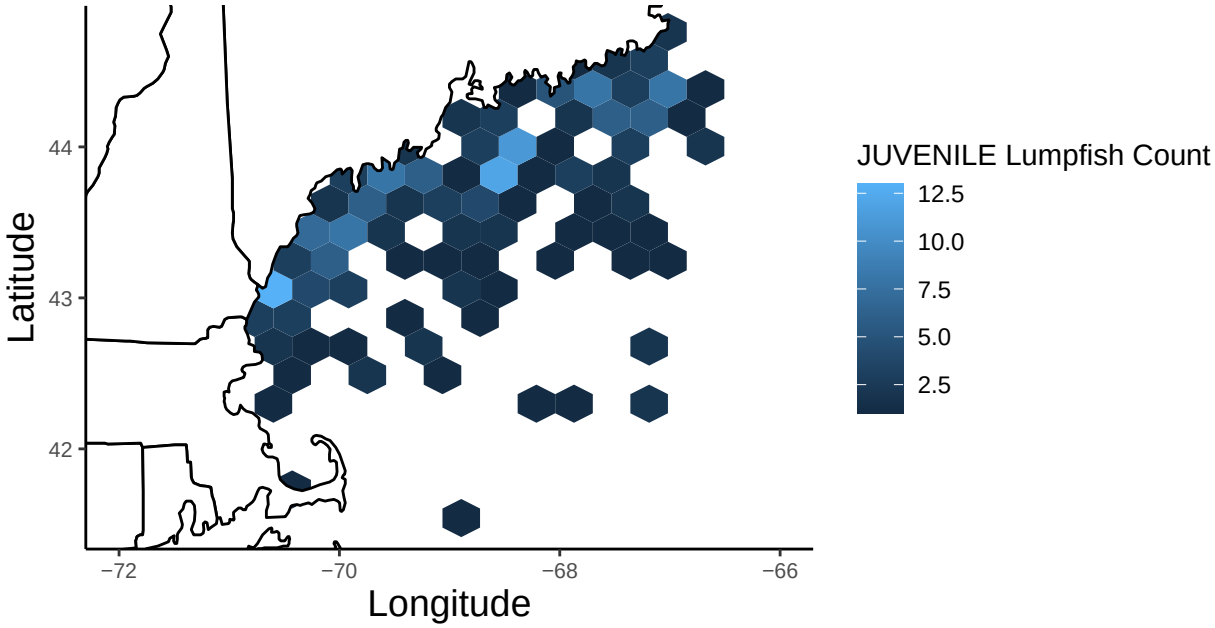

Figure 12: Distribution of Juvenile Lumpfish

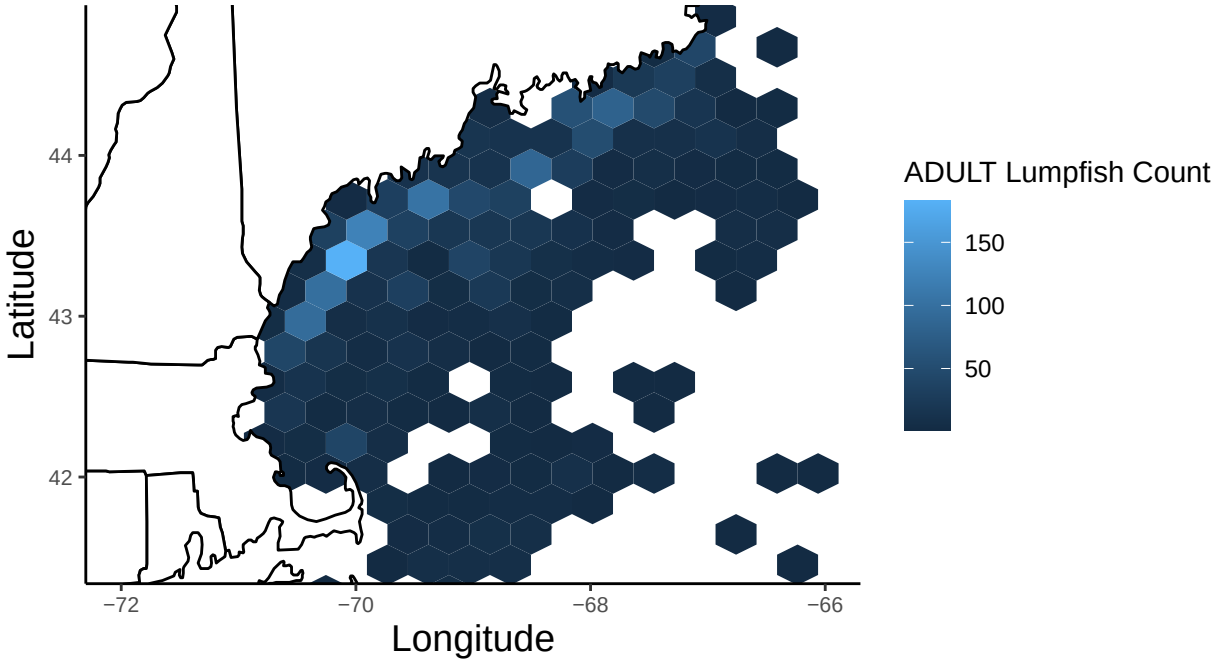

Figure 13: Distribution of Adult Lumpfish