North West Region
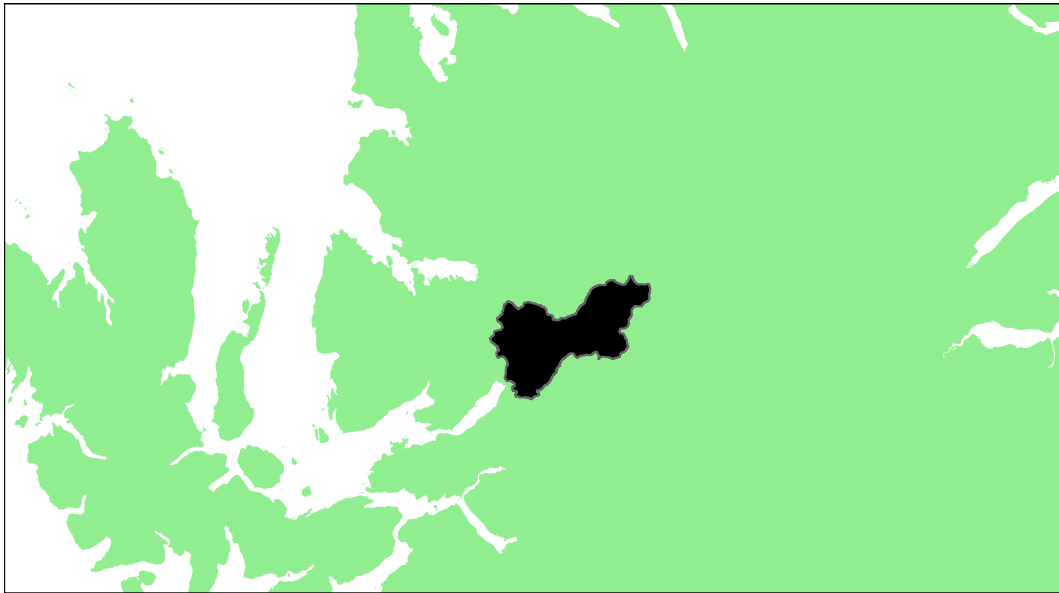
Kyle of Lochalsh to Ardnamurchan

River Carron (Strathcarron): Grade 2
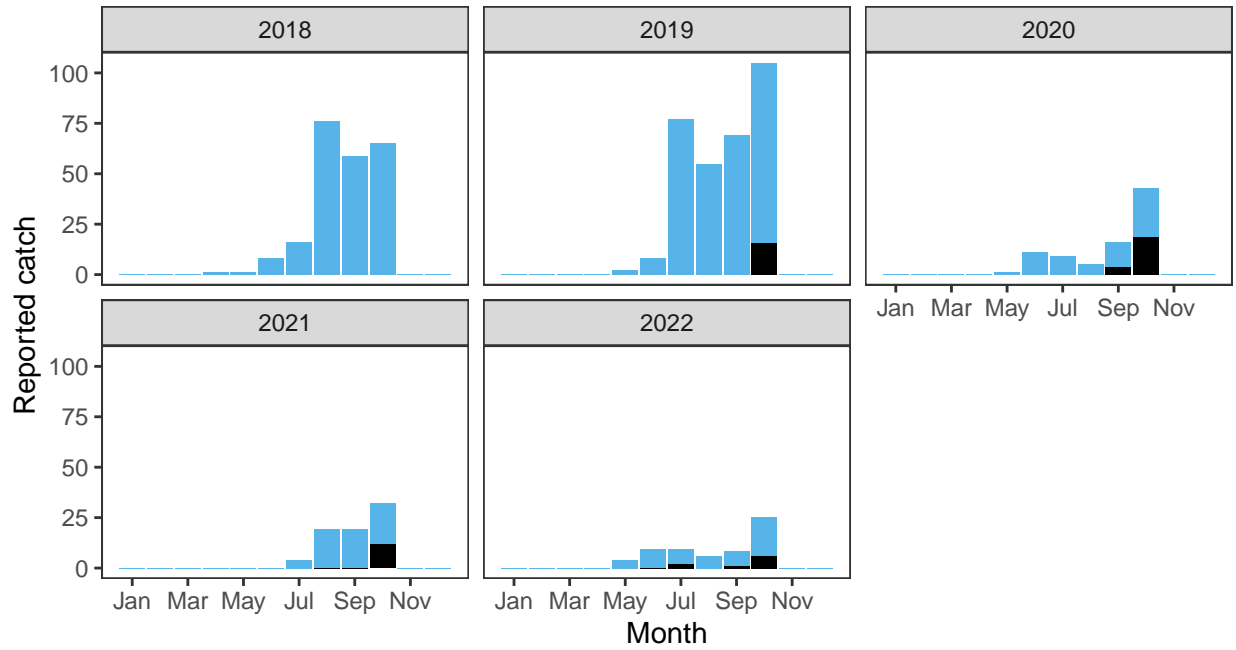

Summary Table

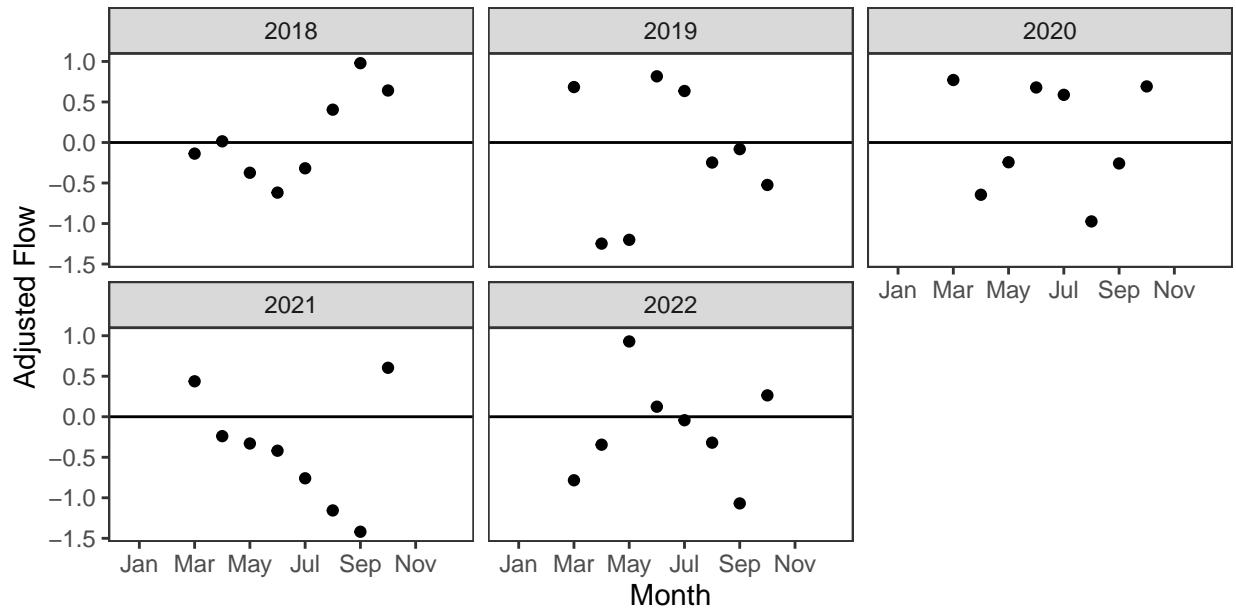| Eggs required (m²)ᵃ | Area (m²)ᵃ | Total egg requirementᵃ | Percentage chance meeting requirement | | | | | | Grade |
			2018	2019	2020	2021	2022	Overall	
1.87	580,000	1,082,000	79.2	88.87	56.92	41.41	44.15	0.6211	2

ᵃ Figures presented are median values

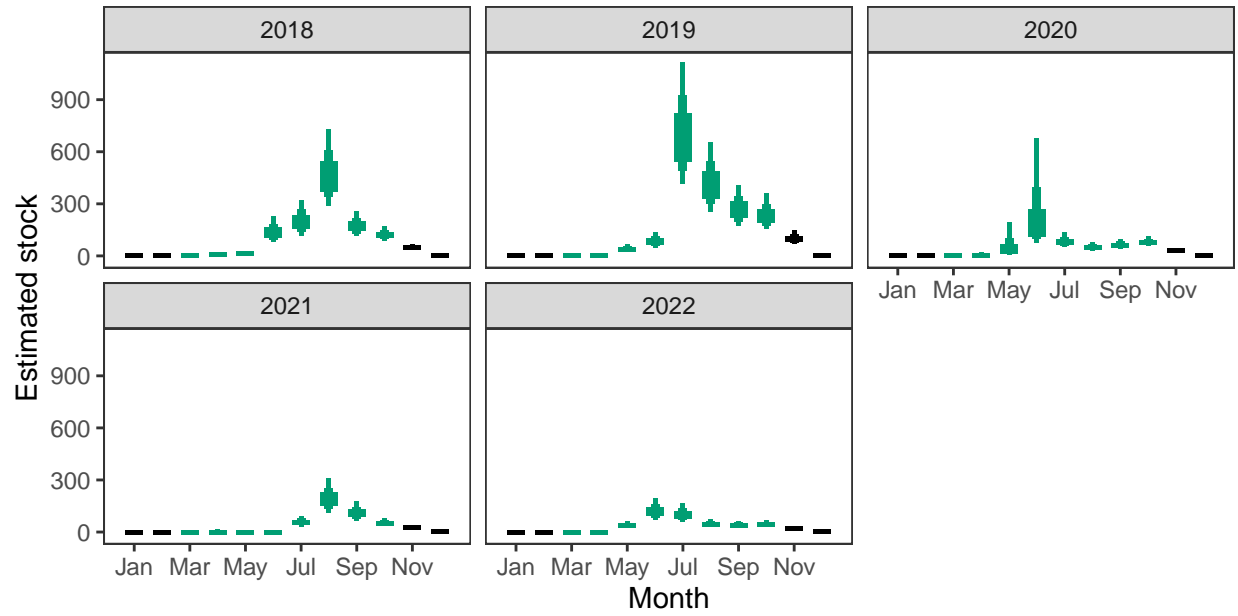# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
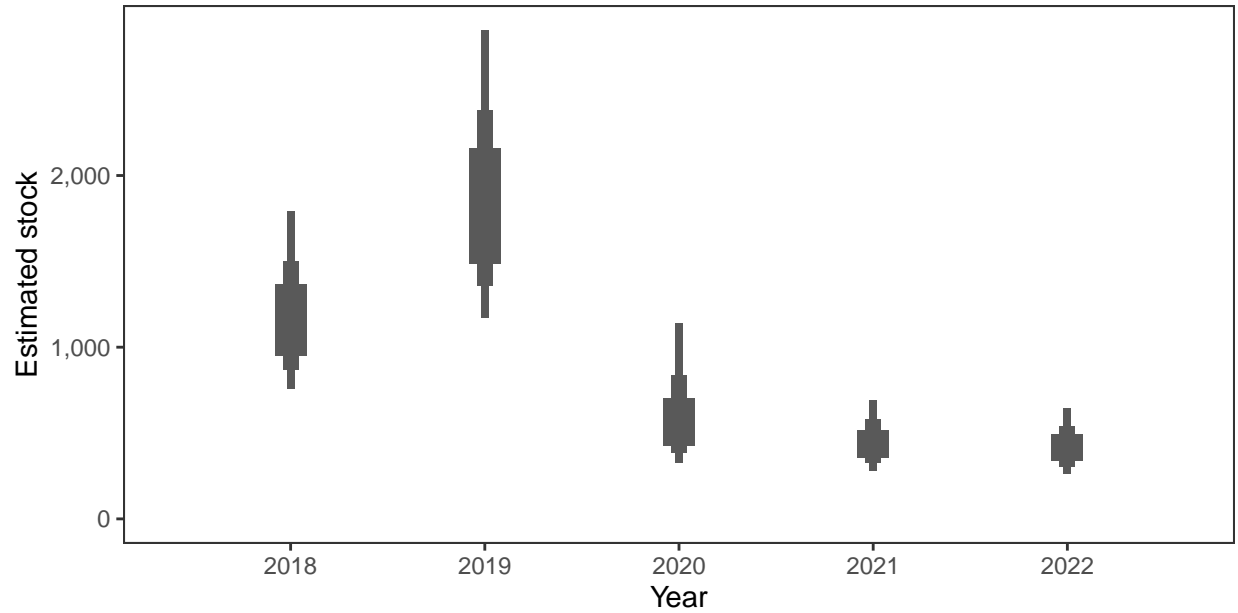

Monthly flow data

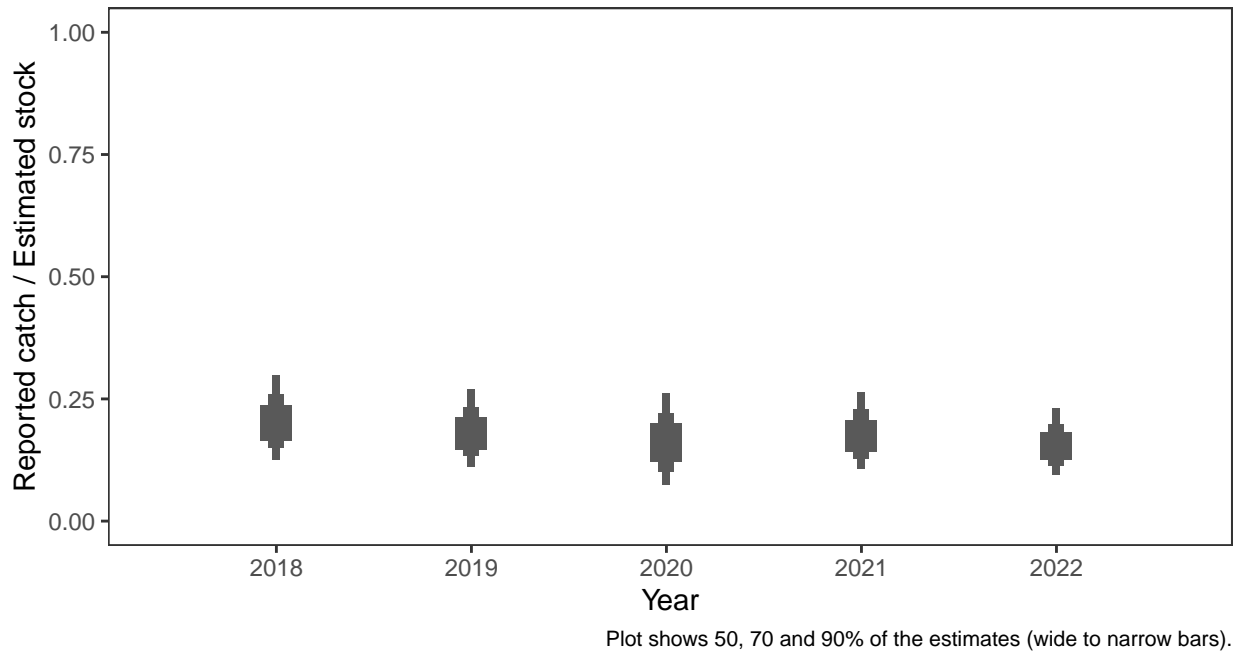## Monthly stock estimates (out of season in black)

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
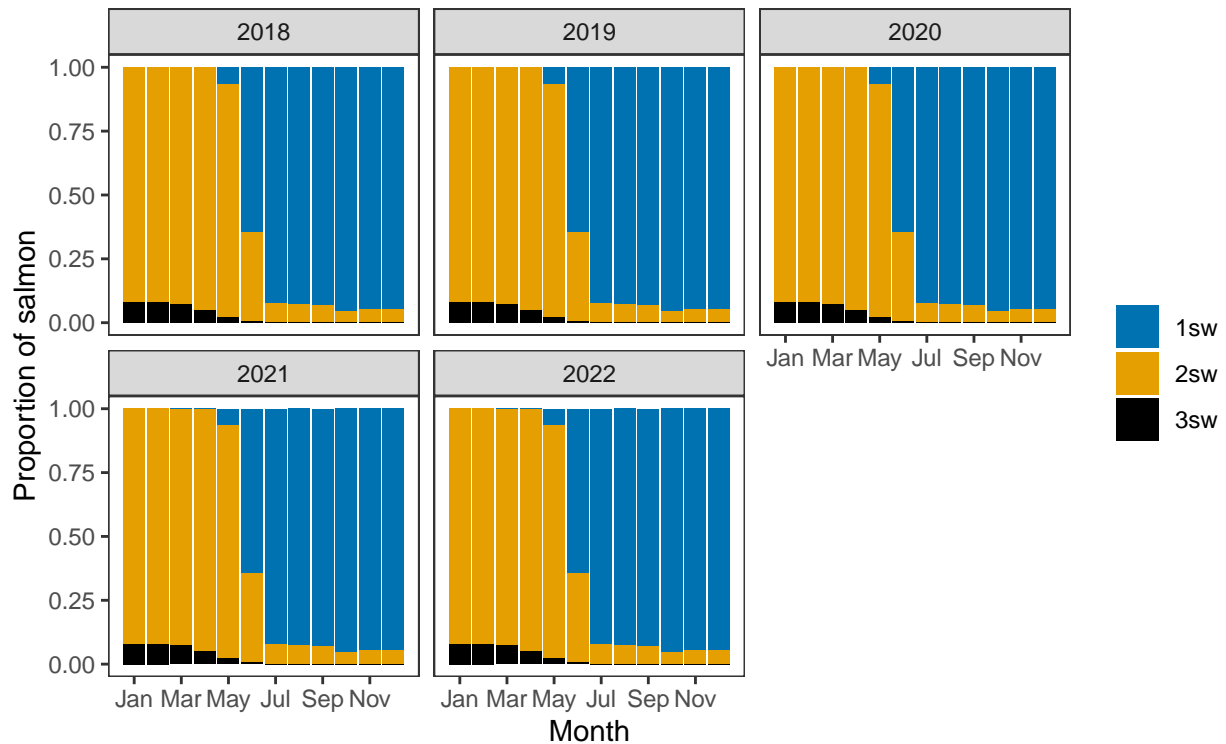
Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

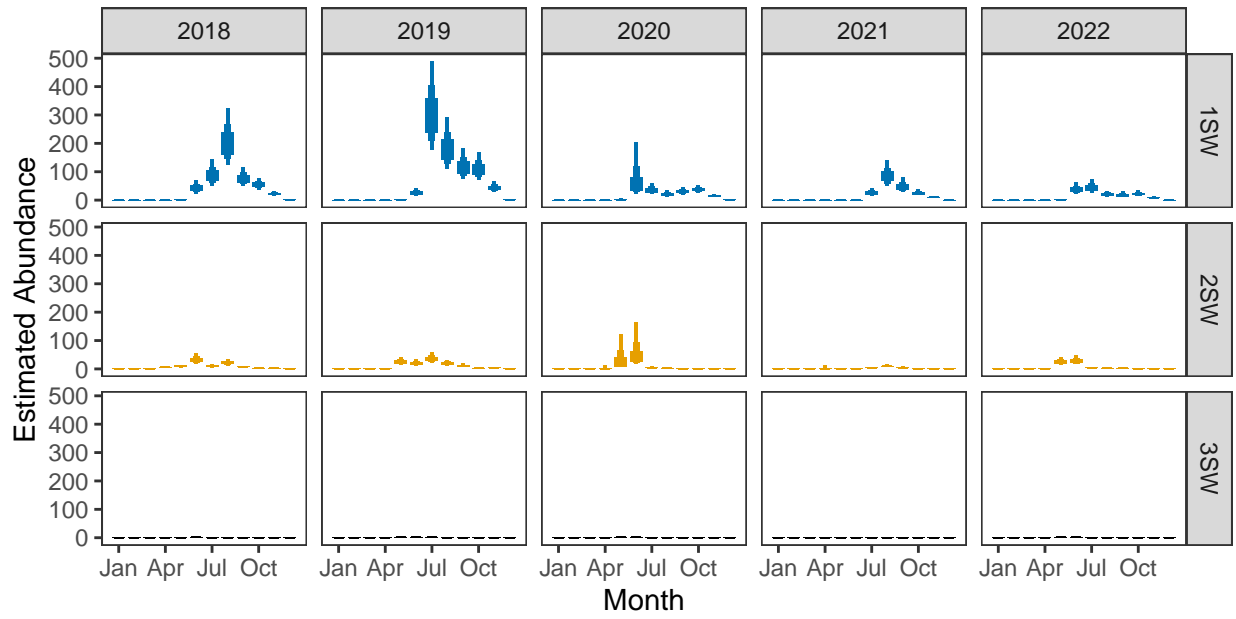*Annual catch as a proportion of stock*

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
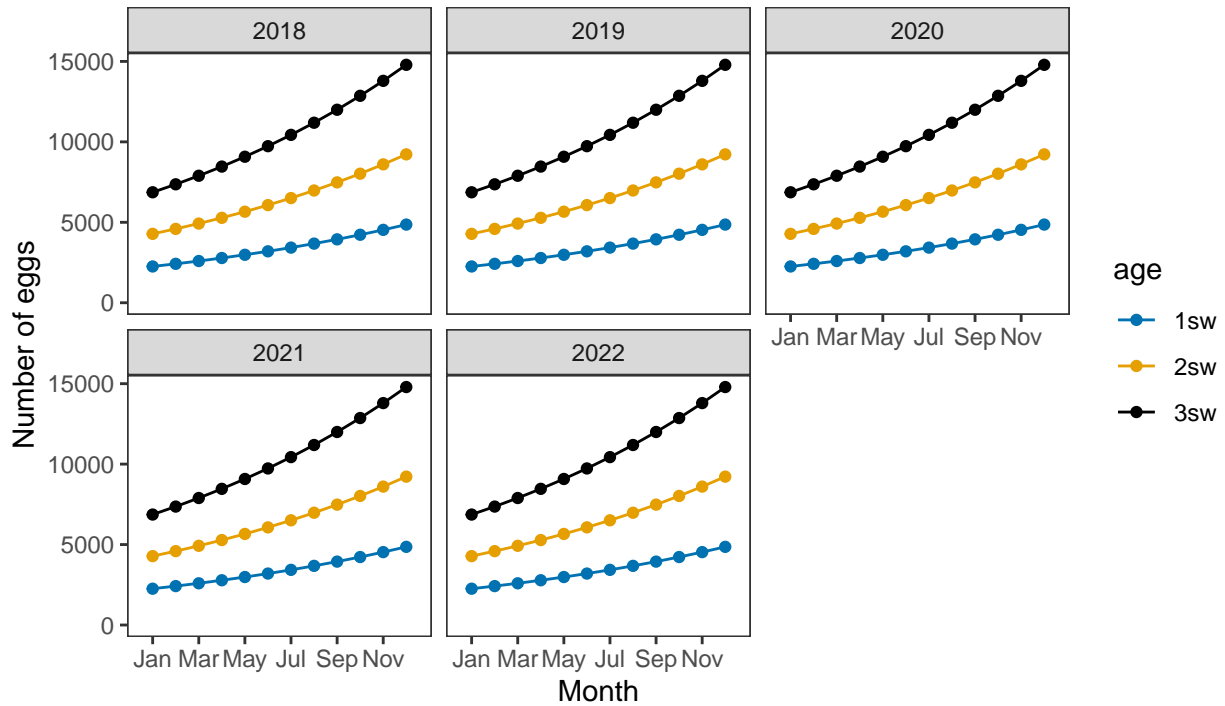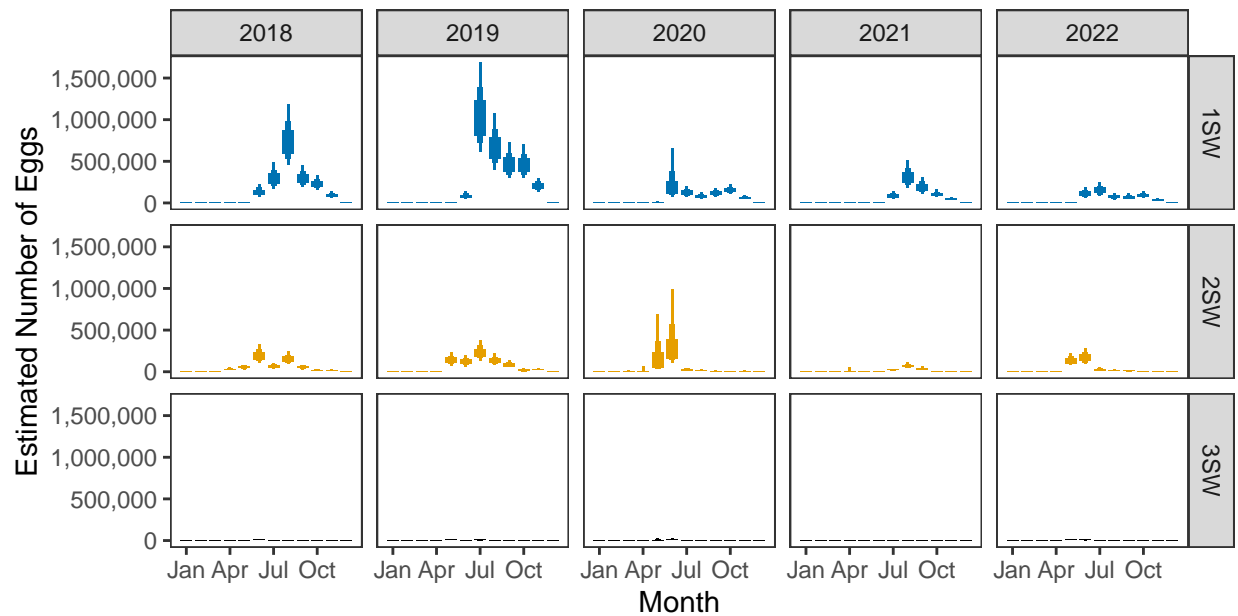
Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

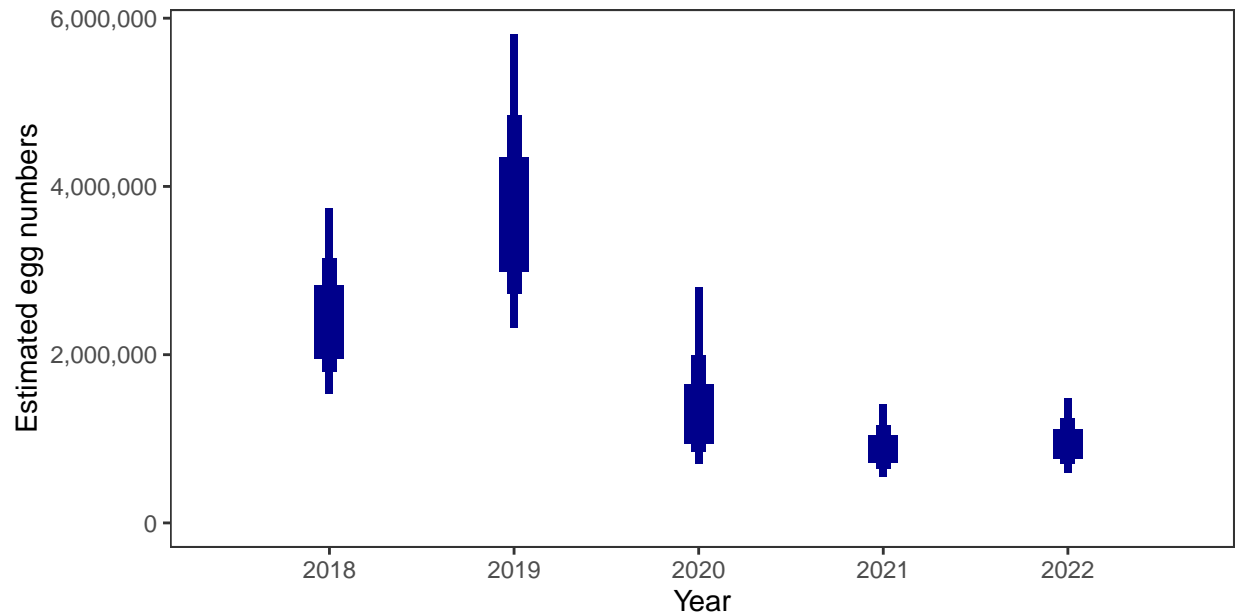*Egg contents of females*

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

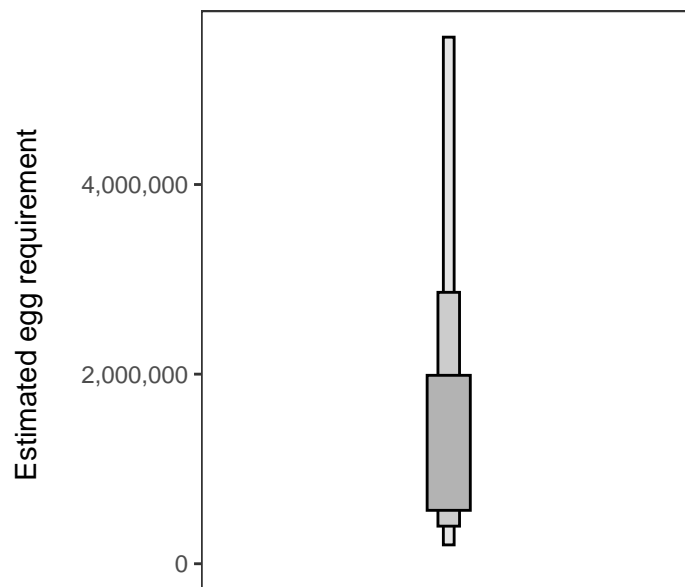Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	79.20
2019	88.87
2020	56.92
2021	41.41
2022	44.15

4. Egg requirement

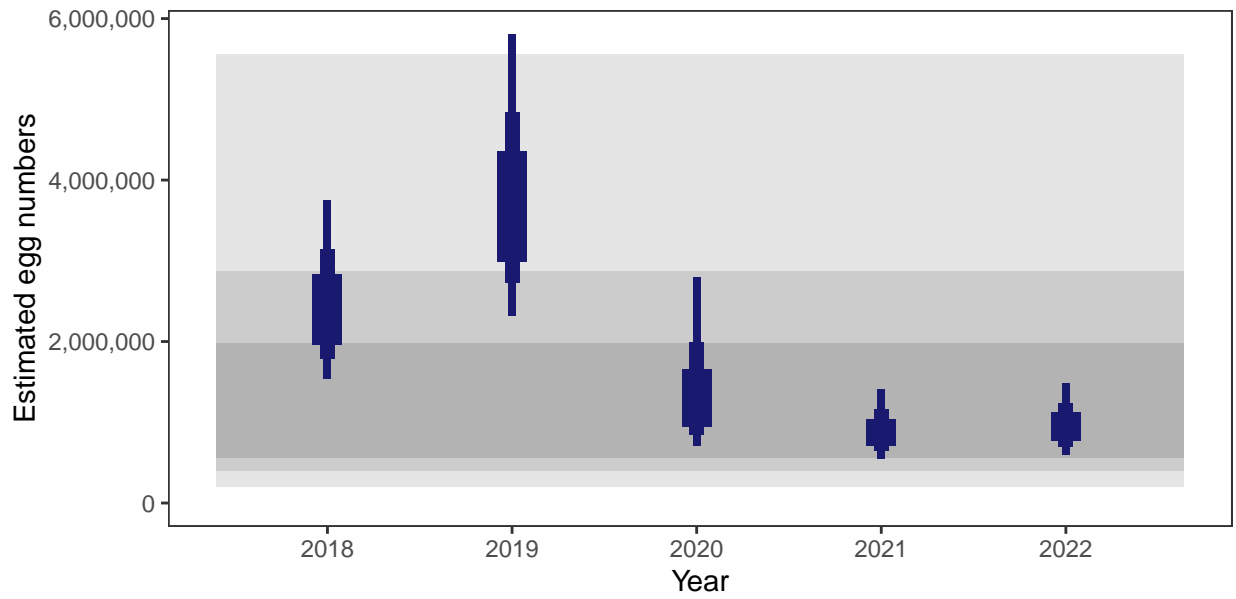### *Areas of salmon habitat in square meters*

There is an estimated 590,358 square meters of known salmon habitat in the River Carron (Strath-carron) and a further 138,474 square meters where salmon may be present.
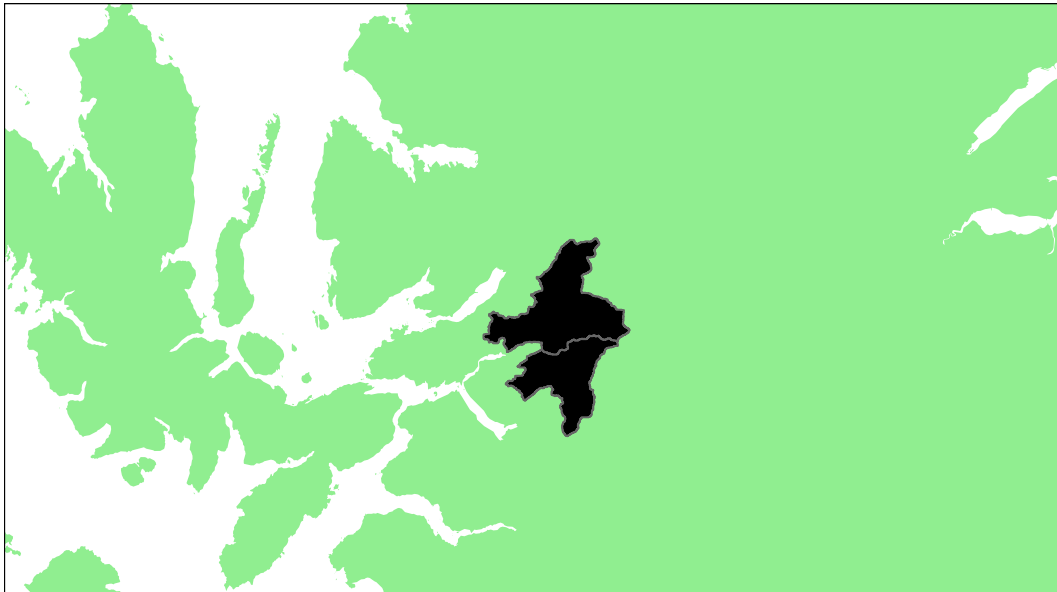
Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
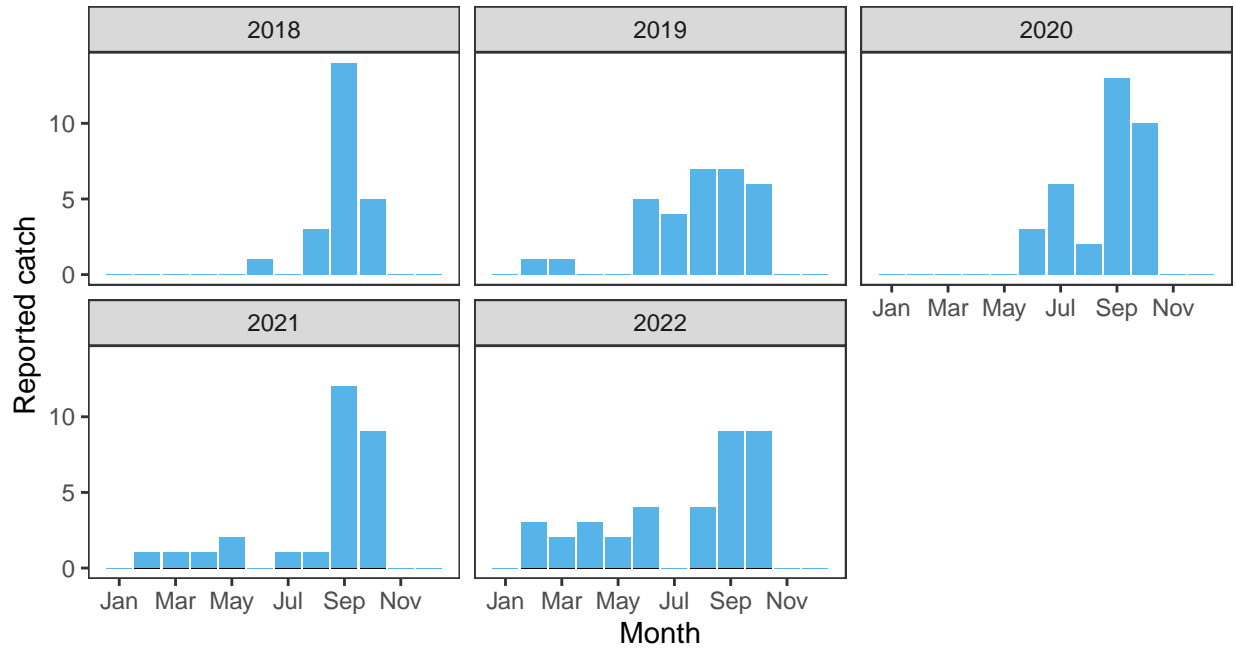
Ling and Elchaig: Grade 3

Summary Table

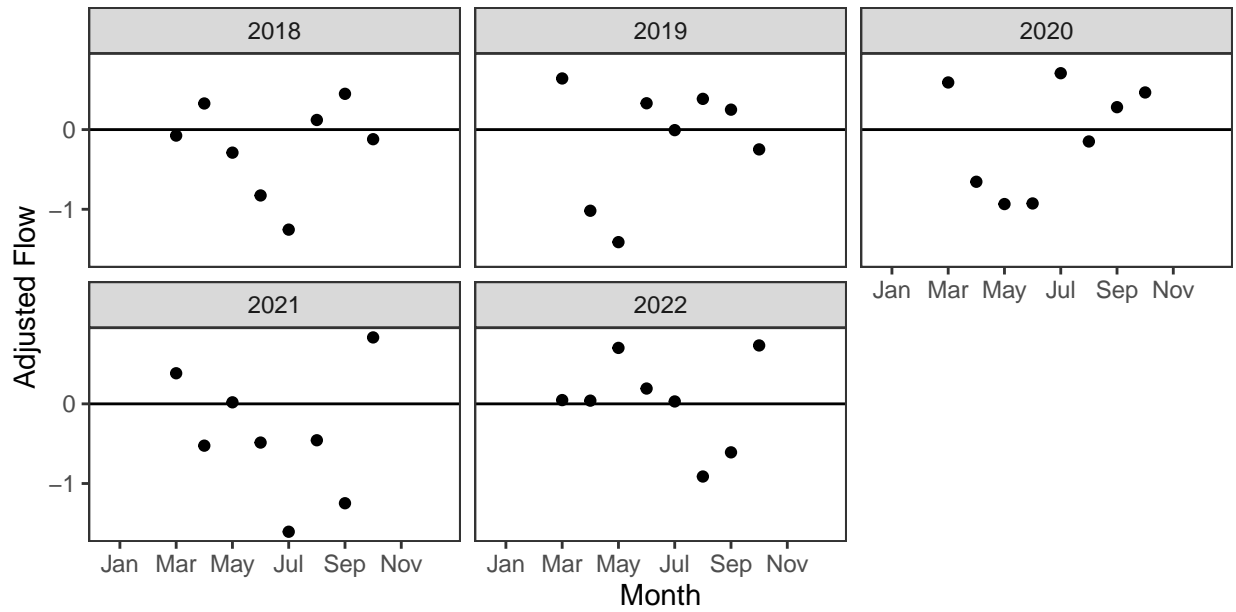| Eggs required $(m^2)^a$	Area $(m^2)^a$	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
1.55	410,000	638,000	16.09	35.99	46.46	34.36	46.28	0.35836	3

[a] Figures presented are median values

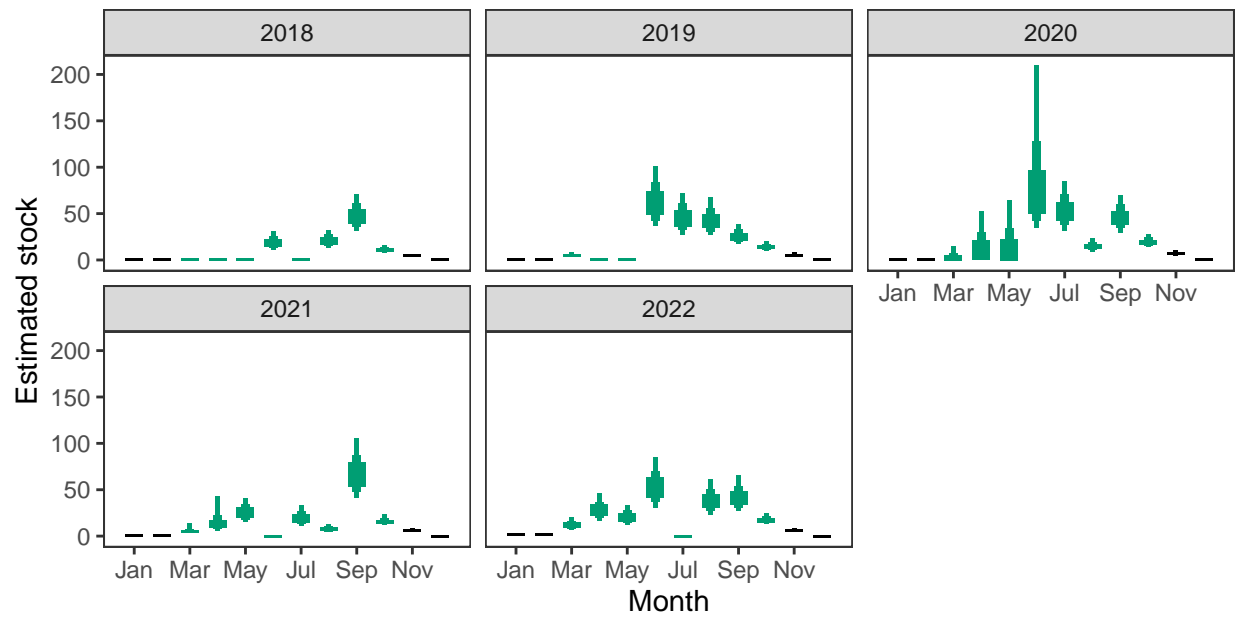# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
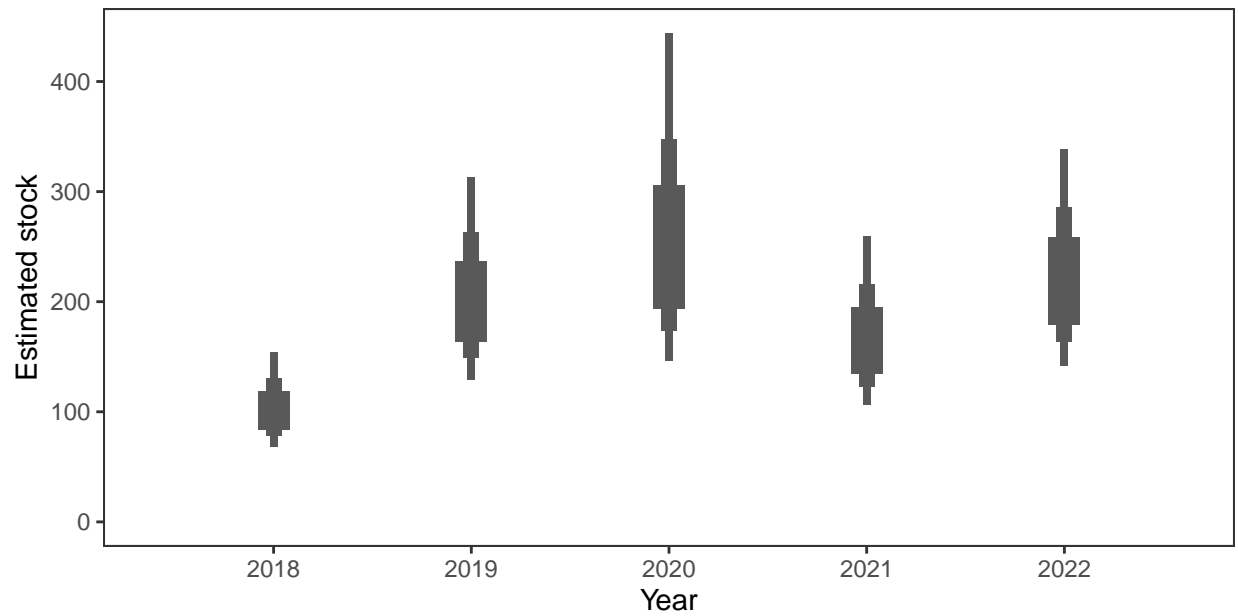

Monthly flow data

Monthly stock estimates (out of season in black)
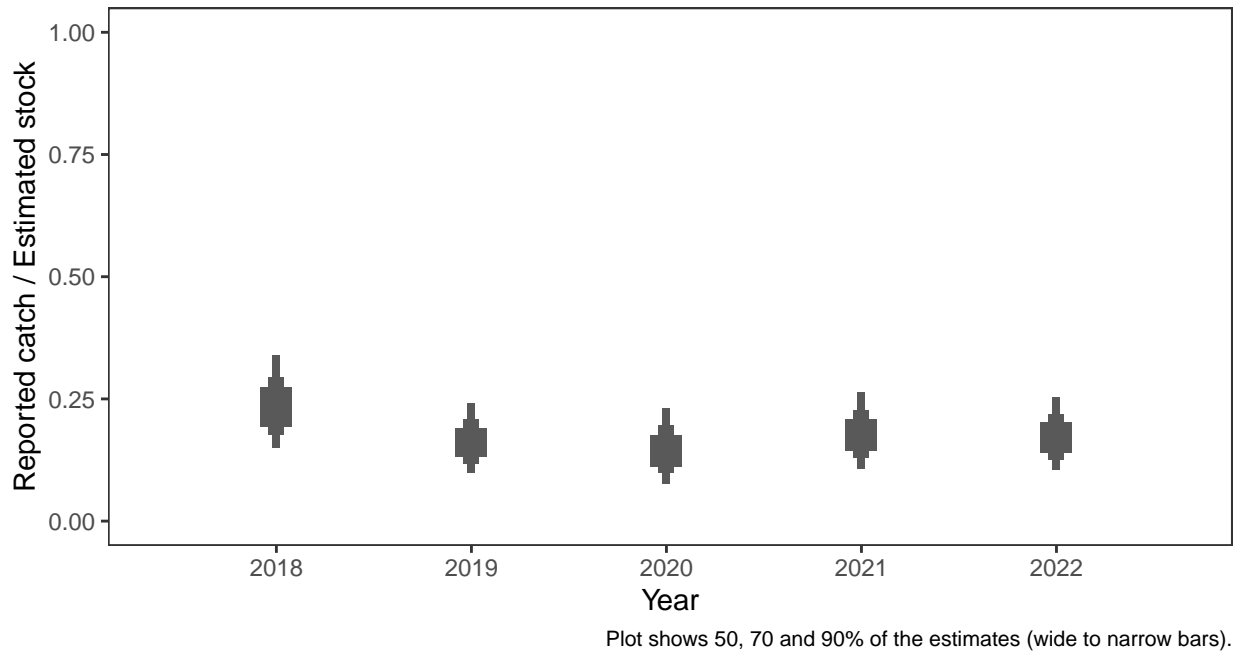

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
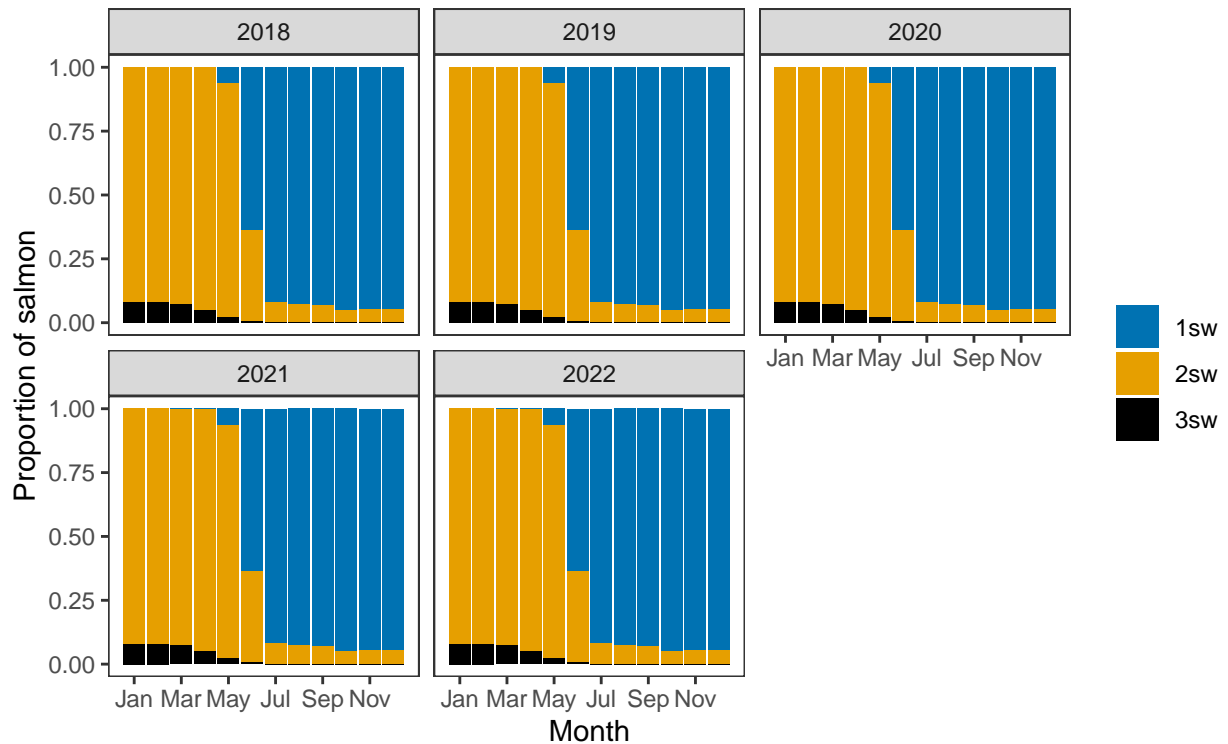
Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
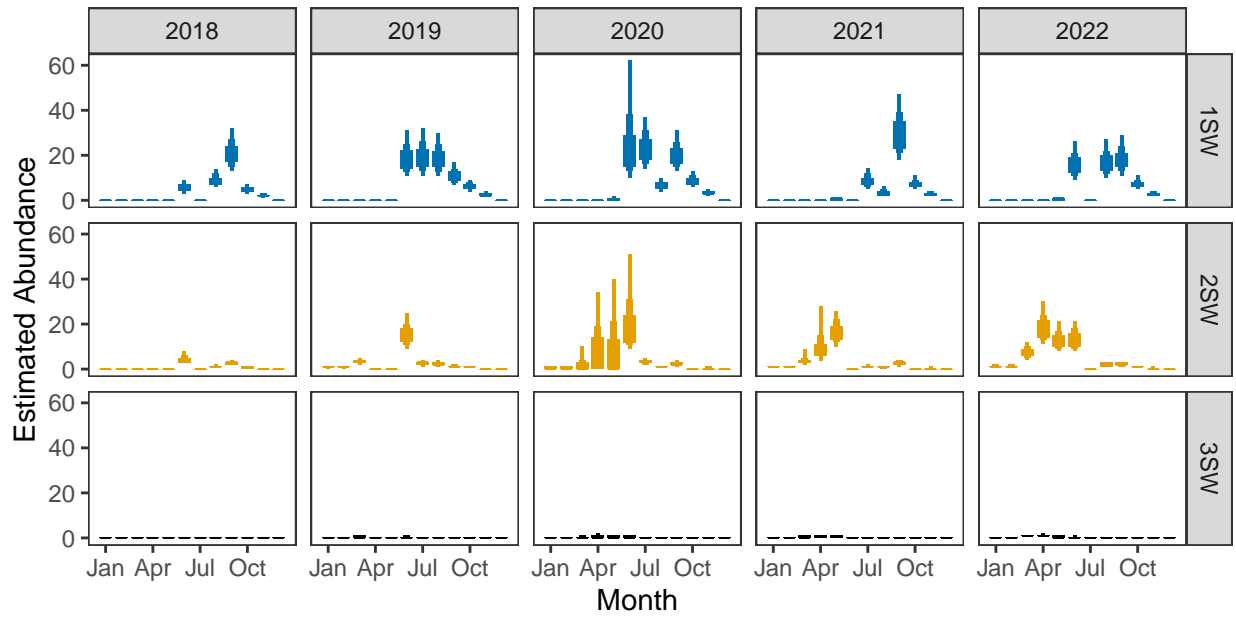
Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
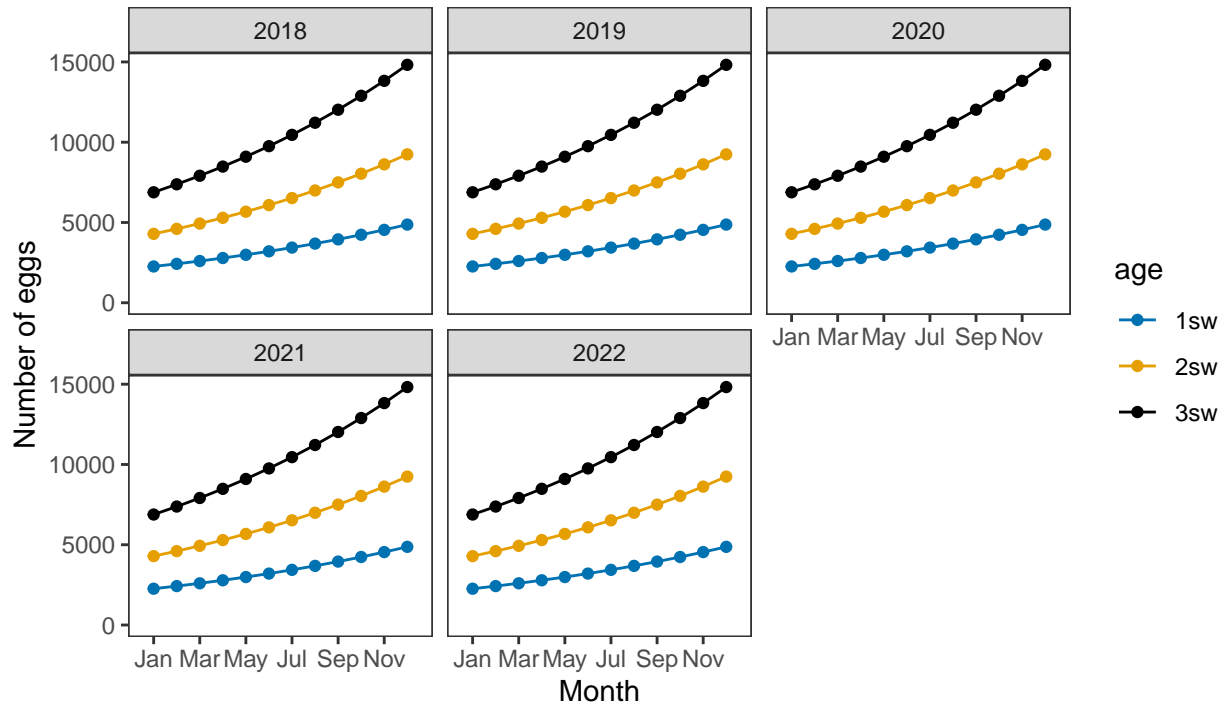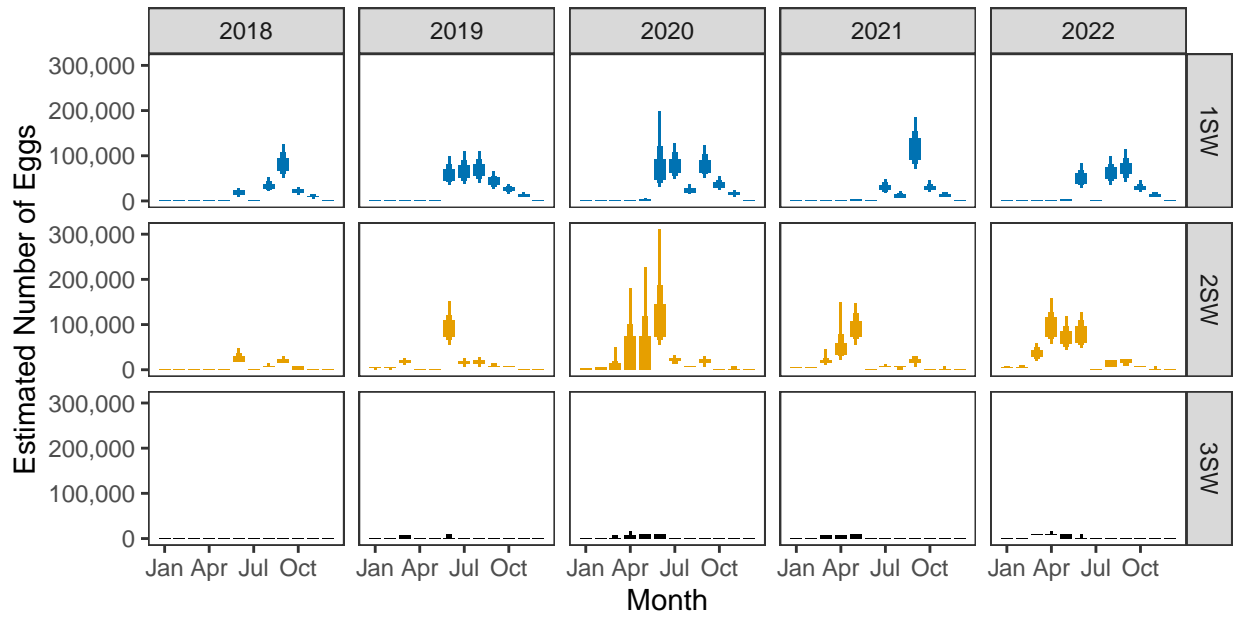
Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

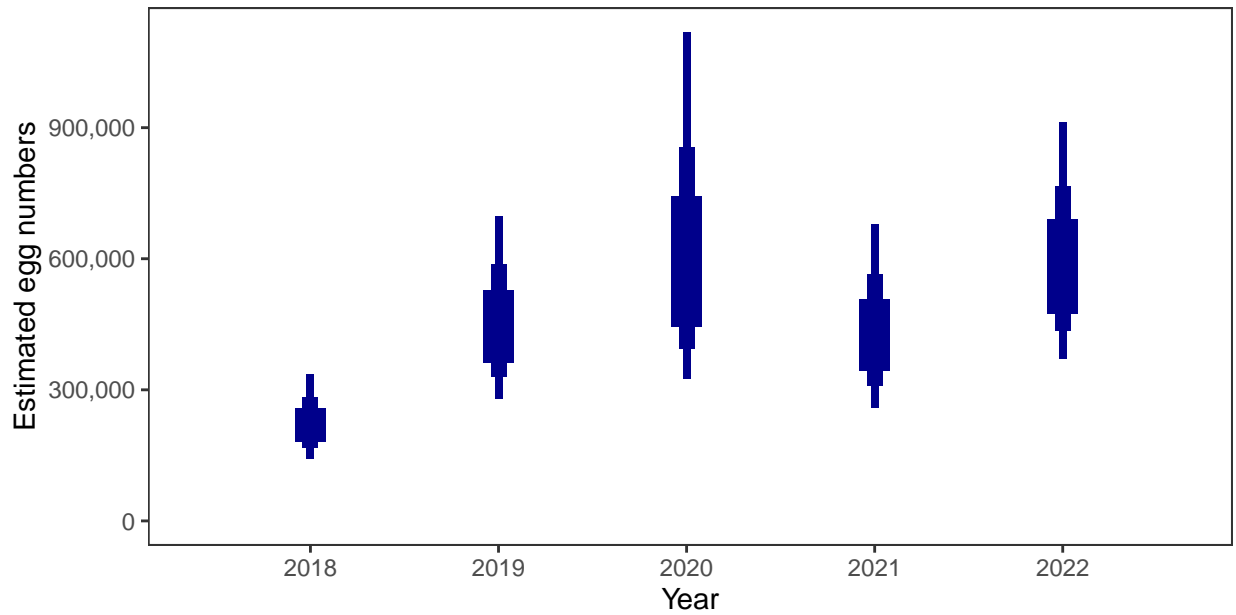*Egg contents of females*

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

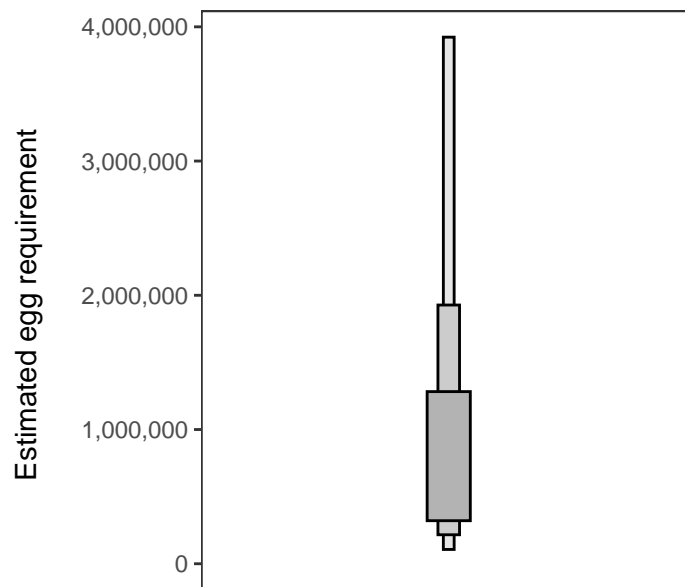Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	16.09
2019	35.99
2020	46.46
2021	34.36
2022	46.28

4. Egg requirement

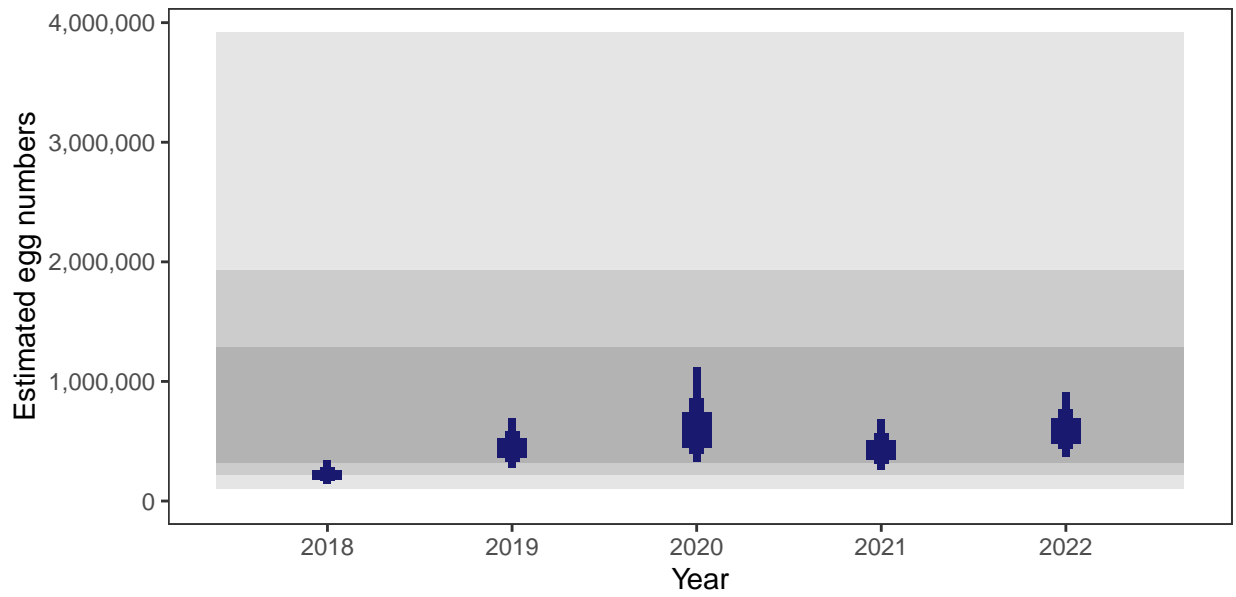### *Areas of salmon habitat in square meters*

There is an estimated 423,681 square meters of known salmon habitat in the Ling and Elchaig and a further 82,790 square meters where salmon may be present.

Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
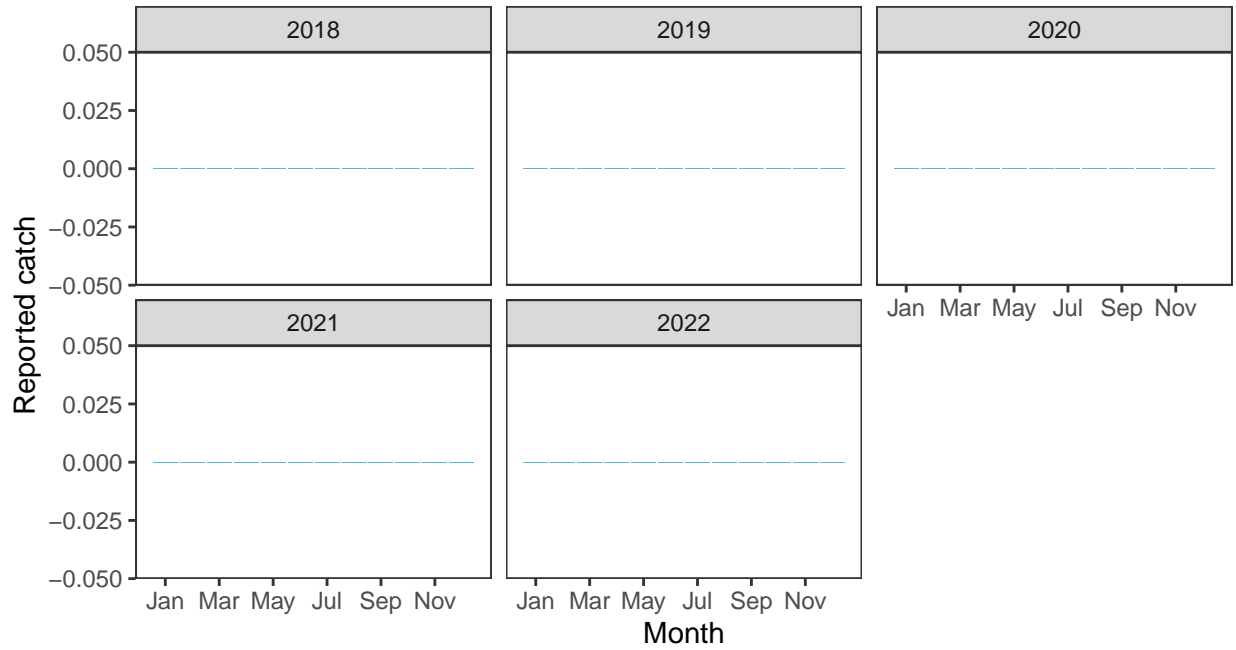
River Shiel (Shiel Bridge): Grade 3

Summary Table

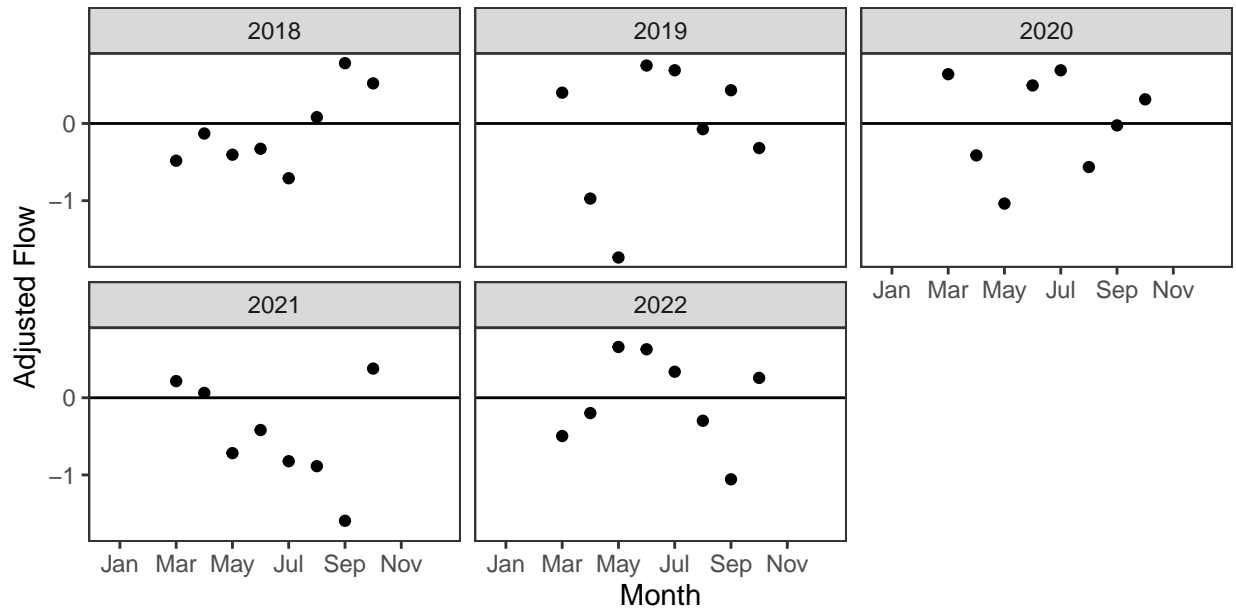| Eggs required (m²)ᵃ | Area (m²)ᵃ | Total egg requirementᵃ | Percentage chance meeting requirement | | | | | | Grade |
			2018	2019	2020	2021	2022	Overall	
1.53	142,000	217,000	0	0	0.06	0.01	0	0.00014	3

ᵃ Figures presented are median values

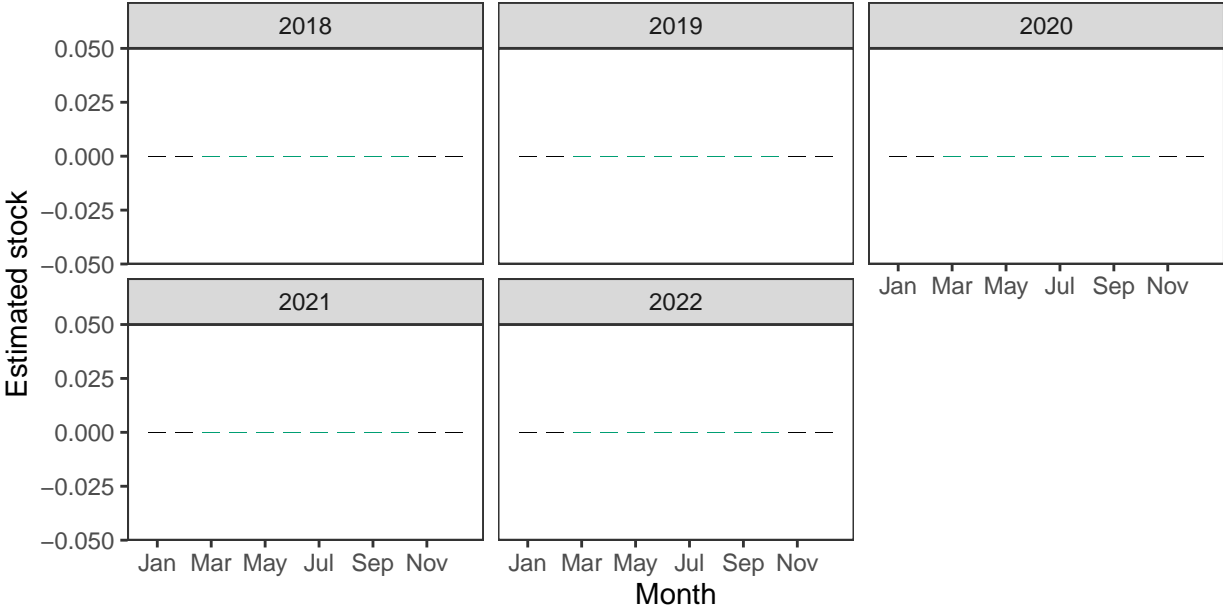# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
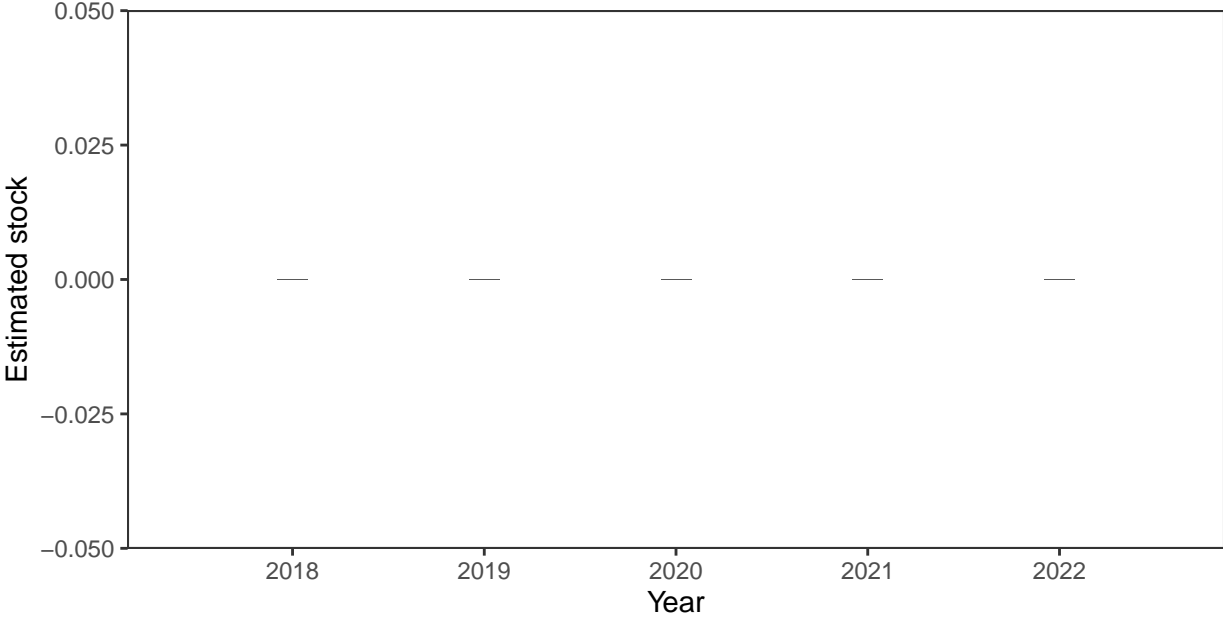

Monthly flow data

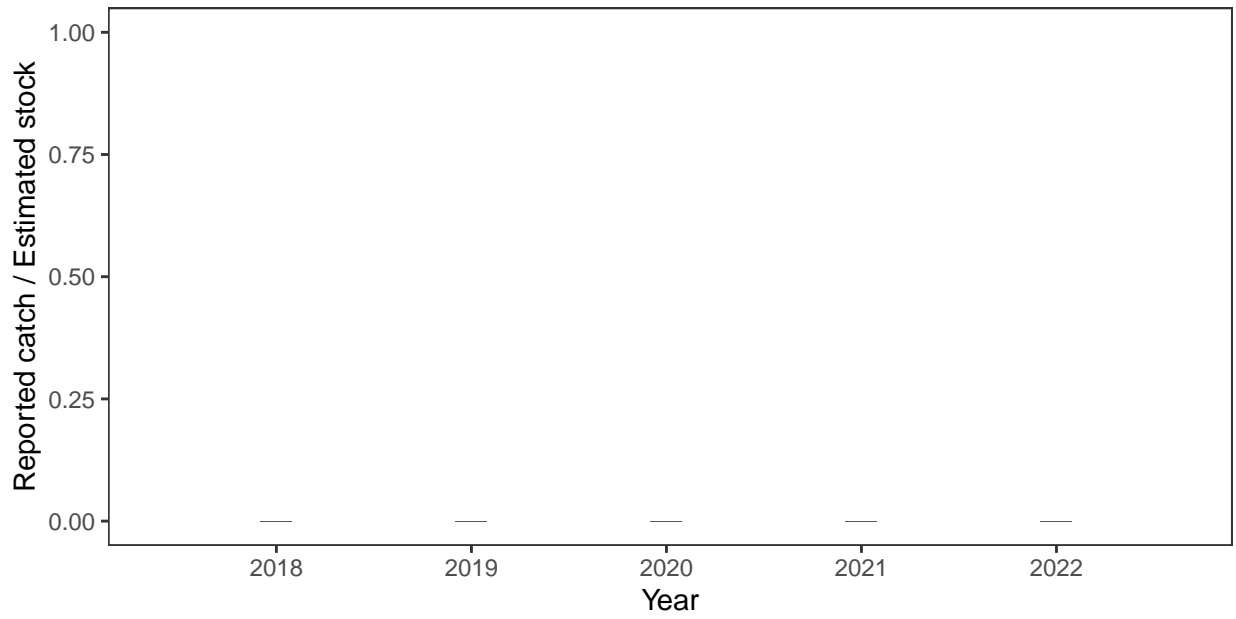## *Monthly stock estimates (out of season in black)*

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
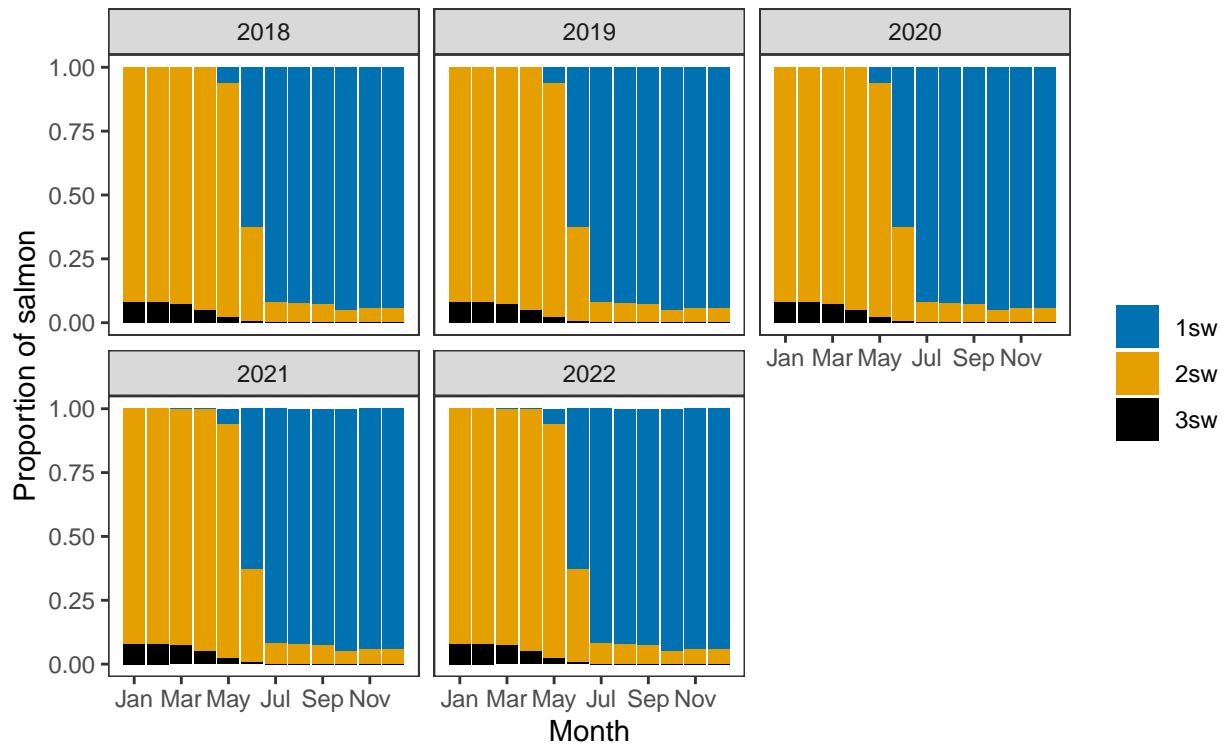
Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
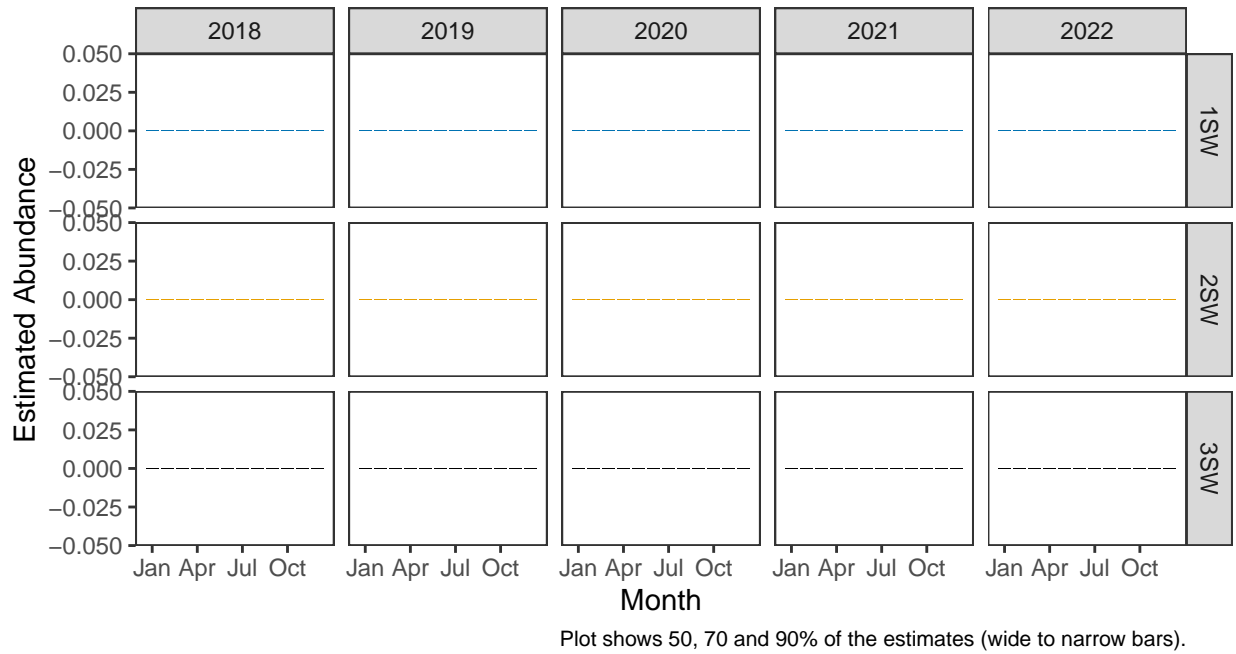
Annual catch as a proportion of stock

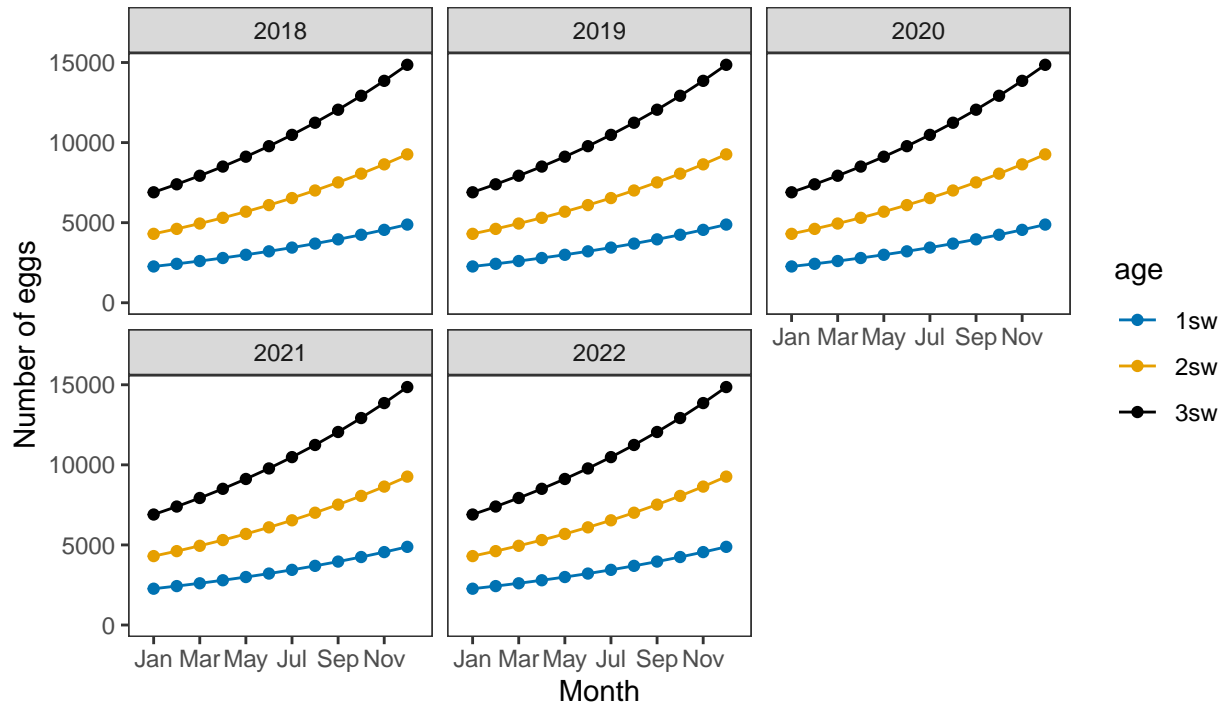## 2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

Monthly number of spawning females

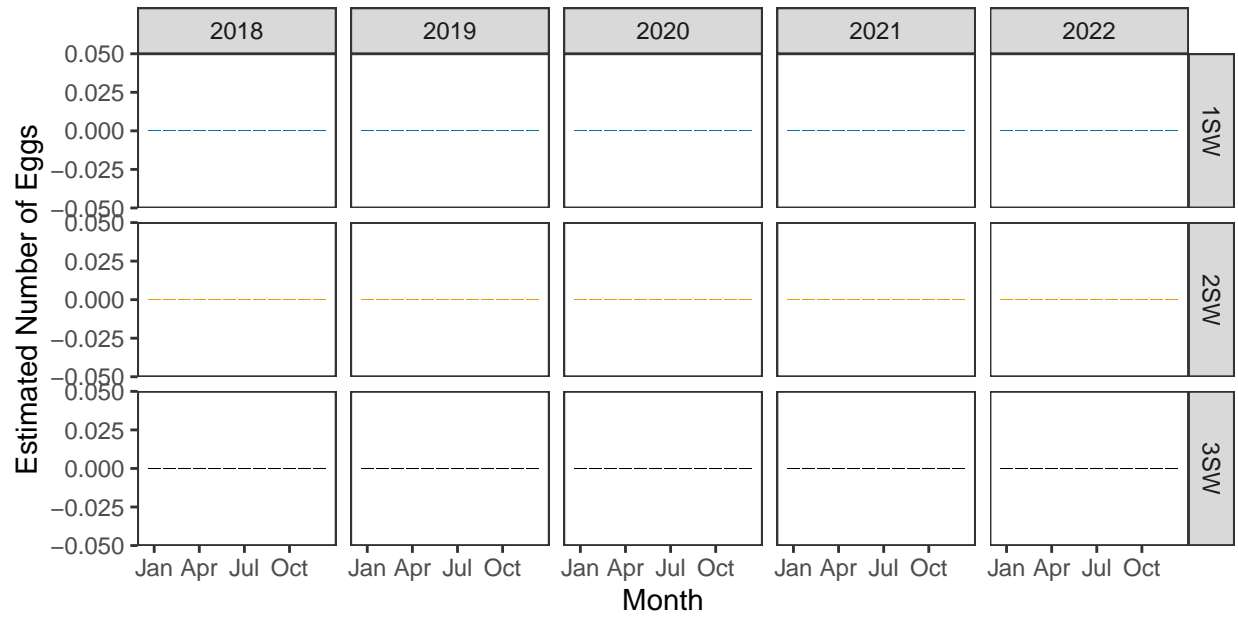Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

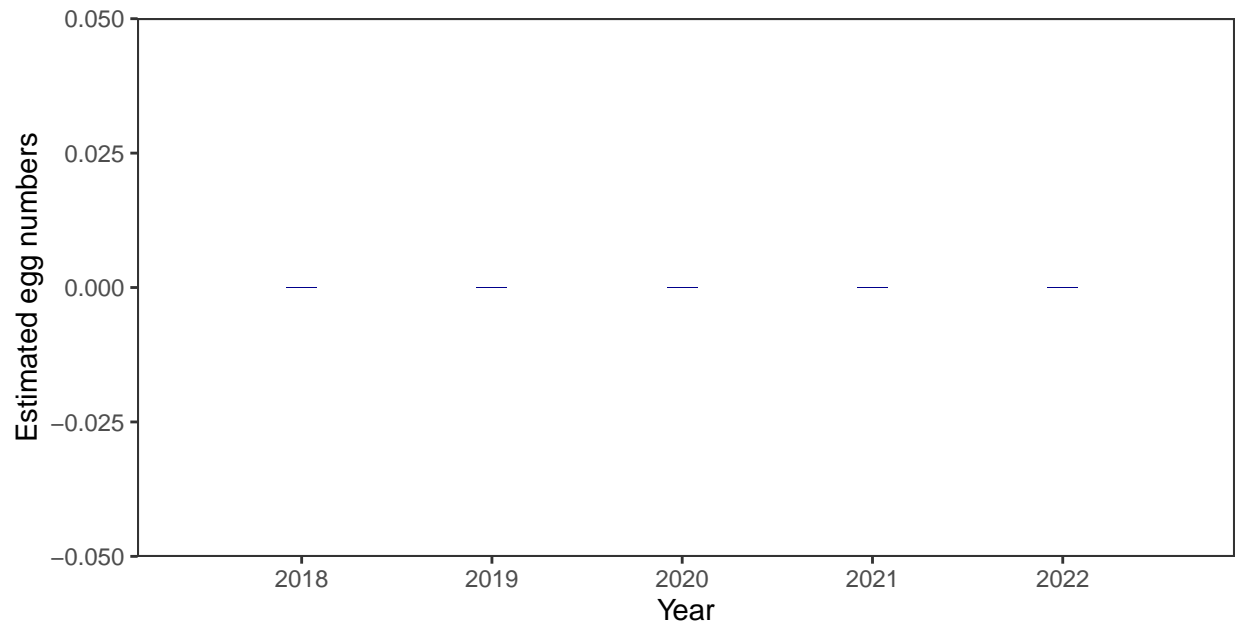*Egg contents of females*

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

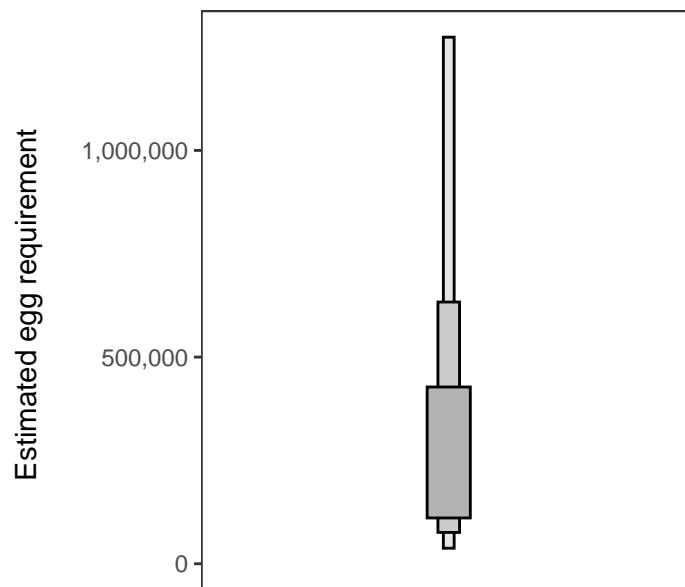Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	-
2019	-
2020	0.06
2021	0.01
2022	-

4. Egg requirement
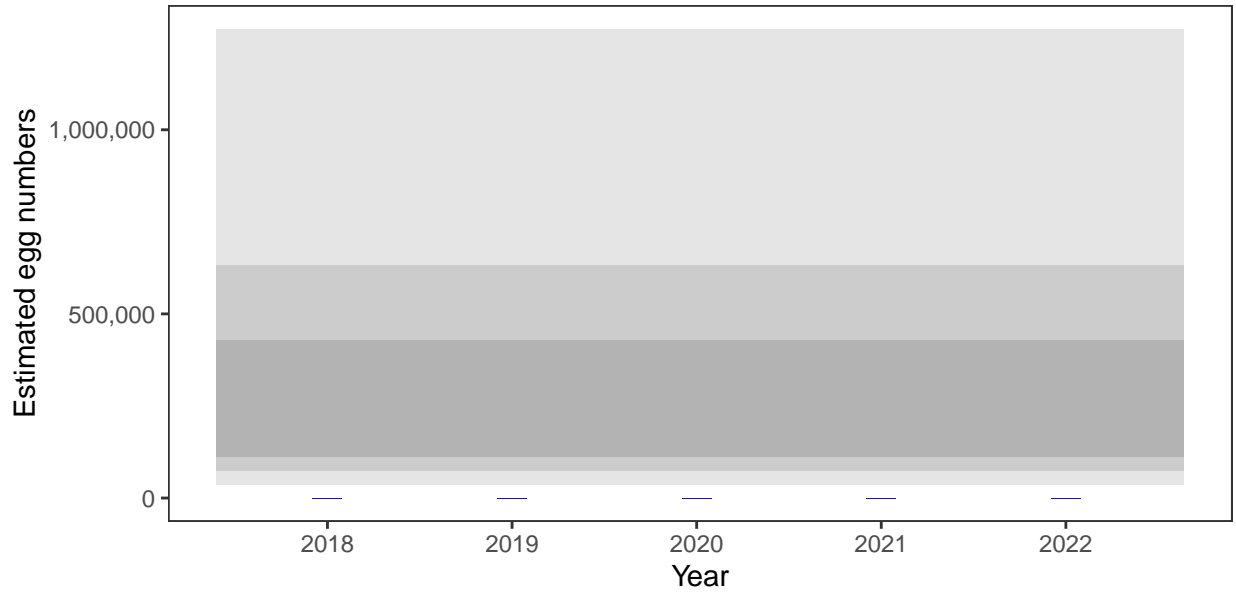
Areas of salmon habitat in square meters

There is an estimated 154,581 square meters of known salmon habitat in the River Shiel (Shiel Bridge) and a further 13,054 square meters where salmon may be present.
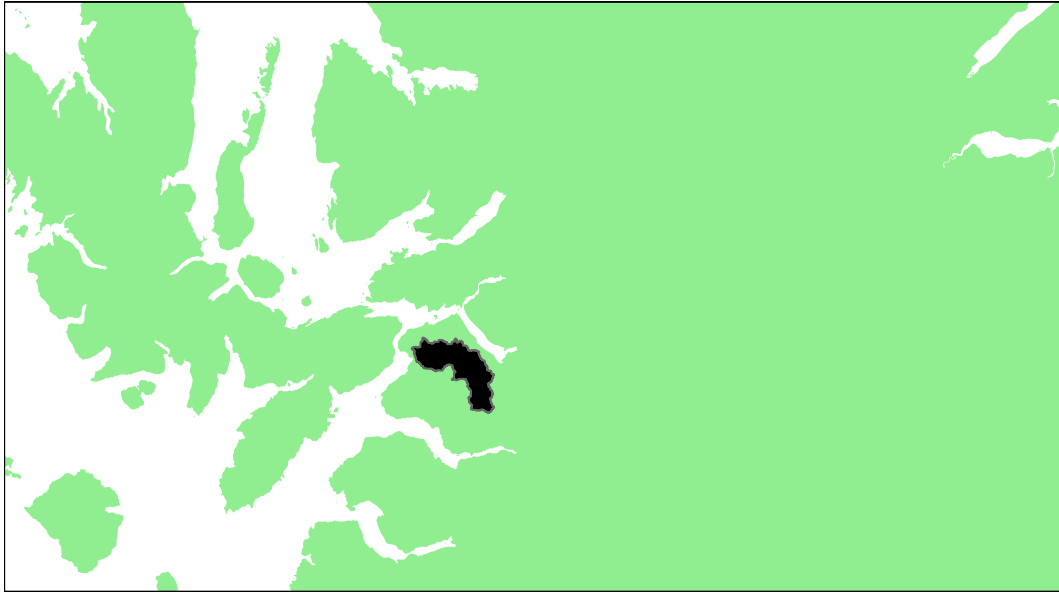
Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
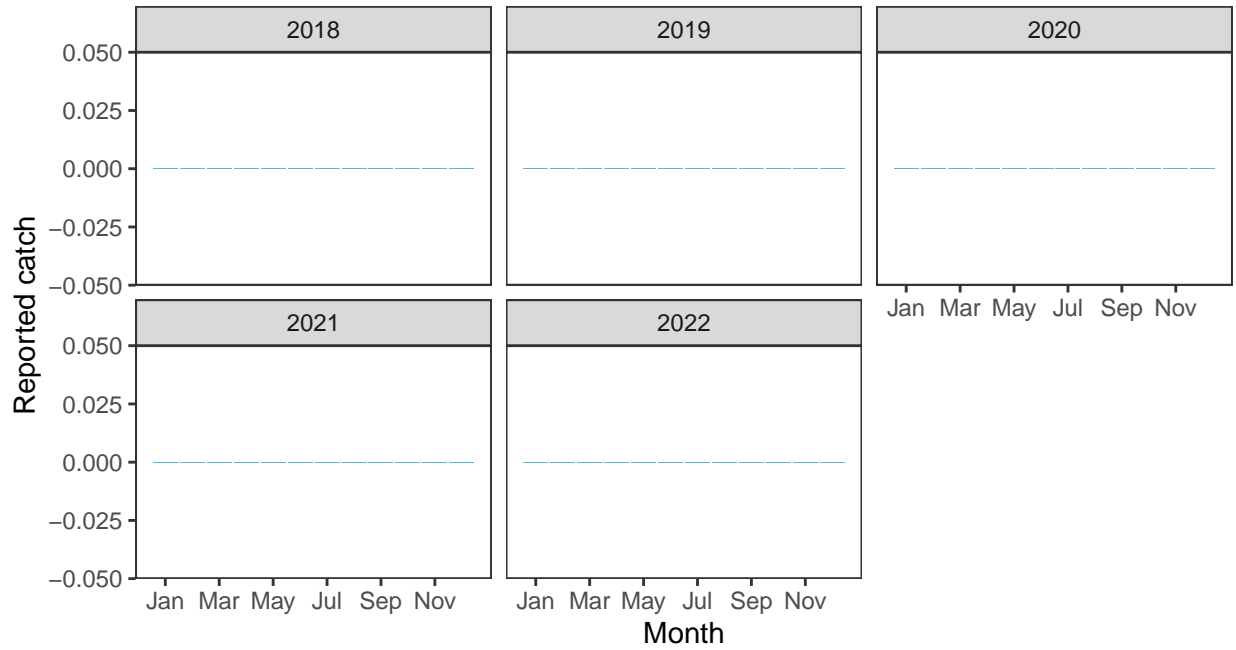
Glenmore River: Grade 3

Summary Table

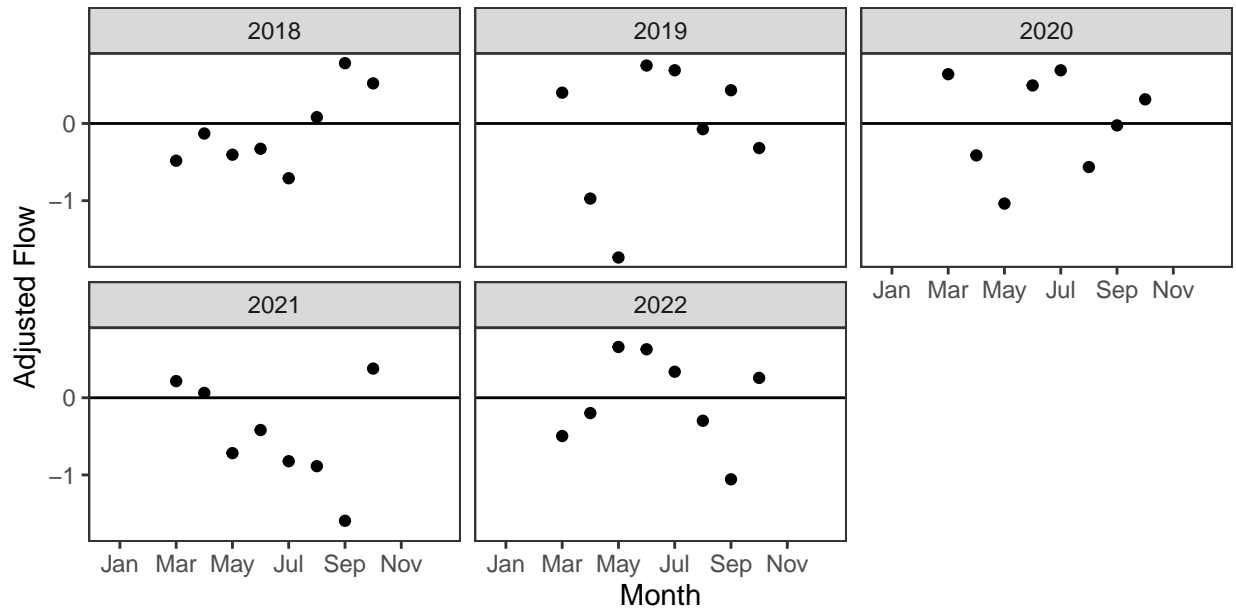| Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						
			2018	2019	2020	2021	2022	Overall	Grade
1.56	131,000	203,000	0	0	0.26	0.05	0	0.00062	3

[a] Figures presented are median values

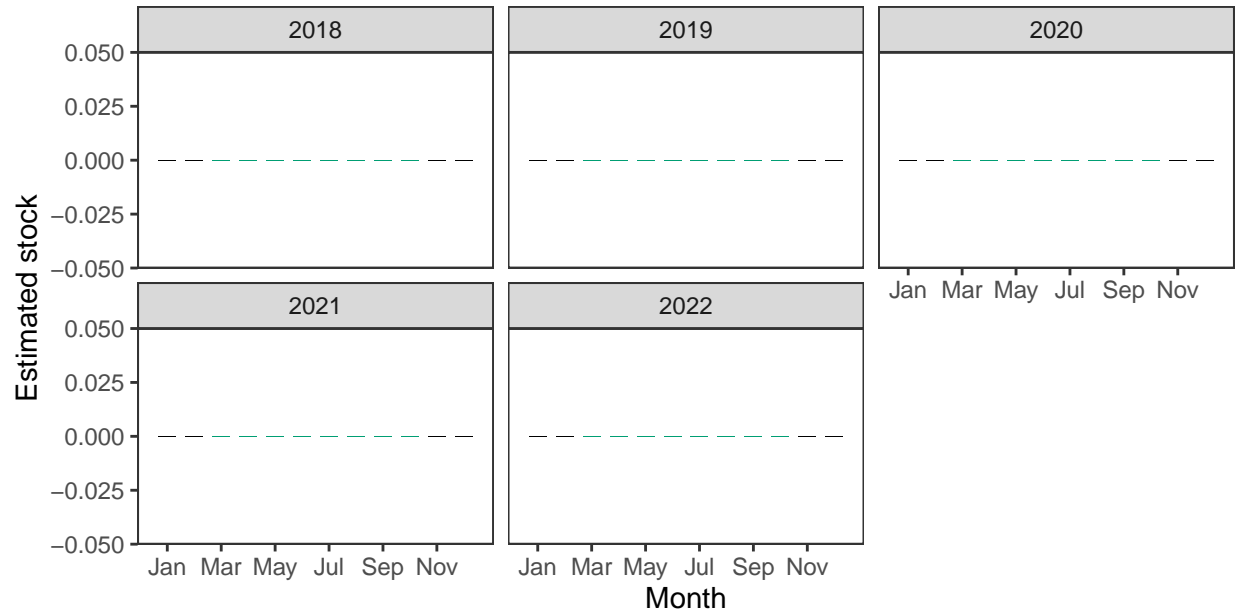# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
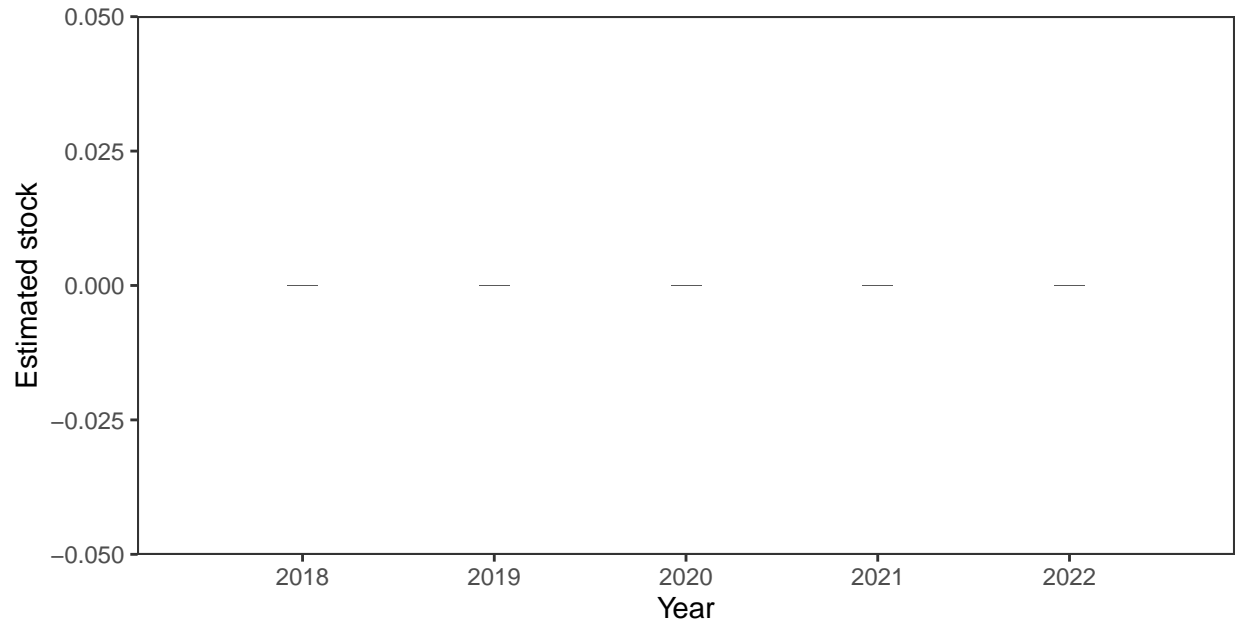

Monthly flow data

Monthly stock estimates (out of season in black)
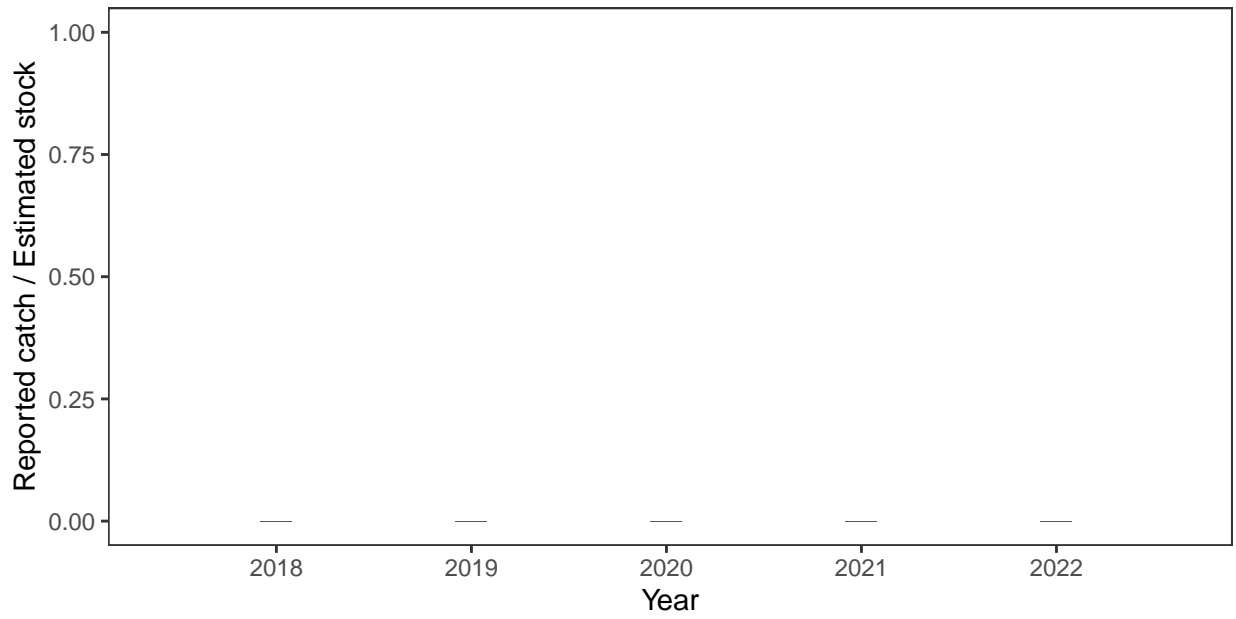

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
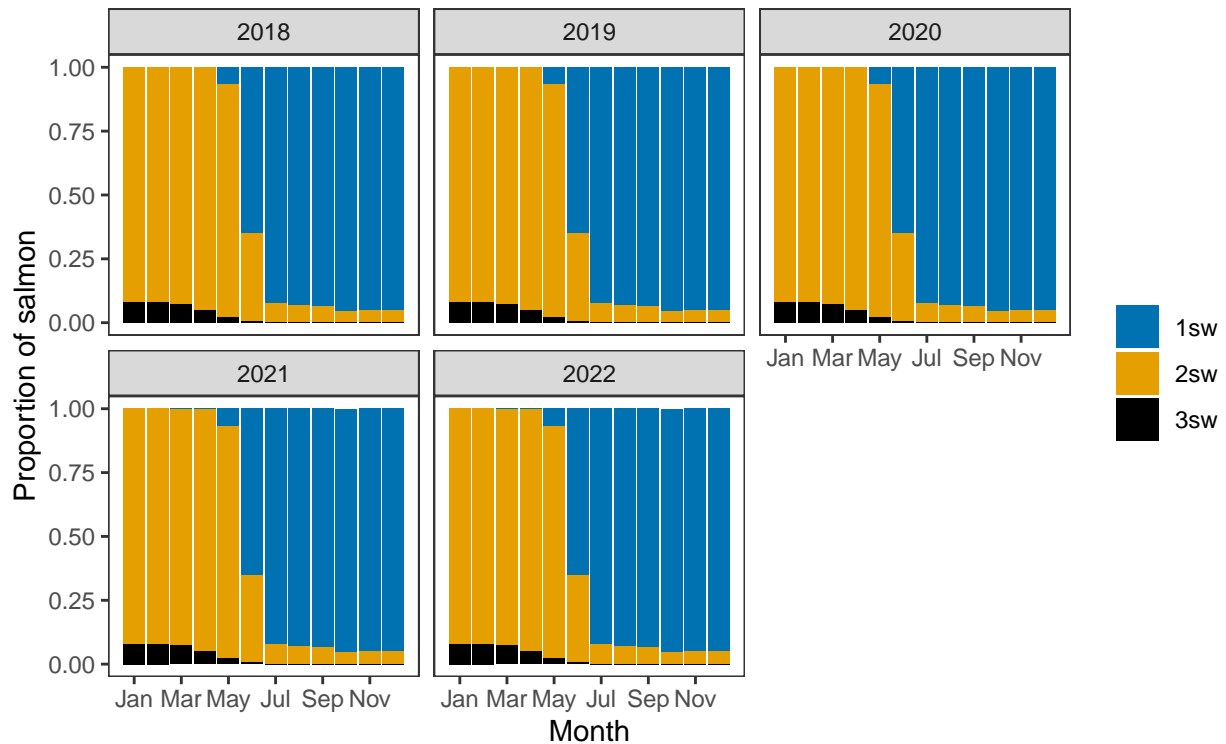
Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
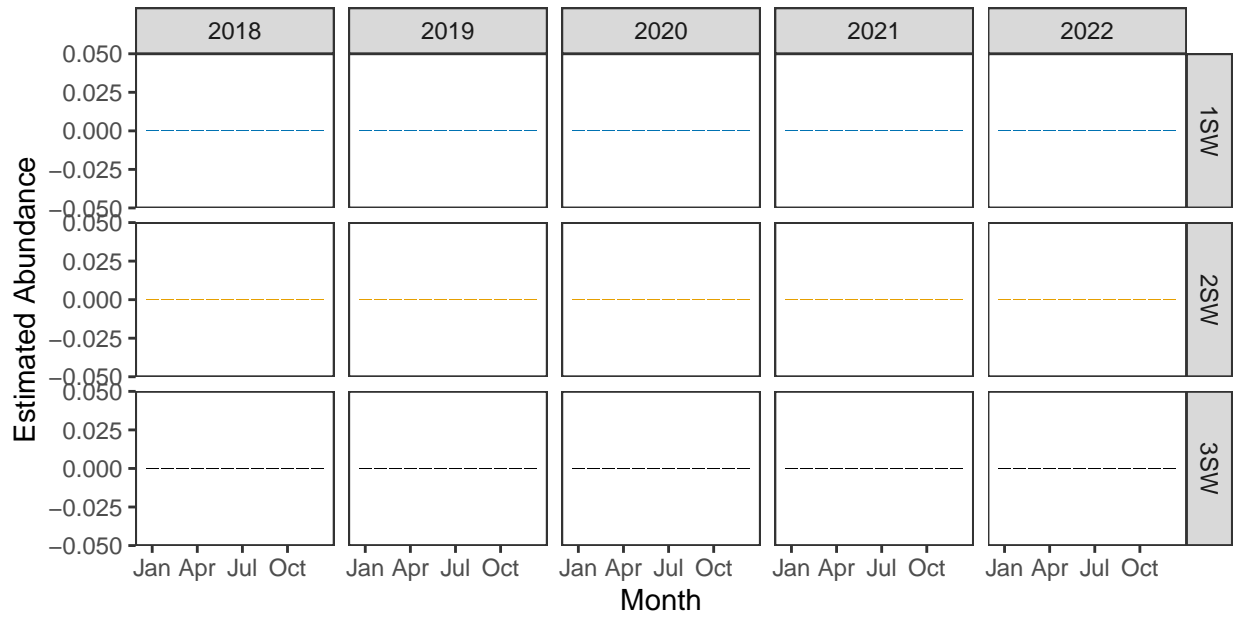
Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
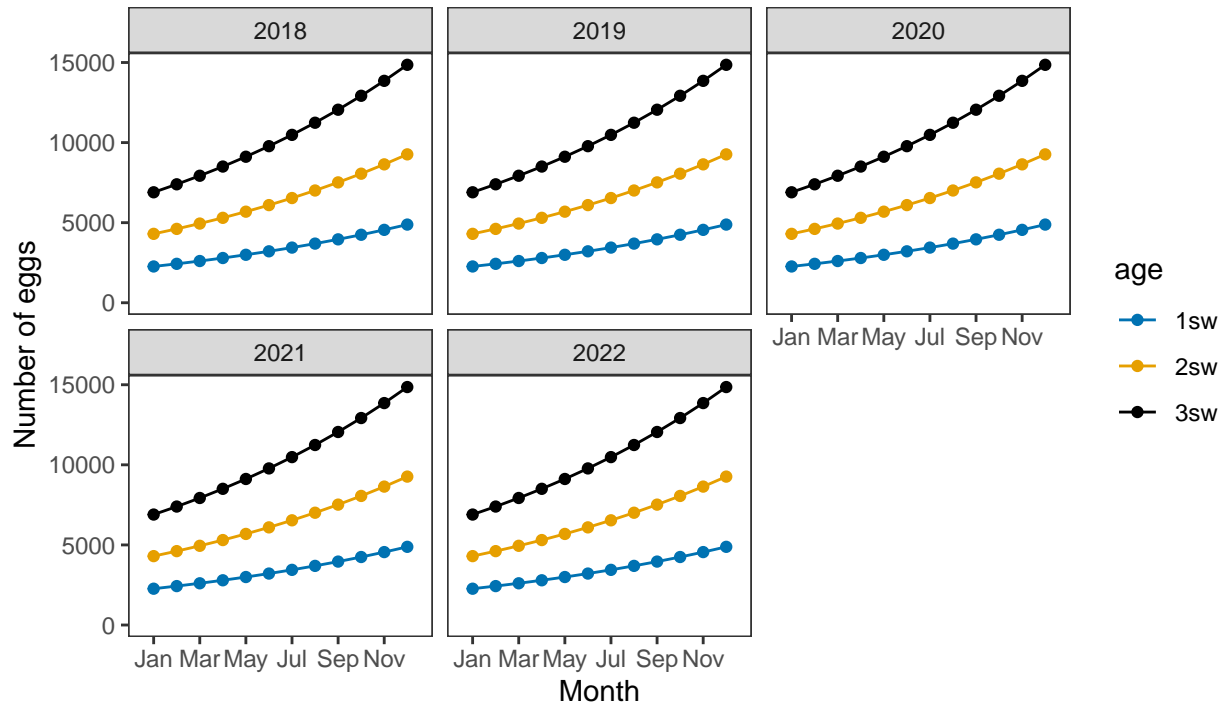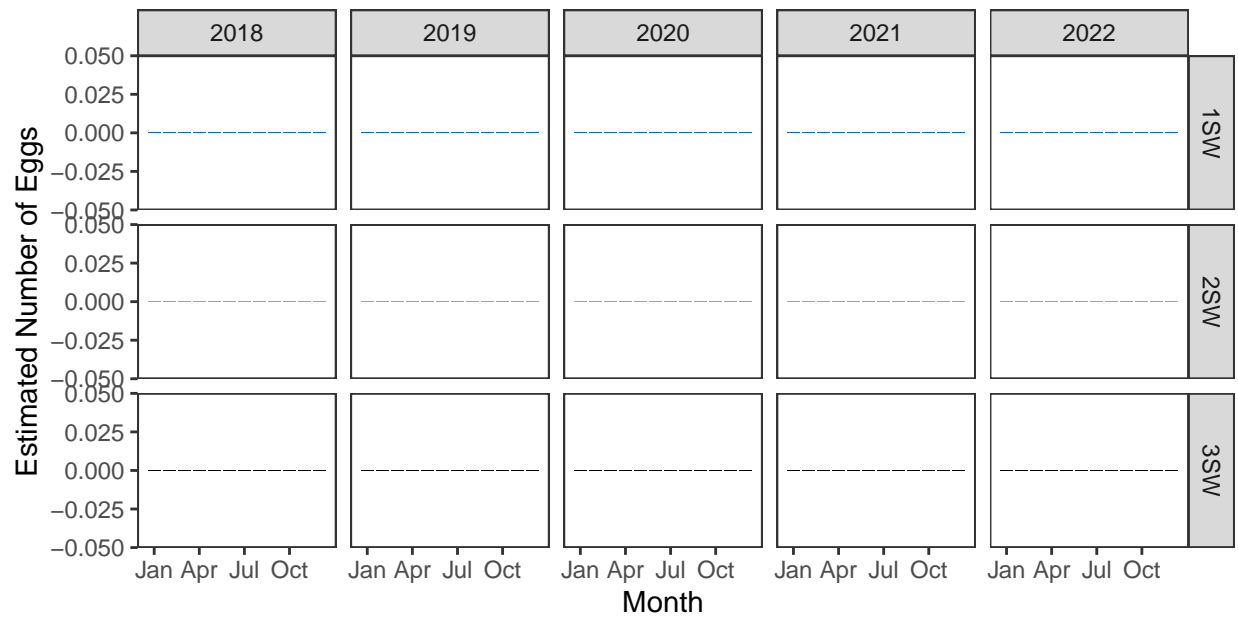
Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

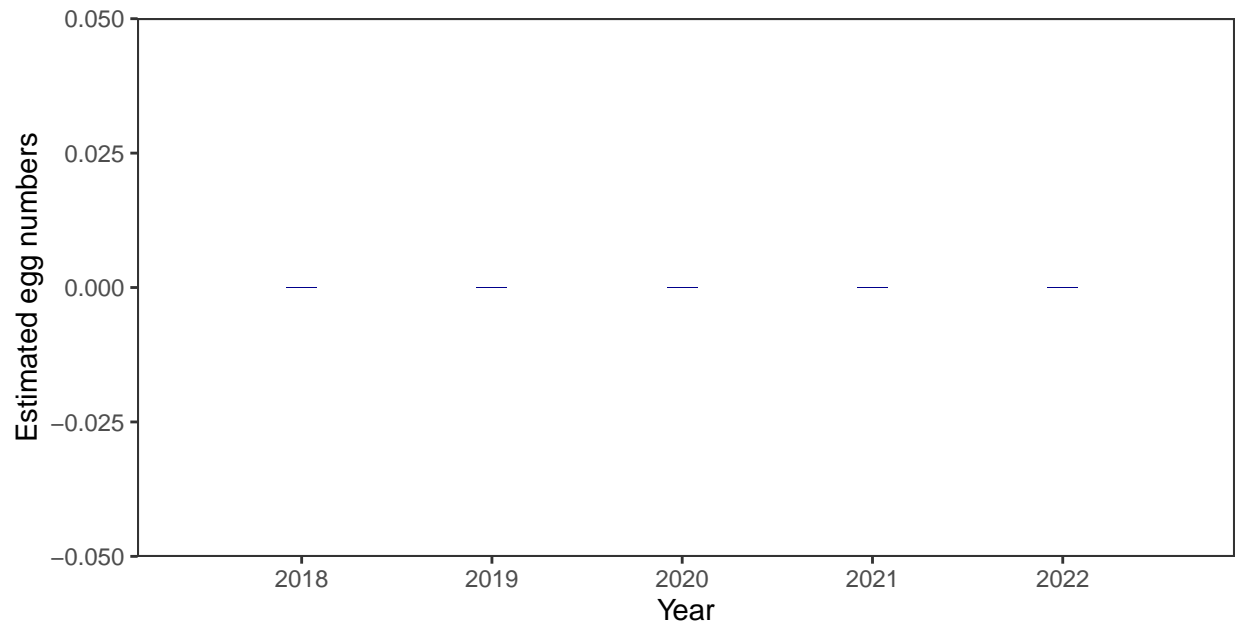*Egg contents of females*

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

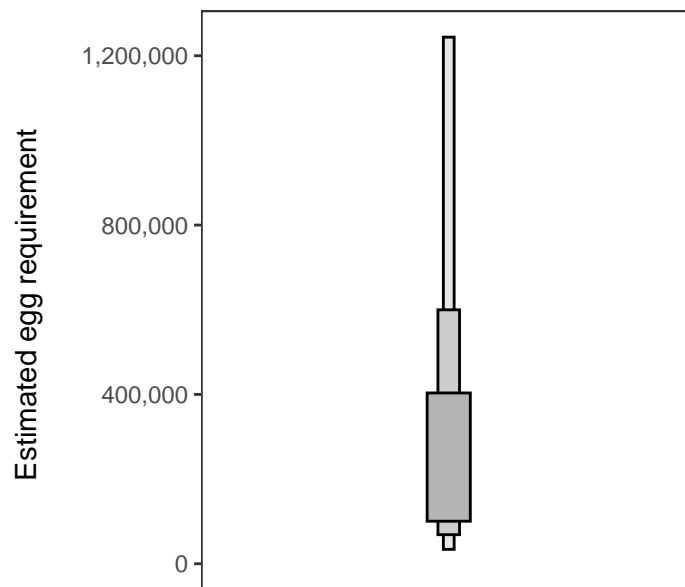Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	-
2019	-
2020	0.26
2021	0.05
2022	-

4. Egg requirement

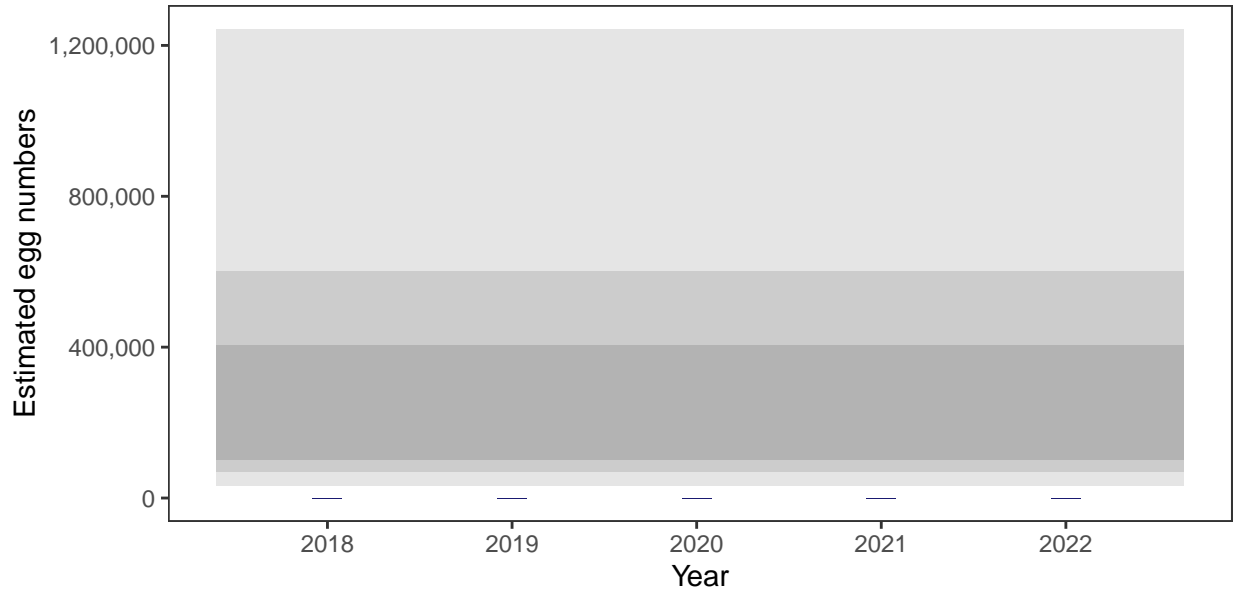### *Areas of salmon habitat in square meters*

There is an estimated 139,907 square meters of known salmon habitat in the Glenmore River and a further 16,896 square meters where salmon may be present.

Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
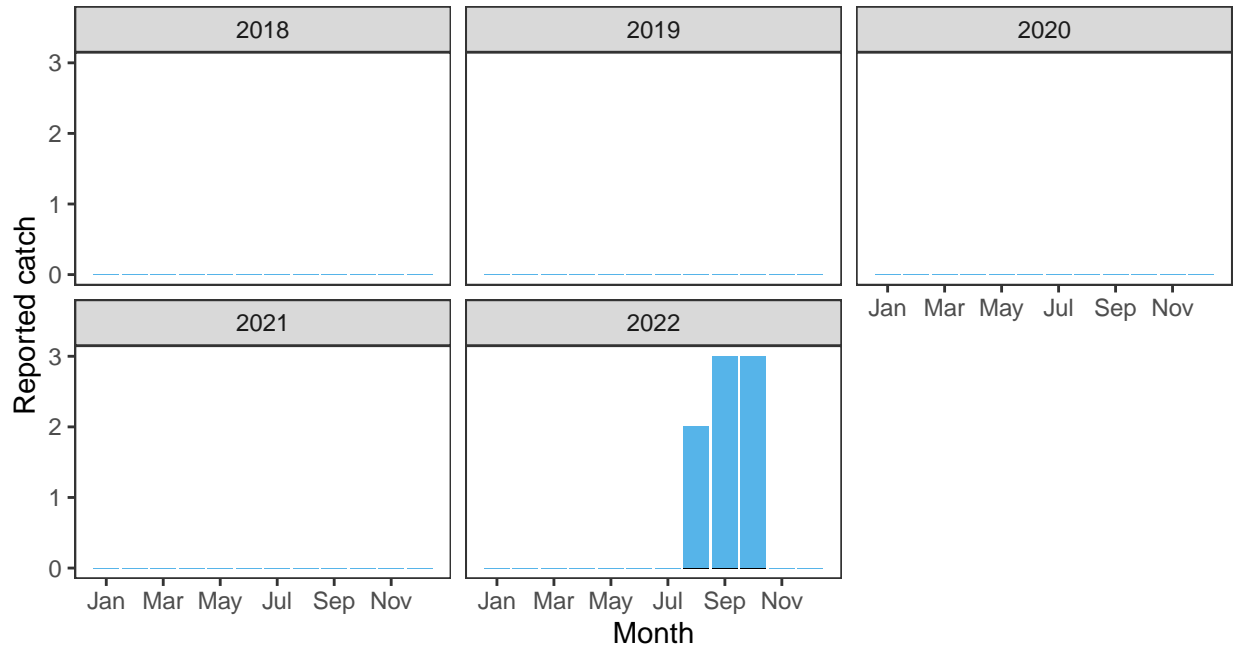
Gleann Beag River: Grade 3

Summary Table

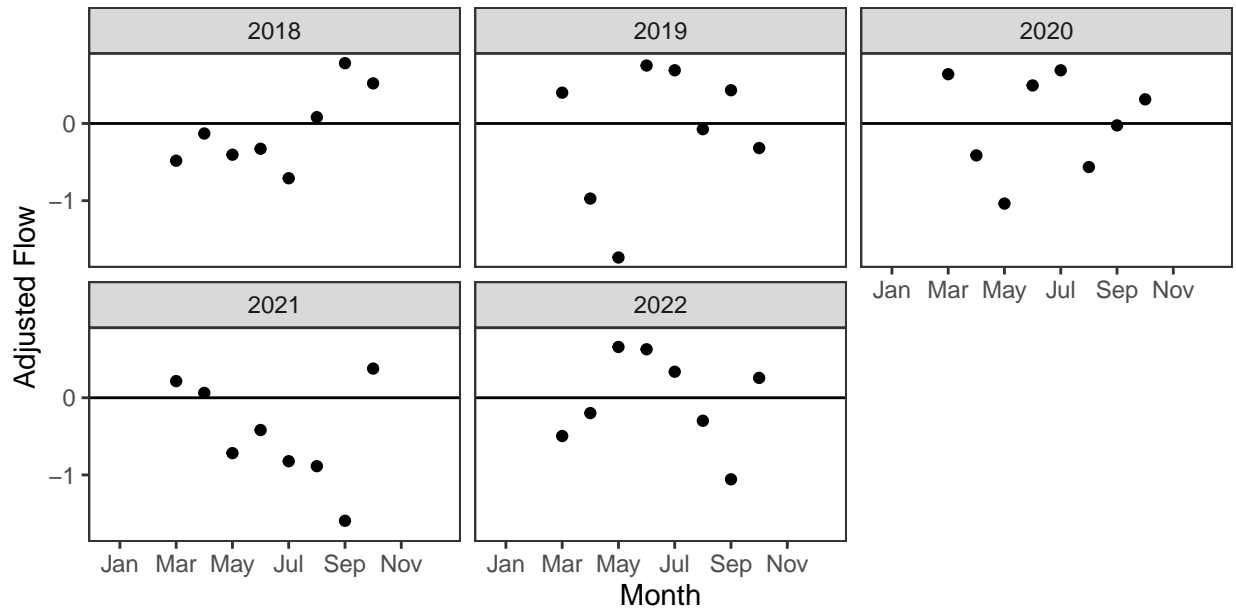| Eggs required $(\text{m}^2)^\text{a}$	Area $(\text{m}^2)^\text{a}$	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
1.6	129,000	207,000	0	0	0.14	0	19.21	0.0387	3

[a] Figures presented are median values

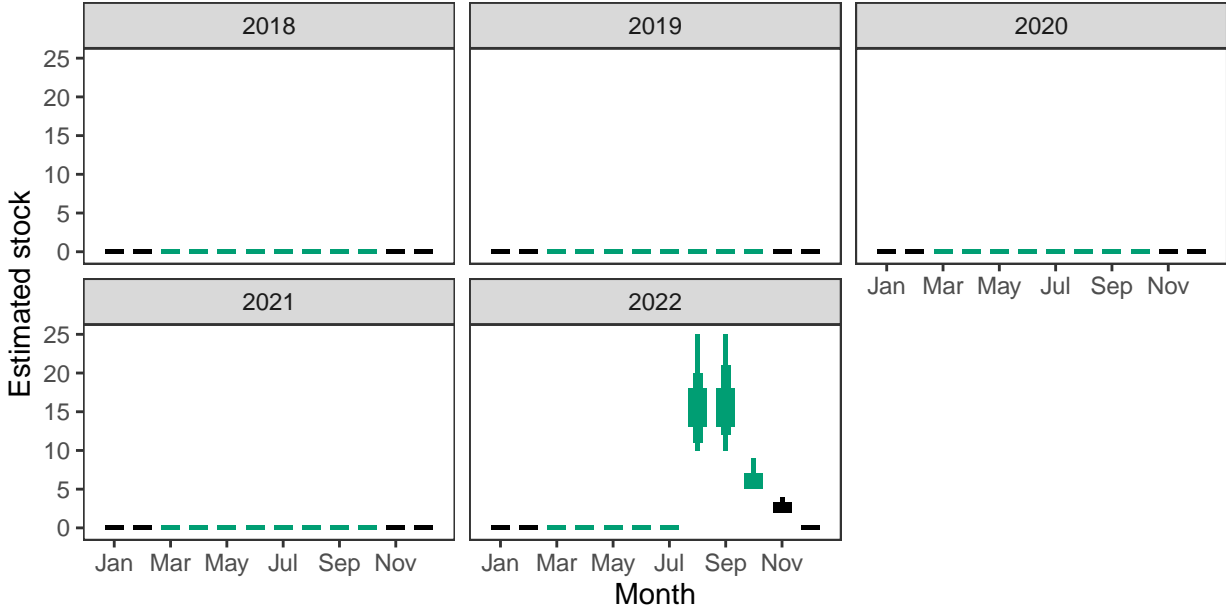# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
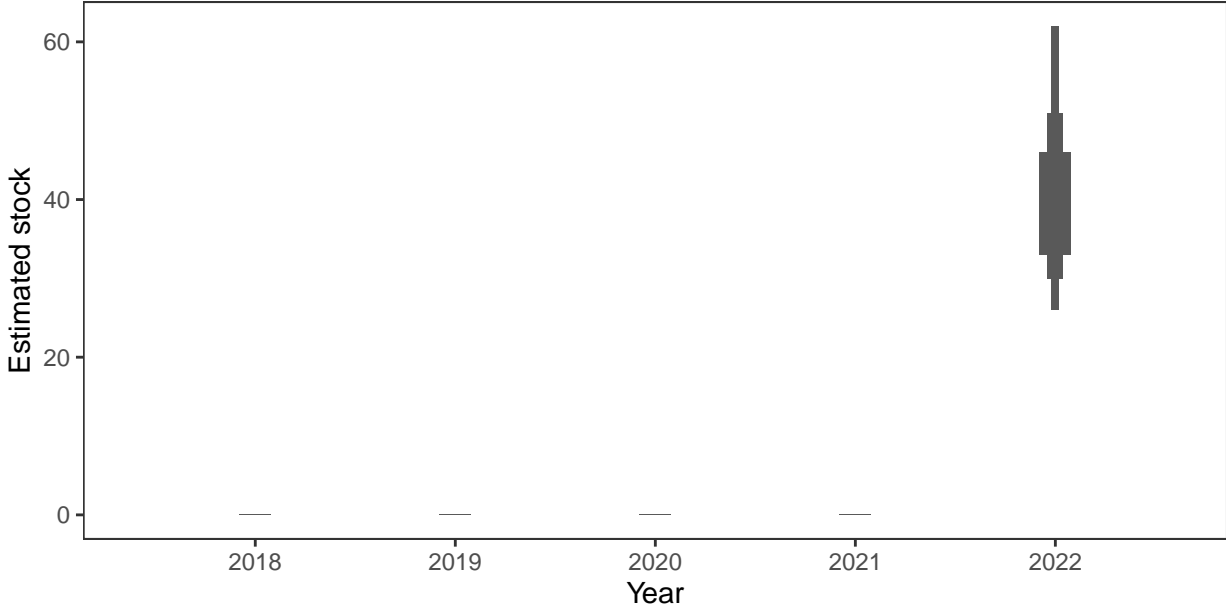

Monthly flow data

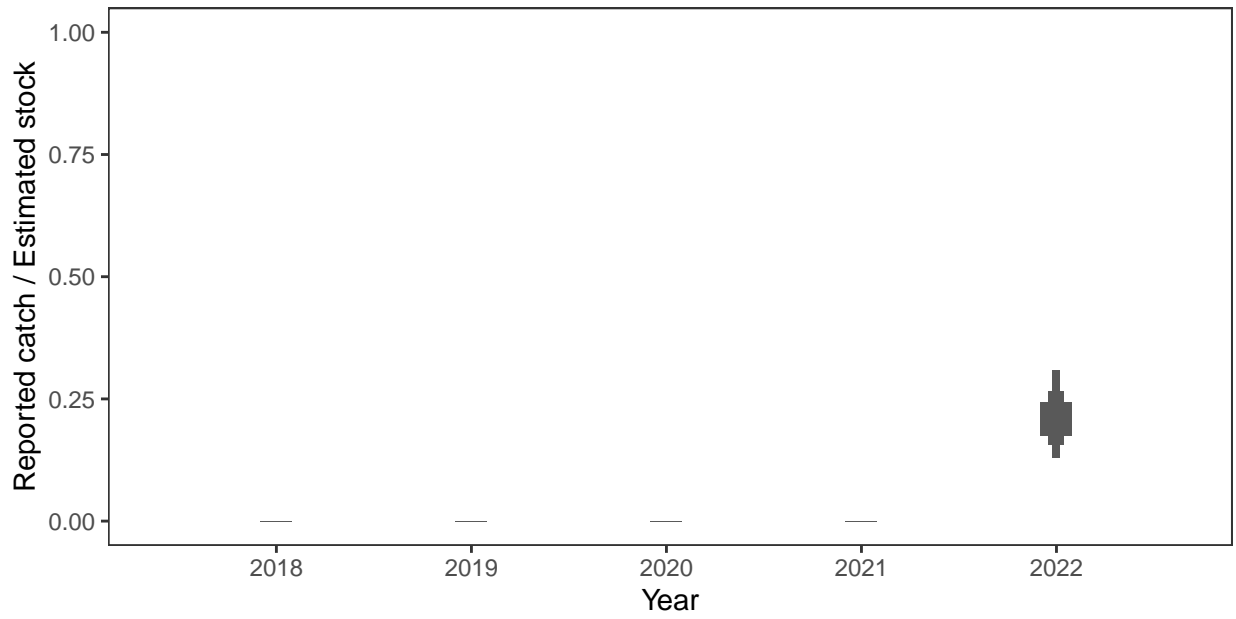## Monthly stock estimates (out of season in black)

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
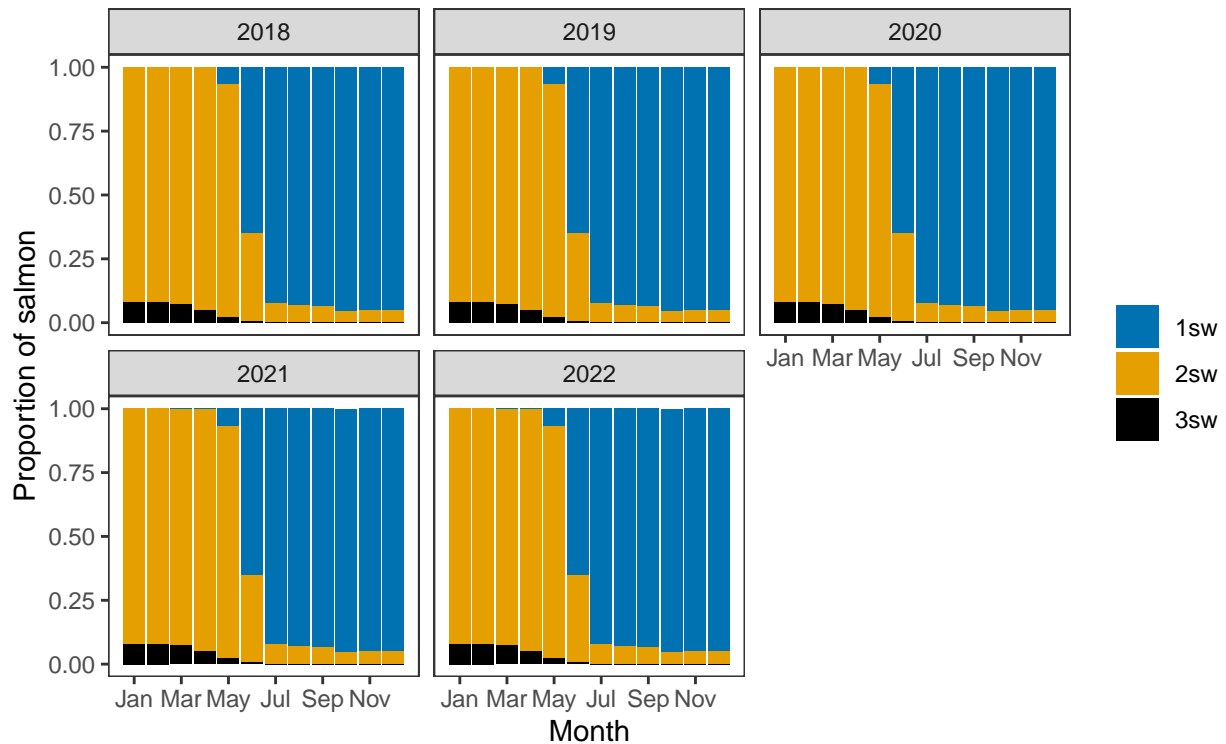
Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
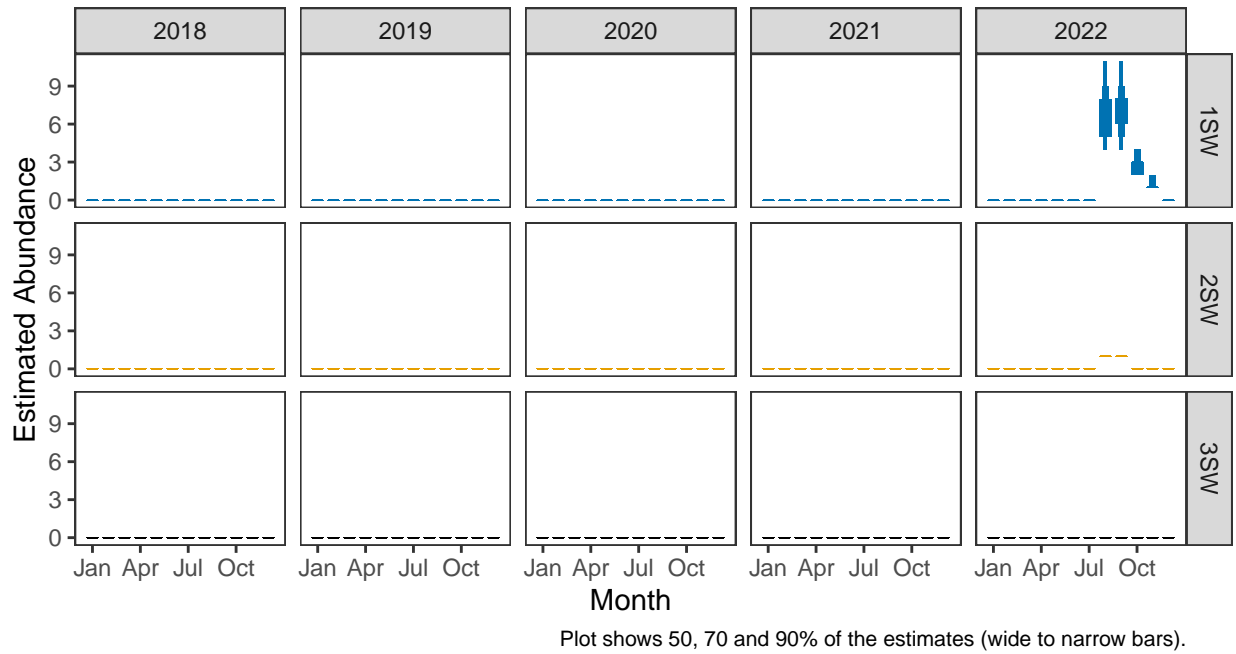
Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
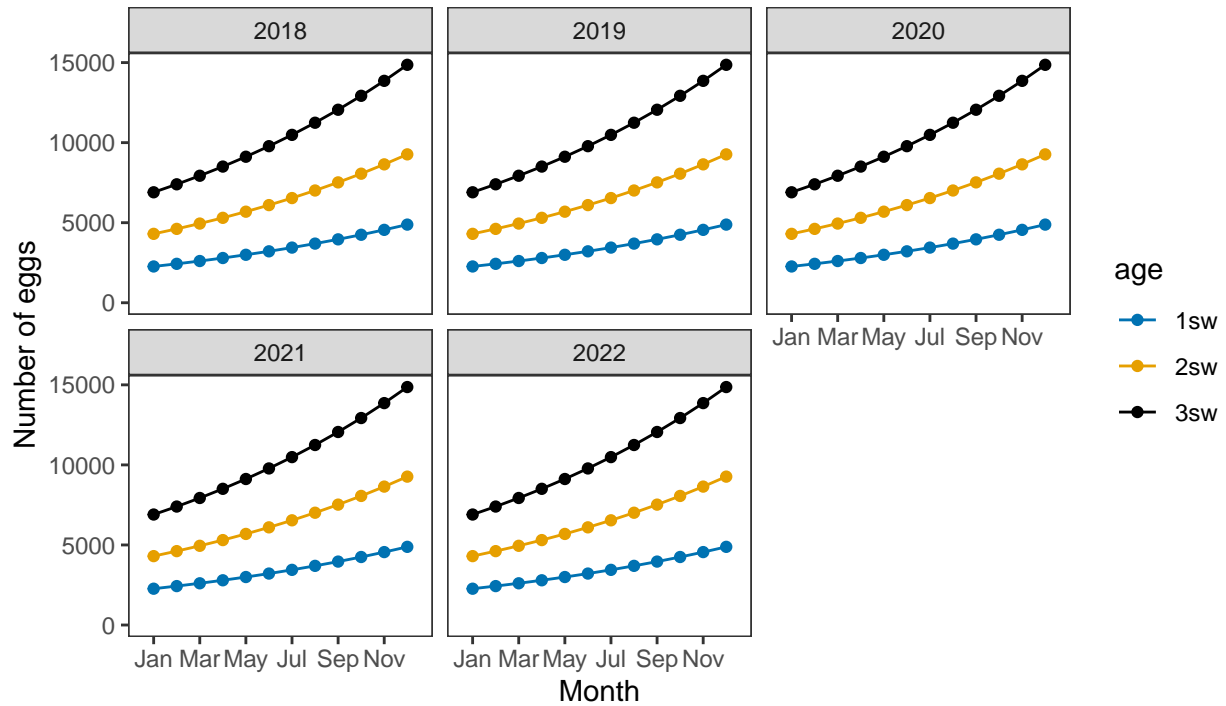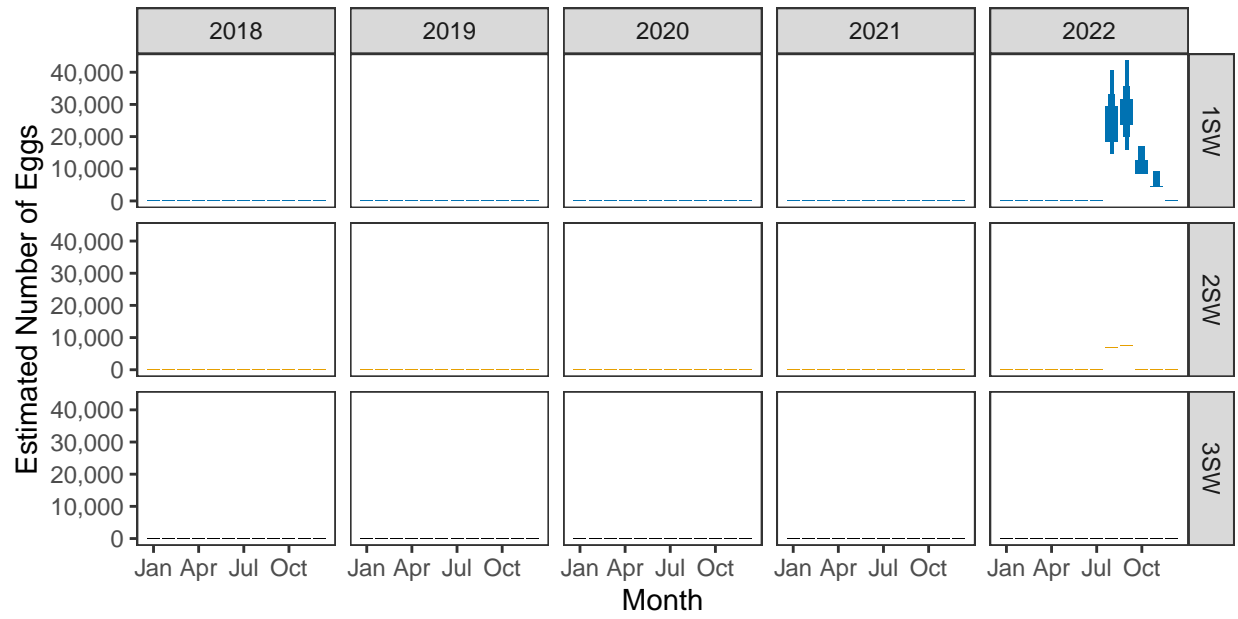
3. Converting Number of Spawners to Number of Eggs

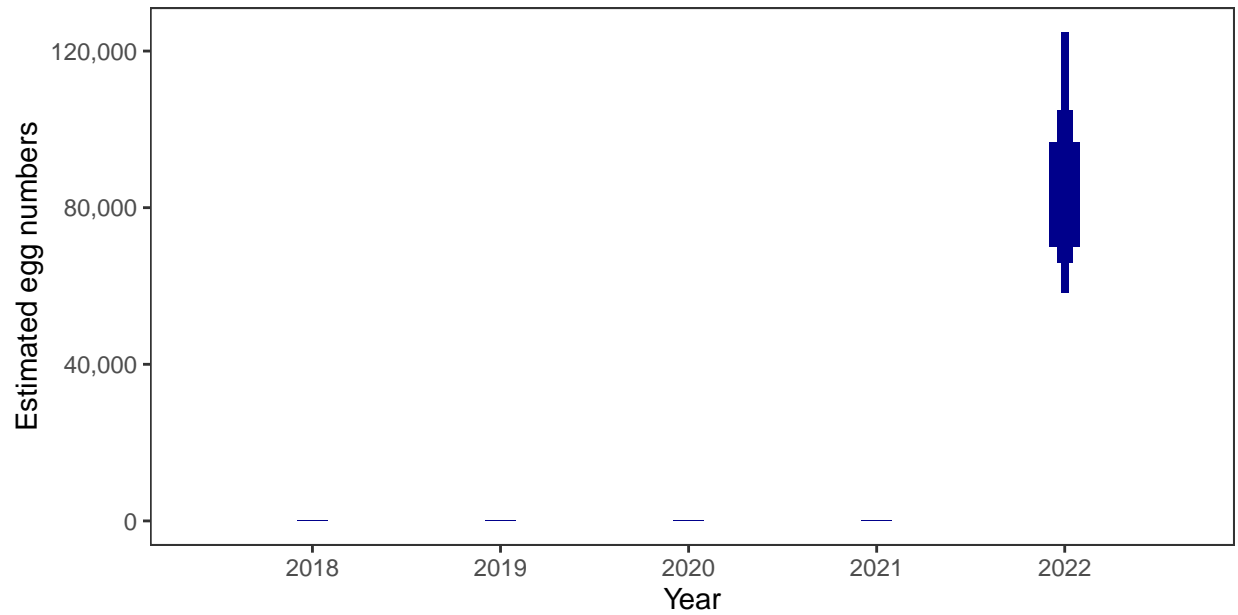*Egg contents of females*

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

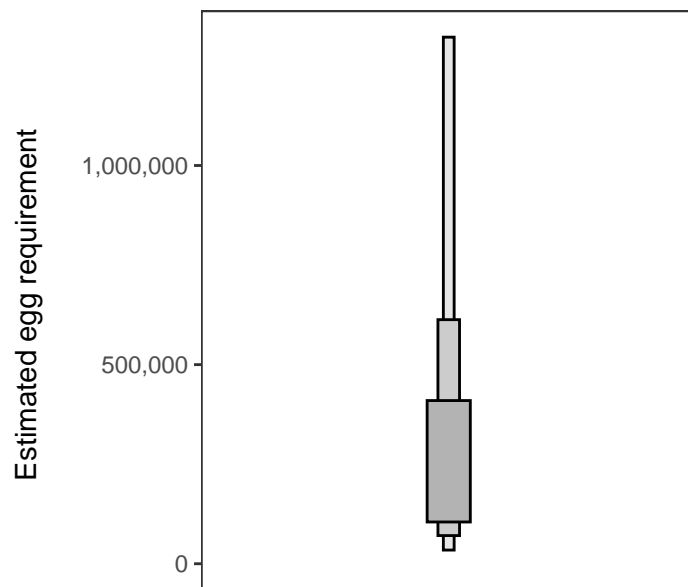Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	-
2019	-
2020	0.14
2021	-
2022	19.21

4. Egg requirement

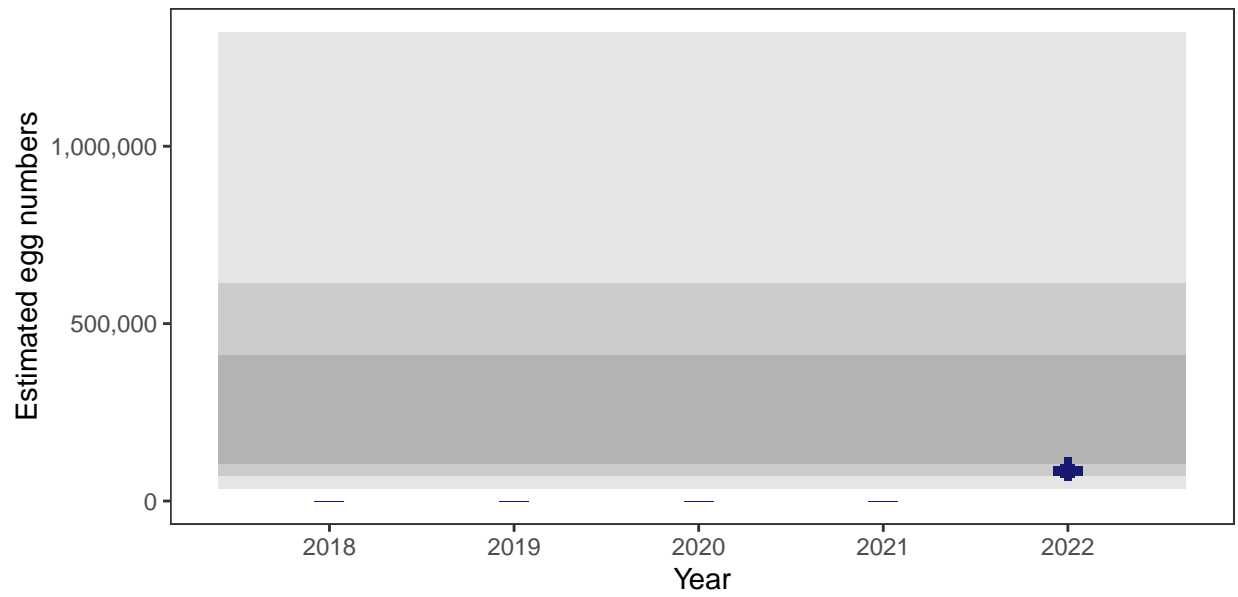### *Areas of salmon habitat in square meters*

There is an estimated 141,907 square meters of known salmon habitat in the Gleann Beag River and a further 10,419 square meters where salmon may be present.

Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
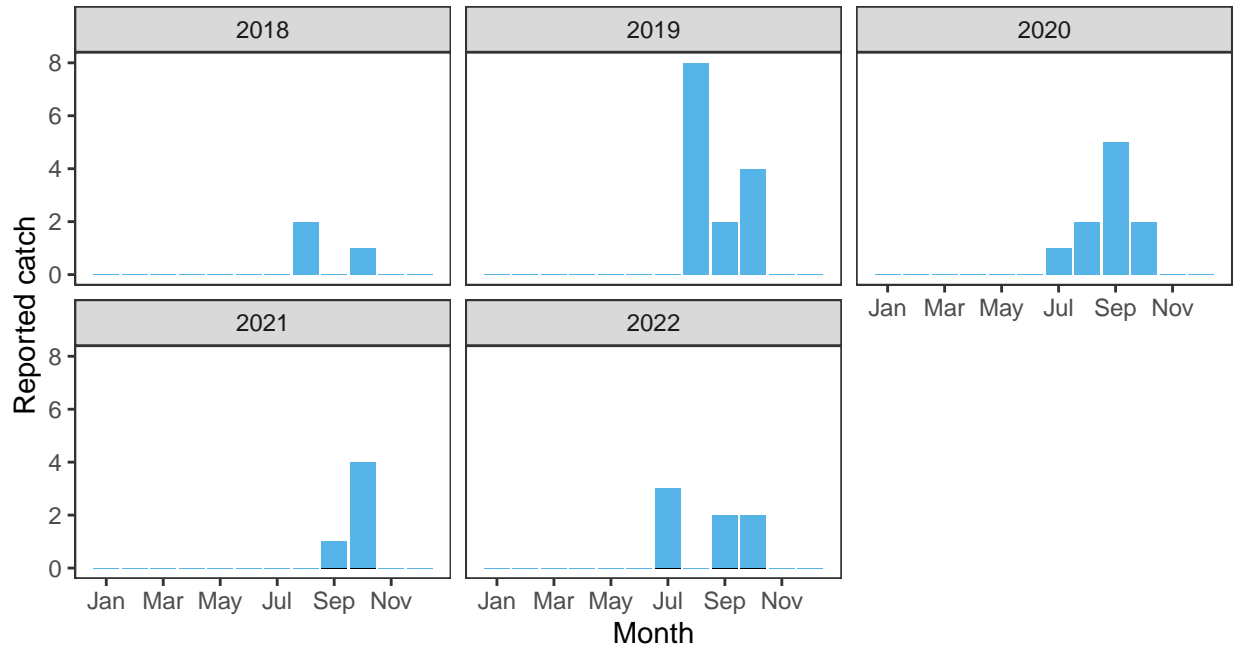
River Arnisdale: Grade 3

Summary Table

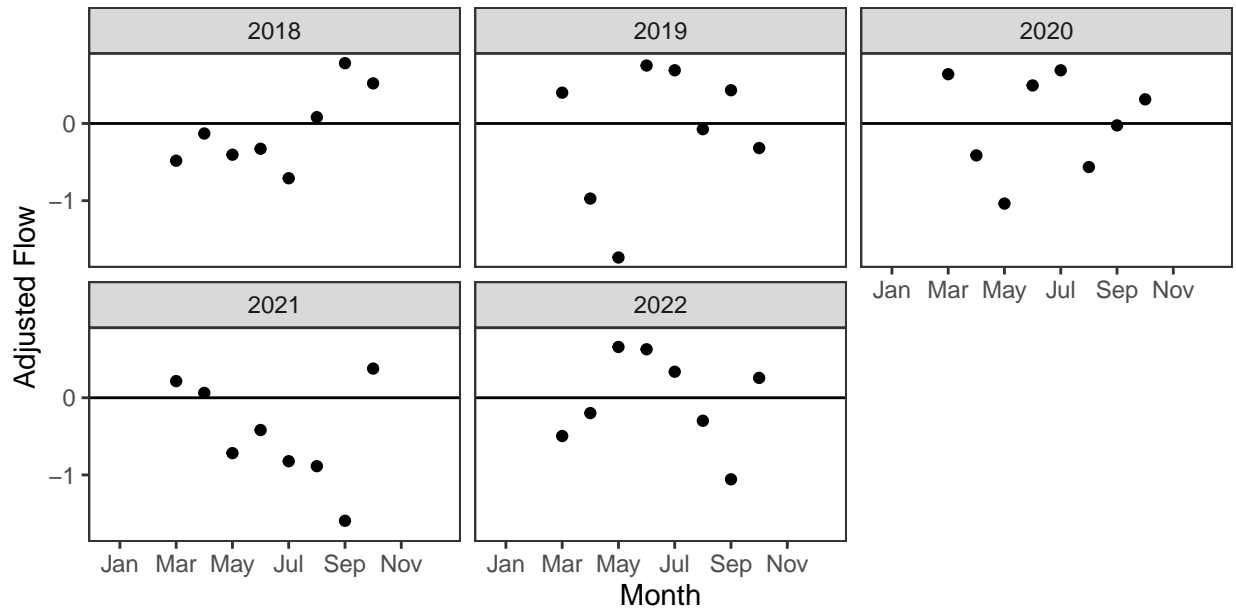| Eggs required $(m^2)^a$	Area $(m^2)^a$	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
1.85	60,000	112,000	11.82	61.28	50.97	14.01	41.64	0.35944	3

[a] Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon
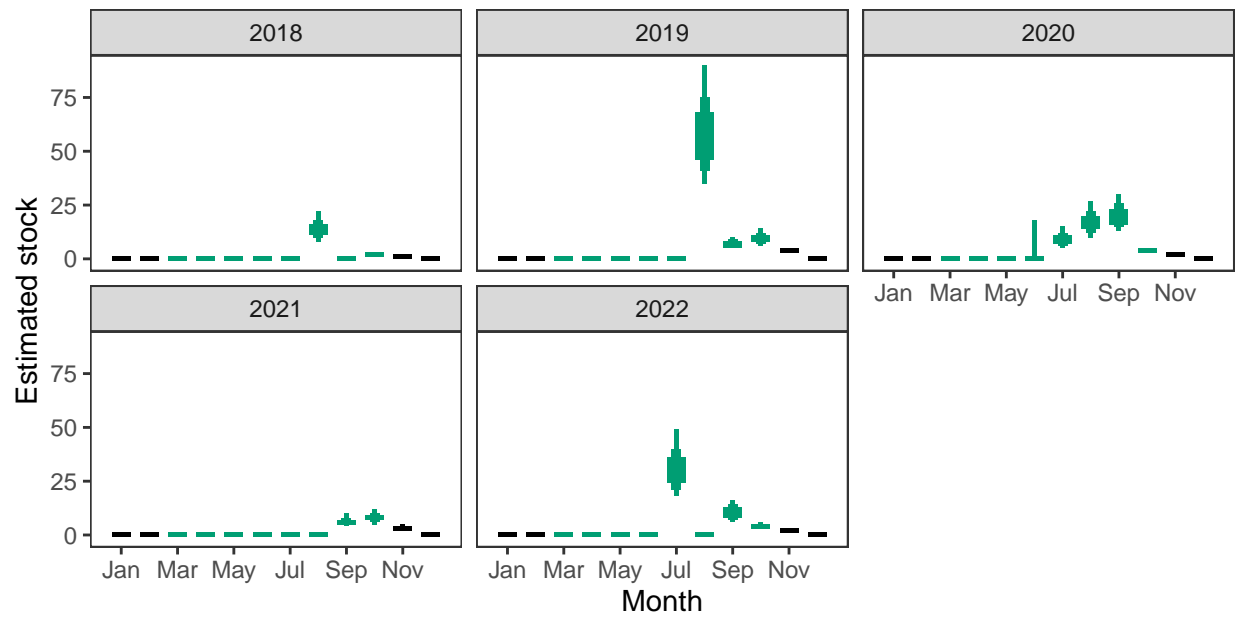
Reported Catches (black = retained, blue = released)
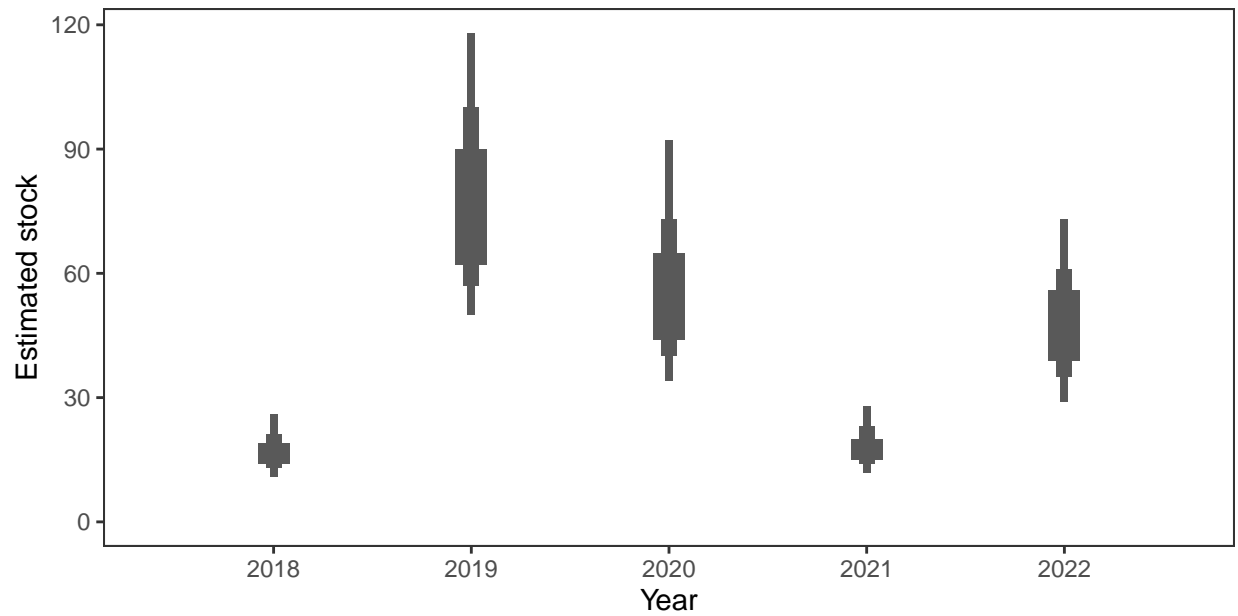

Monthly flow data

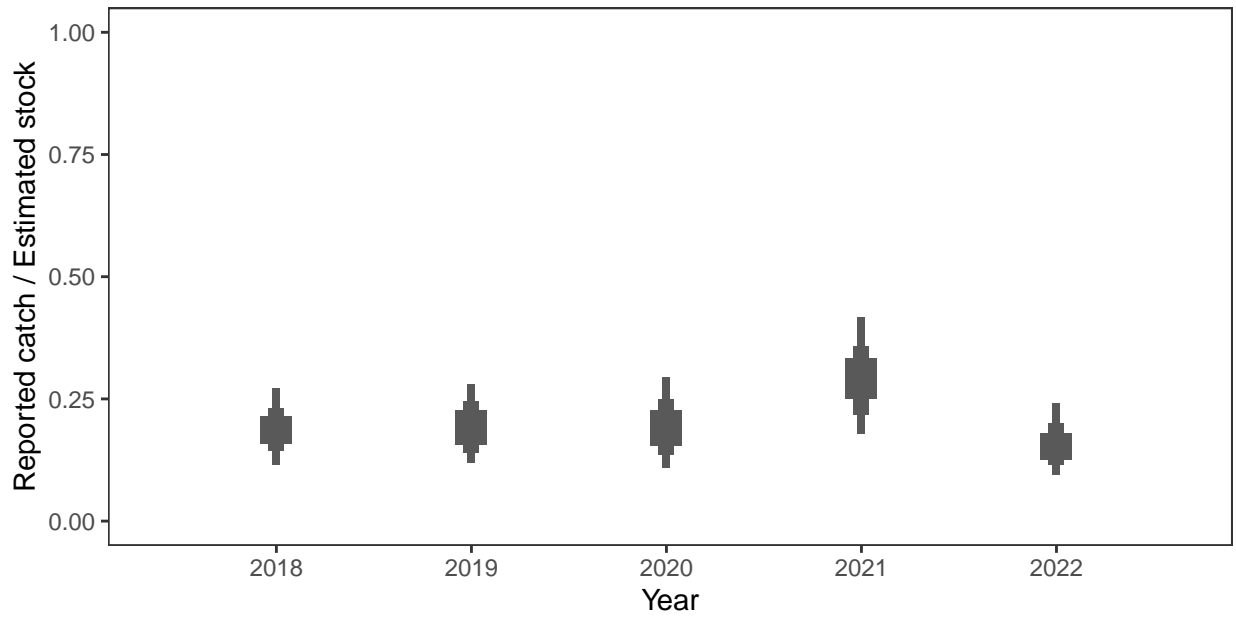*Monthly stock estimates (out of season in black)*

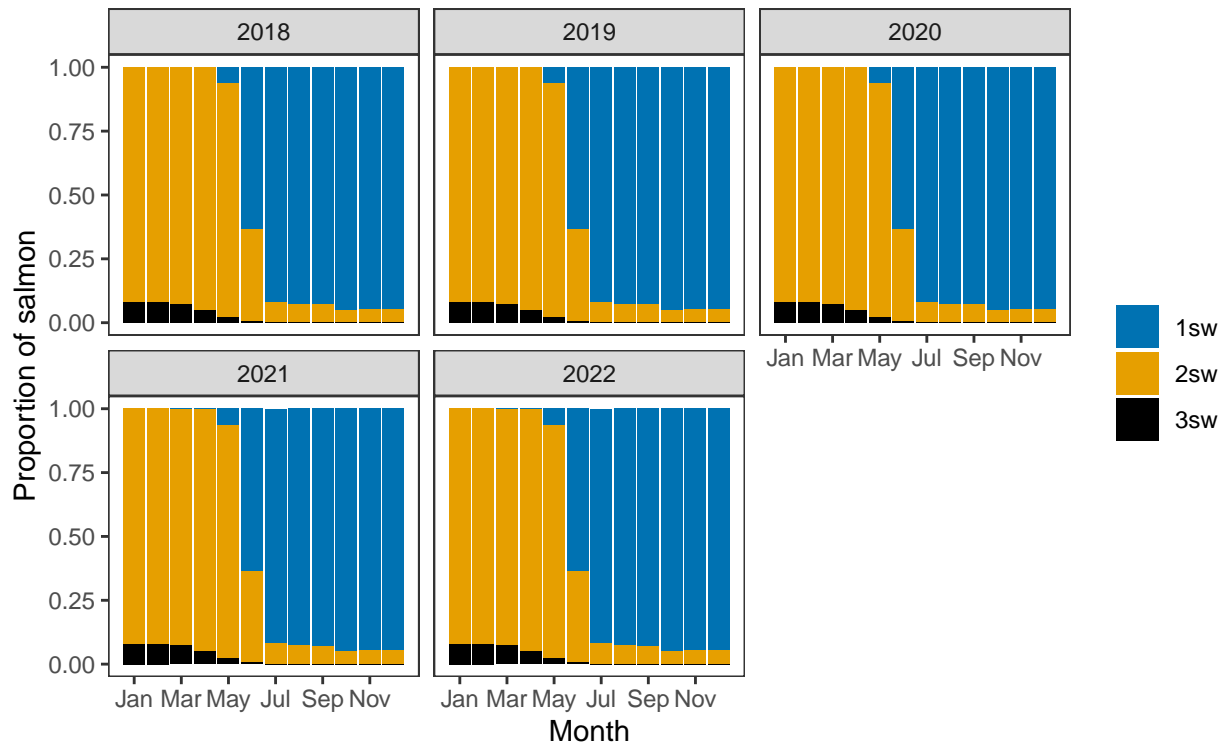Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
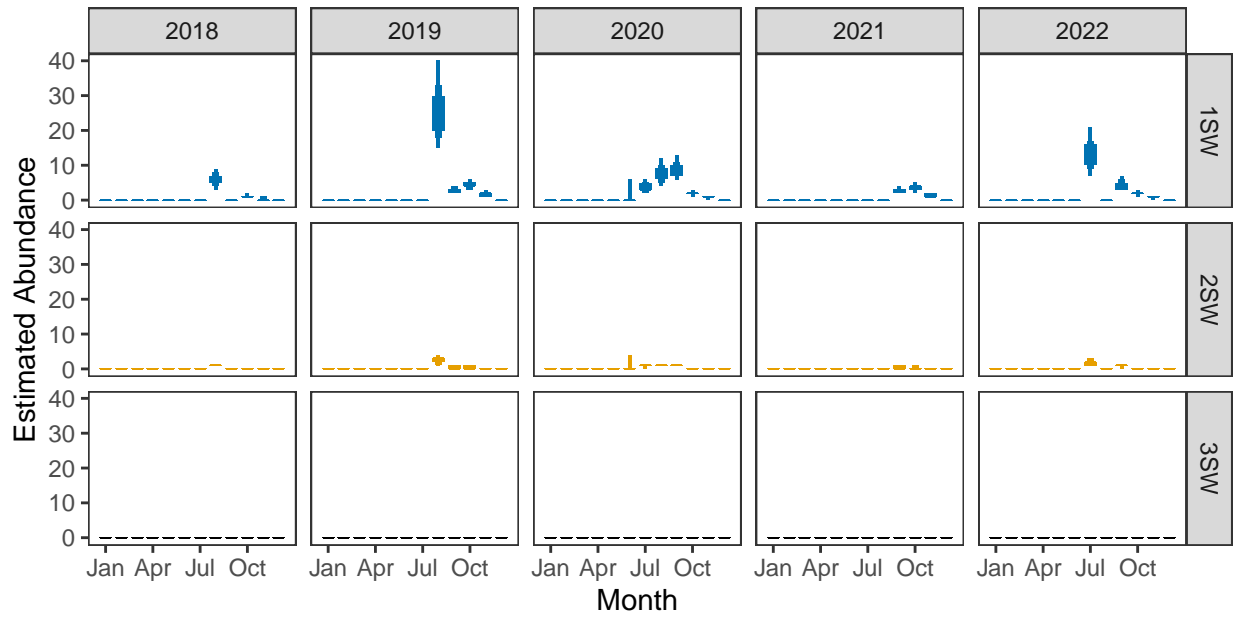
Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
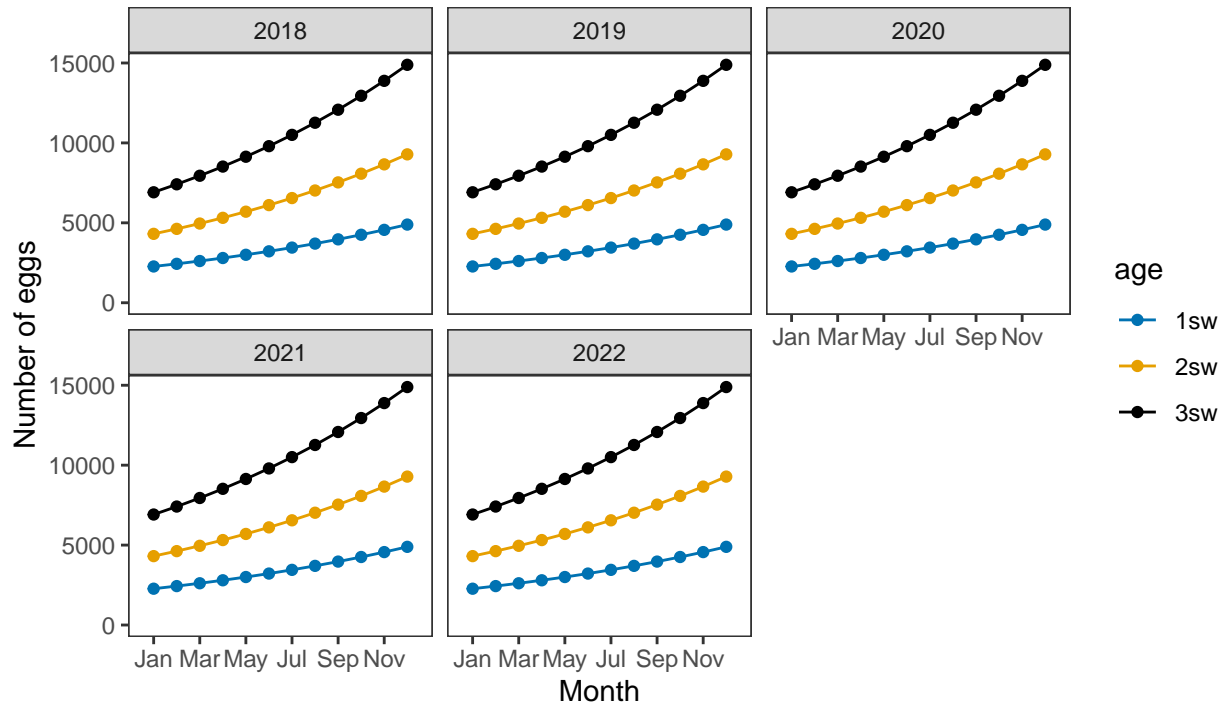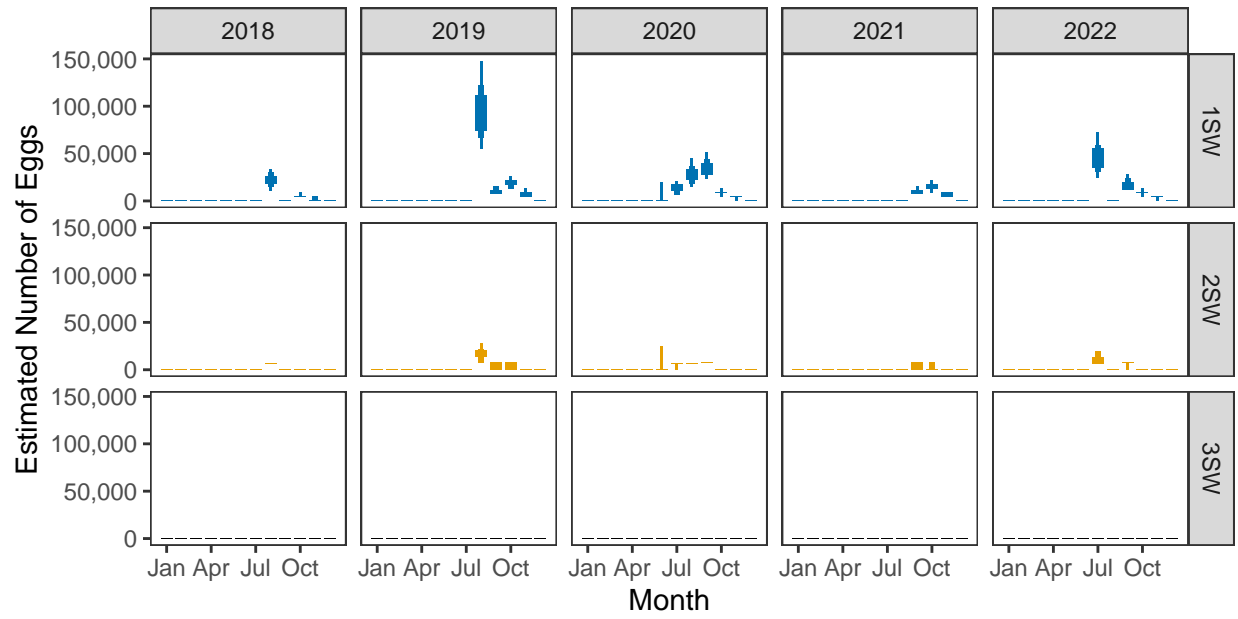
Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs
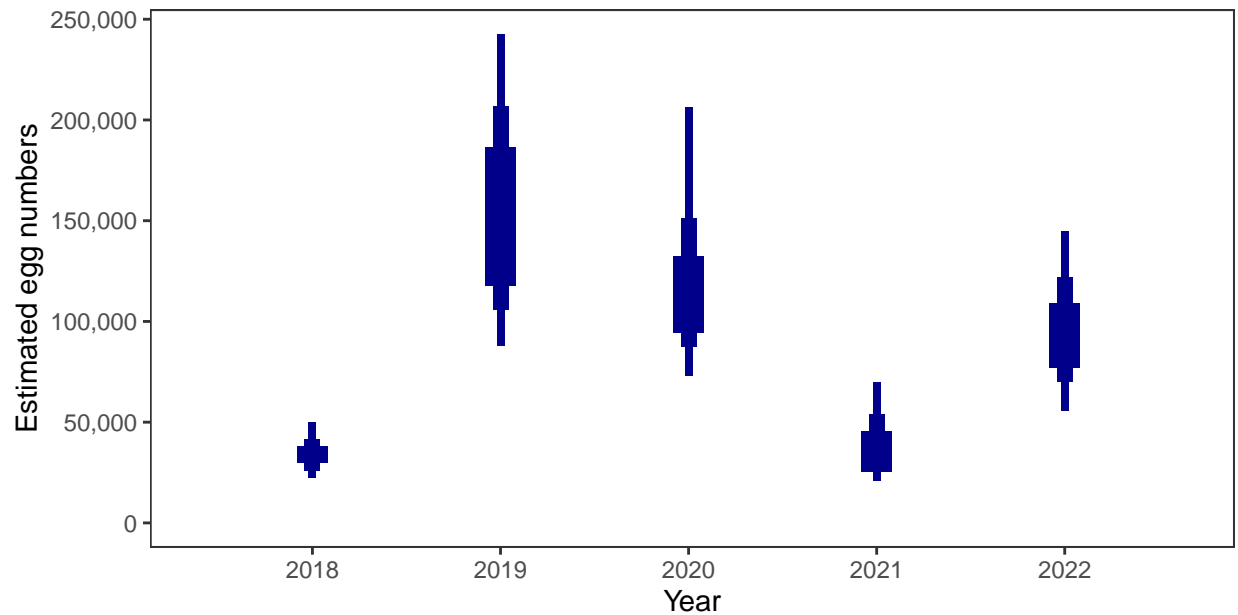
Egg contents of females

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

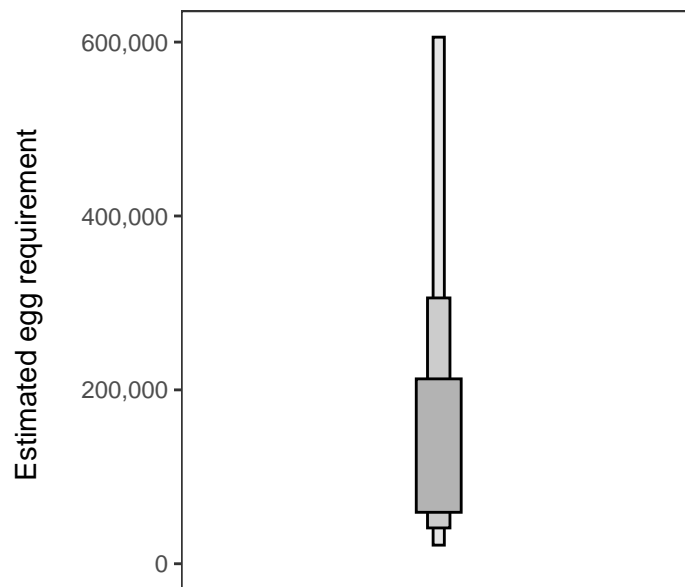Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	11.82
2019	61.28
2020	50.97
2021	14.01
2022	41.64

4. Egg requirement

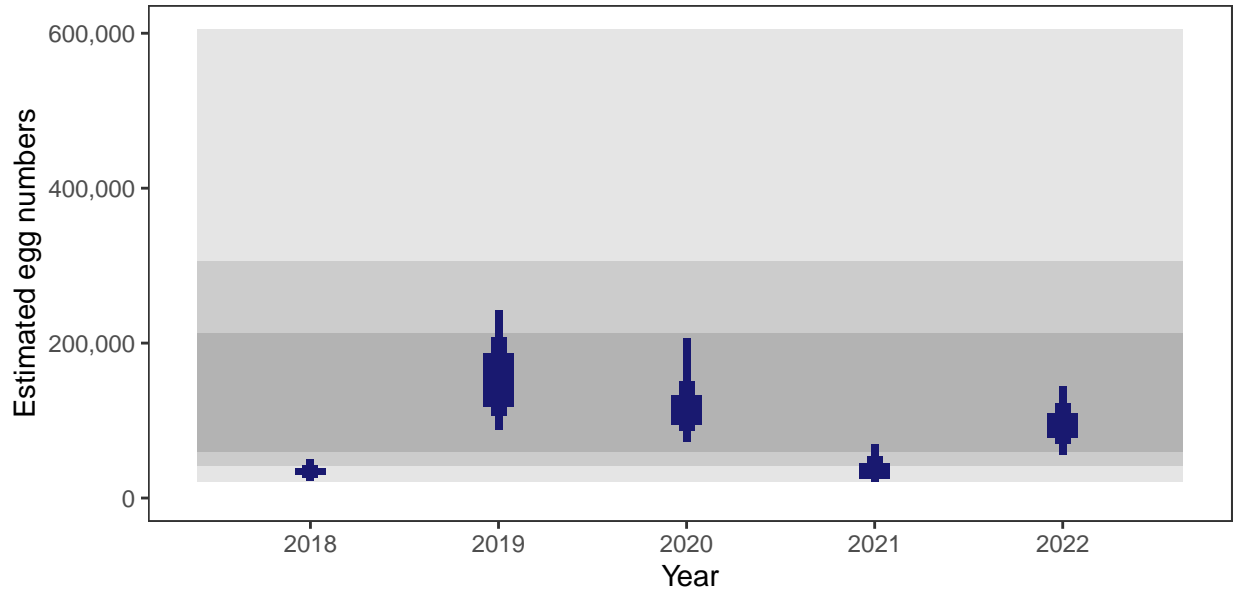### *Areas of salmon habitat in square meters*

There is an estimated 67,272 square meters of known salmon habitat in the River Arnisdale and a further 2,435 square meters where salmon may be present.
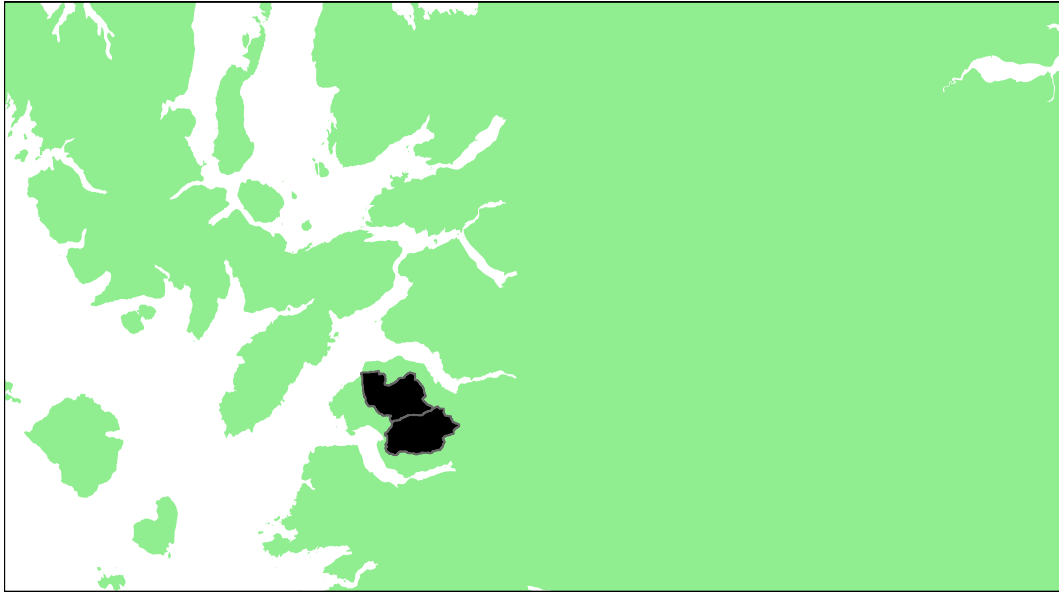
Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
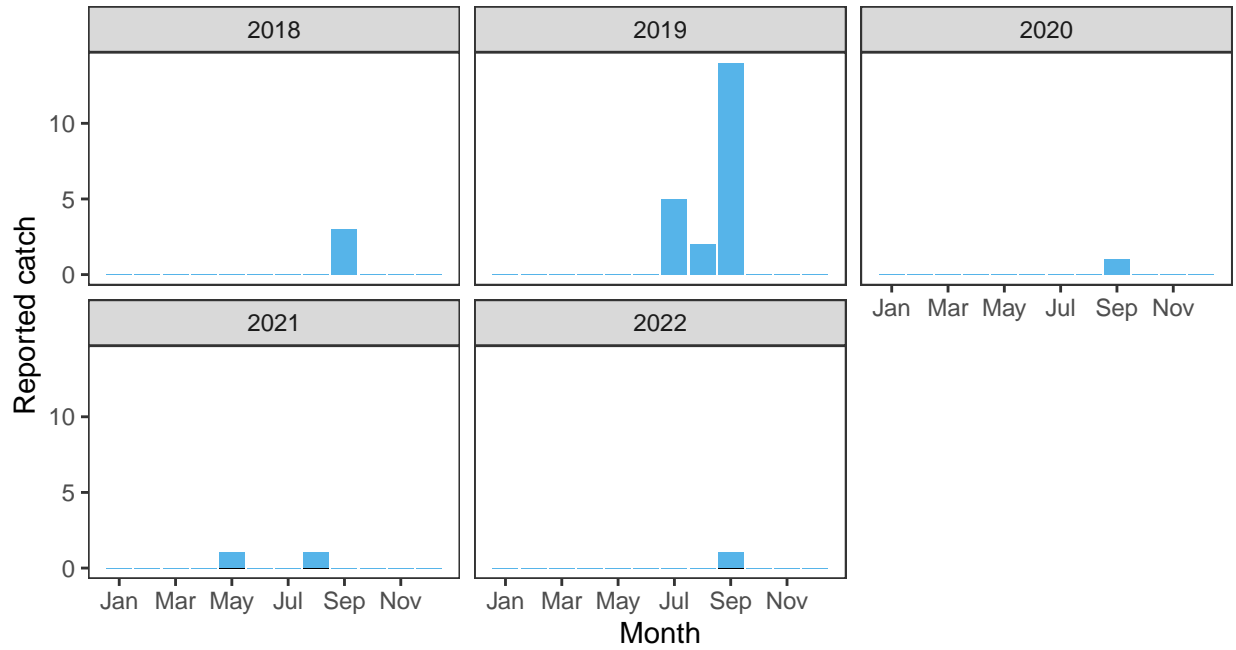
Inverie and Guiserein: Grade 3

Summary Table

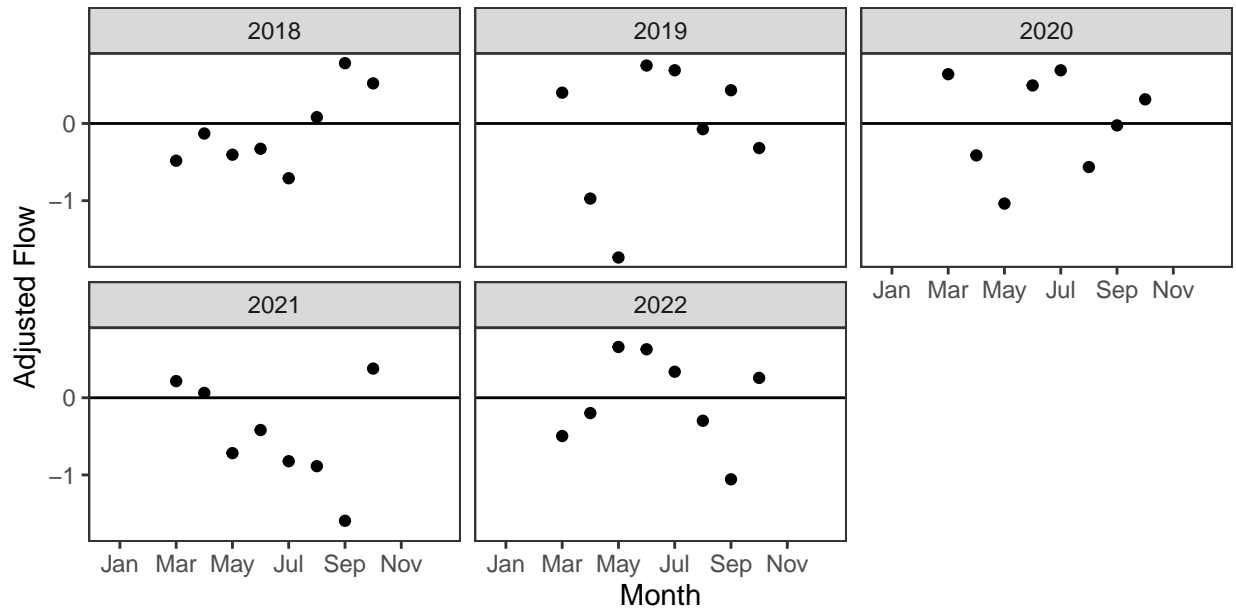| Eggs required (m²)ᵃ	Area (m²)ᵃ	Total egg requirementᵃ	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
1.75	189,000	330,000	1.03	31.97	0.15	8.9	0.34	0.08478	3

ᵃ Figures presented are median values

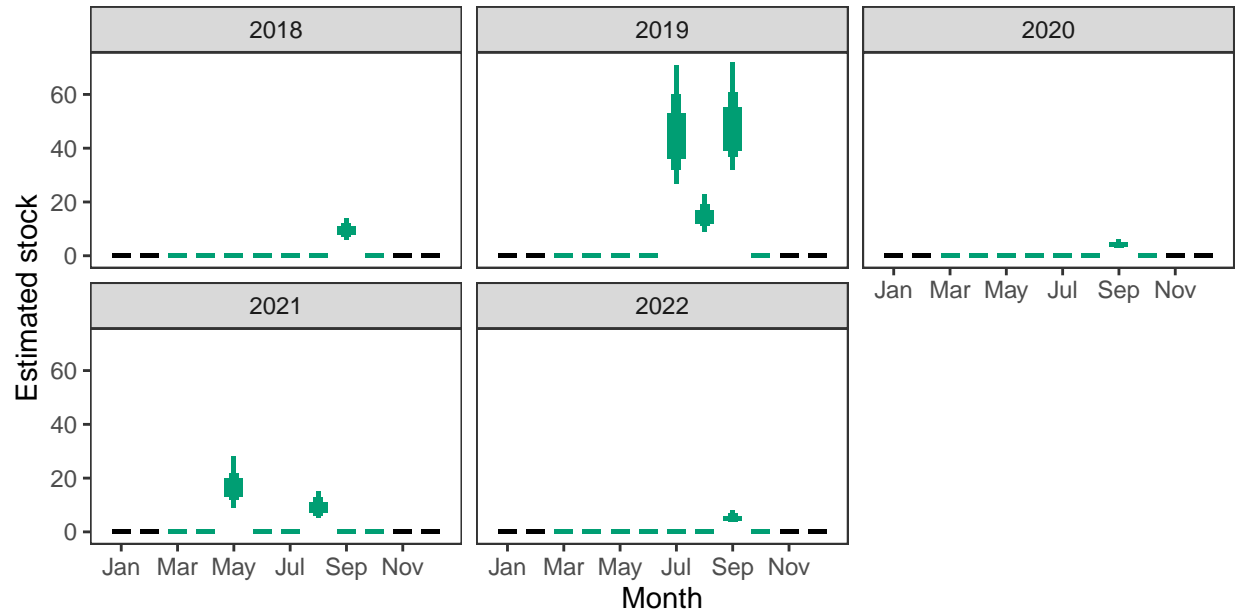# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
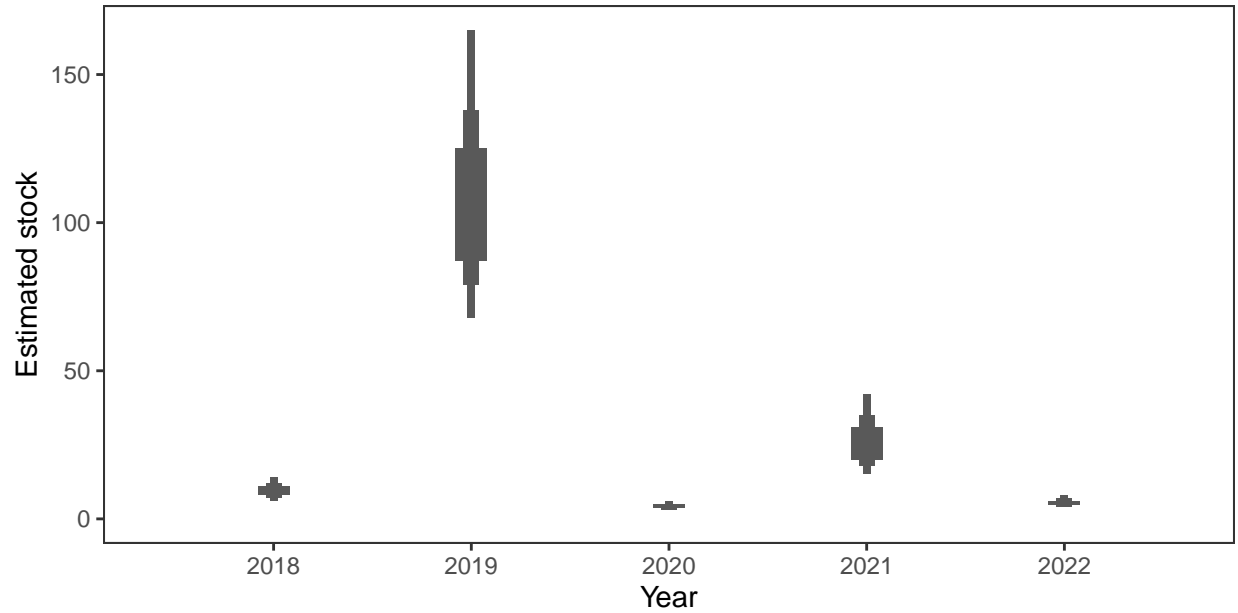

Monthly flow data

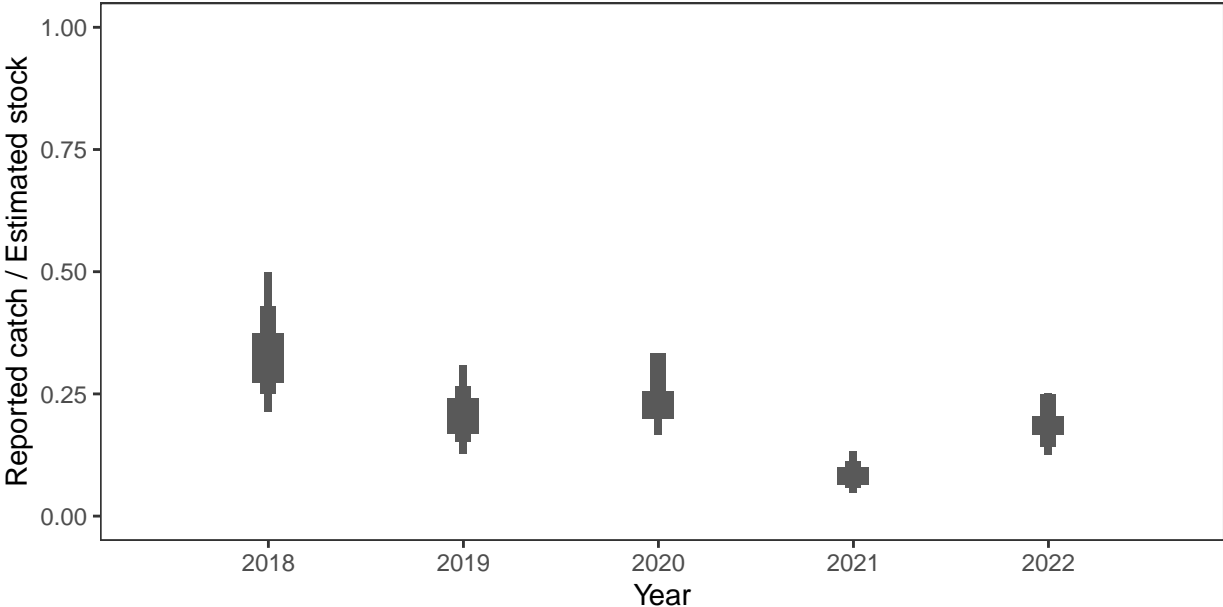*Monthly stock estimates (out of season in black)*

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock

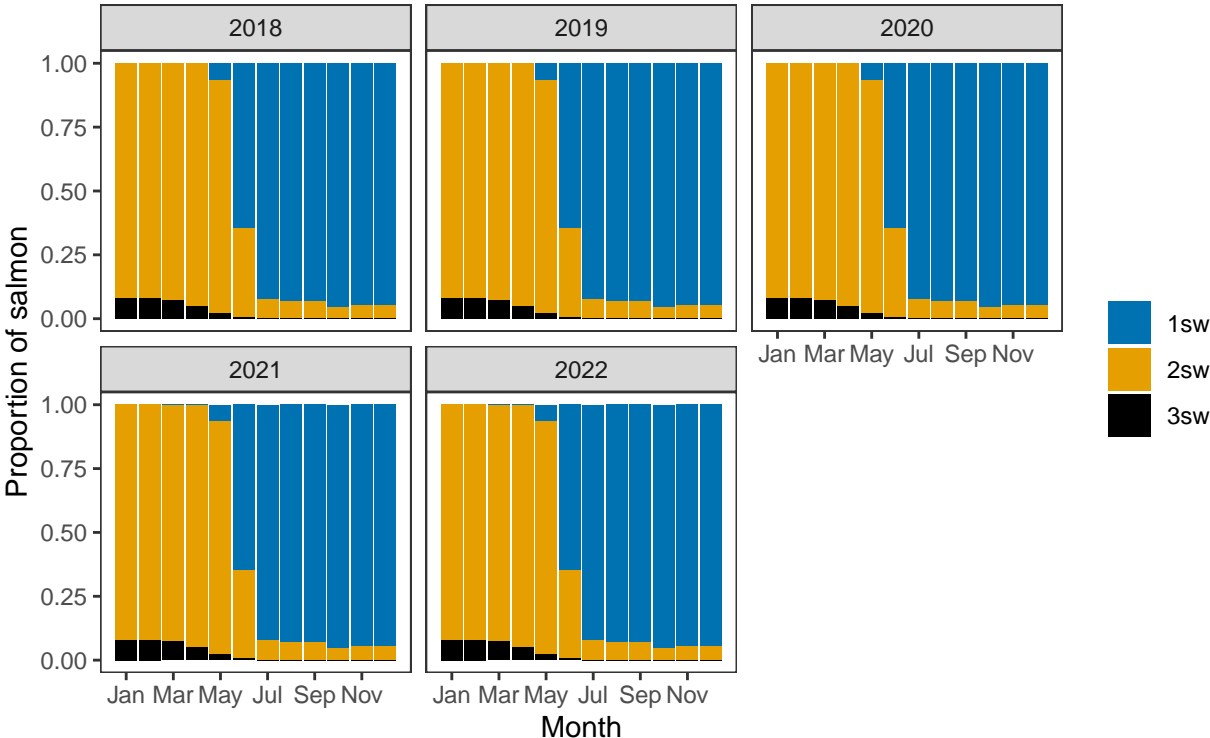Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
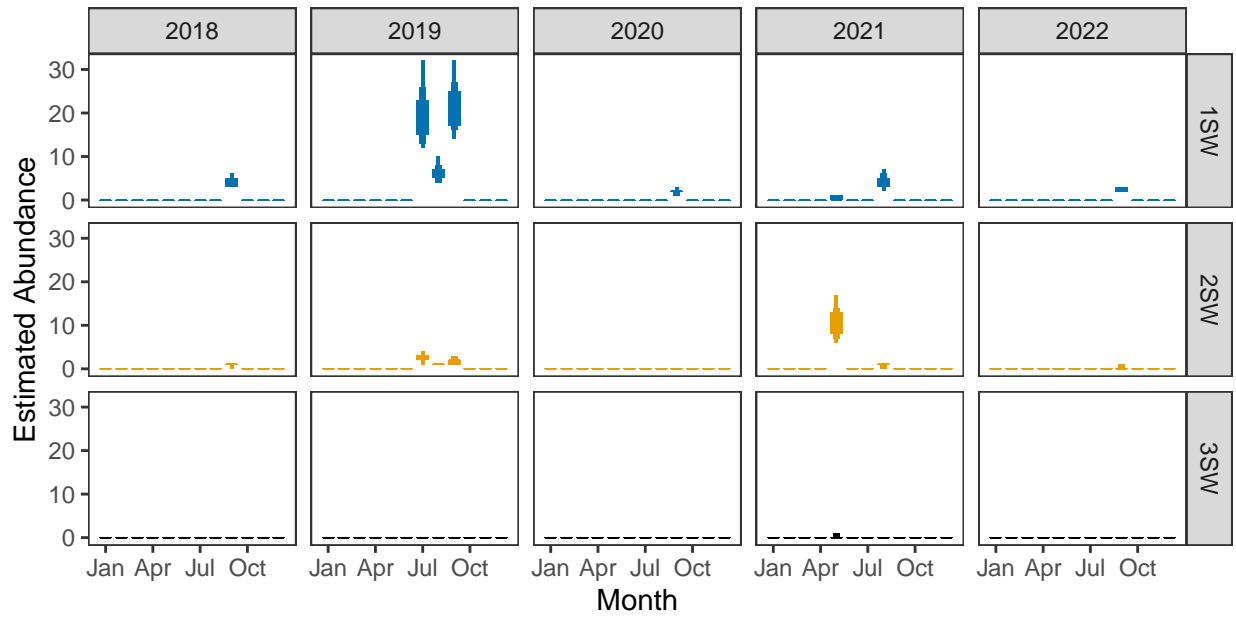
Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
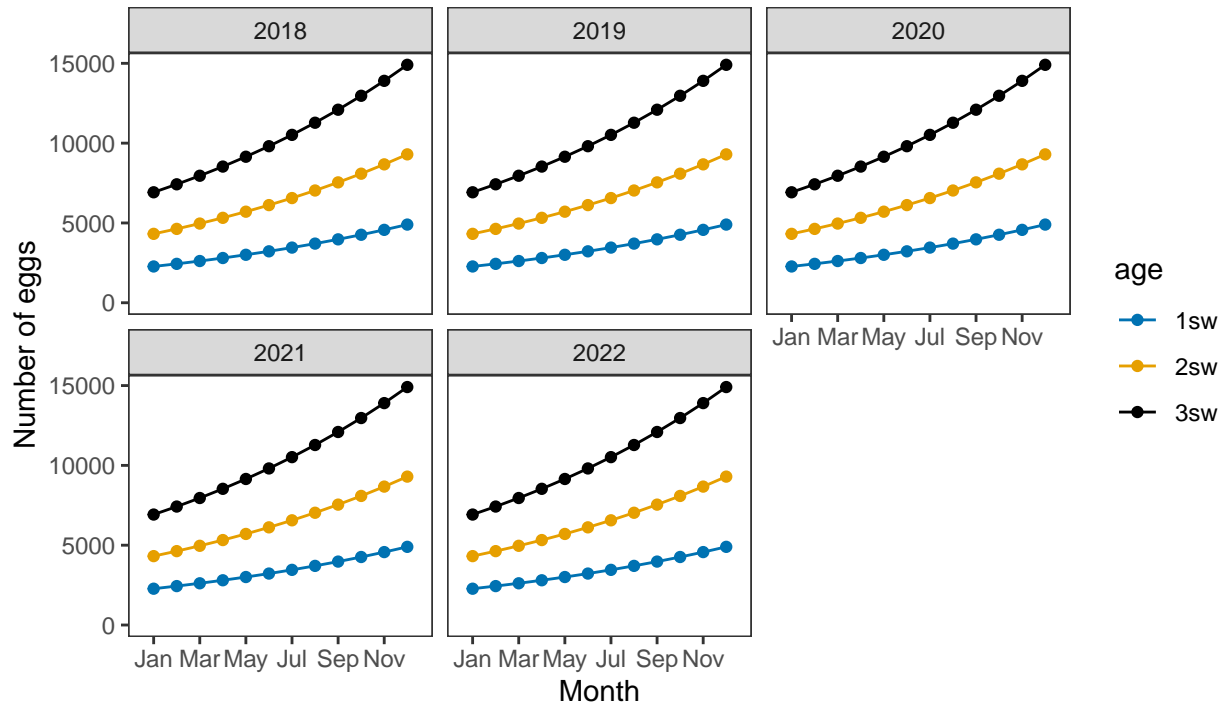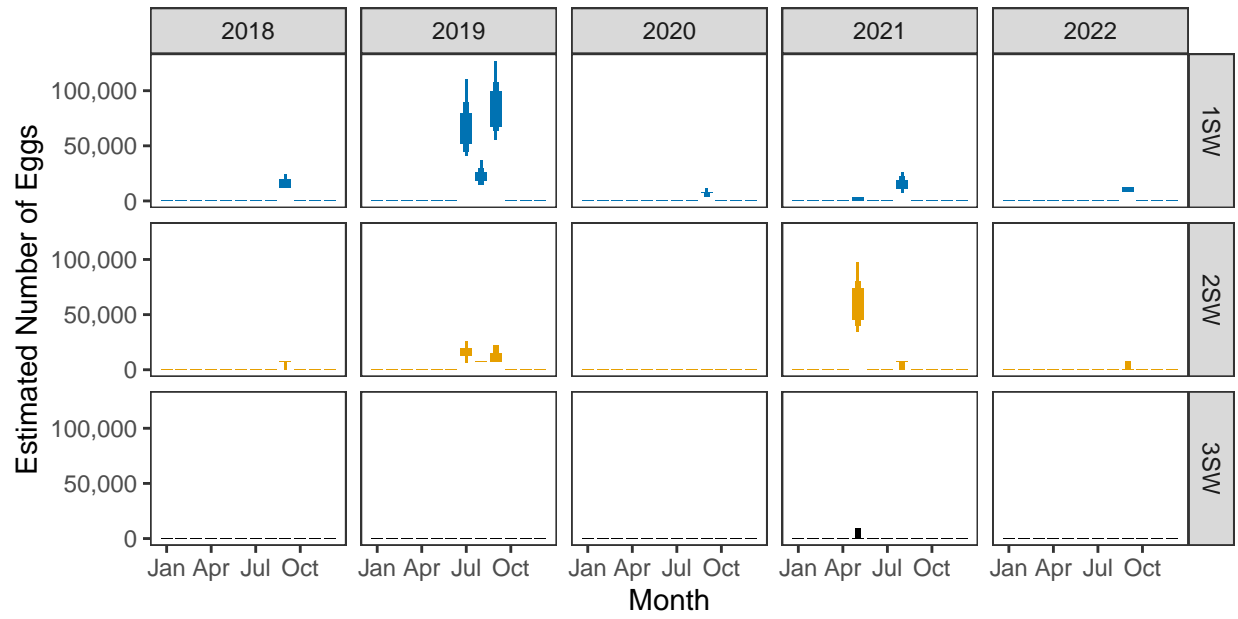
Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

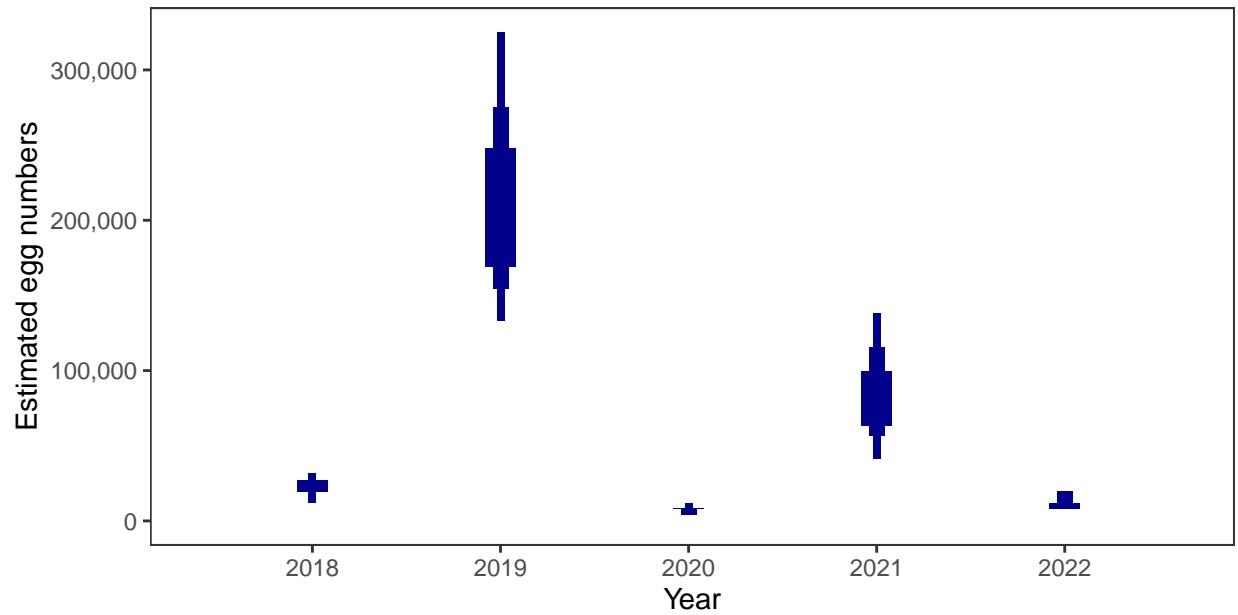### Egg contents of females

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

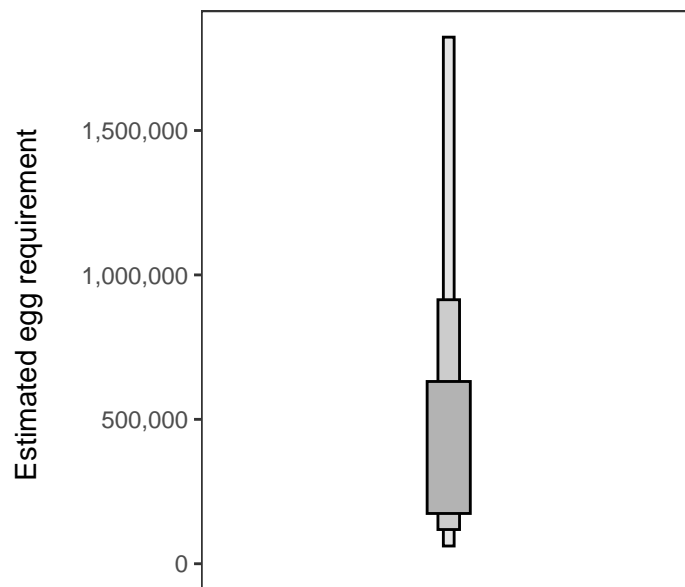Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	1.03
2019	31.97
2020	0.15
2021	8.90
2022	0.34

4. Egg requirement

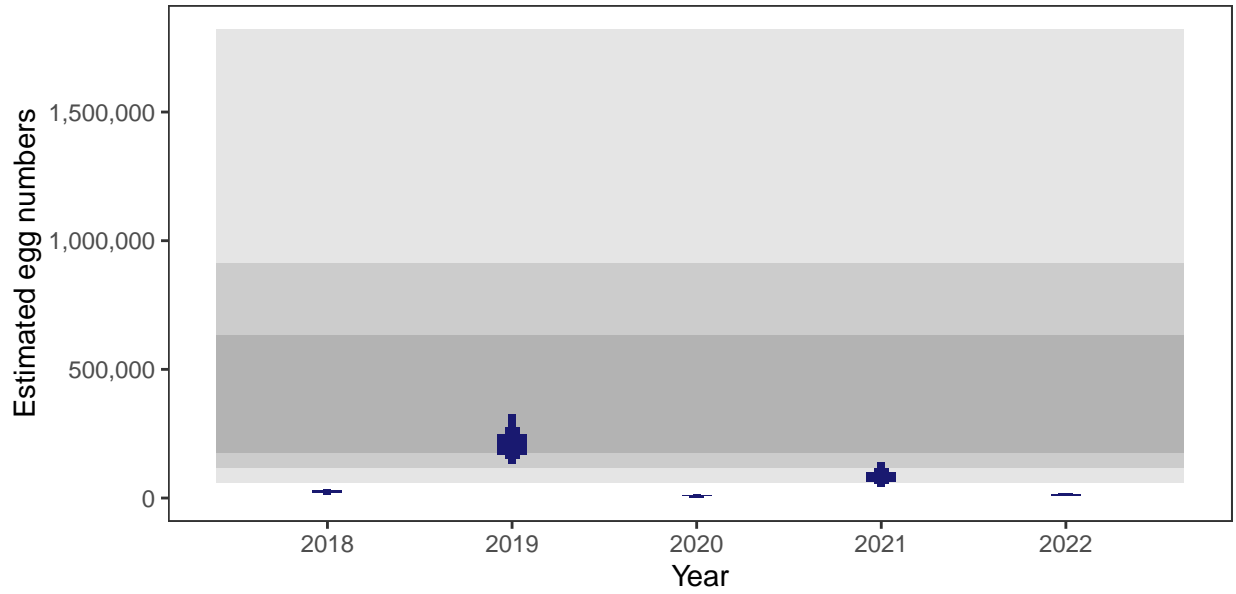### *Areas of salmon habitat in square meters*

There is an estimated 212,575 square meters of known salmon habitat in the Inverie and Guiserein and a further 4,162 square meters where salmon may be present.
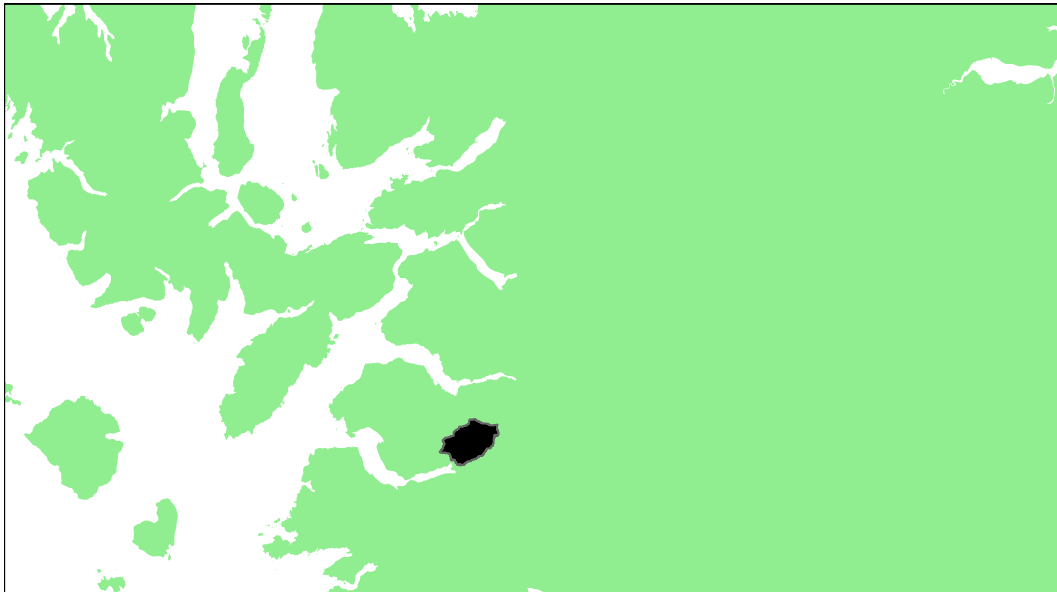
Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
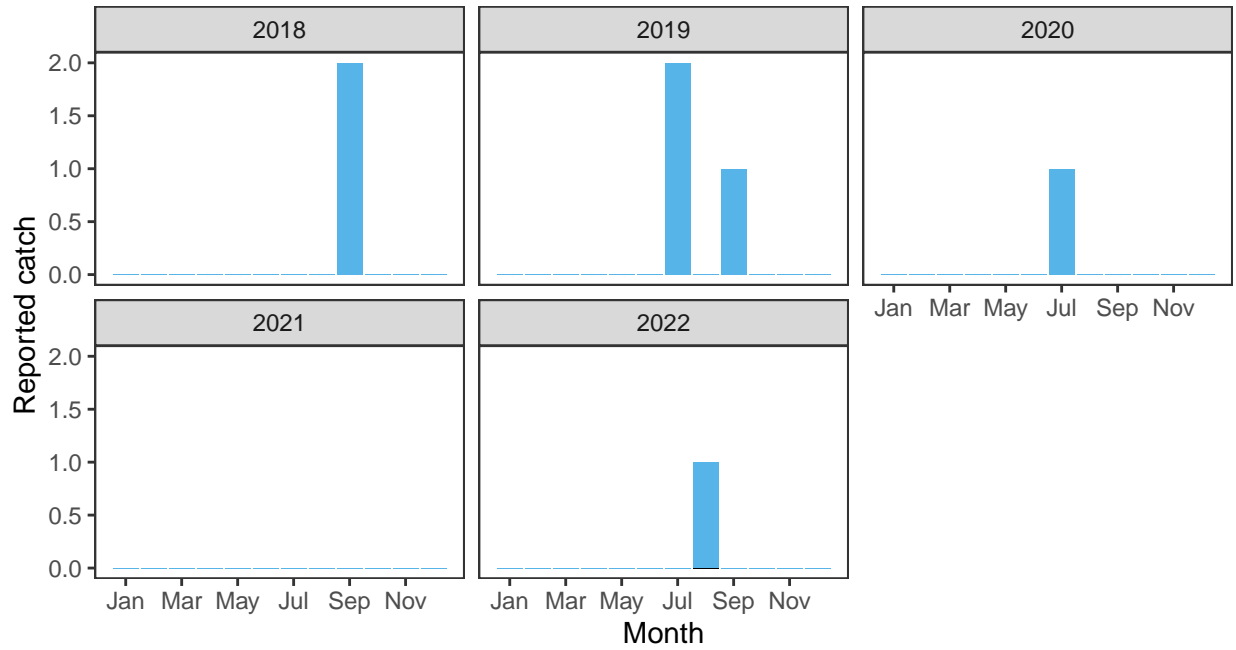
River Carnach: Grade 3

Summary Table

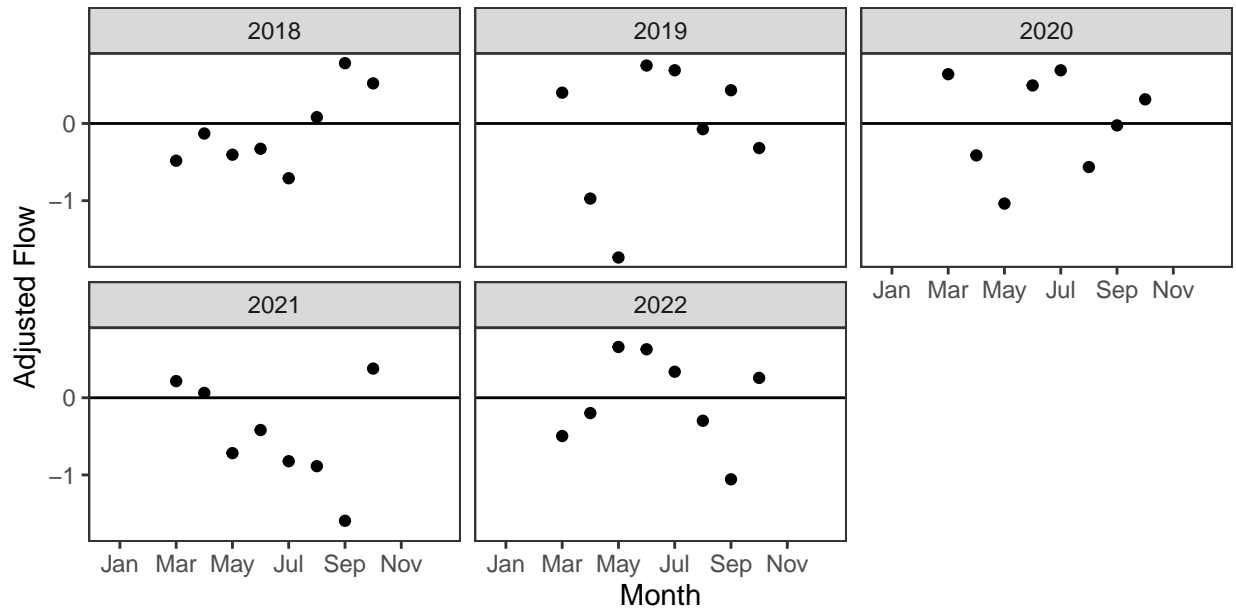| Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						
			2018	2019	2020	2021	2022	Overall	Grade
1.79	73,000	130,000	2.32	11.85	7.71	0.6	3.15	0.05126	3

[a] Figures presented are median values

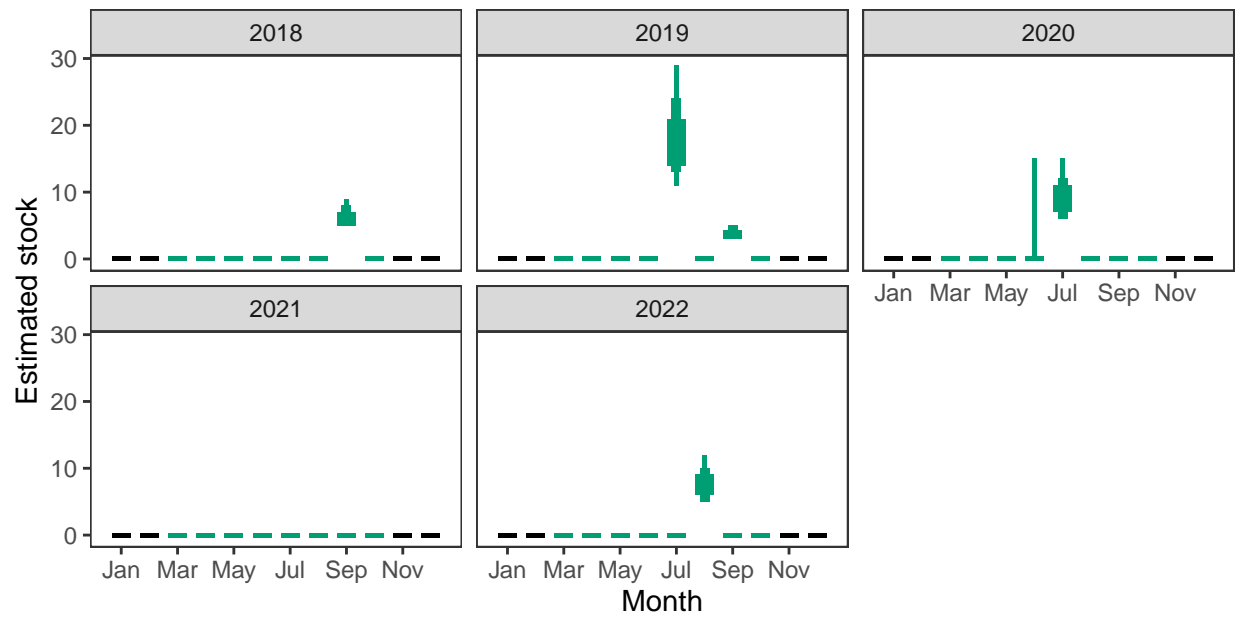# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
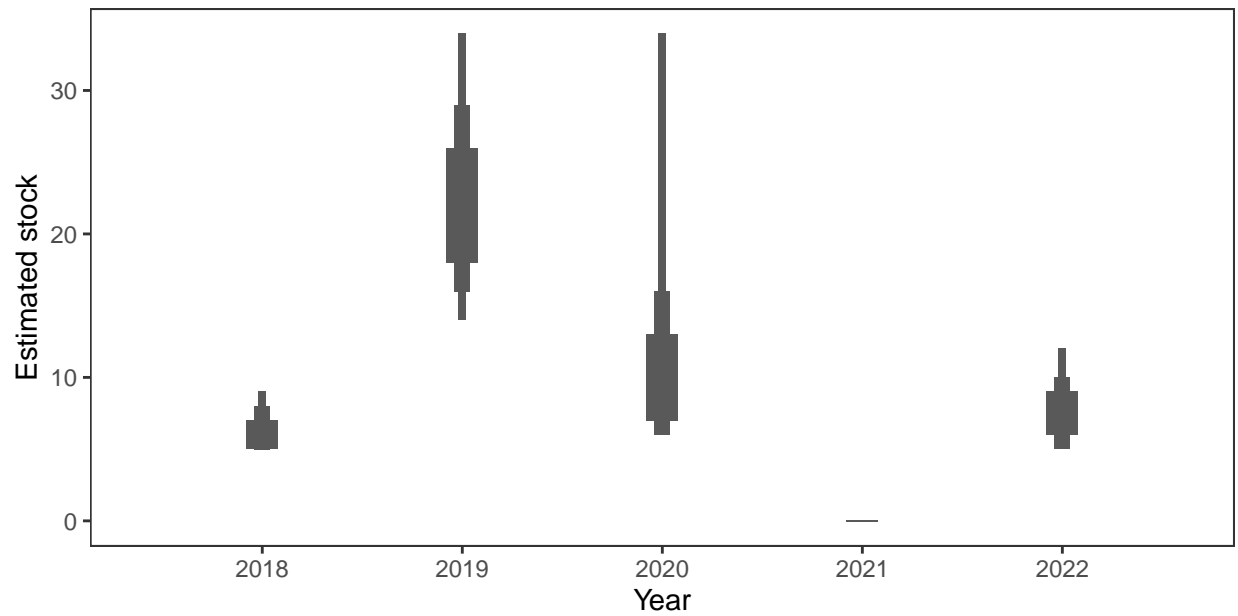

Monthly flow data

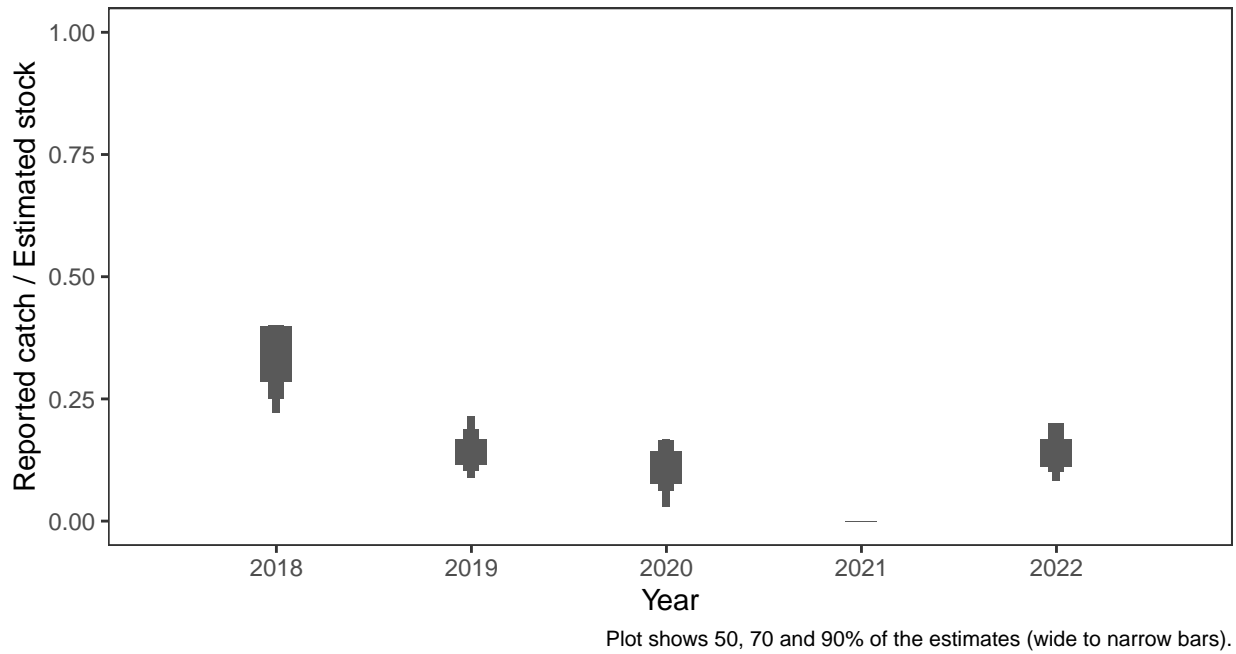## Monthly stock estimates (out of season in black)

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
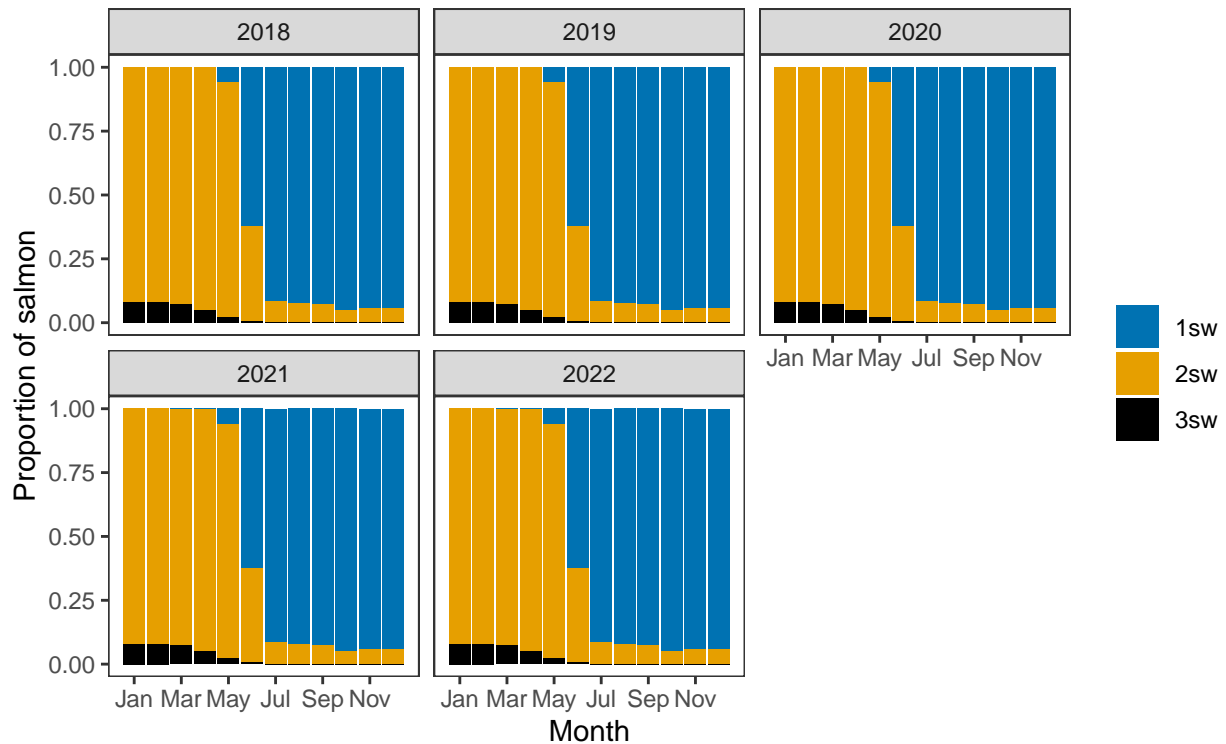
Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
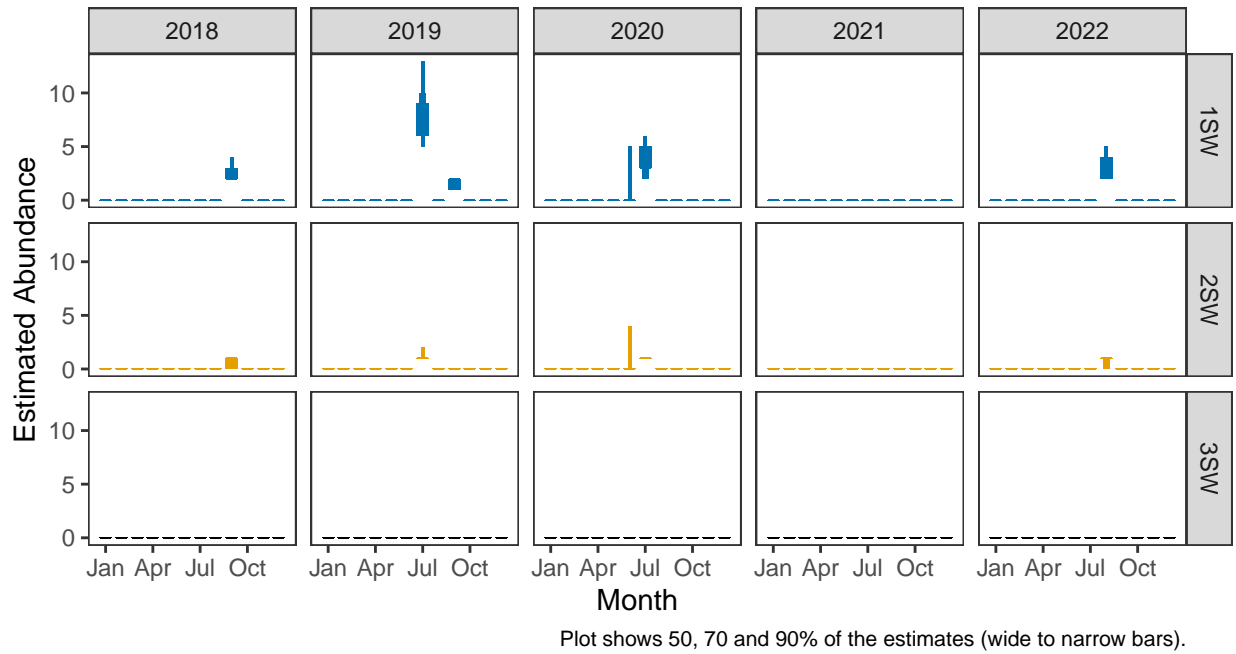
Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
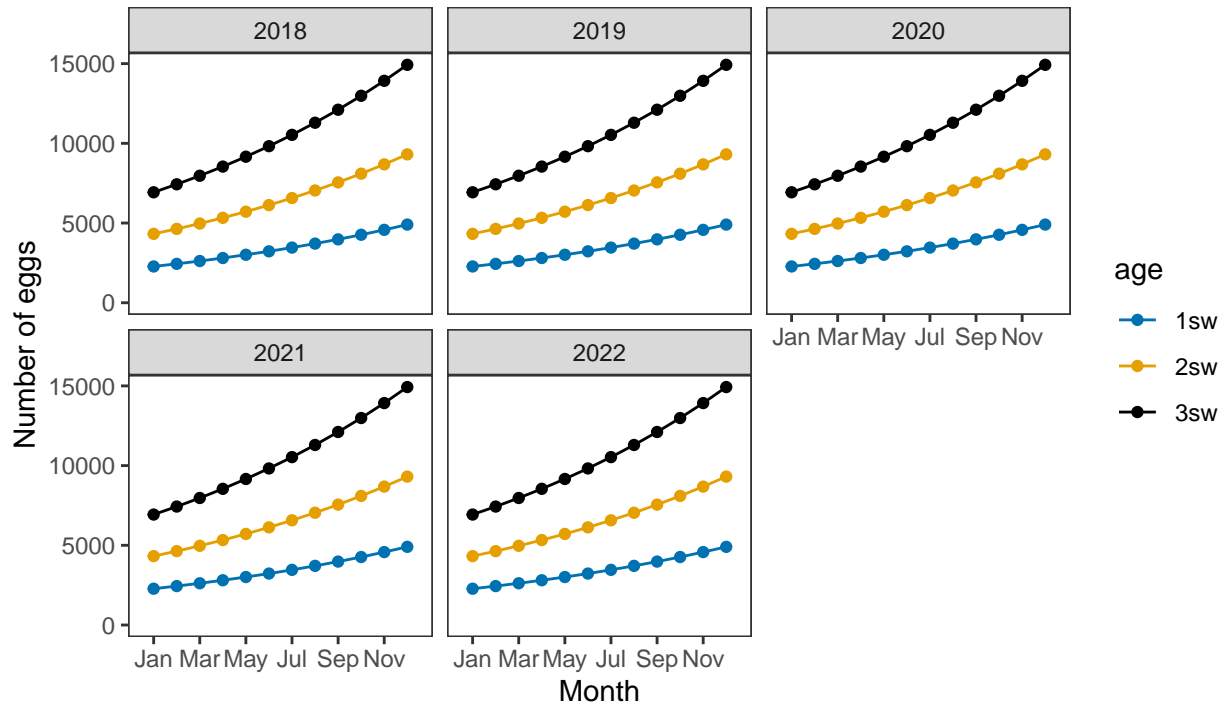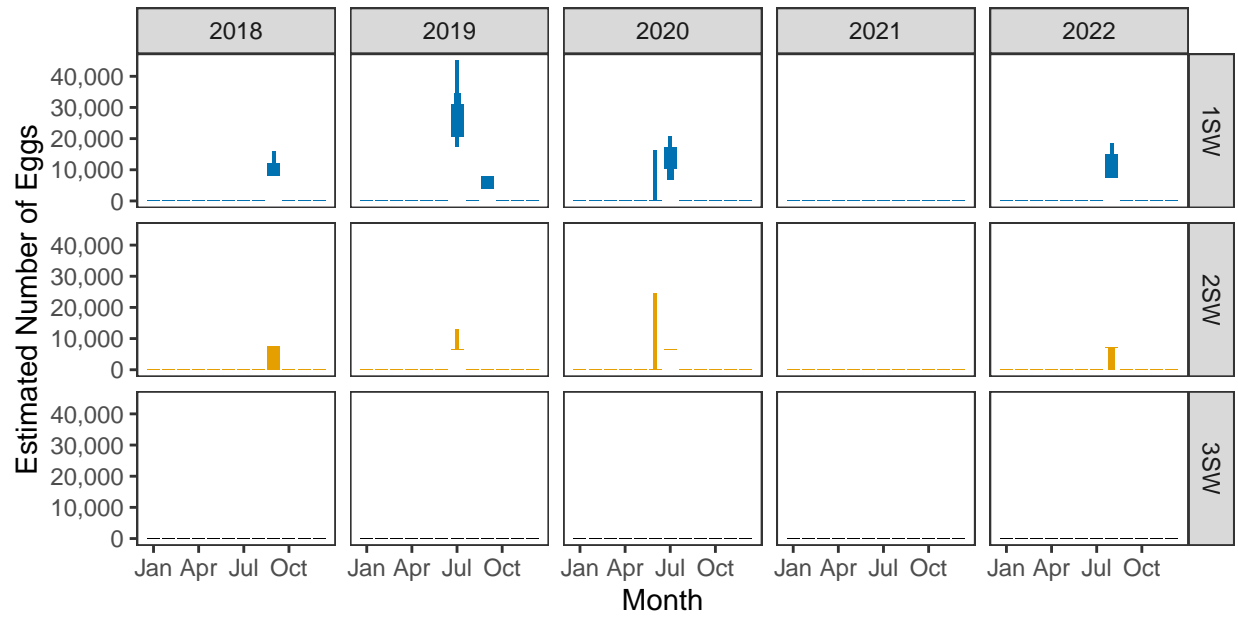
3. Converting Number of Spawners to Number of Eggs

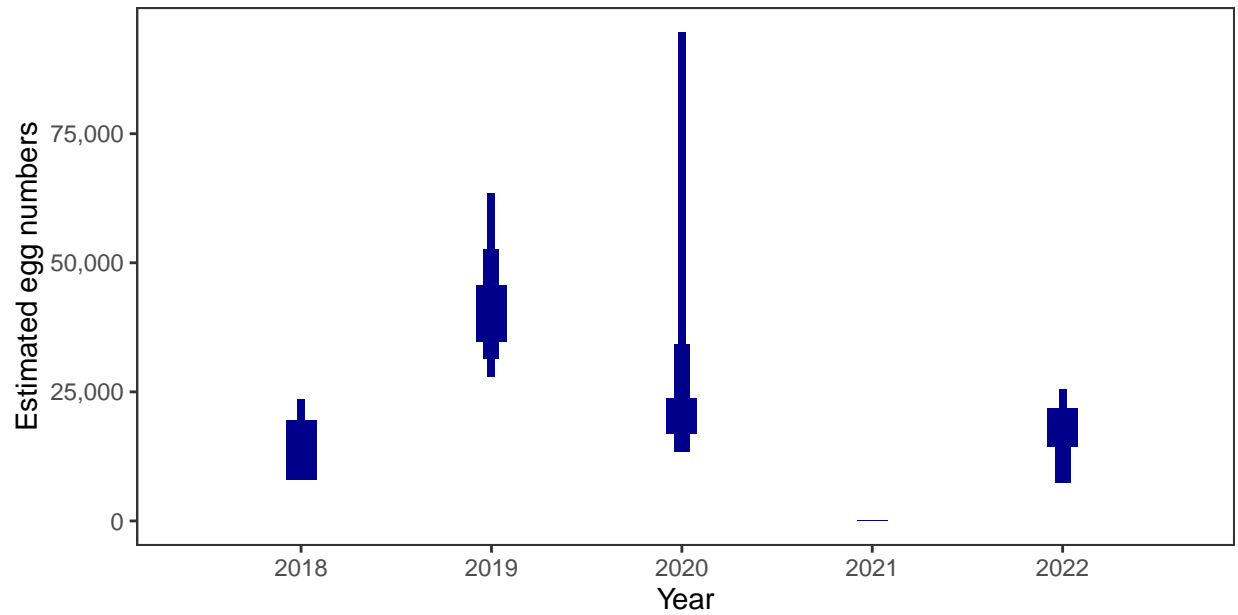*Egg contents of females*

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

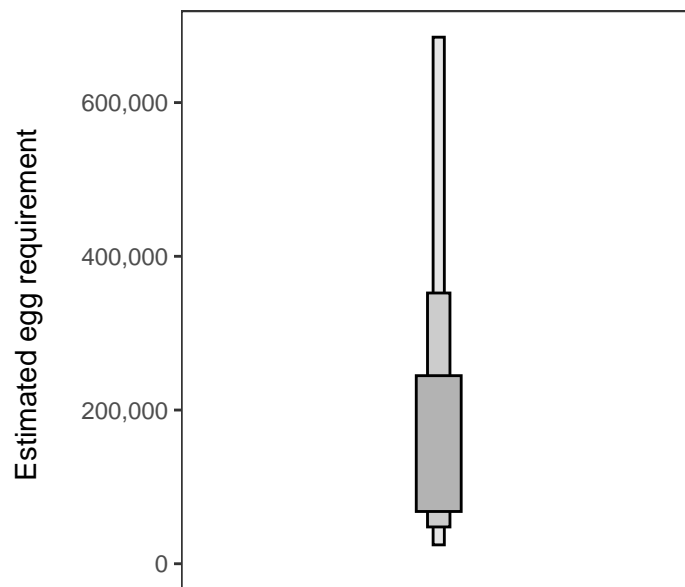Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	2.32
2019	11.85
2020	7.71
2021	0.60
2022	3.15

4. Egg requirement

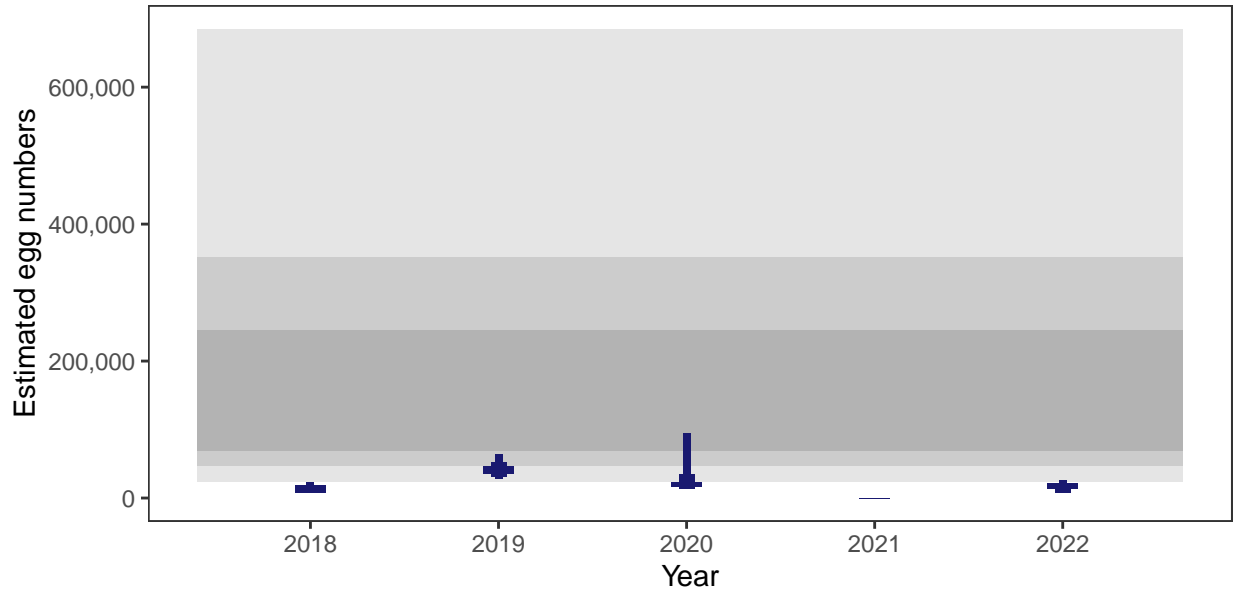### *Areas of salmon habitat in square meters*

There is an estimated 81,852 square meters of known salmon habitat in the River Carnach and a further 1,806 square meters where salmon may be present.

Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas
represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
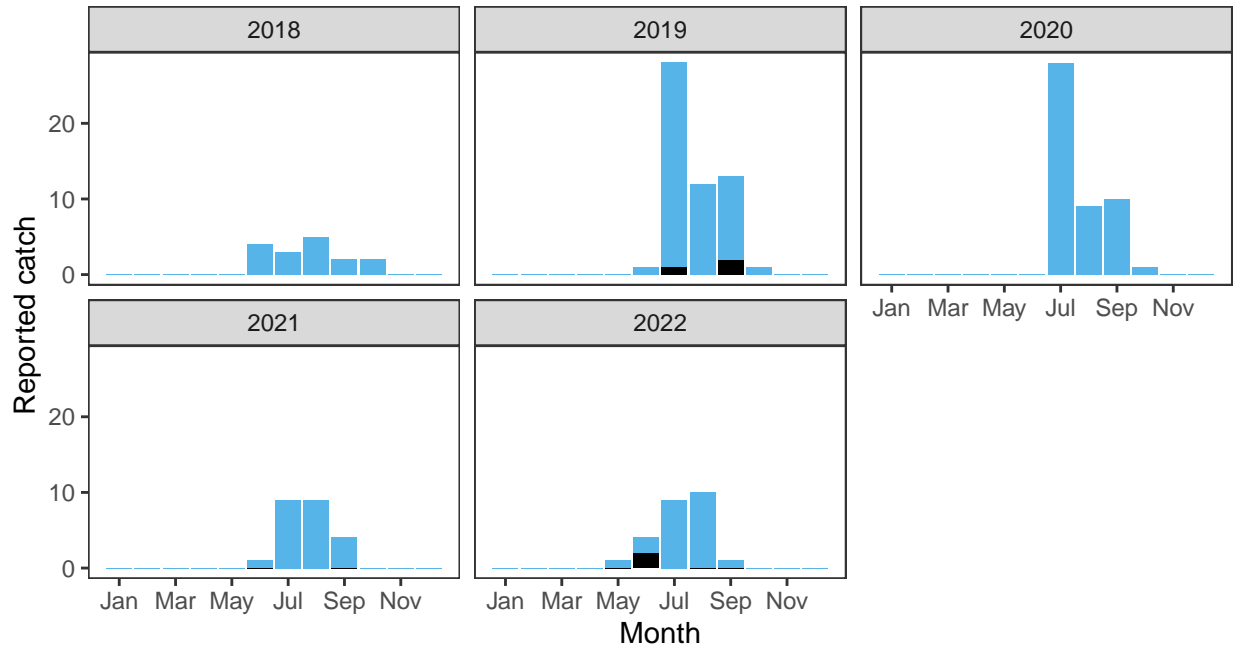
River Morar: Grade 2

Summary Table

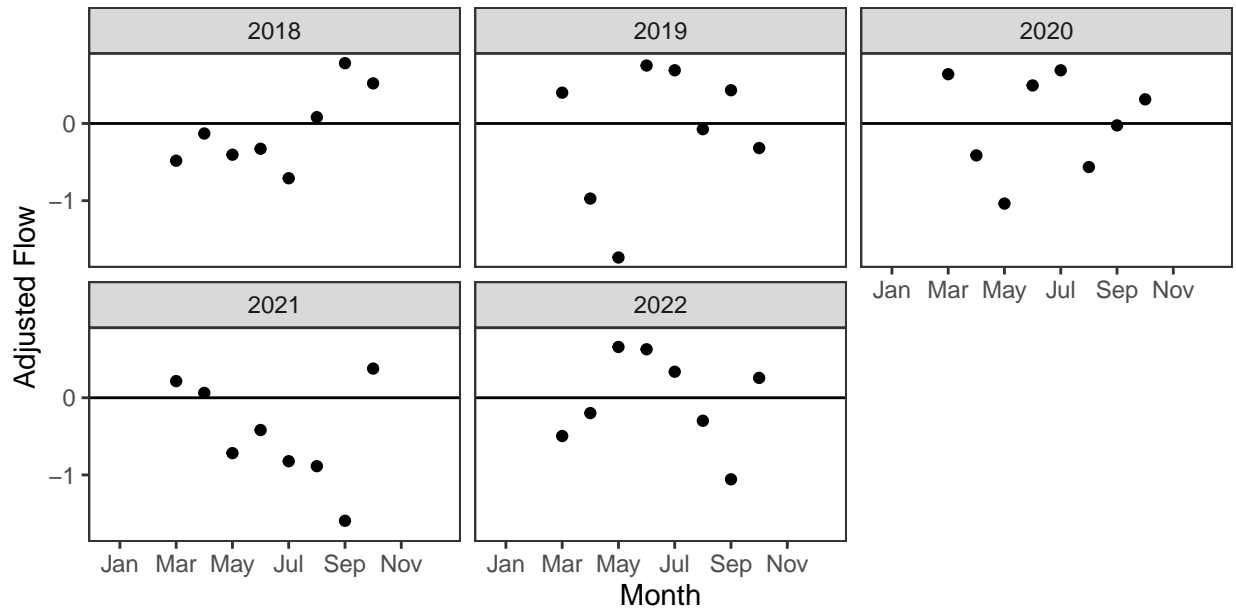| Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
2.41	201,000	483,000	22.8	90.86	92.55	58.76	51.37	0.63268	2

[a] Figures presented are median values

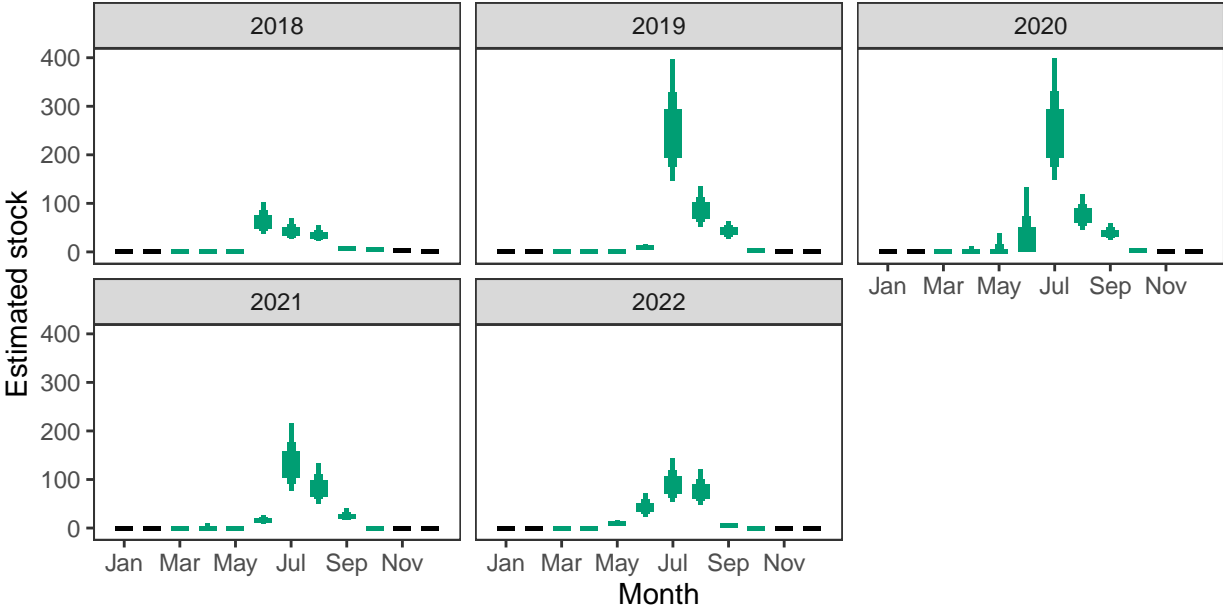# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
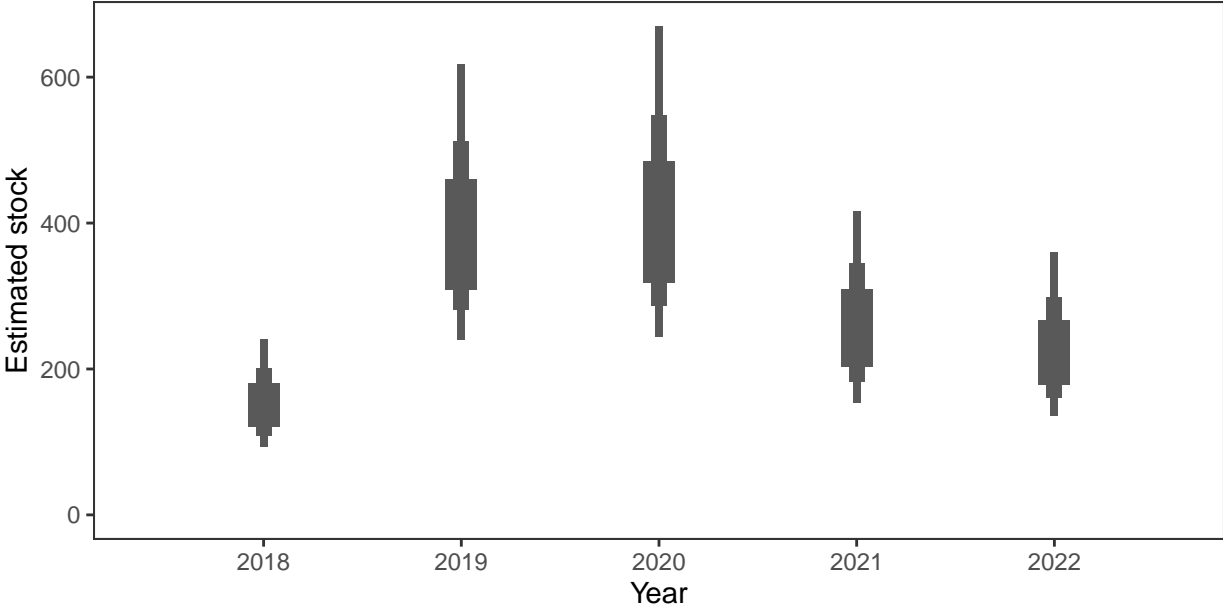

Monthly flow data

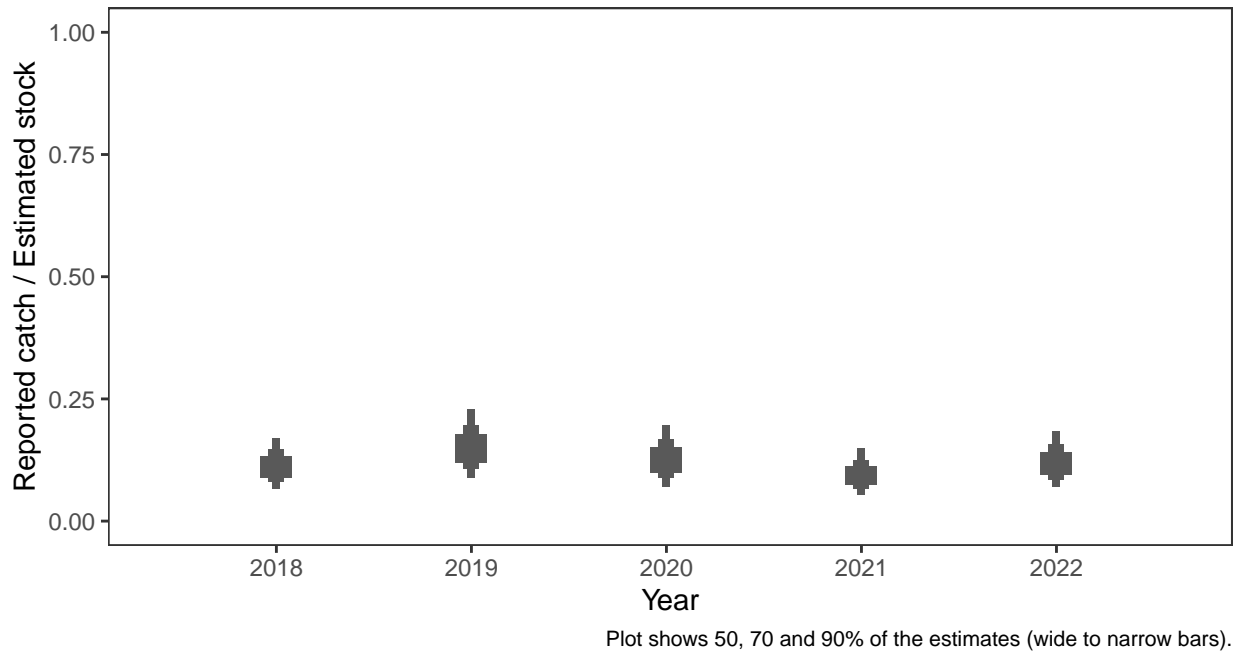## Monthly stock estimates (out of season in black)

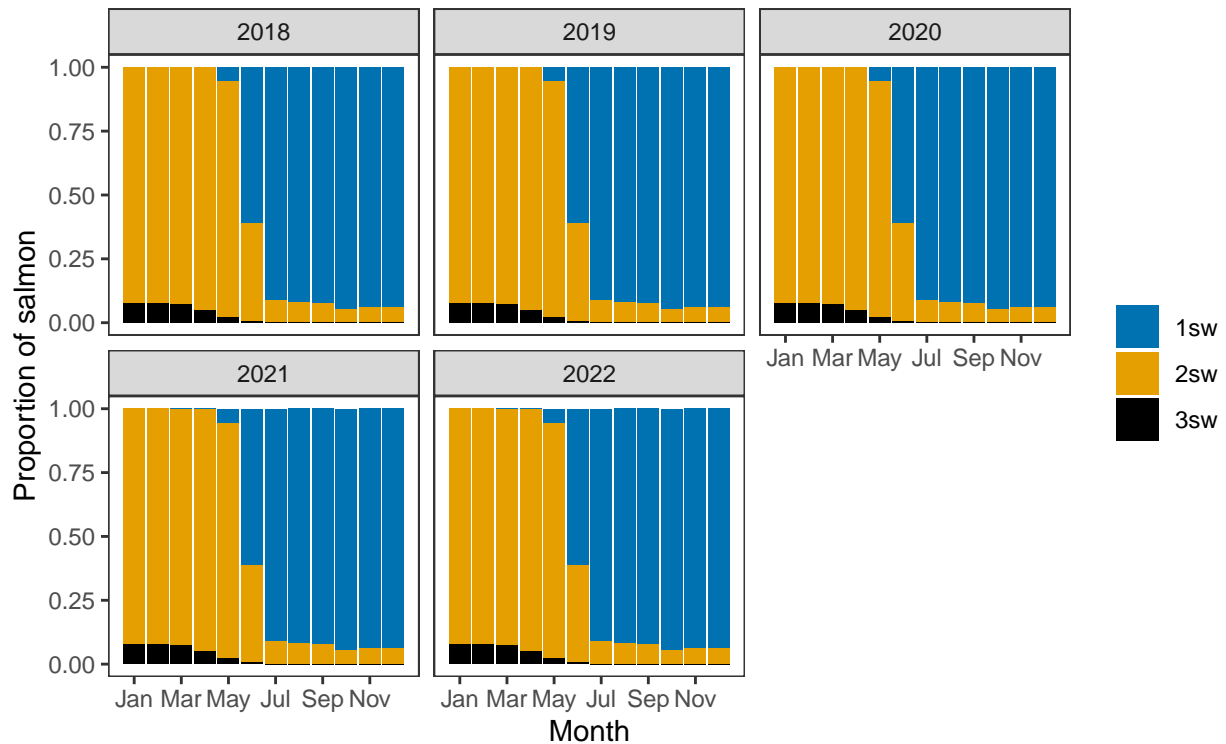Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
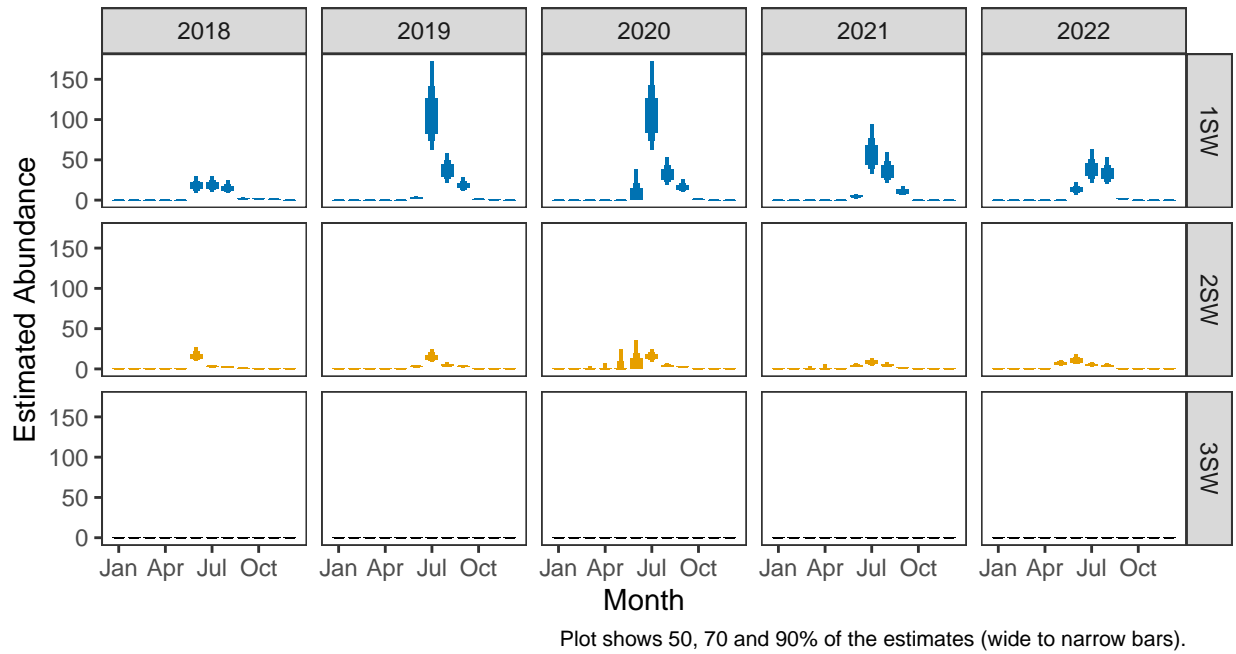
Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
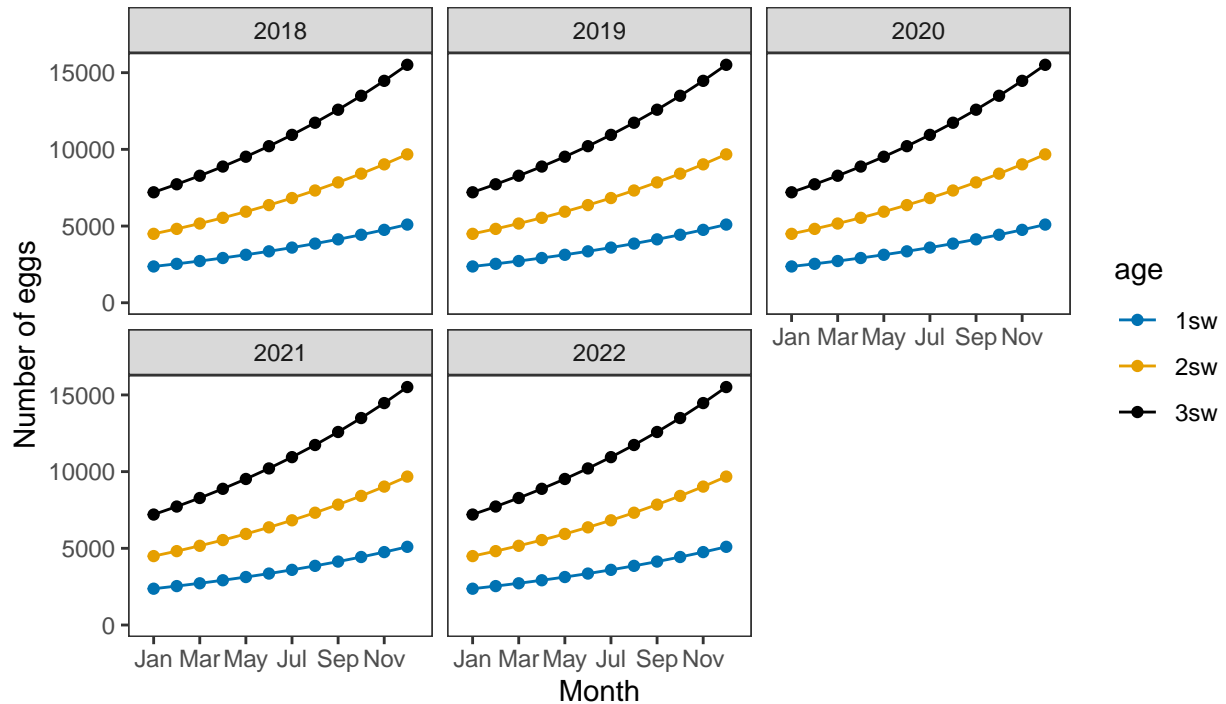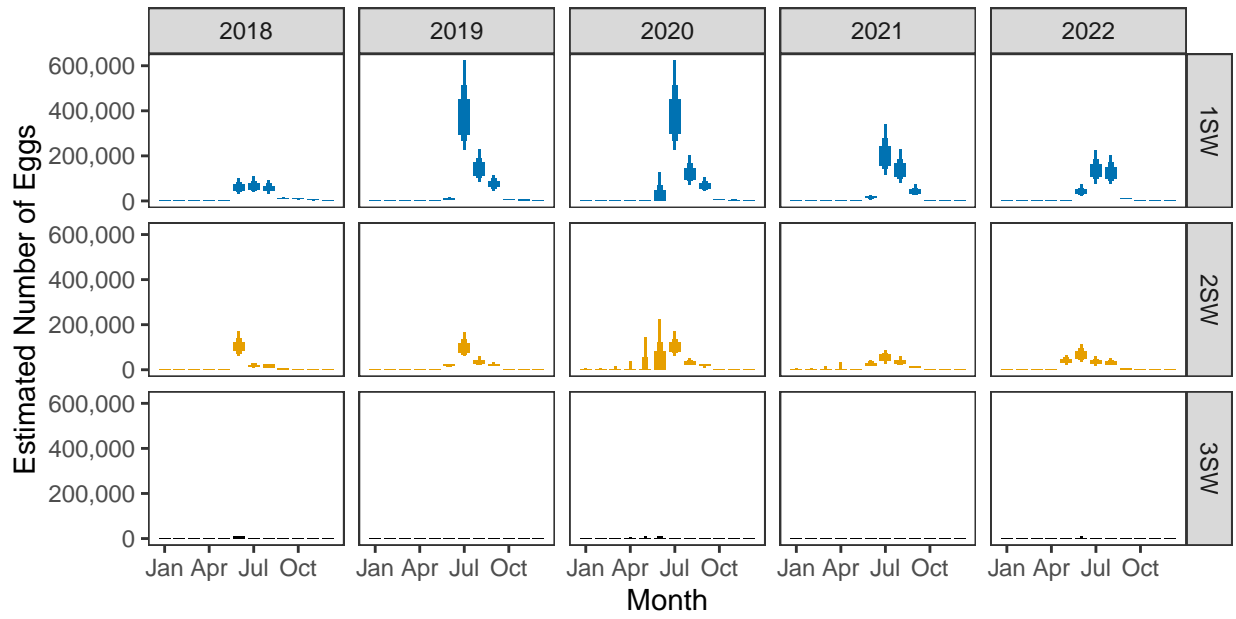
3. Converting Number of Spawners to Number of Eggs
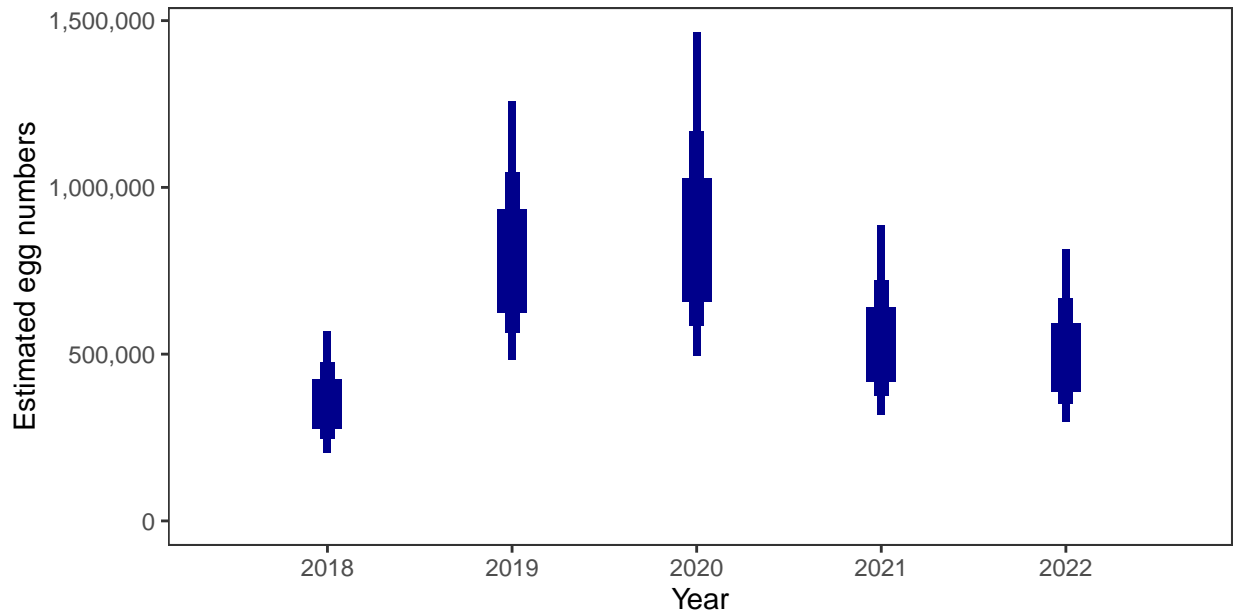
Egg contents of females

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

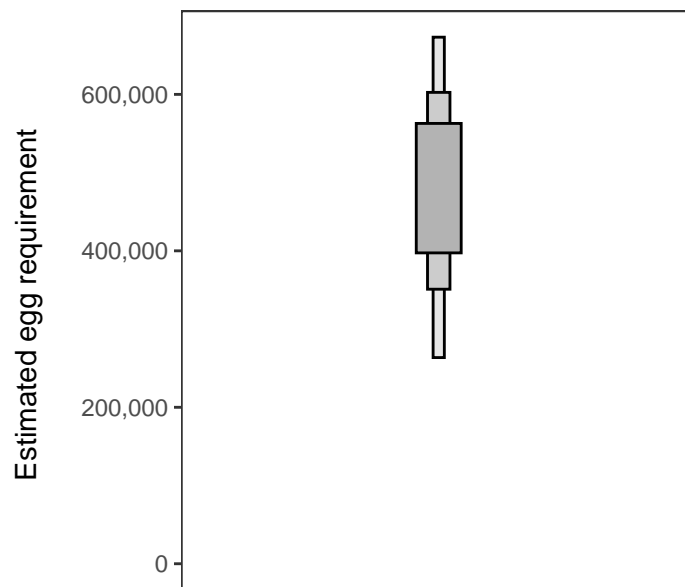Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	22.80
2019	90.86
2020	92.55
2021	58.76
2022	51.37

4. Egg requirement

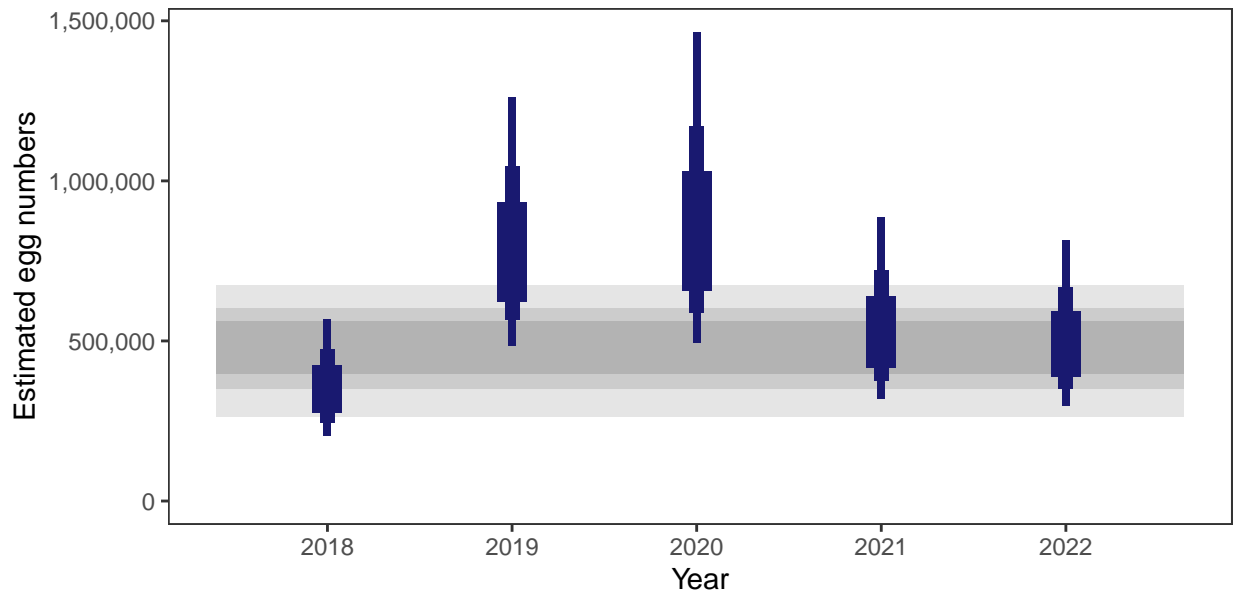### *Areas of salmon habitat in square meters*

There is an estimated 216,807 square meters of known salmon habitat in the River Morar and a further 22,034 square meters where salmon may be present.
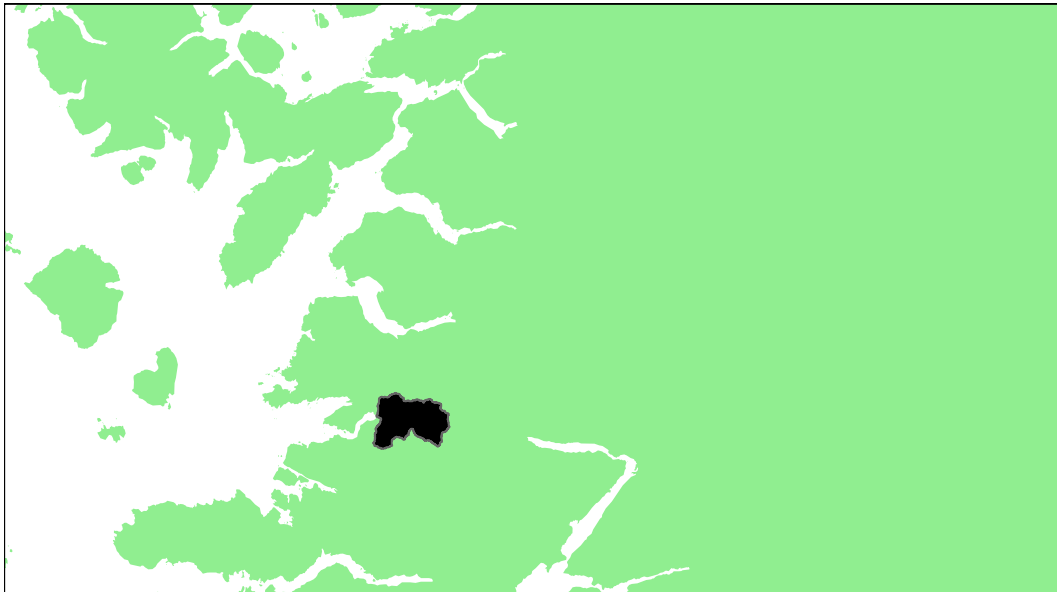
Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
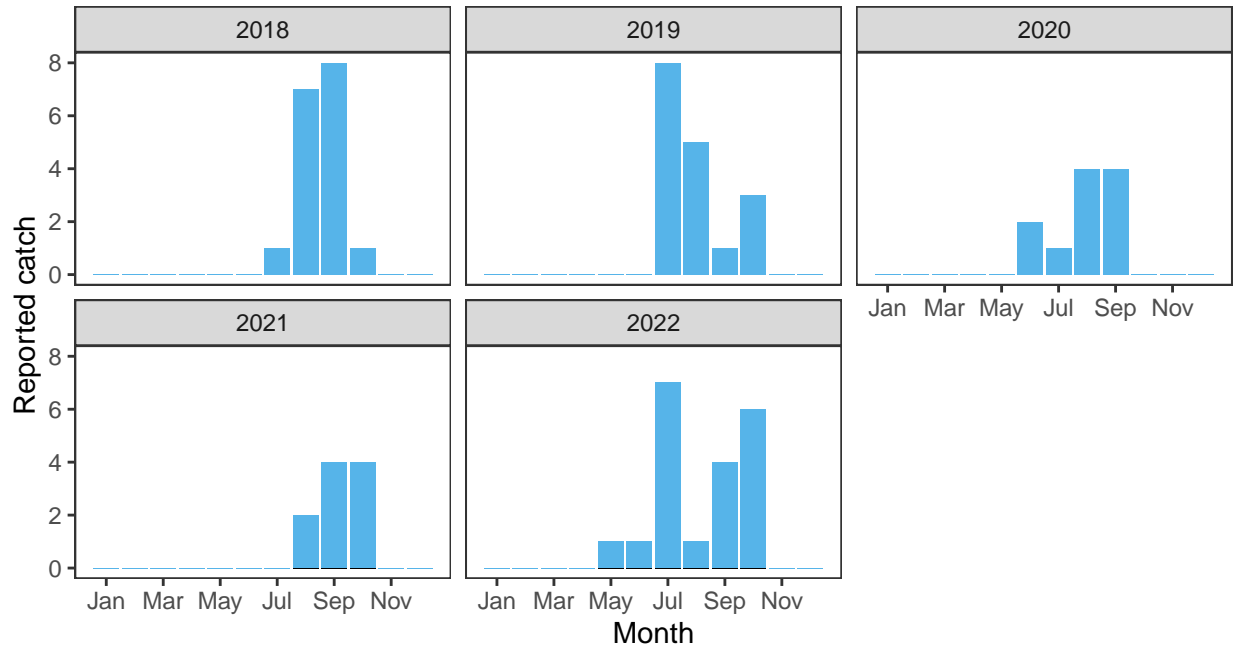
River Ailort: Grade 3

Summary Table

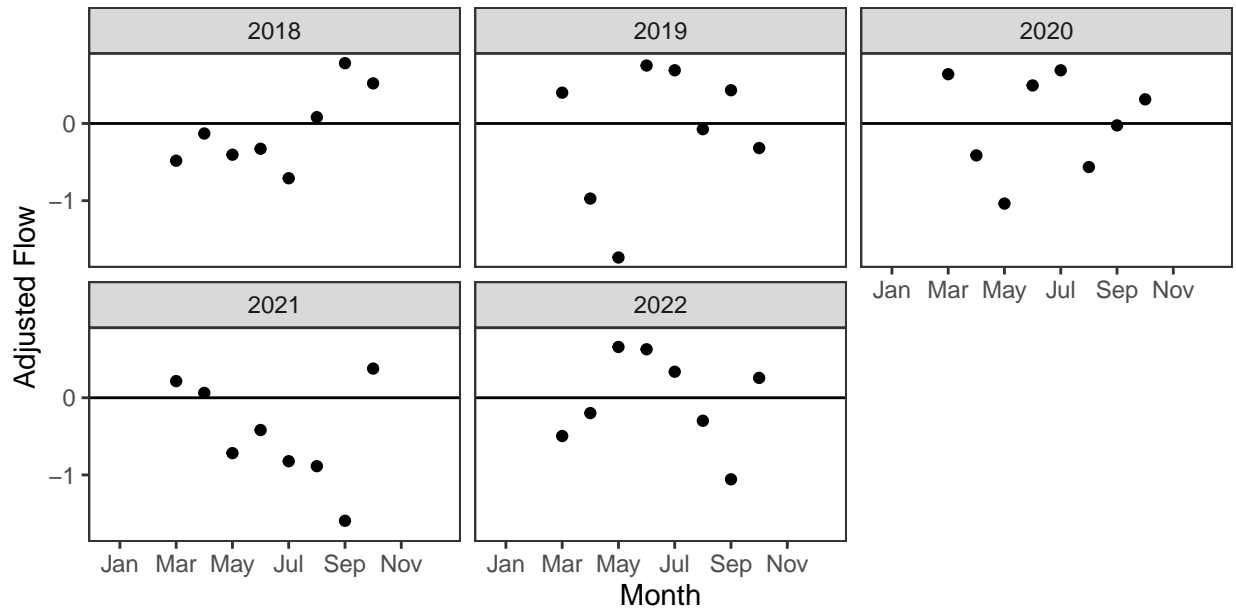| Eggs required (m²)ᵃ	Area (m²)ᵃ	Total egg requirementᵃ	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
1.88	97,000	182,000	48.7	58.06	47.88	30.73	67.99	0.50672	3

ᵃ Figures presented are median values

1. Converting Reported Catches to Numbers of Returning Salmon
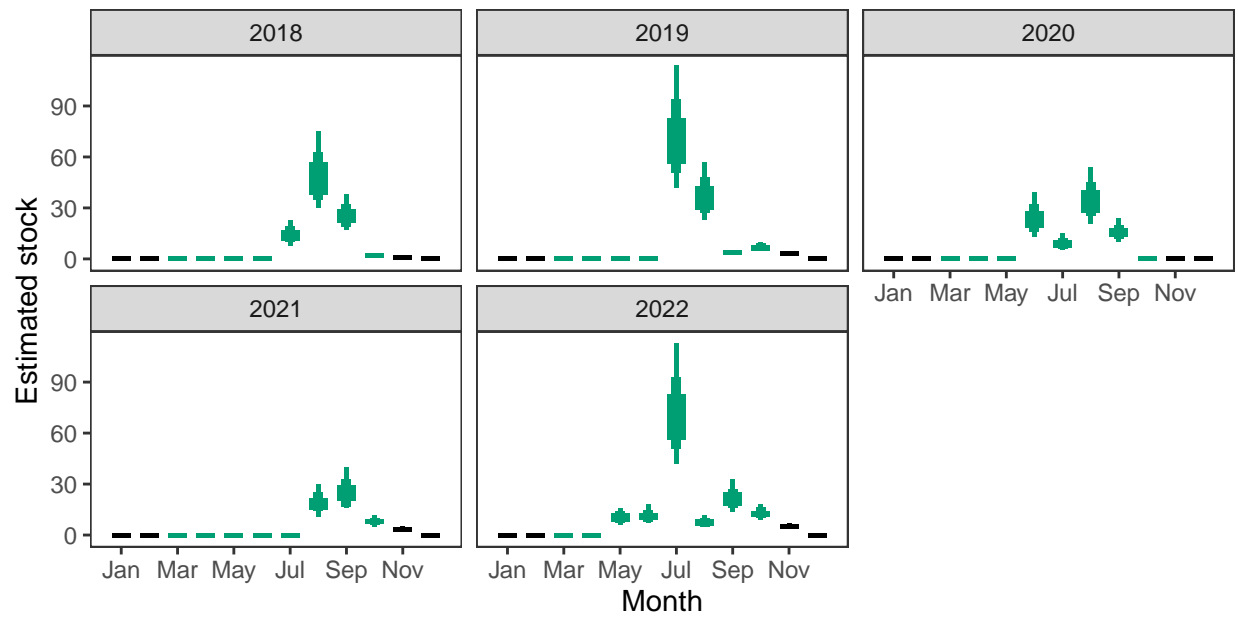
Reported Catches (black = retained, blue = released)
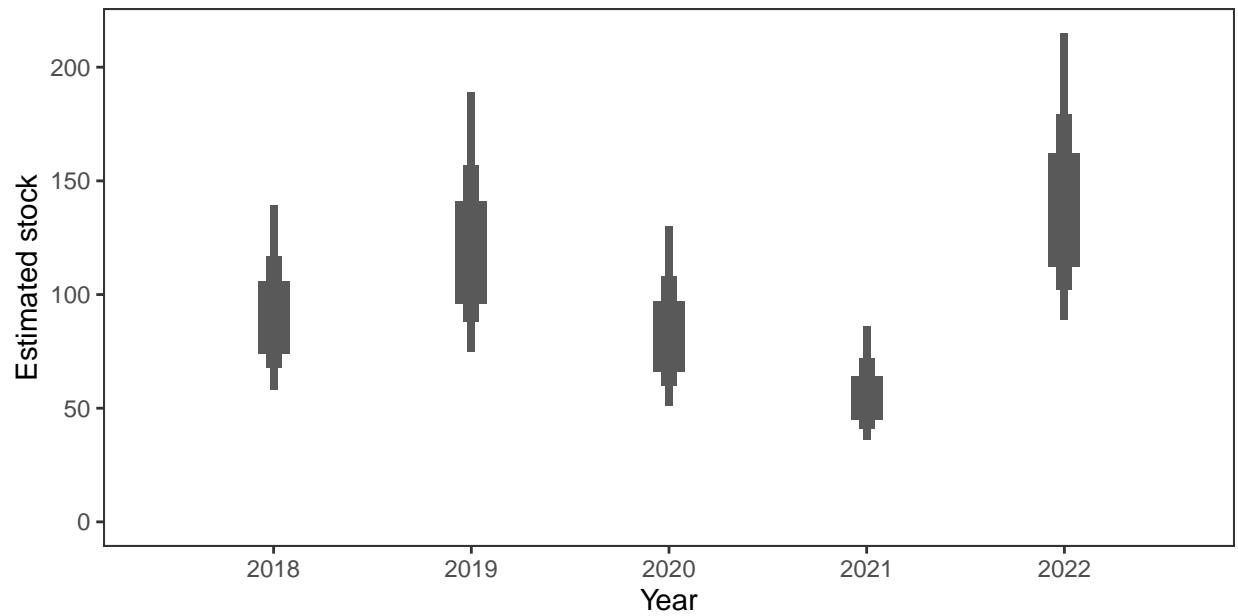

Monthly flow data

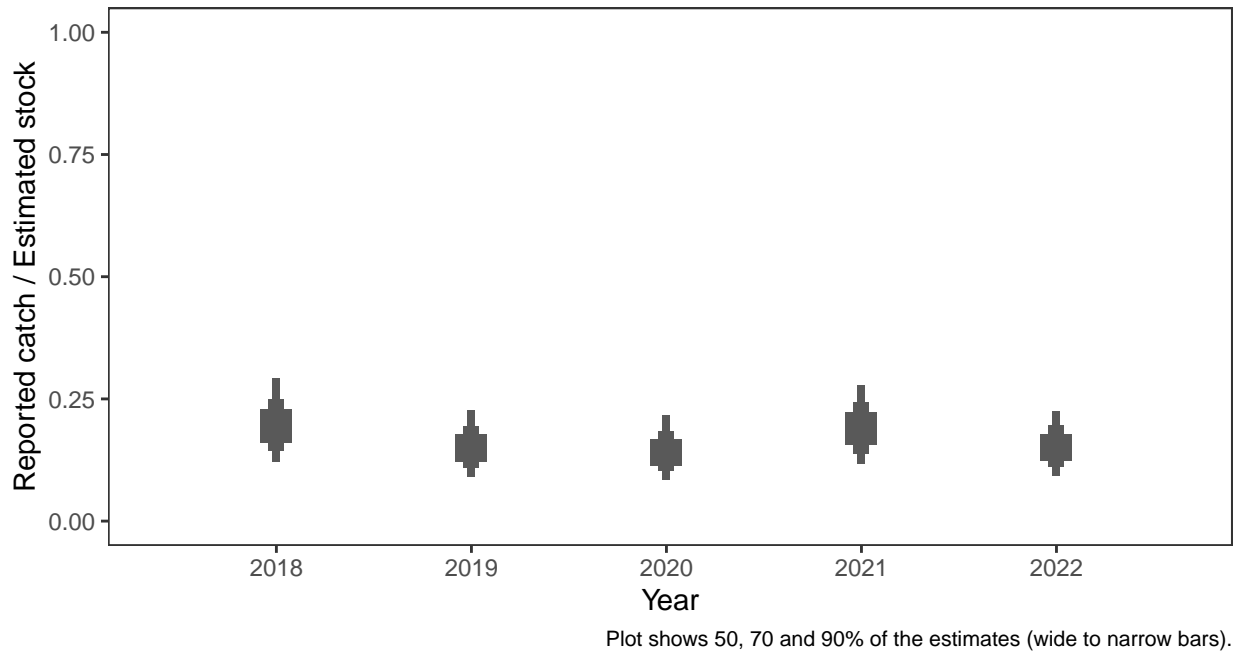## Monthly stock estimates (out of season in black)

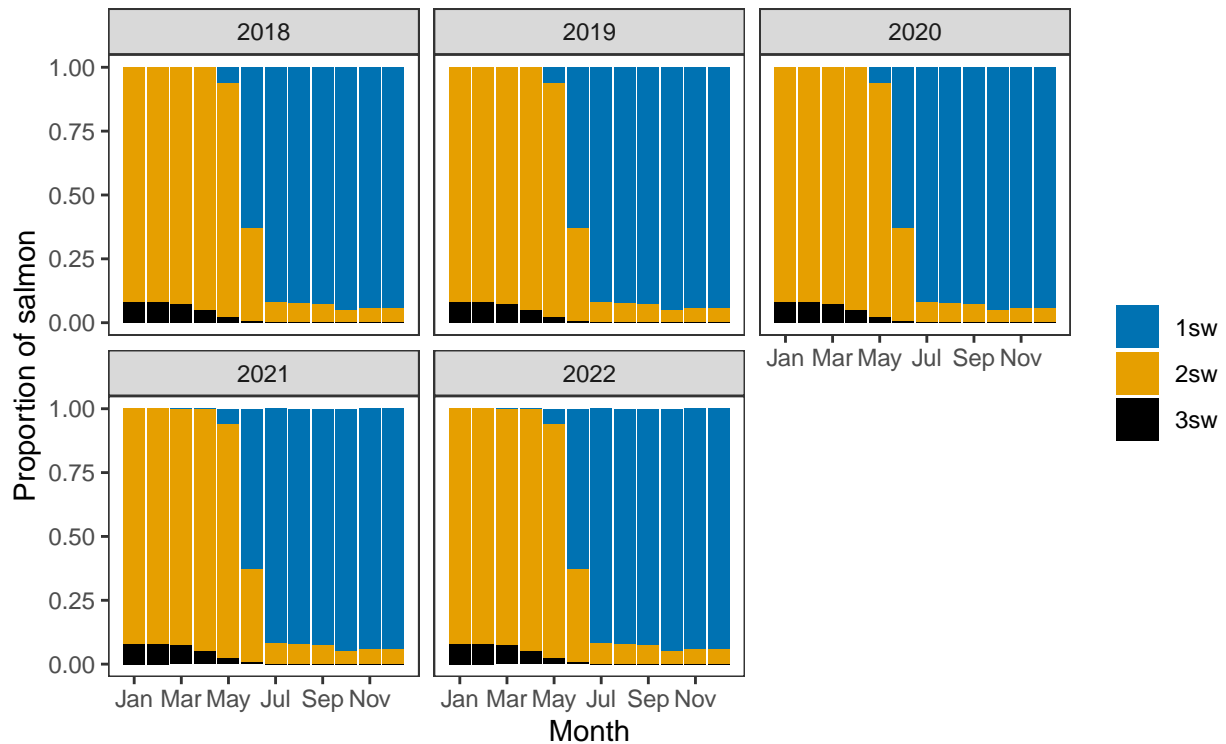Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
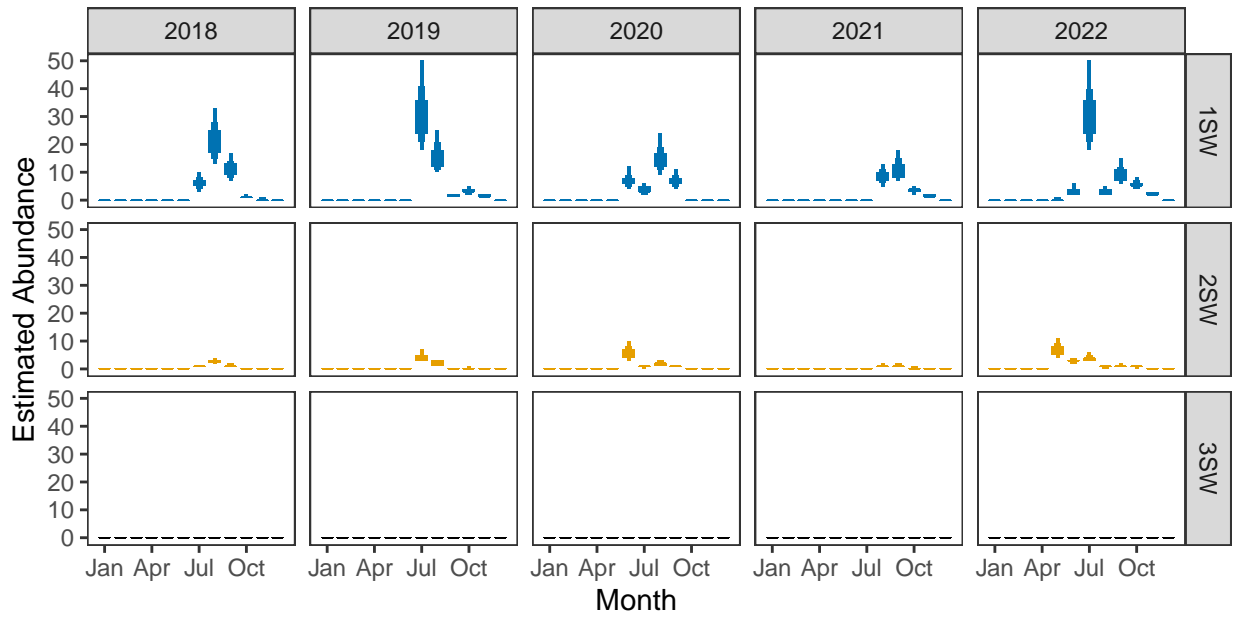
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
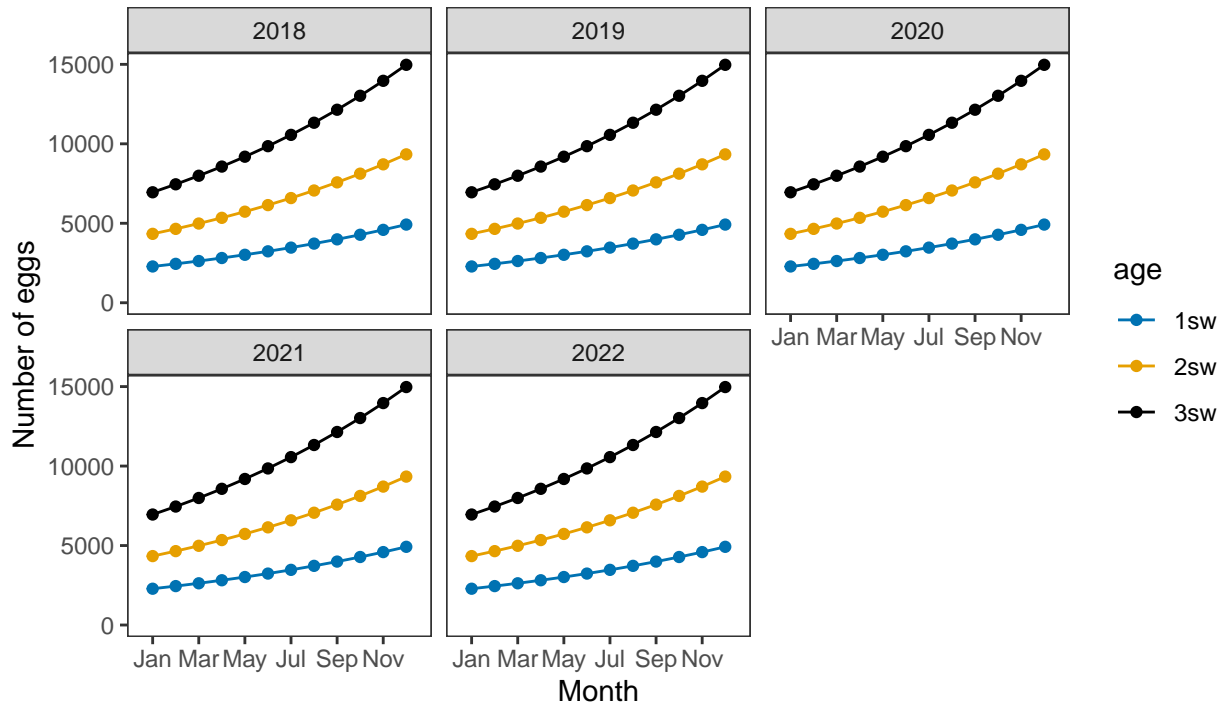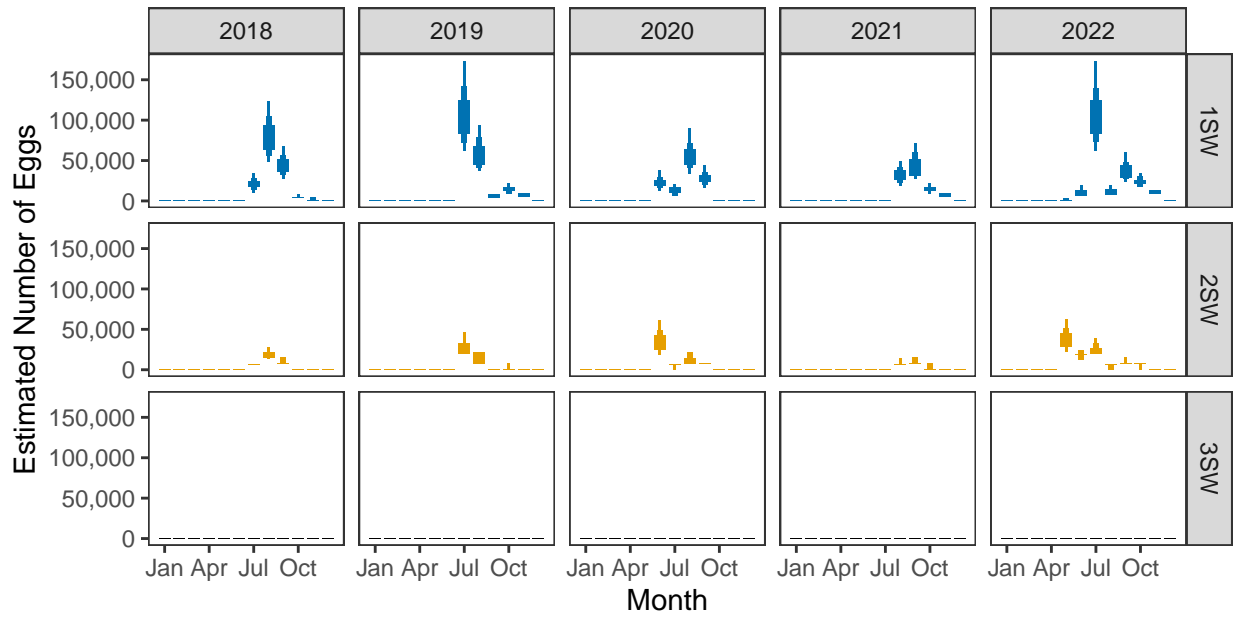
Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs
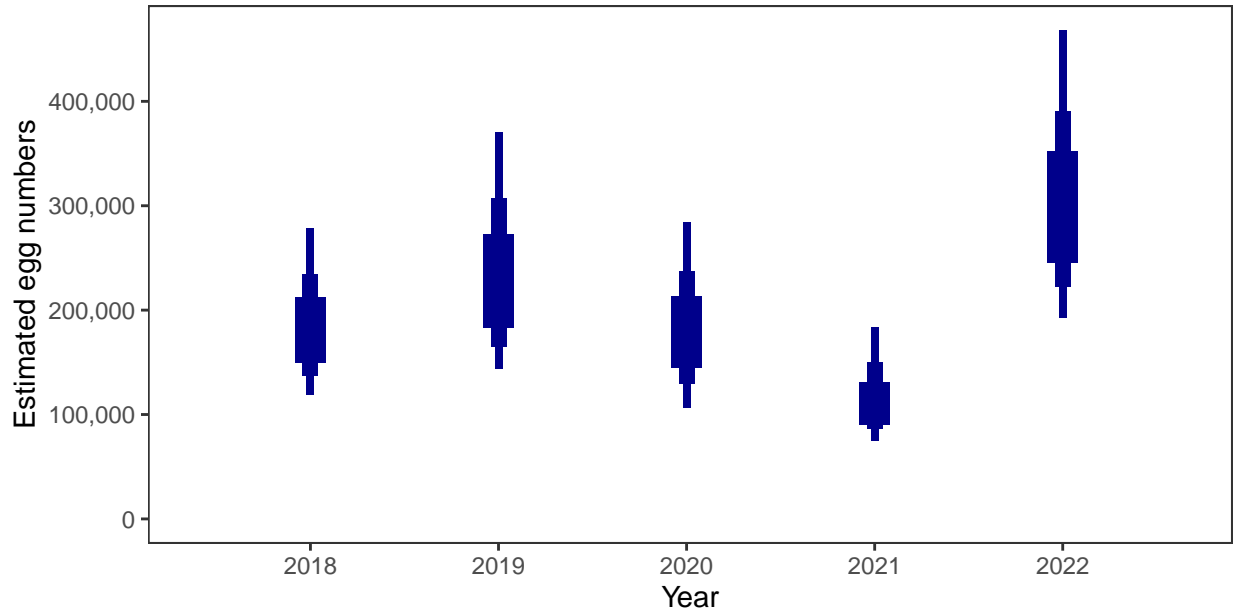
Egg contents of females

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

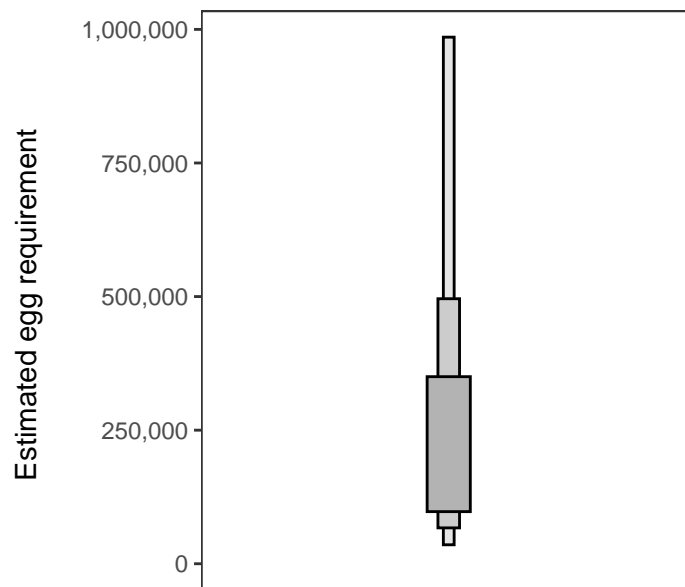Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	48.70
2019	58.06
2020	47.88
2021	30.73
2022	67.99

4. Egg requirement

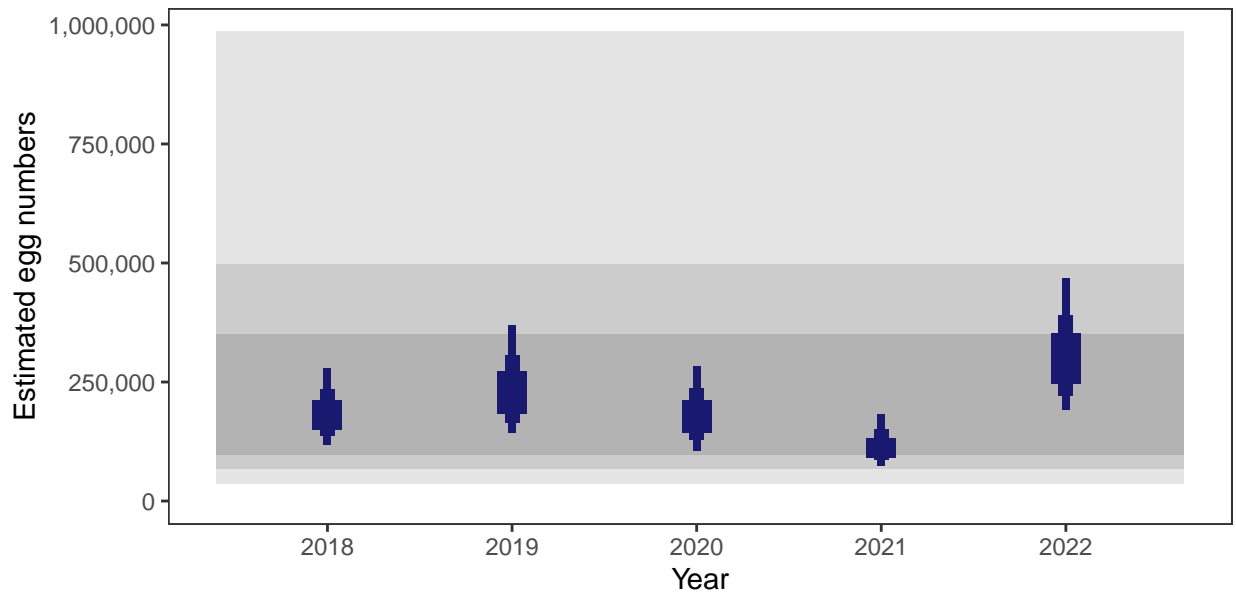### *Areas of salmon habitat in square meters*

There is an estimated 105,955 square meters of known salmon habitat in the River Ailort and a further 8,326 square meters where salmon may be present.
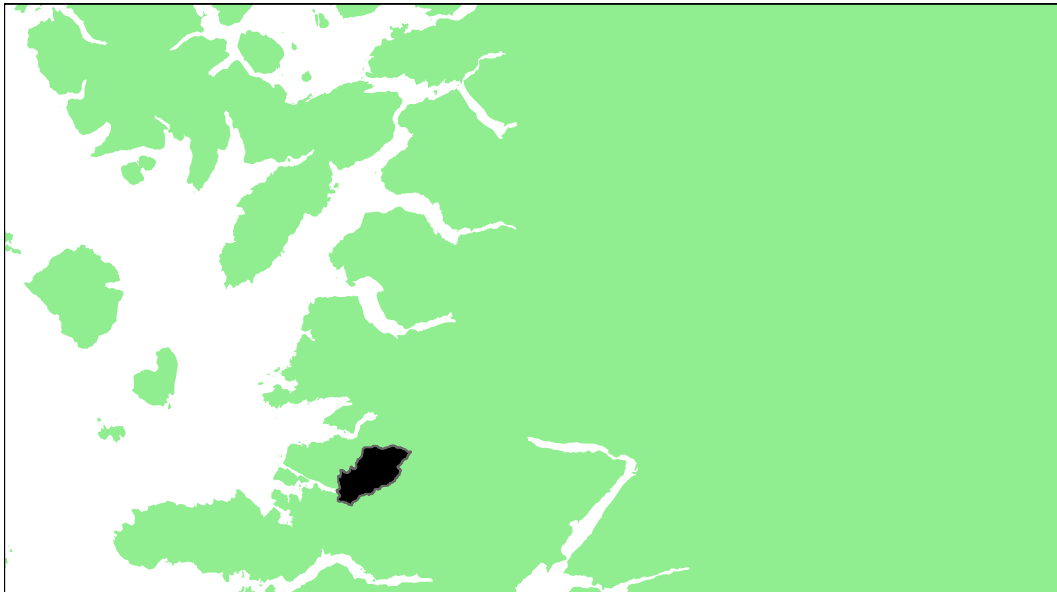
Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
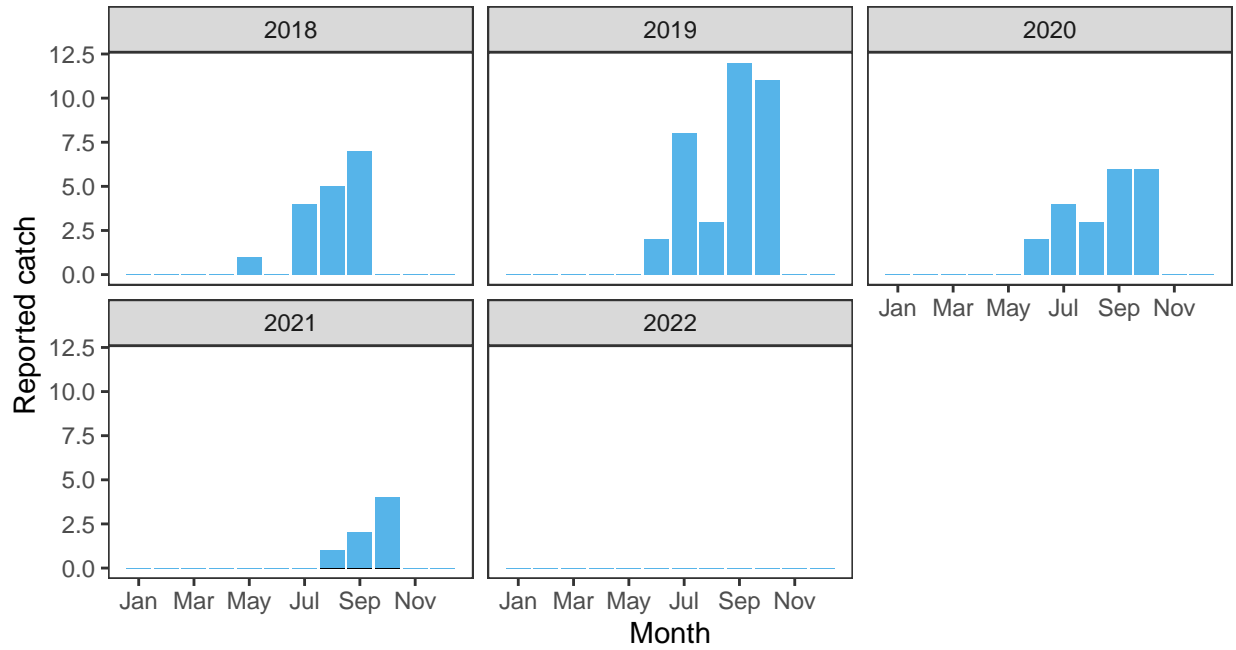
River Moidart: Grade 3

Summary Table

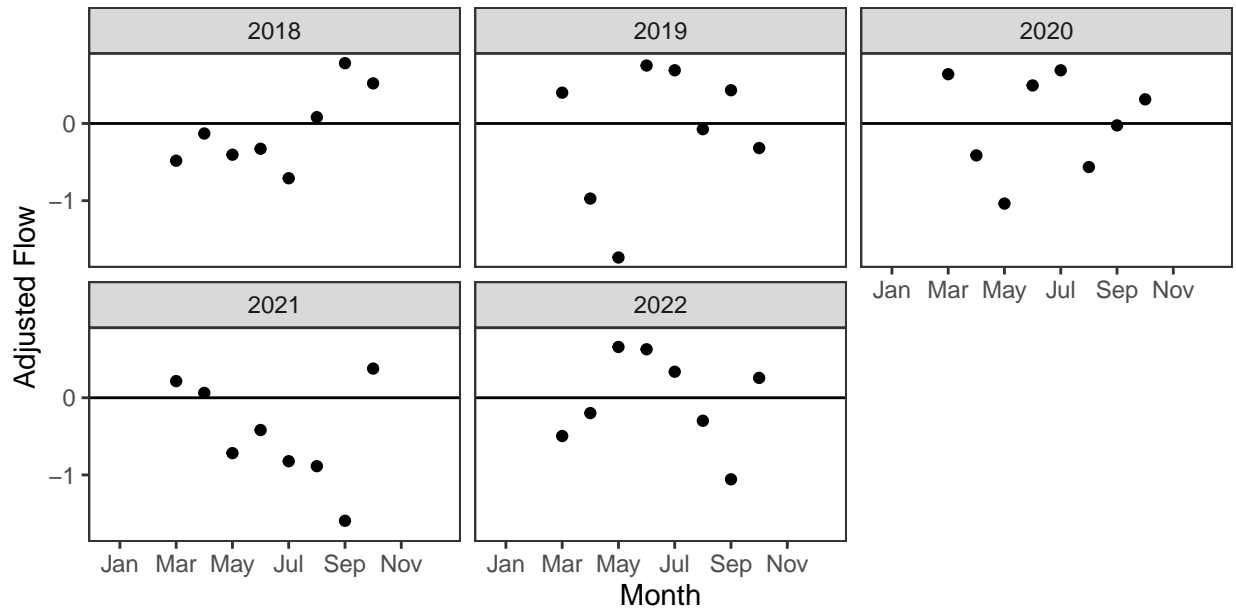| Eggs required (m²)[a]	Area (m²)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
2	111,000	222,000	58.27	72.21	64.21	14.11	0	0.4176	3

[a] Figures presented are median values

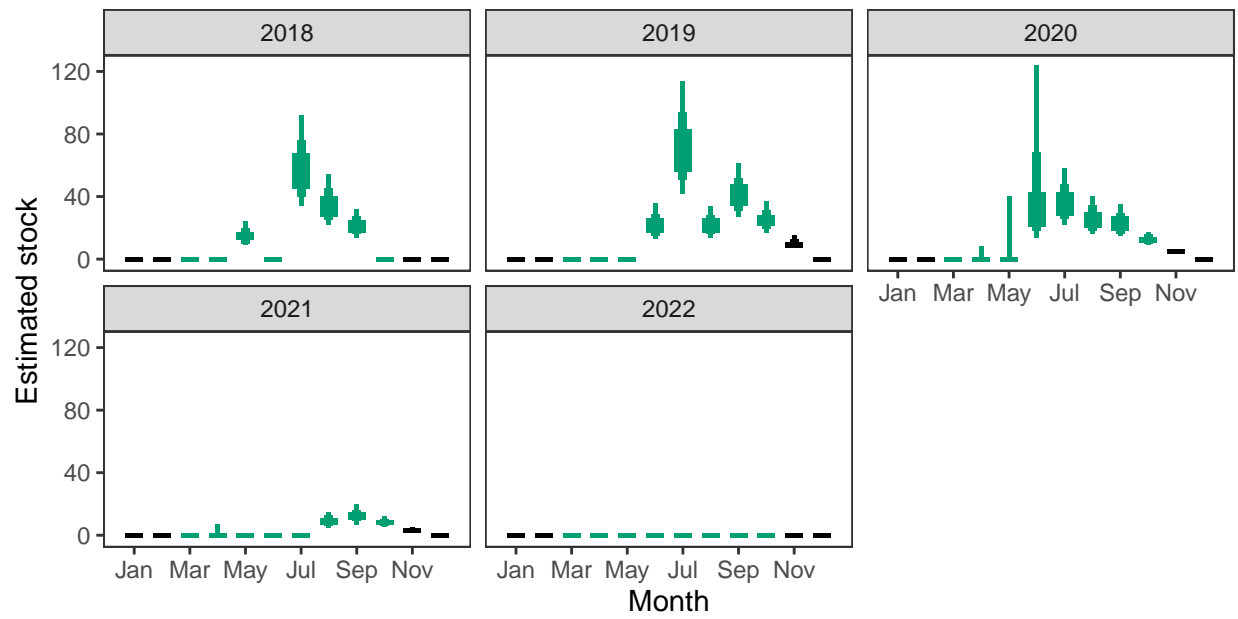# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
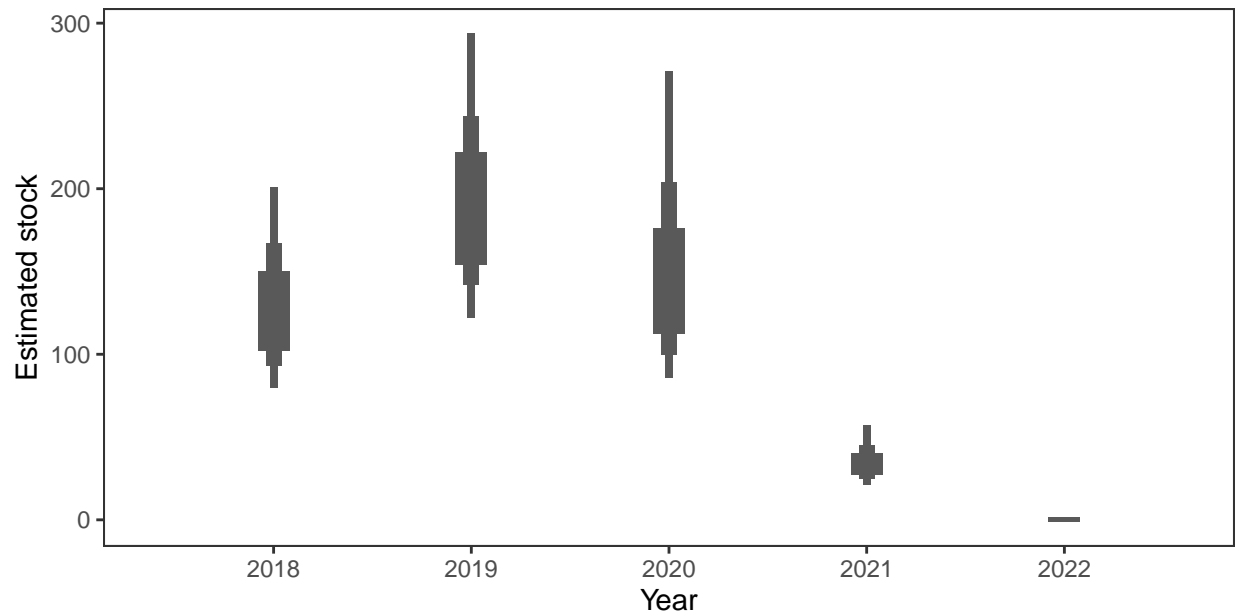

Monthly flow data

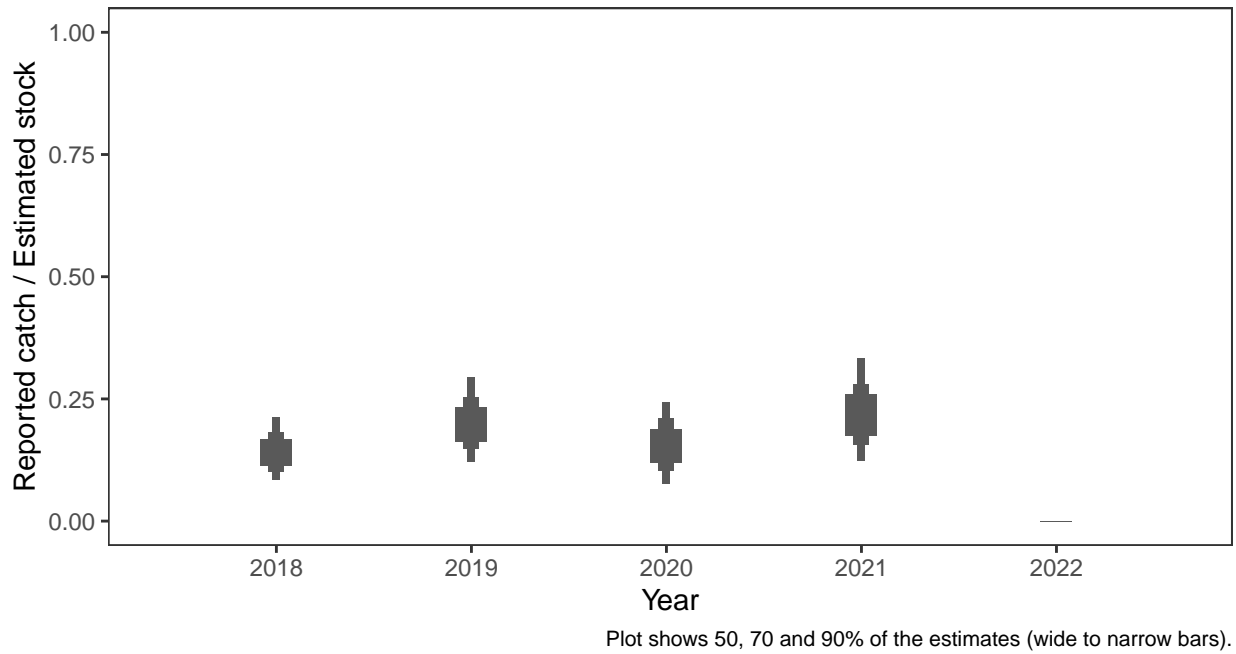## Monthly stock estimates (out of season in black)

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
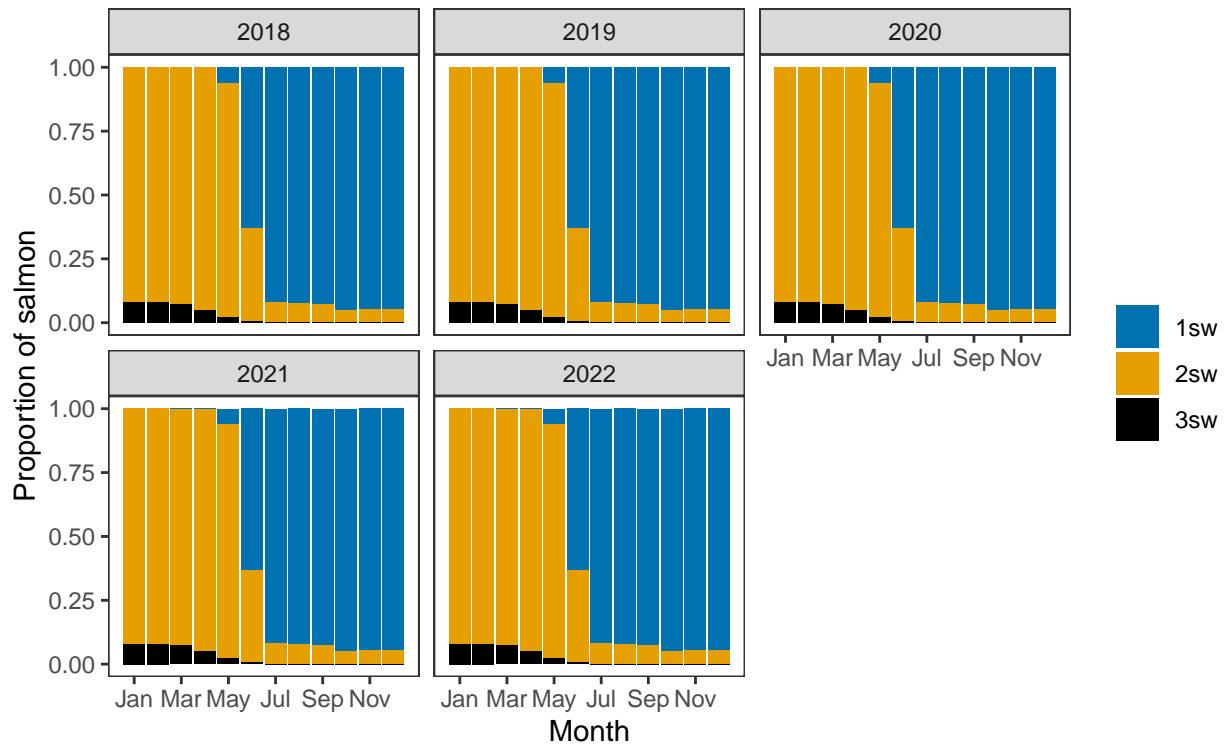
Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
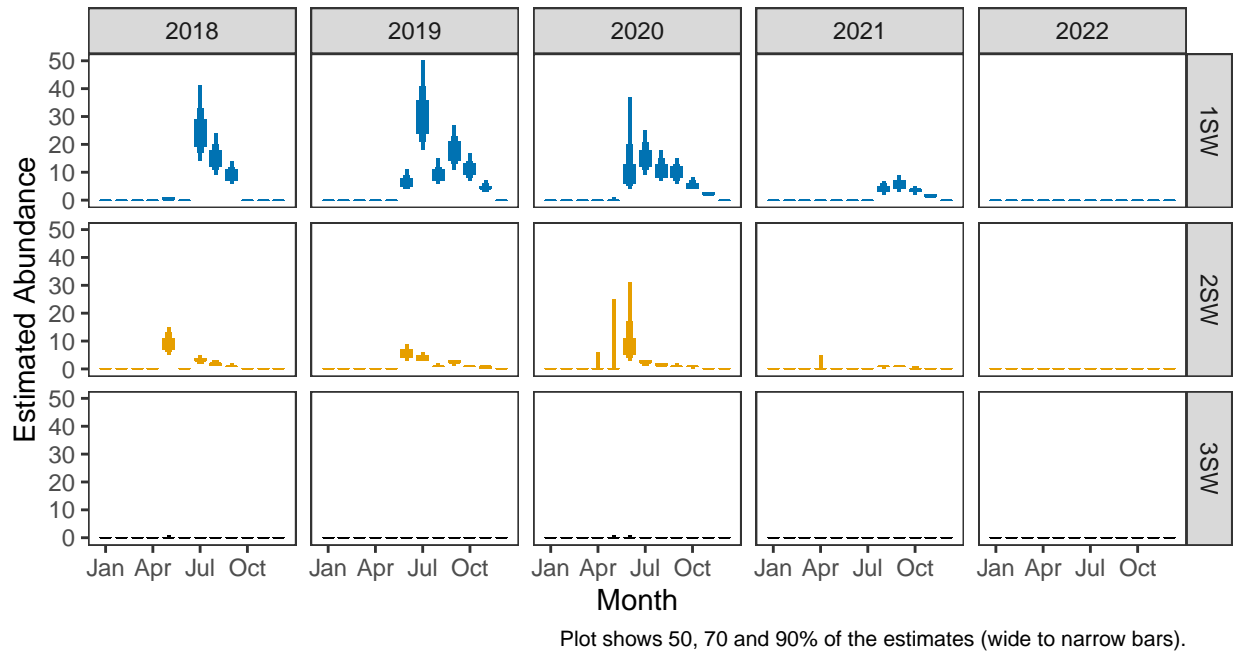
2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
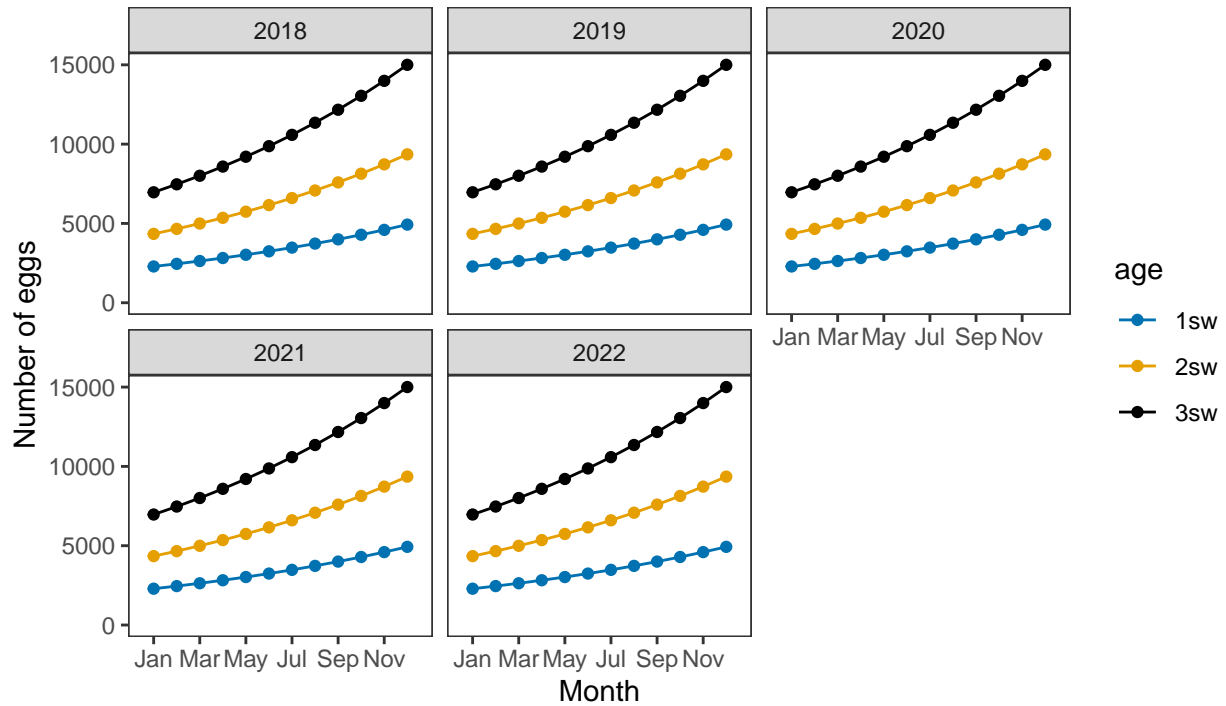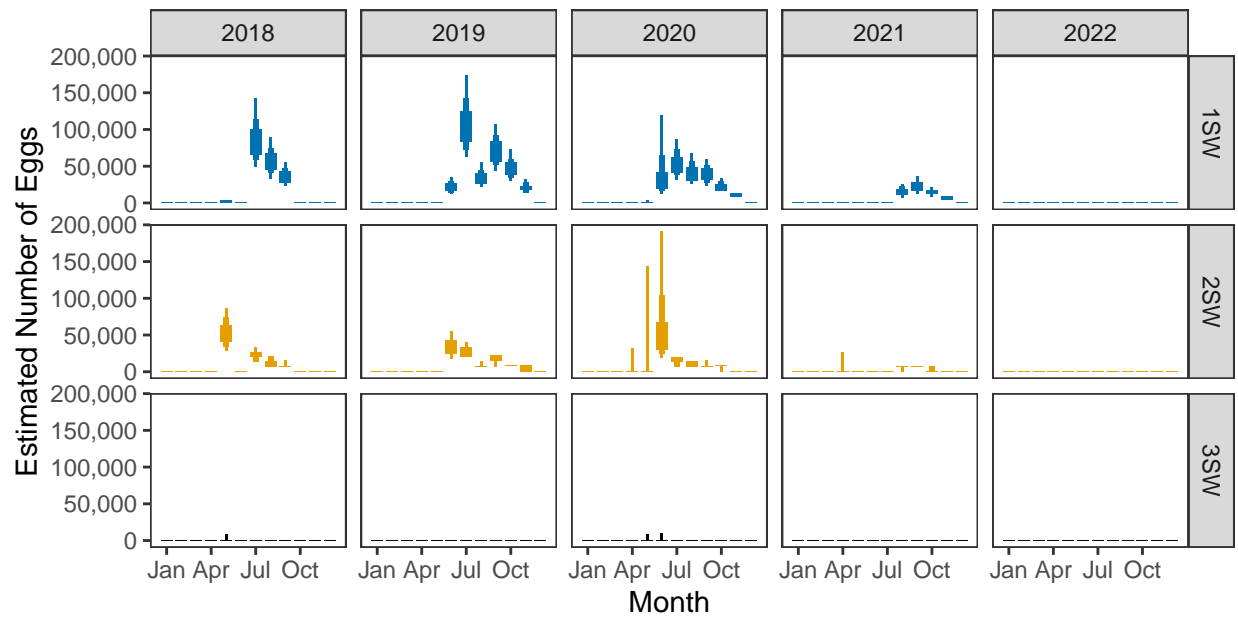
Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs
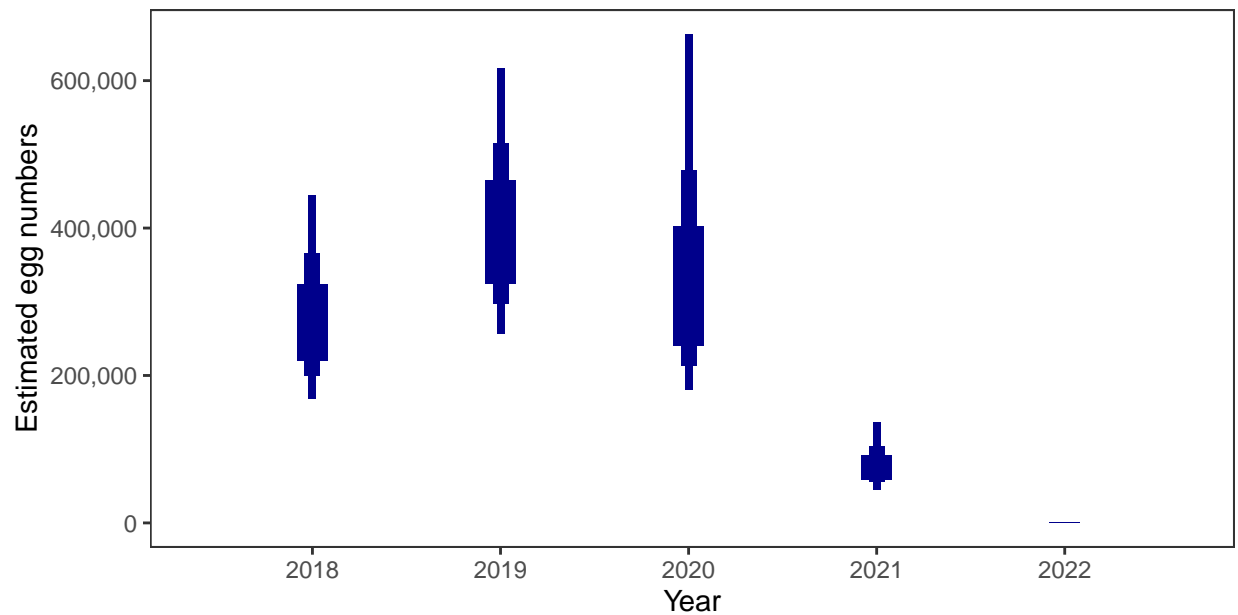
Egg contents of females

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

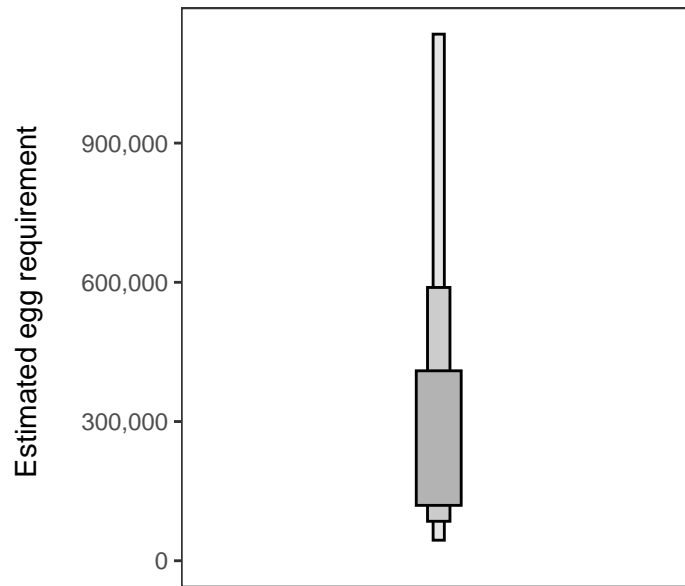Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	58.27
2019	72.21
2020	64.21
2021	14.11
2022	-

4. Egg requirement

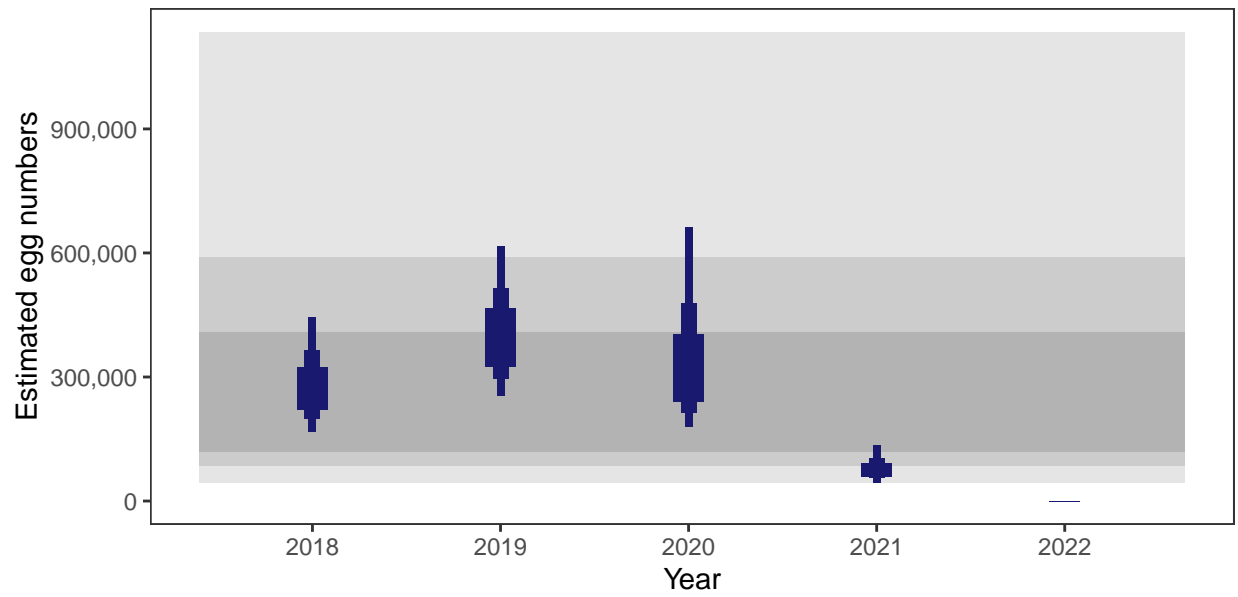### *Areas of salmon habitat in square meters*

There is an estimated 119,987 square meters of known salmon habitat in the River Moidart and a further 11,812 square meters where salmon may be present.
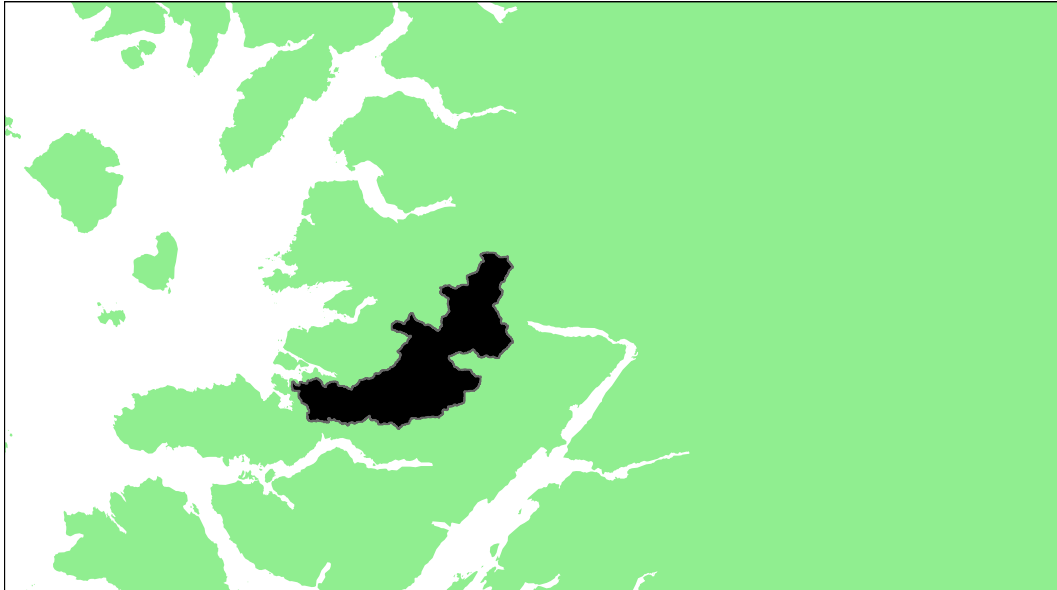
Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)
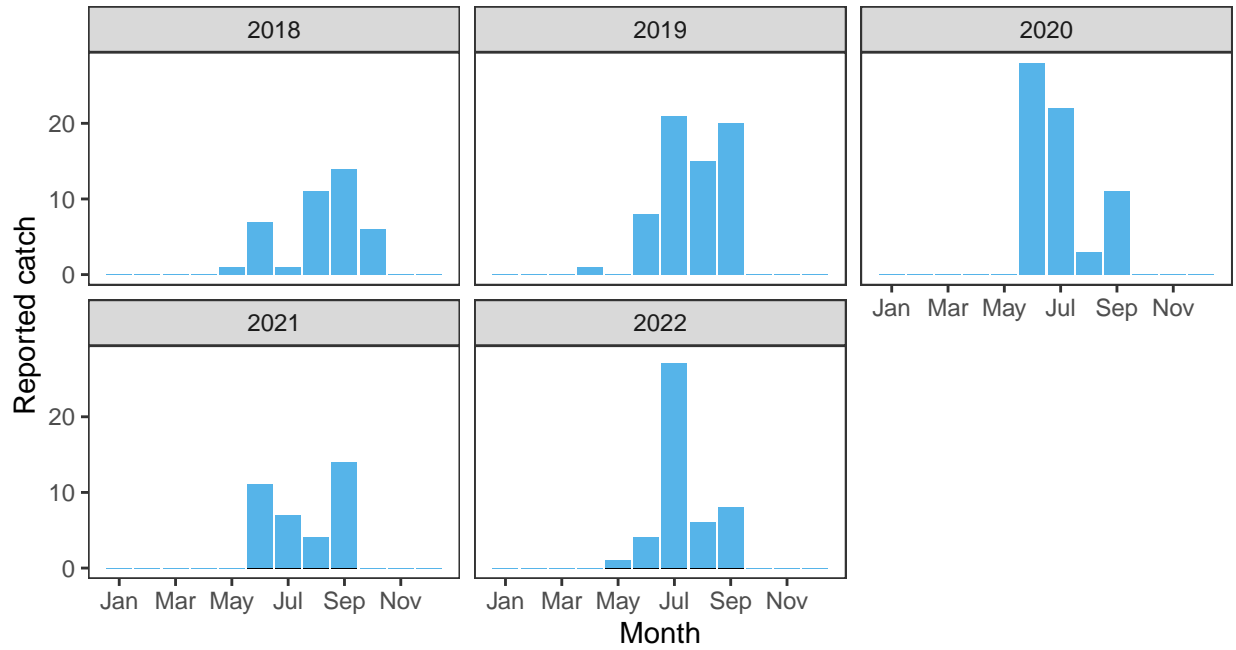
River Shiel (Shielfoot): Grade 3

Summary Table

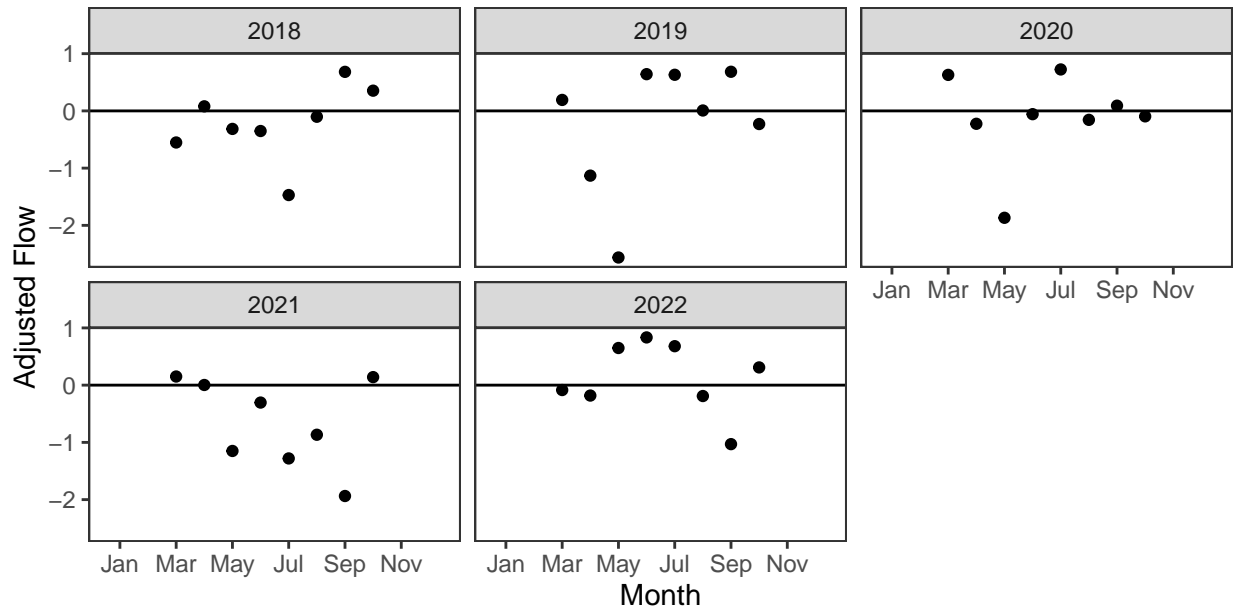| Eggs required (m^2)^a | Area (m^2)^a | Total egg requirement^a | Percentage chance meeting requirement | | | | | | Grade |
			2018	2019	2020	2021	2022	Overall	
2.04	534,000	1,086,000	29	44.16	62.9	42.92	34.25	0.42646	3

^{a} Figures presented are median values

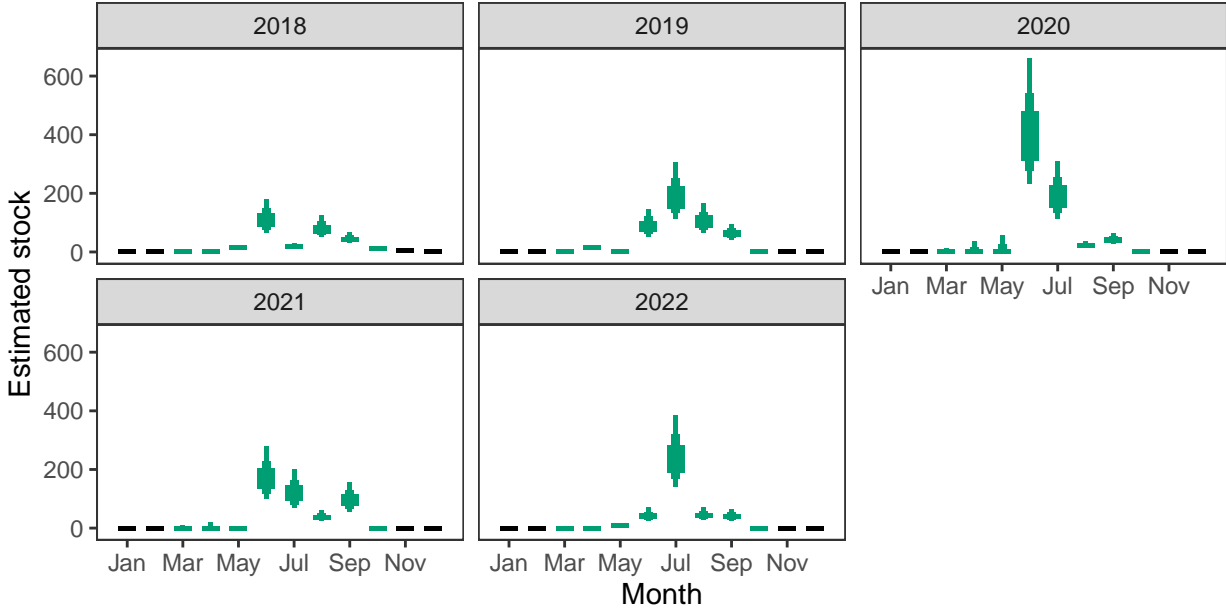# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
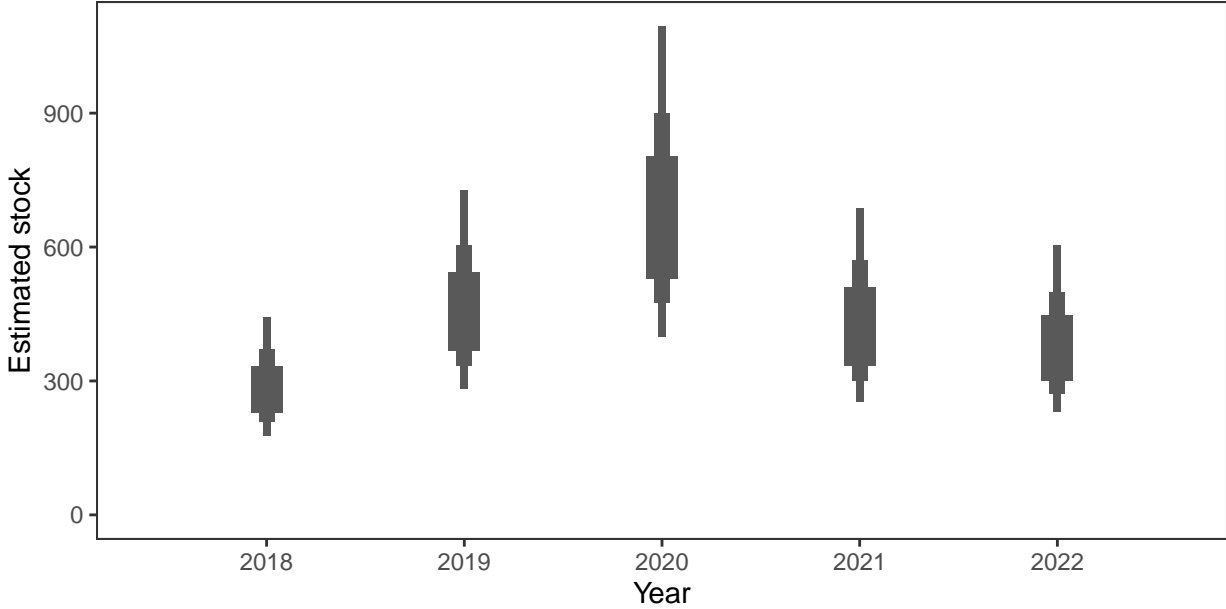

Monthly flow data

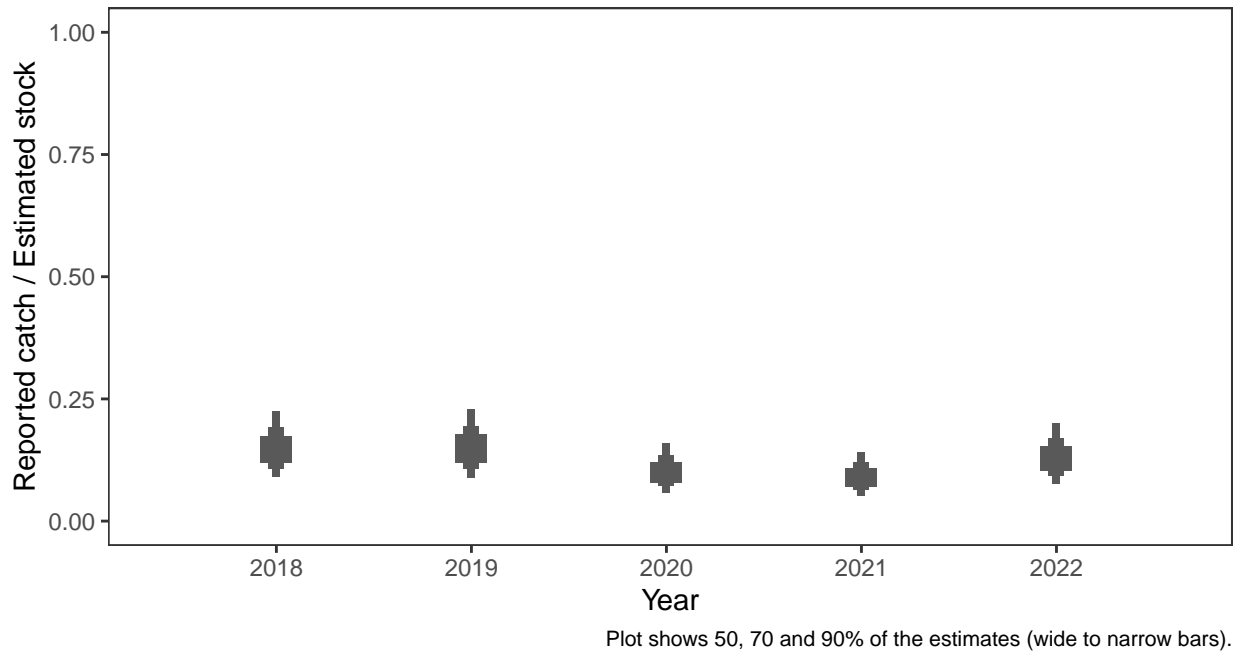## Monthly stock estimates (out of season in black)

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
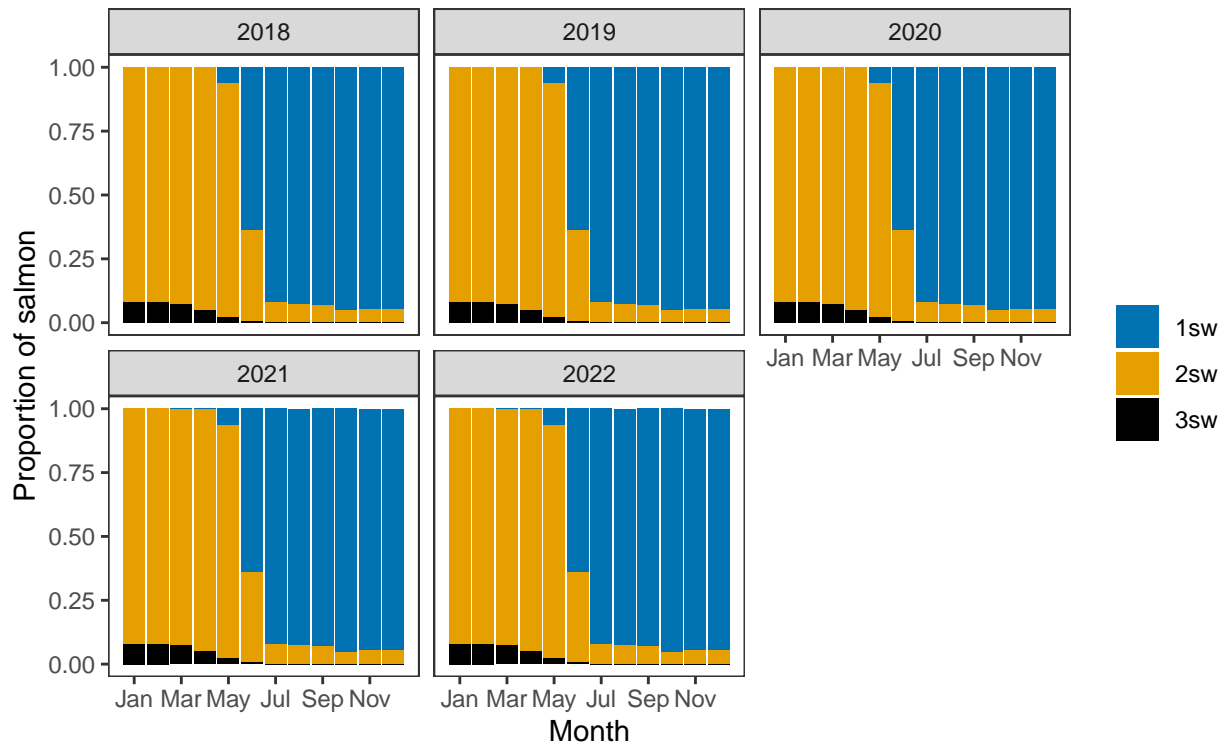
Annual estimated stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
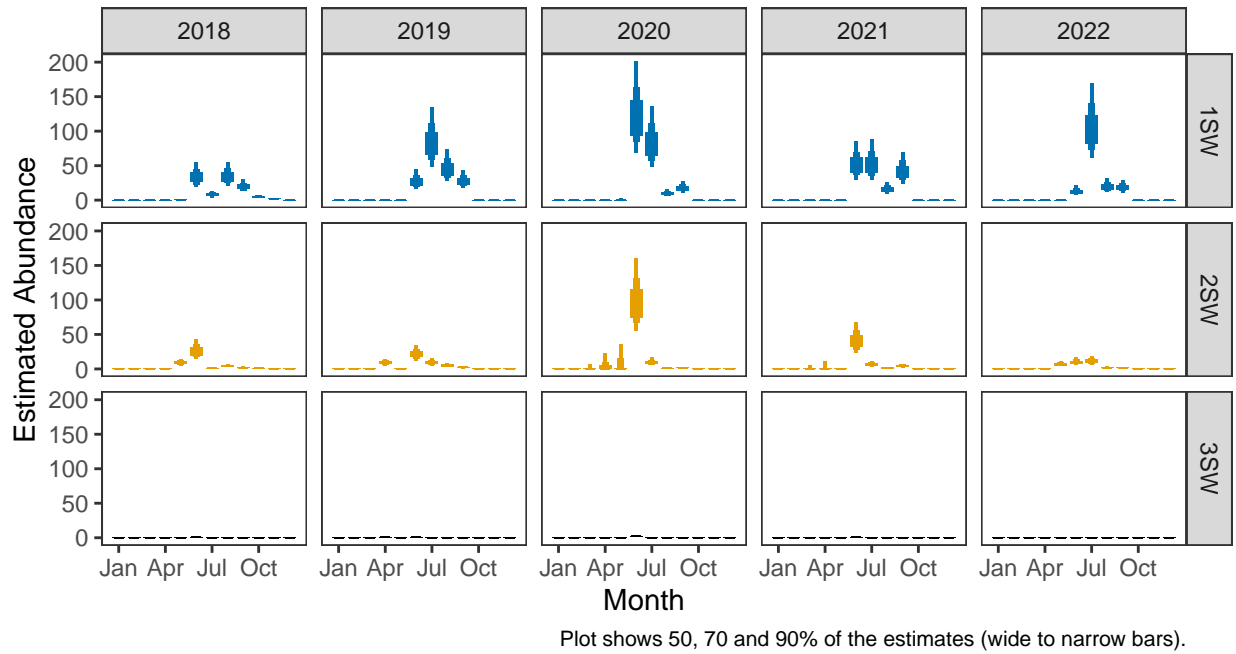
Annual catch as a proportion of stock

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
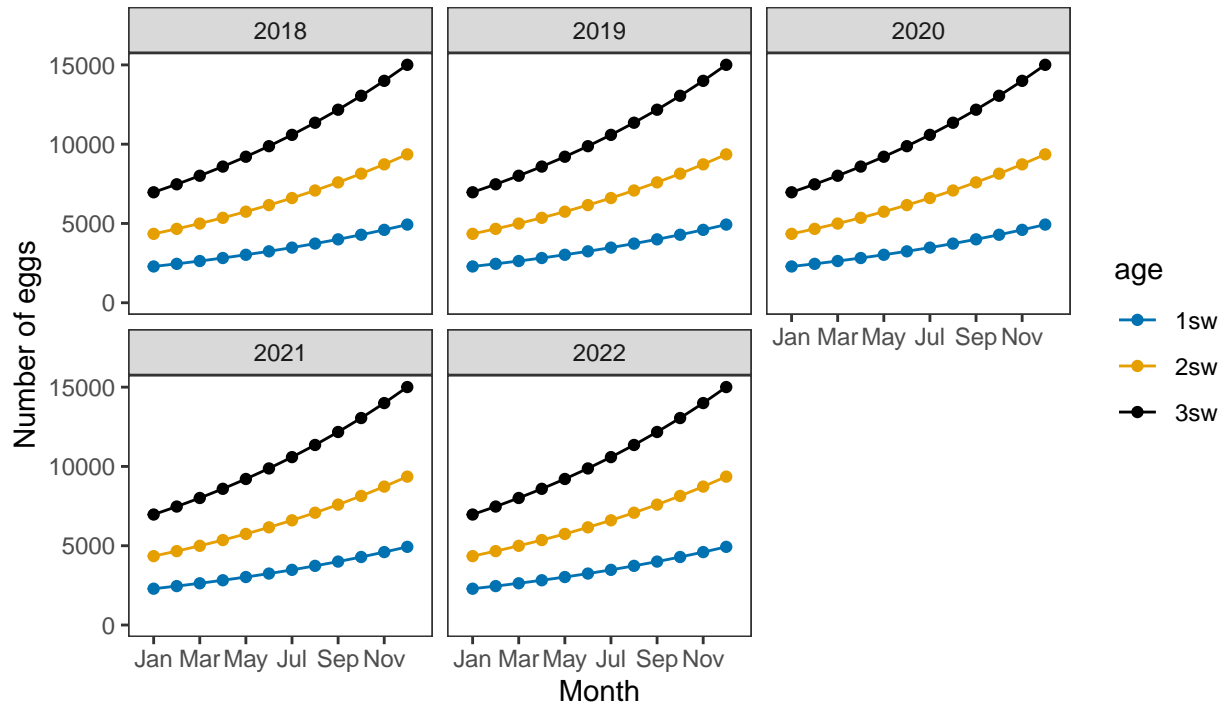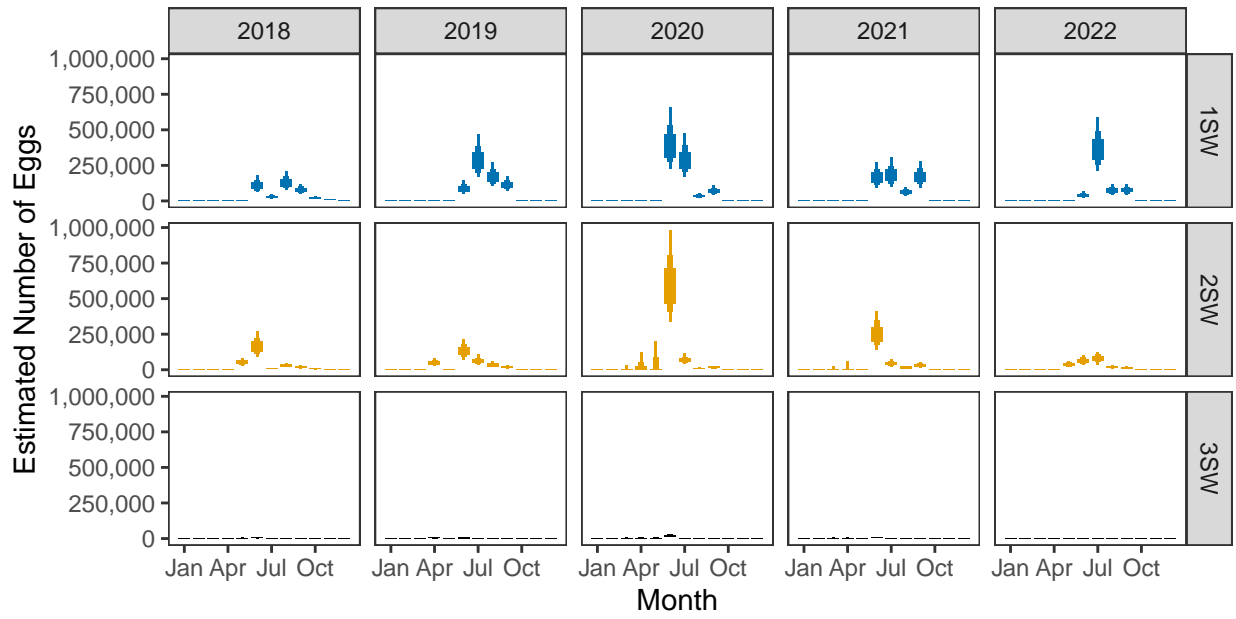
3. Converting Number of Spawners to Number of Eggs
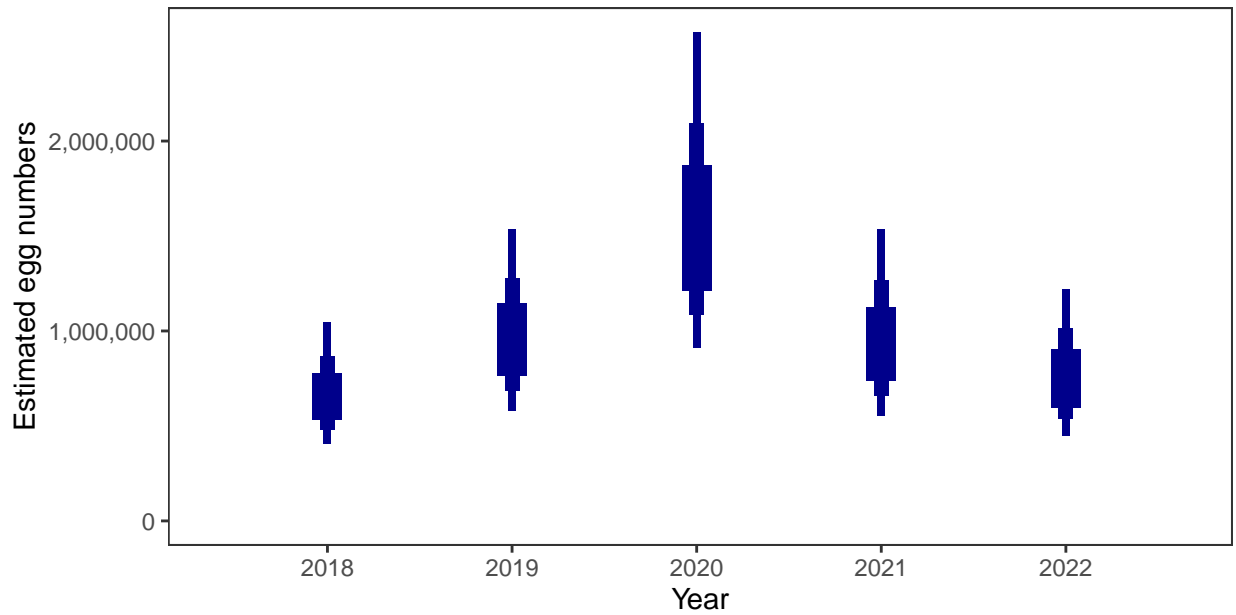
Egg contents of females

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

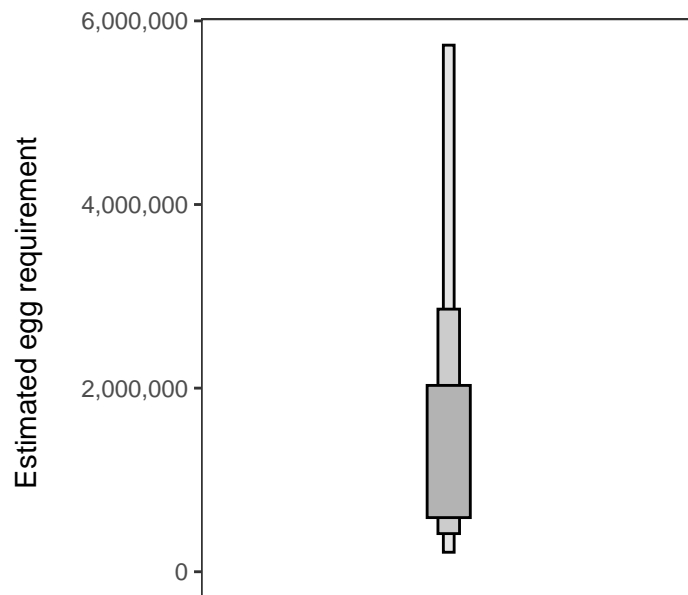Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	29.00
2019	44.16
2020	62.90
2021	42.92
2022	34.25

4. Egg requirement

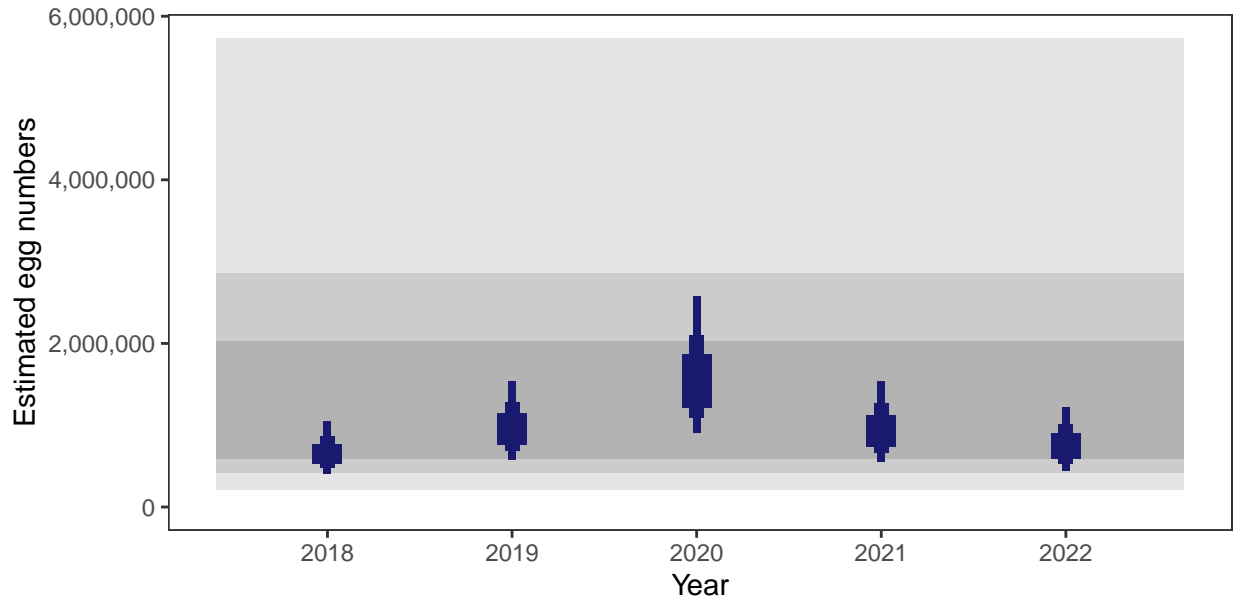### *Areas of salmon habitat in square meters*

There is an estimated 558,636 square meters of known salmon habitat in the River Shiel (Shielfoot) and a further 96,204 square meters where salmon may be present.

Egg requirement

Plot shows 50, 70 and 90% of the
estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)

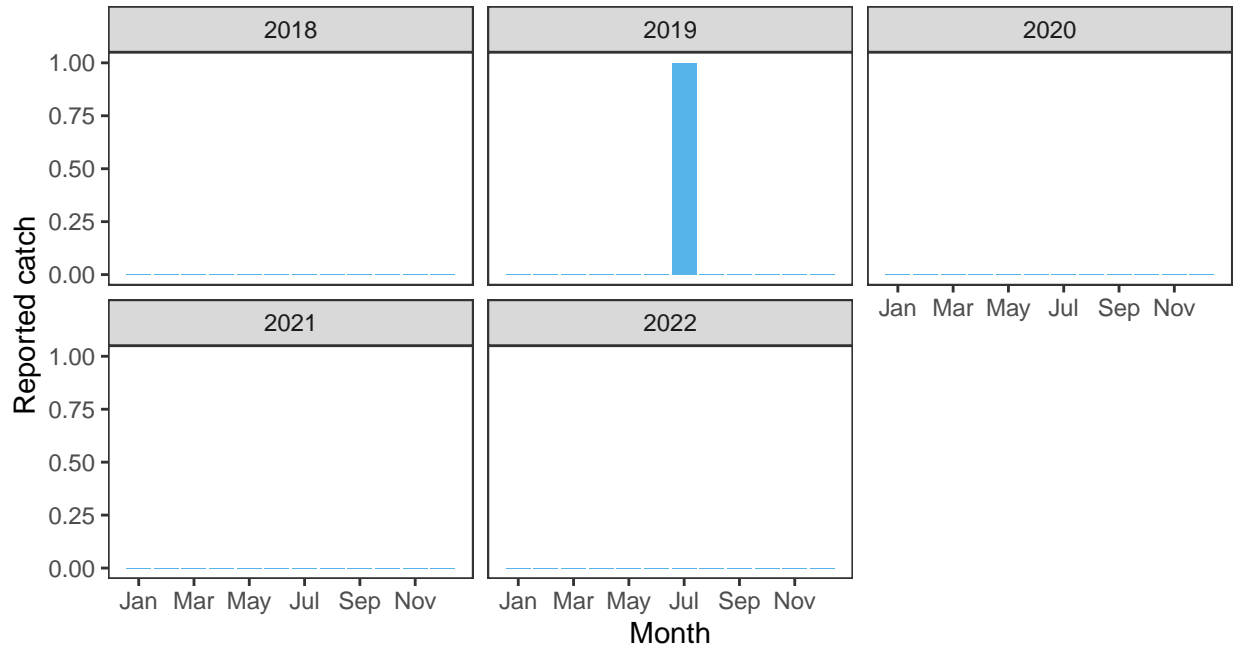# Achateny and Fascadale: Grade 3

Summary Table

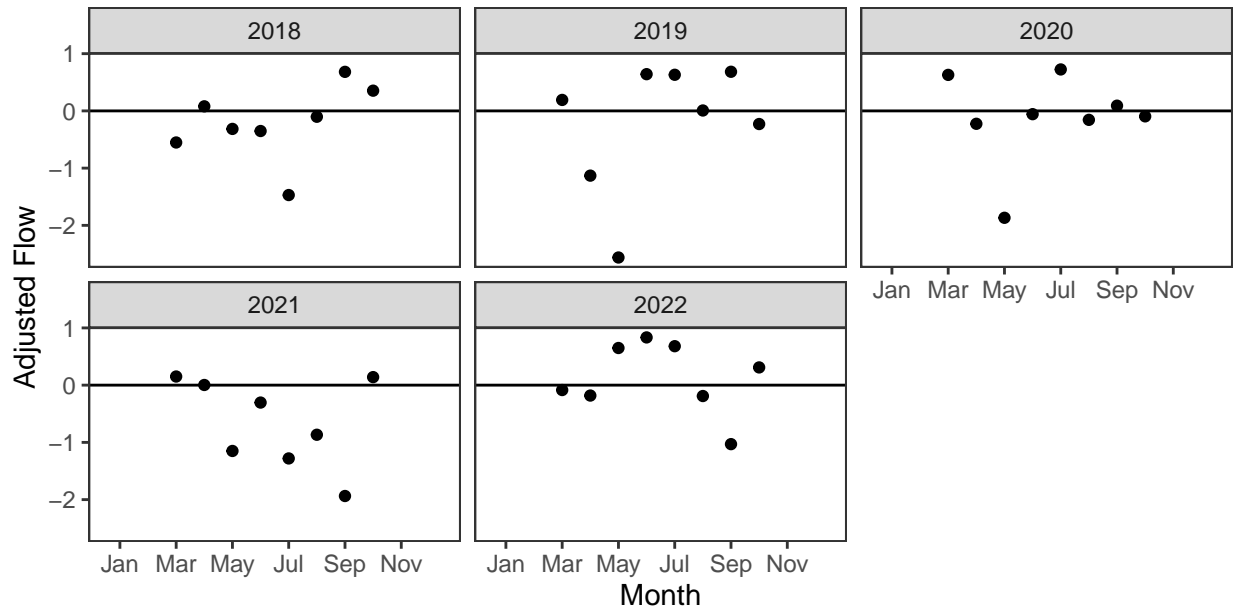| Eggs required $(m^2)^a$	Area $(m^2)^a$	Total egg requirement[a]	Percentage chance meeting requirement						
			2018	2019	2020	2021	2022	Overall	Grade
2.1	47,000	97,000	0	5.71	0.35	0.06	0	0.01224	3

[a] Figures presented are median values

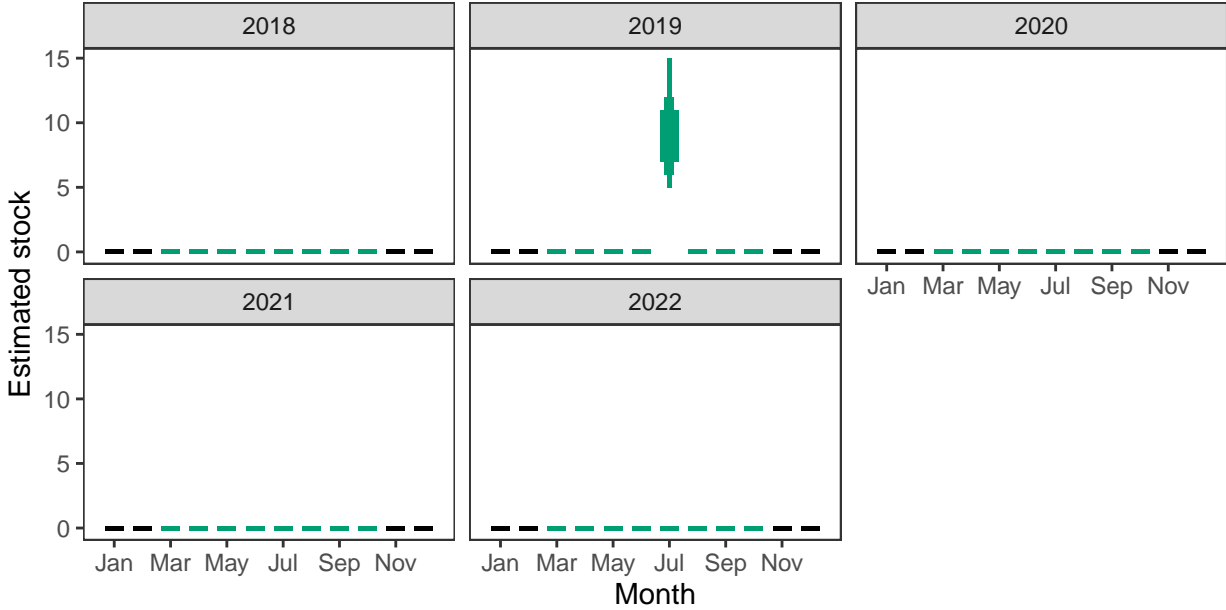# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
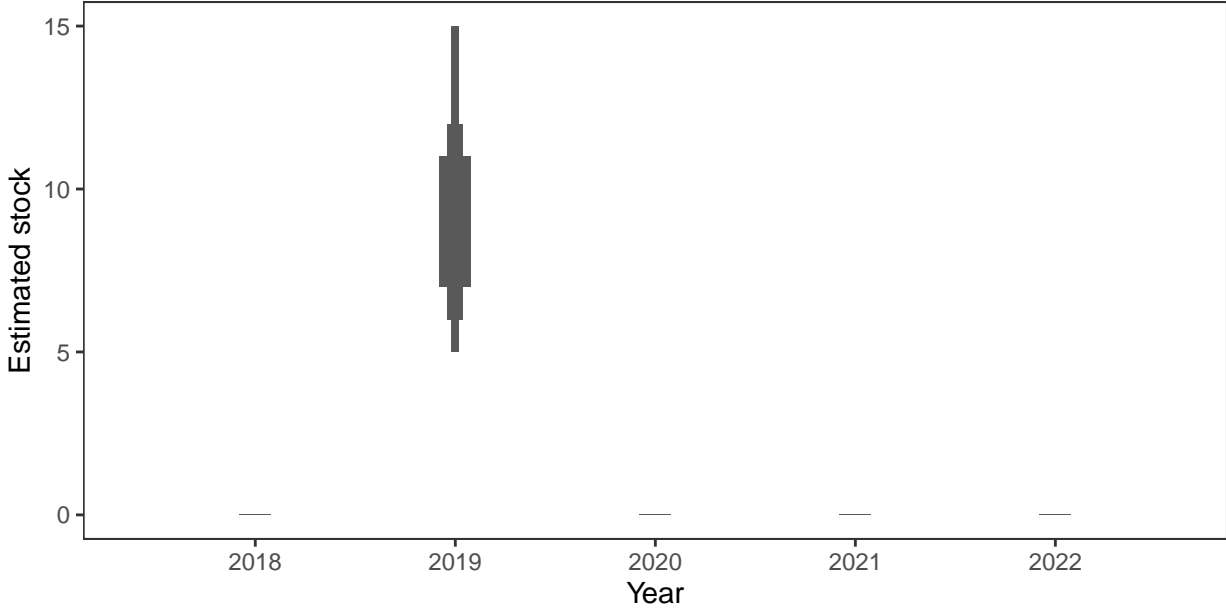

Monthly flow data

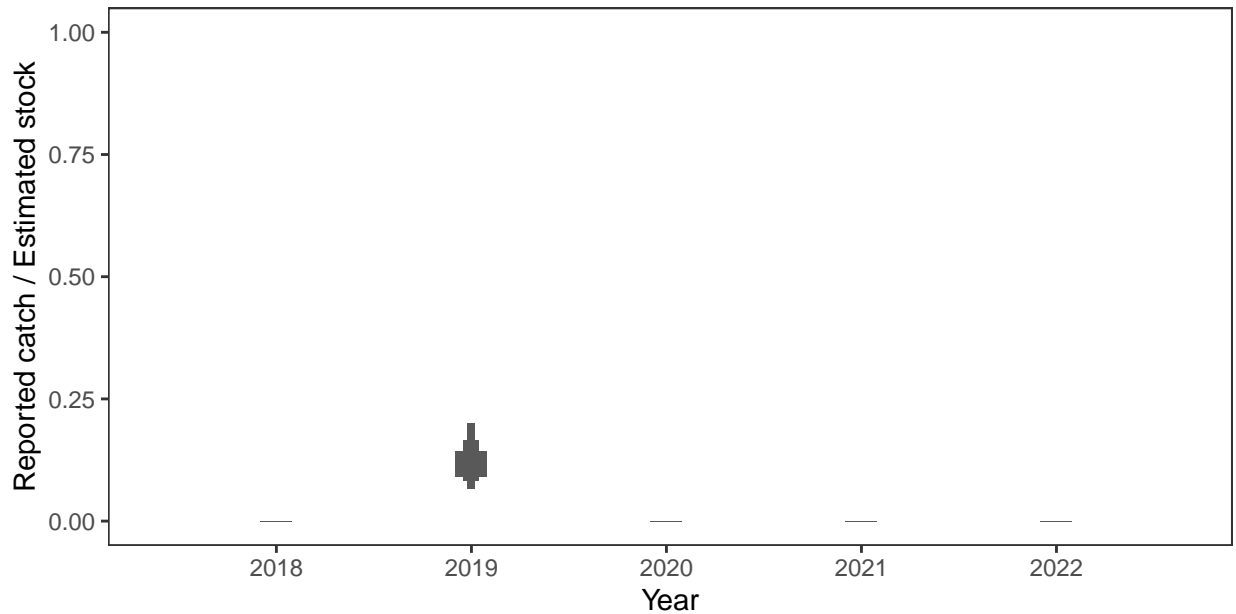## Monthly stock estimates (out of season in black)

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock

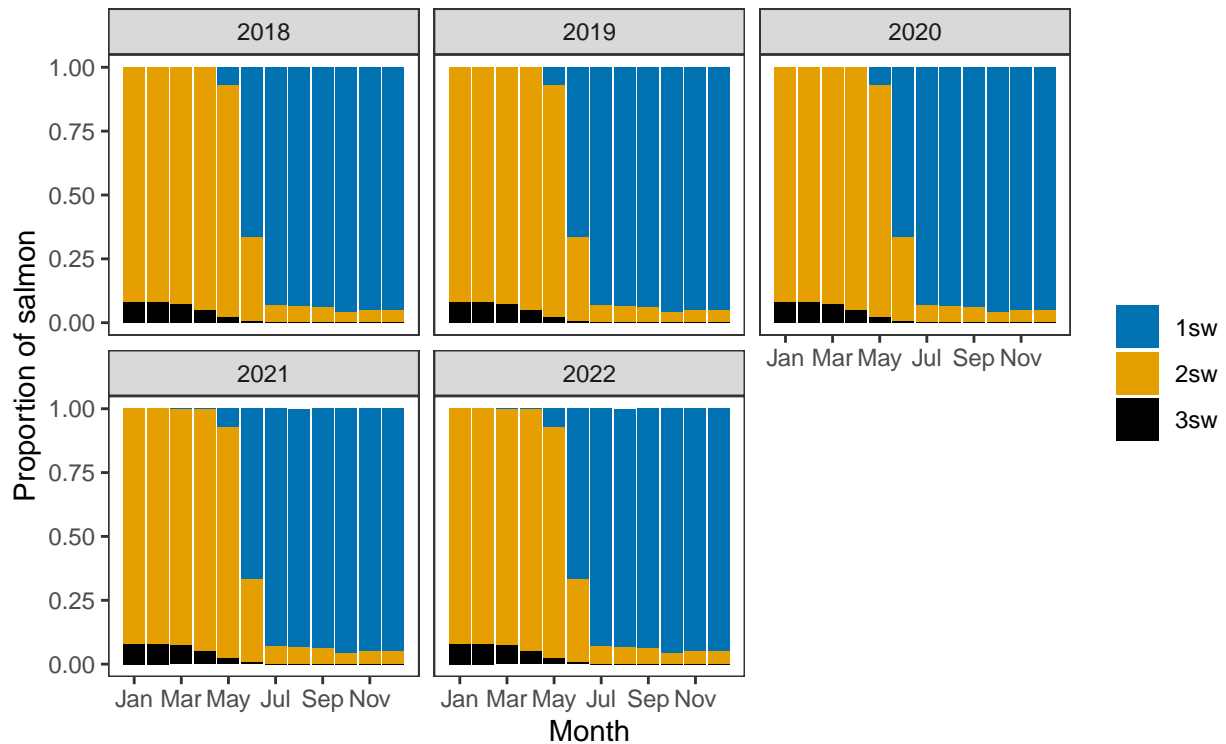Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
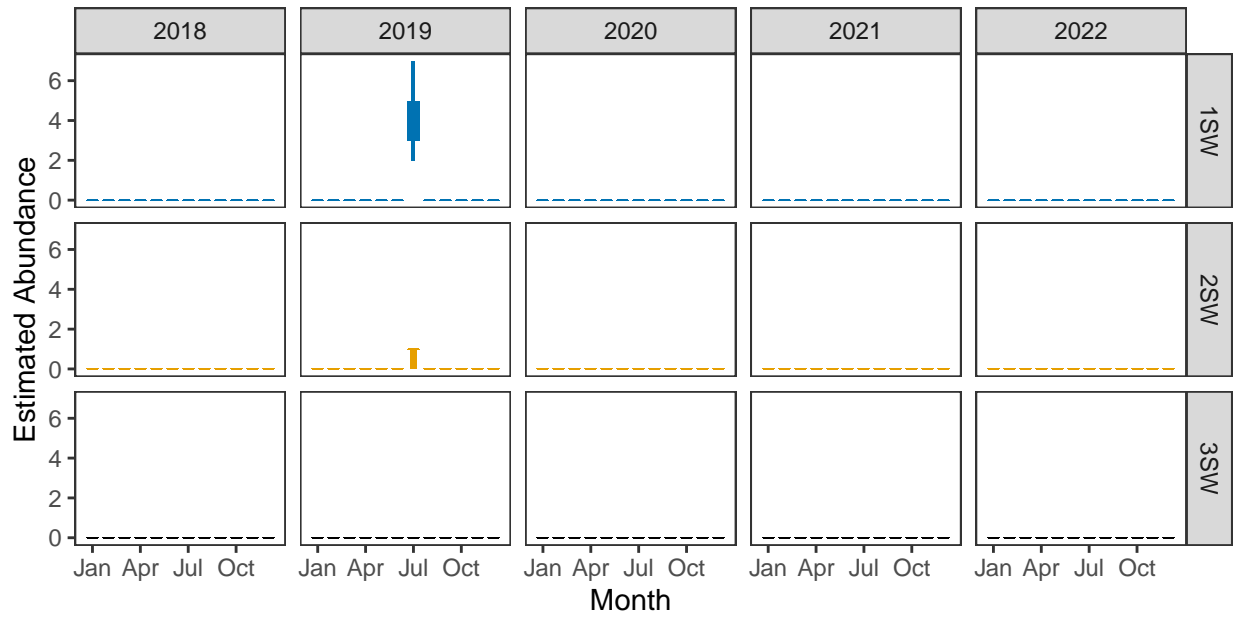
Annual catch as a proportion of stock

2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
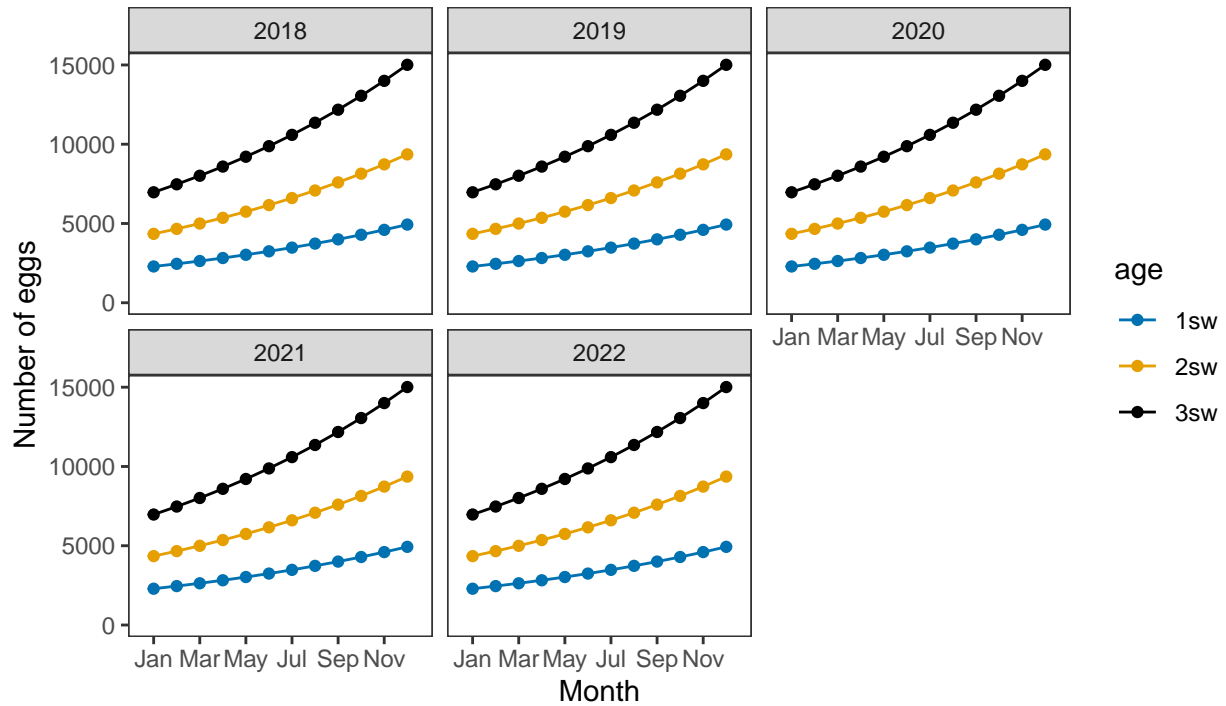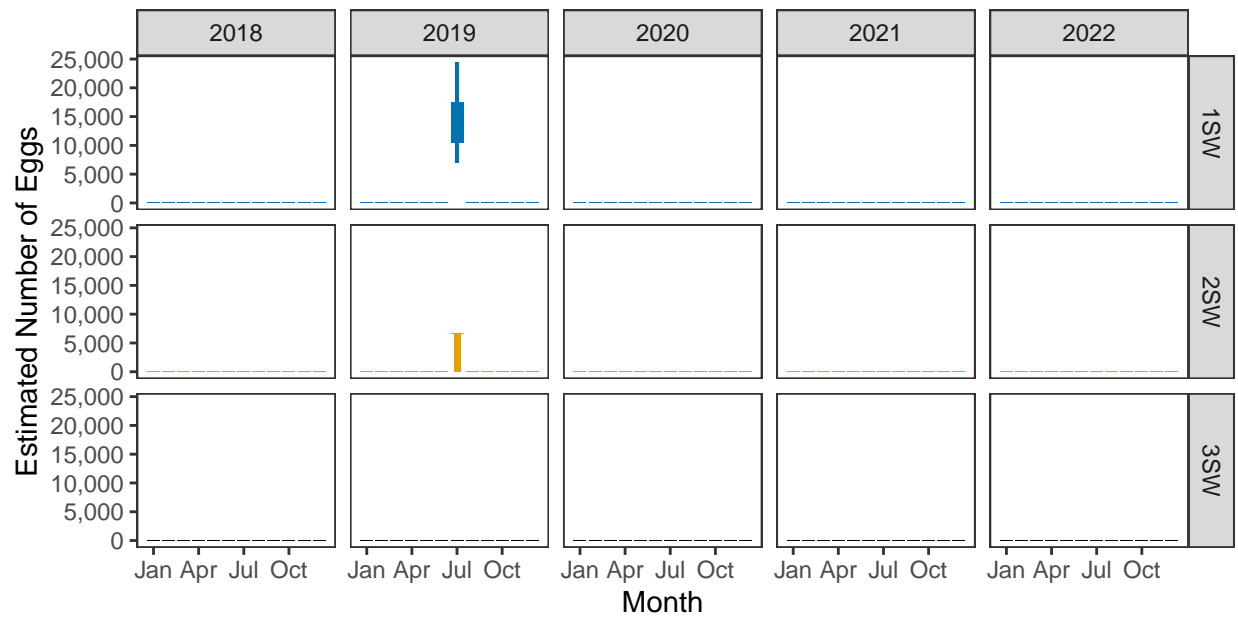
Ages of fish

Monthly number of spawning females

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

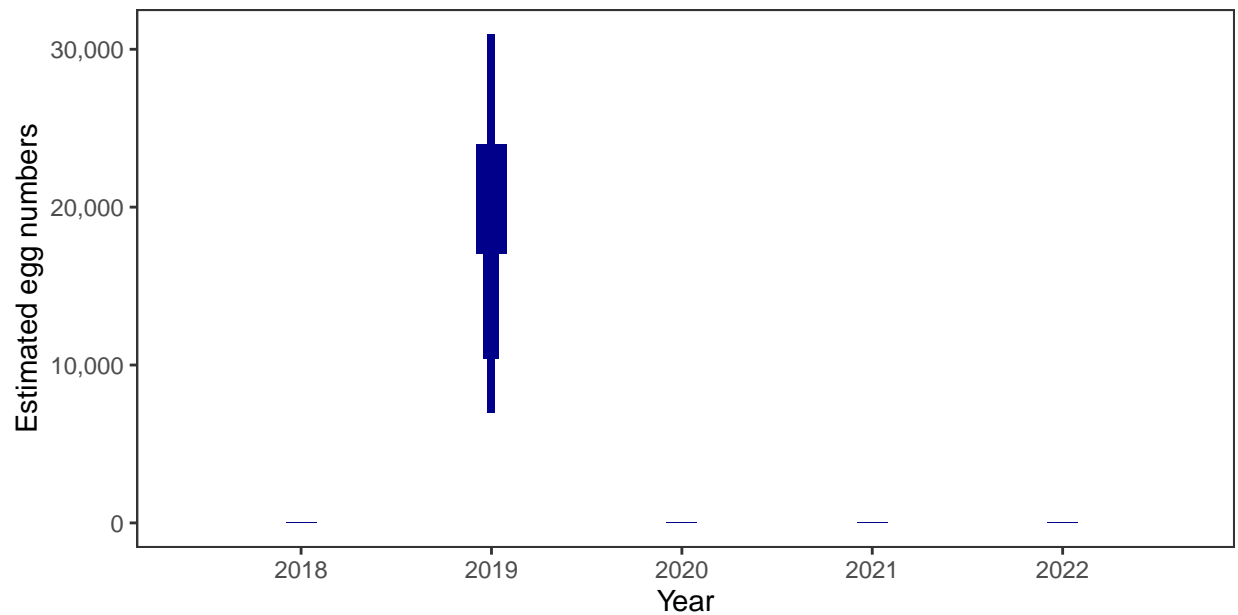*Egg contents of females*

Monthly number of eggs

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Total annual egg numbers

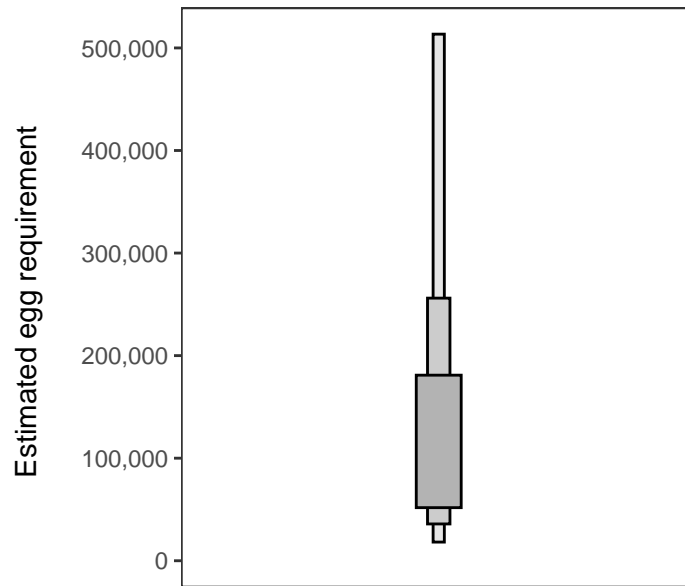Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	-
2019	5.71
2020	0.35
2021	0.06
2022	-

4. Egg requirement

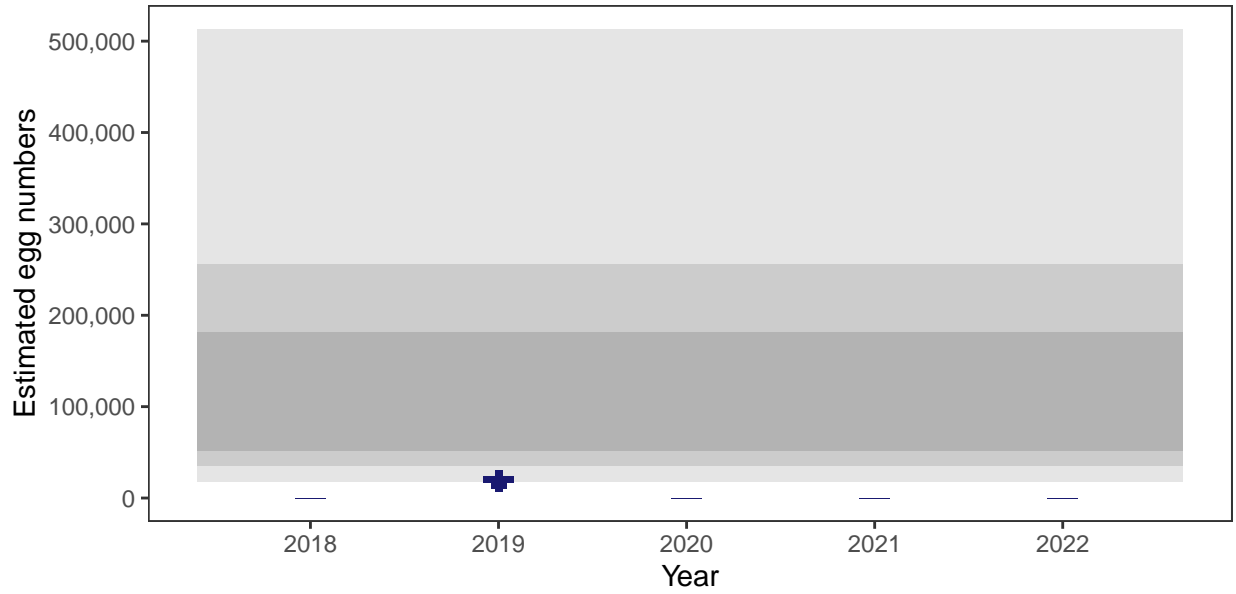### *Areas of salmon habitat in square meters*

There is an estimated 35,989 square meters of known salmon habitat in the Achateny and Fascadale and a further 34,477 square meters where salmon may be present.

Egg requirement

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

5. Percentage chance that the egg requirement has been reached

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars). Shaded areas represent 50, 70 and 90% of the estimated egg requirements (dark to light areas)