North West Region

Cape Wrath to Kyle of Lochalsh

Strath Shinary River: Grade 3
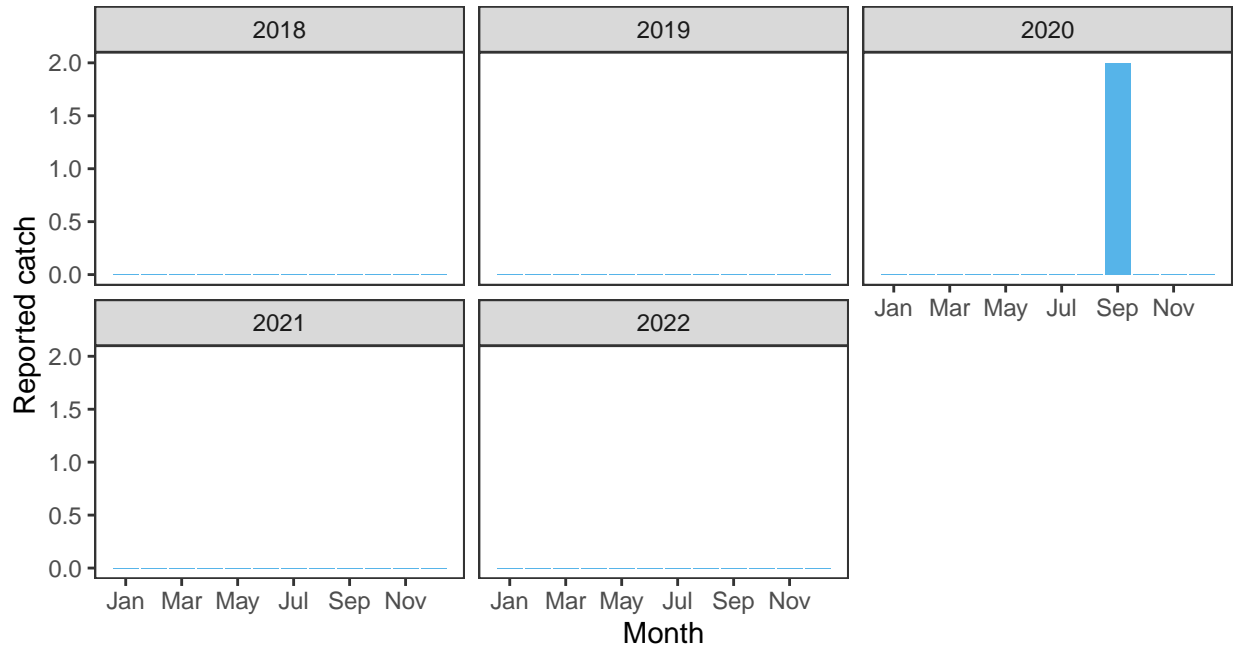

Summary Table

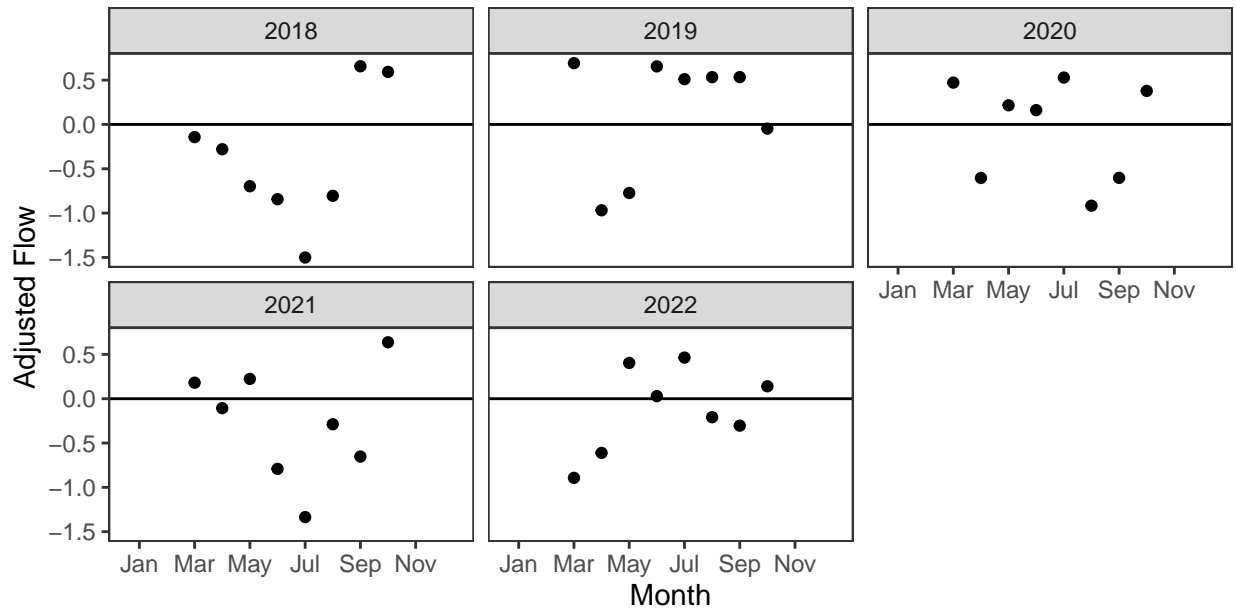| Eggs required $(m^2)^a$ | Area $(m^2)^a$ | Total egg requirement^a | Percentage chance meeting requirement | | | | | | |
			2018	2019	2020	2021	2022	Overall	Grade
1.94	74,000	143,000	0	0	4.17	0.21	0	0.00876	3

^{a} Figures presented are median values

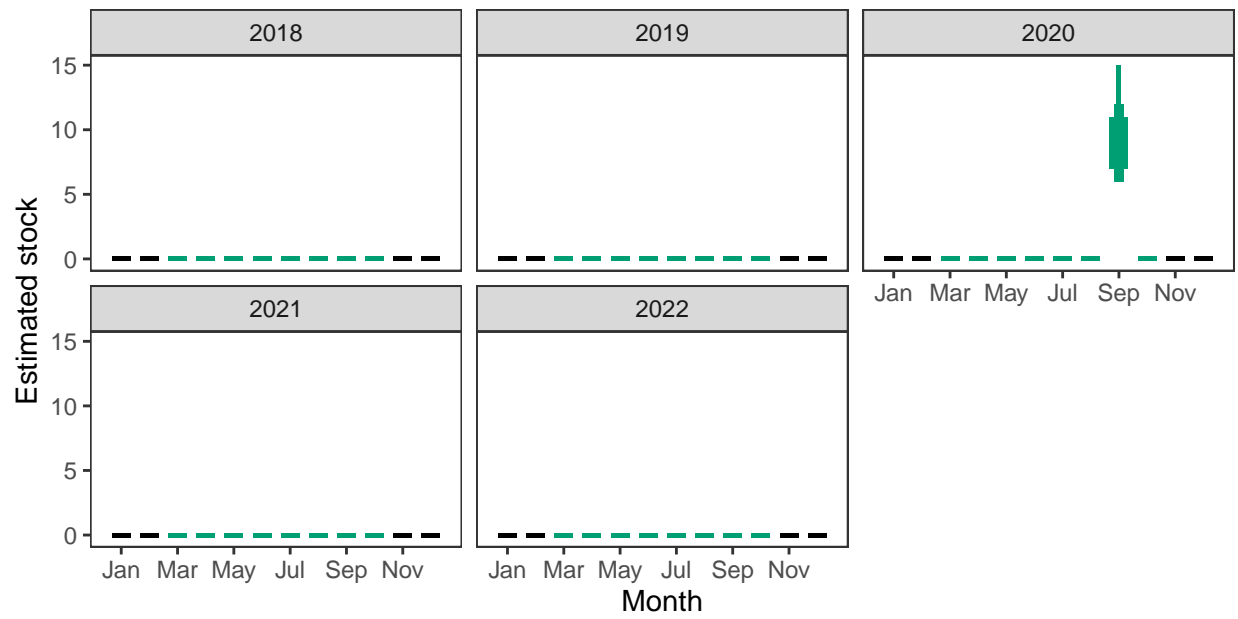# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
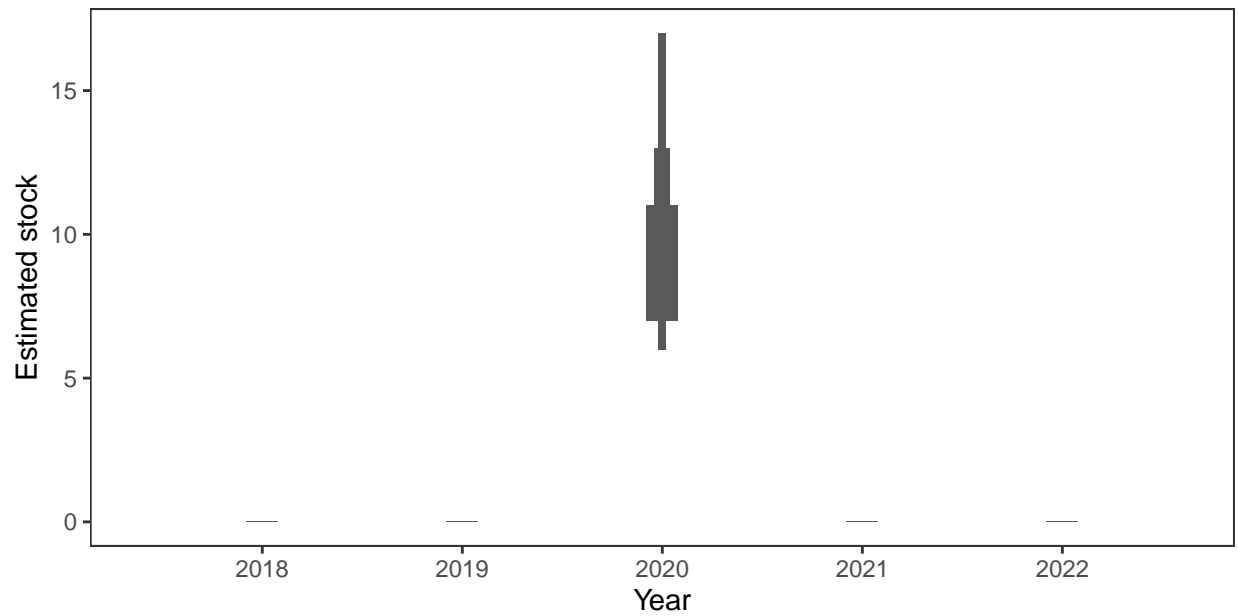

Monthly flow data
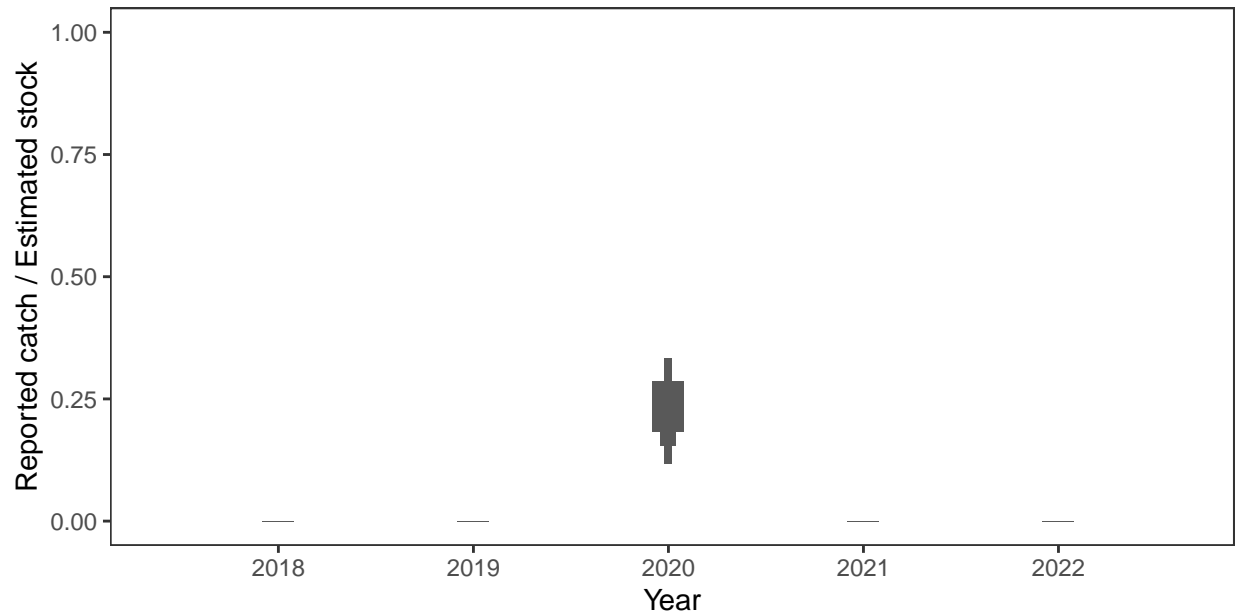
Monthly stock estimates (out of season in black)

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

Annual estimated stock

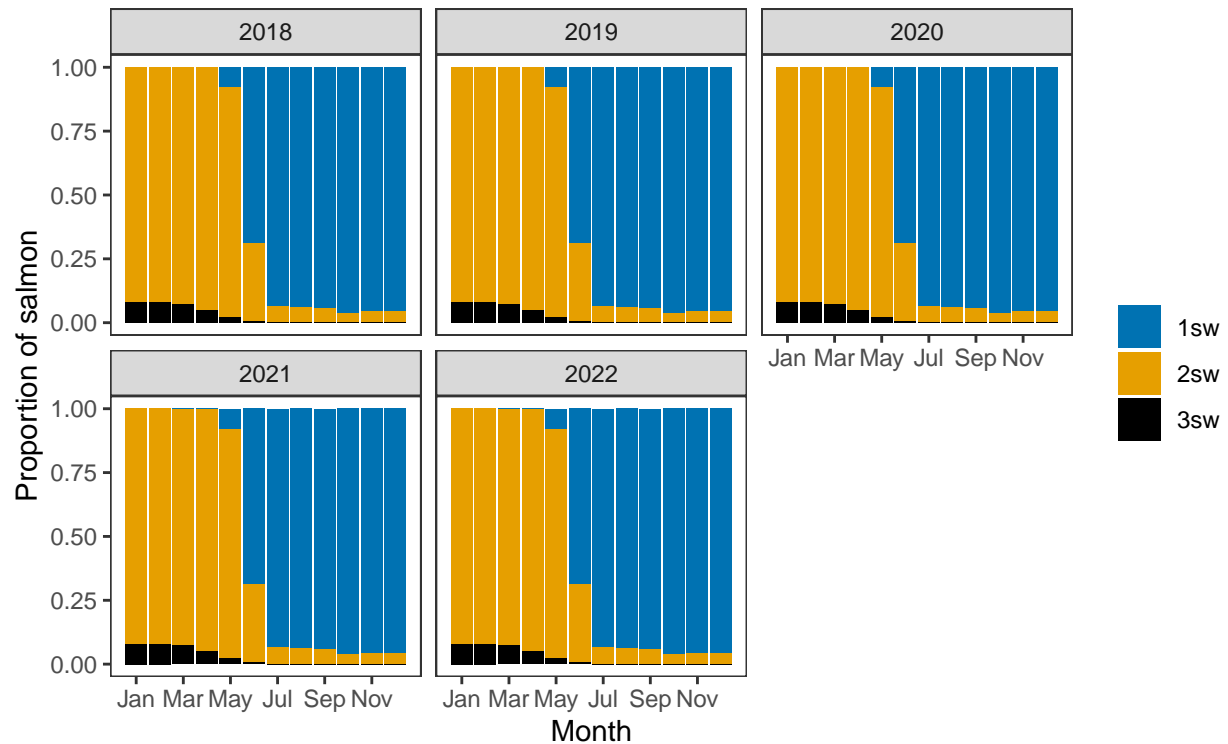Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual catch as a proportion of stock

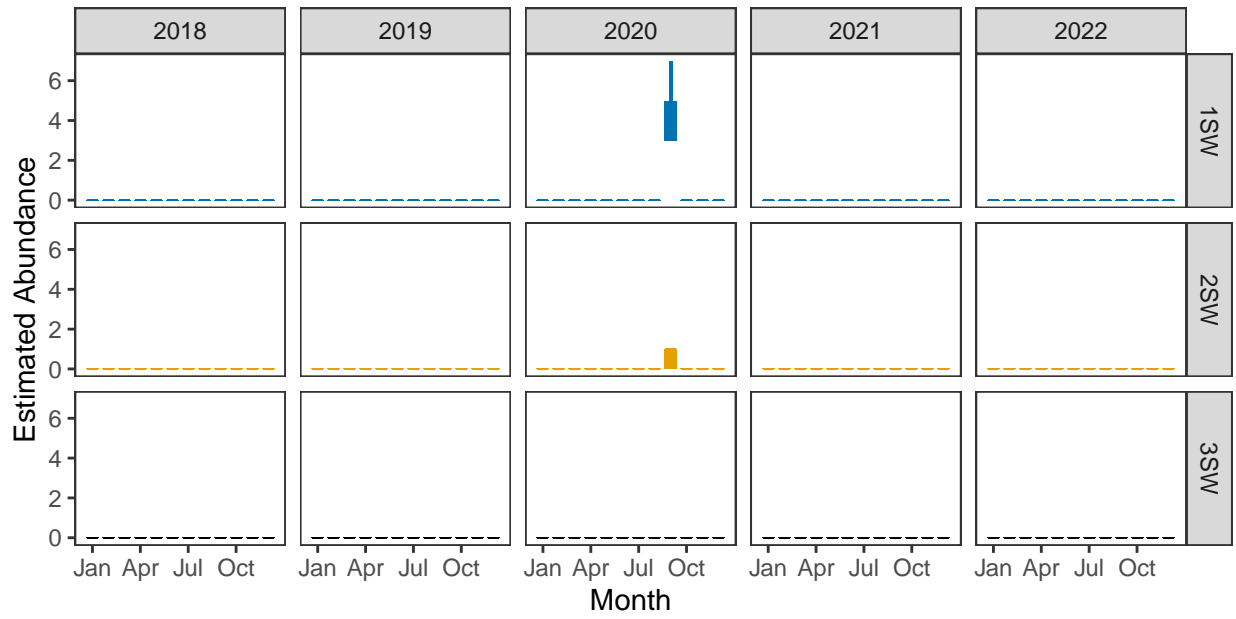Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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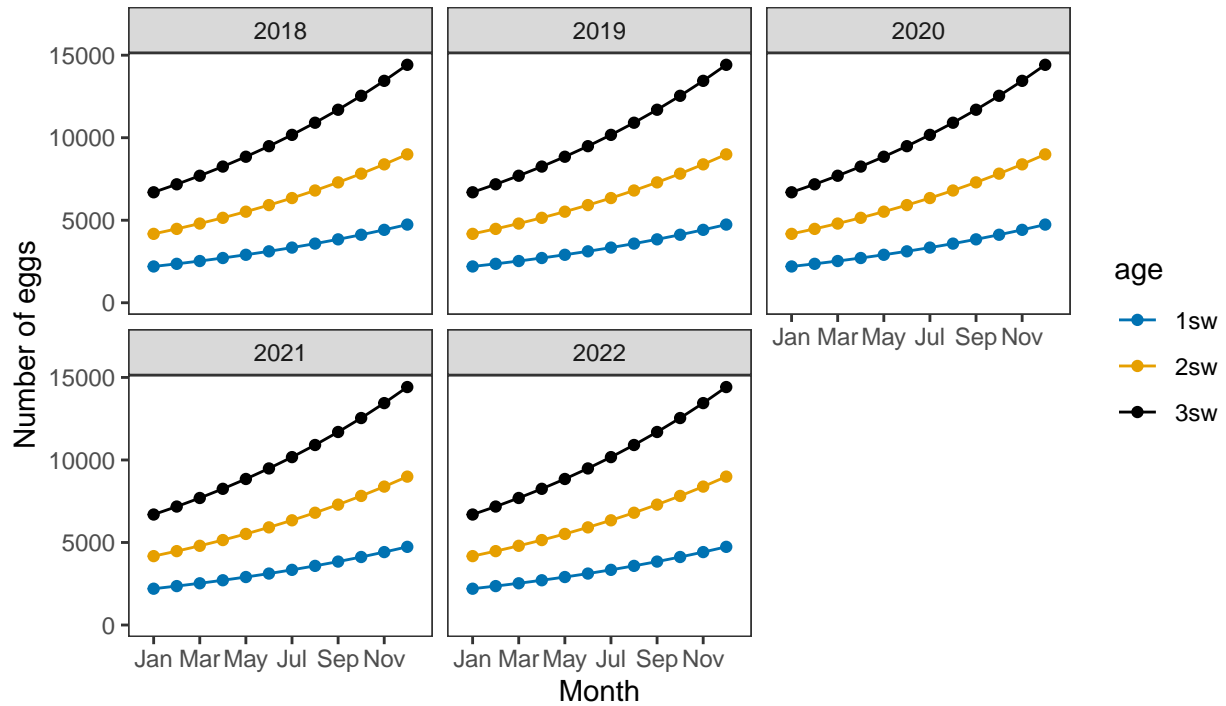
Ages of fish

4
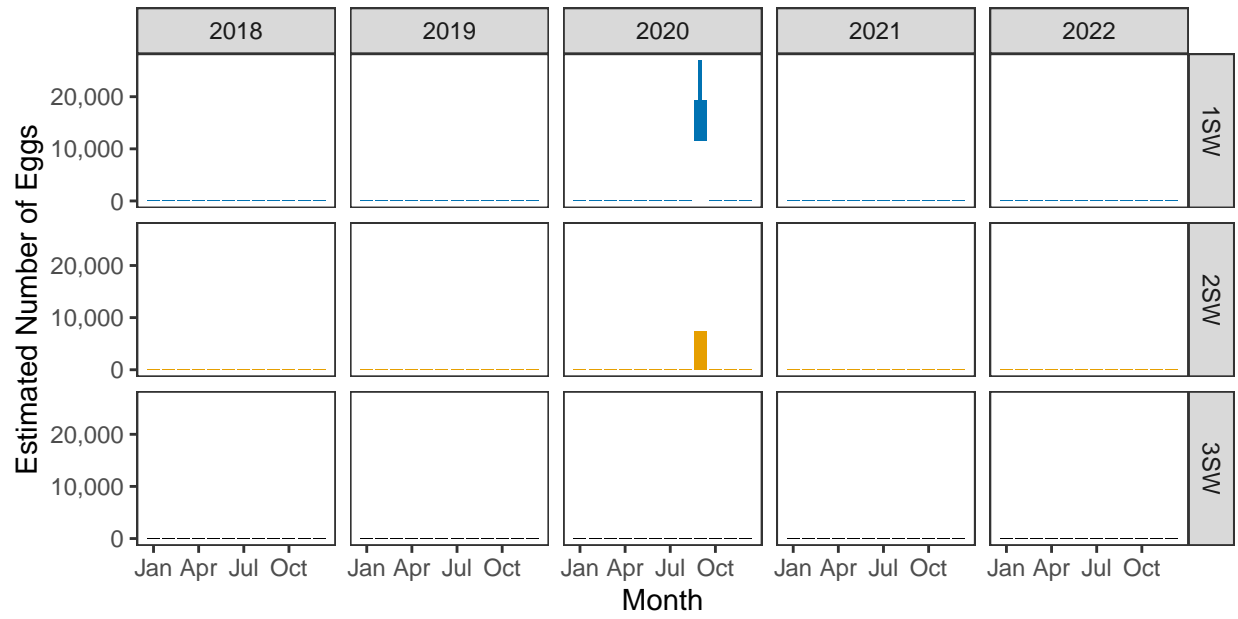
Monthly number of spawning females

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

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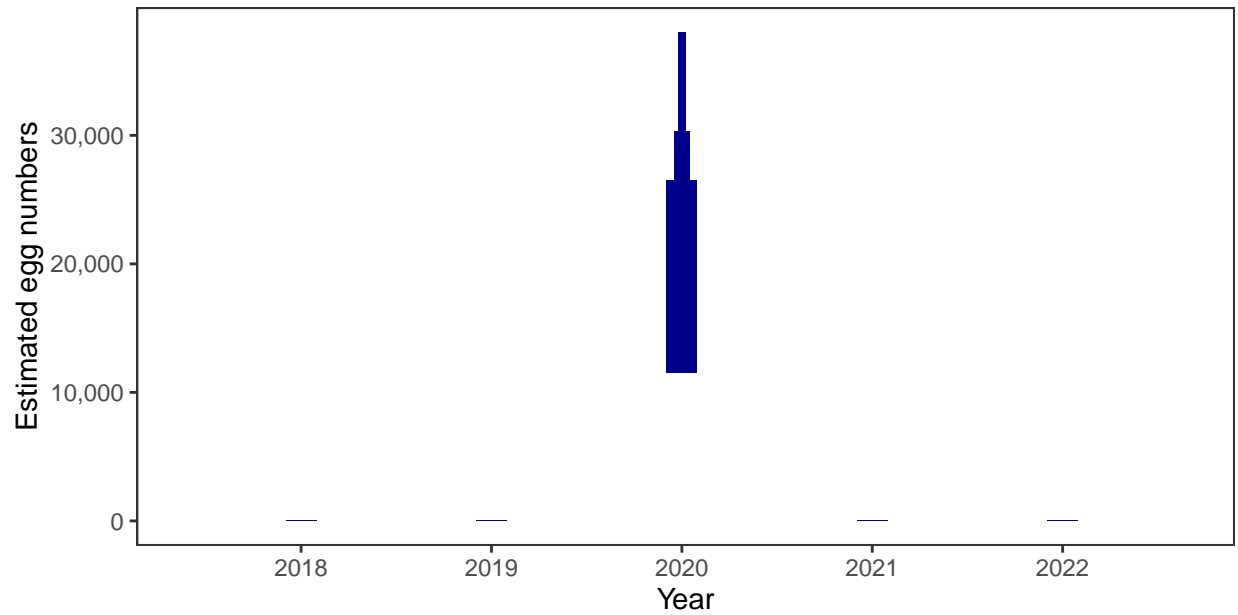
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

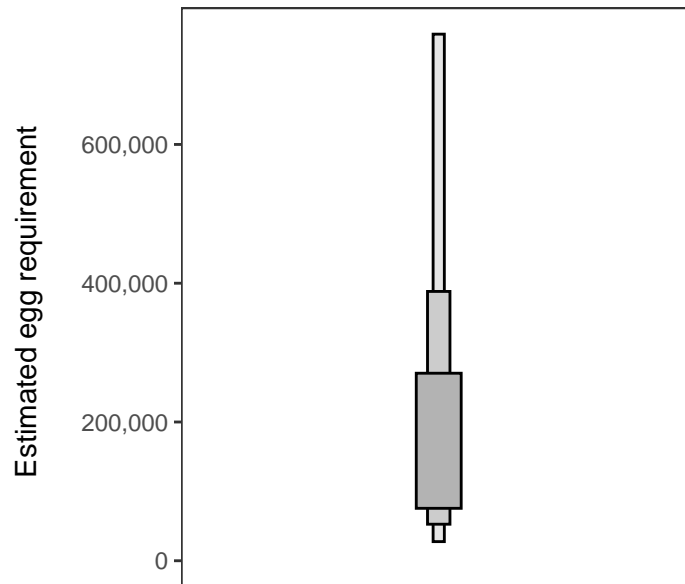Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	-
2019	-
2020	4.17
2021	0.21
2022	-

4. Egg requirement
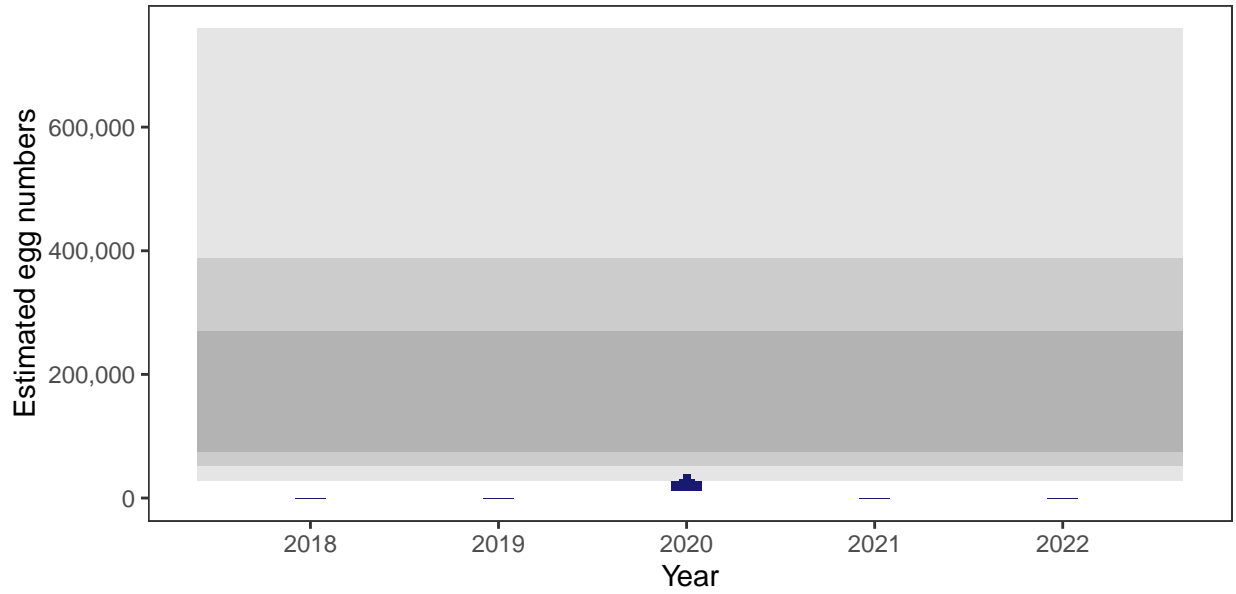
Areas of salmon habitat in square meters

There is an estimated 67,143 square meters of known salmon habitat in the Strath Shinary River and a further 34,081 square meters where salmon may be present.

Egg requirement

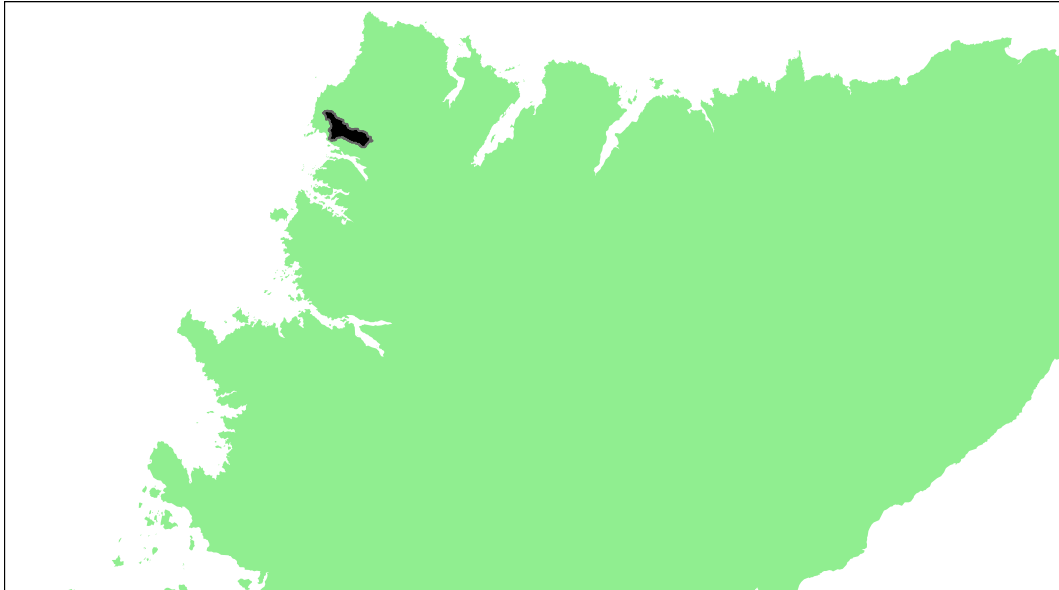

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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)
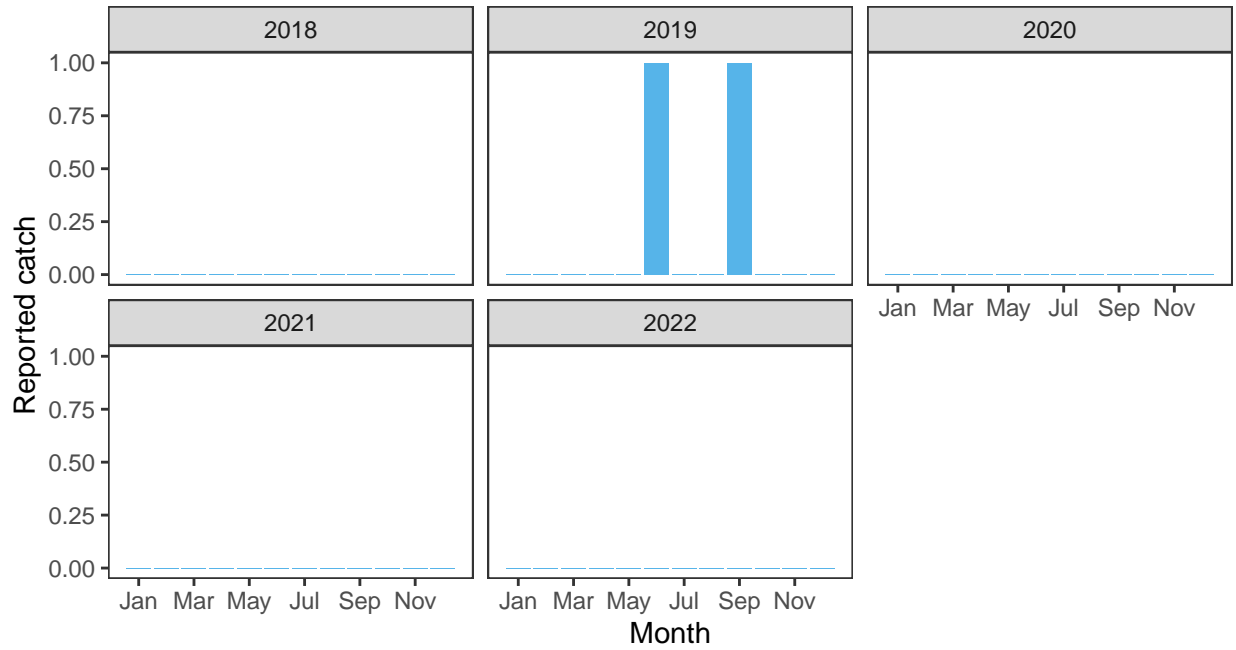
Abhainn Aisir Mhor system: Grade 3

Summary Table

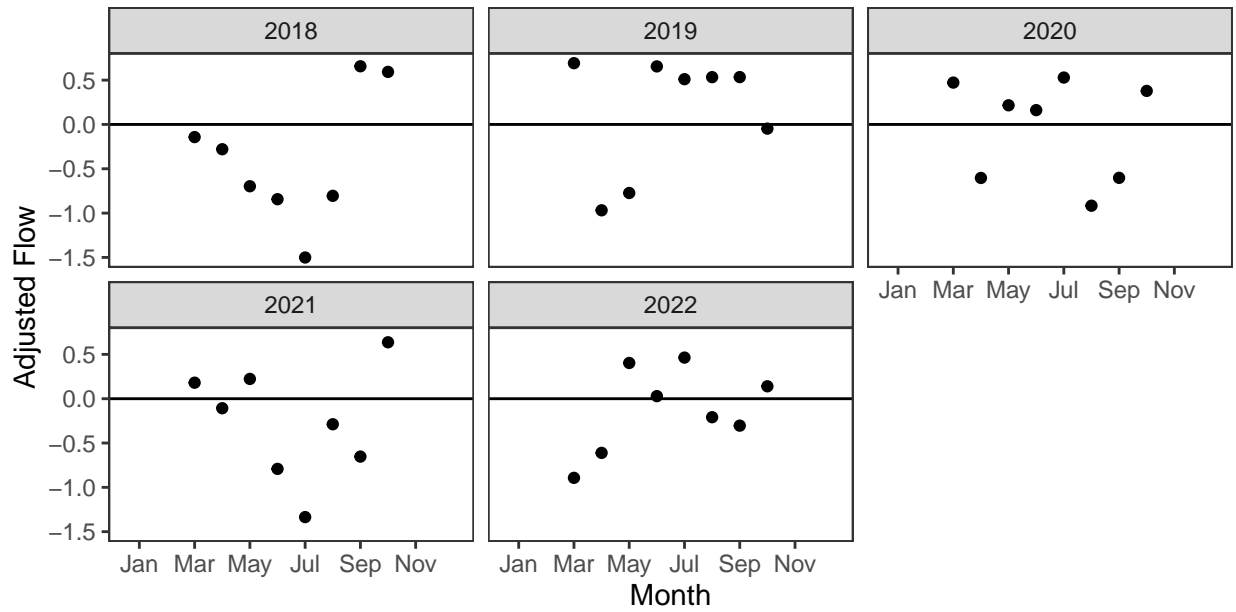| Eggs required $(m^2)^a$ | Area $(m^2)^a$ | Total egg requirement^a | Percentage chance meeting requirement | | | | | | Grade |
			2018	2019	2020	2021	2022	Overall	
1.95	7,000	14,000	0	79.9	0	0	0	0.1598	3

^{a} Figures presented are median values

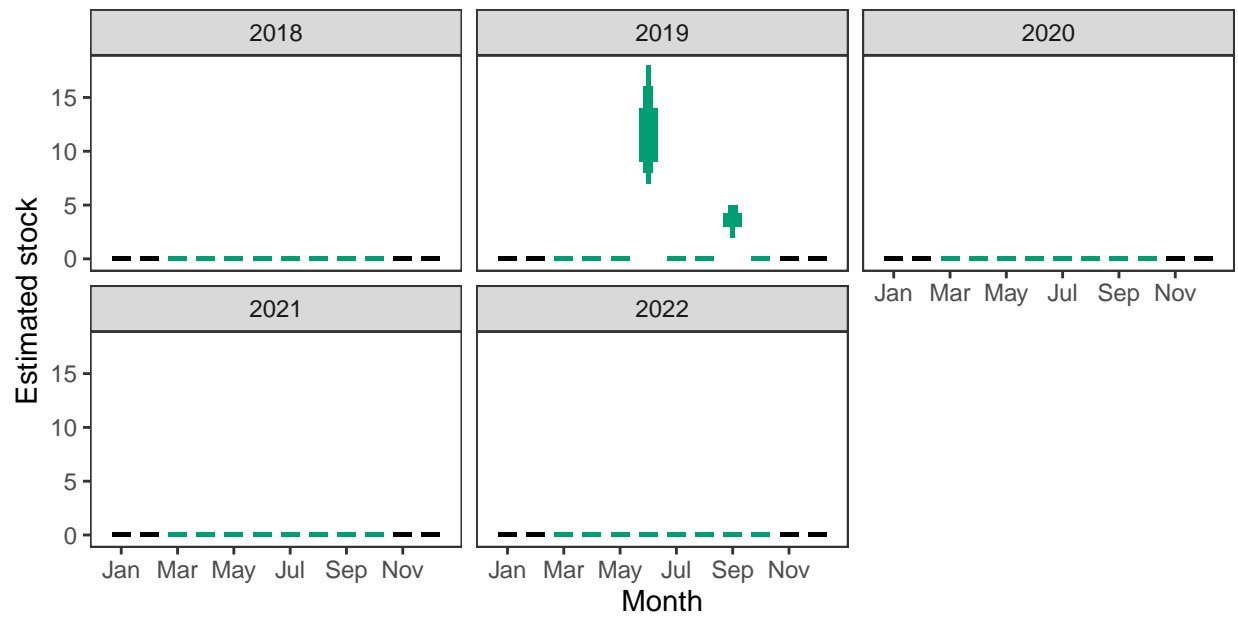## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
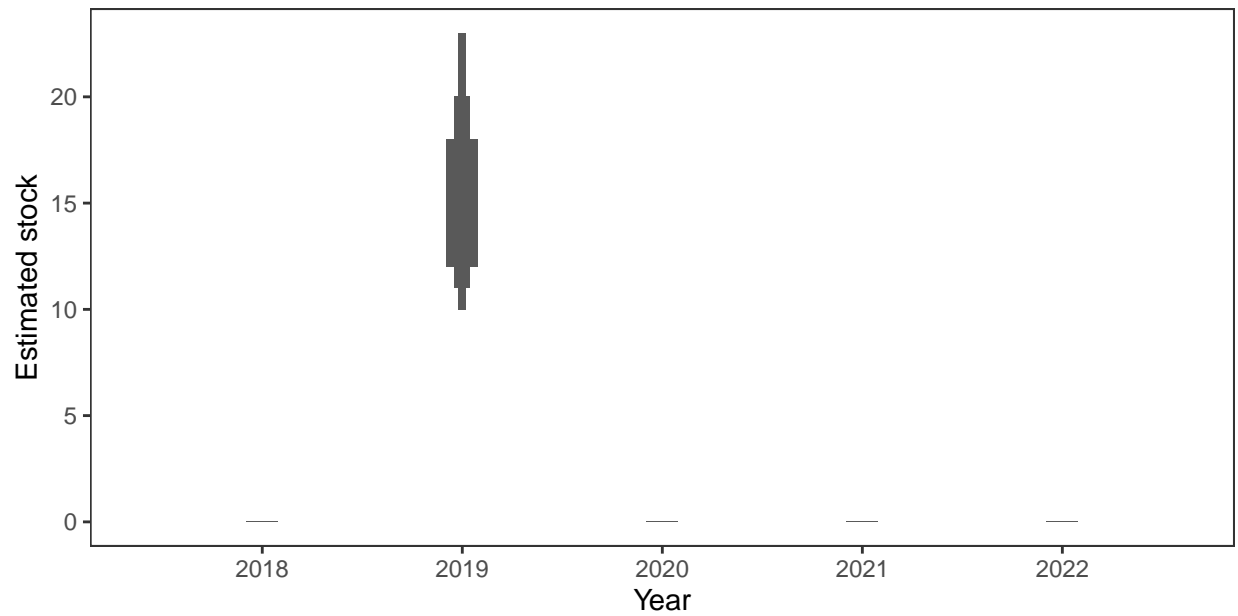

Monthly flow data

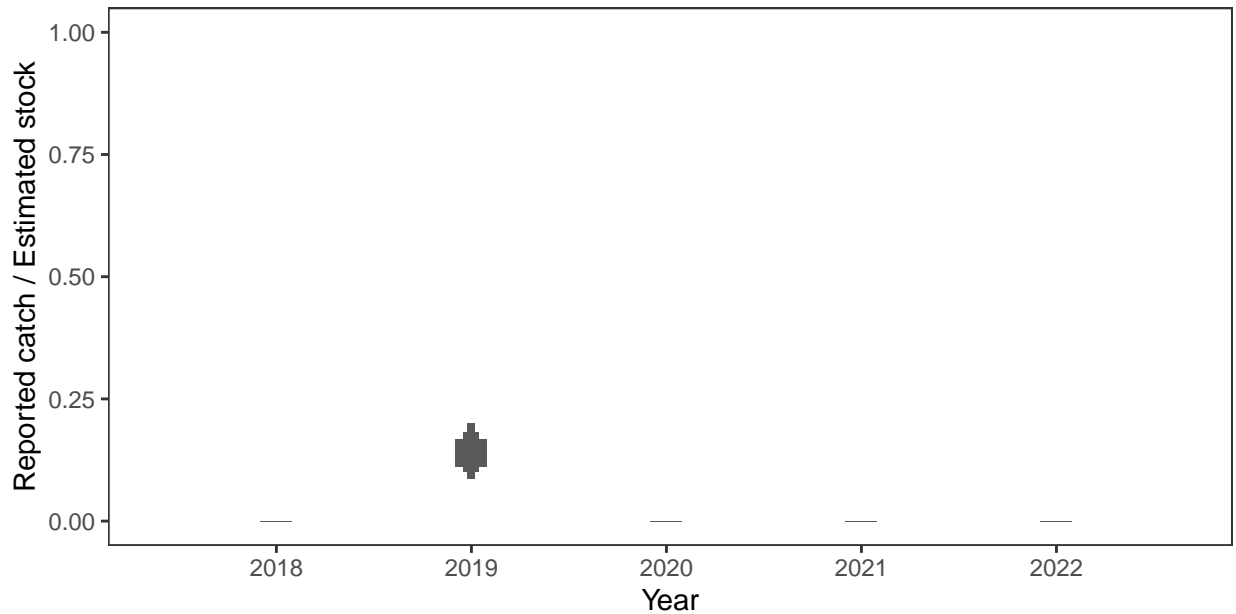*Monthly stock estimates (out of season in black)*

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

Annual estimated stock

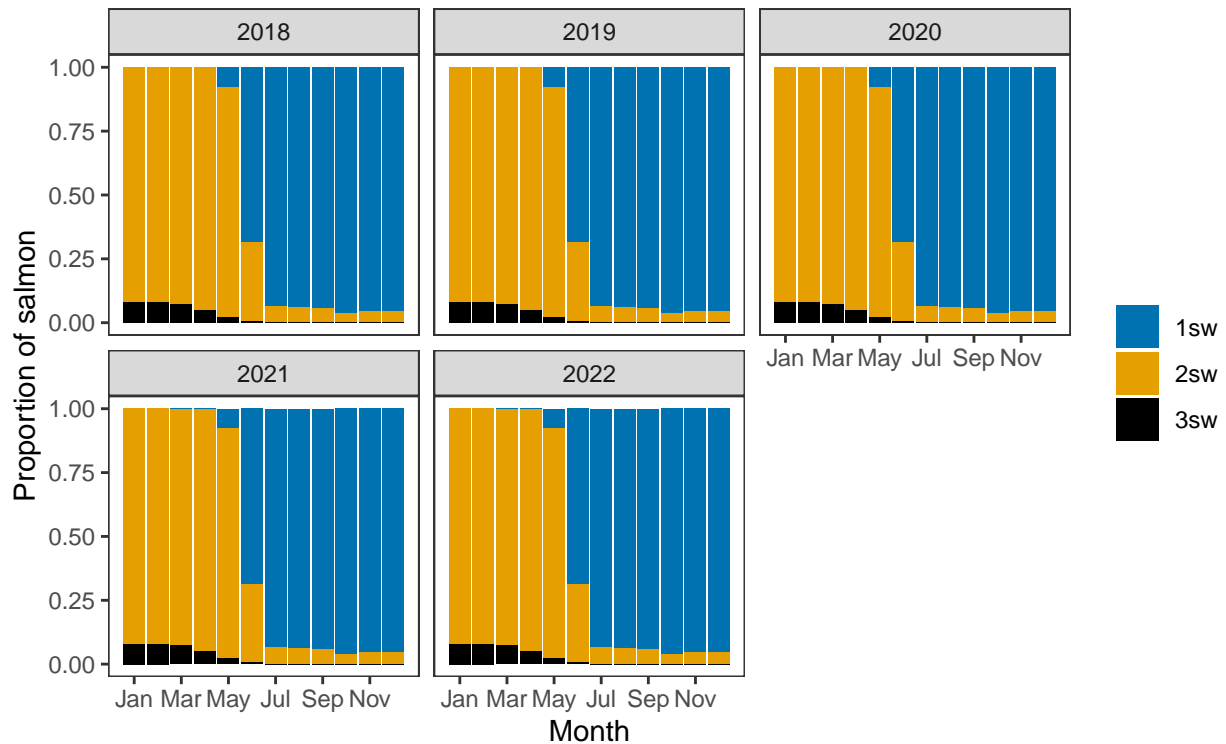Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual catch as a proportion of stock

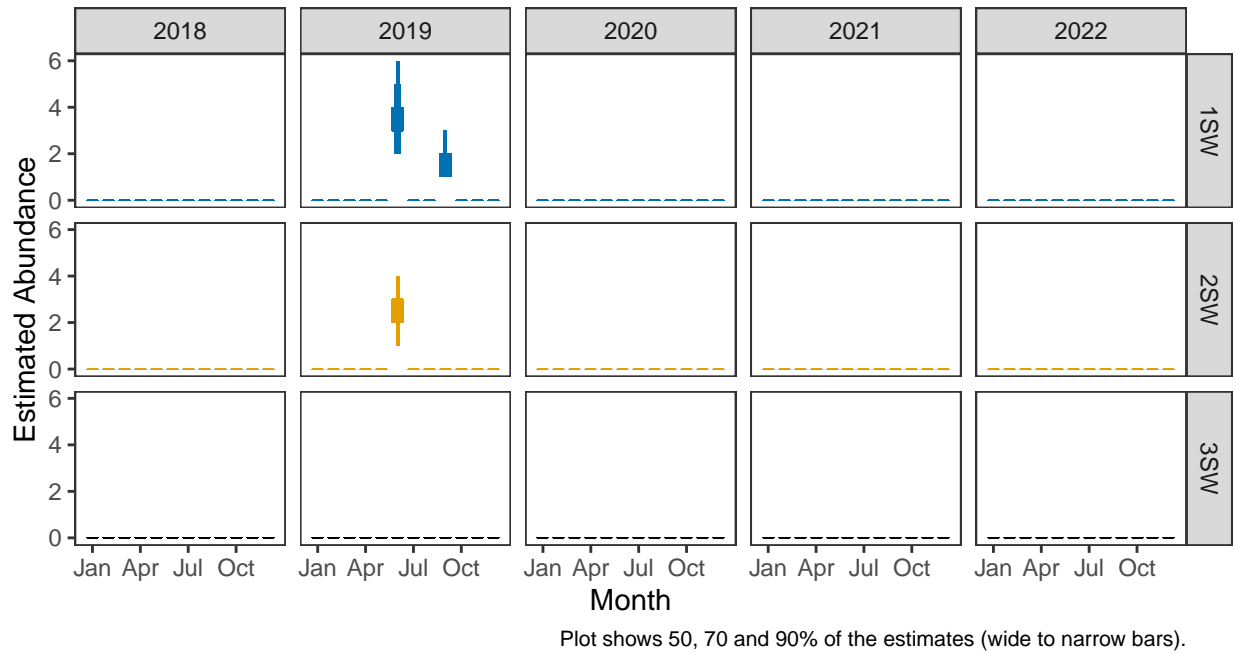Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

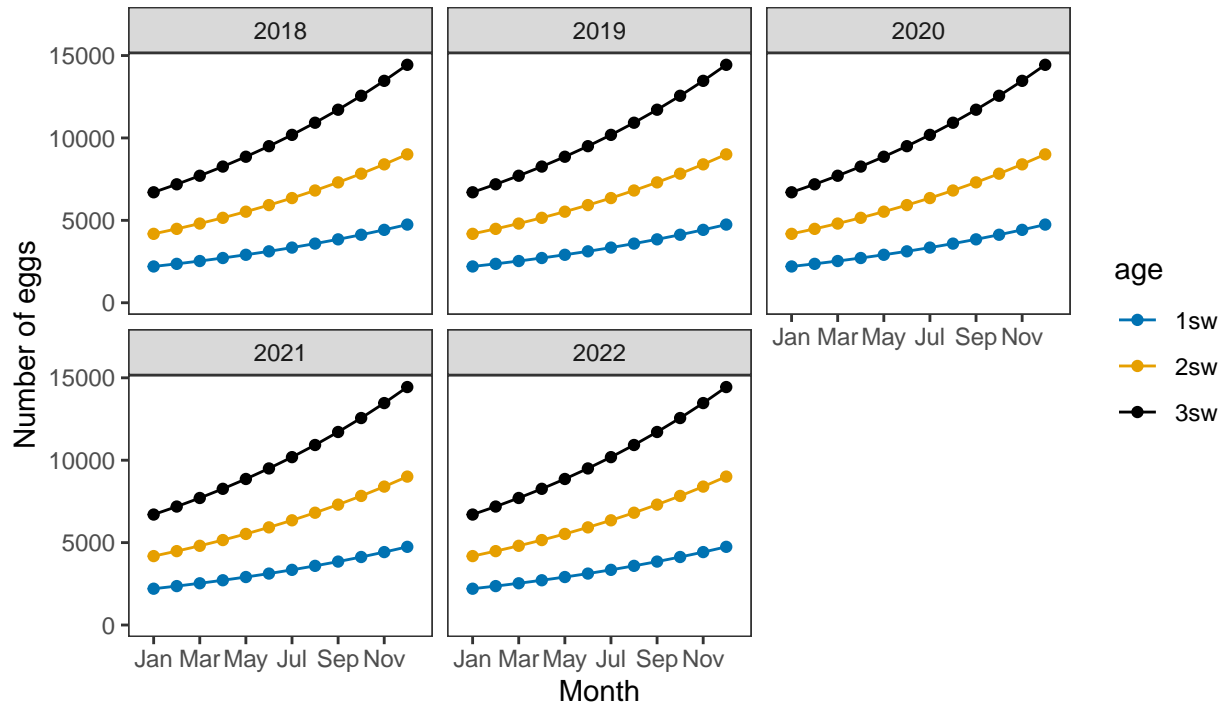## 2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
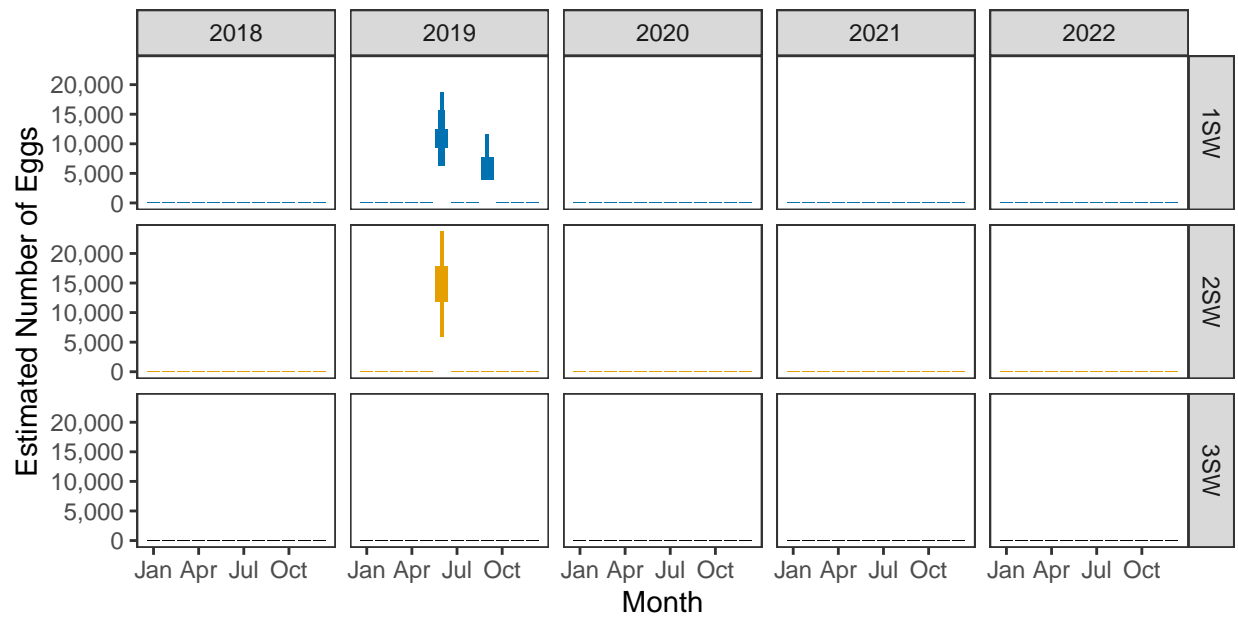
Ages of fish

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
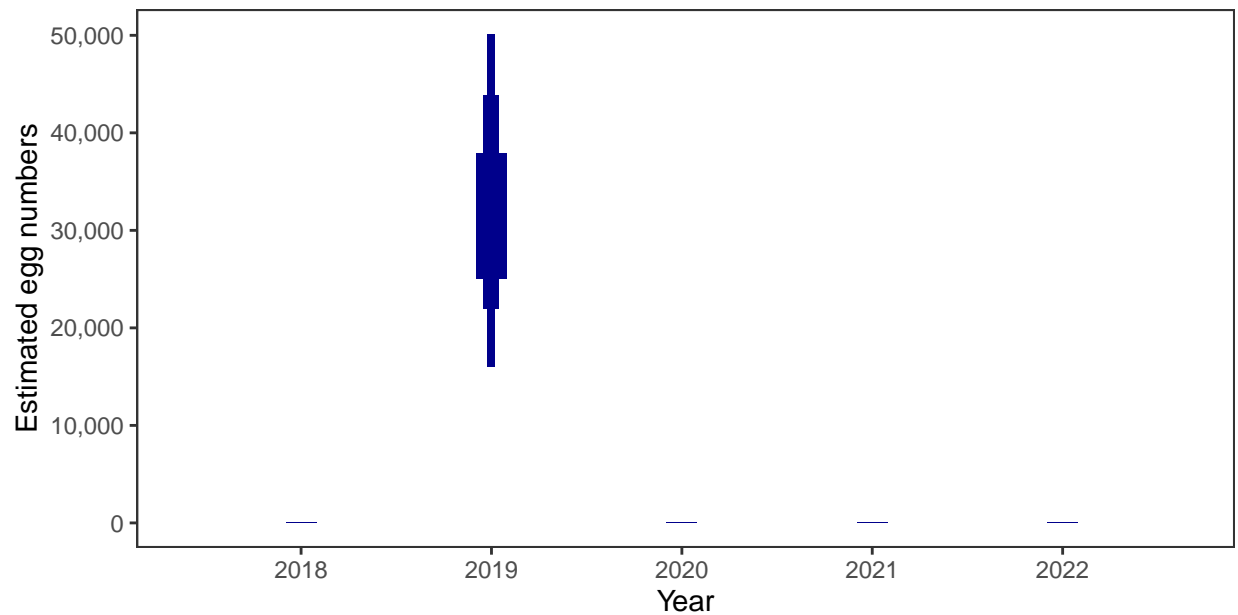
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

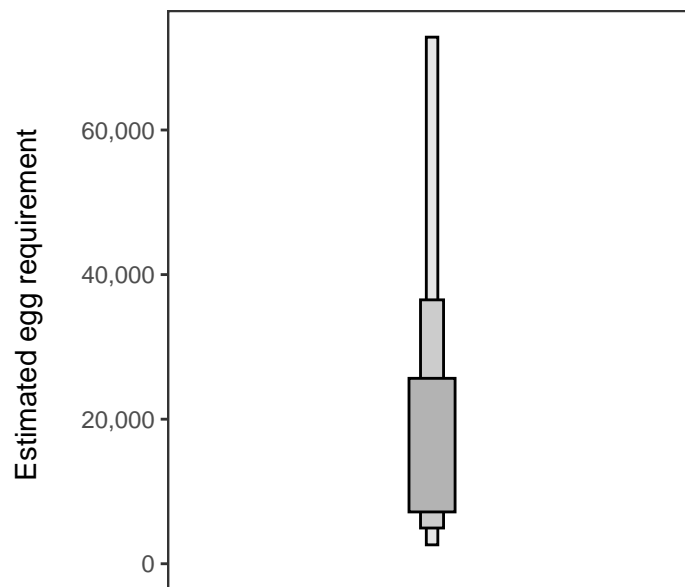Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	-
2019	79.9
2020	-
2021	-
2022	-

4. Egg requirement
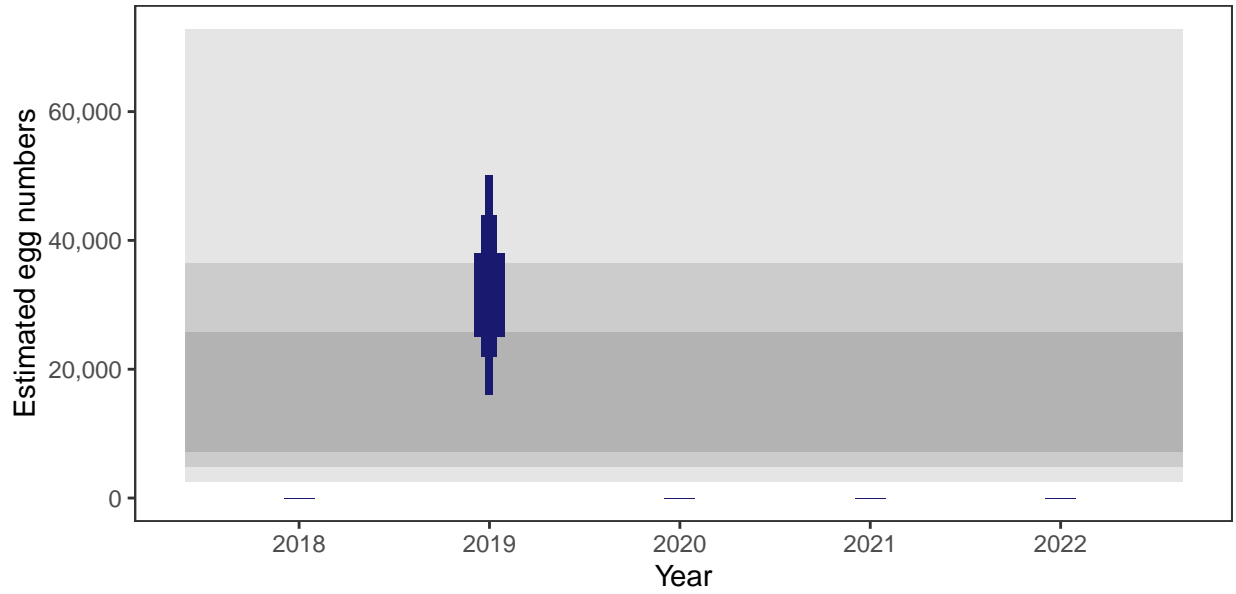
Areas of salmon habitat in square meters

There is an estimated 7,434 square meters of known salmon habitat in the Abhainn Aisir Mhor system and a further 982 square meters where salmon may be present.

Egg requirement

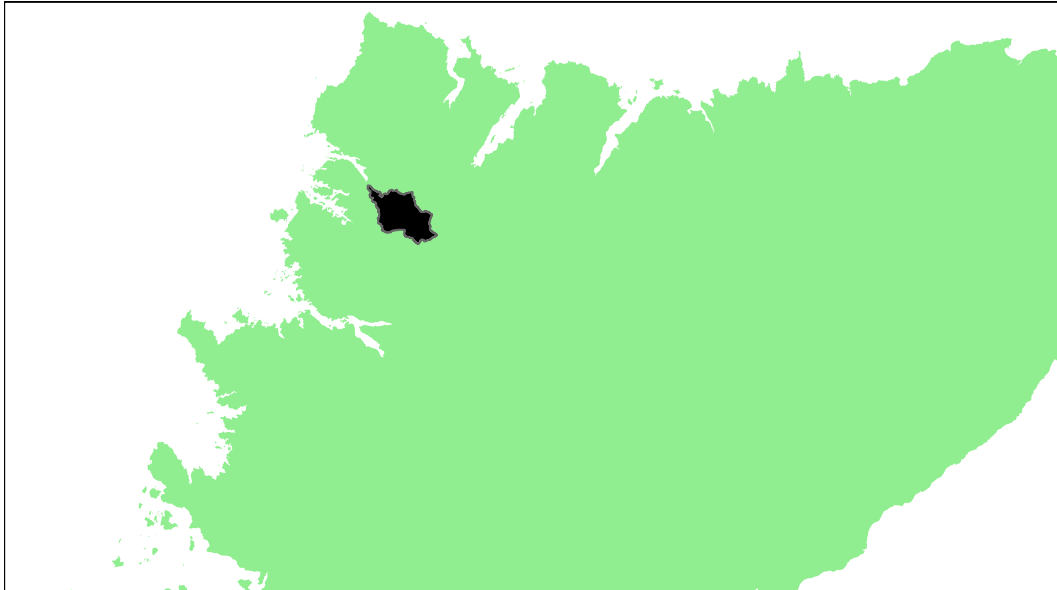

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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)
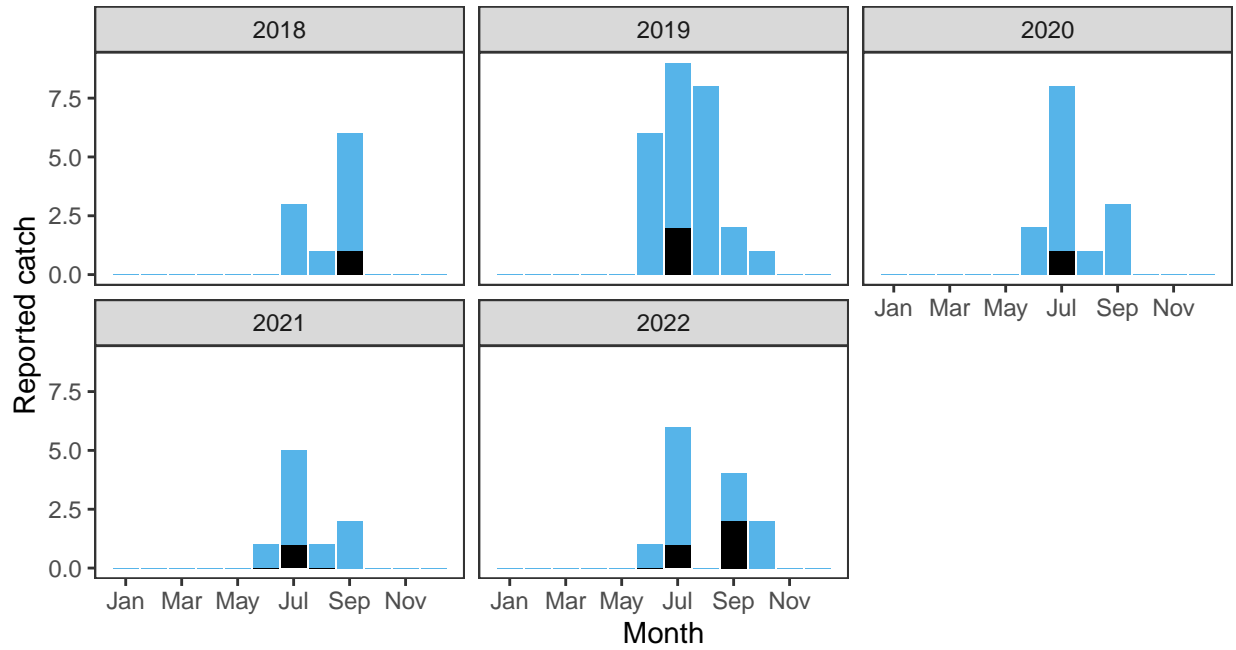
Rhiconich River: Grade 1

Summary Table

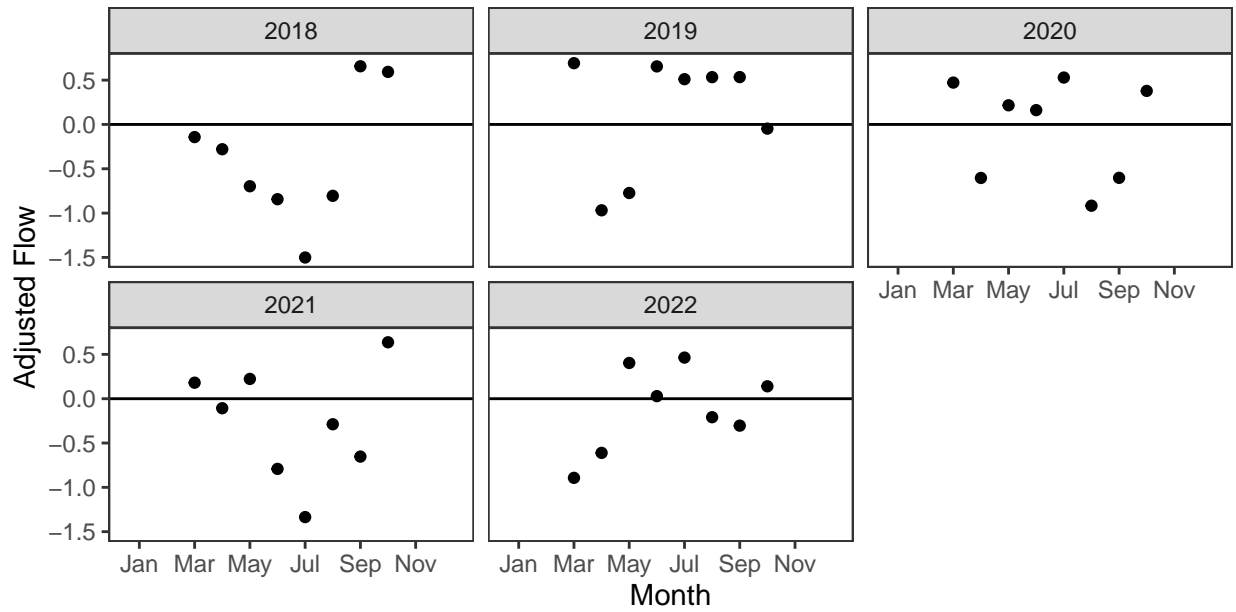| Eggs required (m²)[a]	Area (m²)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
1.99	29,000	57,000	83.42	96.59	92.17	91.49	86.9	0.90114	1

[a] Figures presented are median values

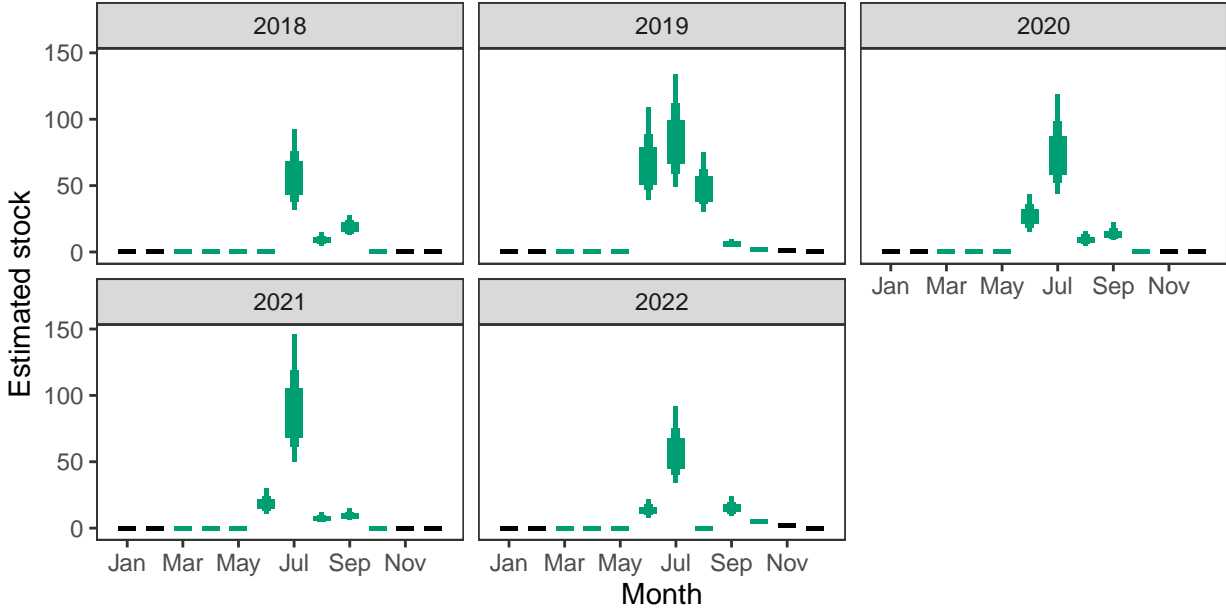# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
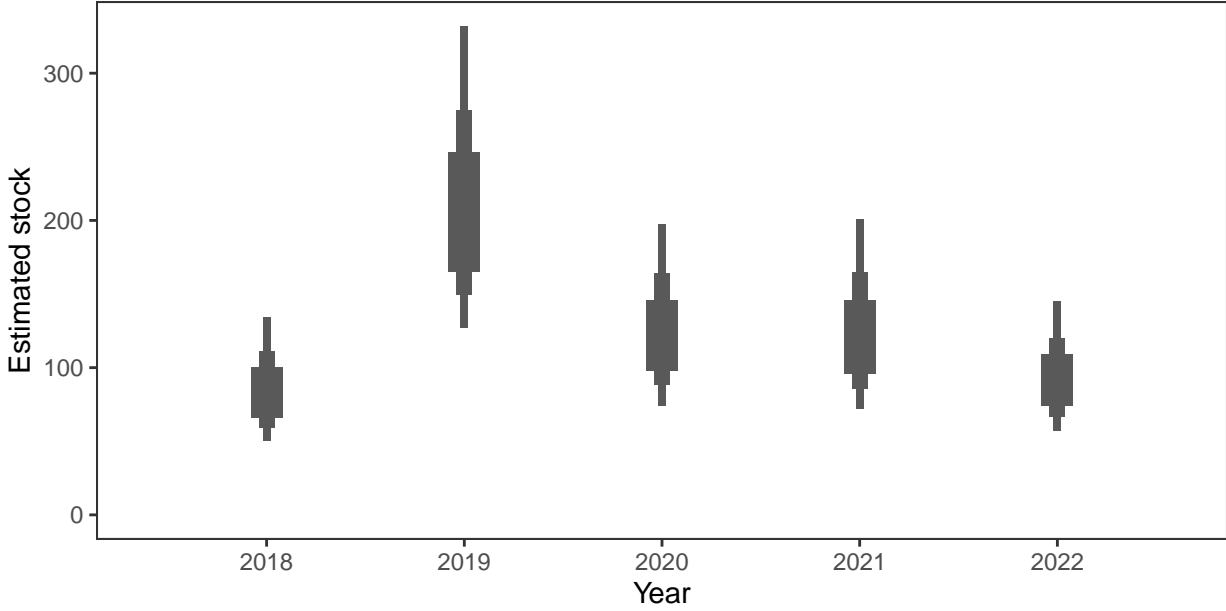

Monthly flow data

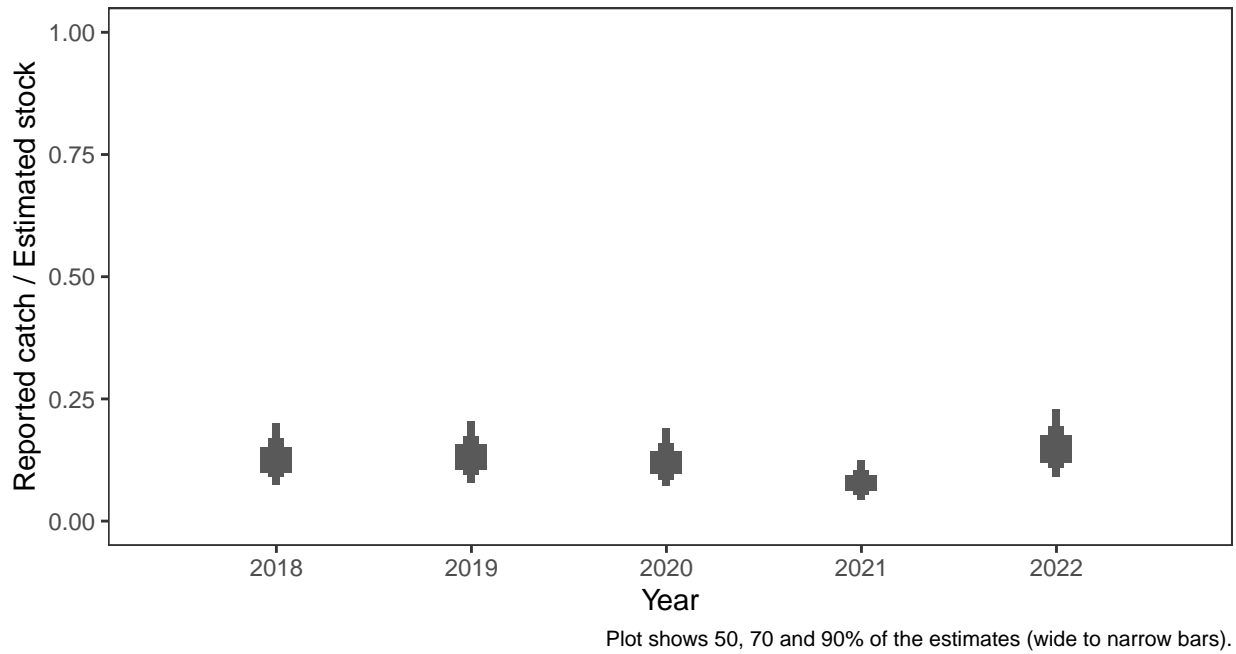*Monthly stock estimates (out of season in black)*

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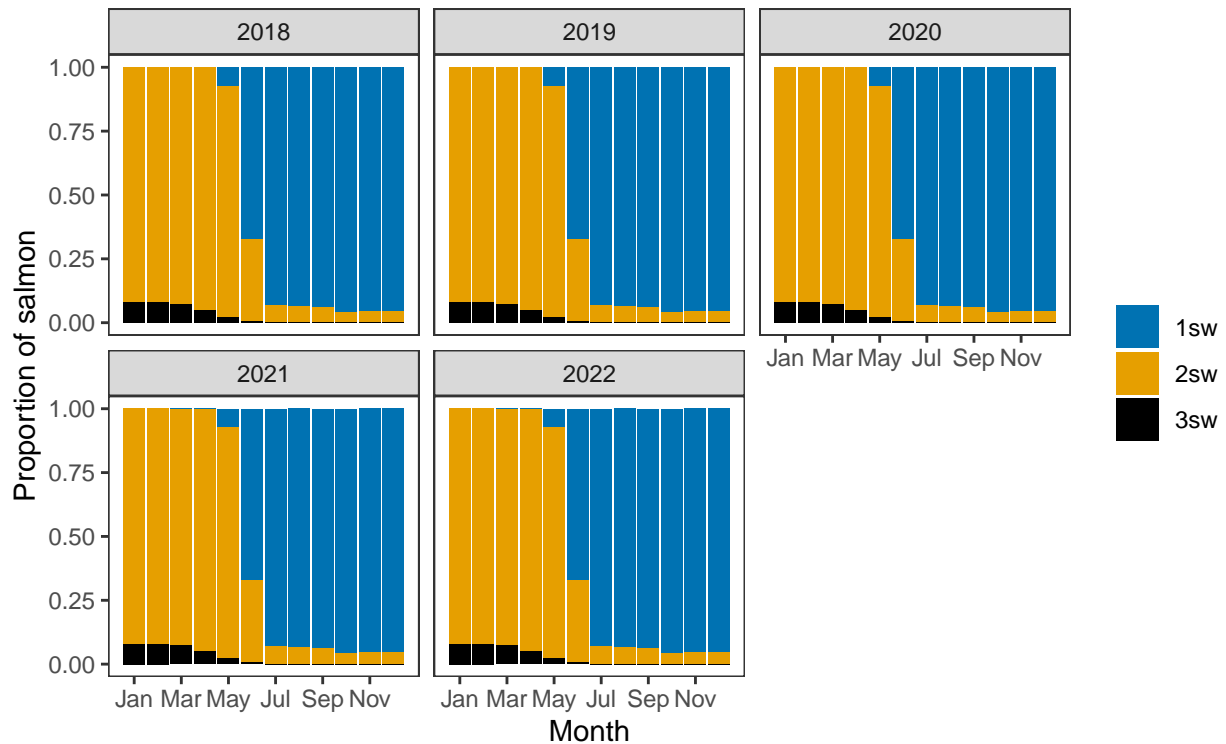
Annual estimated stock

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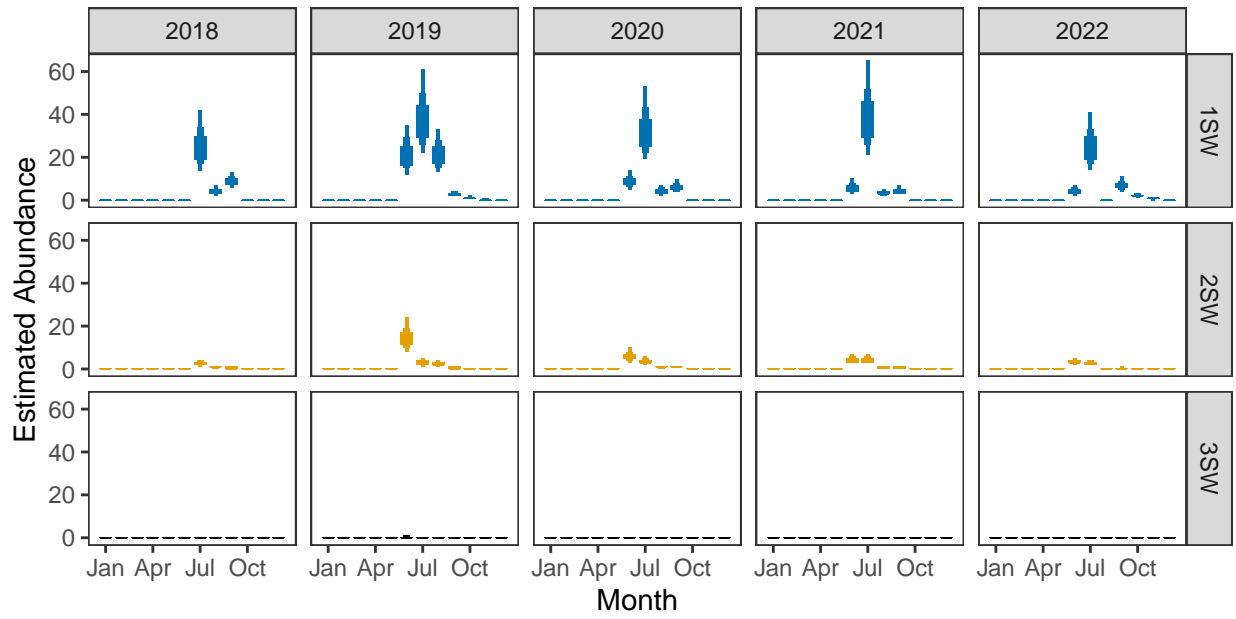
Annual catch as a proportion of stock

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

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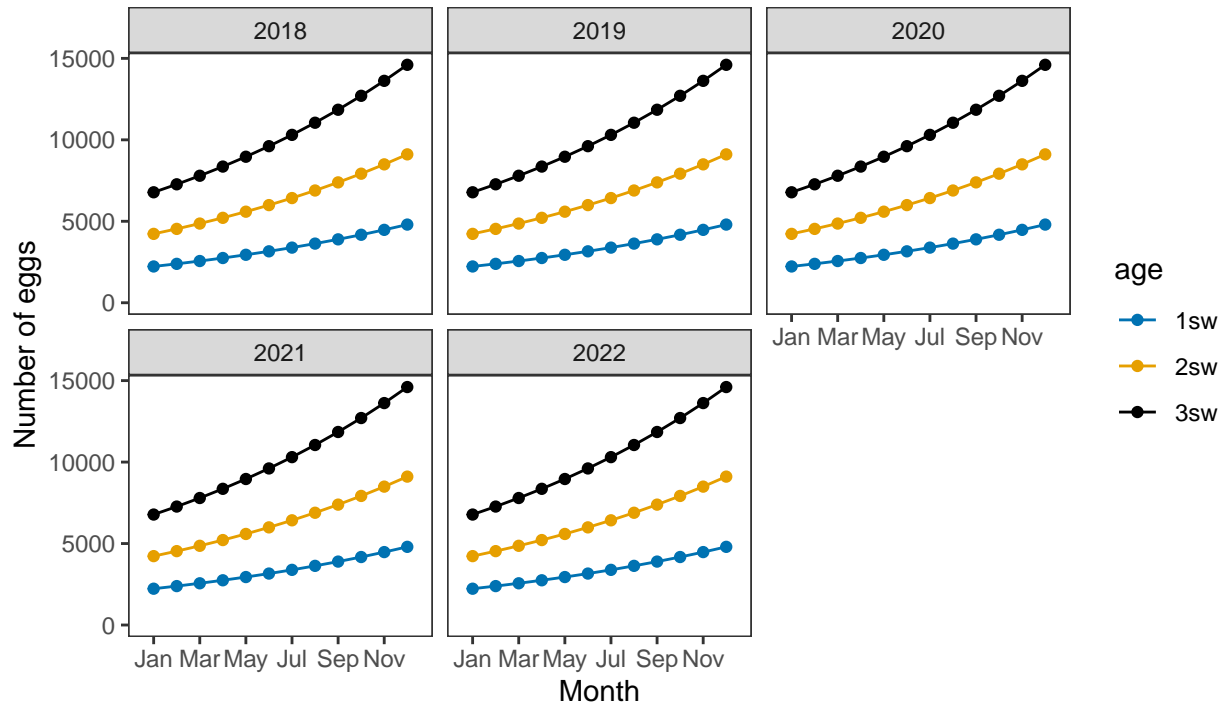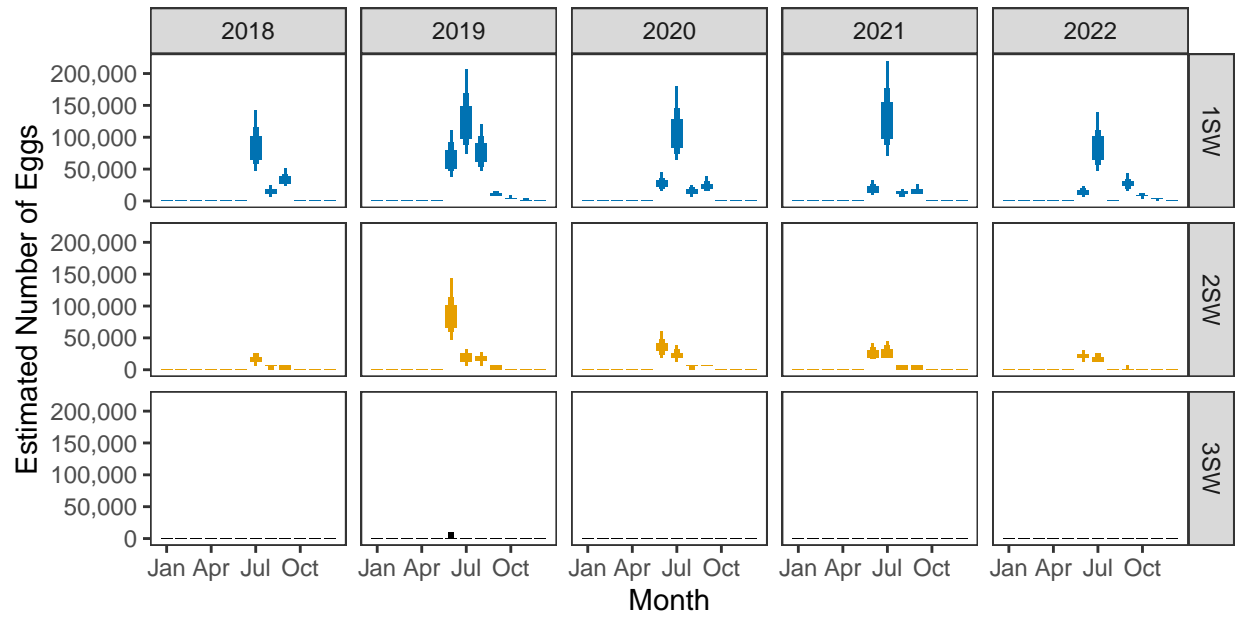
Ages of fish

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
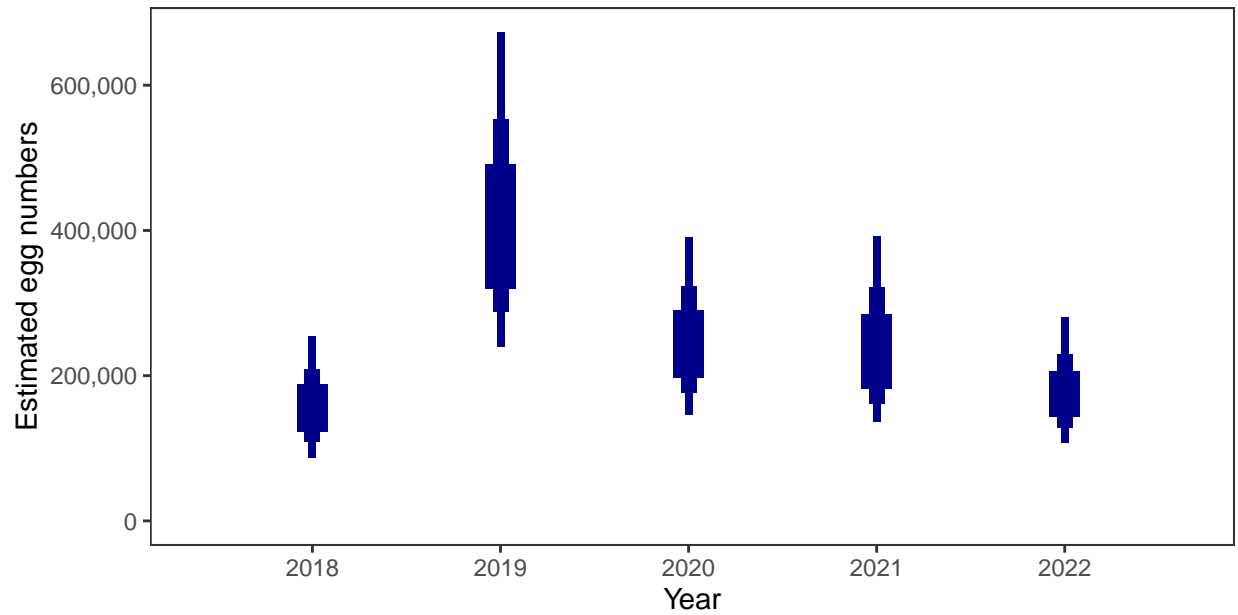
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

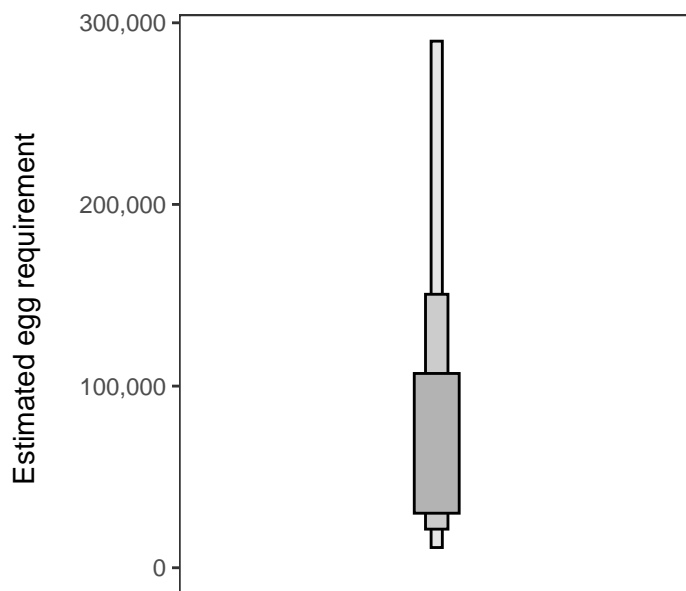Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	83.42
2019	96.59
2020	92.17
2021	91.49
2022	86.90

4. Egg requirement

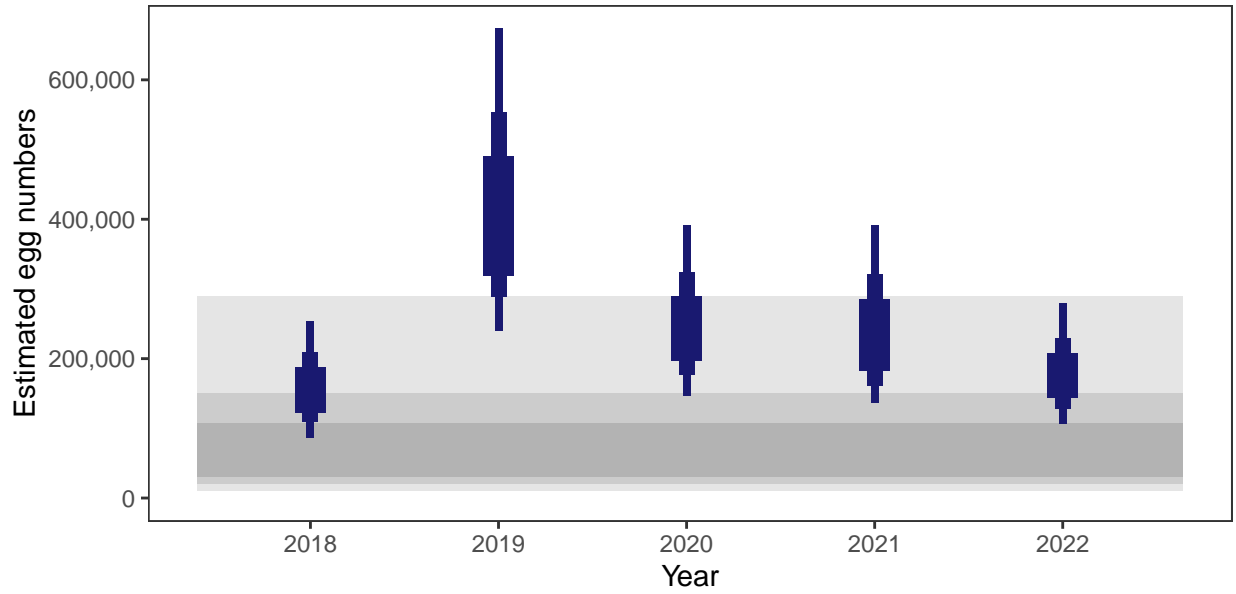### *Areas of salmon habitat in square meters*

There is an estimated 30,768 square meters of known salmon habitat in the Rhiconich River and a further 3,667 square meters where salmon may be present.

Egg requirement

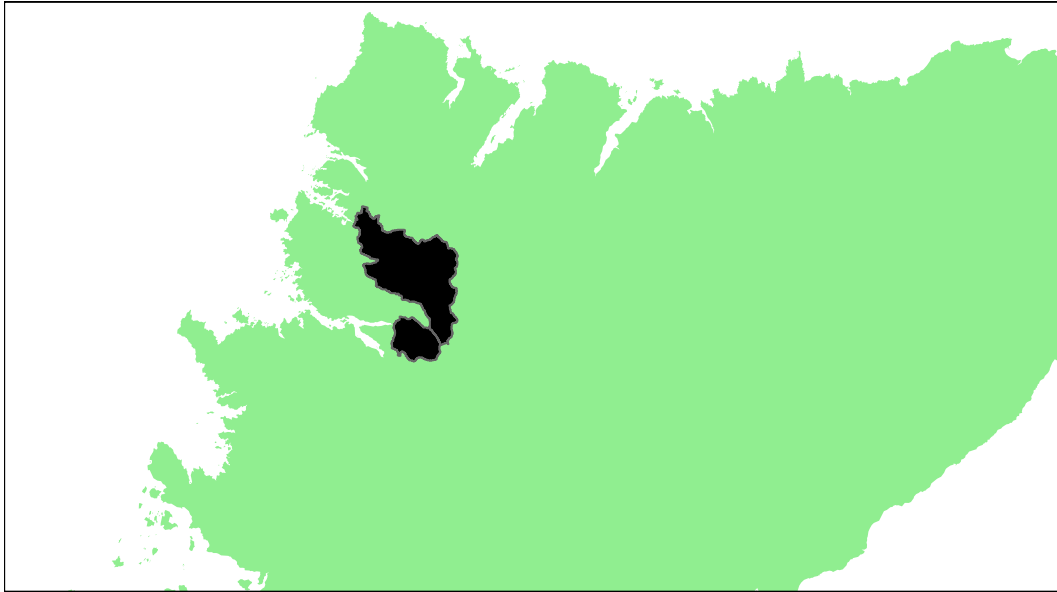

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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)
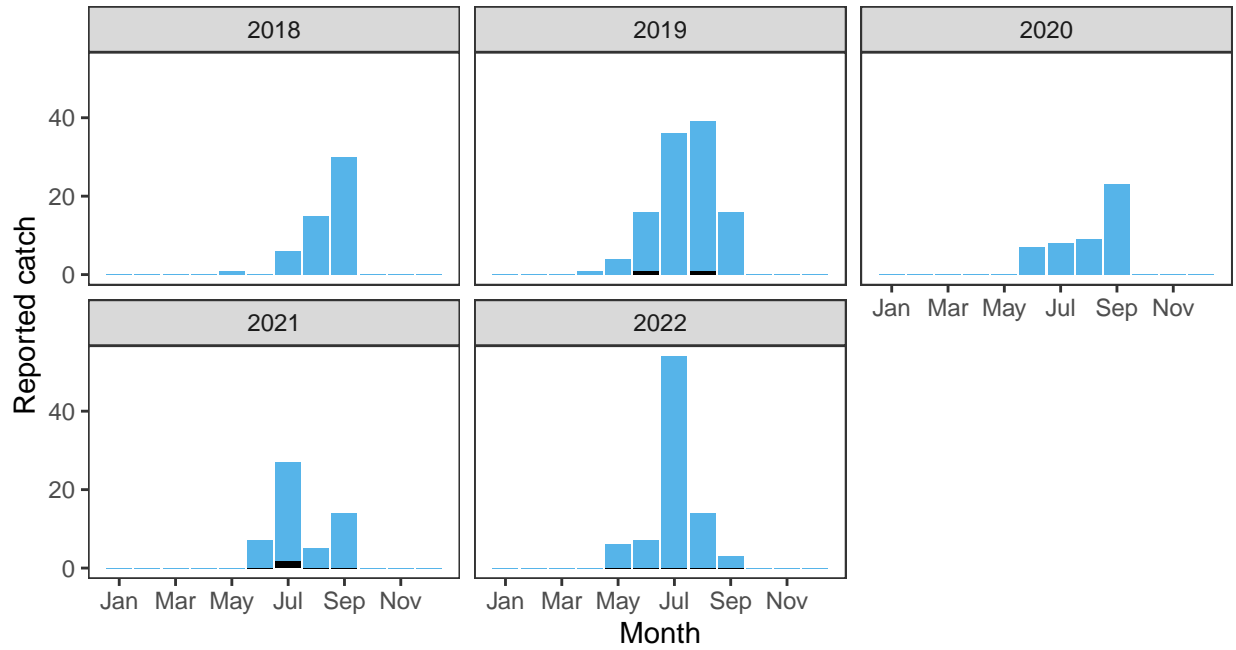
Laxford and Gleann Dubh: Grade 2

Summary Table

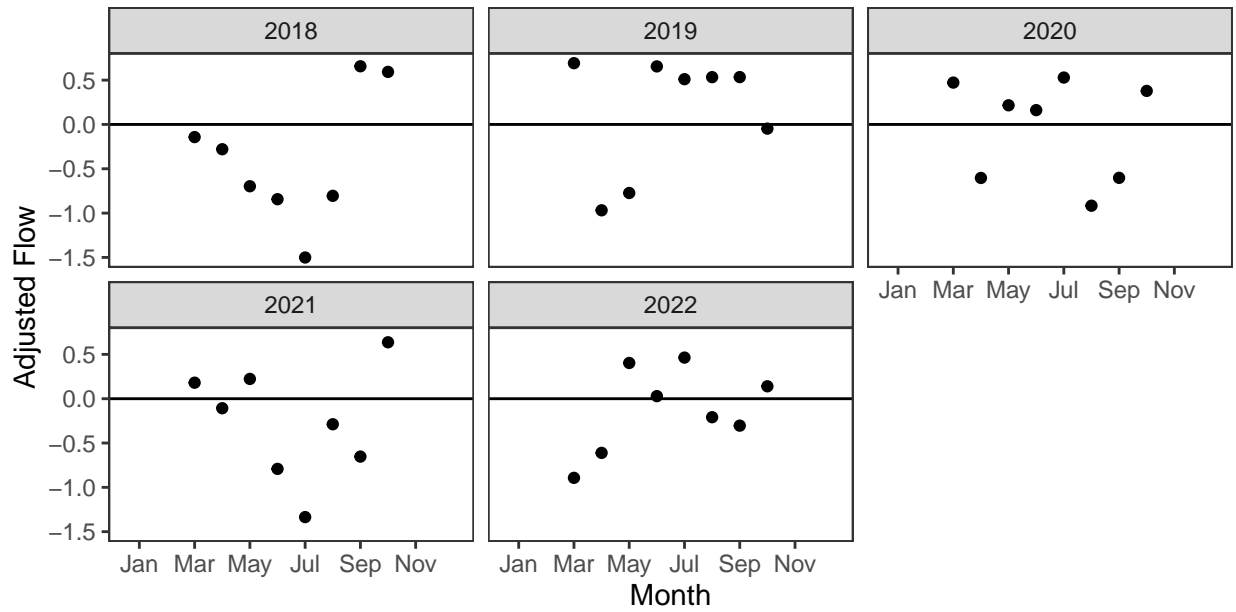| Eggs required $(m^2)^a$	Area $(m^2)^a$	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
2.42	256,000	623,000	53.57	86.45	54.52	77.69	83.05	0.71056	2

[a] Figures presented are median values

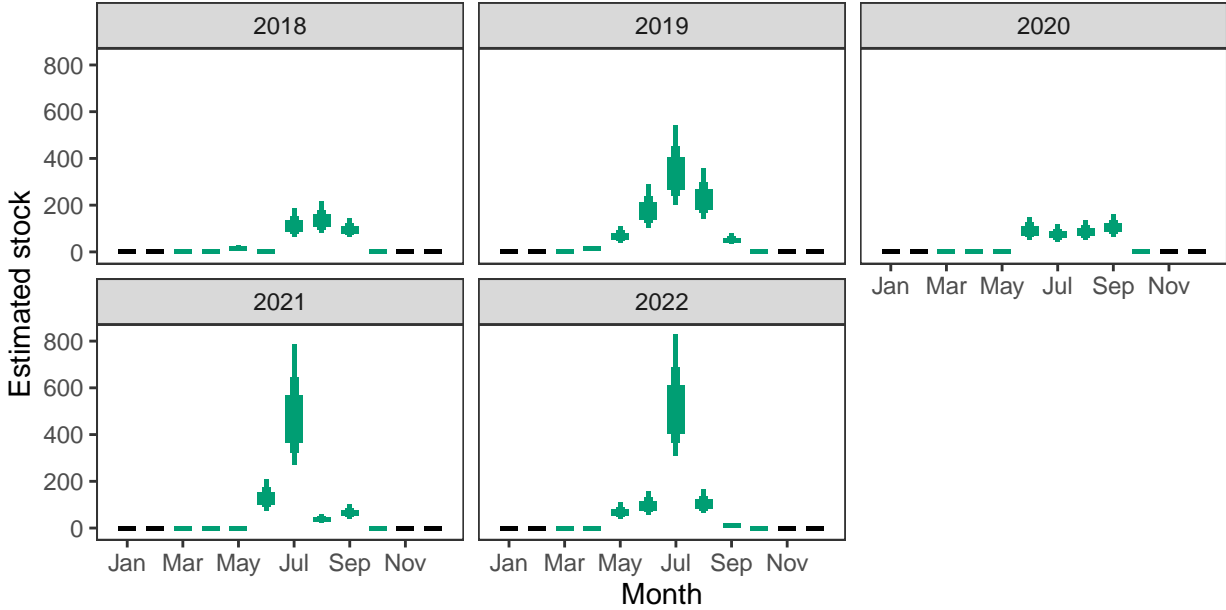# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
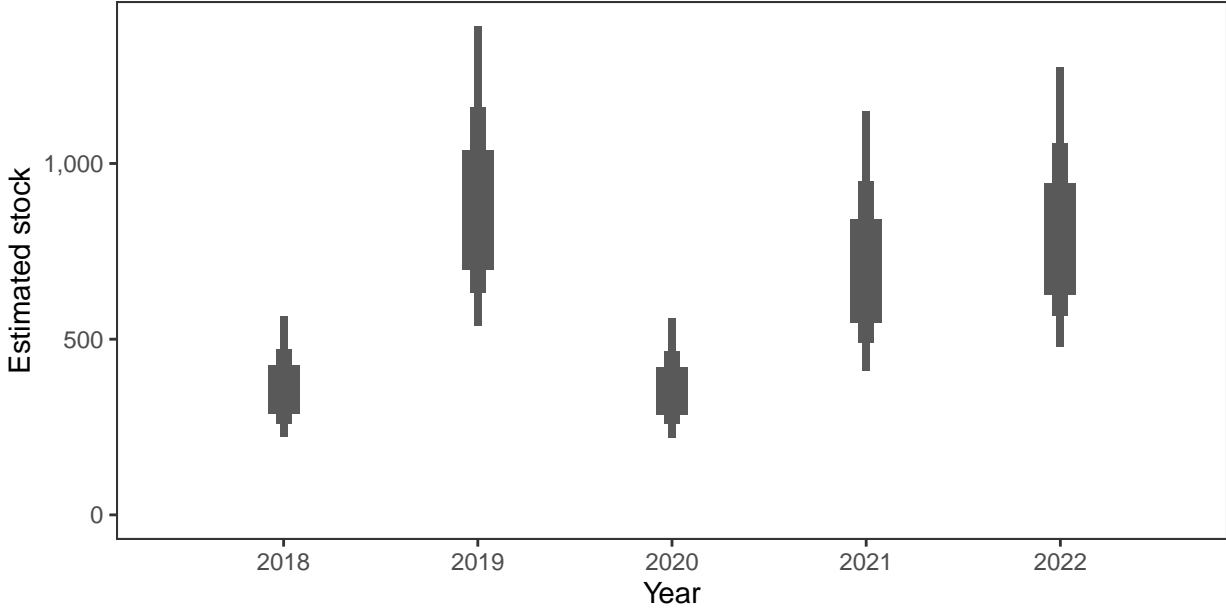

Monthly flow data
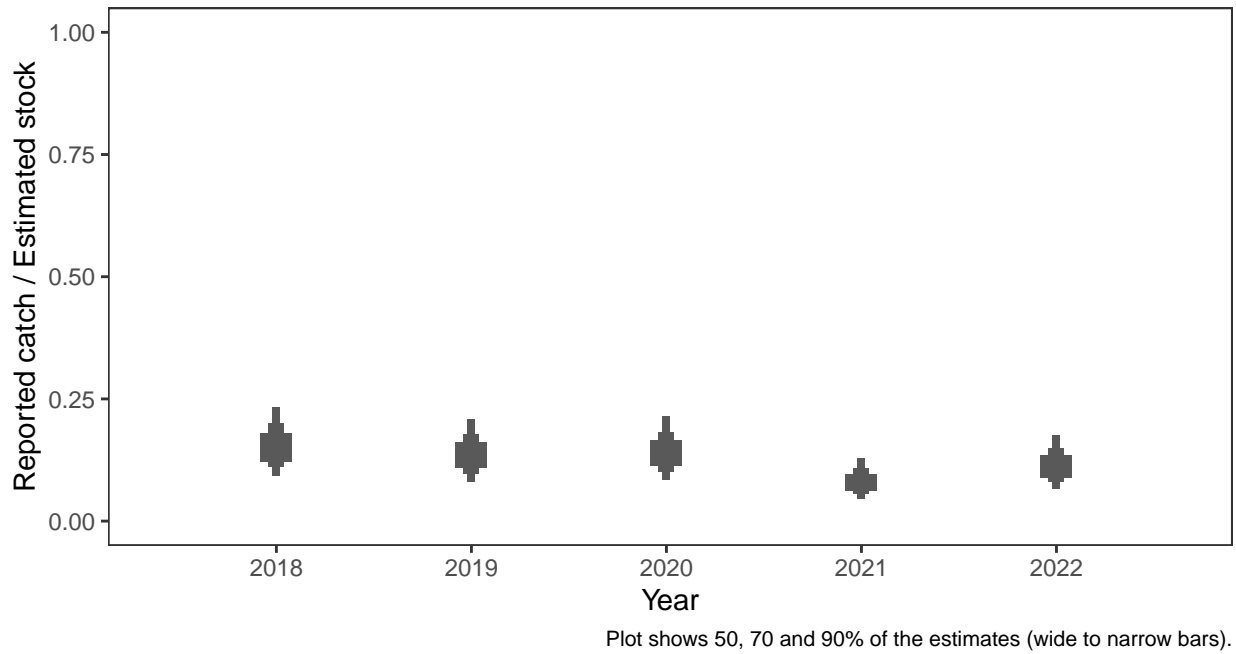
Monthly stock estimates (out of season in black)

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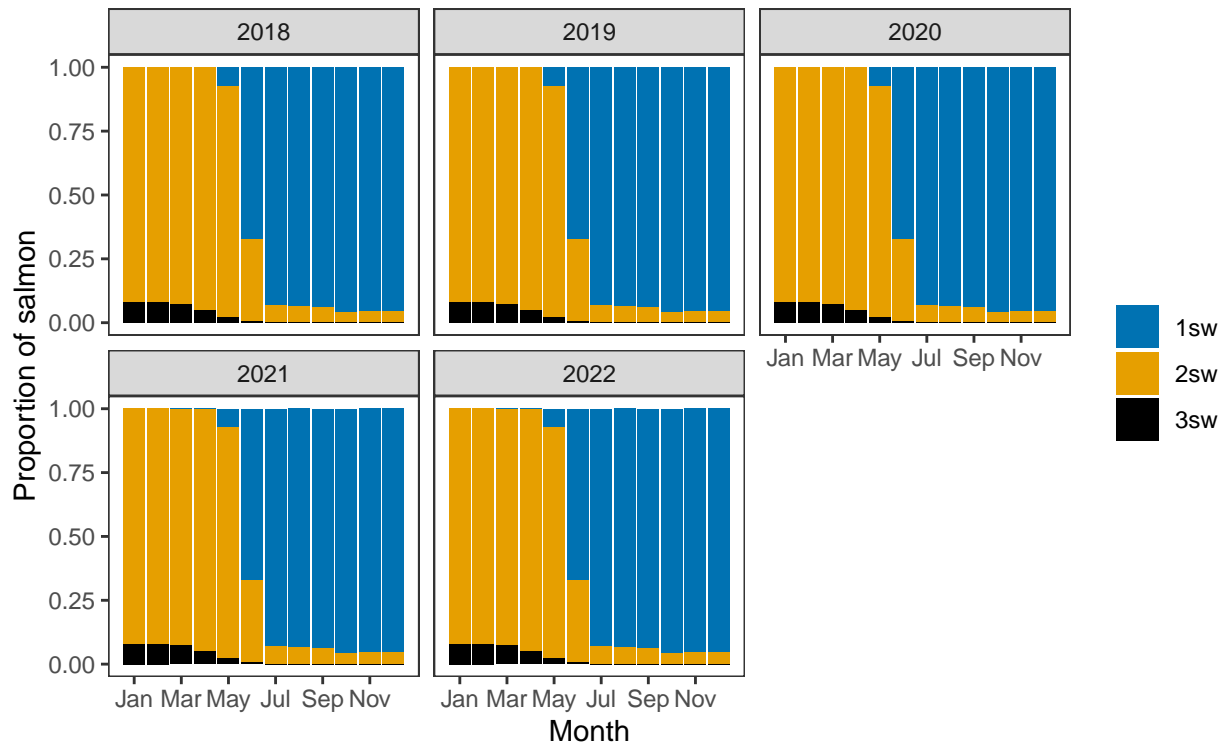
Annual estimated stock

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

Annual catch as a proportion of stock

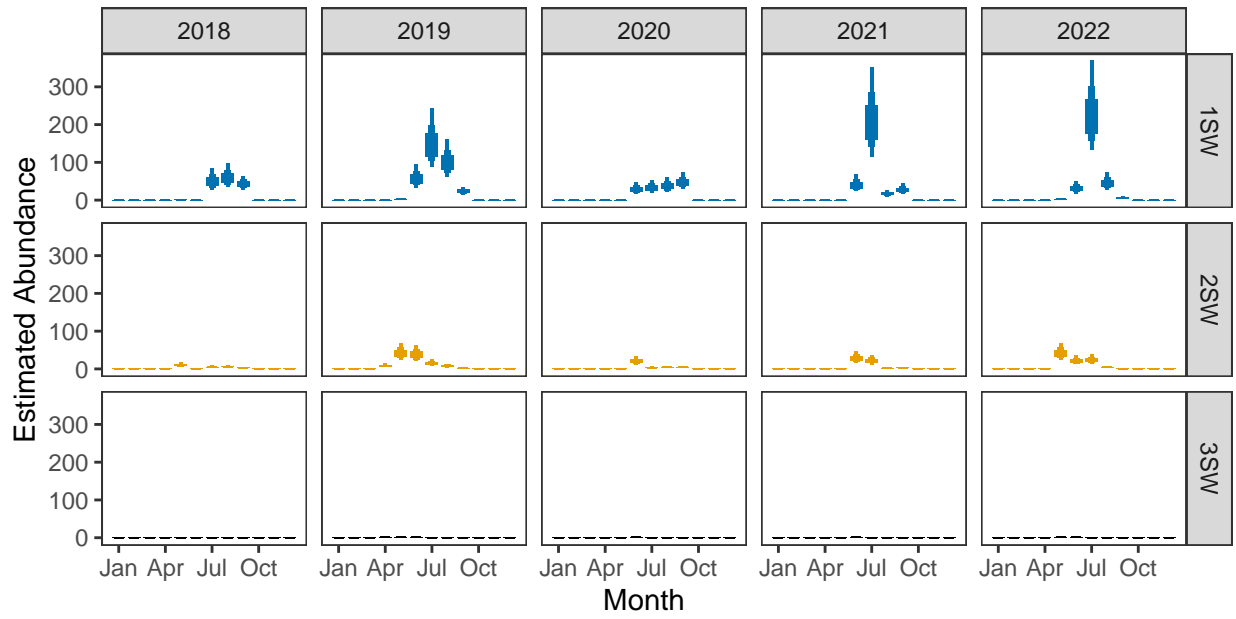Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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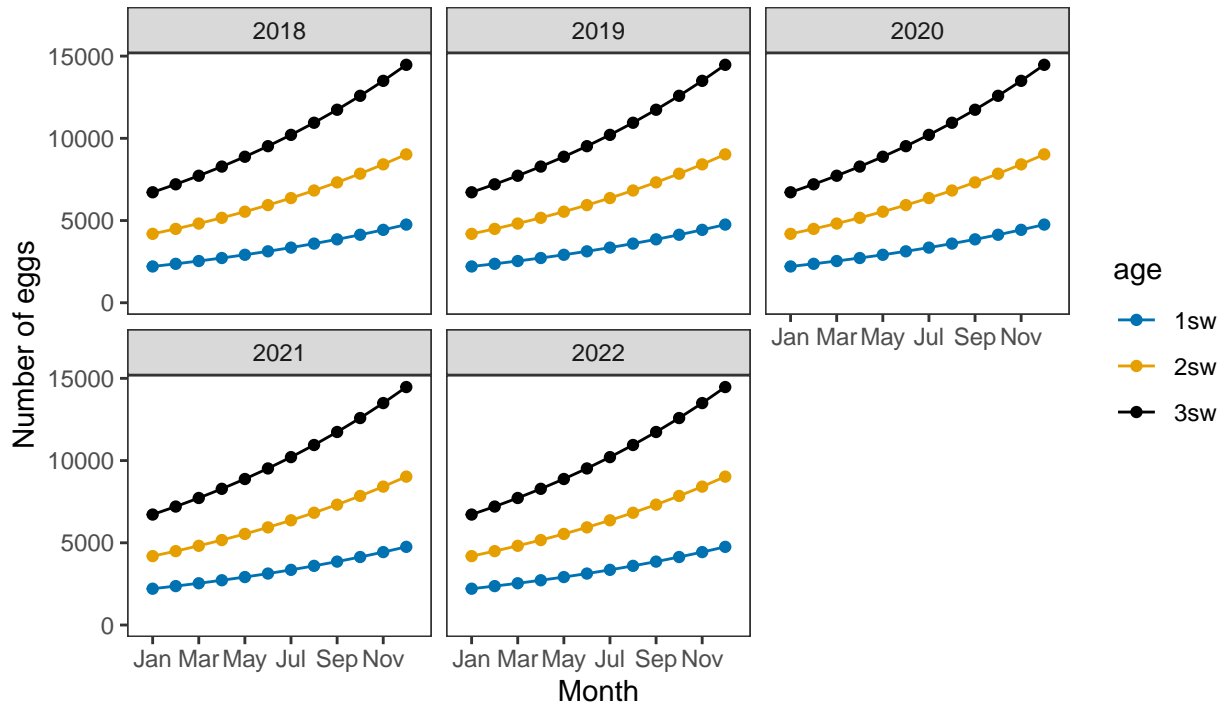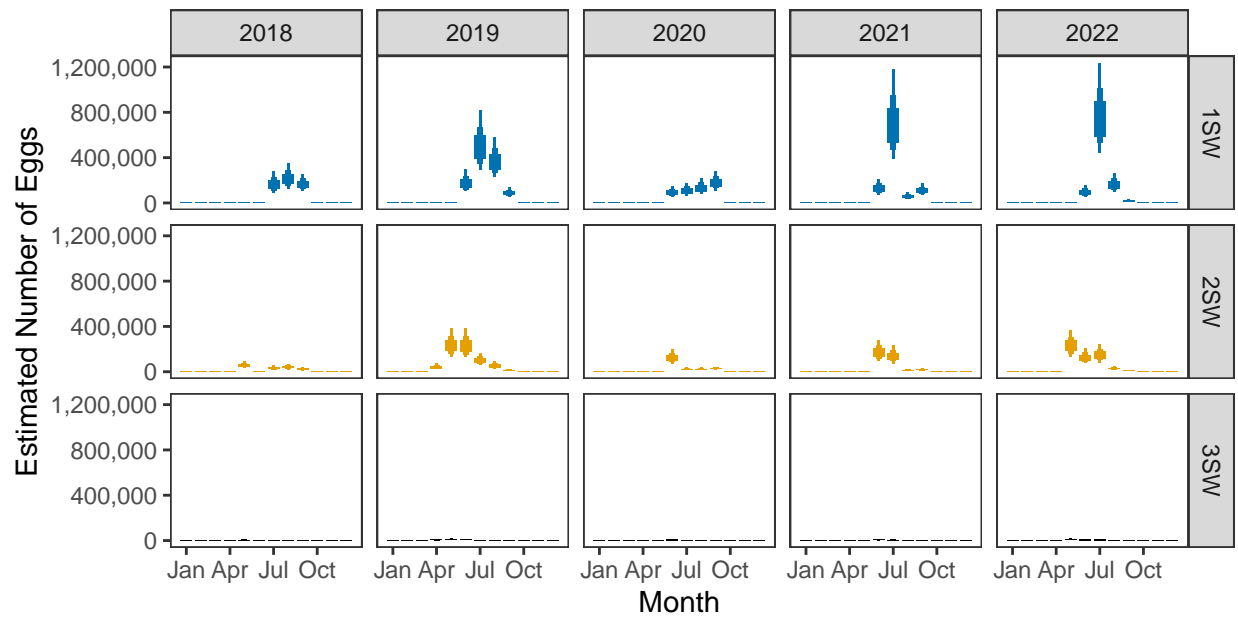
Ages of fish

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
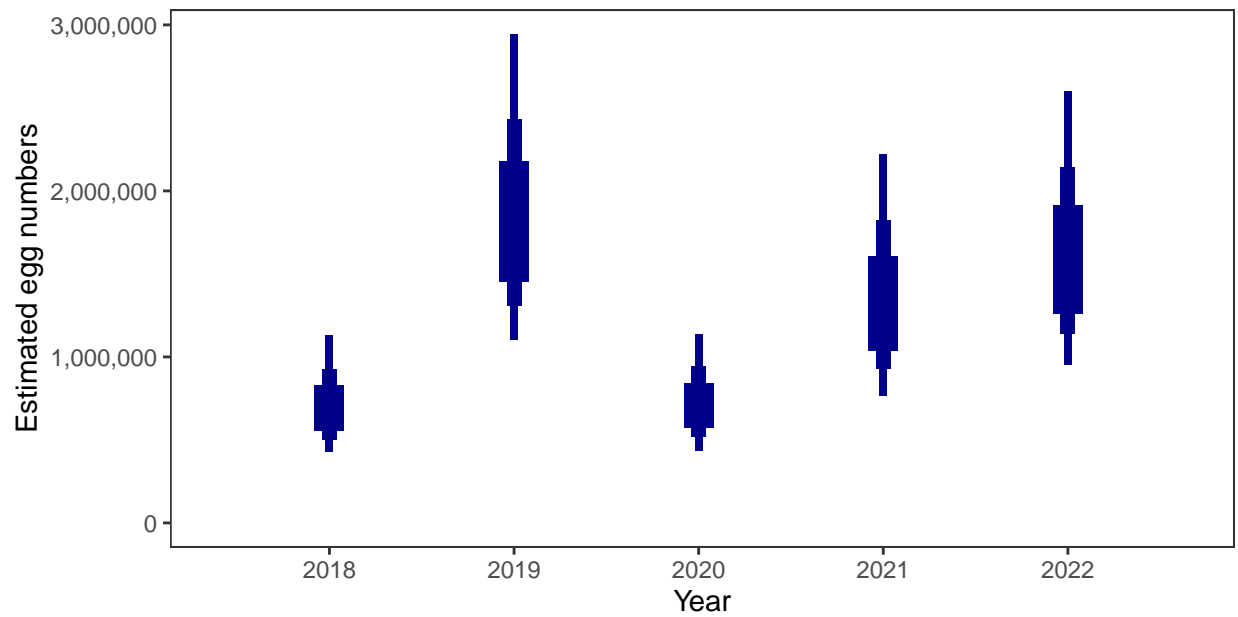
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

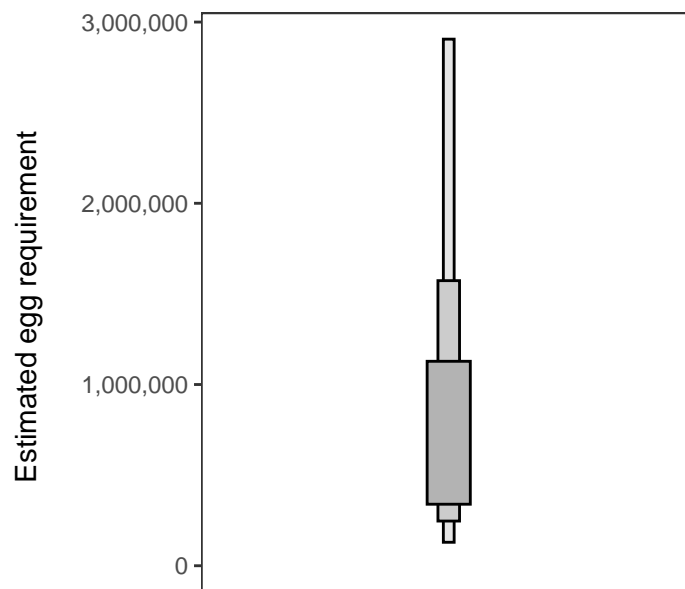Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	53.57
2019	86.45
2020	54.52
2021	77.69
2022	83.05

4. Egg requirement

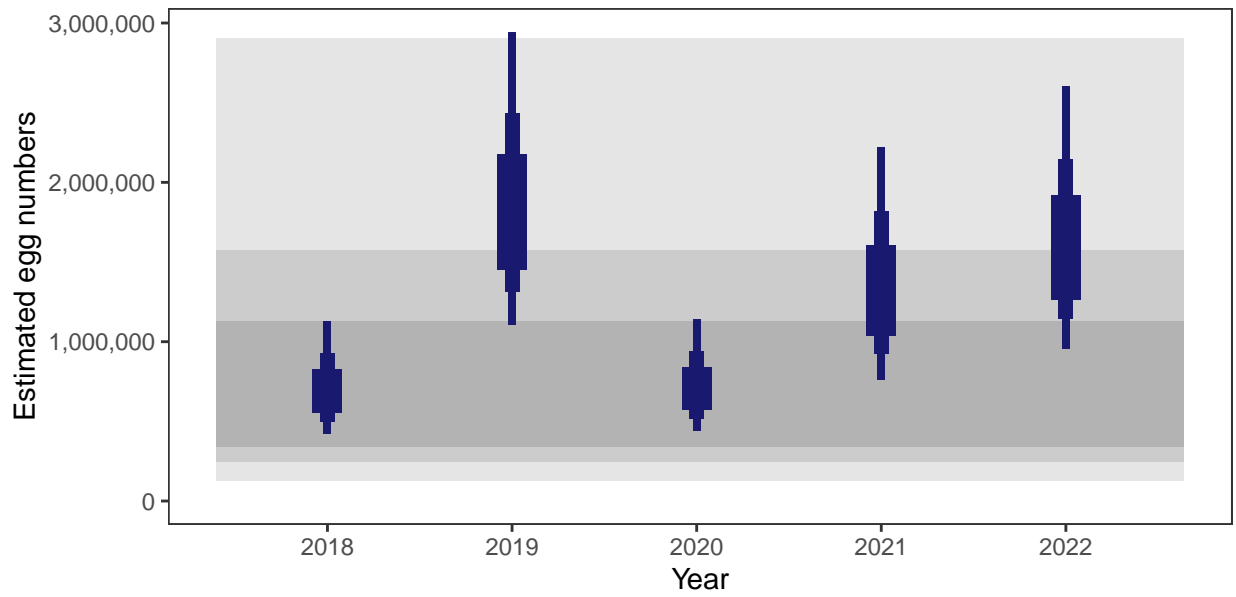### *Areas of salmon habitat in square meters*

There is an estimated 258,599 square meters of known salmon habitat in the Laxford and Gleann Dubh and a further 65,122 square meters where salmon may be present.
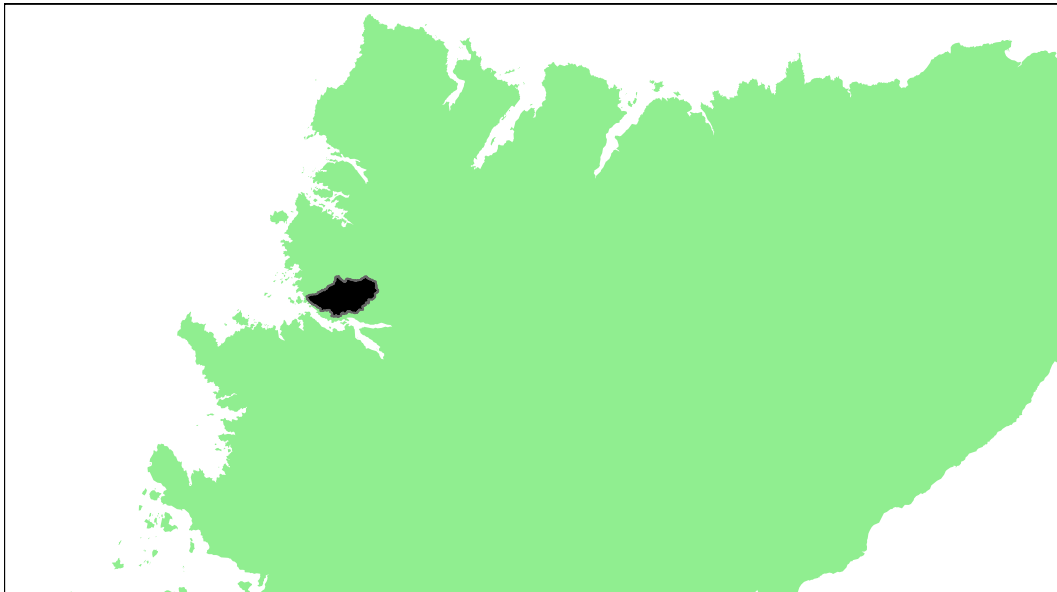
Egg requirement

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)
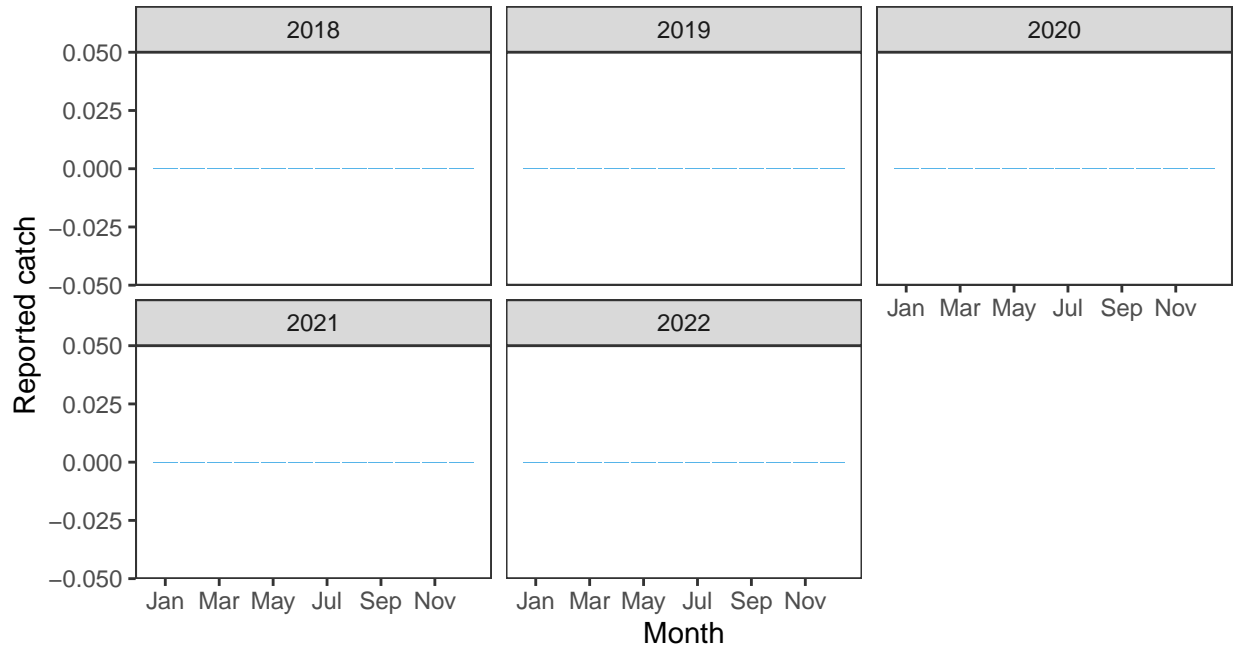
Duartmore Burn: Grade 3

Summary Table

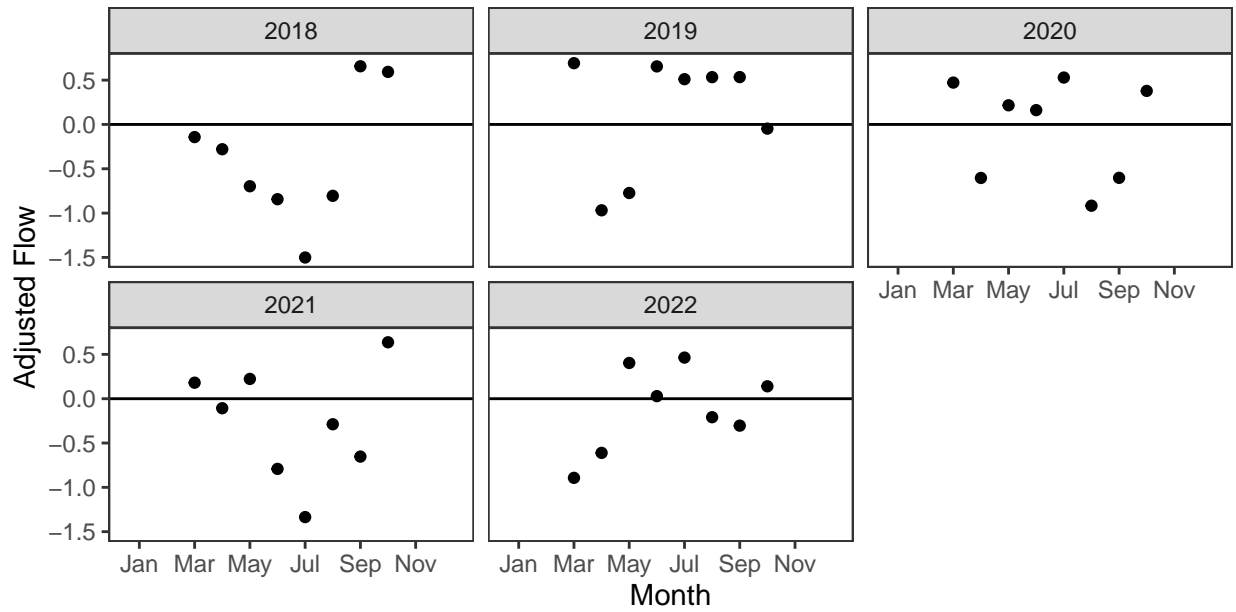| Eggs required (m²)[a]	Area (m²)[a]	Total egg requirement[a]	Percentage chance meeting requirement						
			2018	2019	2020	2021	2022	Overall	Grade
2.4	56,000	133,000	0	0	0.39	0.02	0	0.00082	3

[a] Figures presented are median values

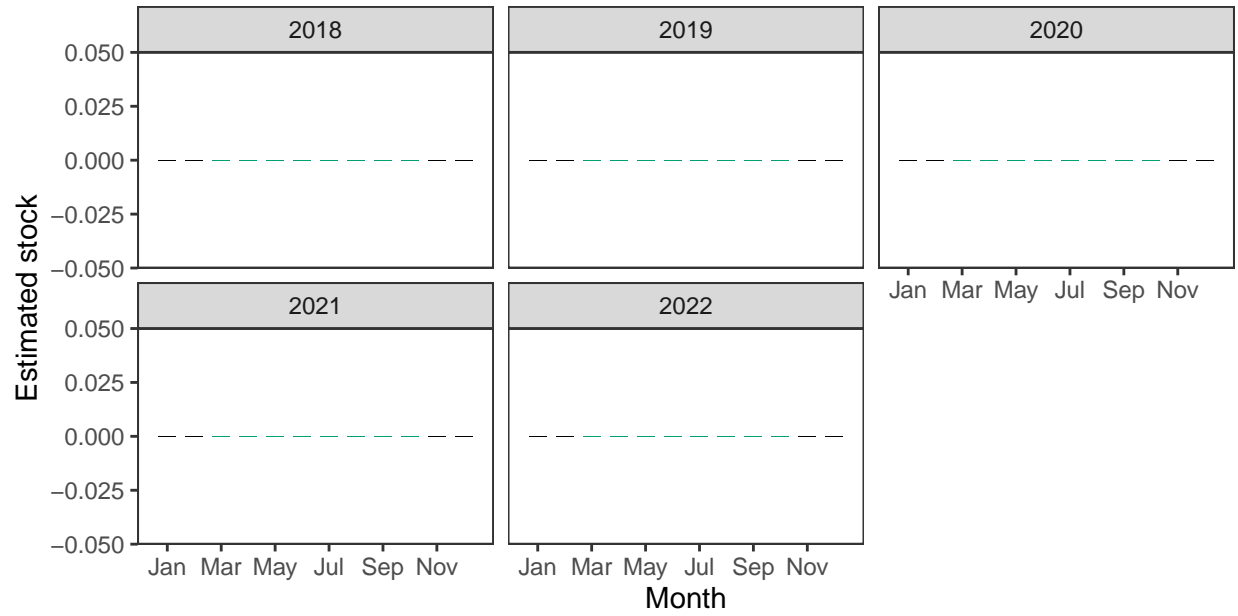# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
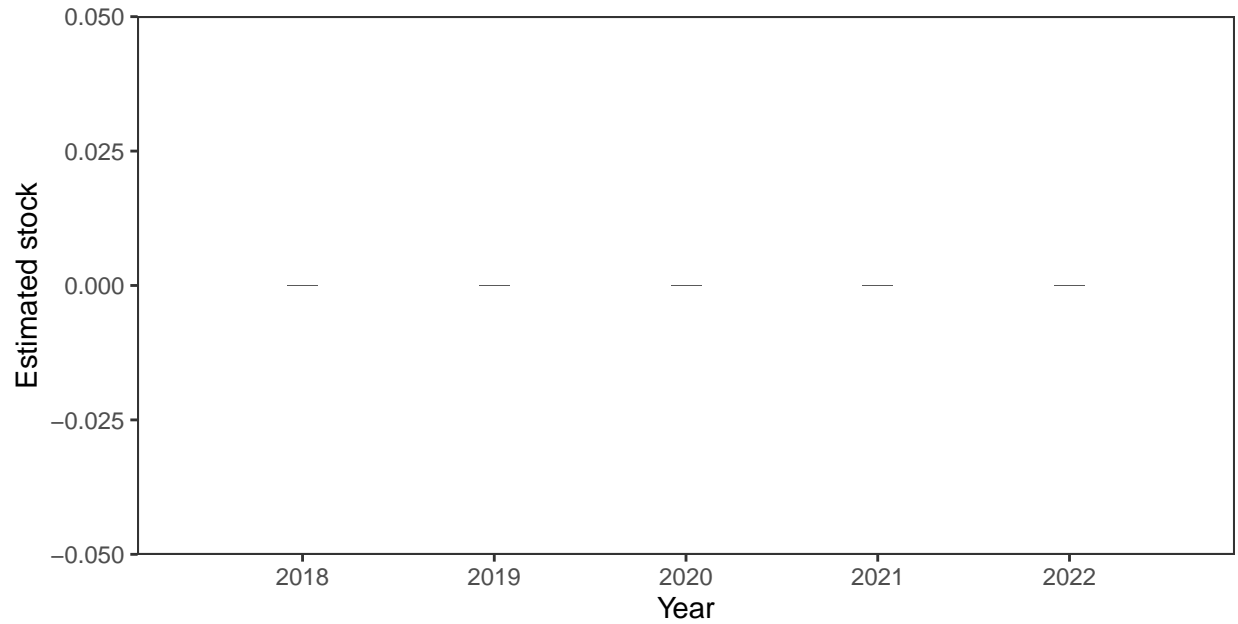

Monthly flow data
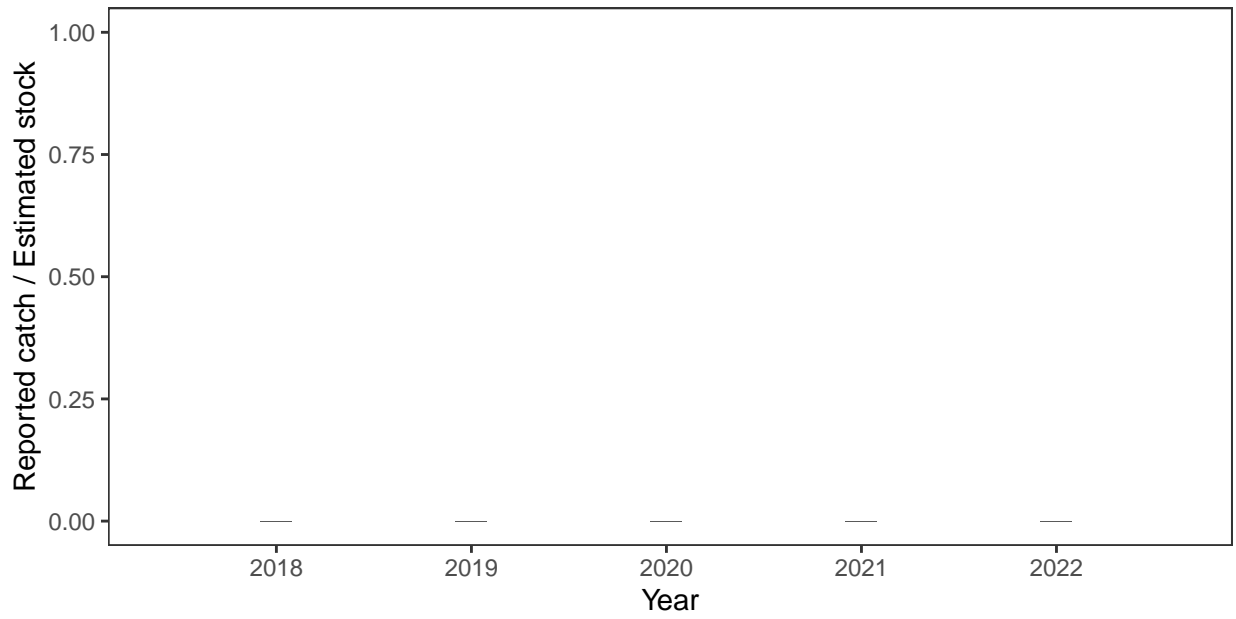
Monthly stock estimates (out of season in black)

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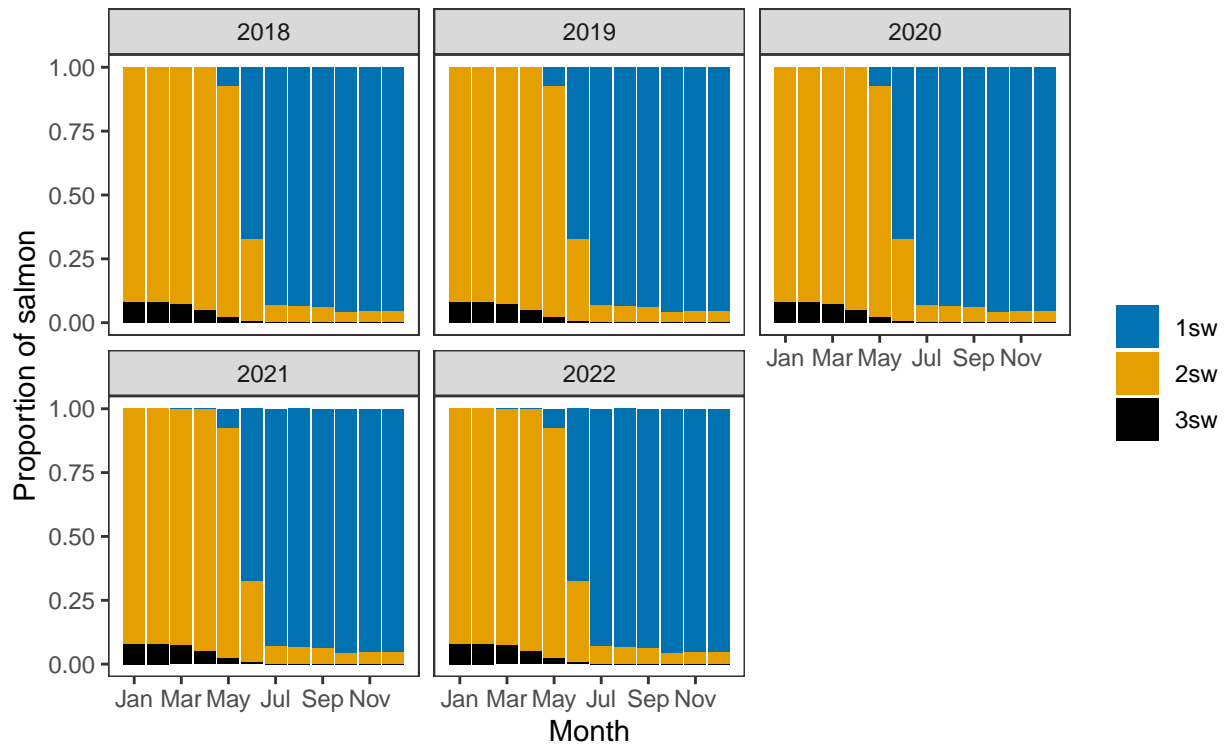
Annual estimated stock

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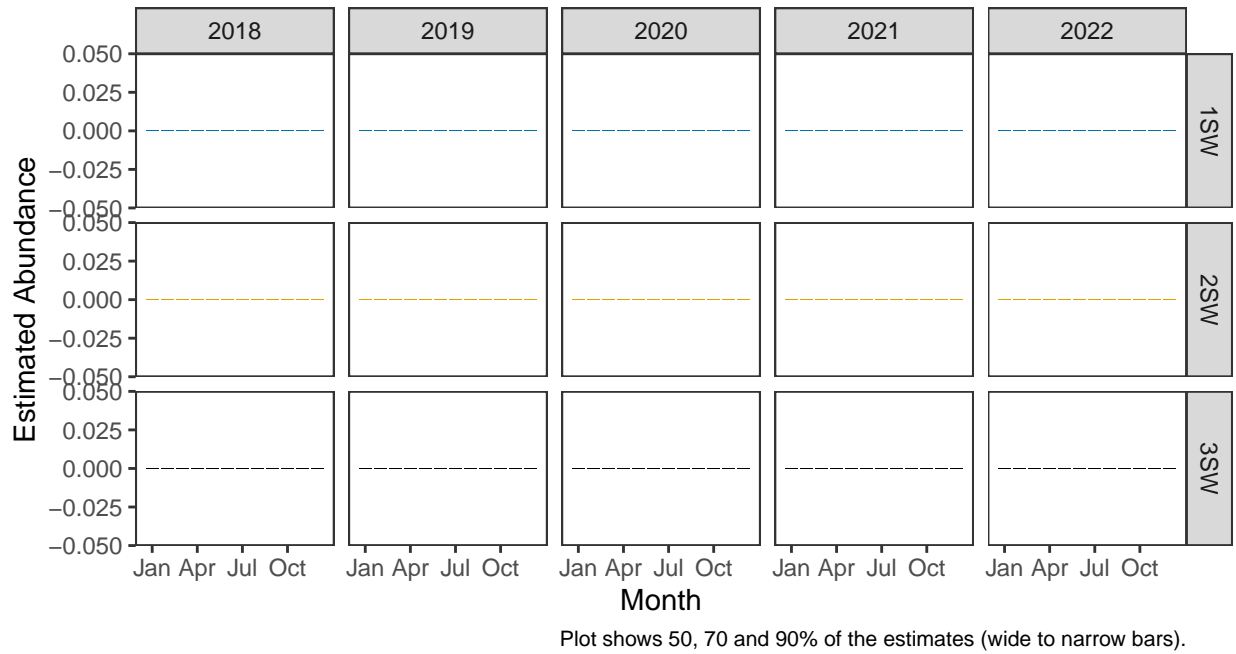
Annual catch as a proportion of stock

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

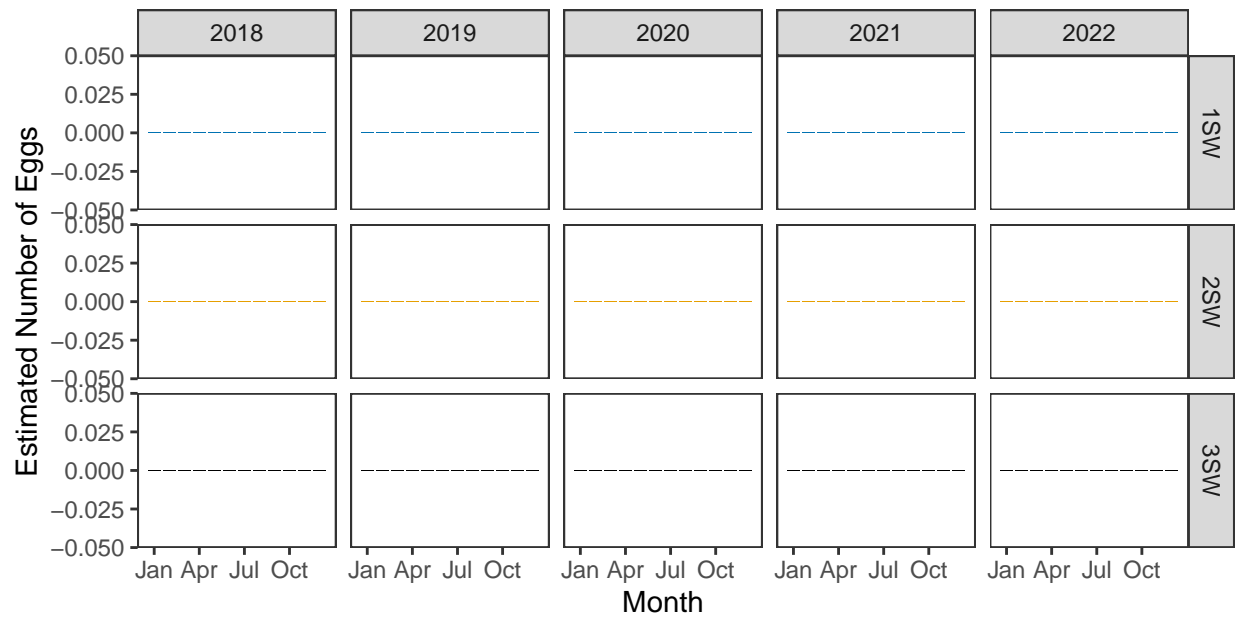Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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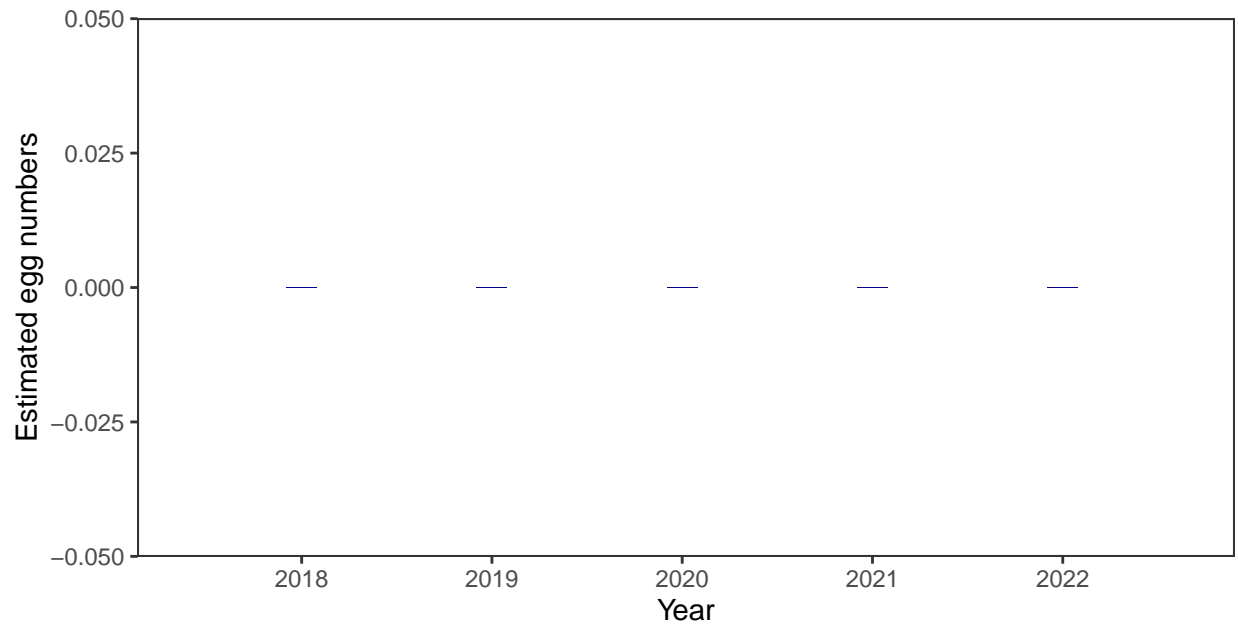
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

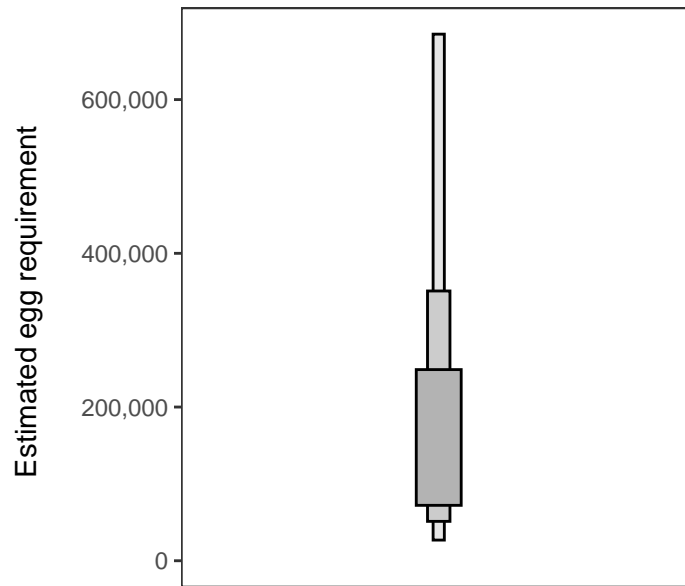Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	-
2019	-
2020	0.39
2021	0.02
2022	-

4. Egg requirement
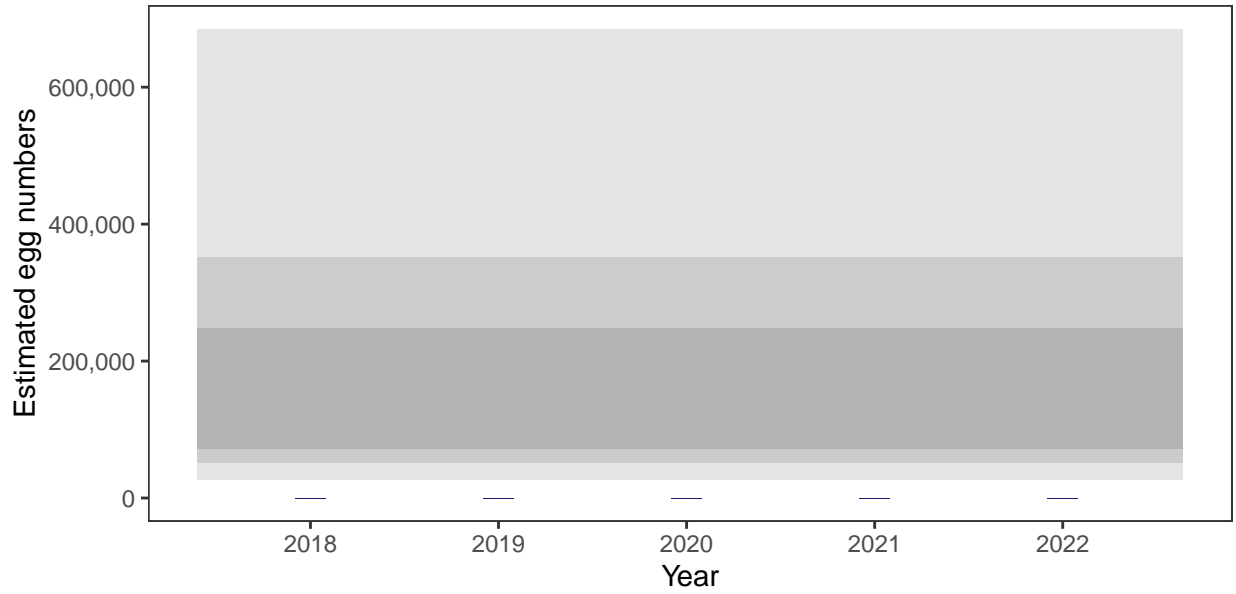
Areas of salmon habitat in square meters

There is an estimated 42,677 square meters of known salmon habitat in the Duartmore Burn and a further 42,588 square meters where salmon may be present.
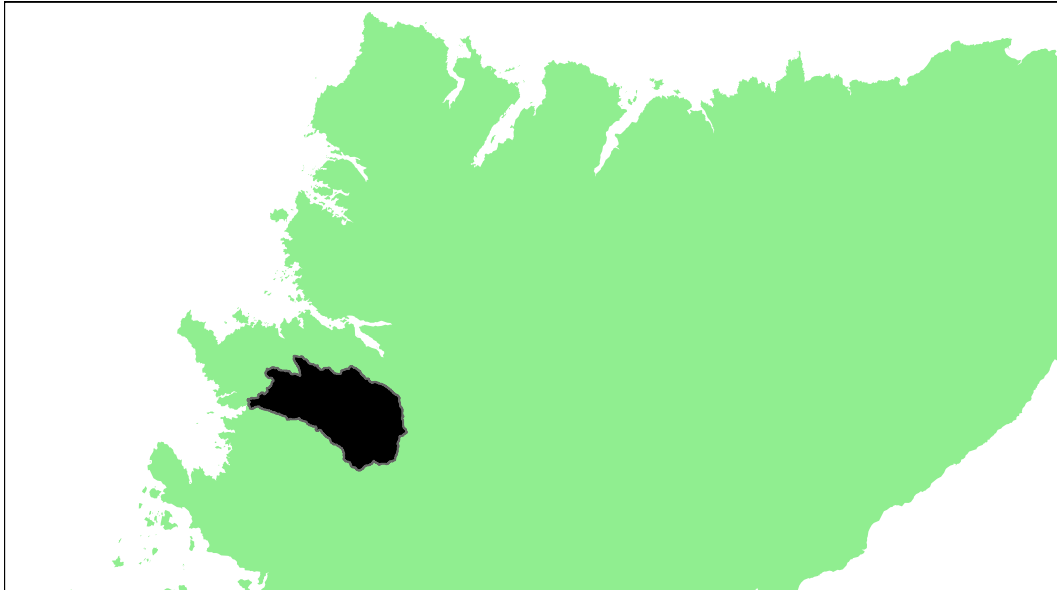
Egg requirement

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)
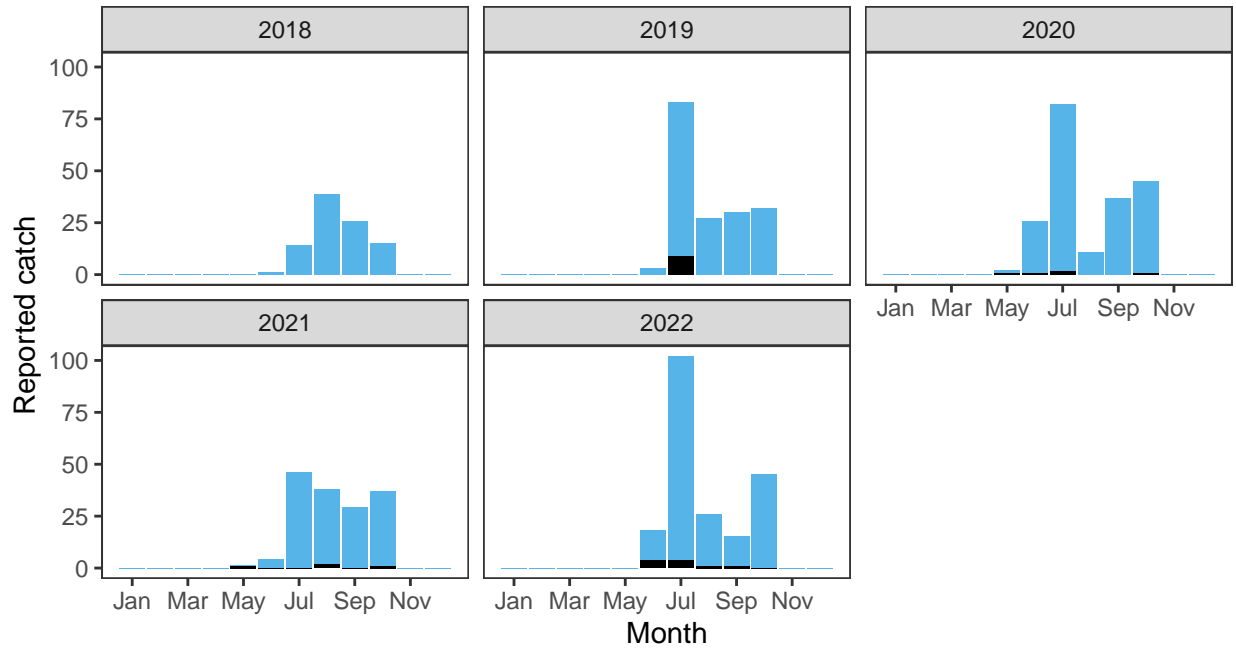
River Inver: Grade 2

Summary Table

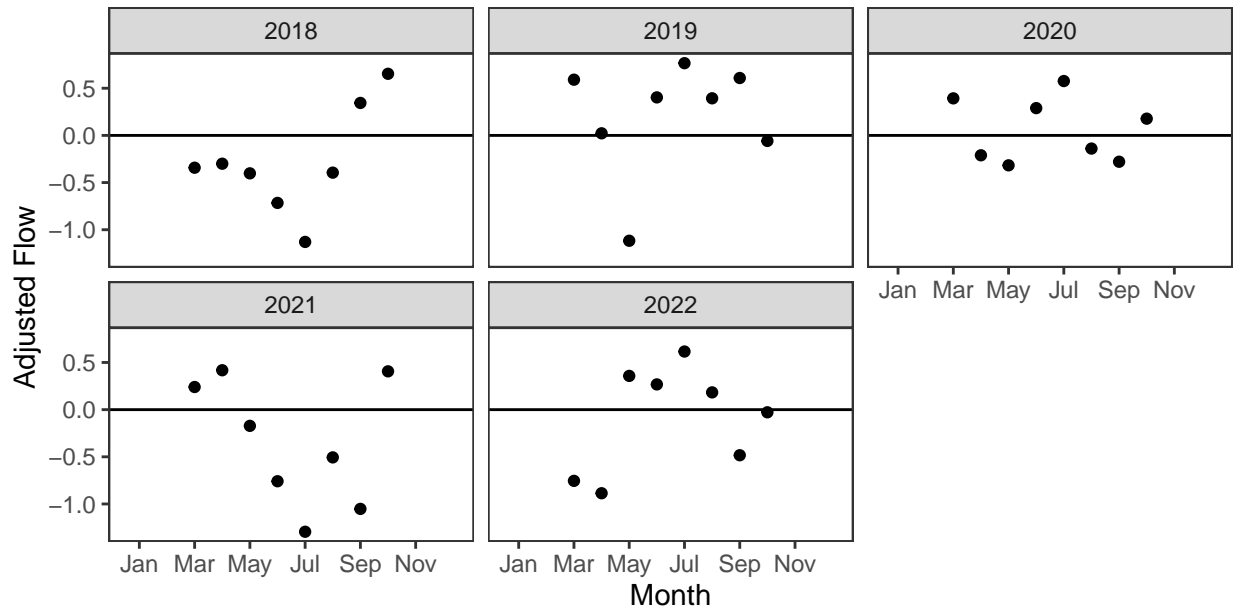| Eggs required (m²)[a] | Area (m²)[a] | Total egg requirement[a] | Percentage chance meeting requirement | | | | | | Grade |
			2018	2019	2020	2021	2022	Overall	
2.73	437,000	1,187,000	50.75	69.36	81.45	78.75	80.24	0.7211	2

[a] Figures presented are median values

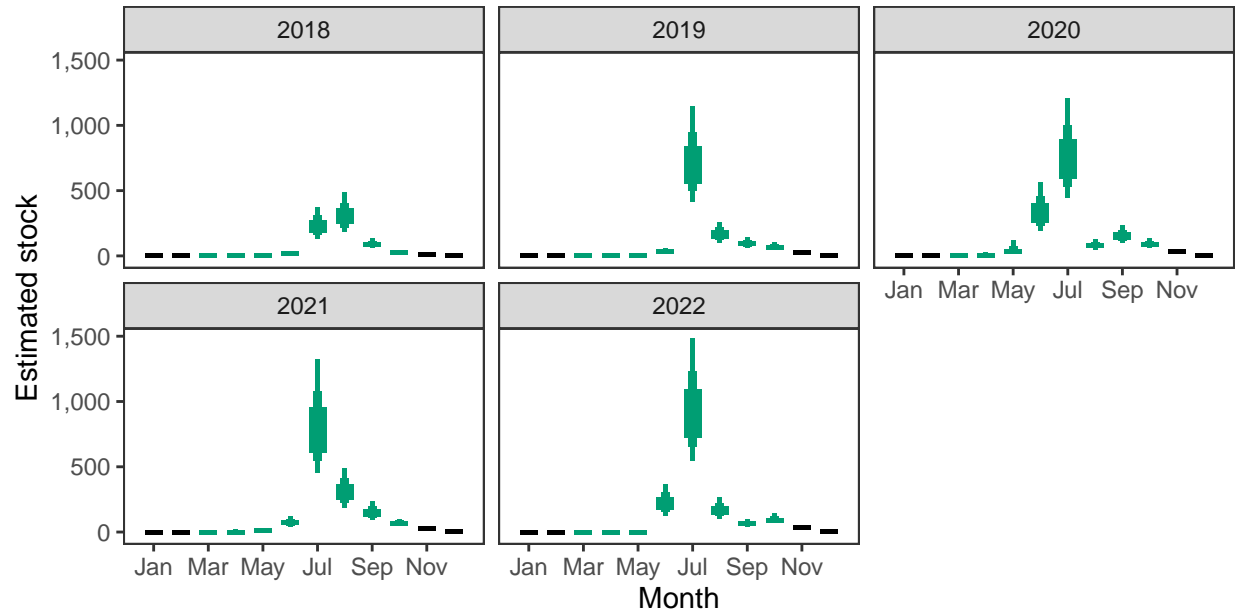# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
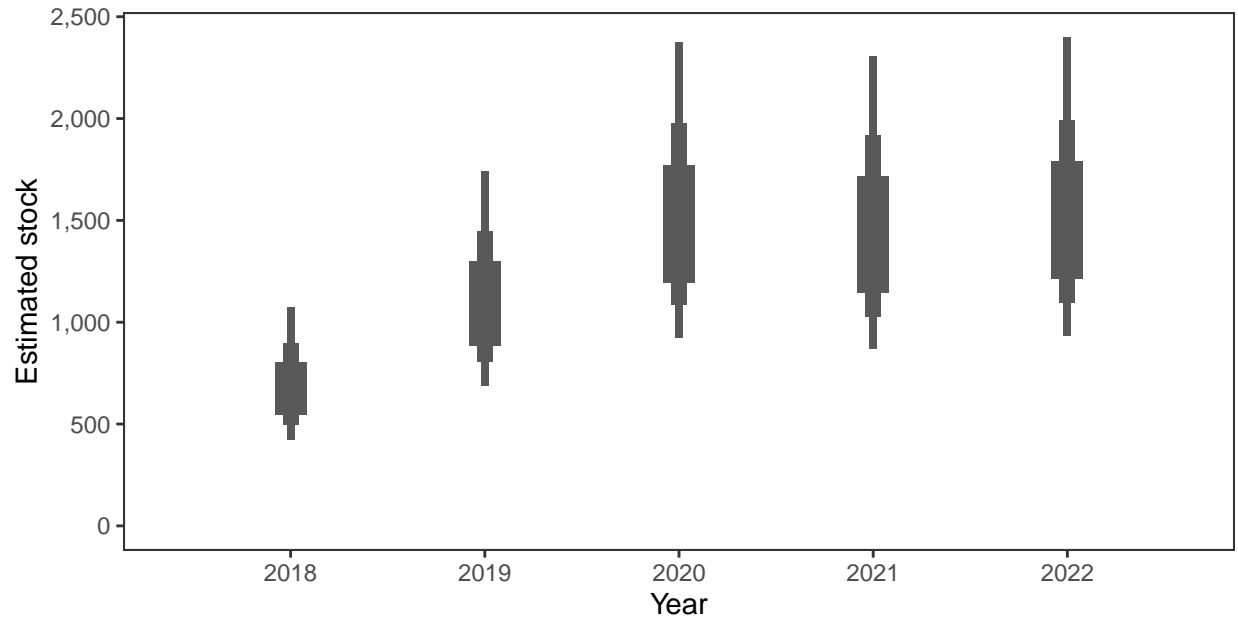

Monthly flow data

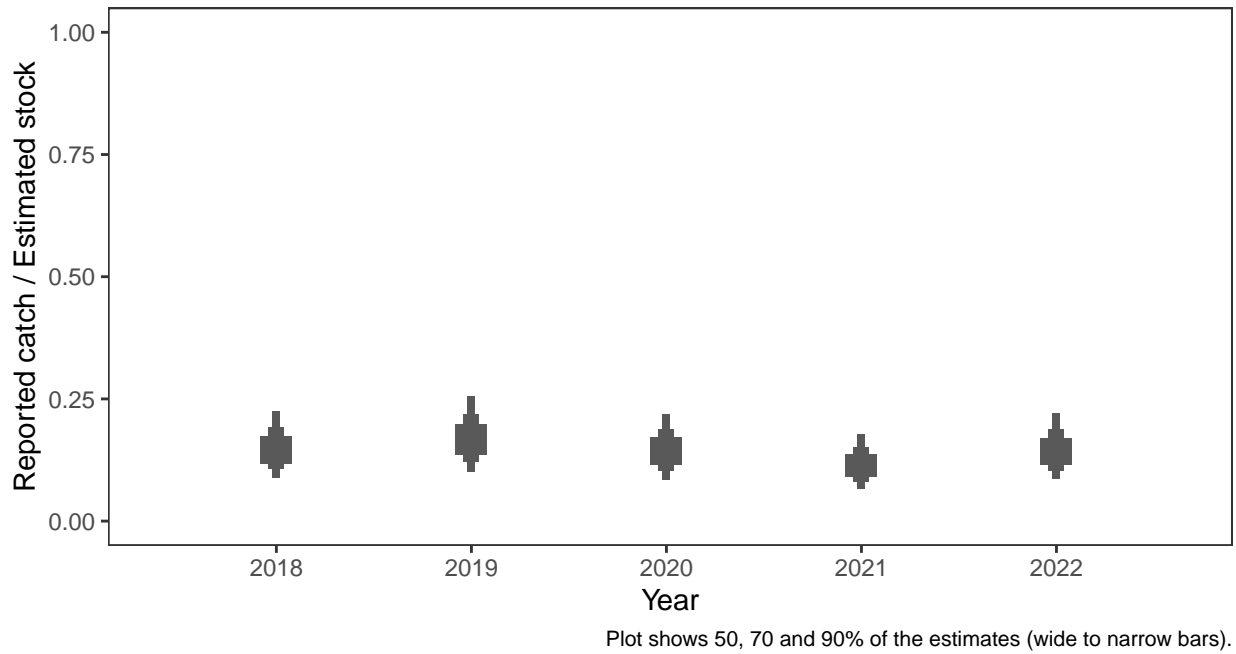*Monthly stock estimates (out of season in black)*

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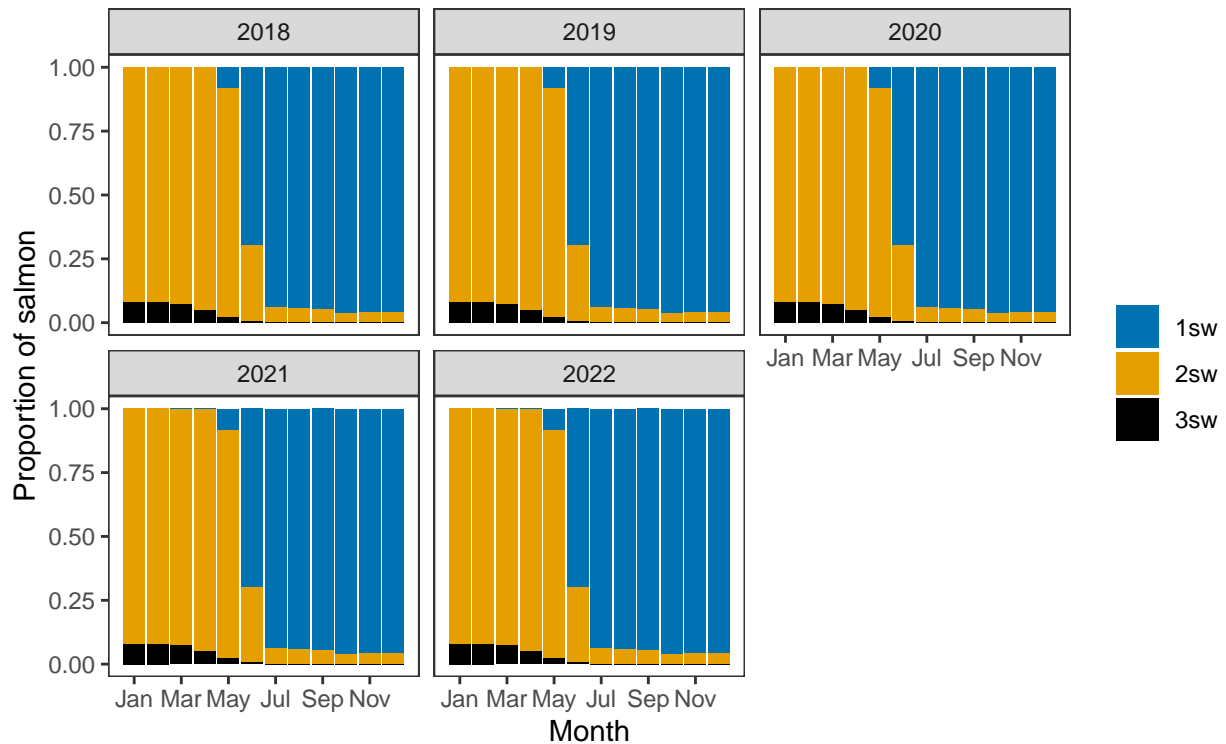
Annual estimated stock

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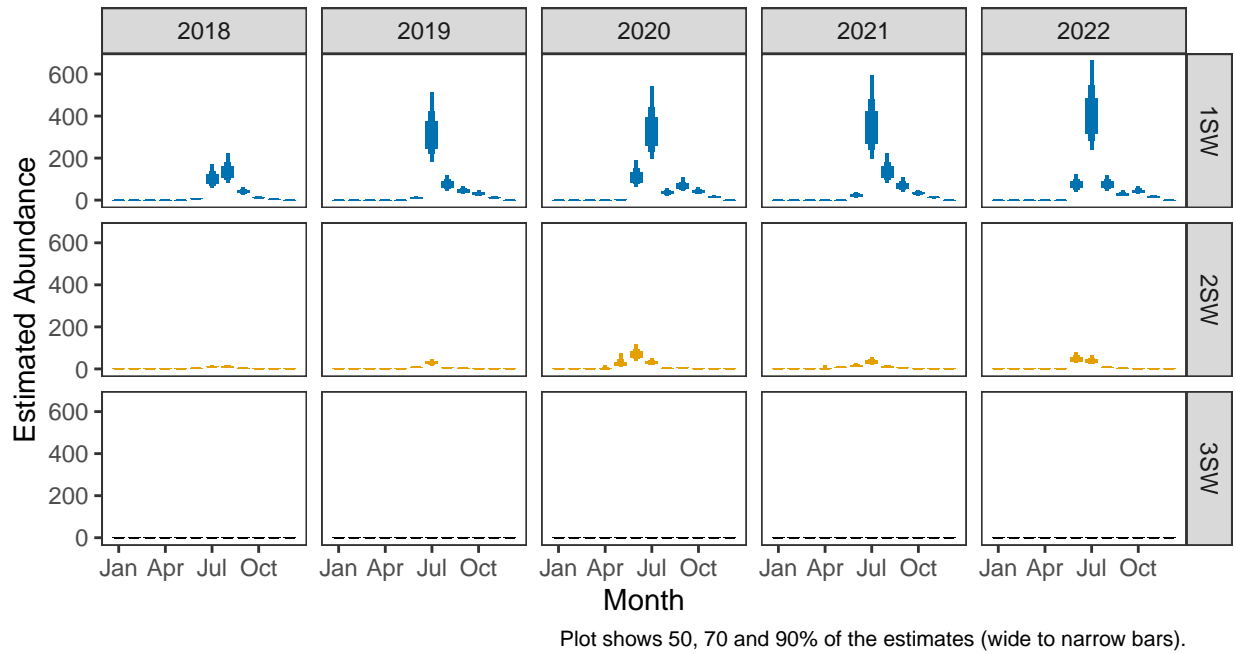
Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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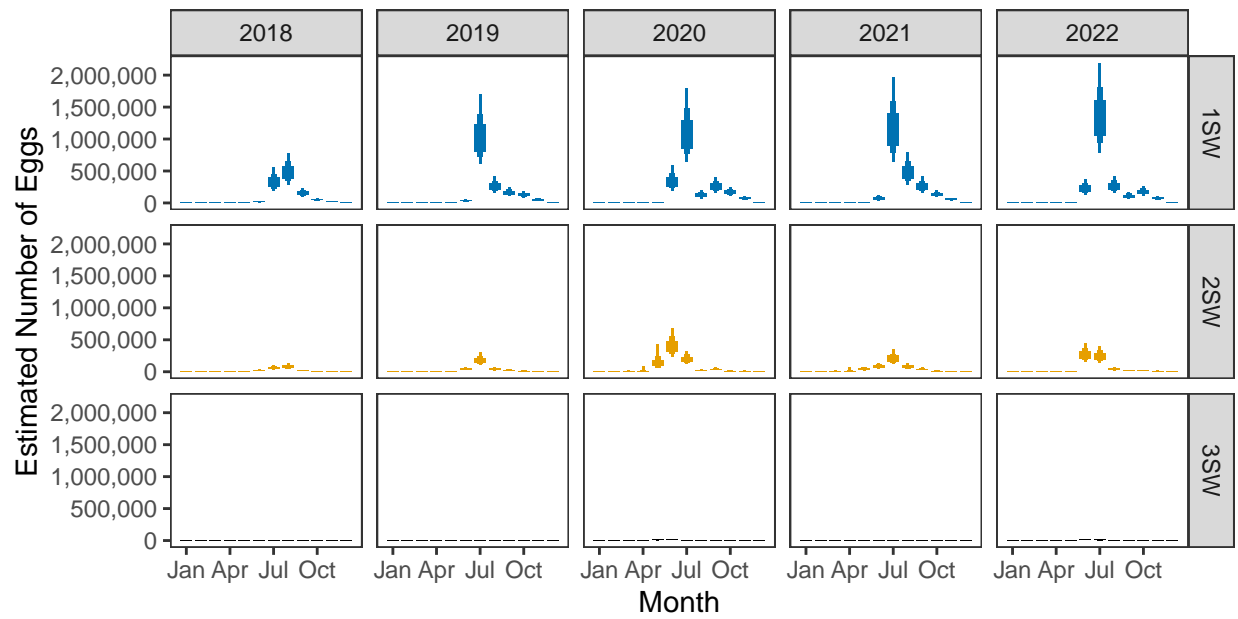
3. Converting Number of Spawners to Number of Eggs
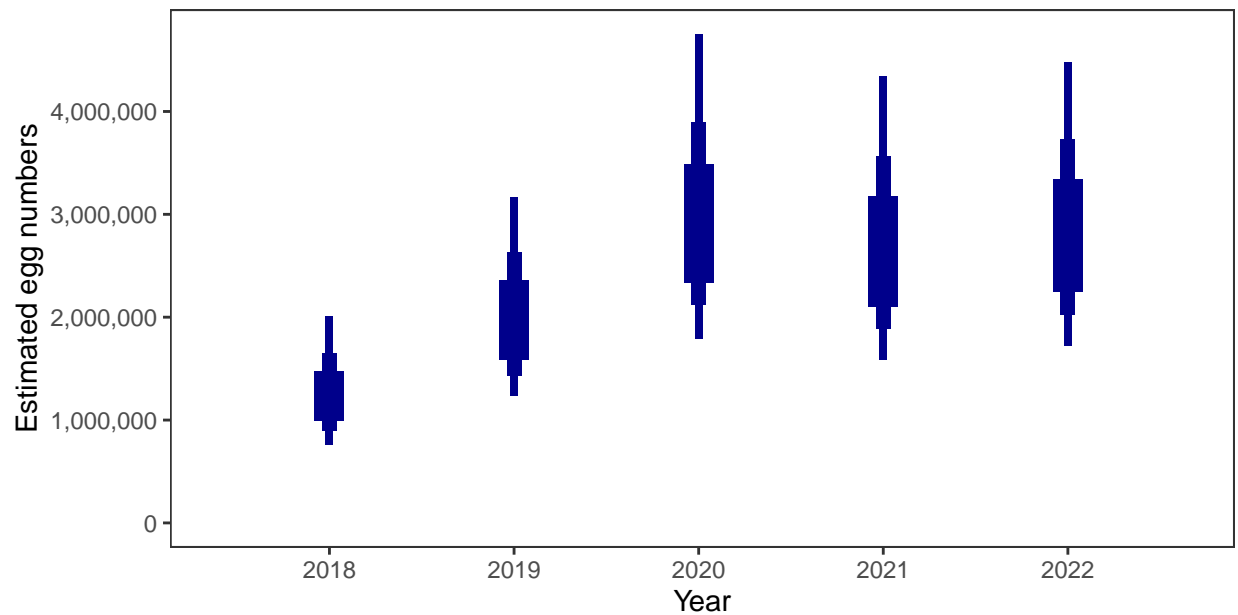
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

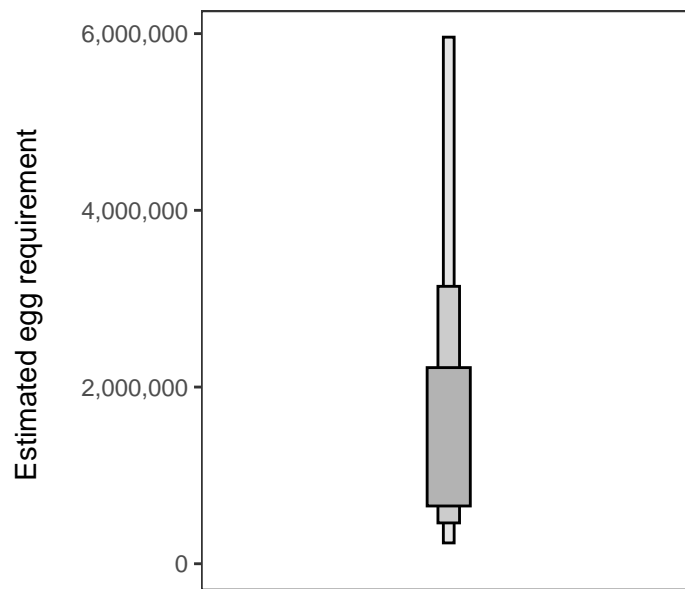Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	50.75
2019	69.36
2020	81.45
2021	78.75
2022	80.24

4. Egg requirement

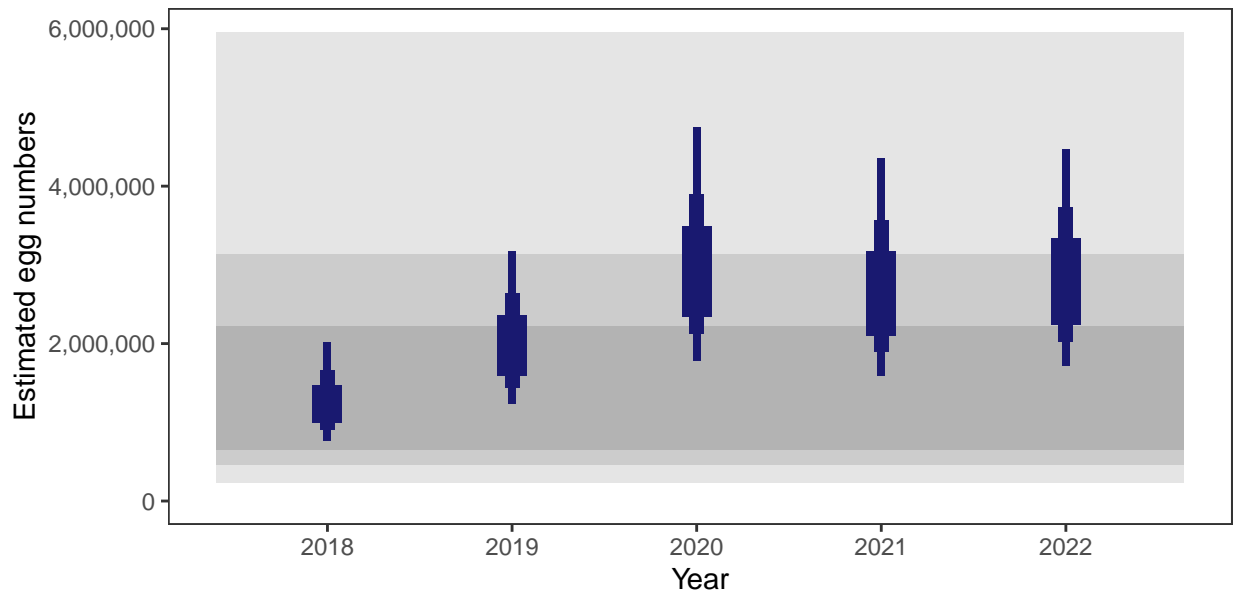### *Areas of salmon habitat in square meters*

There is an estimated 445,076 square meters of known salmon habitat in the River Inver and a further 101,274 square meters where salmon may be present.
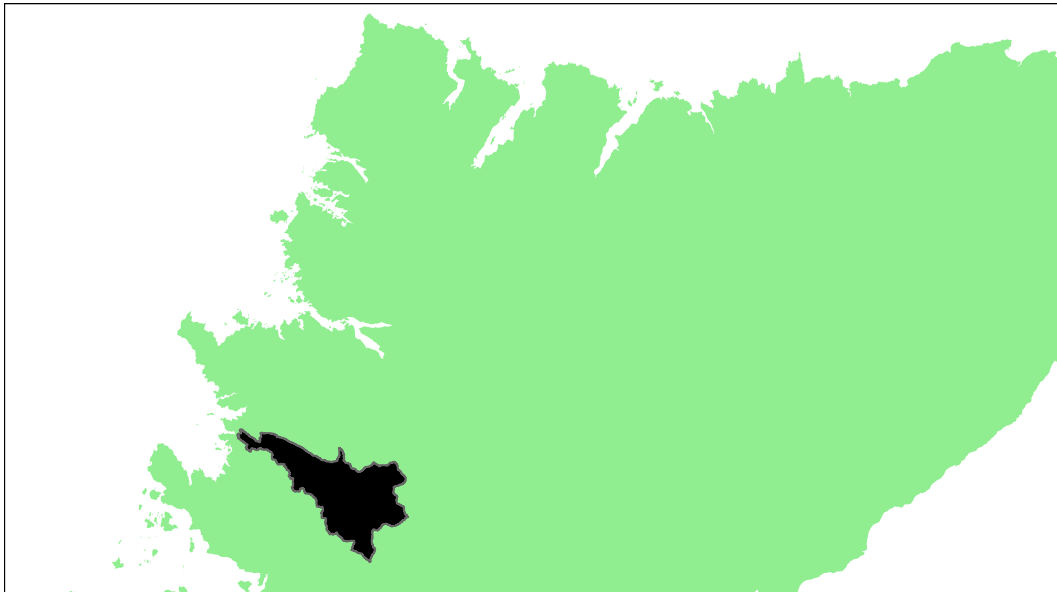
Egg requirement

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)
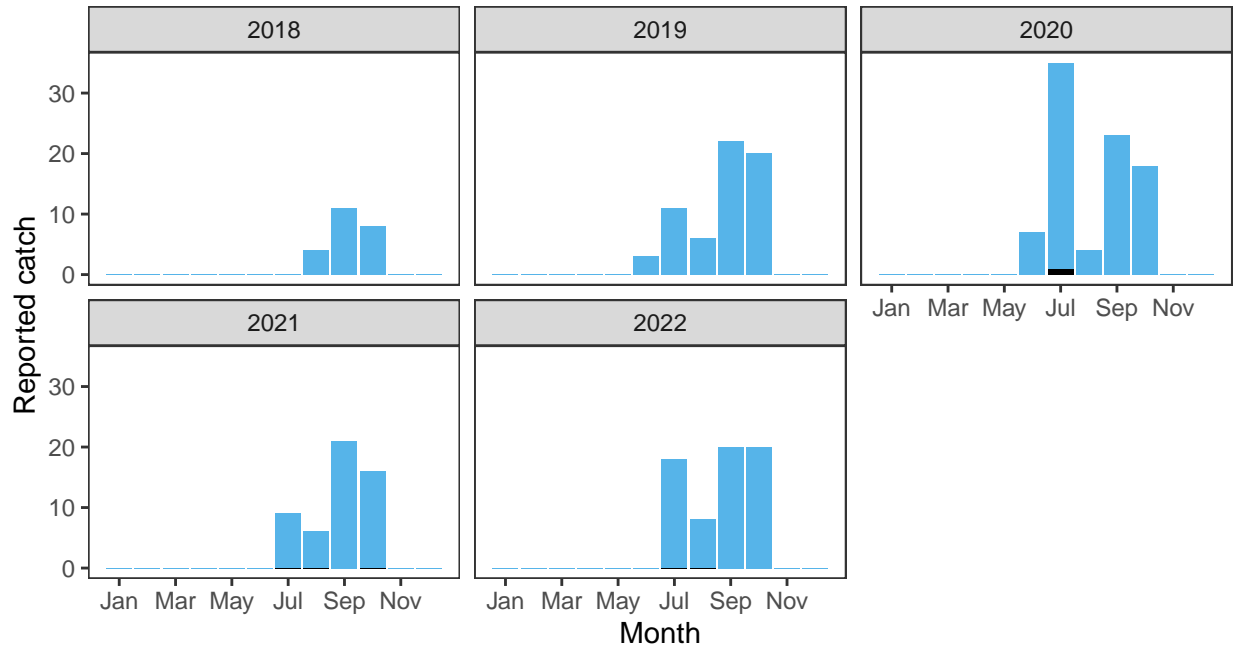
River Kirkaig: Grade 1

Summary Table

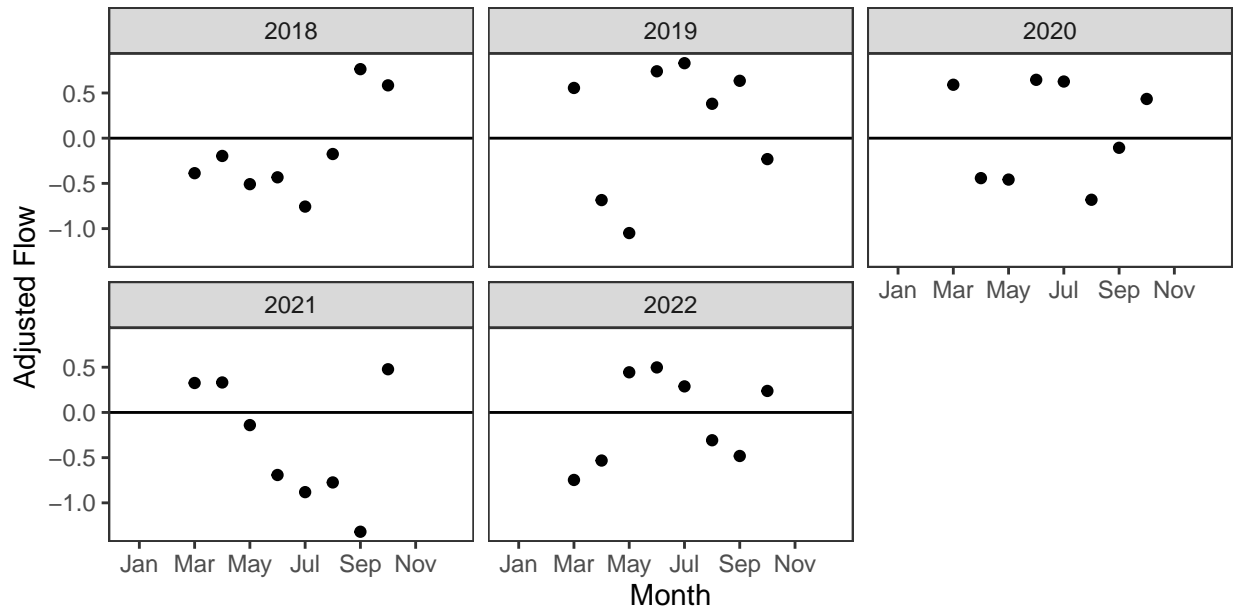| Eggs required (m²)ᵃ	Area (m²)ᵃ	Total egg requirementᵃ	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
2.83	50,000	141,000	54.99	91.88	97.76	93.64	94.49	0.86552	1

ᵃ Figures presented are median values

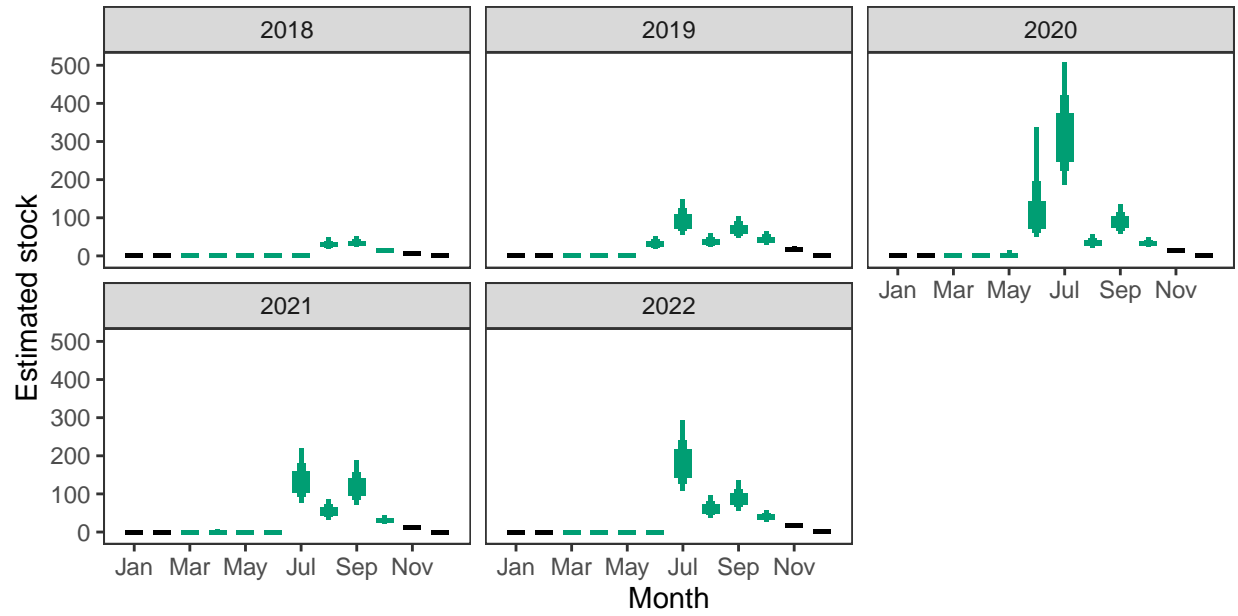## 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
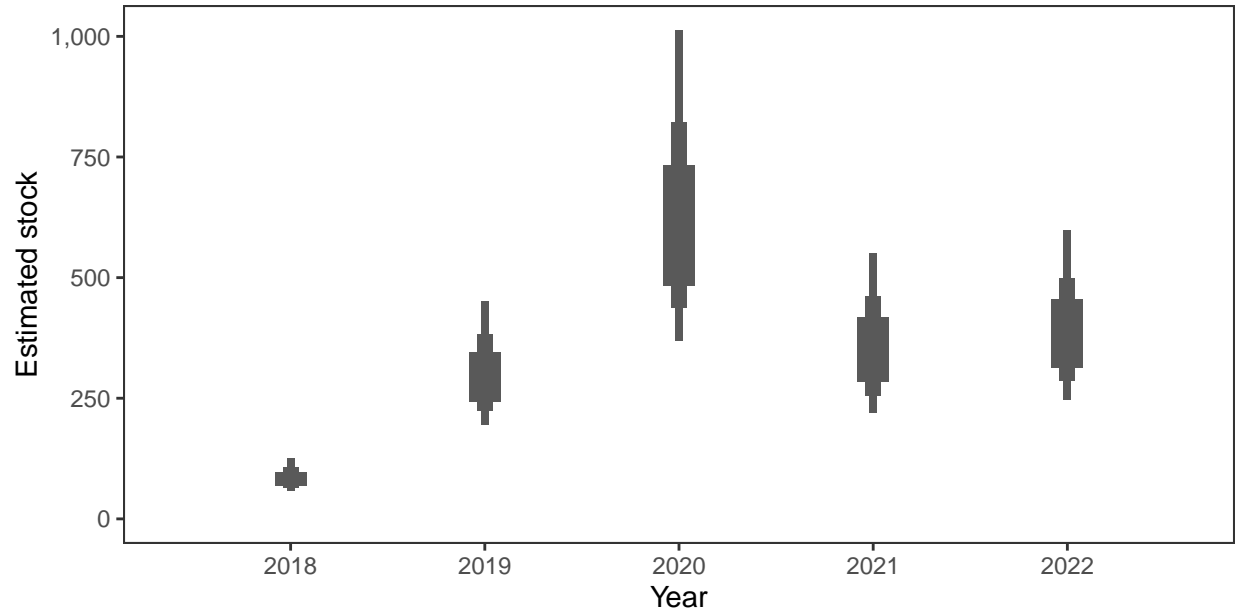

Monthly flow data

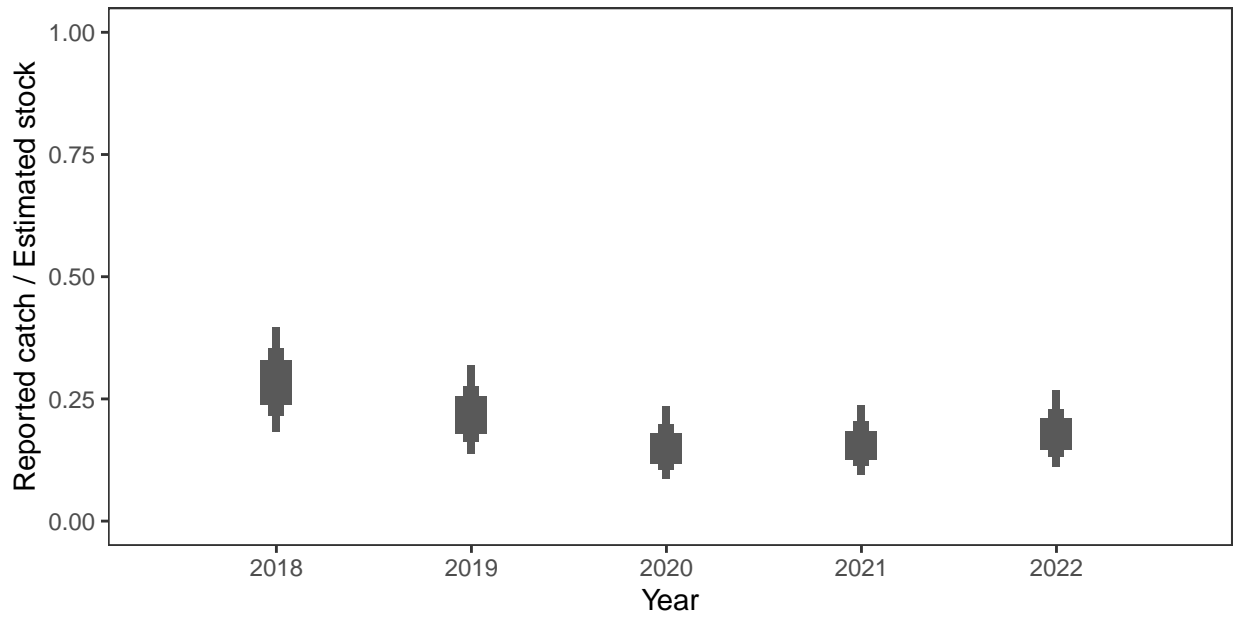*Monthly stock estimates (out of season in black)*

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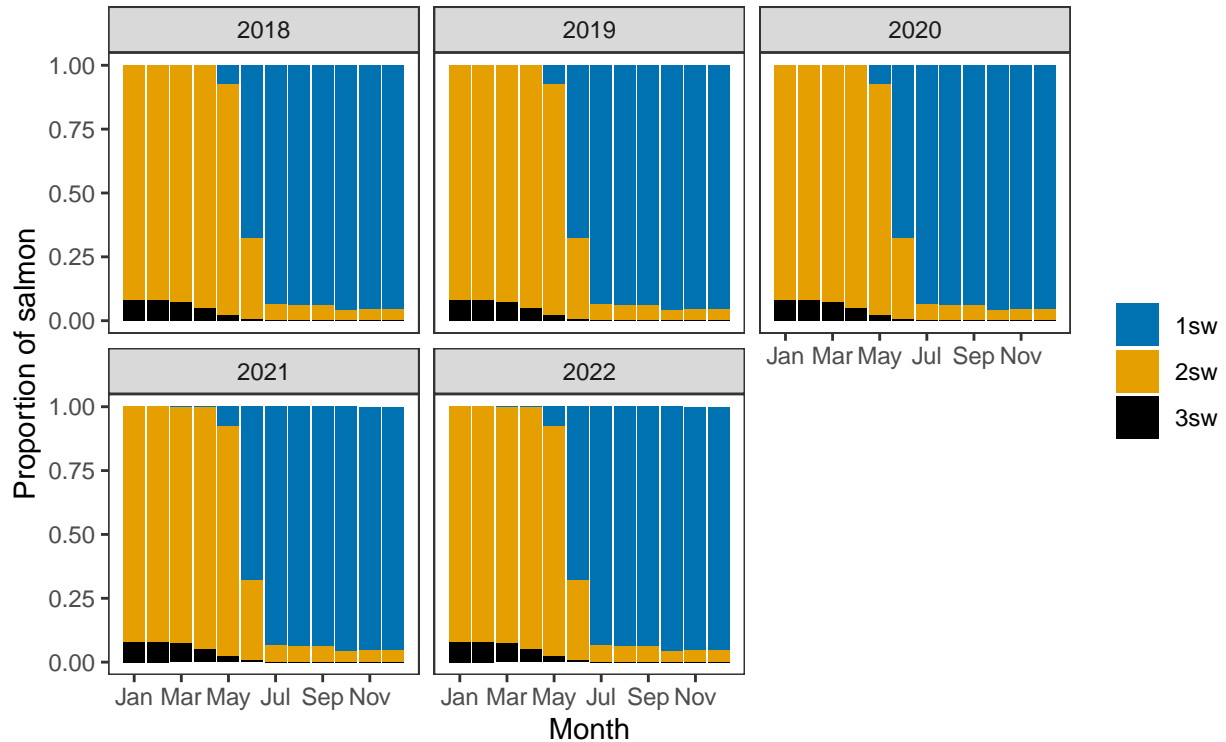
Annual estimated stock

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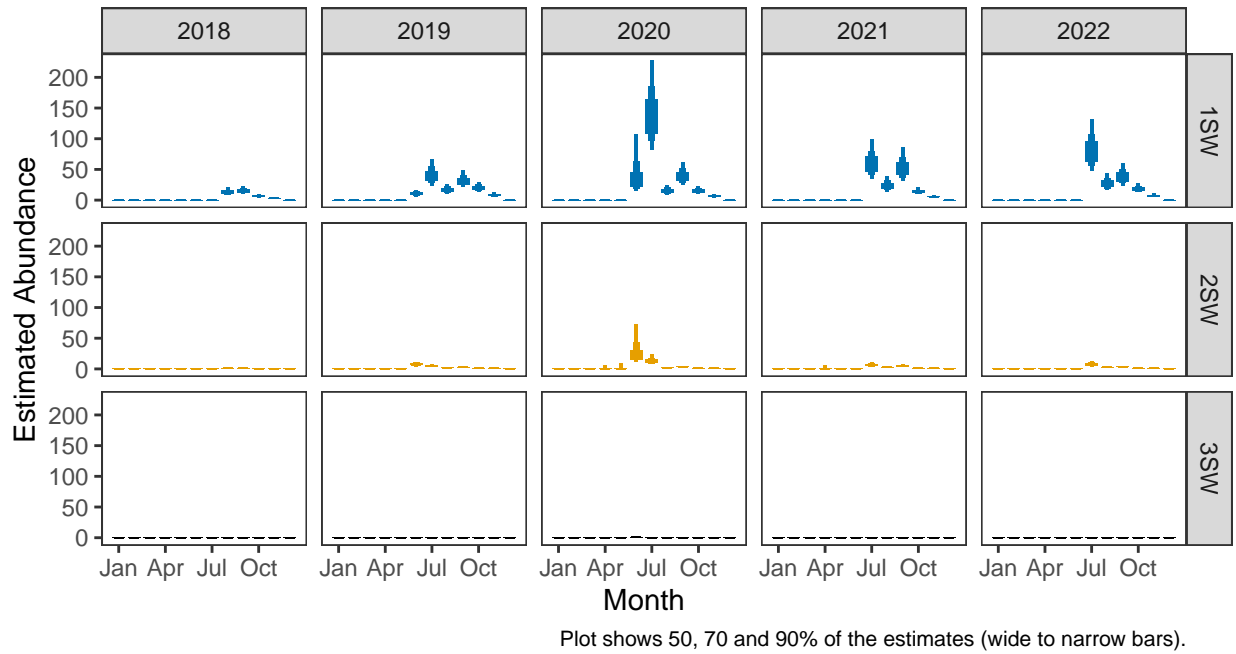
Annual catch as a proportion of stock

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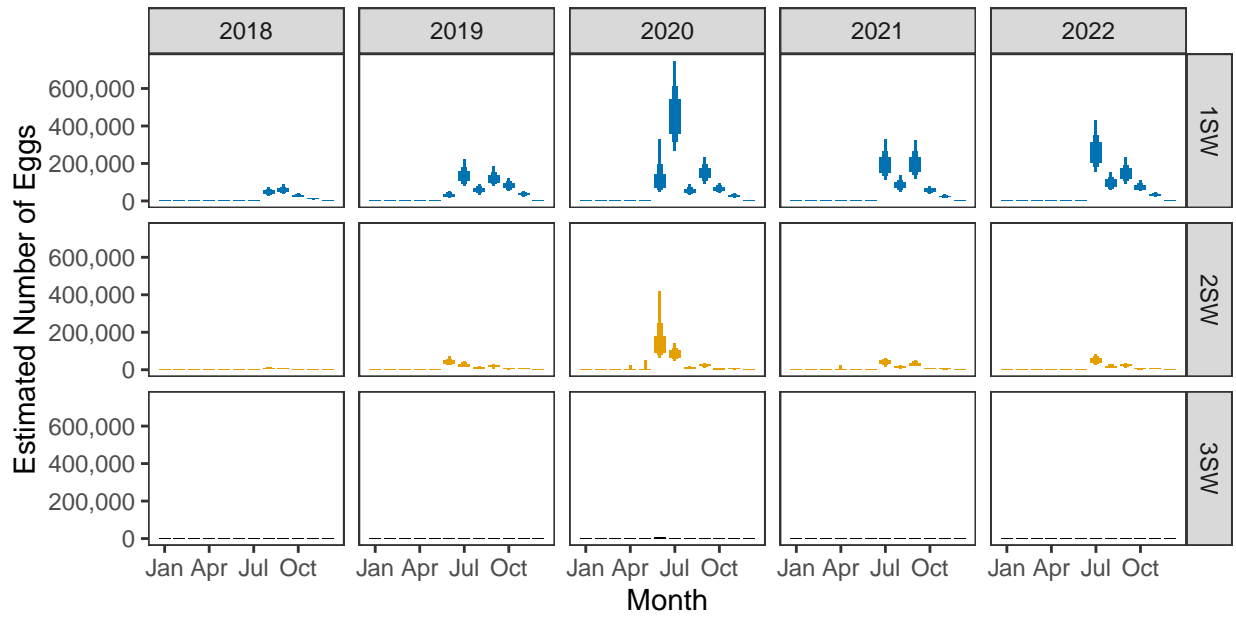
3. Converting Number of Spawners to Number of Eggs
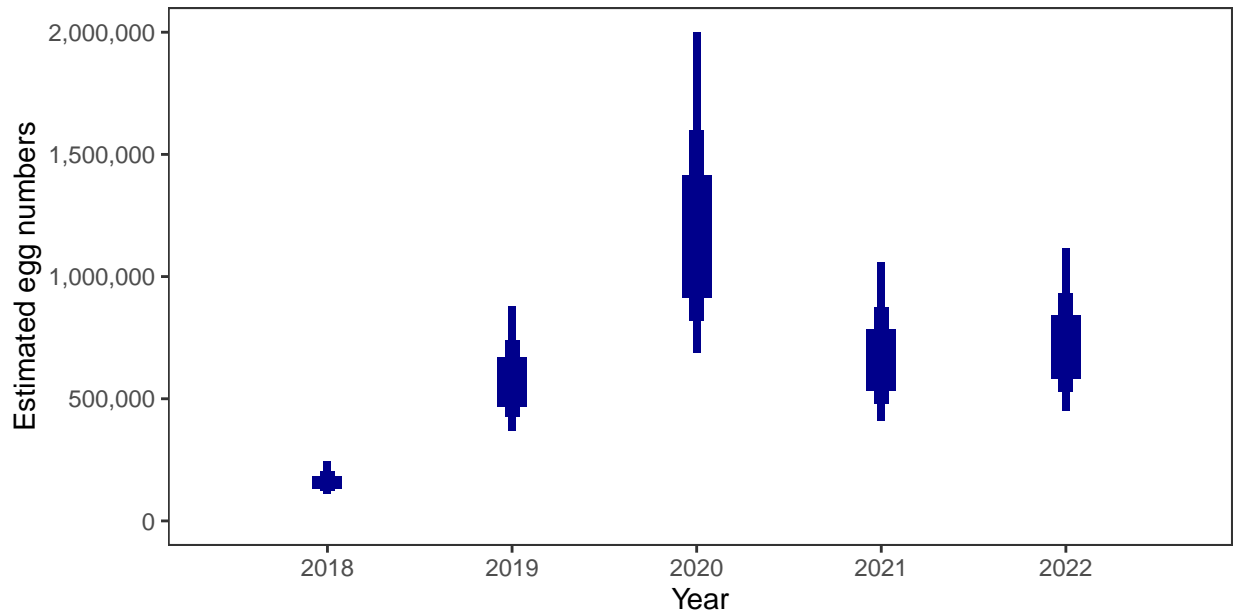
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

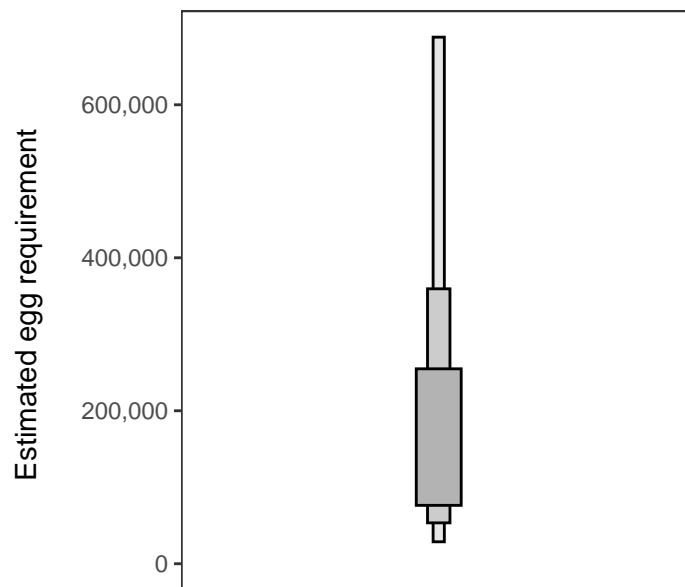Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	54.99
2019	91.88
2020	97.76
2021	93.64
2022	94.49

4. Egg requirement

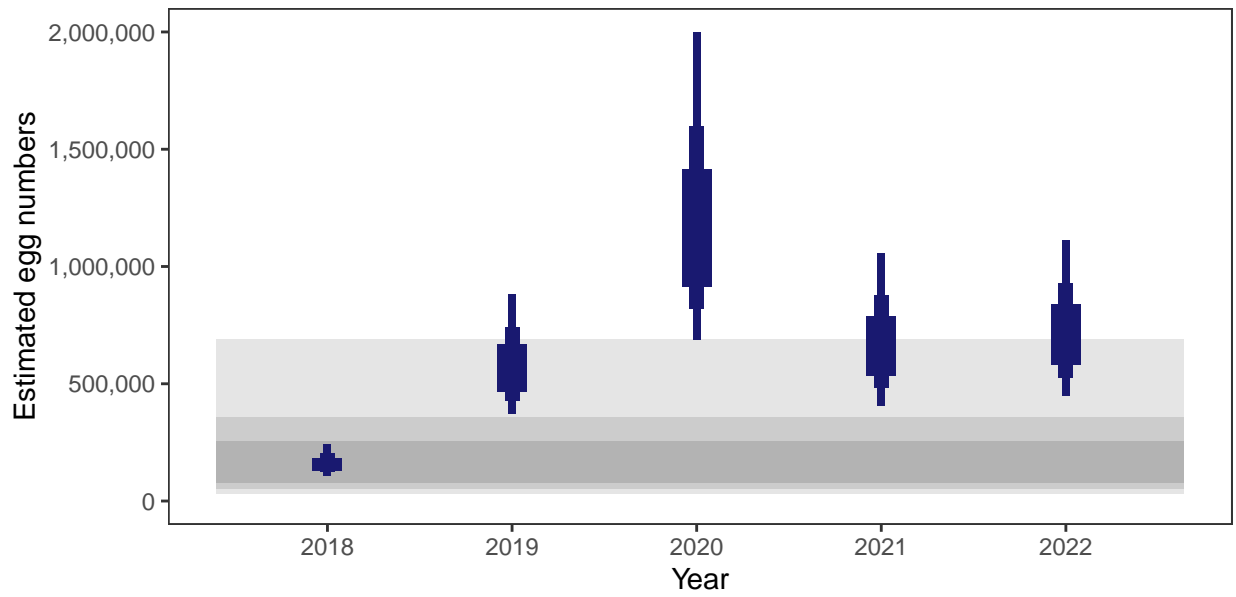### *Areas of salmon habitat in square meters*

There is an estimated 46,810 square meters of known salmon habitat in the River Kirkaig and a further 19,726 square meters where salmon may be present.

Egg requirement

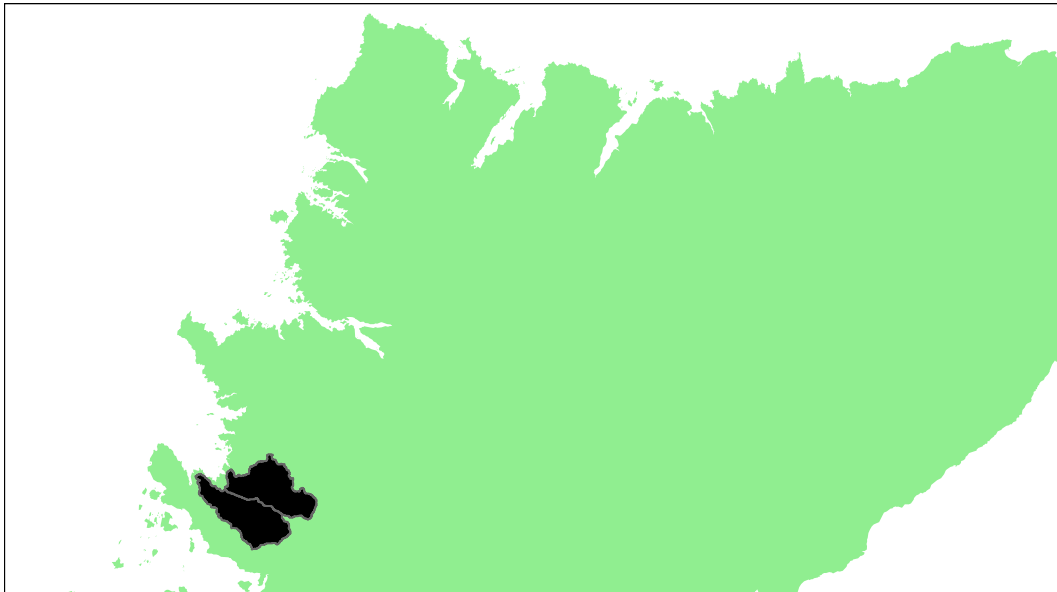

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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)
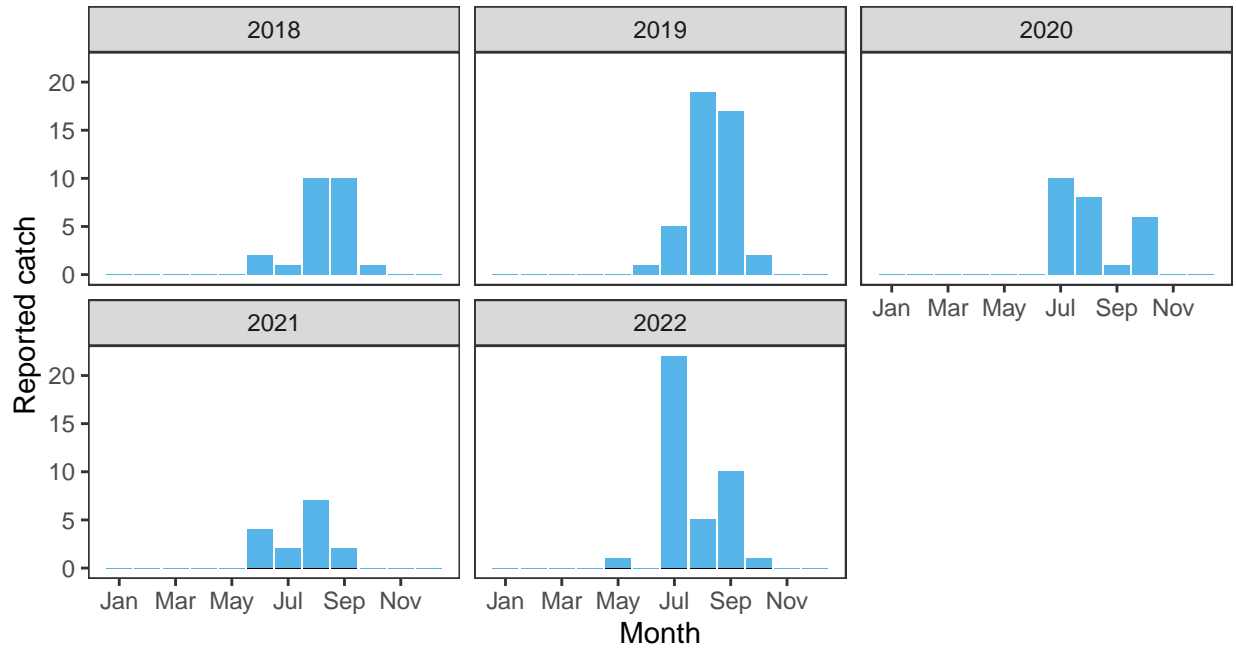
Polly and Oscaig: Grade 3

Summary Table

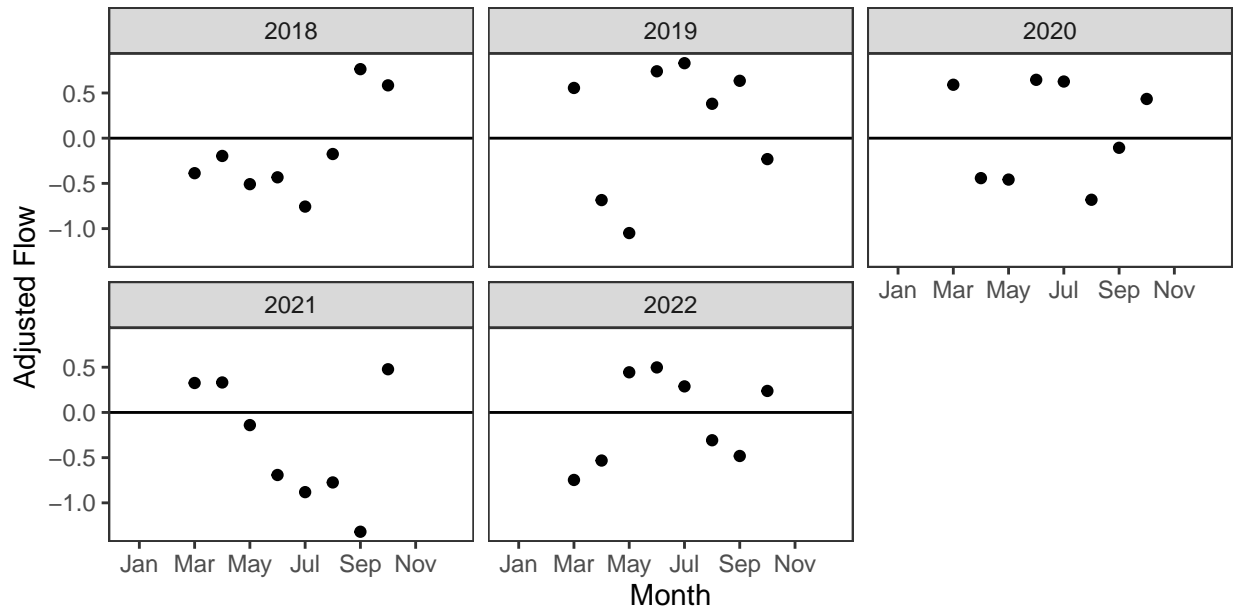| Eggs required (m²)ᵃ	Area (m²)ᵃ	Total egg requirementᵃ	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
2.82	179,000	495,000	30.37	45.01	48.59	36.79	56.98	0.43548	3

ᵃ Figures presented are median values

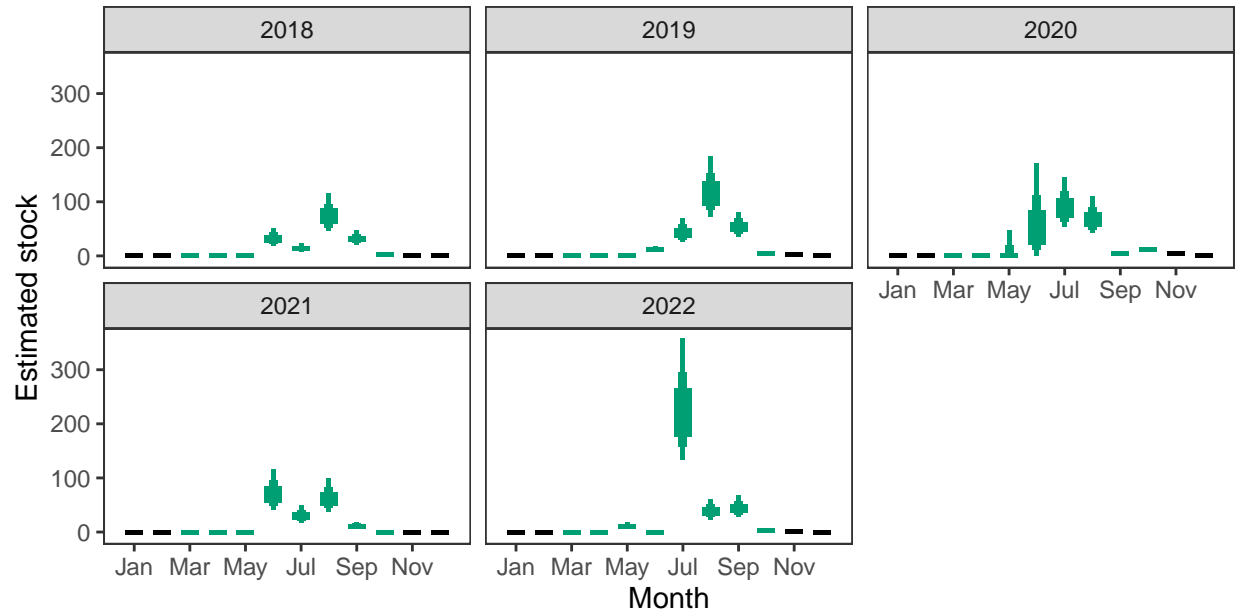# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
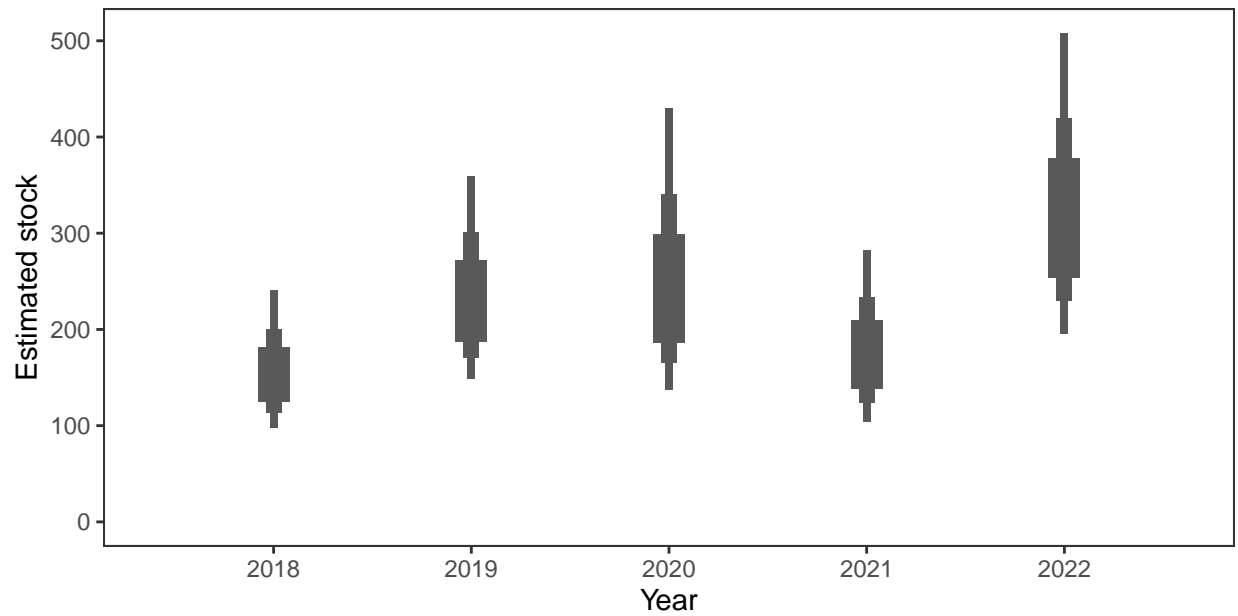

Monthly flow data
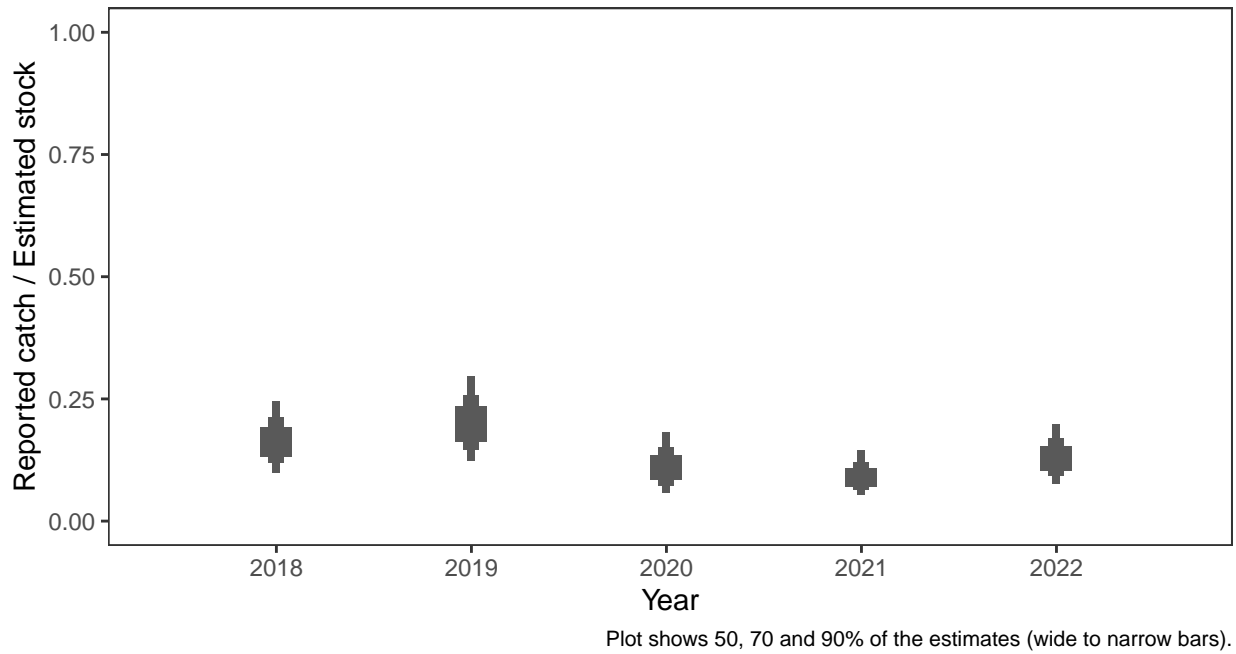
Monthly stock estimates (out of season in black)

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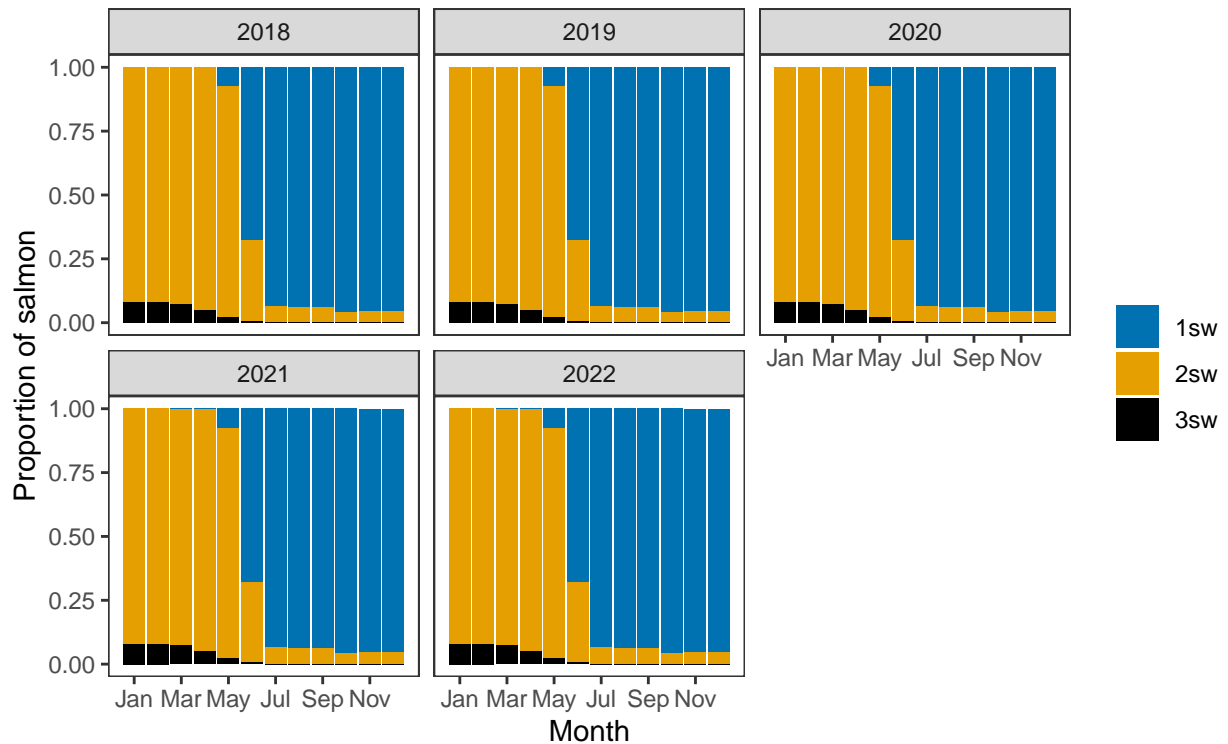
Annual estimated stock

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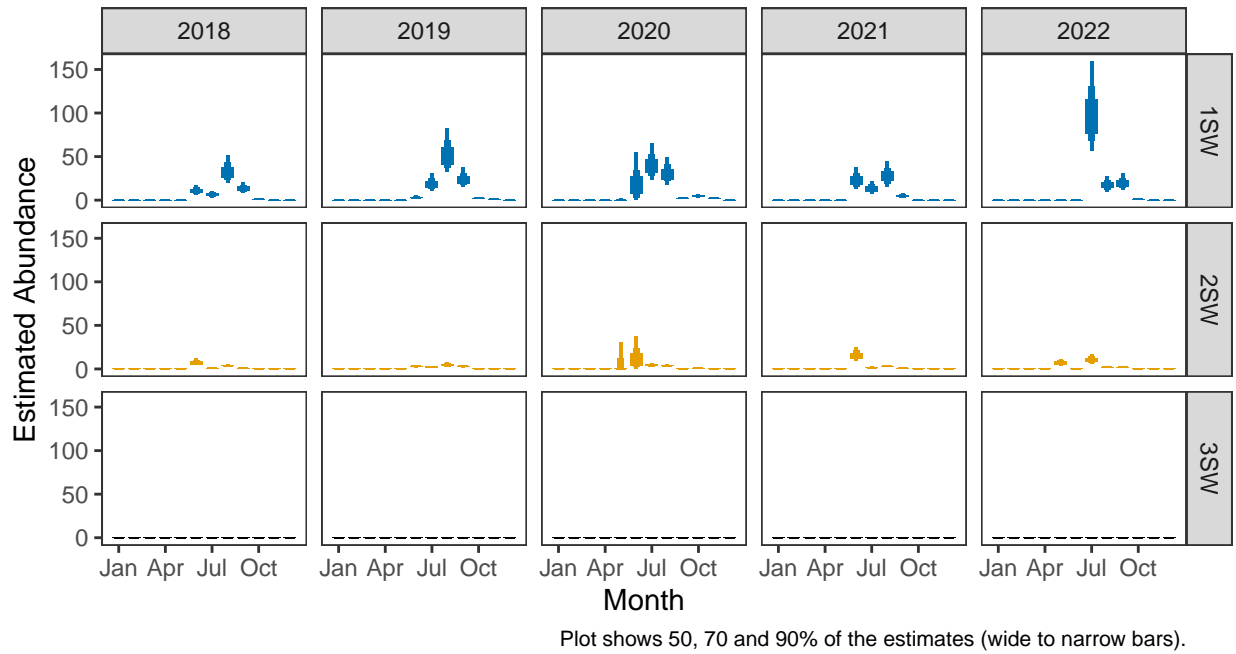
Annual catch as a proportion of stock

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

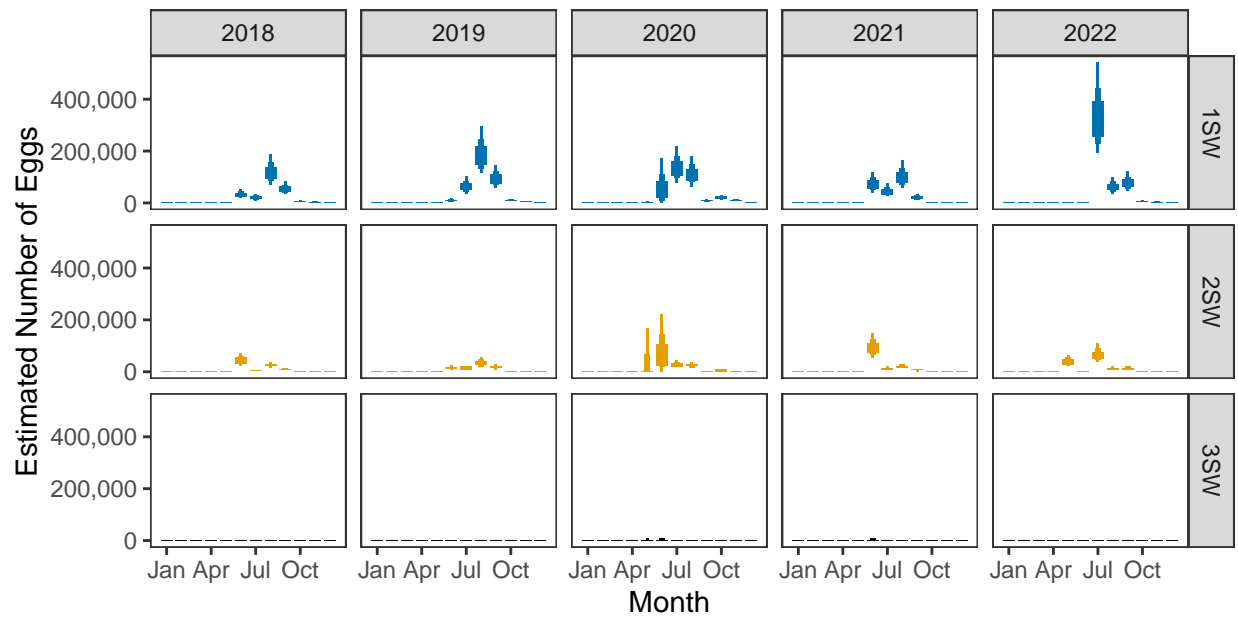Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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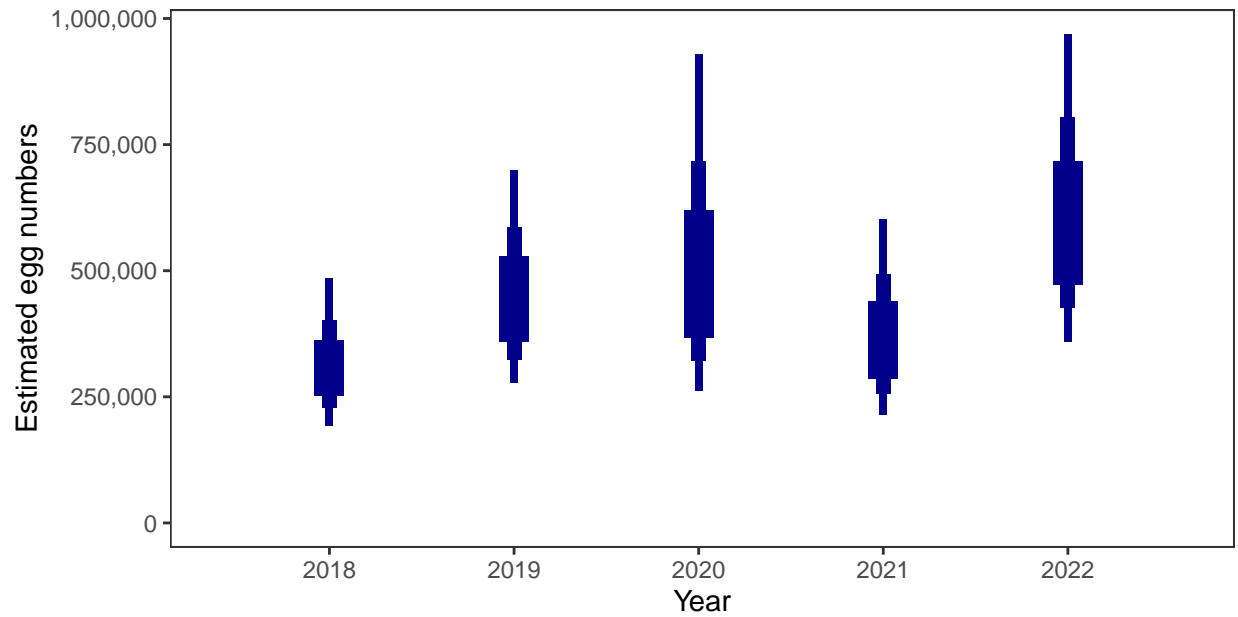
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

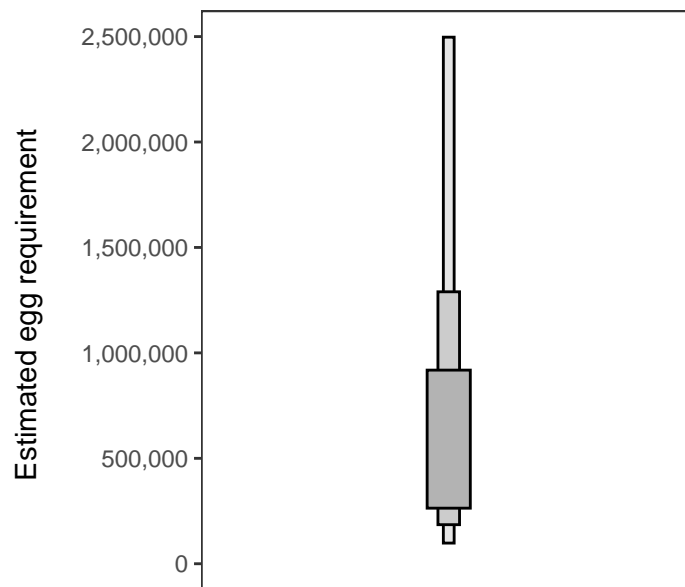Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	30.37
2019	45.01
2020	48.59
2021	36.79
2022	56.98

4. Egg requirement

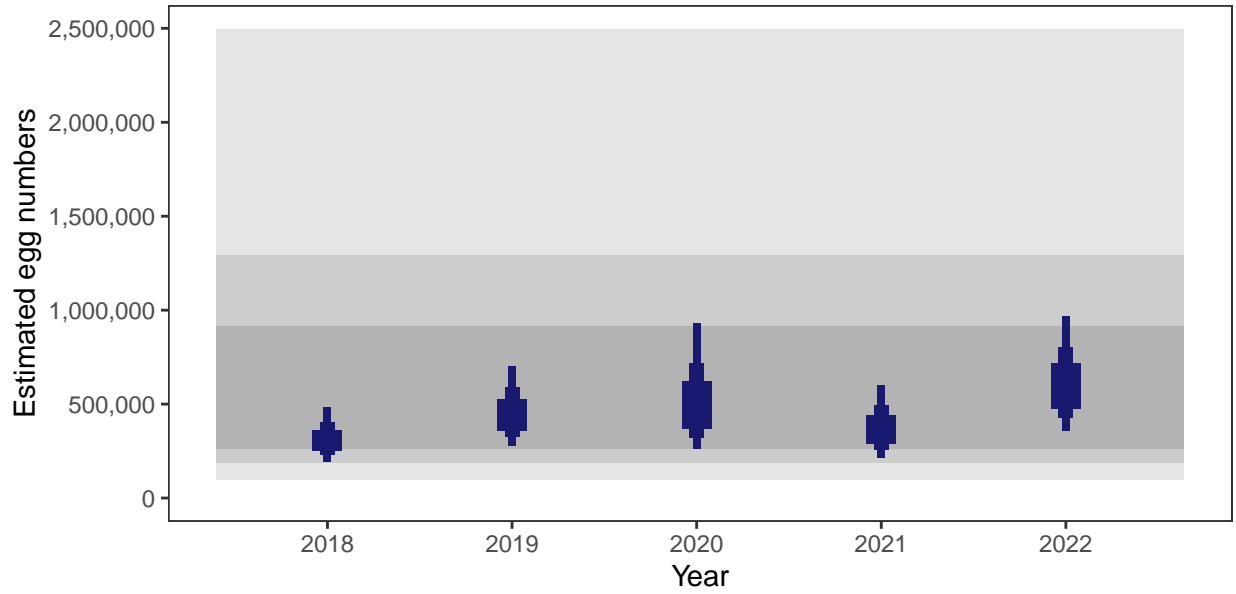### Areas of salmon habitat in square meters

There is an estimated 144,515 square meters of known salmon habitat in the Polly and Oscaig and a further 116,423 square meters where salmon may be present.
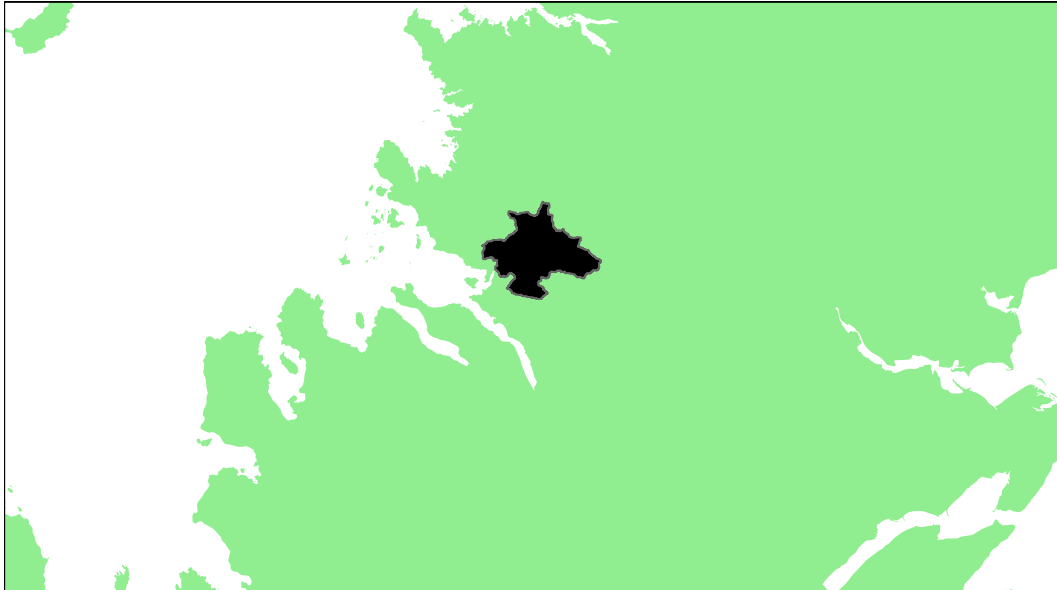
Egg requirement

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)
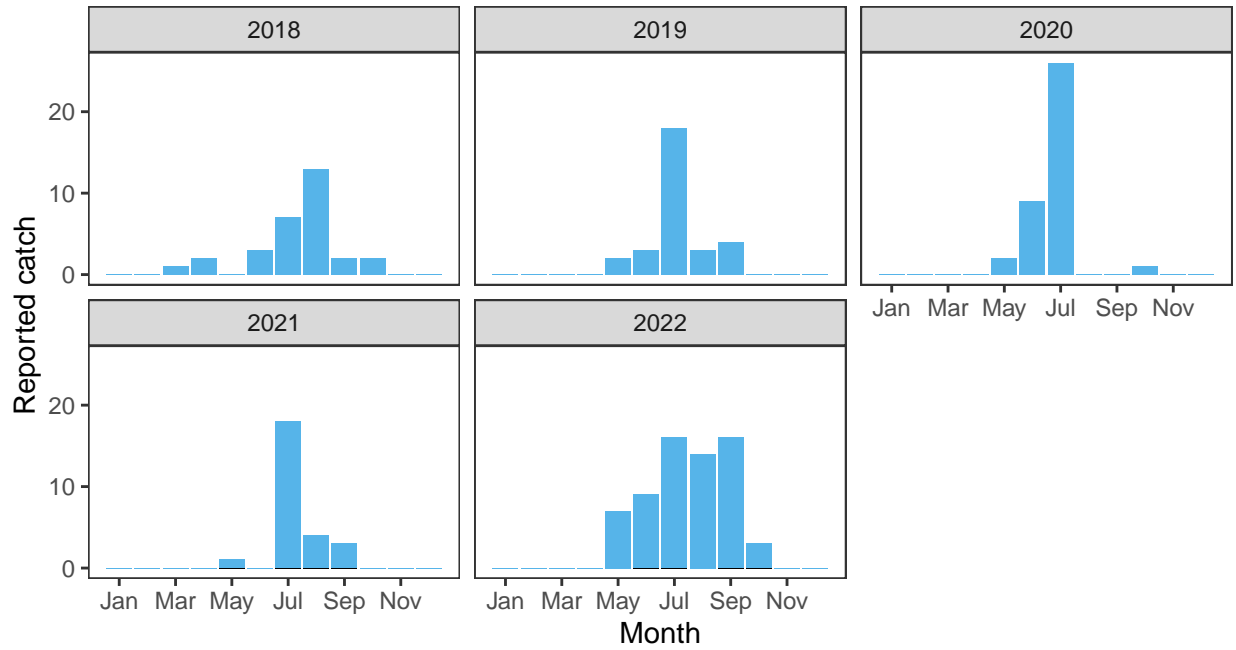
River Kanaird: Grade 2

Summary Table

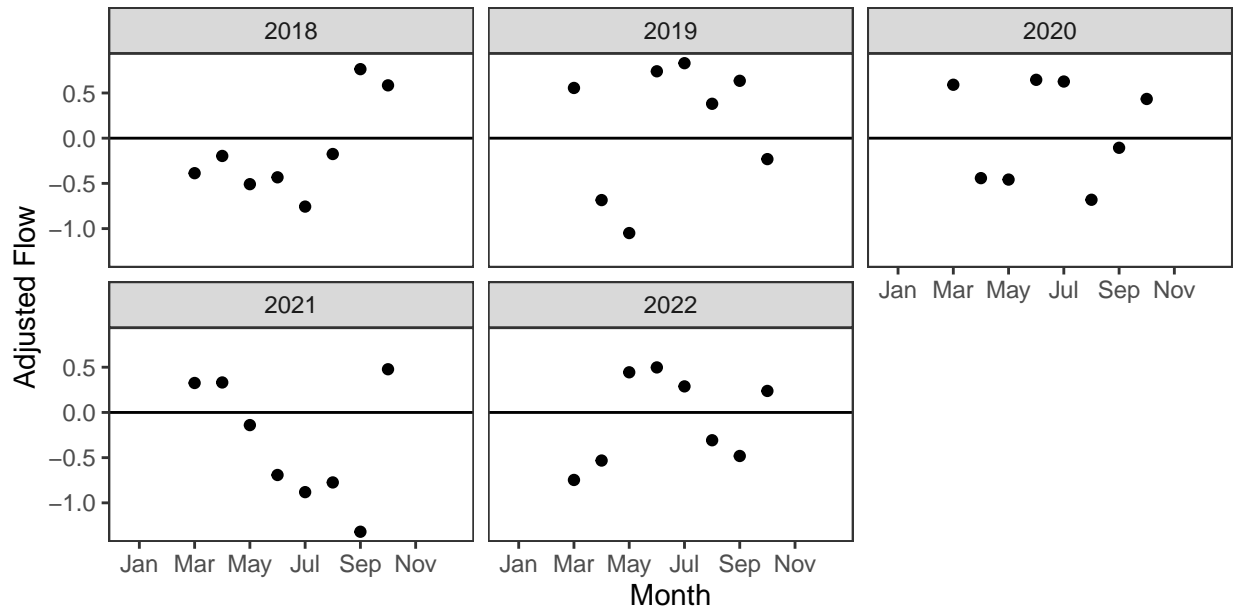| Eggs required $(m^2)^a$ | Area $(m^2)^a$ | Total egg requirement[a] | Percentage chance meeting requirement | | | | | | Grade |
			2018	2019	2020	2021	2022	Overall	
1.7	221,000	377,000	67.46	64.12	80.29	70.94	85.93	0.73748	2

[a] Figures presented are median values

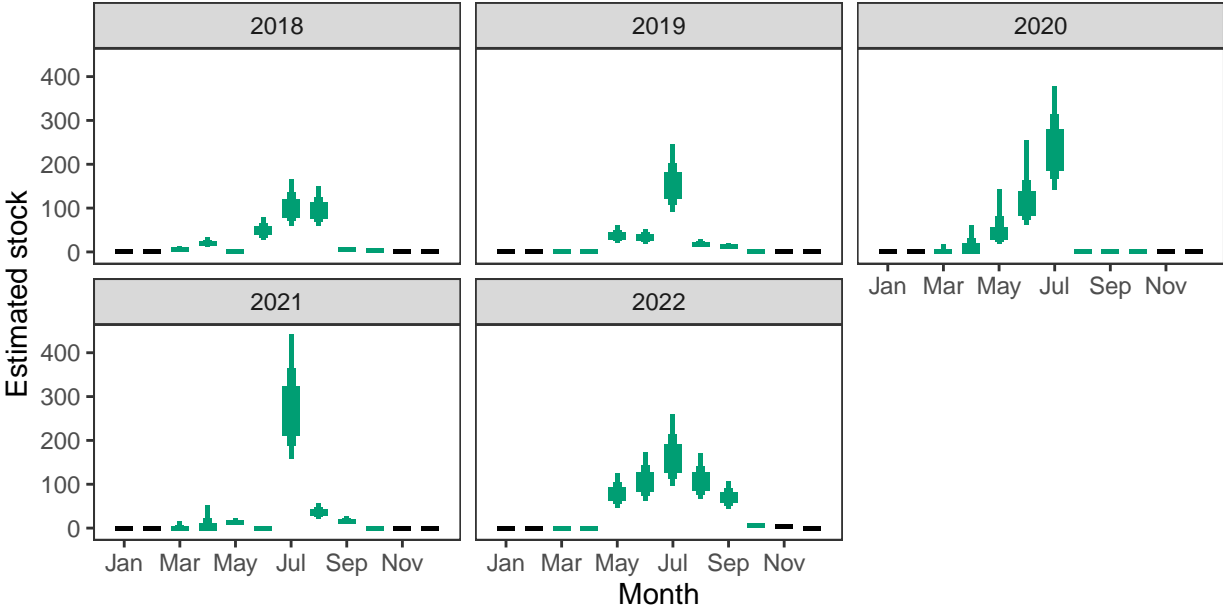# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
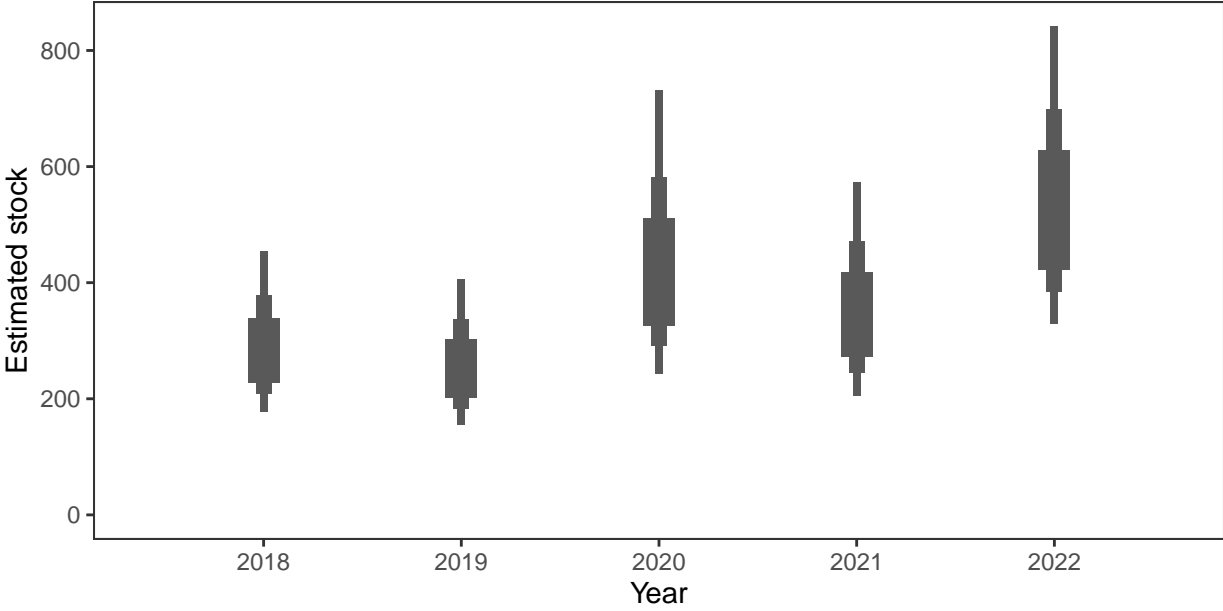

Monthly flow data
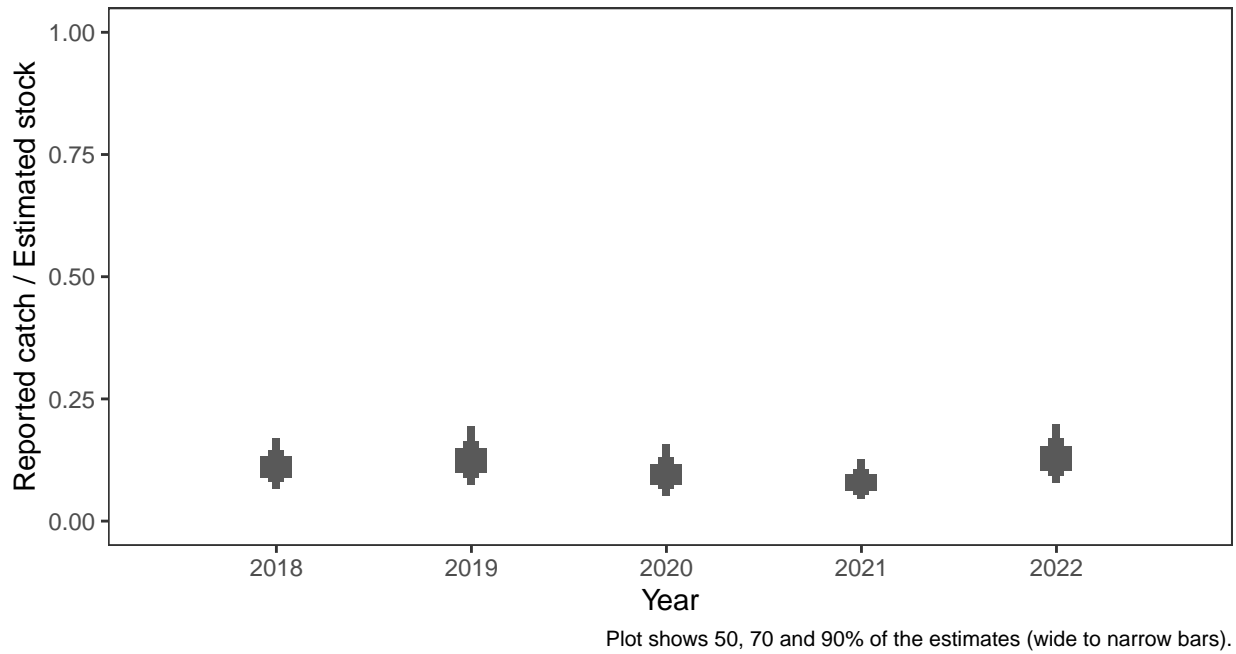
Monthly stock estimates (out of season in black)

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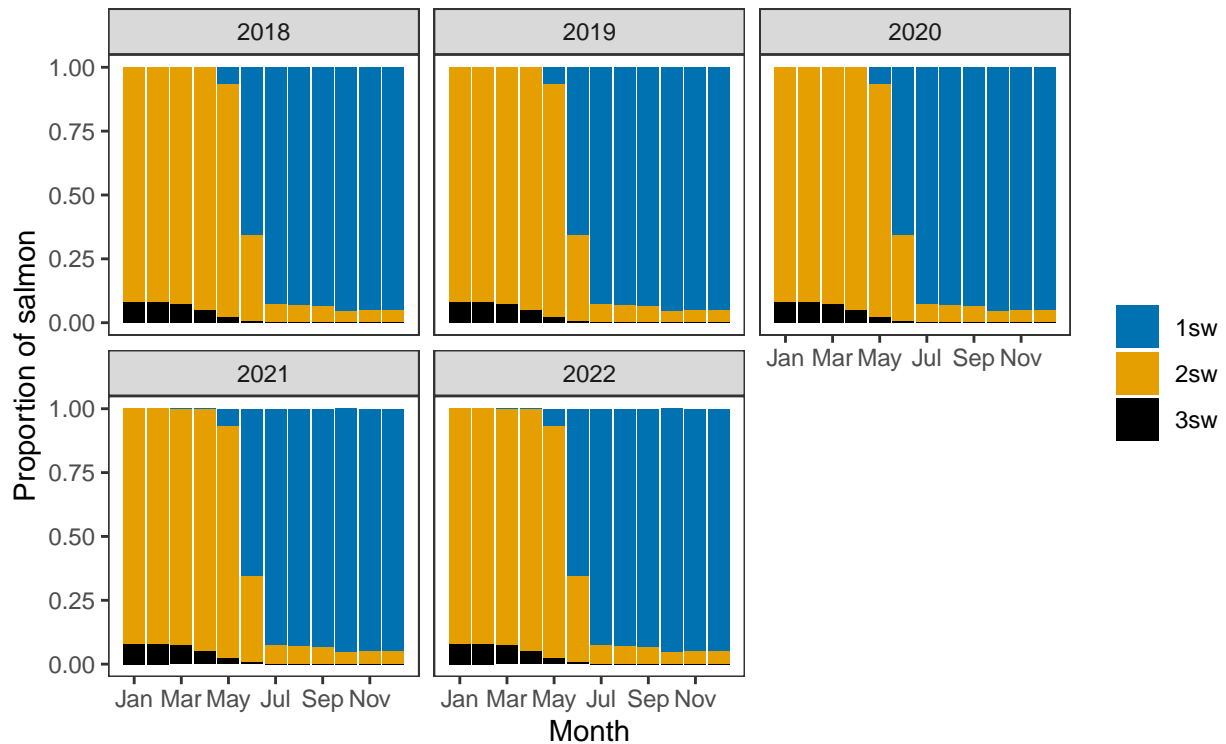
Annual estimated stock

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

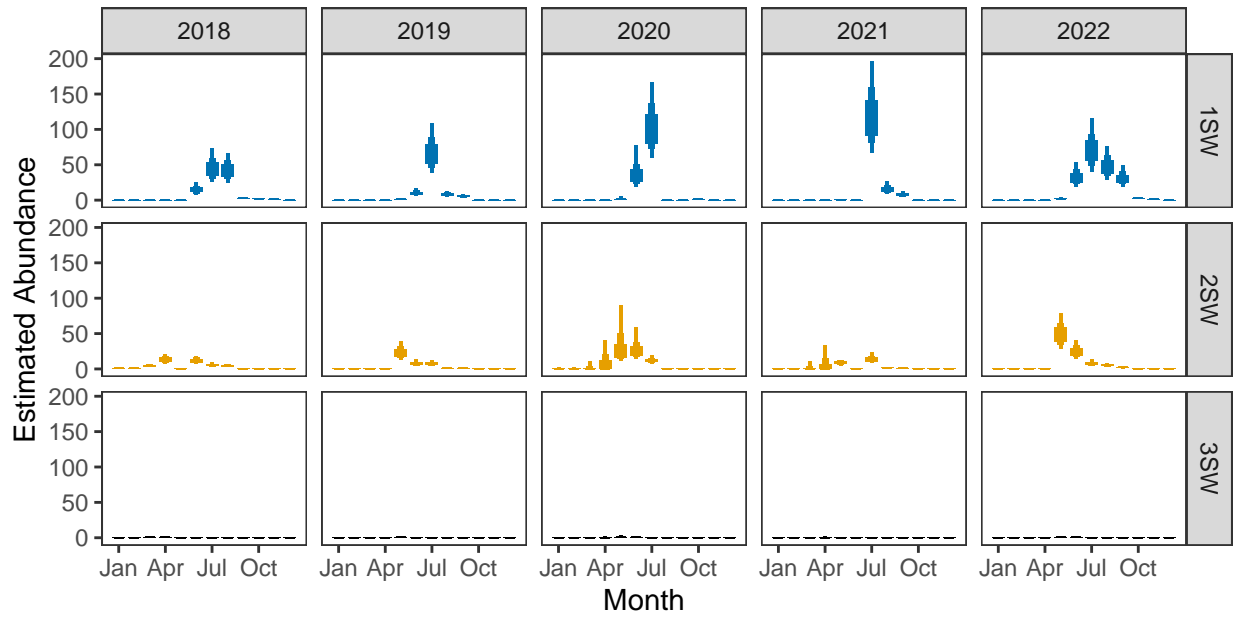*Annual catch as a proportion of stock*

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

Ages of fish

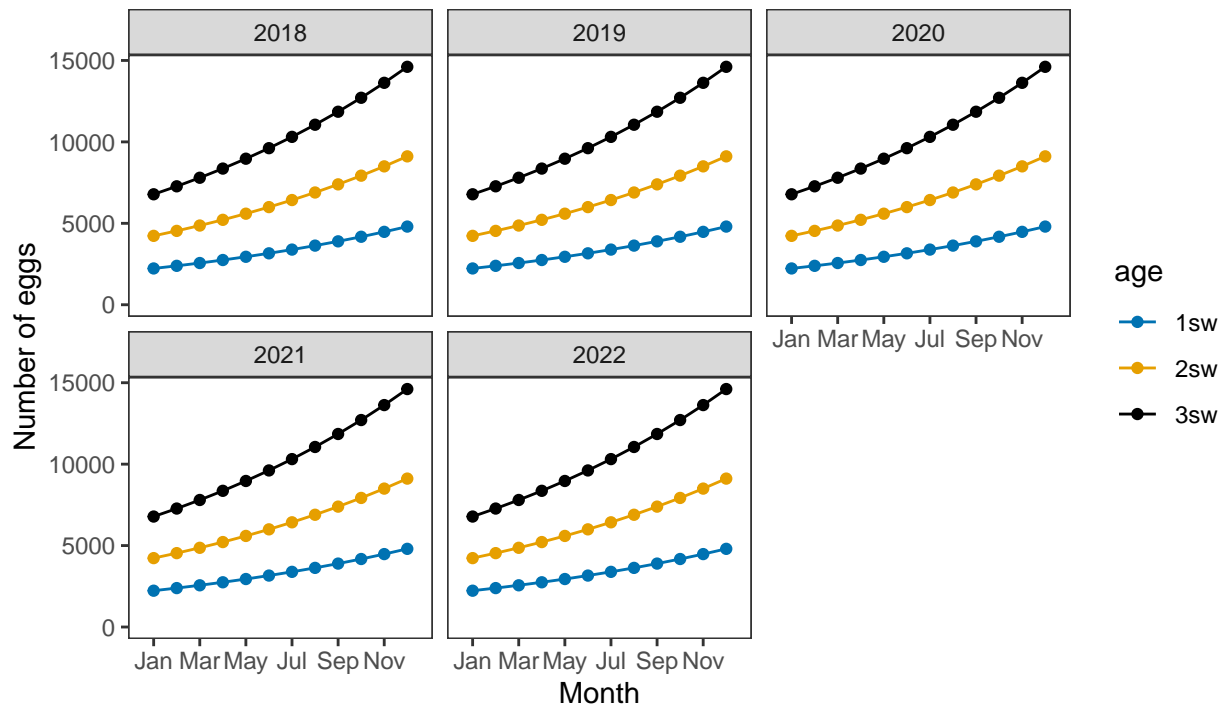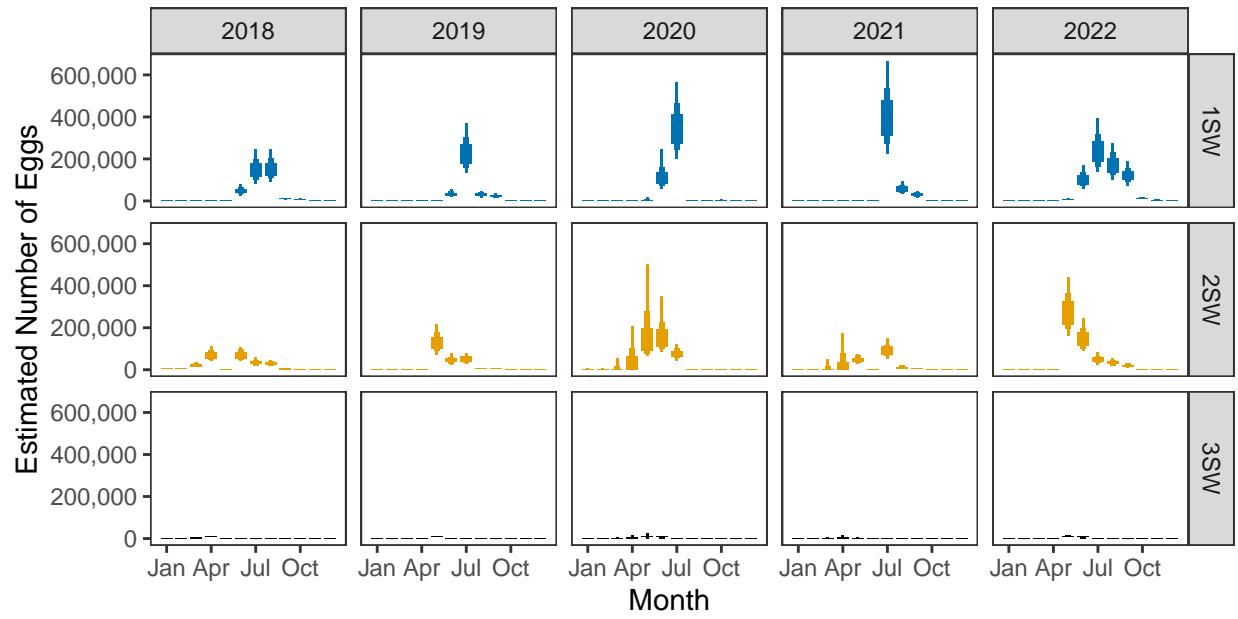## Monthly number of spawning females

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

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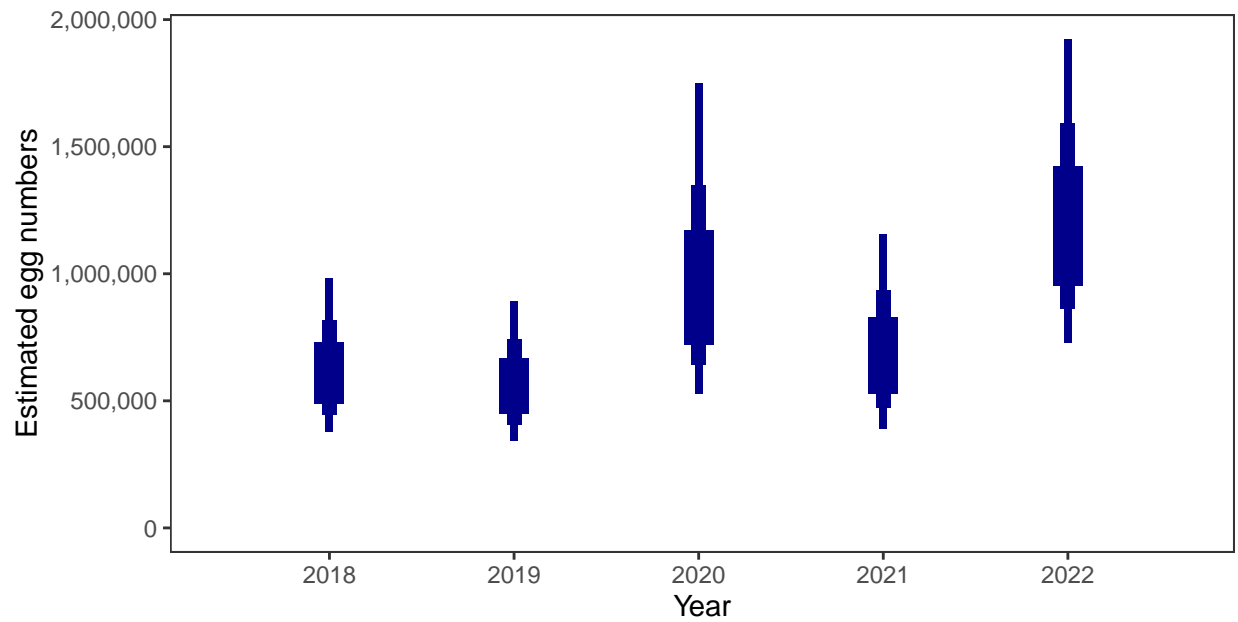
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

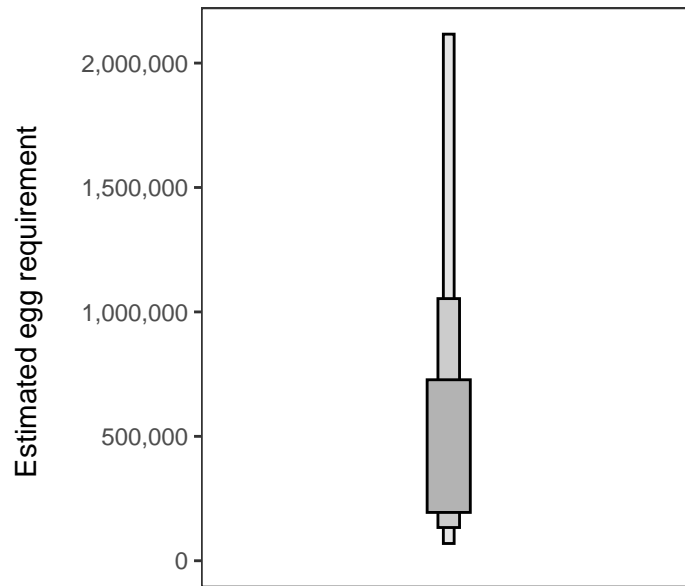Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	67.46
2019	64.12
2020	80.29
2021	70.94
2022	85.93

4. Egg requirement

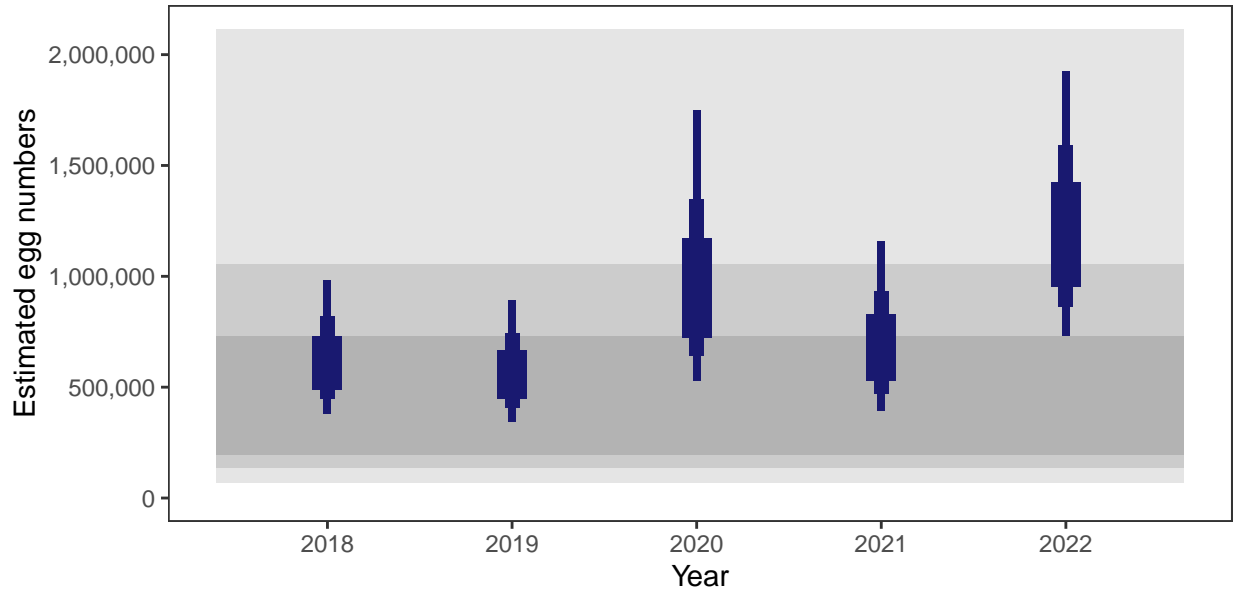### Areas of salmon habitat in square meters

There is an estimated 232,505 square meters of known salmon habitat in the River Kanaird and a further 38,523 square meters where salmon may be present.

Egg requirement

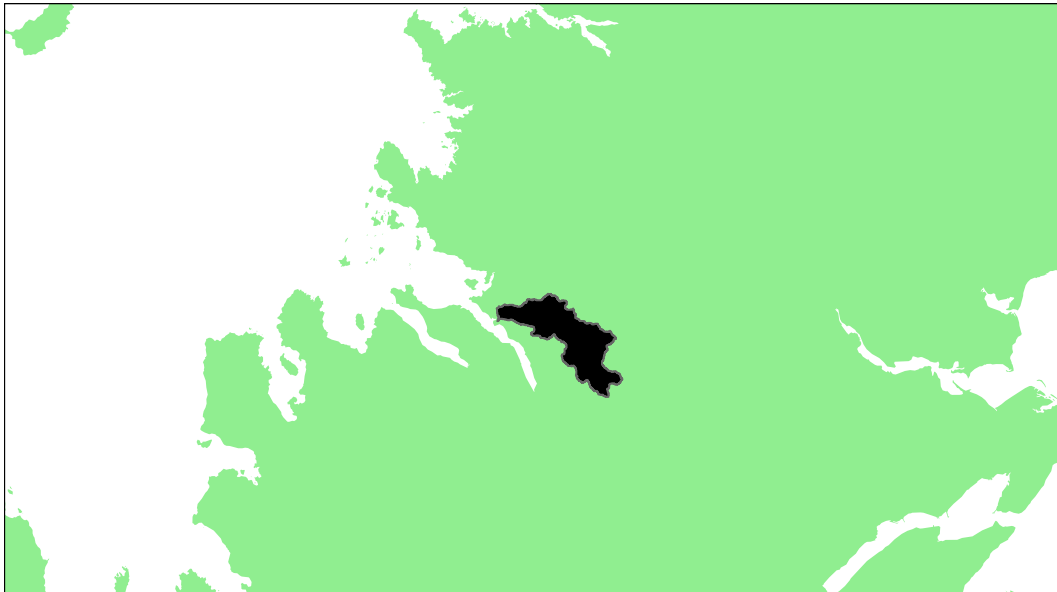

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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)
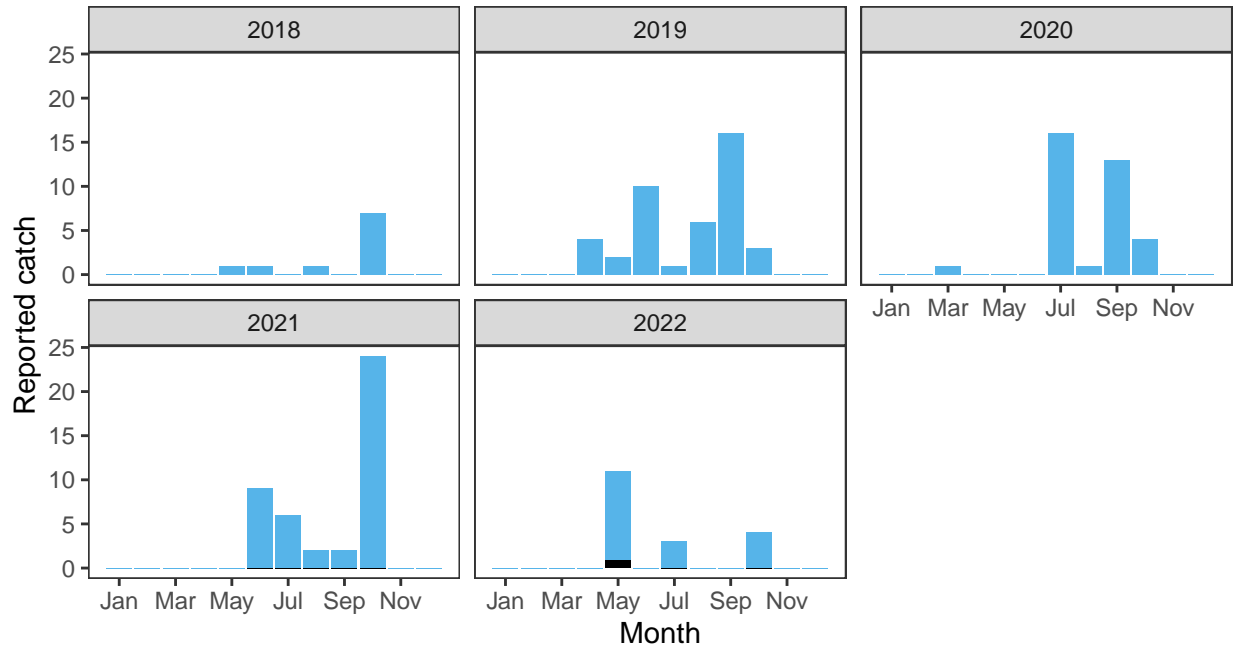
Ullapool River: Grade 3

Summary Table

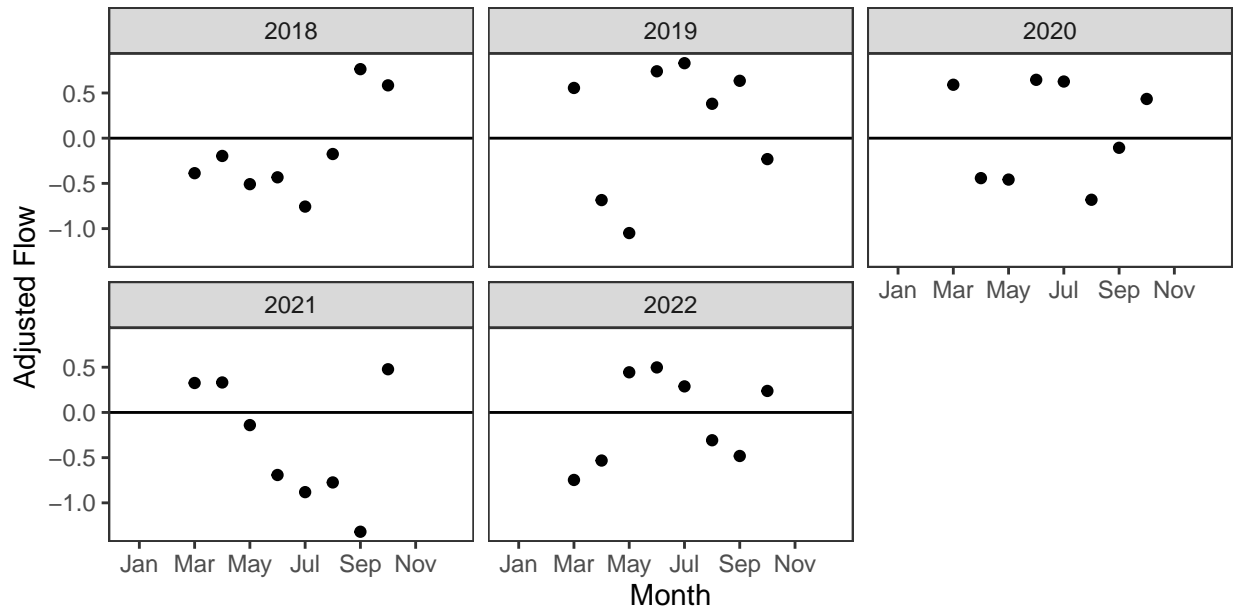| Eggs required (m^2)[a]	Area (m^2)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
2.36	157,000	371,000	17.41	77.95	55.91	76.6	63.48	0.5827	3

[a] Figures presented are median values

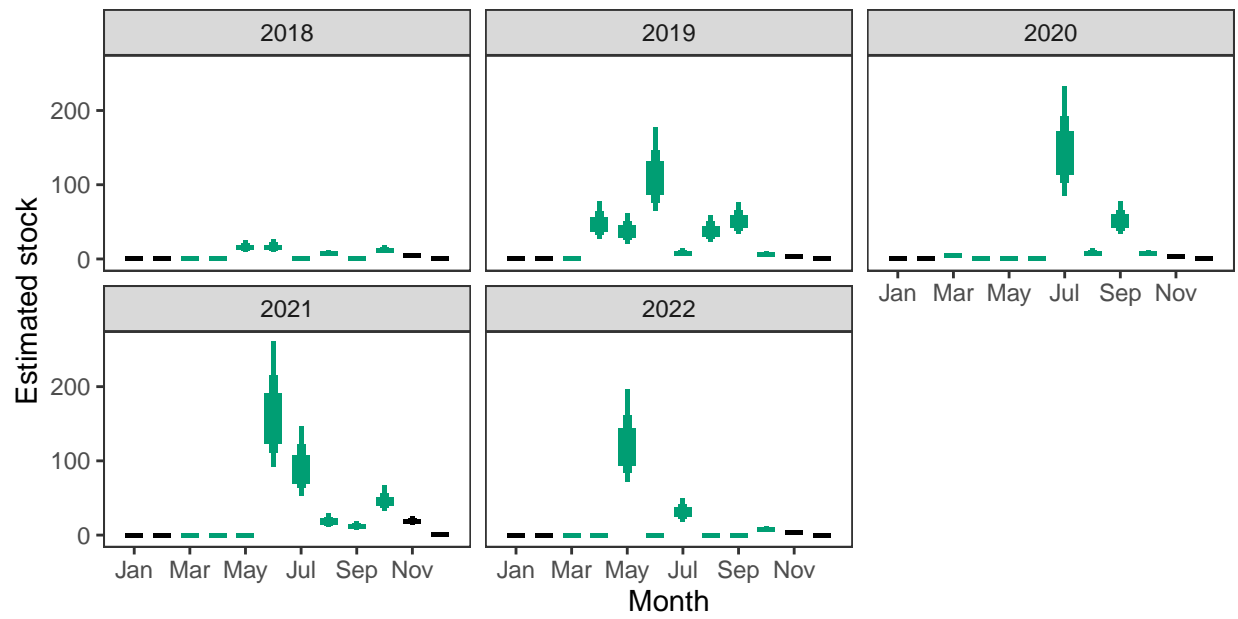# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
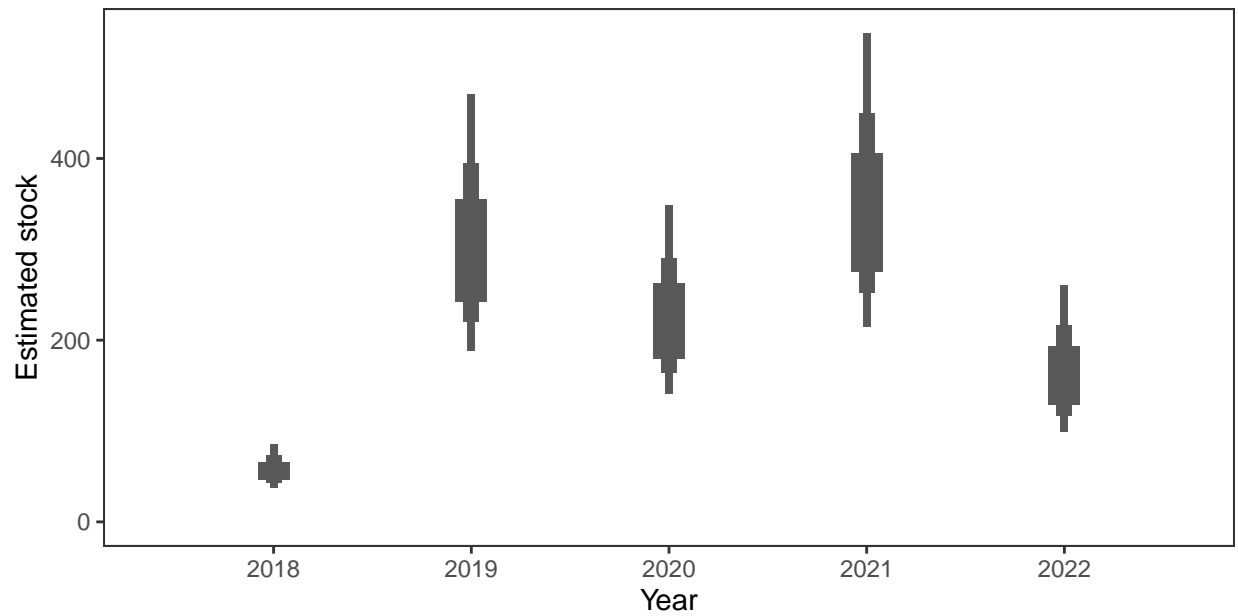

Monthly flow data

Monthly stock estimates (out of season in black)
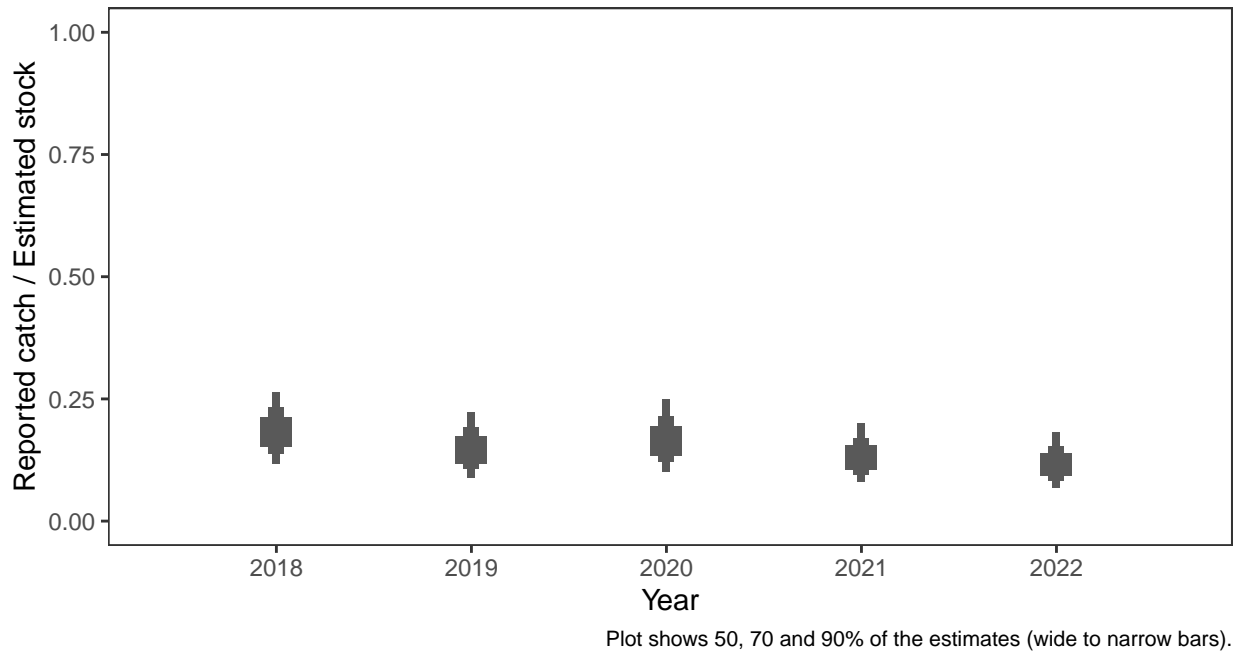

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
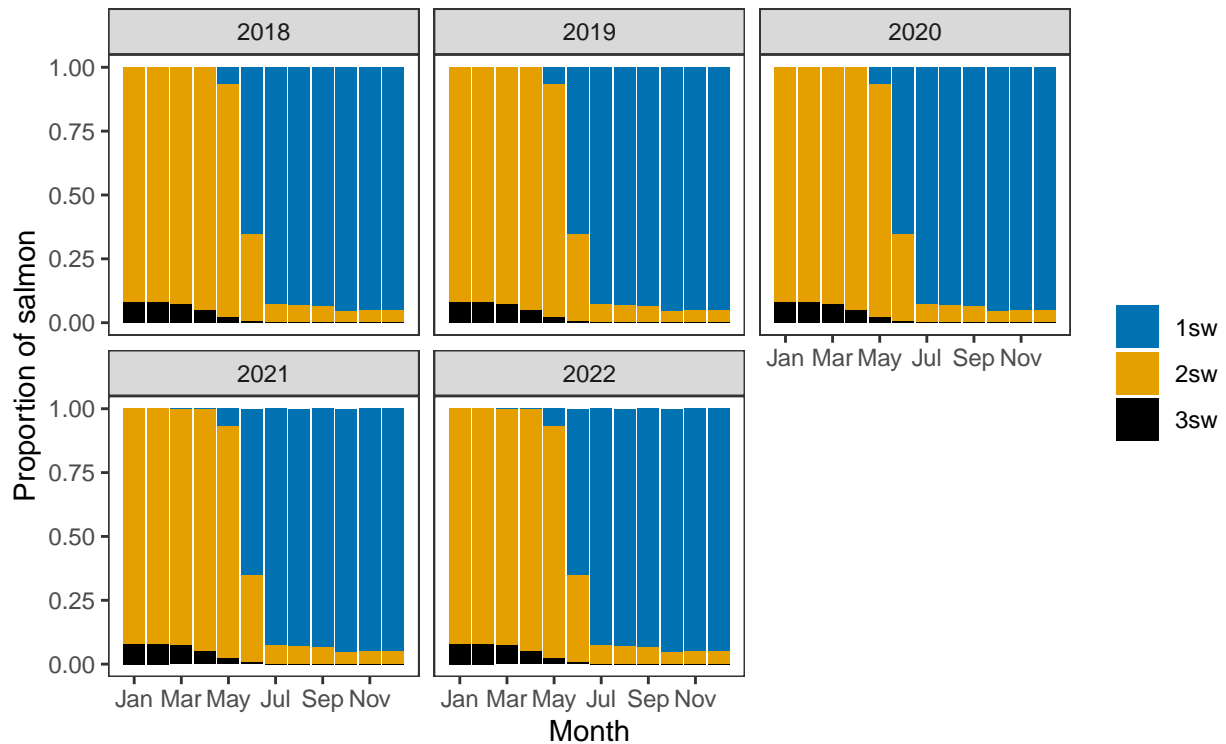
Annual estimated stock

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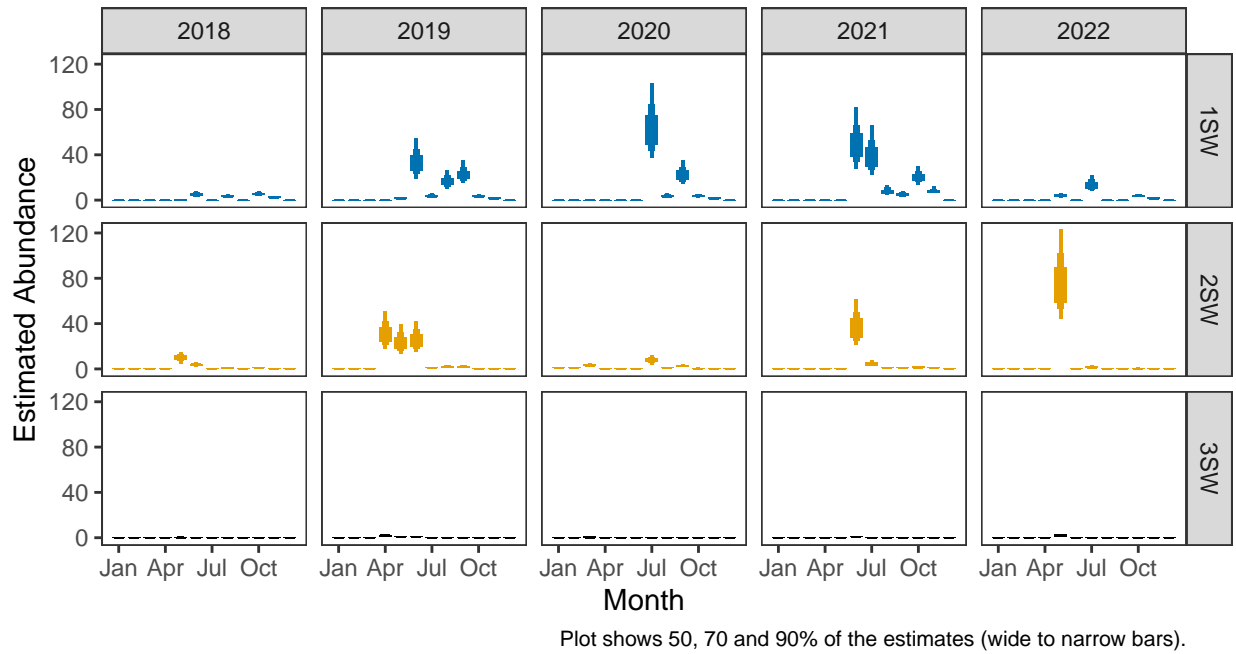
Annual catch as a proportion of stock

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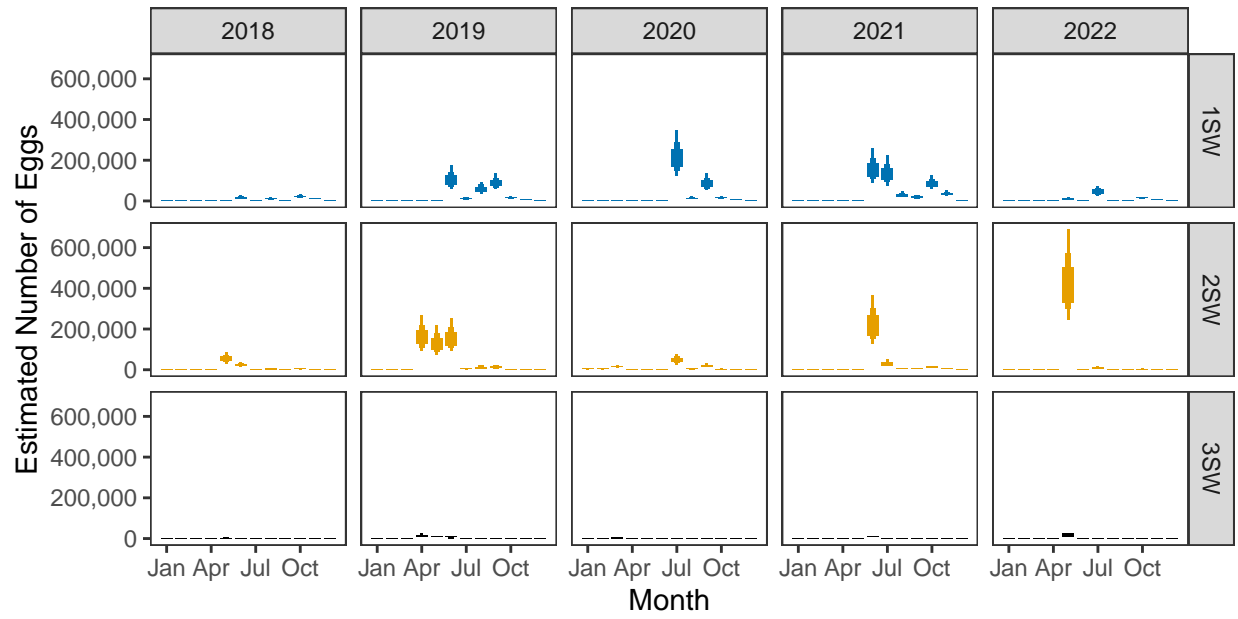
3. Converting Number of Spawners to Number of Eggs
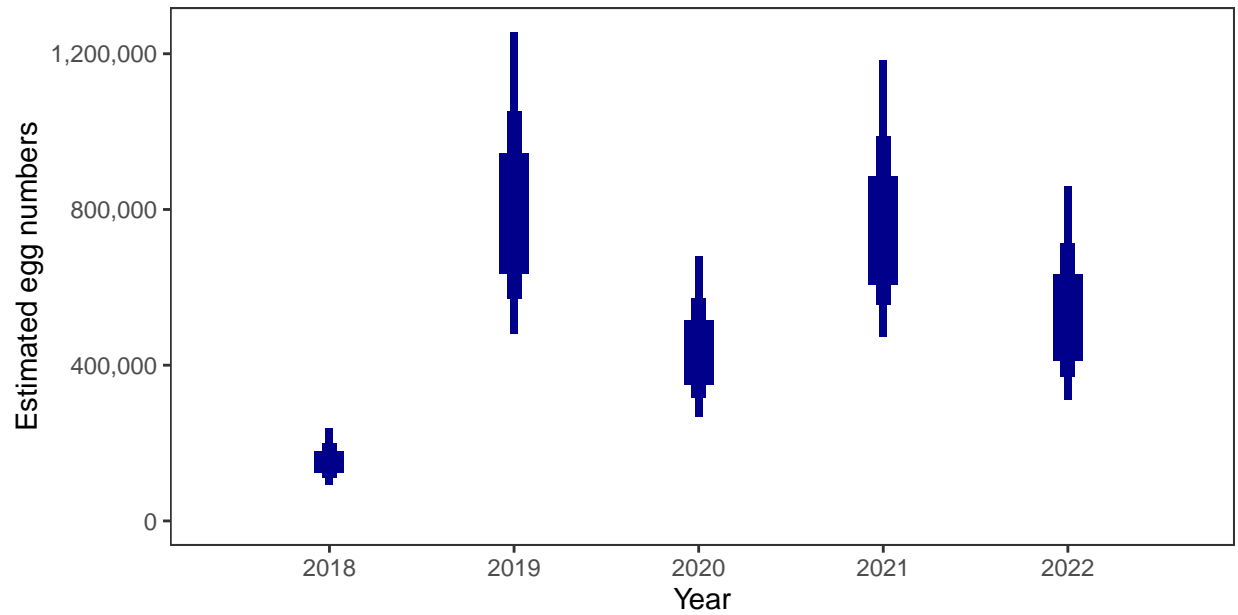
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

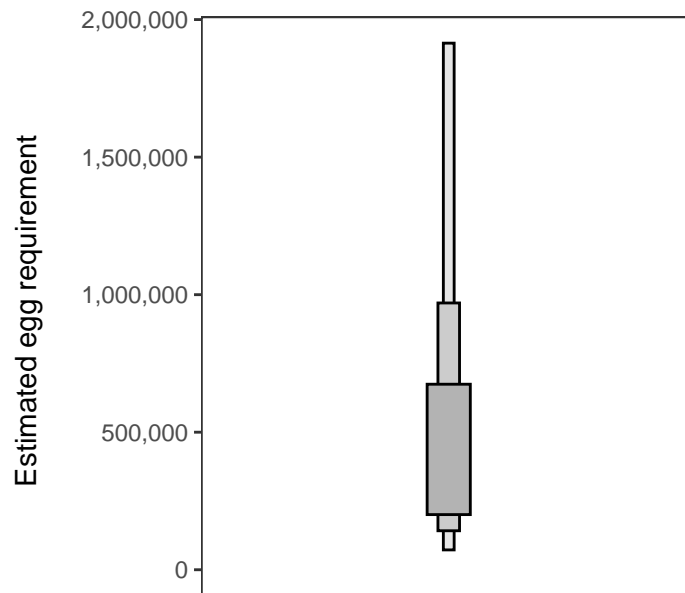Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	17.41
2019	77.95
2020	55.91
2021	76.60
2022	63.48

4. Egg requirement

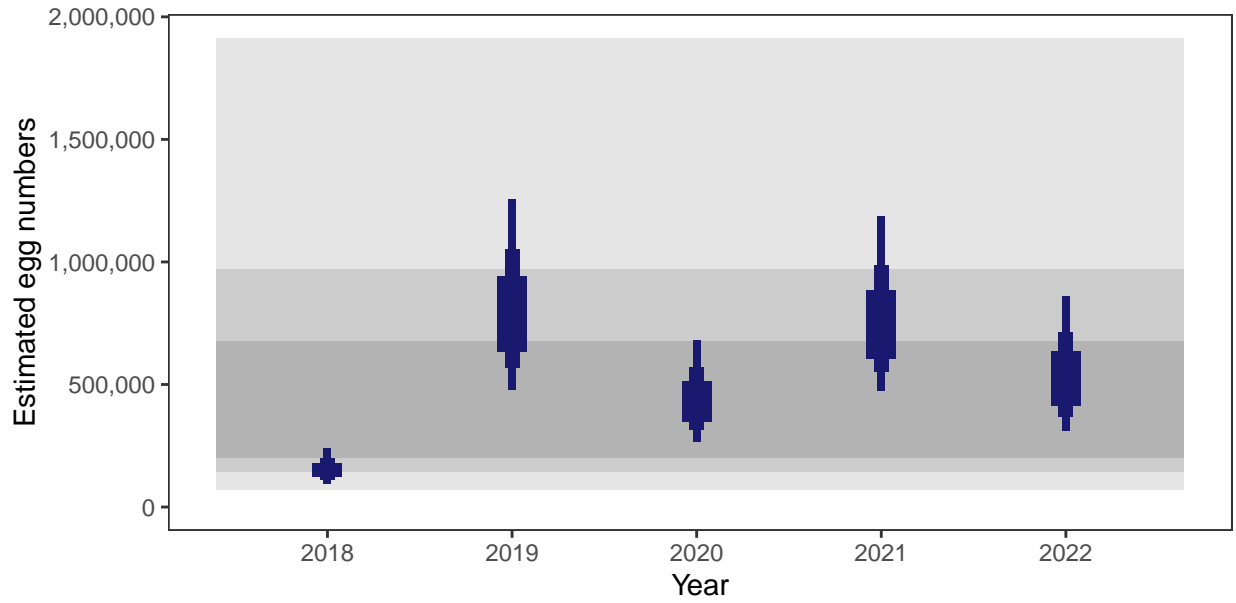### *Areas of salmon habitat in square meters*

There is an estimated 165,739 square meters of known salmon habitat in the Ullapool River and a further 25,670 square meters where salmon may be present.

Egg requirement

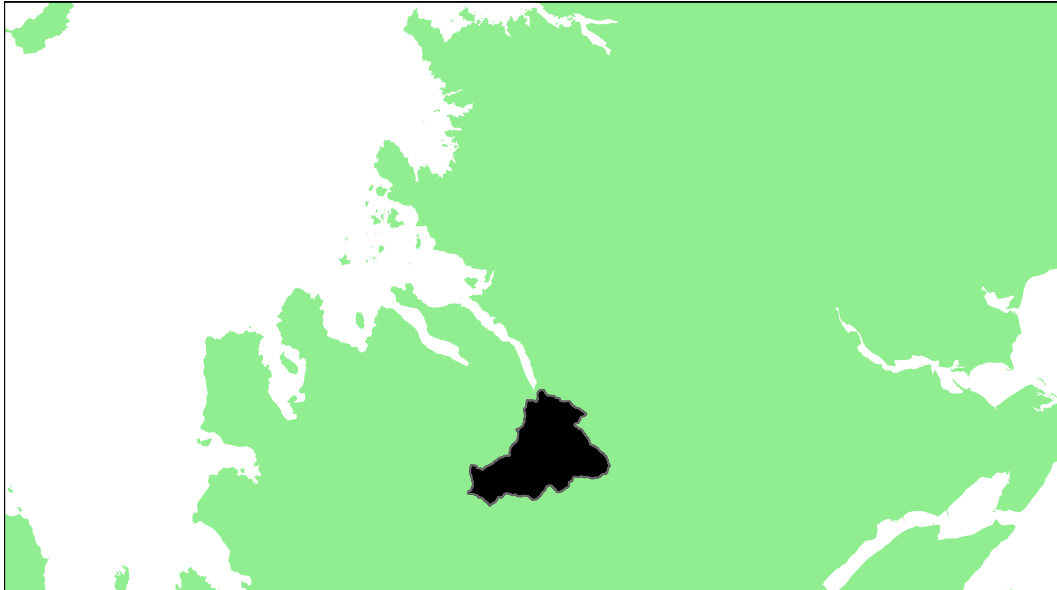

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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)
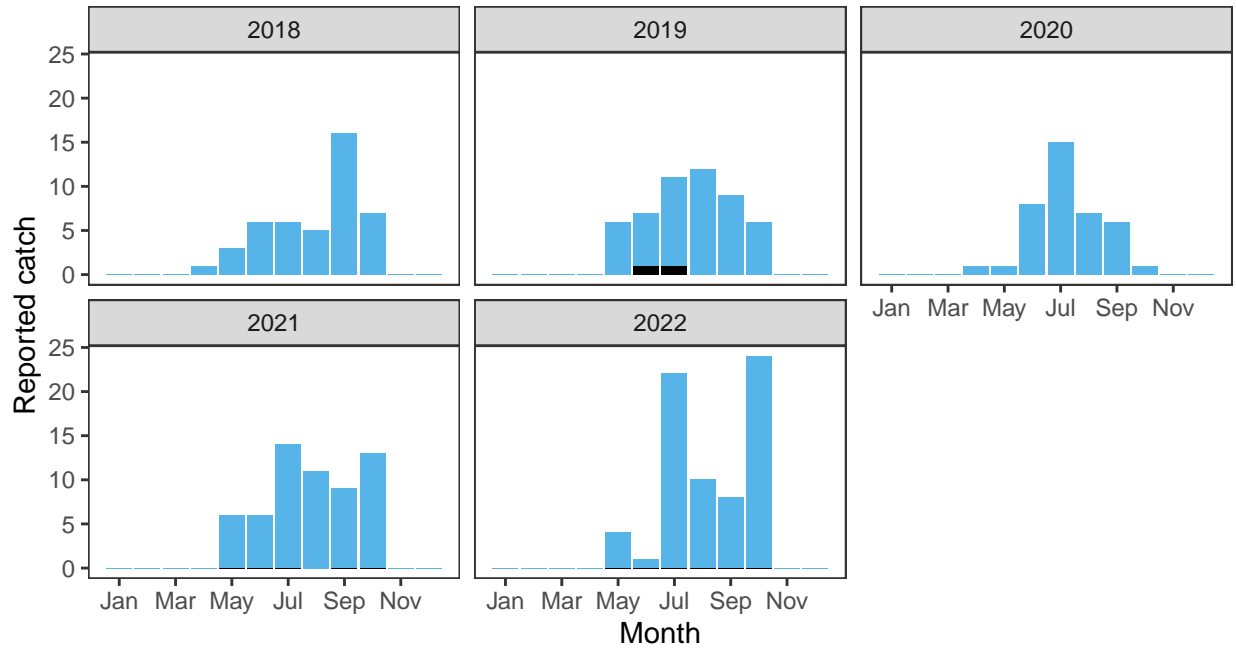
River Broom: Grade 1

Summary Table

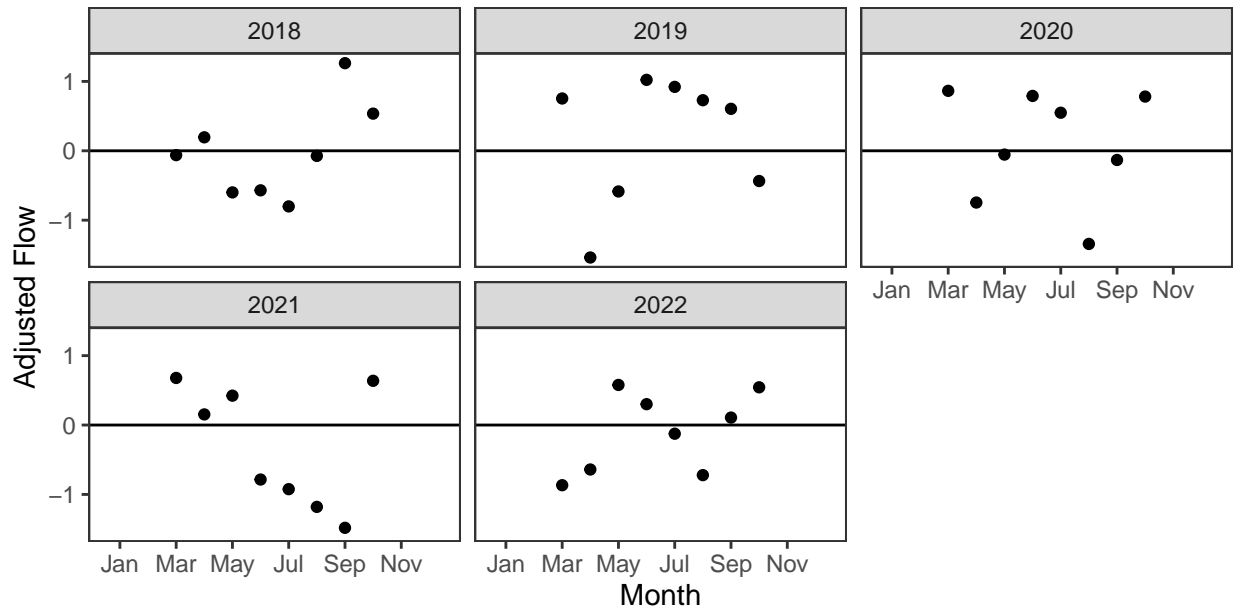| Eggs required (m²)ª	Area (m²)ª	Total egg requirementª	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
2.42	174,000	421,000	74.79	78.04	82.79	87.63	81.61	0.80972	1

ª Figures presented are median values

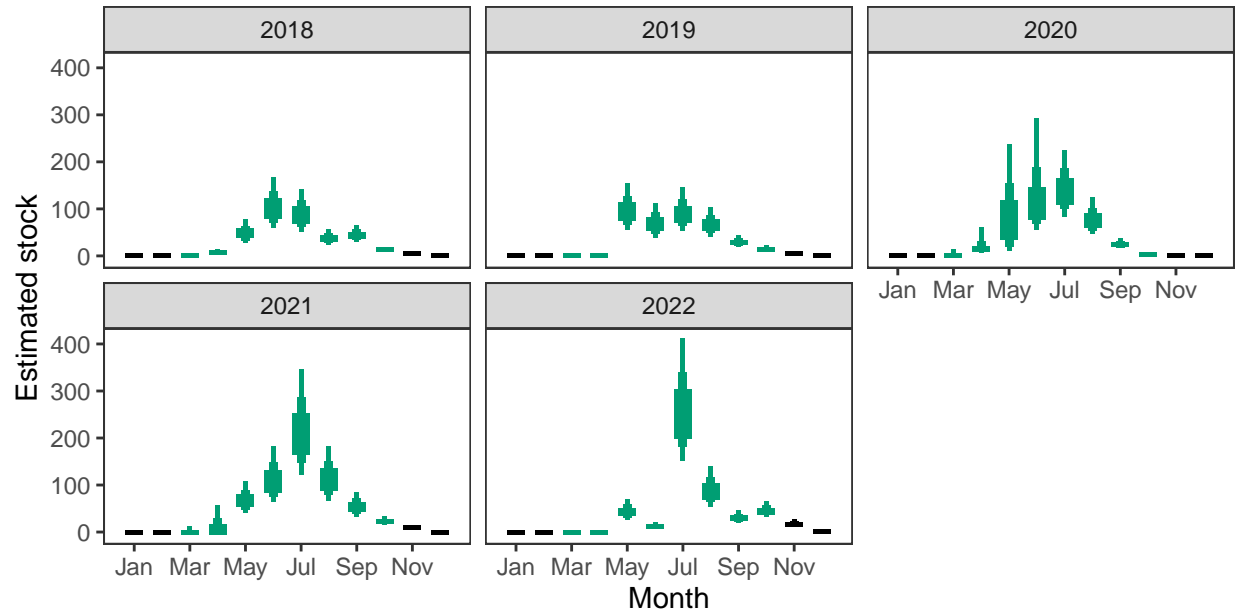# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
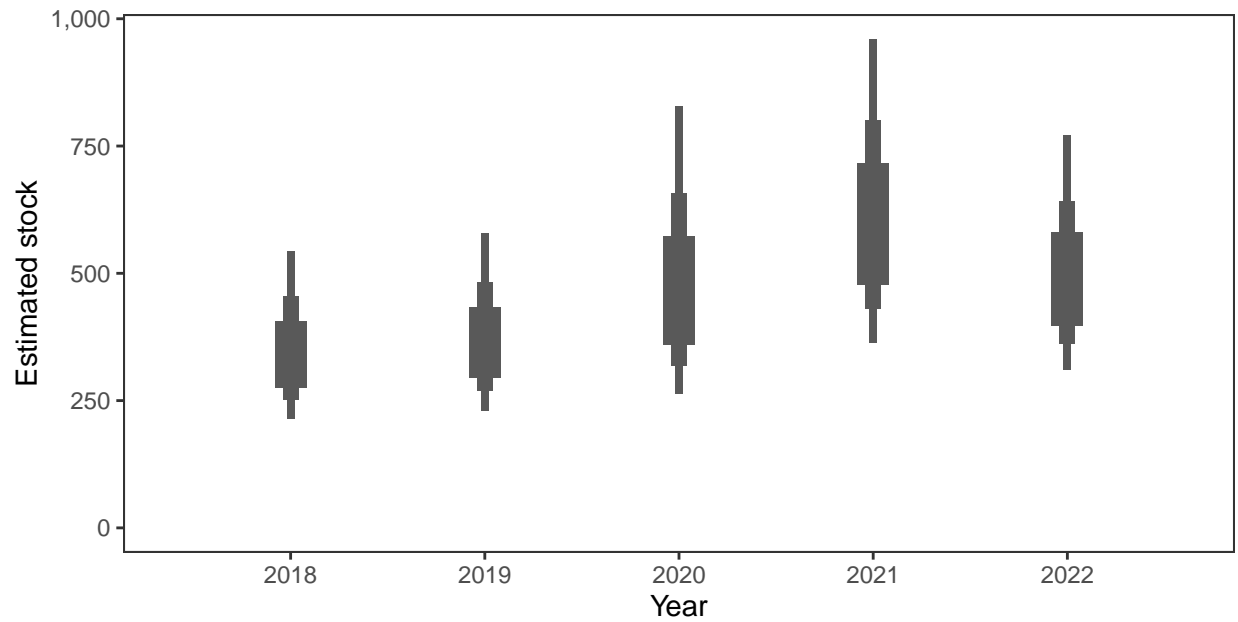

Monthly flow data
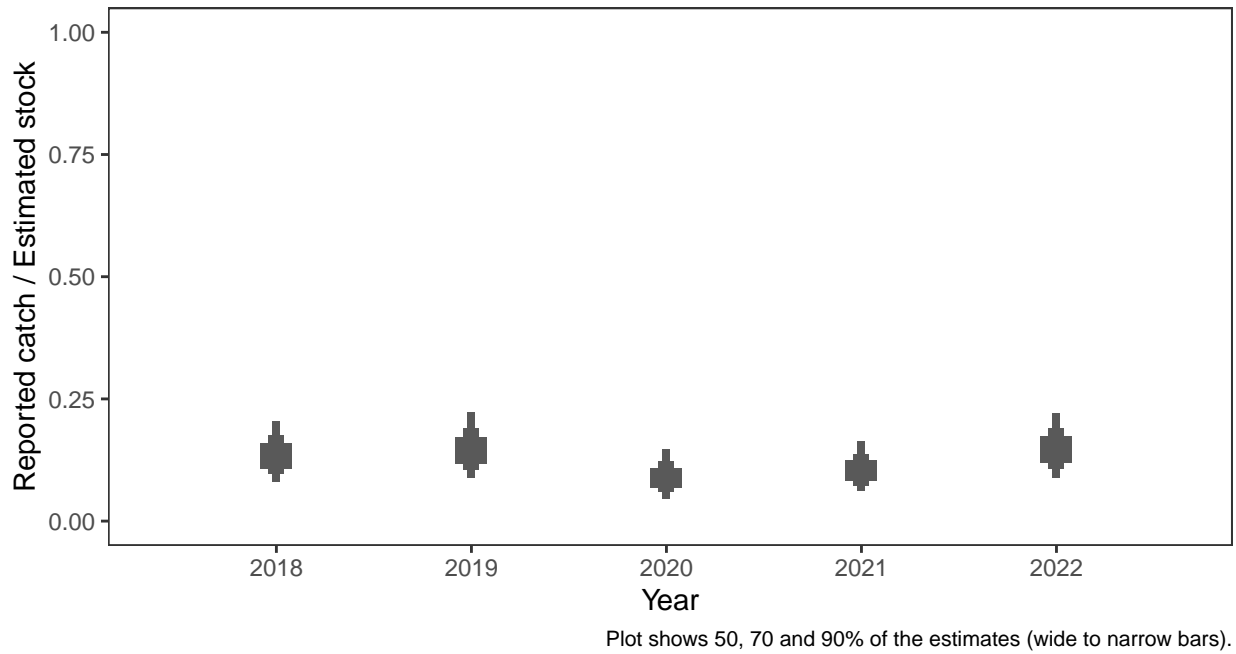
Monthly stock estimates (out of season in black)

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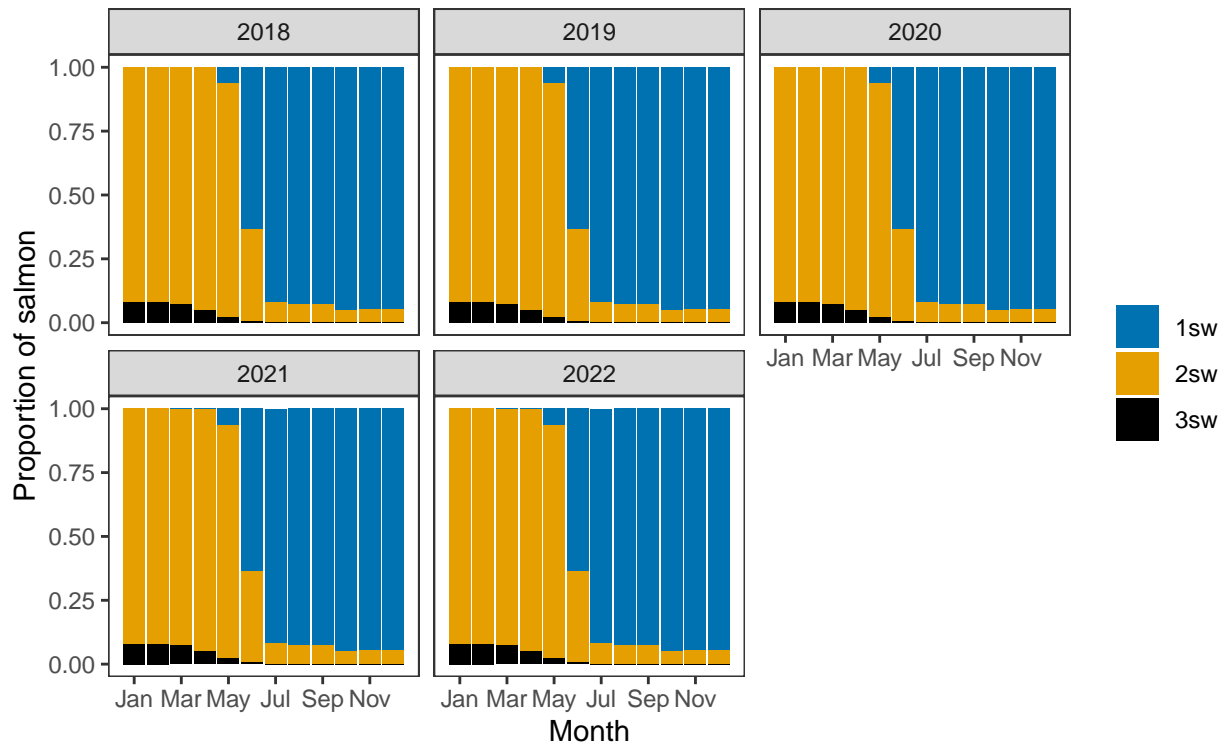
Annual estimated stock

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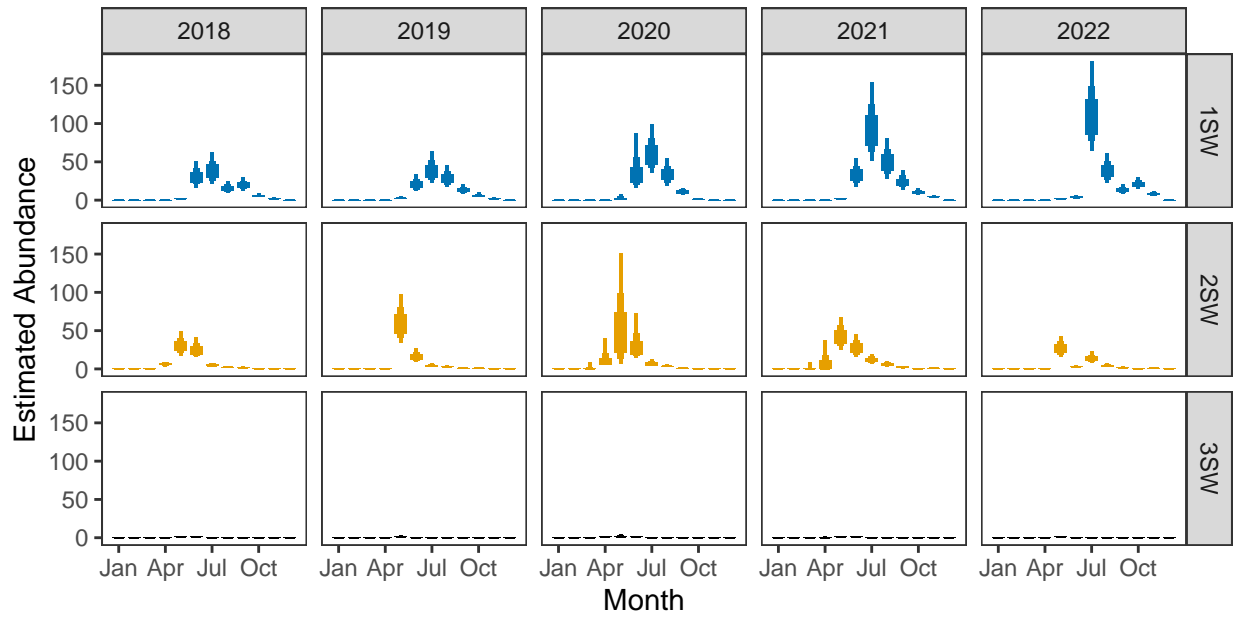
Annual catch as a proportion of stock

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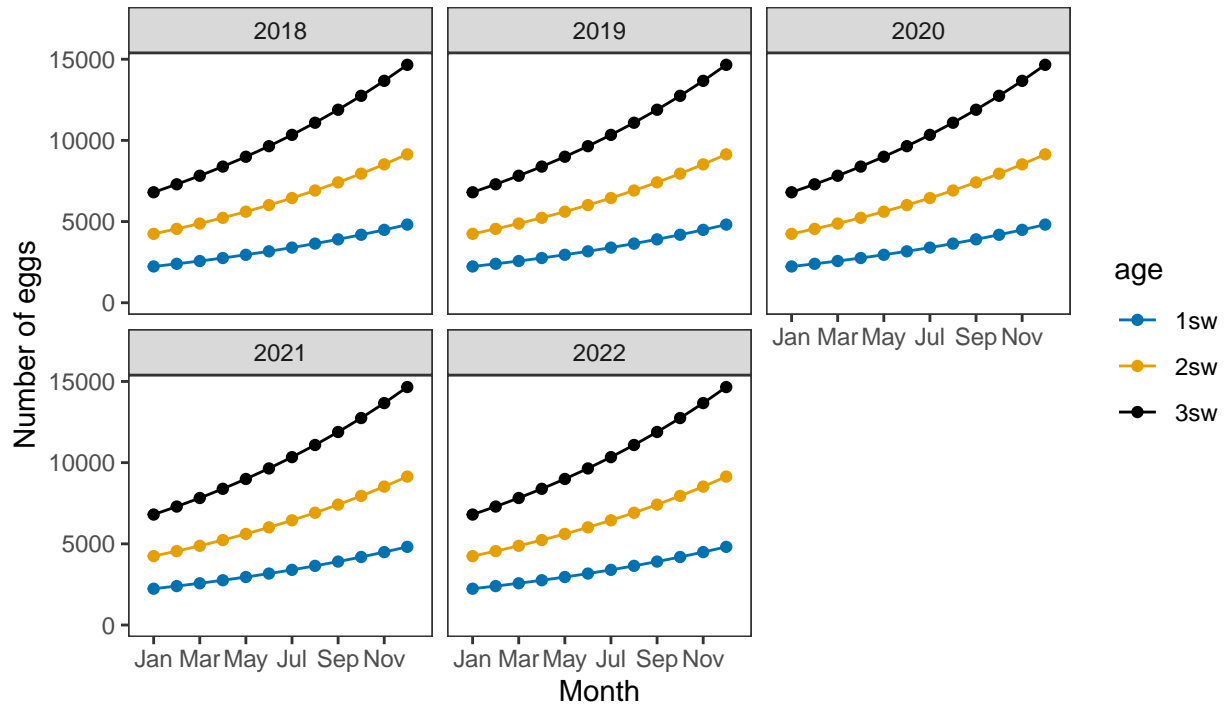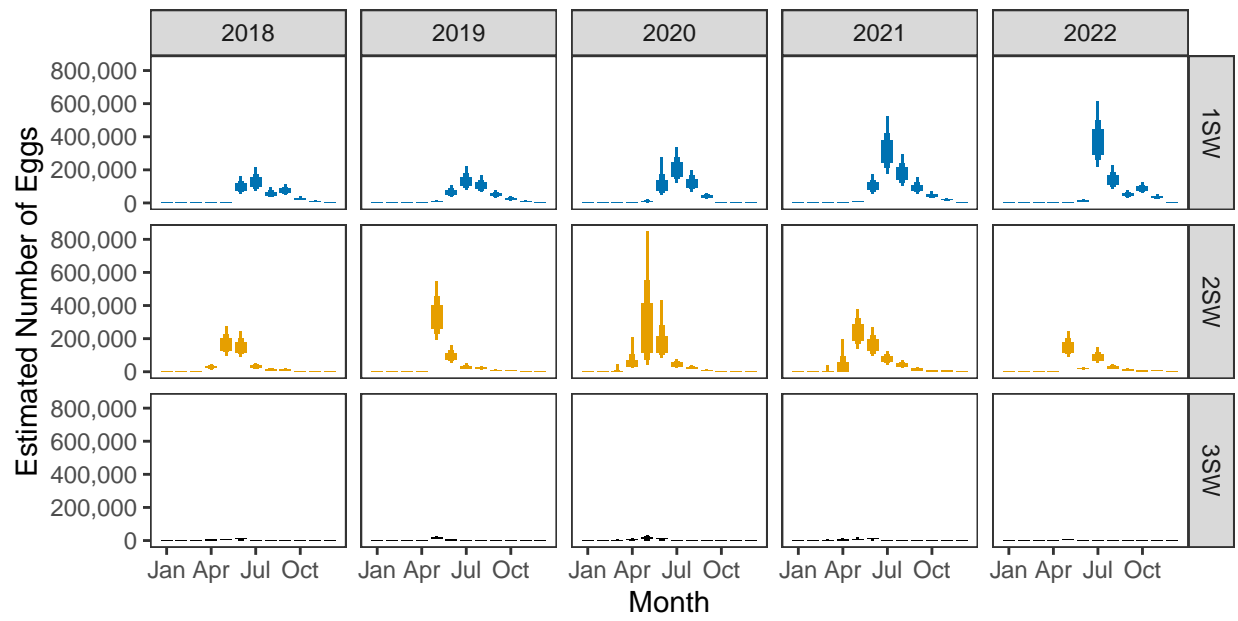
Ages of fish

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
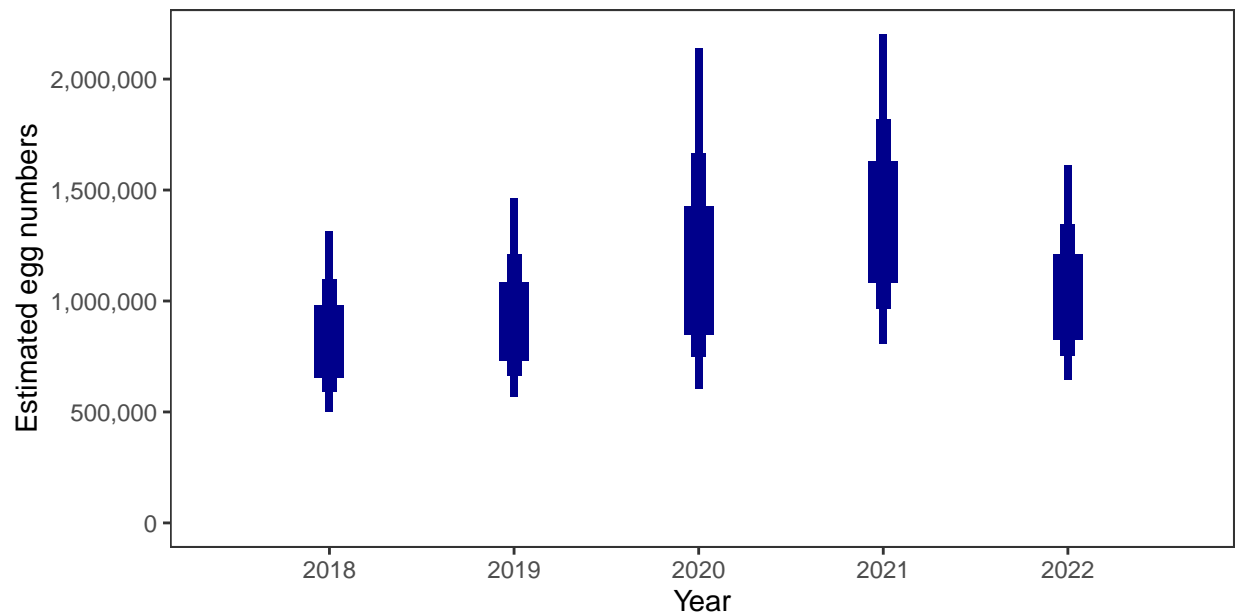
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

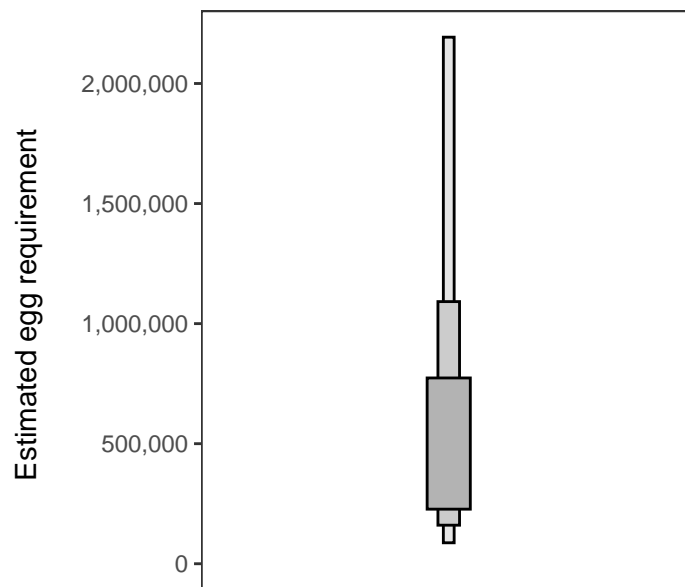Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	74.79
2019	78.04
2020	82.79
2021	87.63
2022	81.61

4. Egg requirement

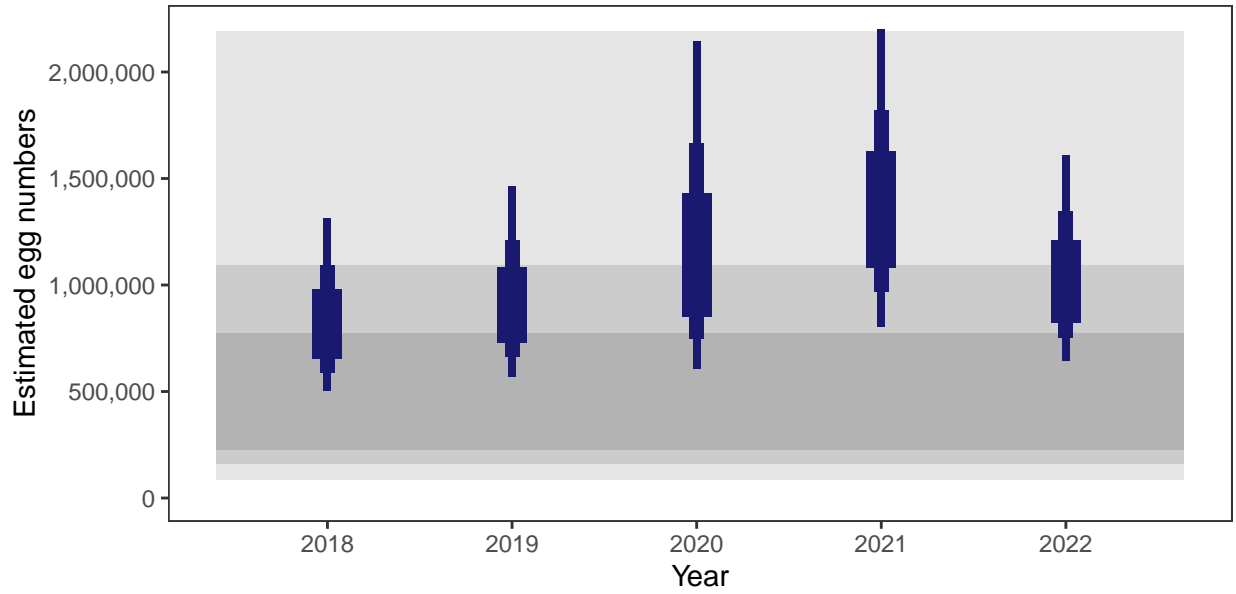### *Areas of salmon habitat in square meters*

There is an estimated 196,512 square meters of known salmon habitat in the River Broom and a further 2,276 square meters where salmon may be present.
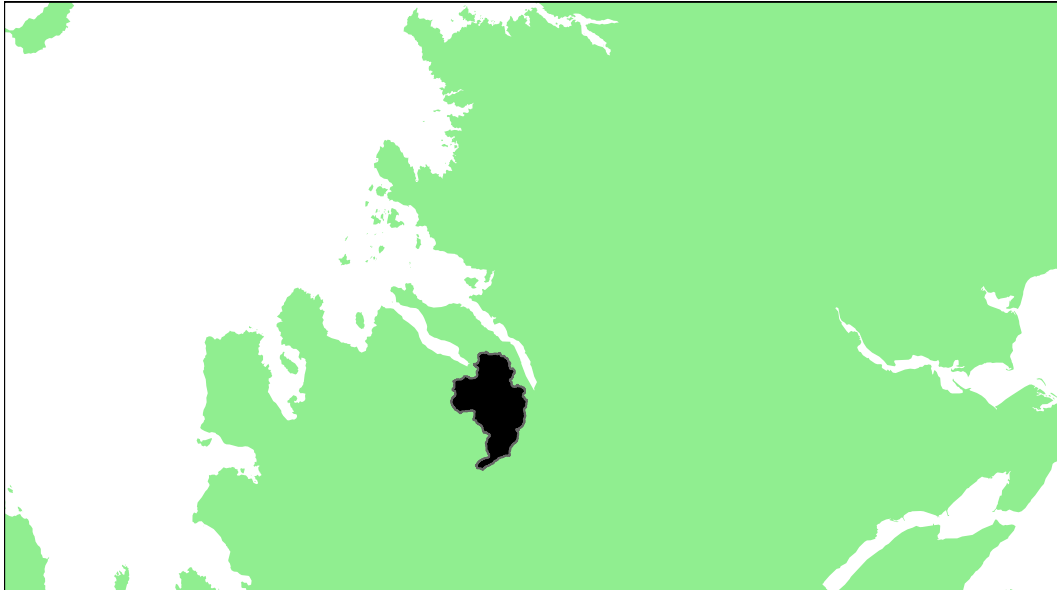
Egg requirement

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)
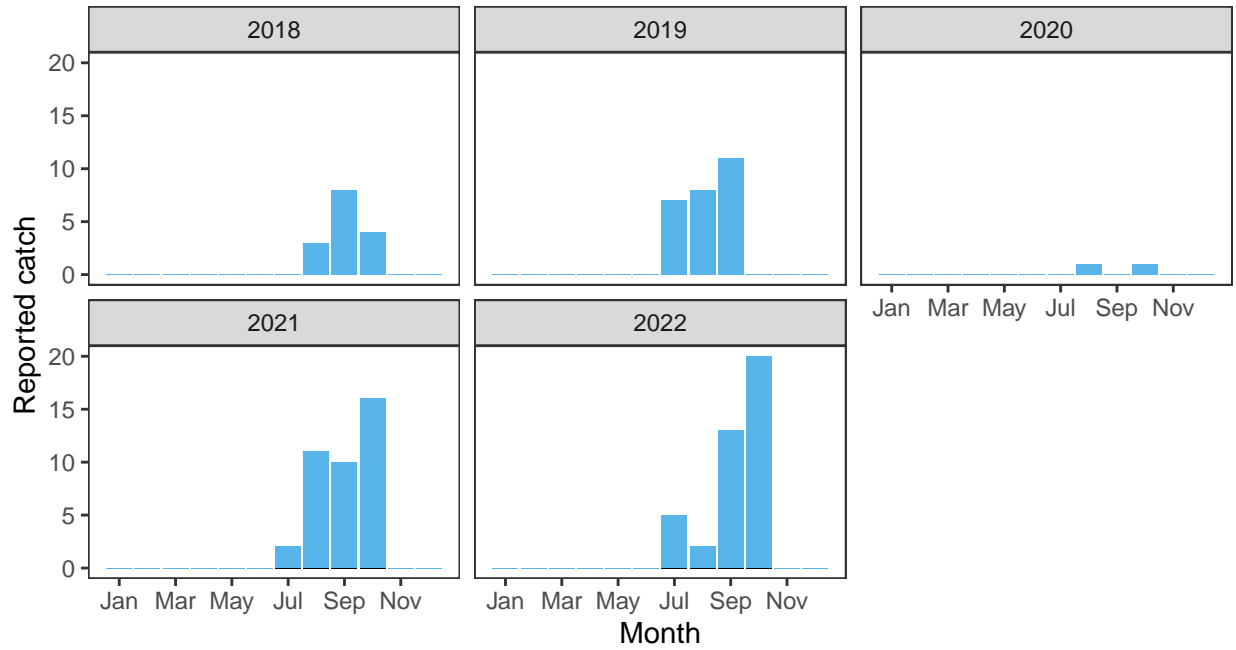
Dundonnel River: Grade 3

Summary Table

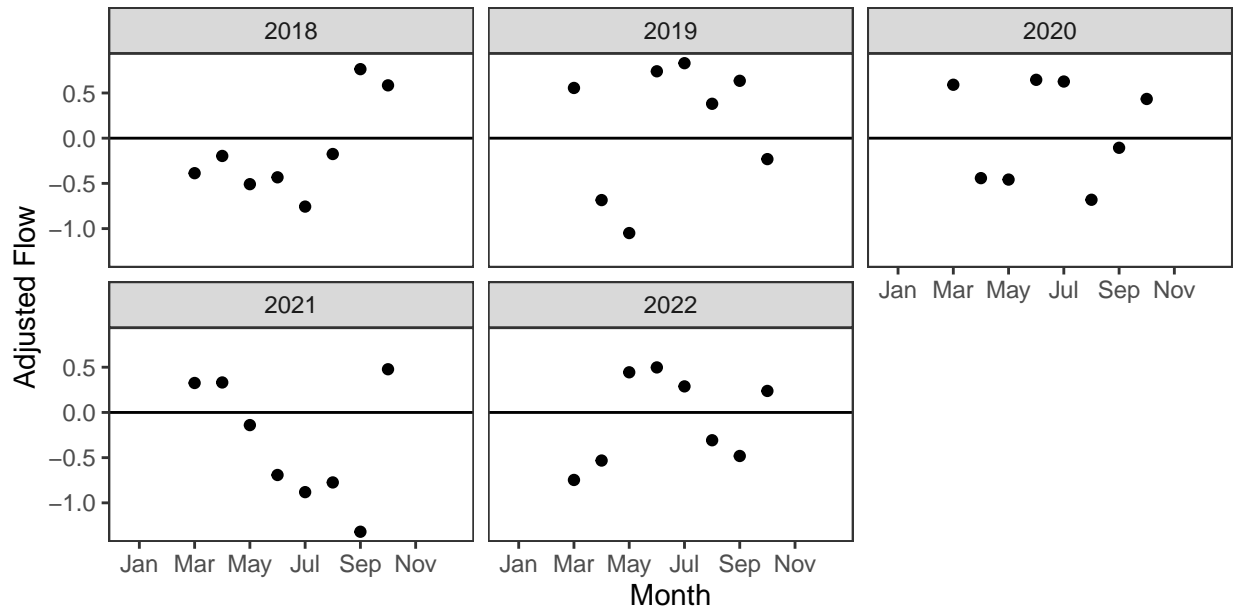| Eggs required (m²)ᵃ	Area (m²)ᵃ	Total egg requirementᵃ	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
2.44	91,000	223,000	24.18	58.19	6.36	76.77	68.9	0.4688	3

ᵃ Figures presented are median values

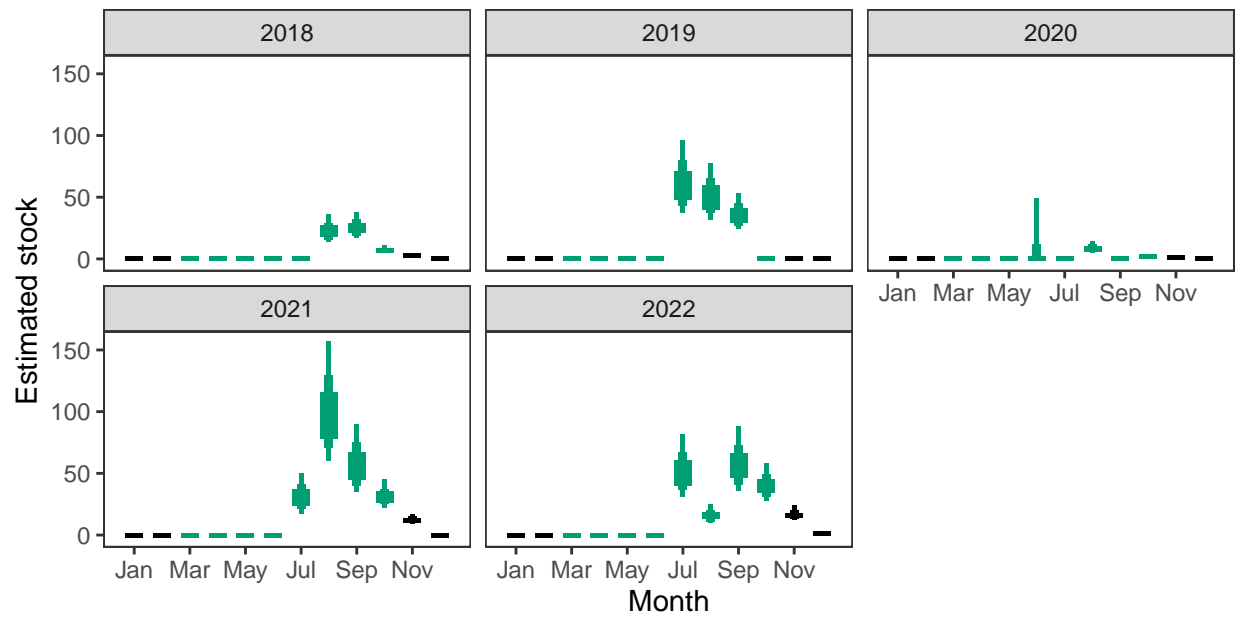# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
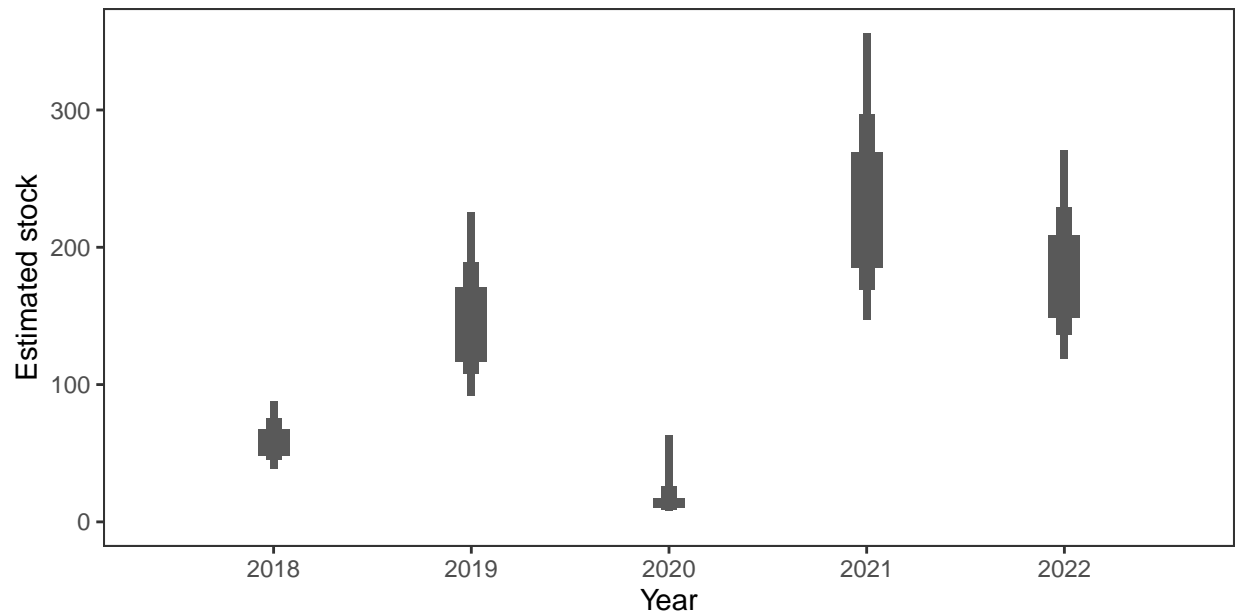

Monthly flow data
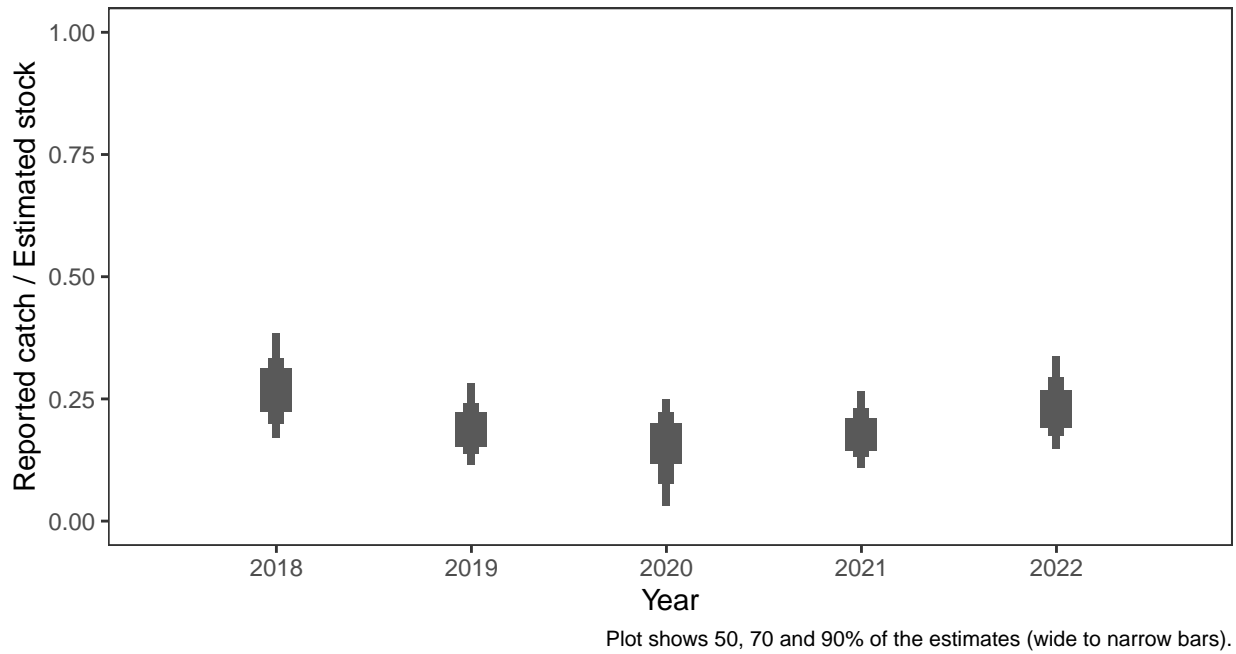
Monthly stock estimates (out of season in black)

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

Annual estimated stock

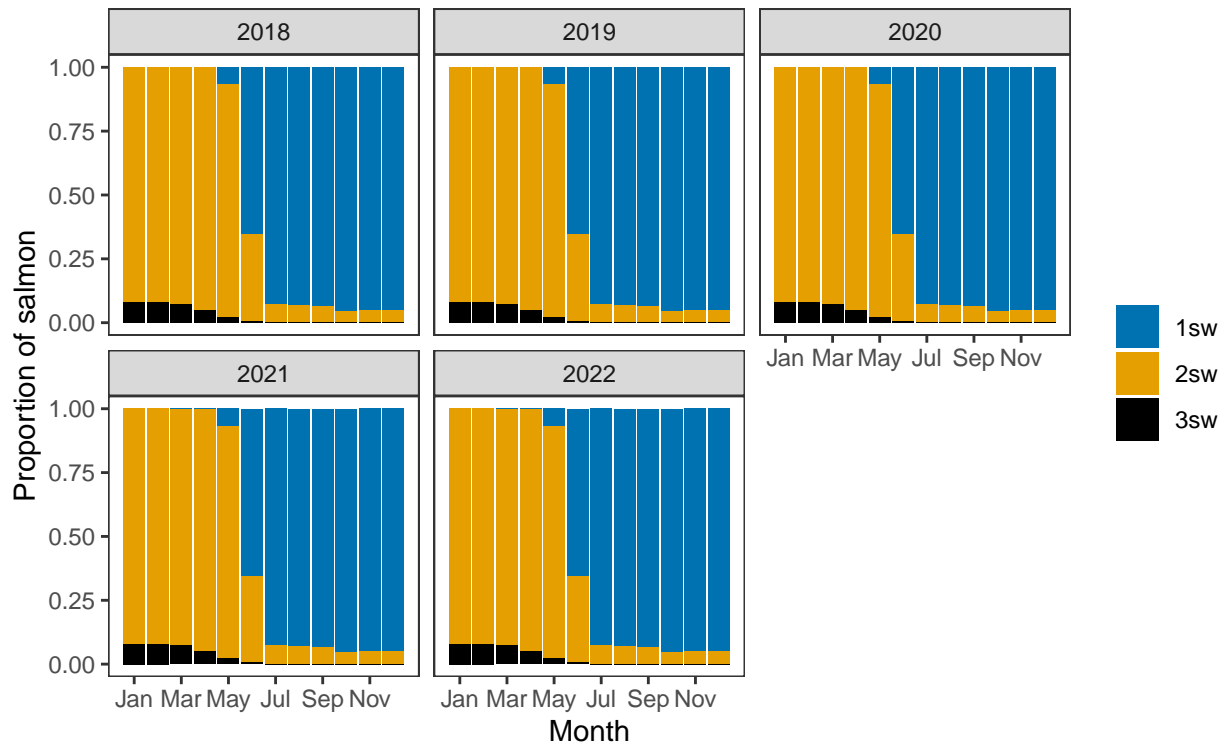Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
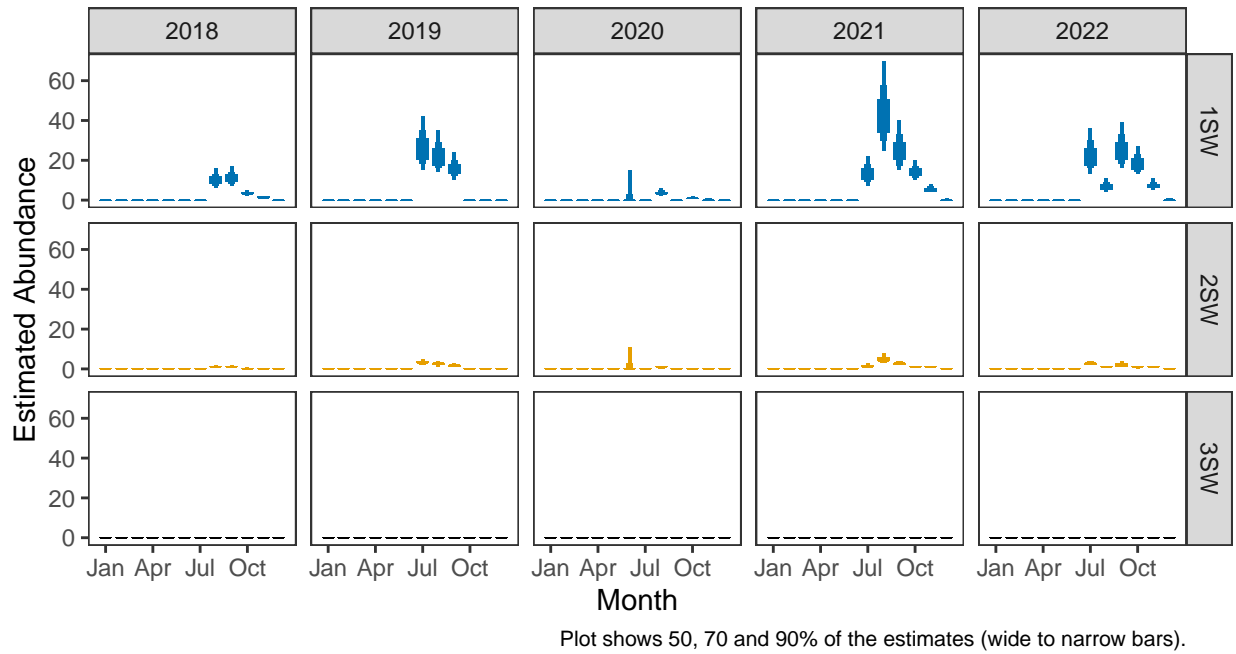
Annual catch as a proportion of stock

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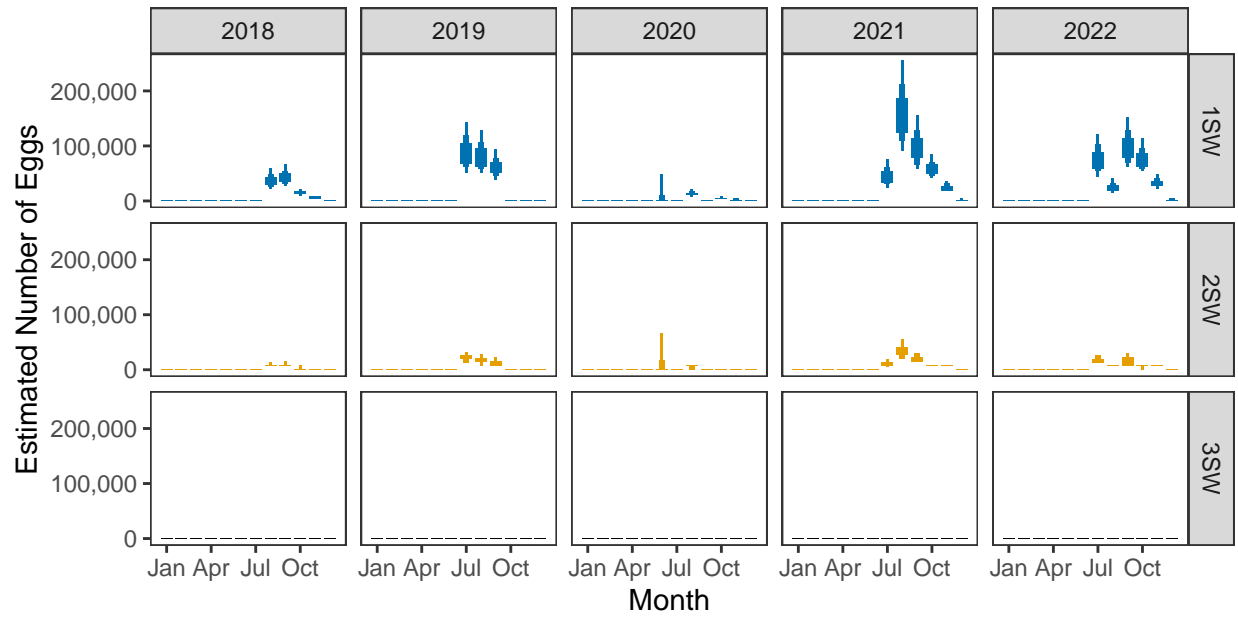
3. Converting Number of Spawners to Number of Eggs
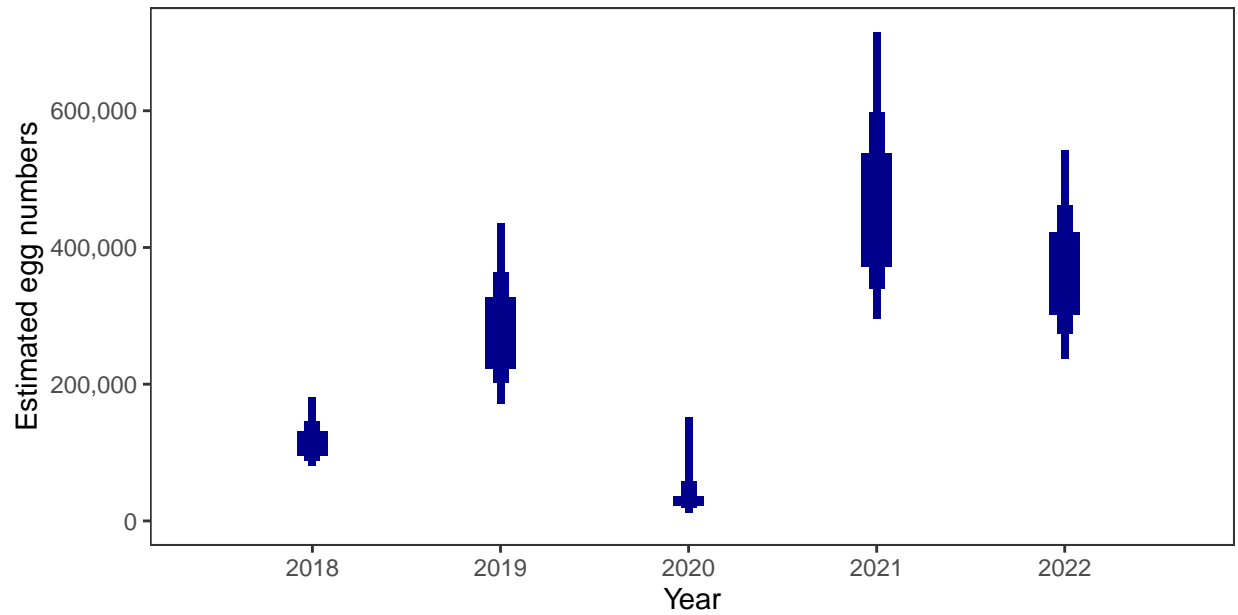
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

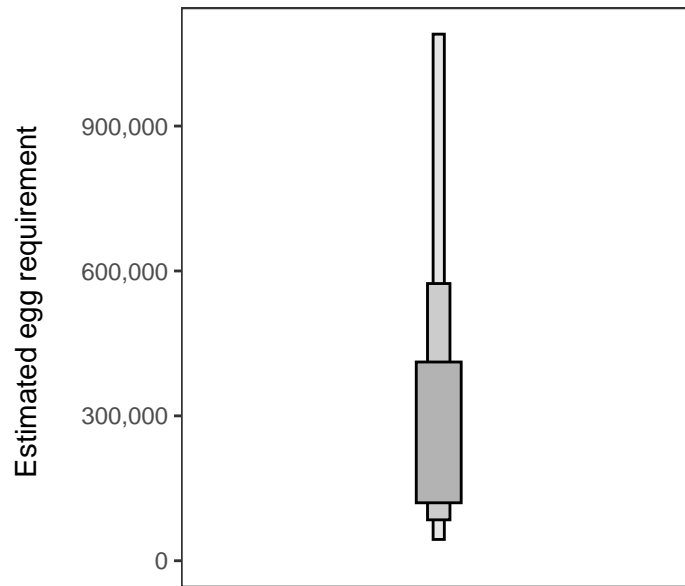Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	24.18
2019	58.19
2020	6.36
2021	76.77
2022	68.90

4. Egg requirement
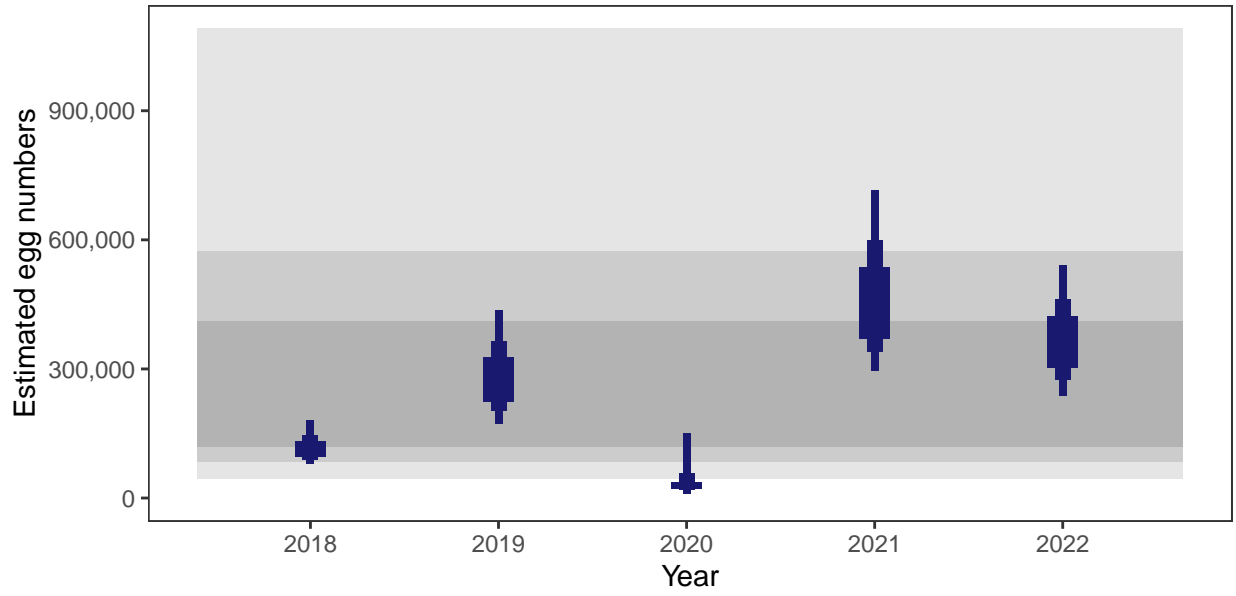
Areas of salmon habitat in square meters

There is an estimated 93,271 square meters of known salmon habitat in the Dundonnel River and a further 20,818 square meters where salmon may be present.
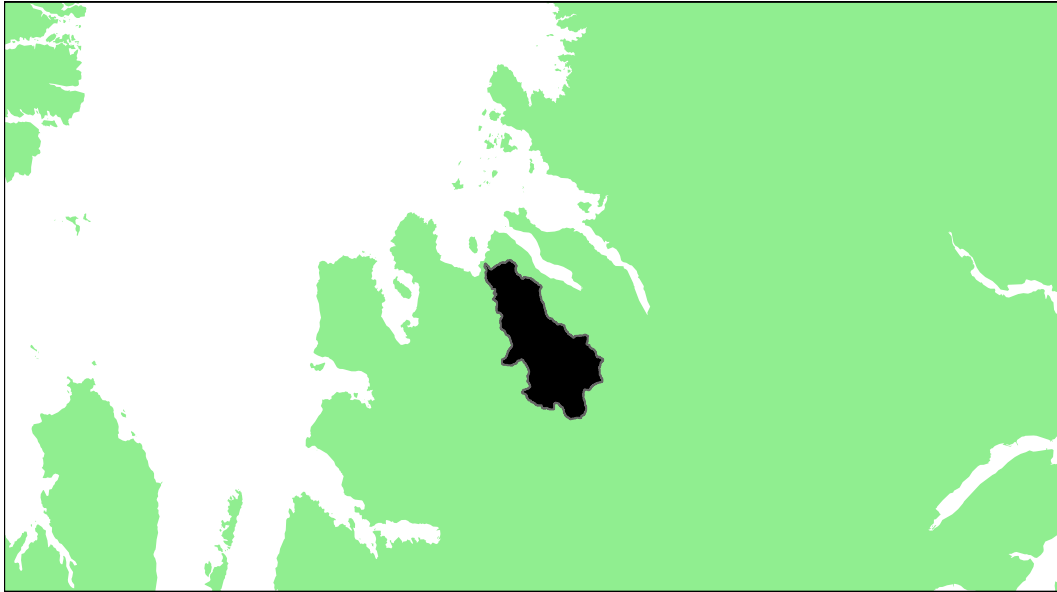
Egg requirement

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)
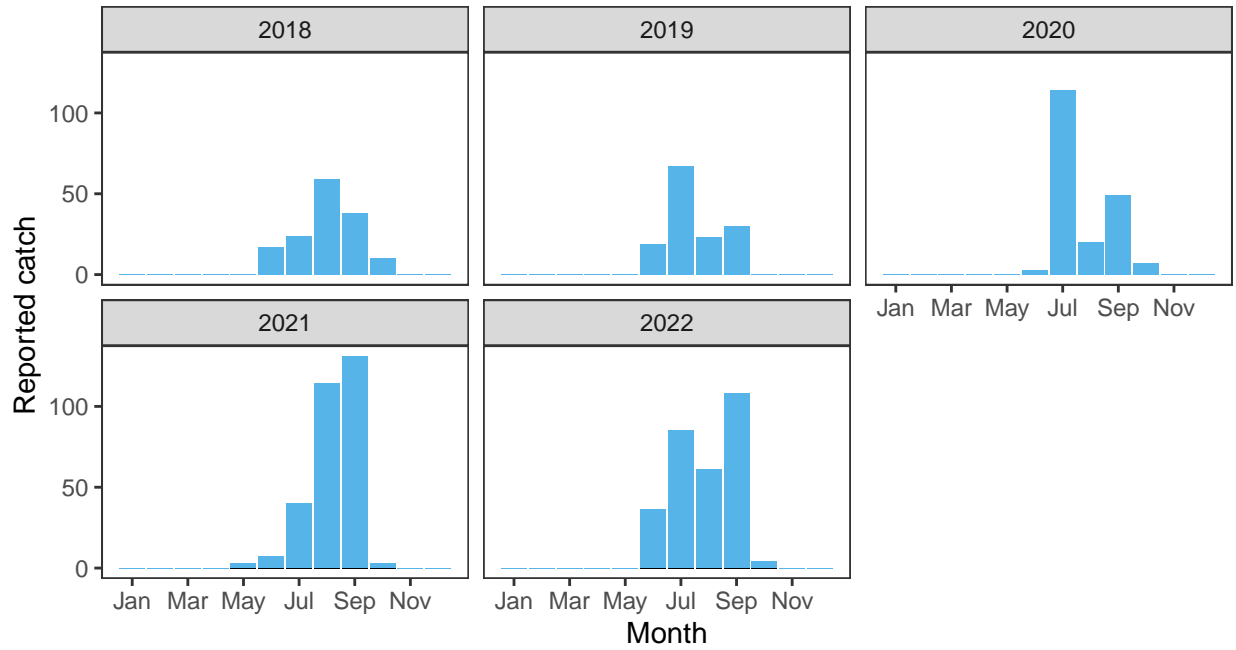
Gruinard River: Grade 1

Summary Table

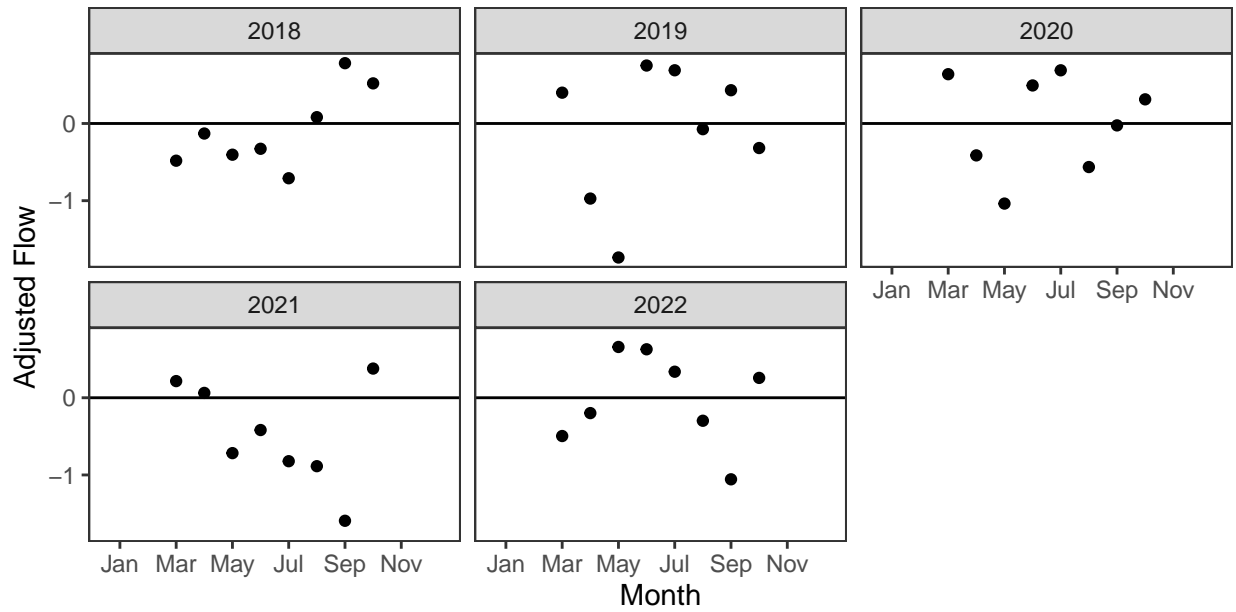| Eggs required (m²)ᵃ	Area (m²)ᵃ	Total egg requirementᵃ	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
2.54	424,000	1,080,000	77.1	74.19	81.23	93.58	91.93	0.83606	1

ᵃ Figures presented are median values

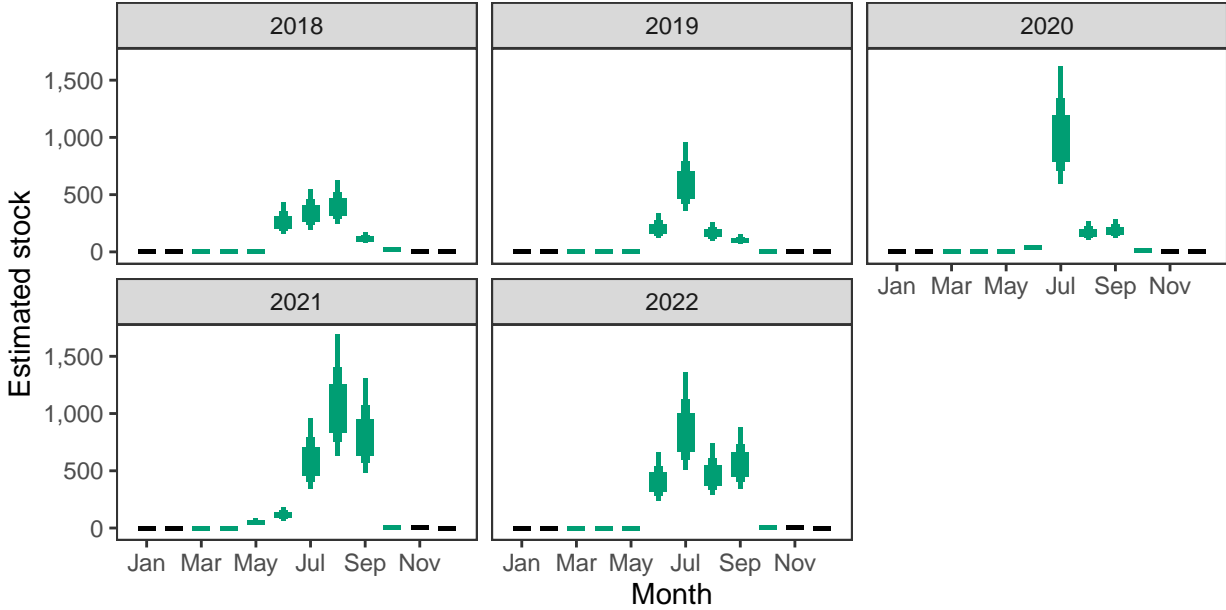# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
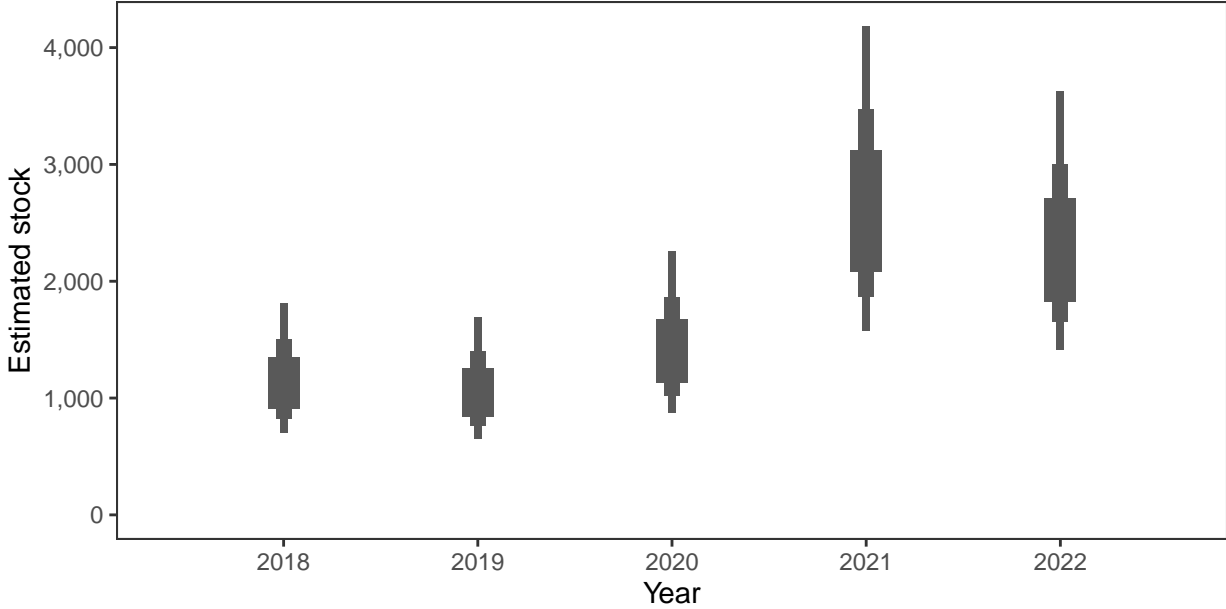

Monthly flow data

Monthly stock estimates (out of season in black)
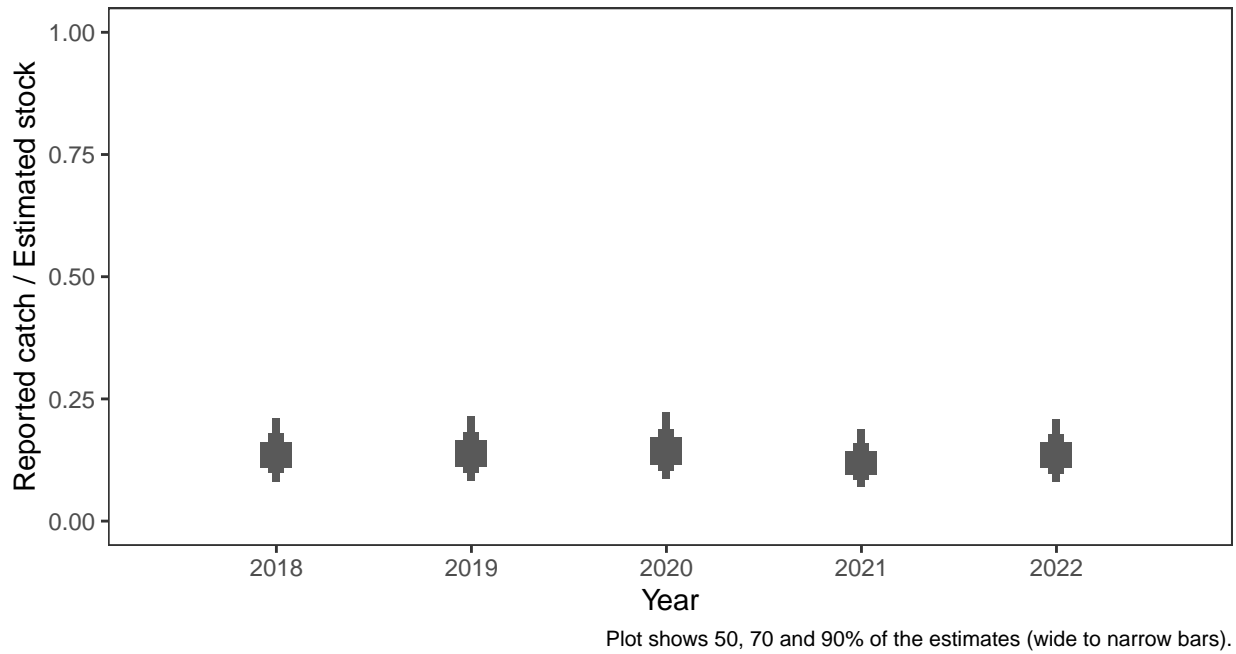

Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual estimated stock

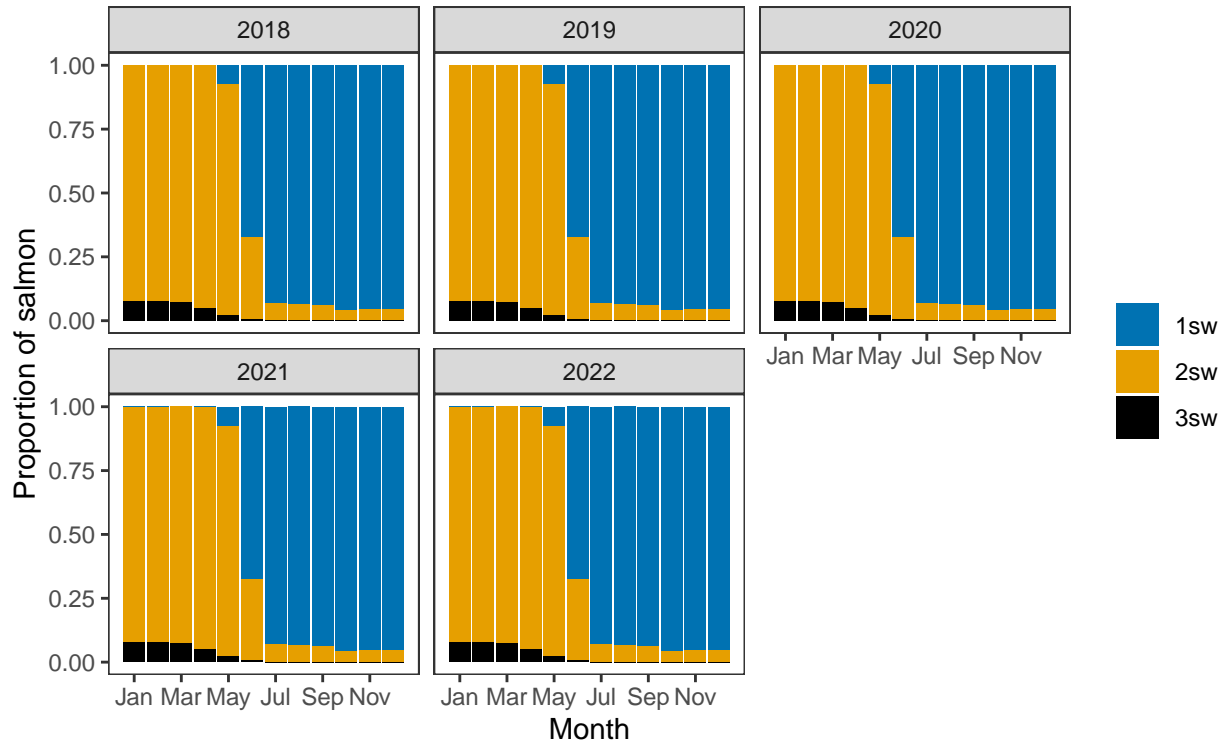Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).
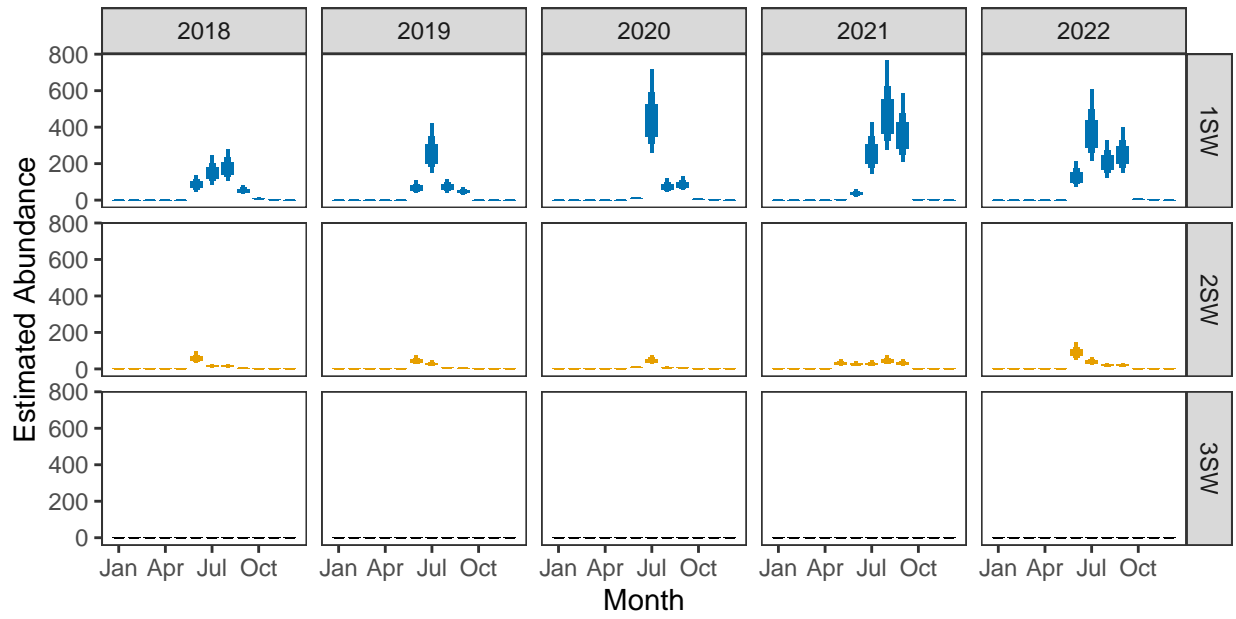
Annual catch as a proportion of stock

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

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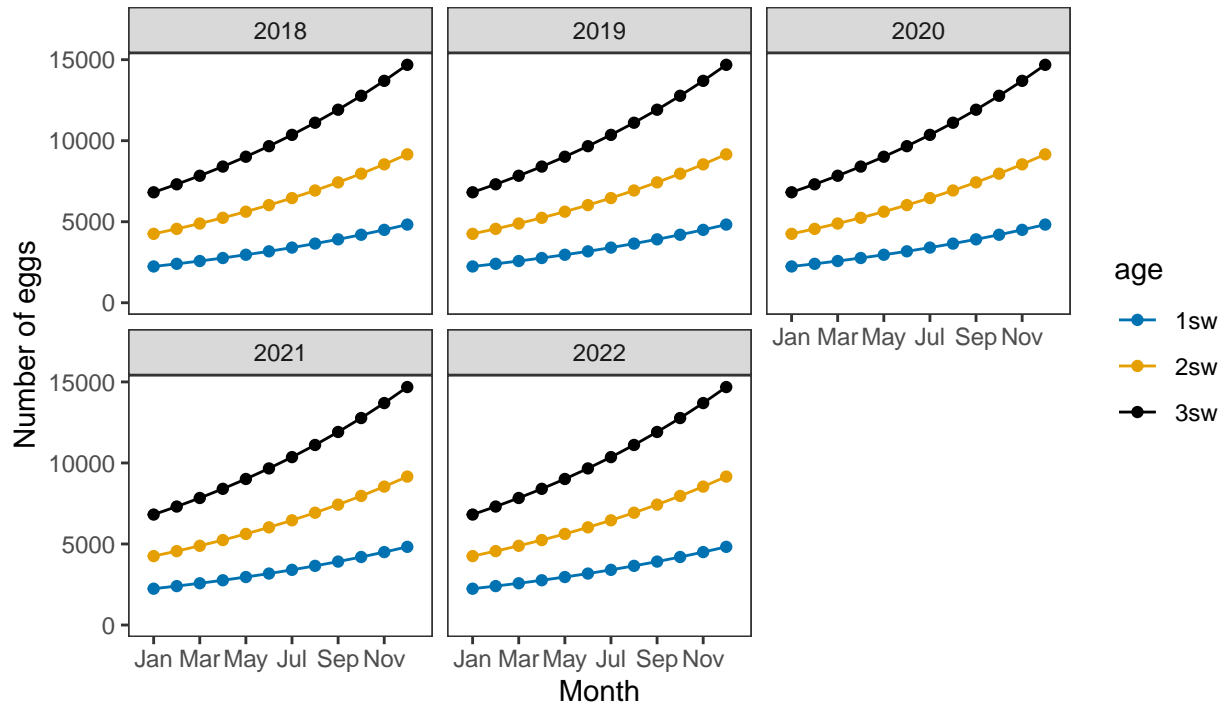
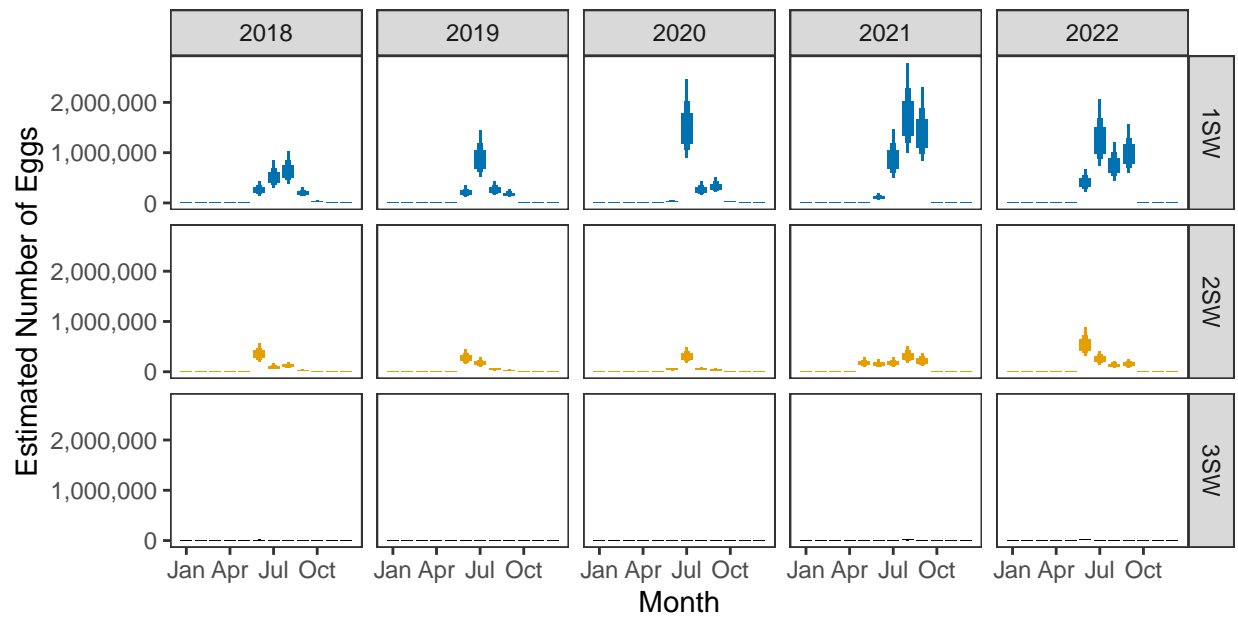*Ages of fish*

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
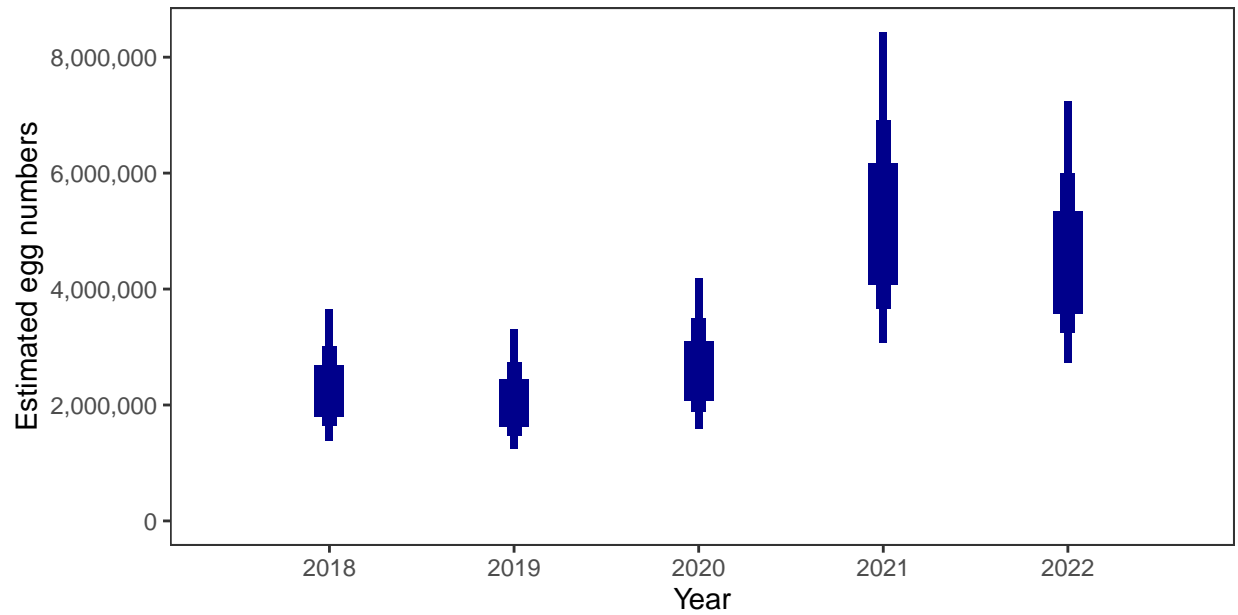
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

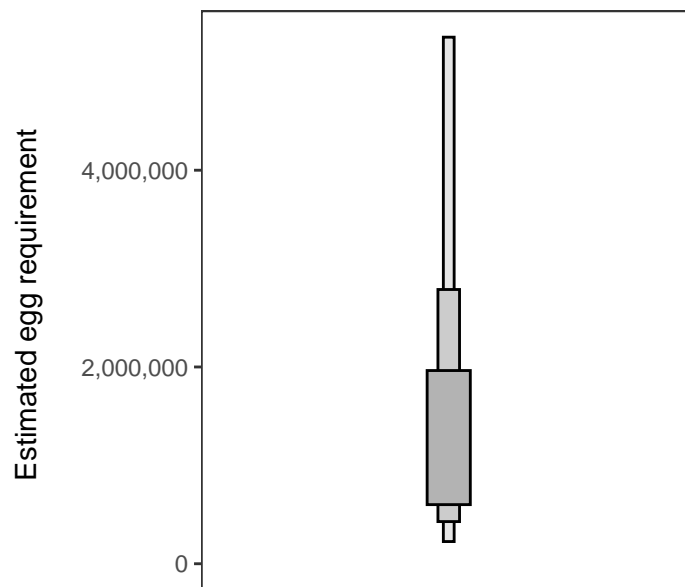Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	77.10
2019	74.19
2020	81.23
2021	93.58
2022	91.93

4. Egg requirement

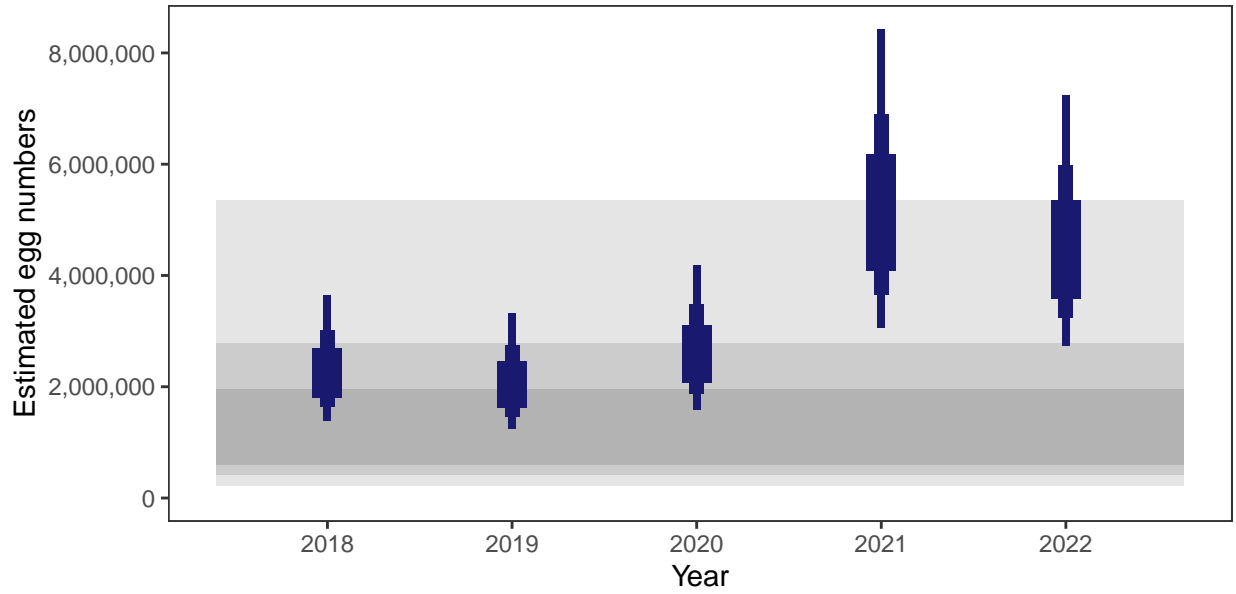### *Areas of salmon habitat in square meters*

There is an estimated 471,684 square meters of known salmon habitat in the Gruinard River and a further 20,276 square meters where salmon may be present.
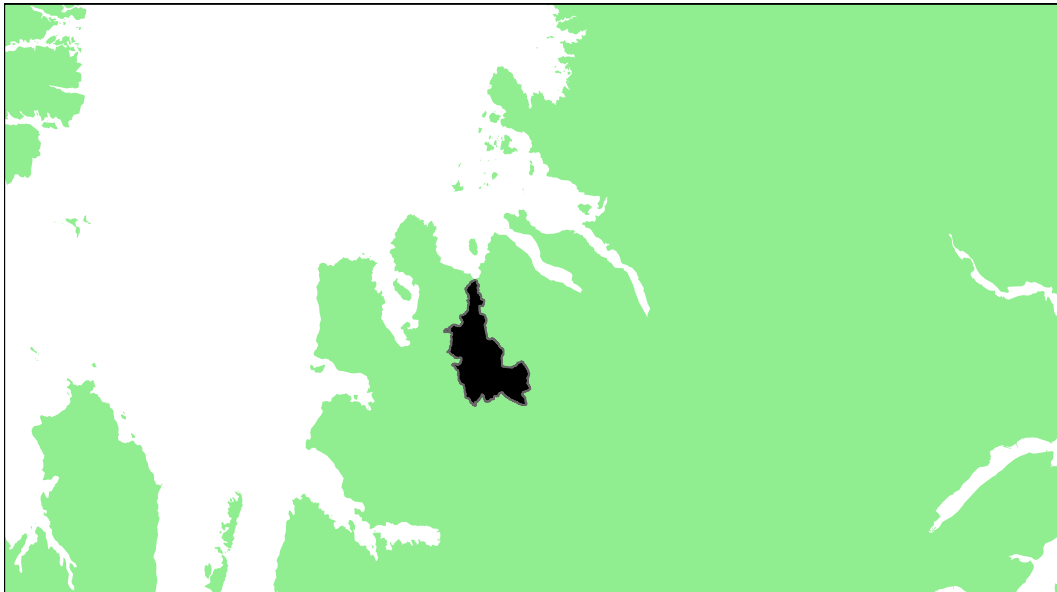
Egg requirement

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)
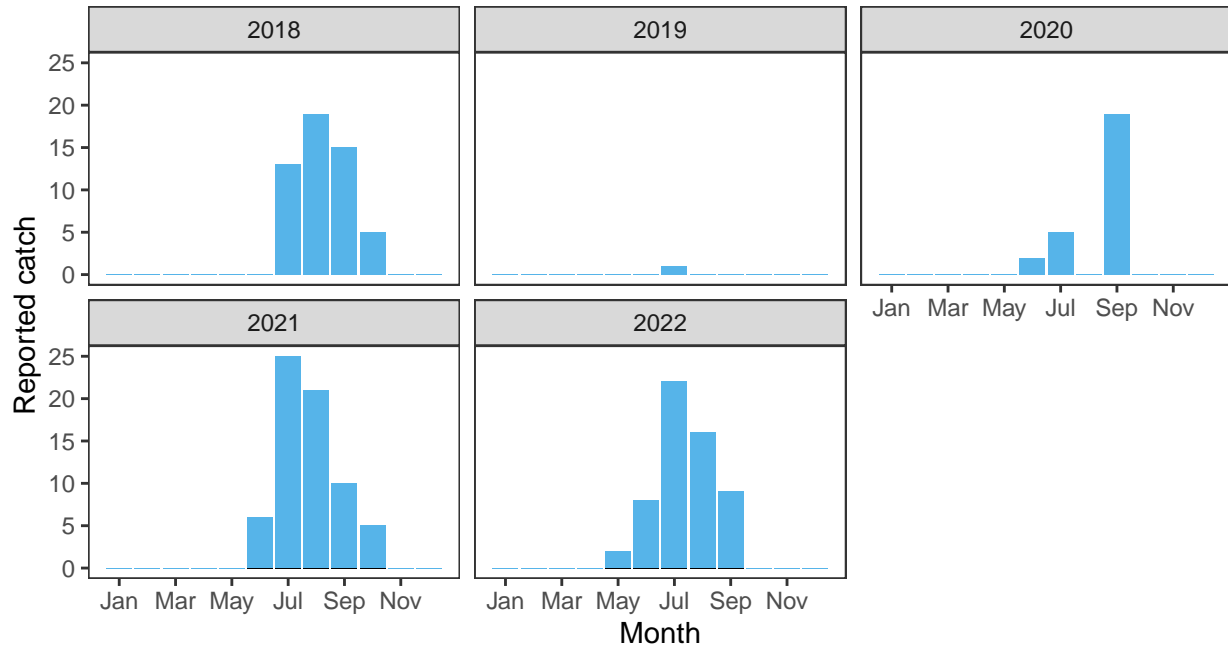
Little Gruinard River SAC: Grade 3

Summary Table

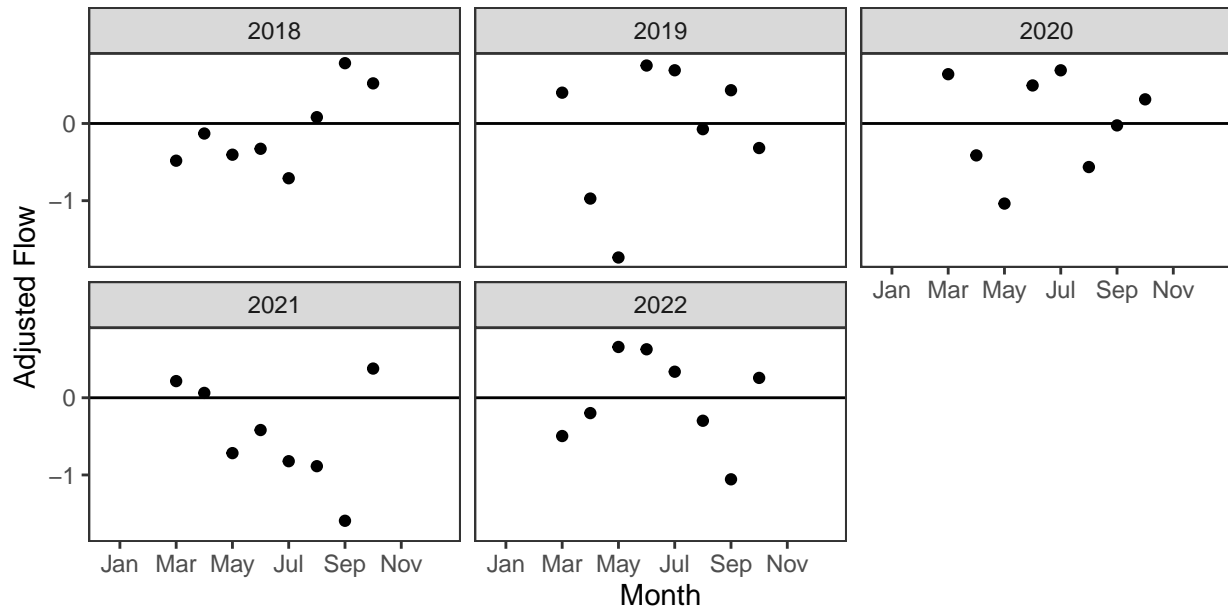| Eggs required $(m^2)^a$ | Area $(m^2)^a$ | Total egg requirement[a] | Percentage chance meeting requirement | | | | | | Grade |
			2018	2019	2020	2021	2022	Overall	
2.56	177,000	450,000	64.37	0.29	33.54	86.25	78.33	0.52556	3

[a] Figures presented are median values

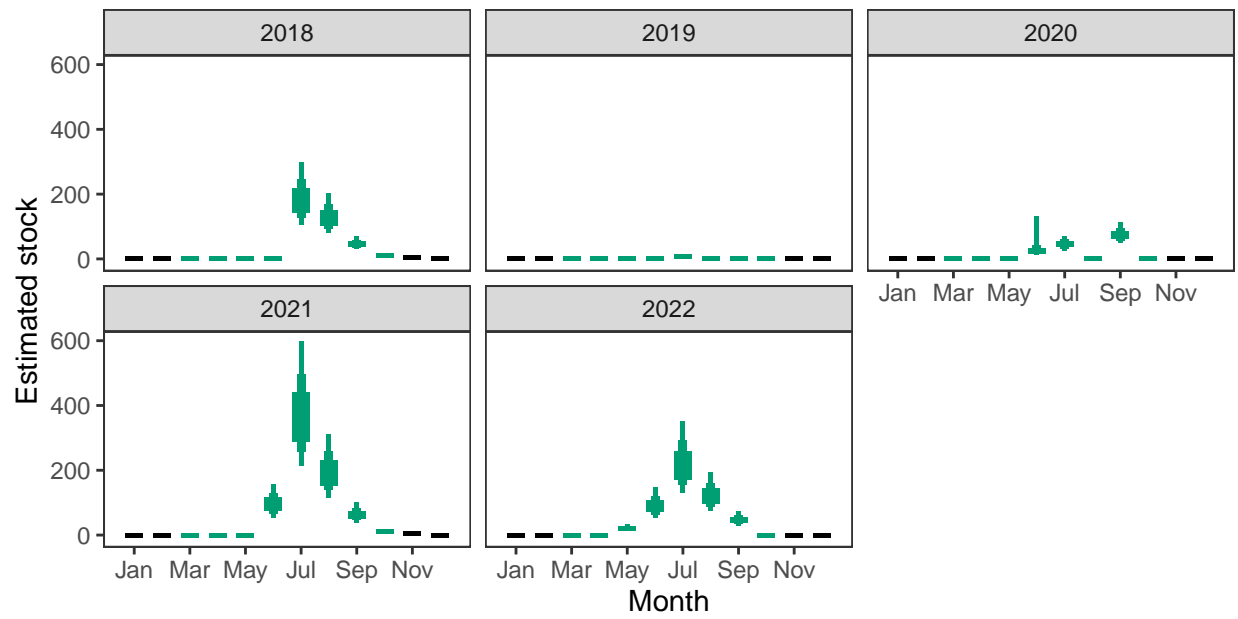# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
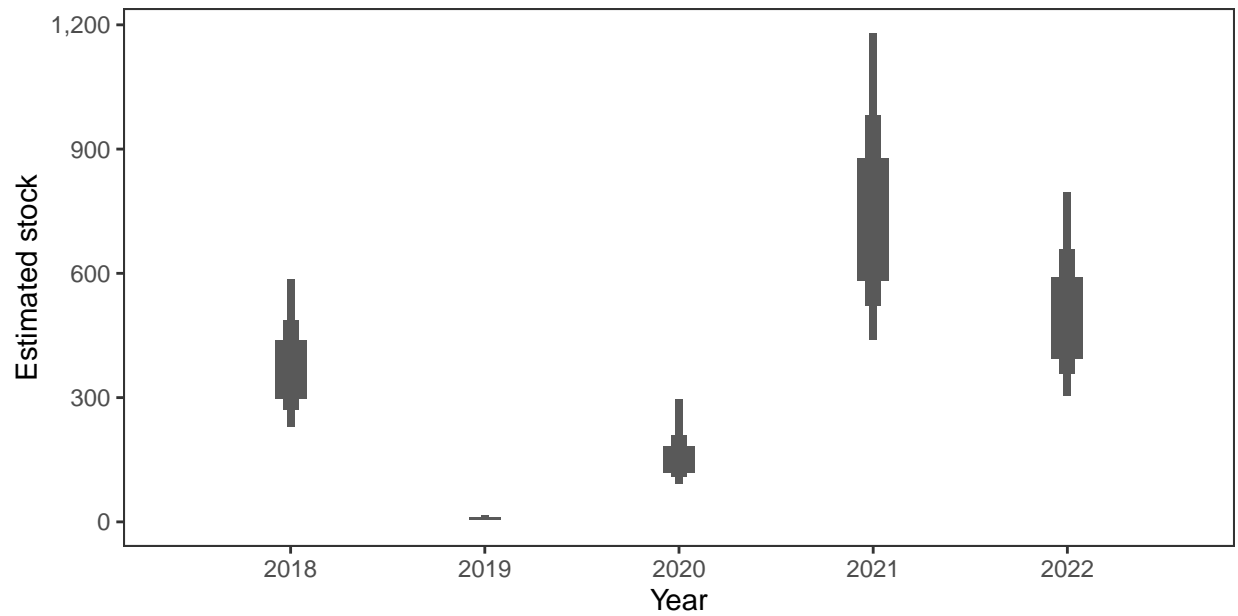

Monthly flow data
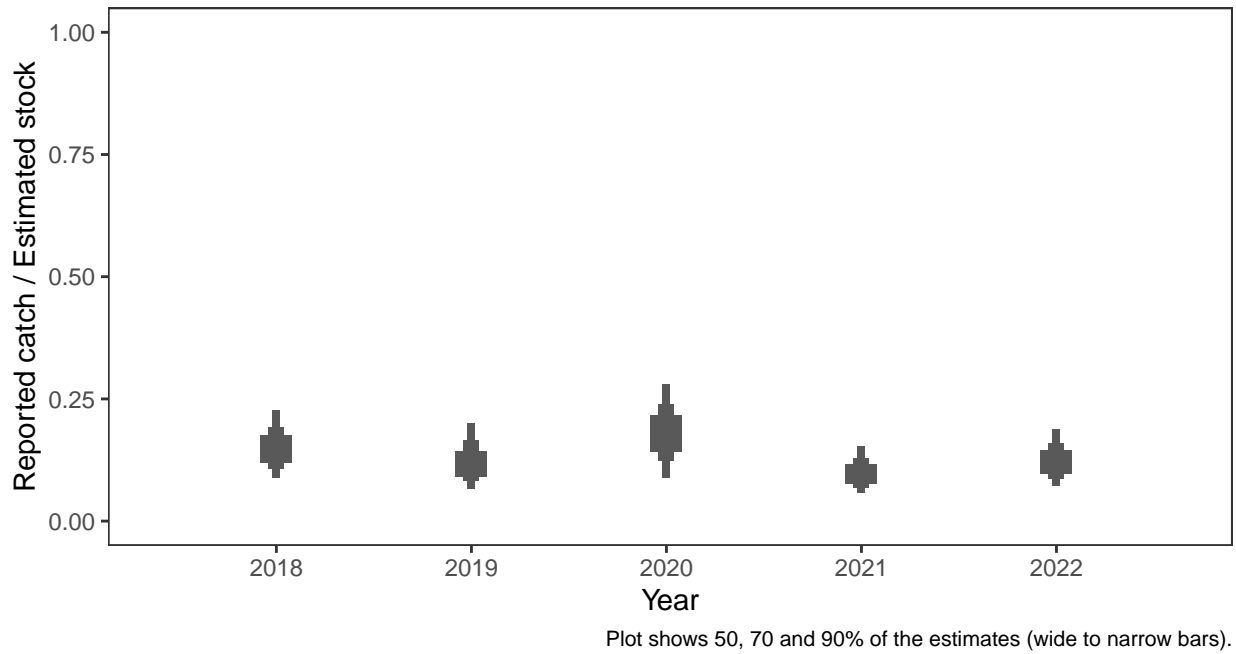
Monthly stock estimates (out of season in black)

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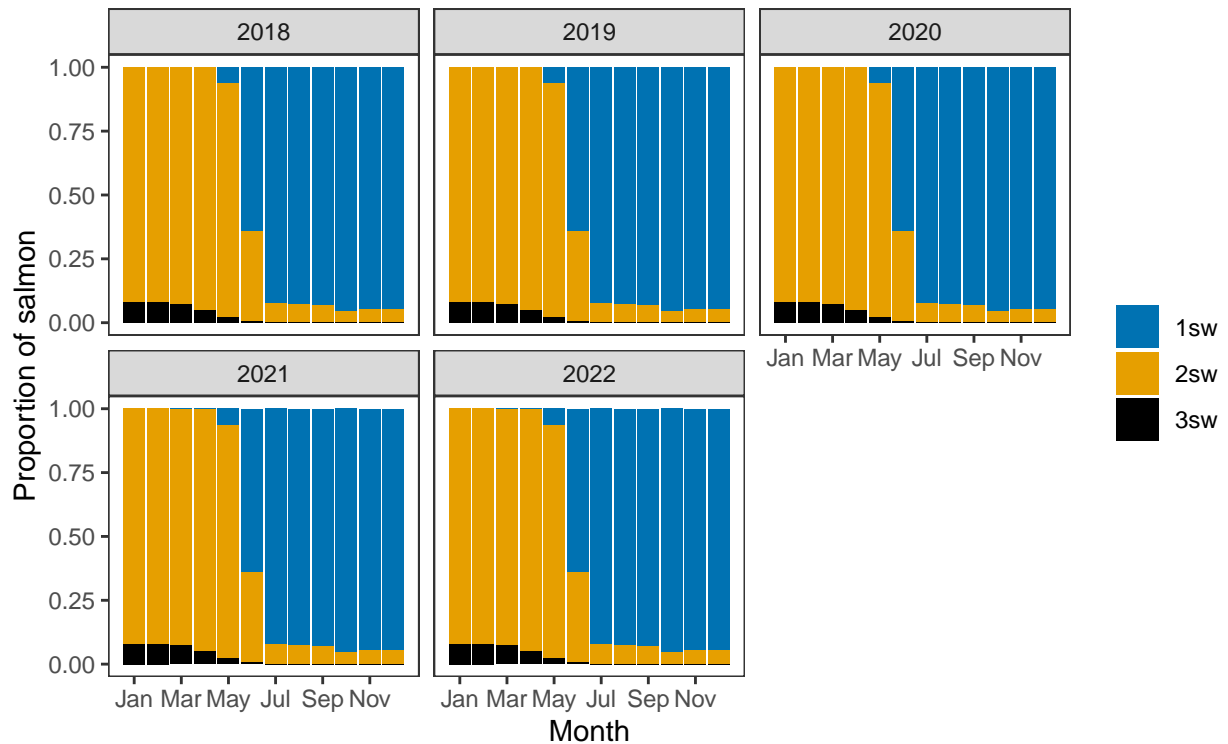
Annual estimated stock

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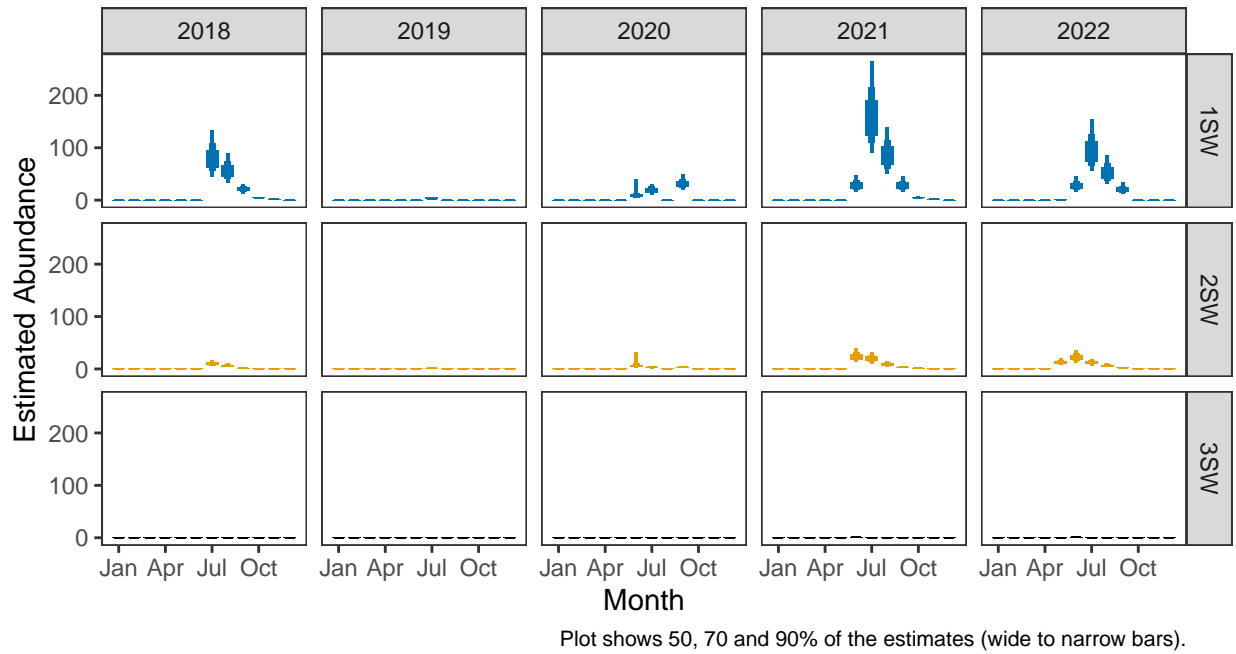
Annual catch as a proportion of stock

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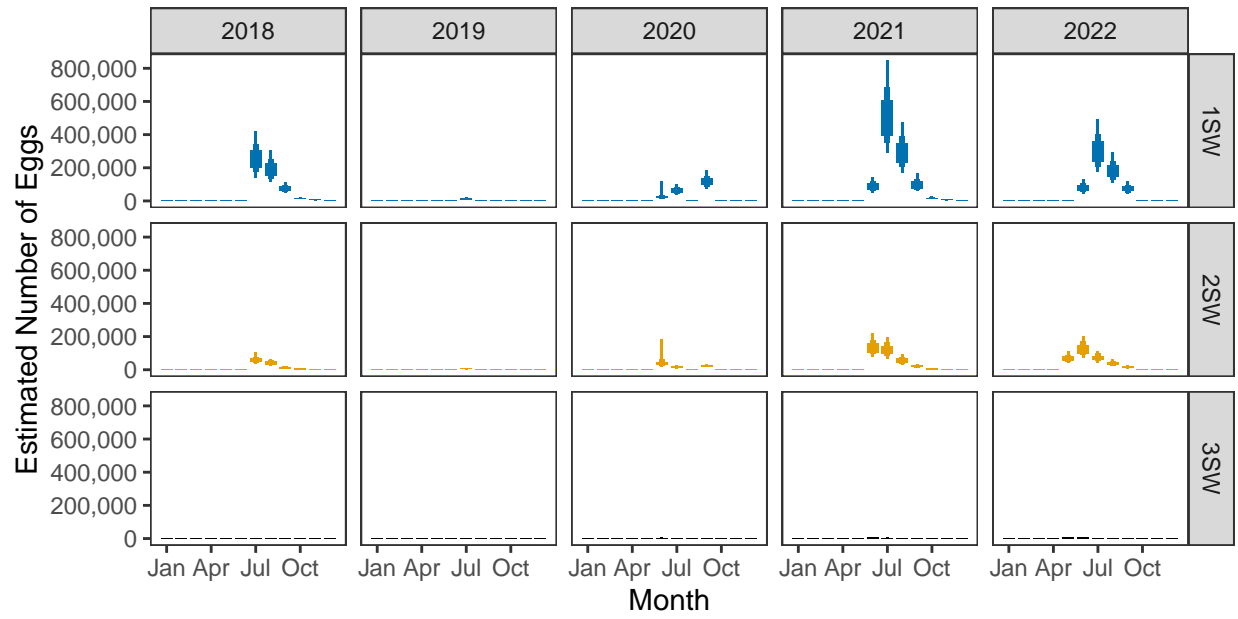
3. Converting Number of Spawners to Number of Eggs
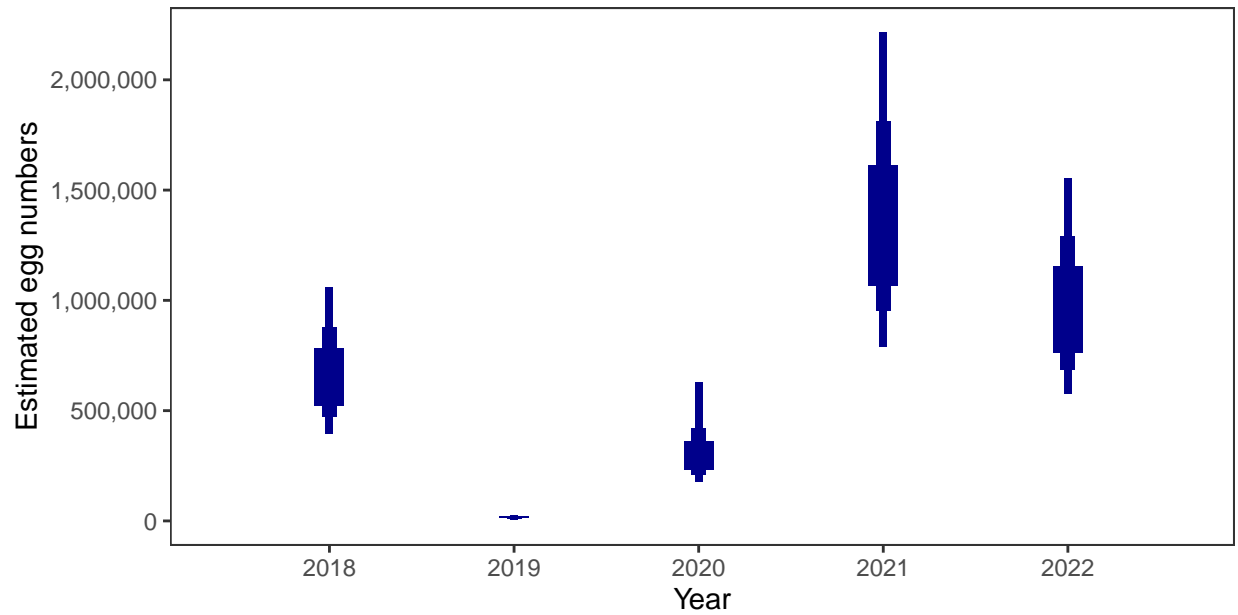
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

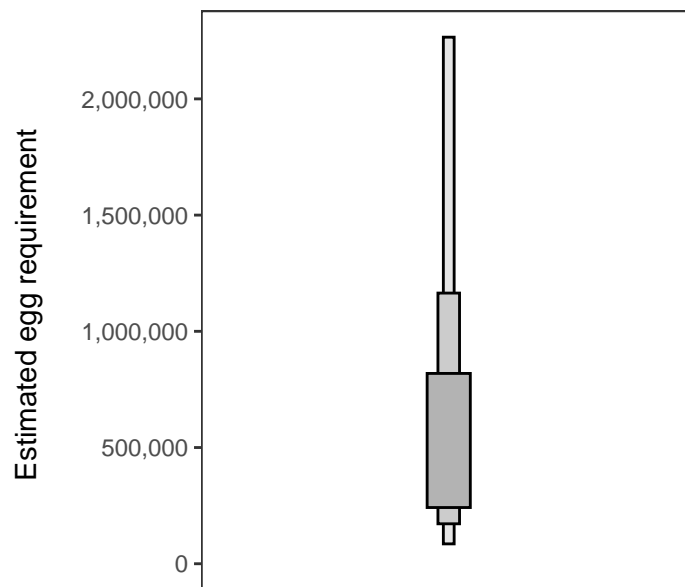Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	64.37
2019	0.29
2020	33.54
2021	86.25
2022	78.33

4. Egg requirement

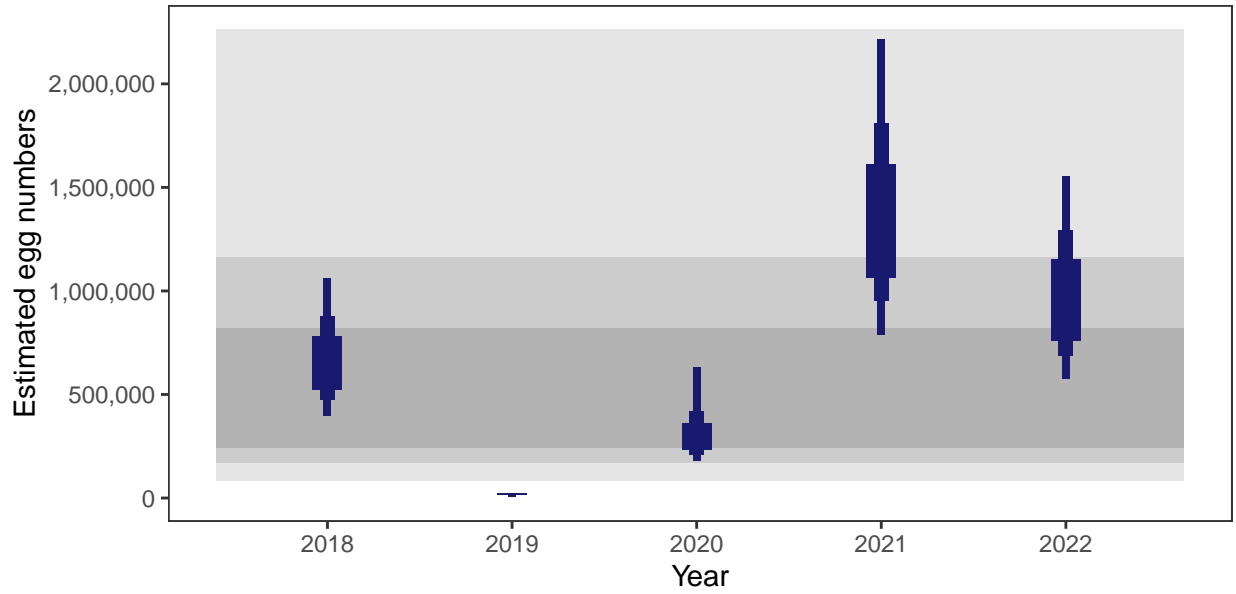### *Areas of salmon habitat in square meters*

There is an estimated 166,044 square meters of known salmon habitat in the Little Gruinard River SAC and a further 70,317 square meters where salmon may be present.
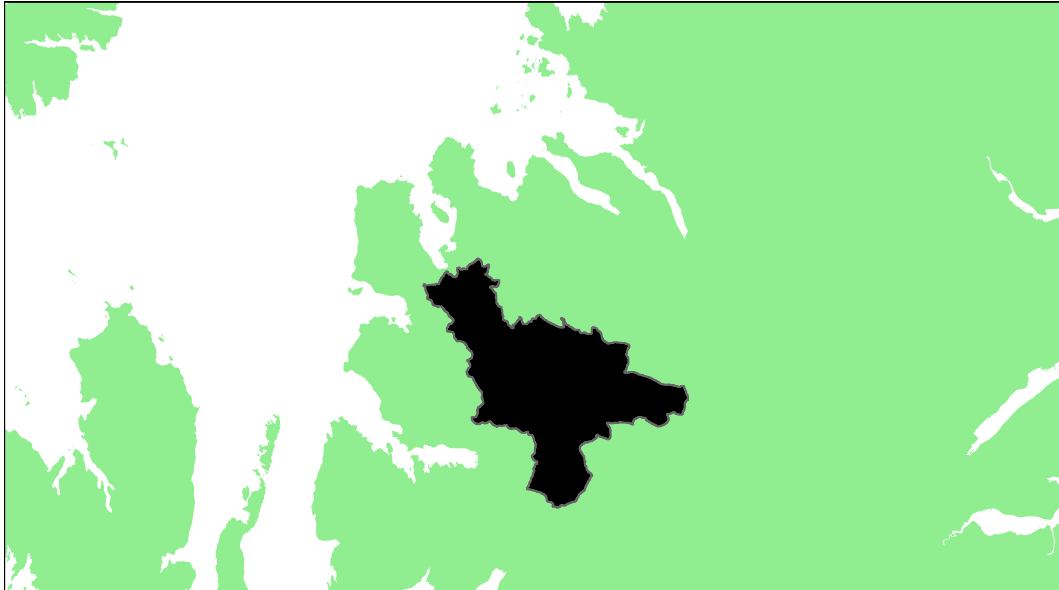
Egg requirement

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)
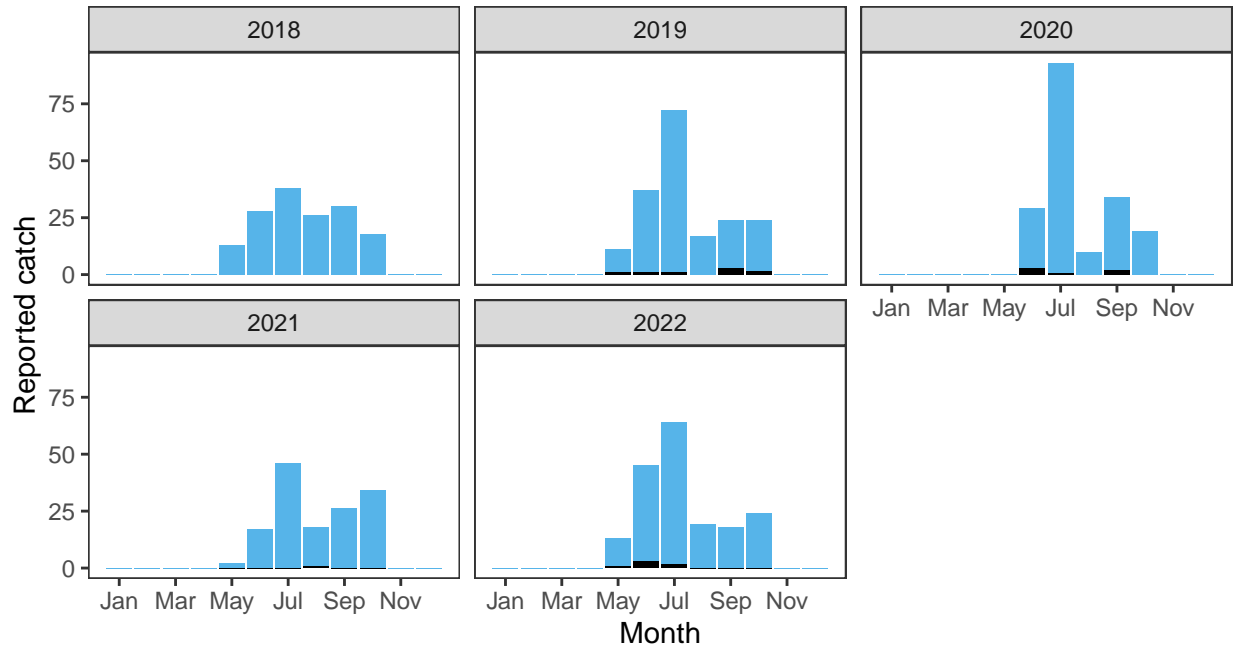
River Ewe: Grade 2

Summary Table

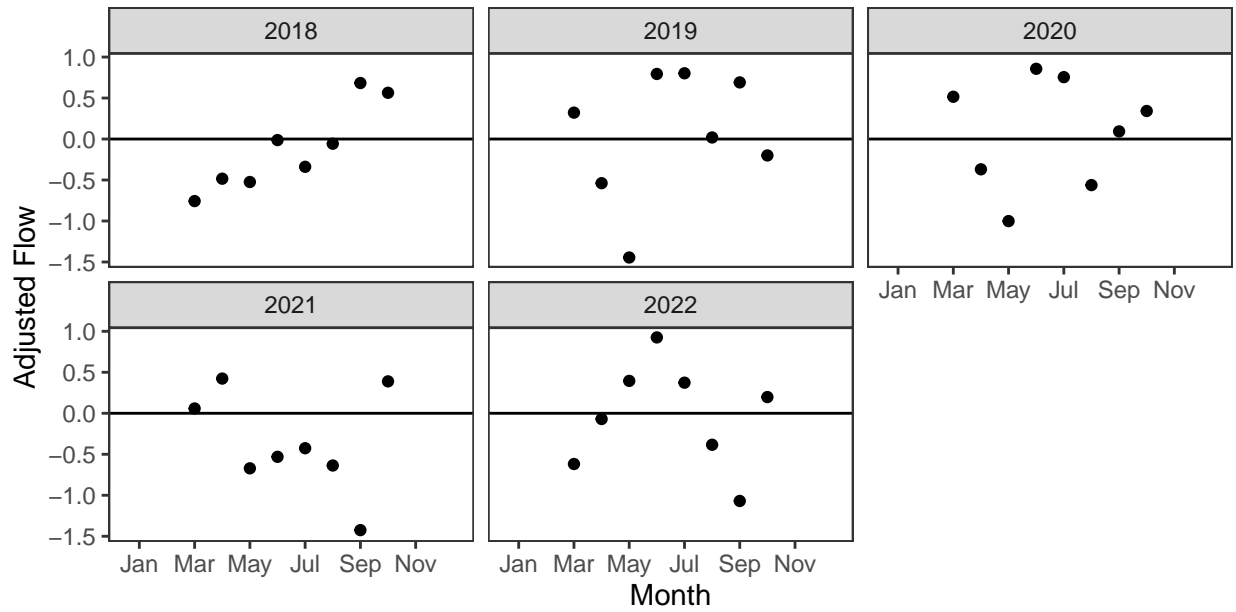| Eggs required (m²)[a]	Area (m²)[a]	Total egg requirement[a]	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
1.97	818,000	1,602,000	73.74	76.49	79.34	67.79	75.96	0.74664	2

[a] Figures presented are median values

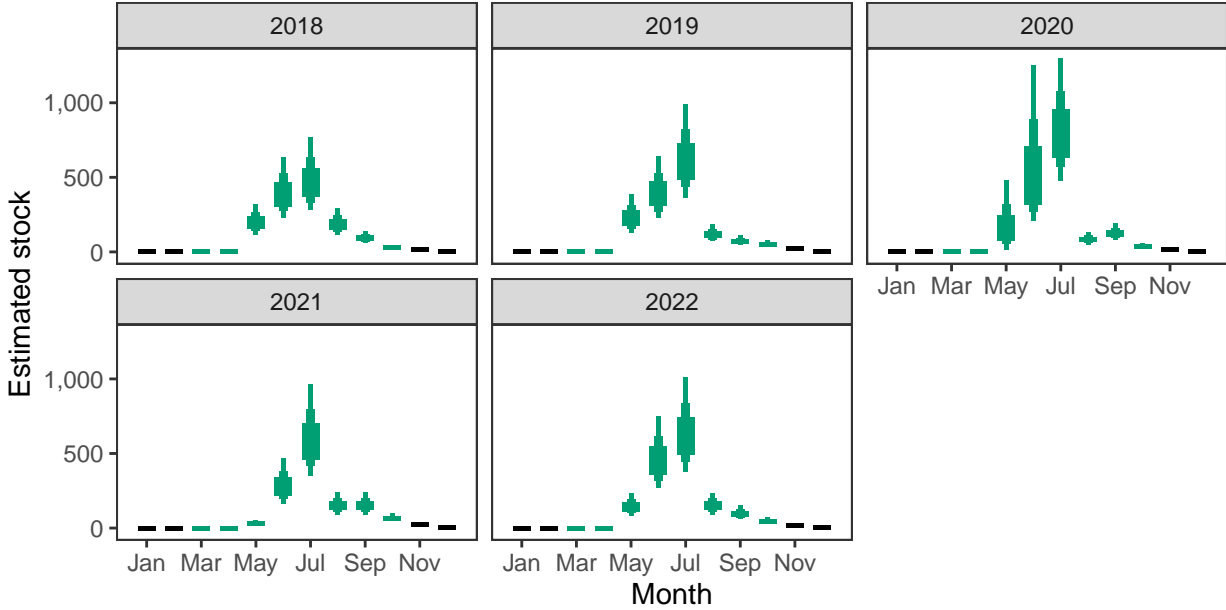# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
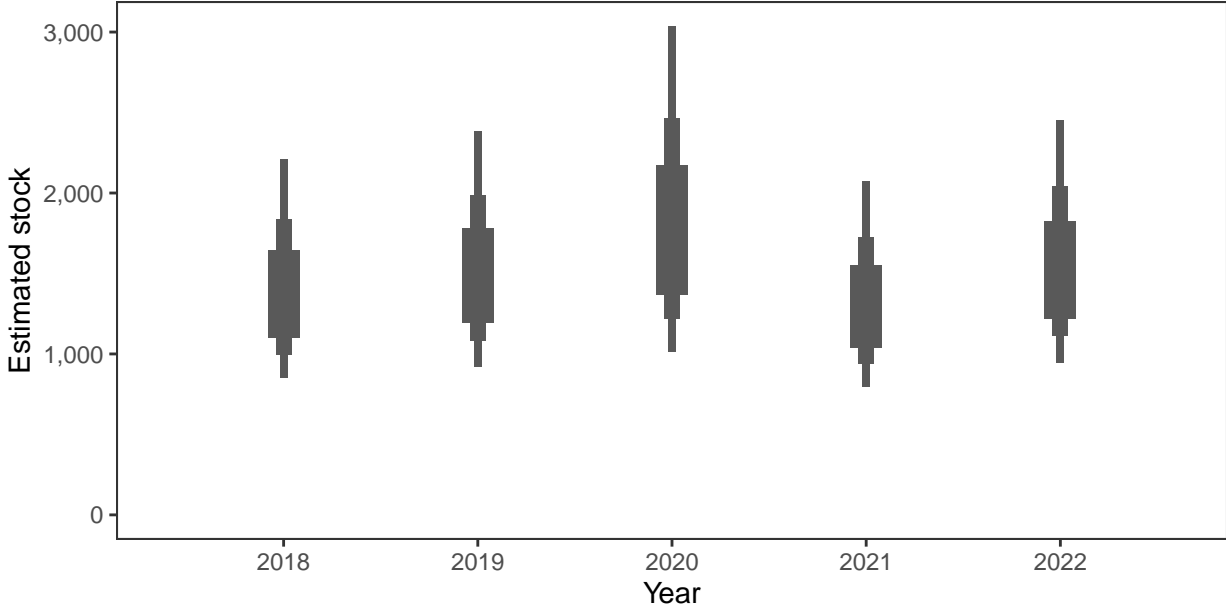

Monthly flow data
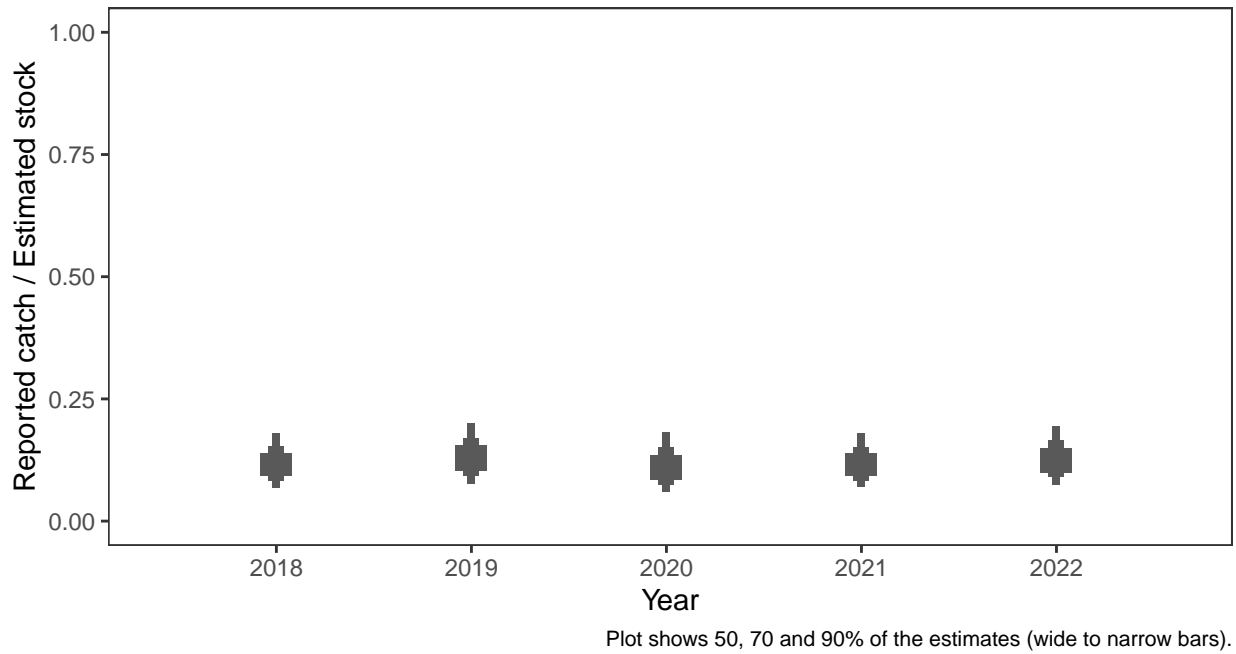
Monthly stock estimates (out of season in black)

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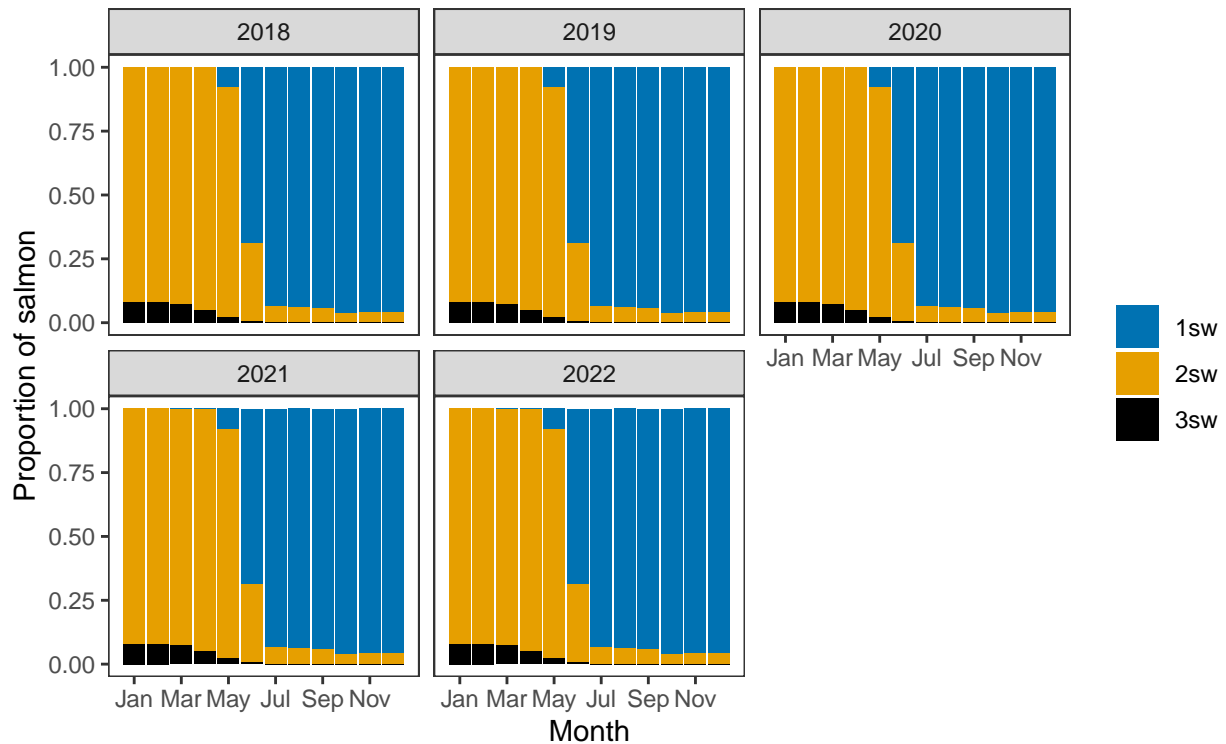
Annual estimated stock

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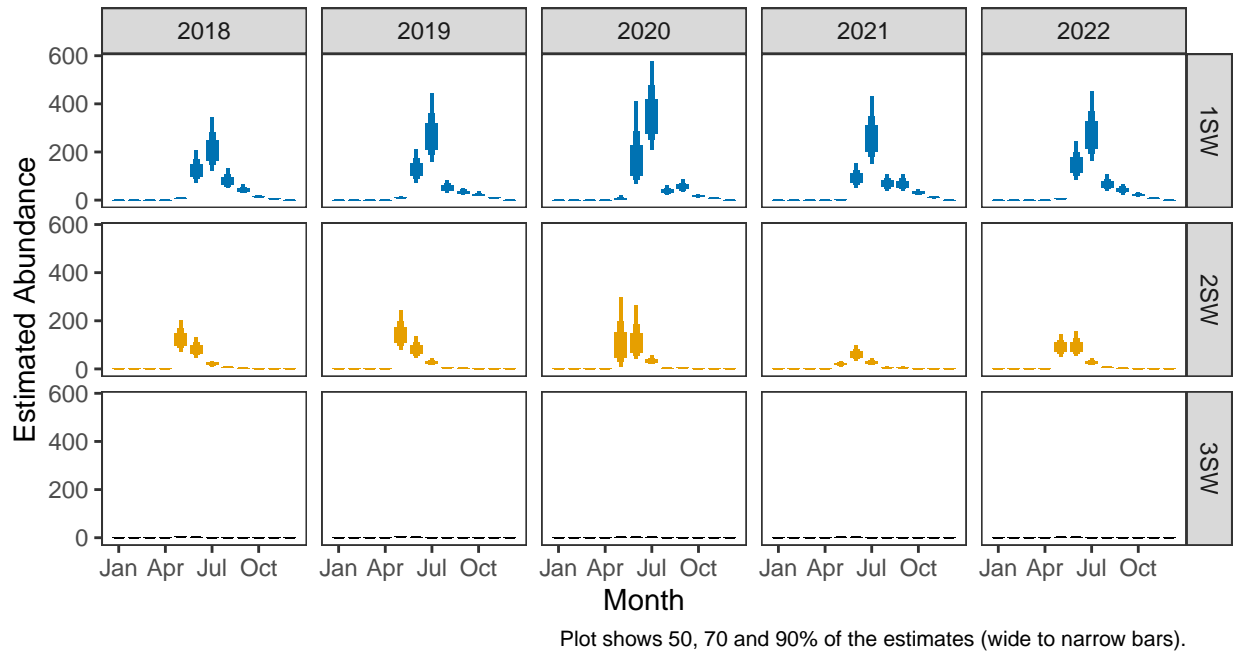
Annual catch as a proportion of stock

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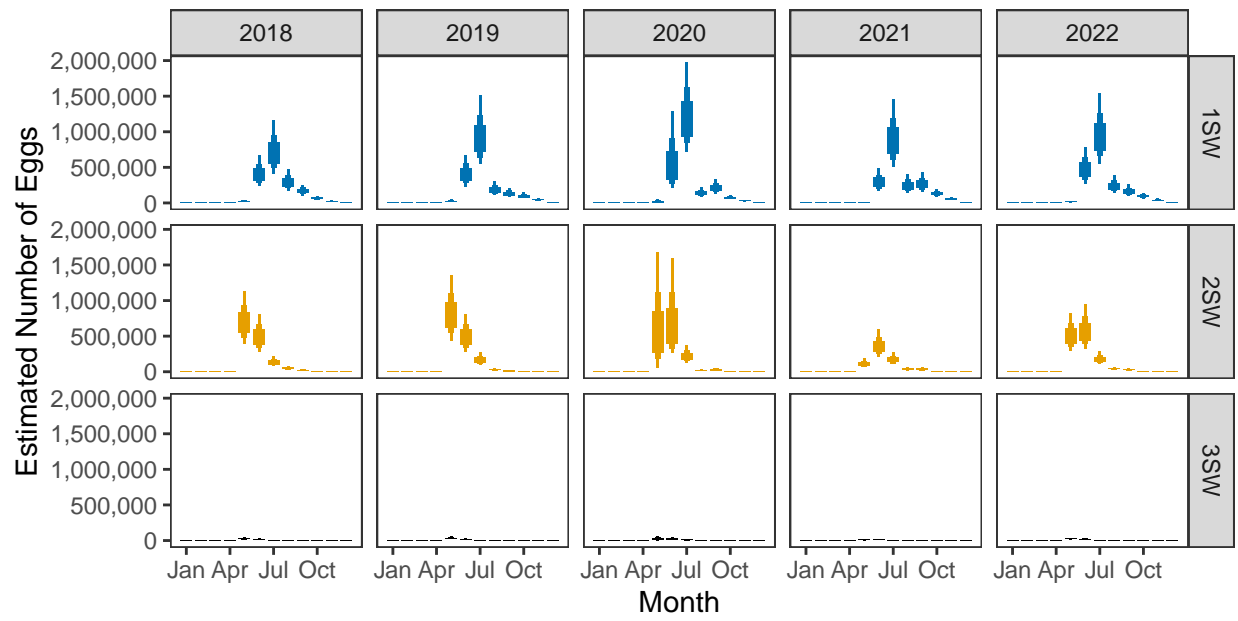
3. Converting Number of Spawners to Number of Eggs
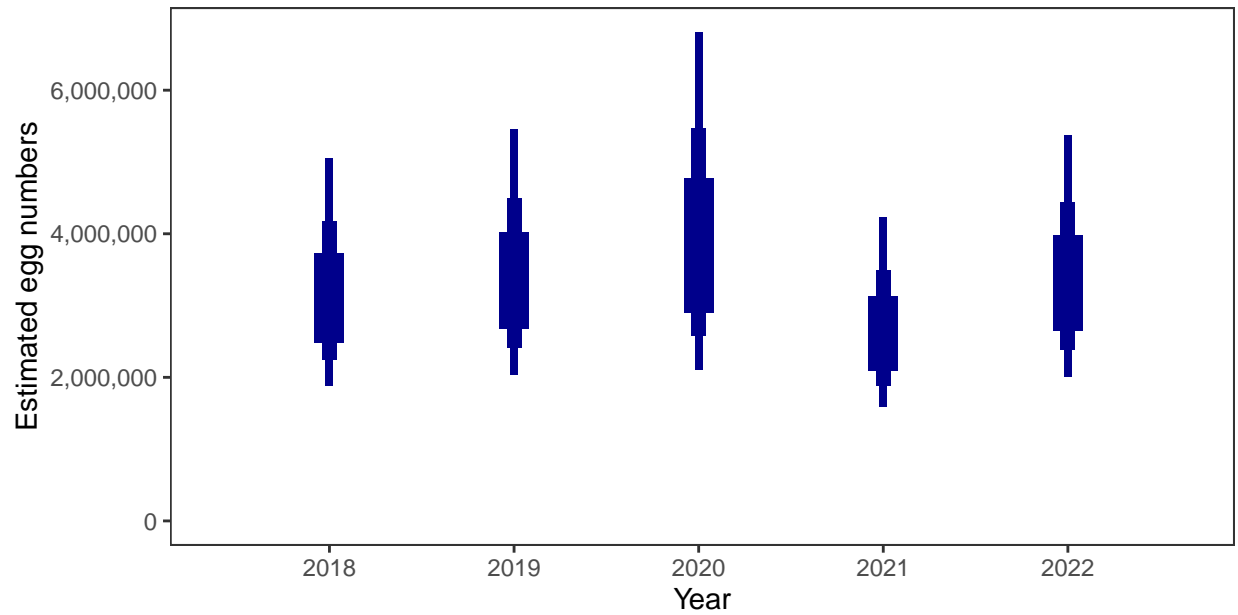
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

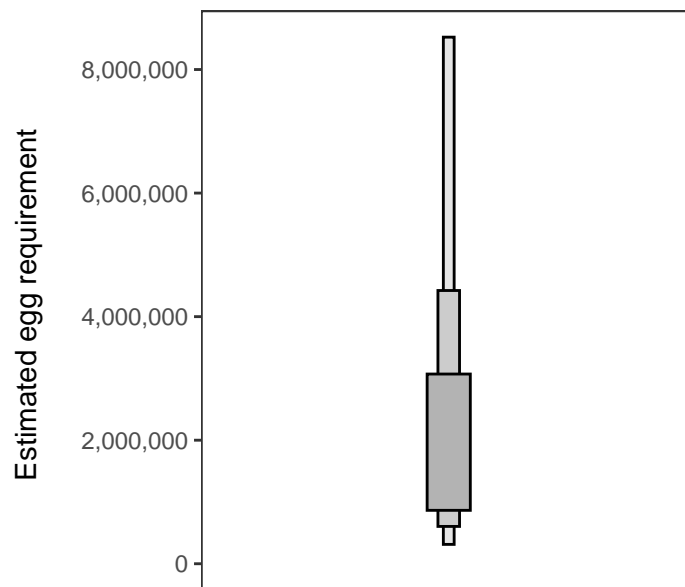Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	73.74
2019	76.49
2020	79.34
2021	67.79
2022	75.96

4. Egg requirement

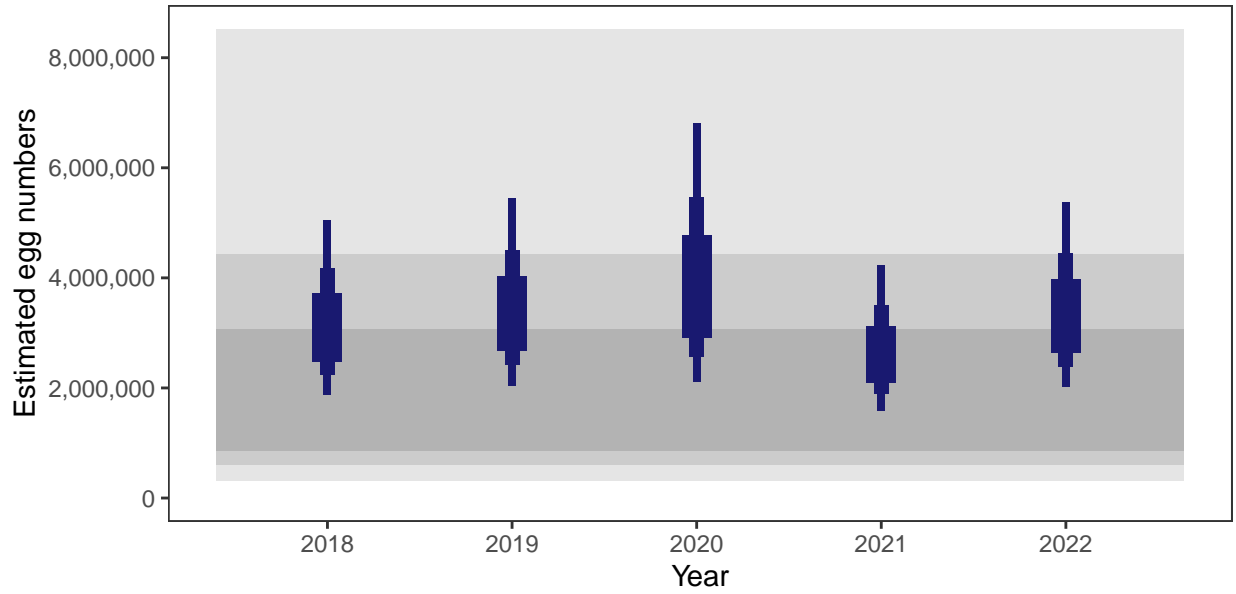### *Areas of salmon habitat in square meters*

There is an estimated 842,615 square meters of known salmon habitat in the River Ewe and a further 174,531 square meters where salmon may be present.
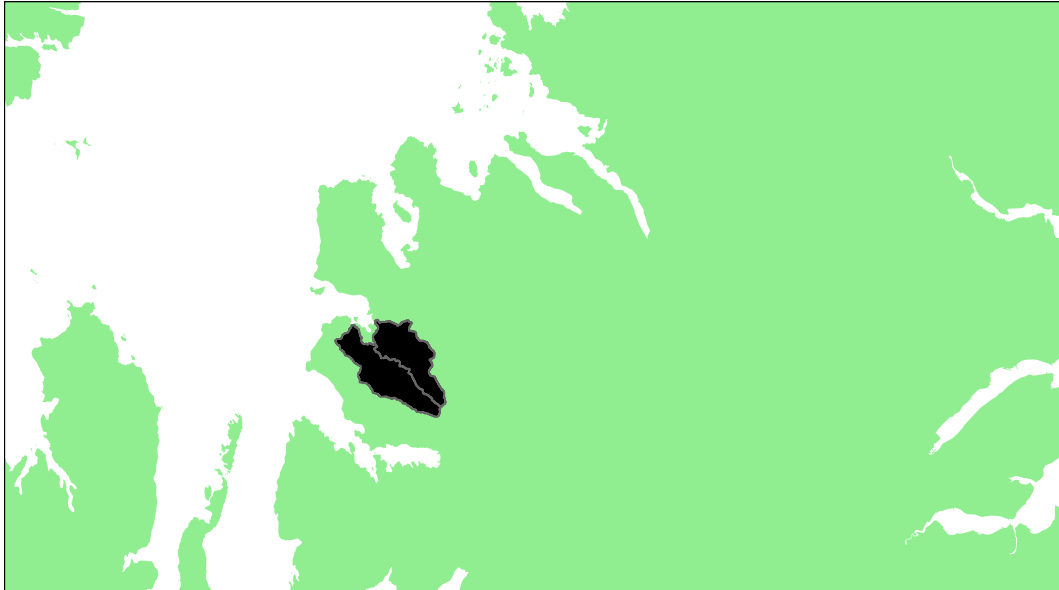
Egg requirement

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)
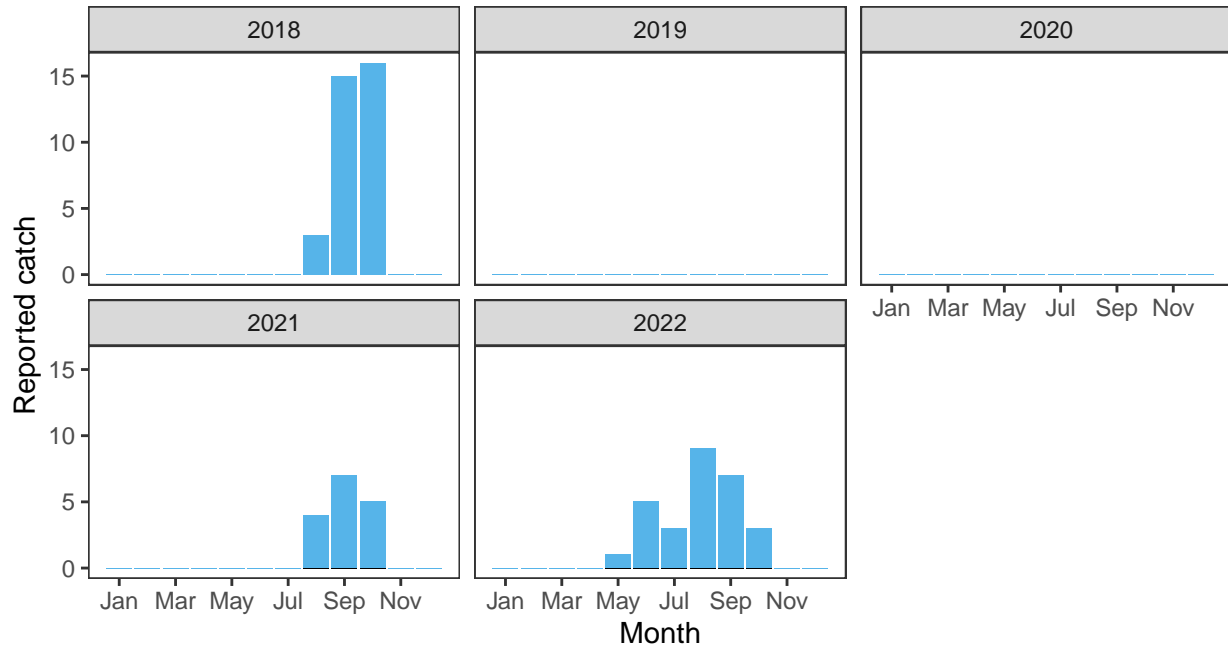
Kerry and Badachro: Grade 3

Summary Table

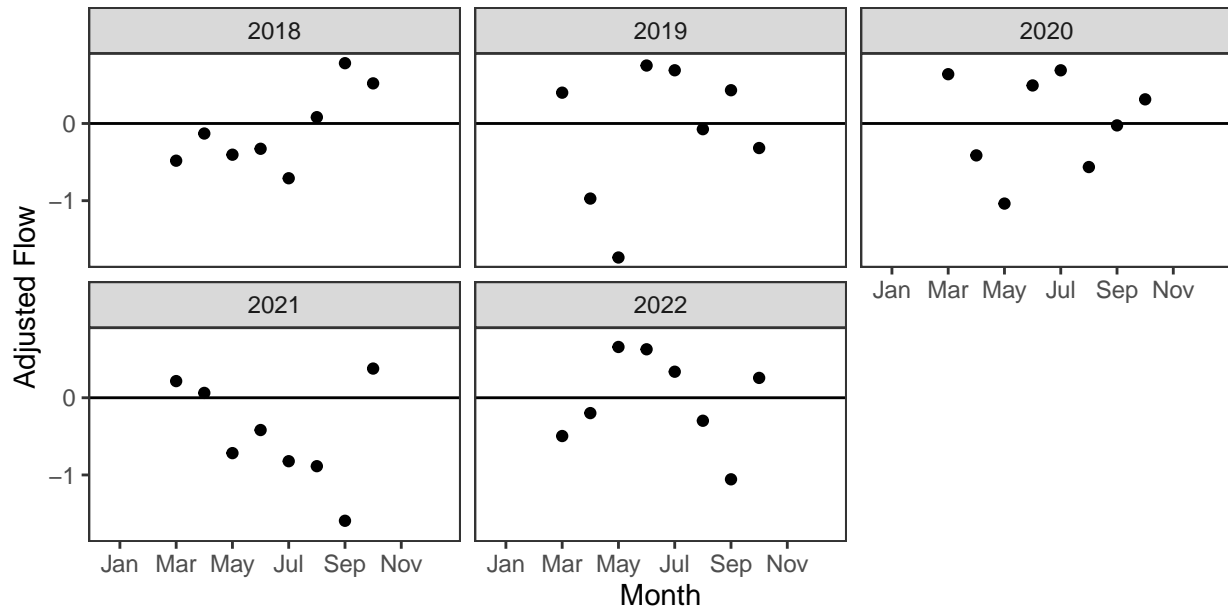| Eggs required $(\text{m}^2)^{\text{a}}$	Area $(\text{m}^2)^{\text{a}}$	Total egg requirement[a]	Percentage chance meeting requirement						
			2018	2019	2020	2021	2022	Overall	Grade
2.19	90,000	195,000	55.27	0	9.61	47.71	78.87	0.38292	3

[a] Figures presented are median values

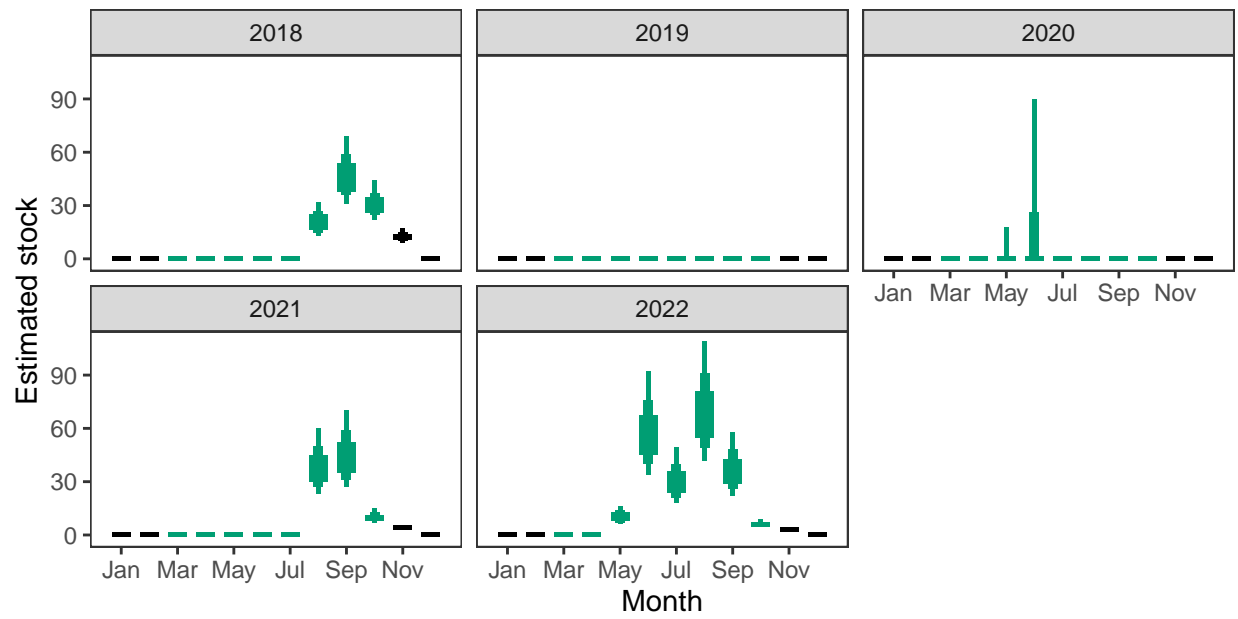# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
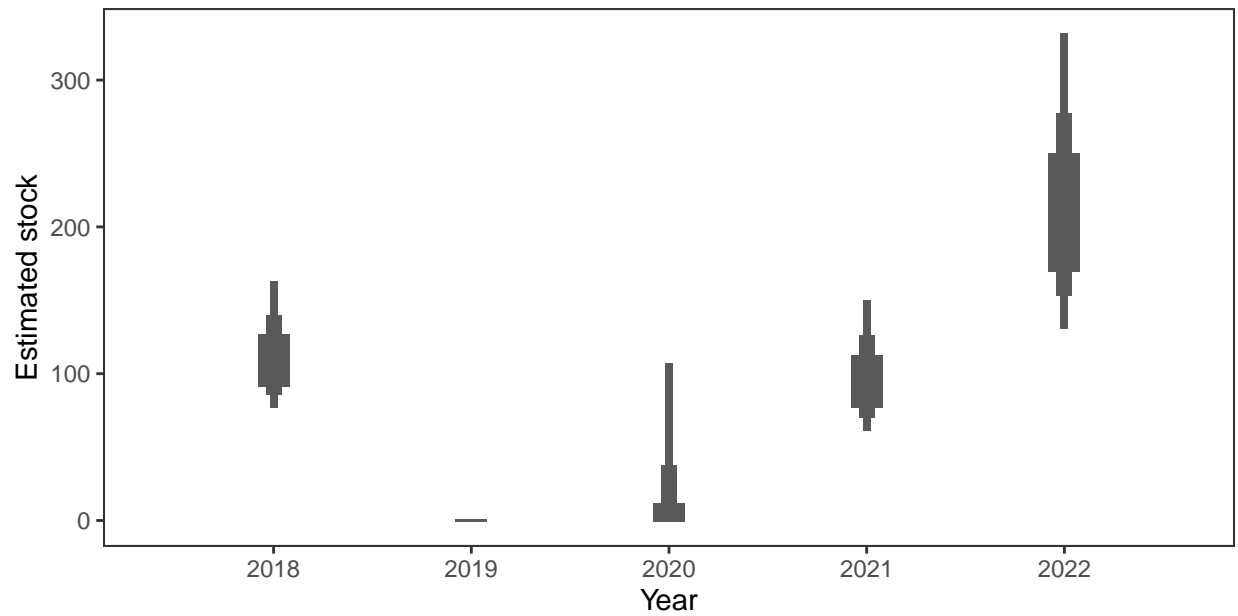

Monthly flow data
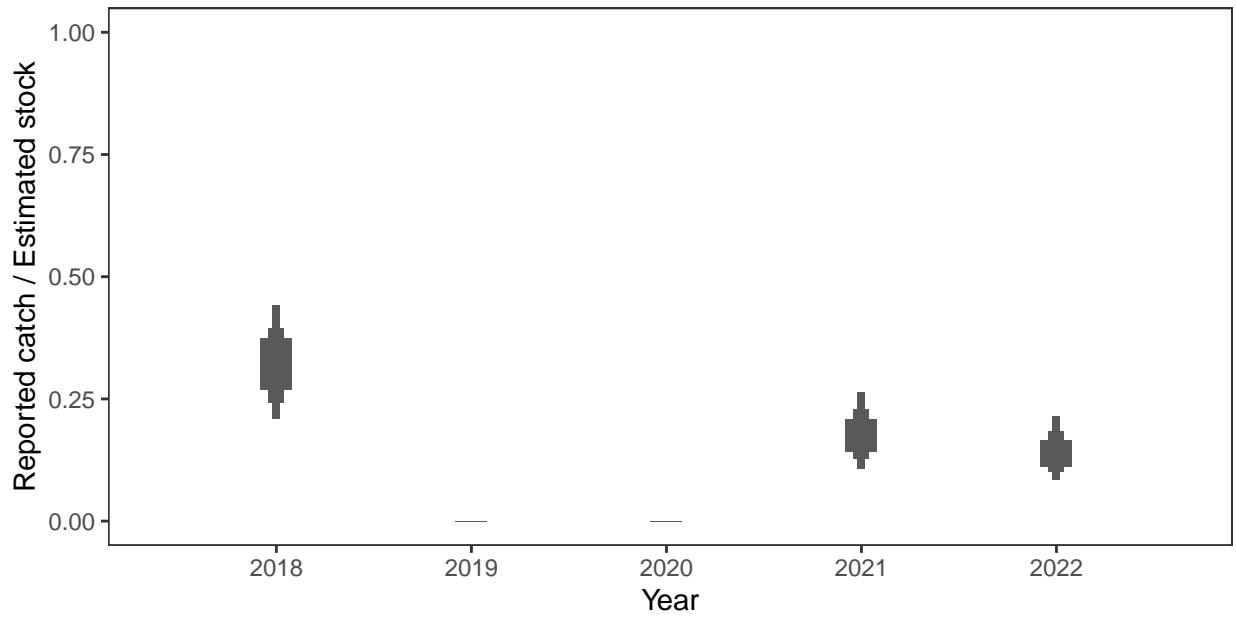
Monthly stock estimates (out of season in black)

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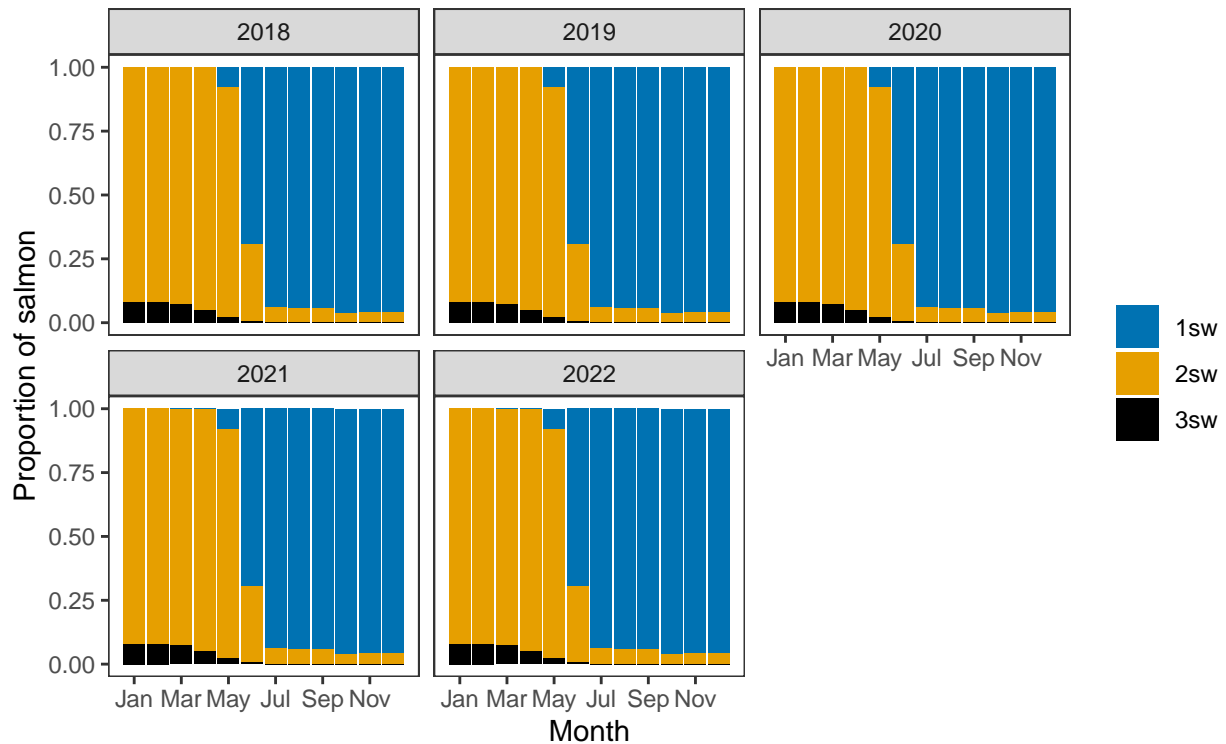
Annual estimated stock

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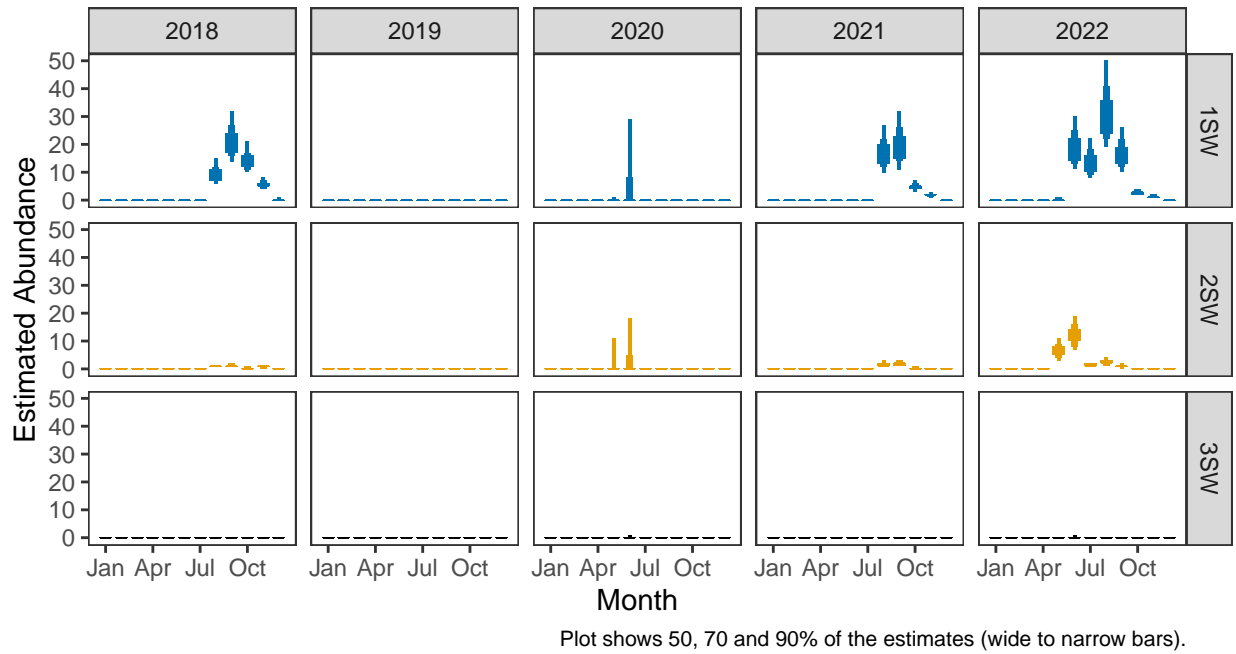
Annual catch as a proportion of stock

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

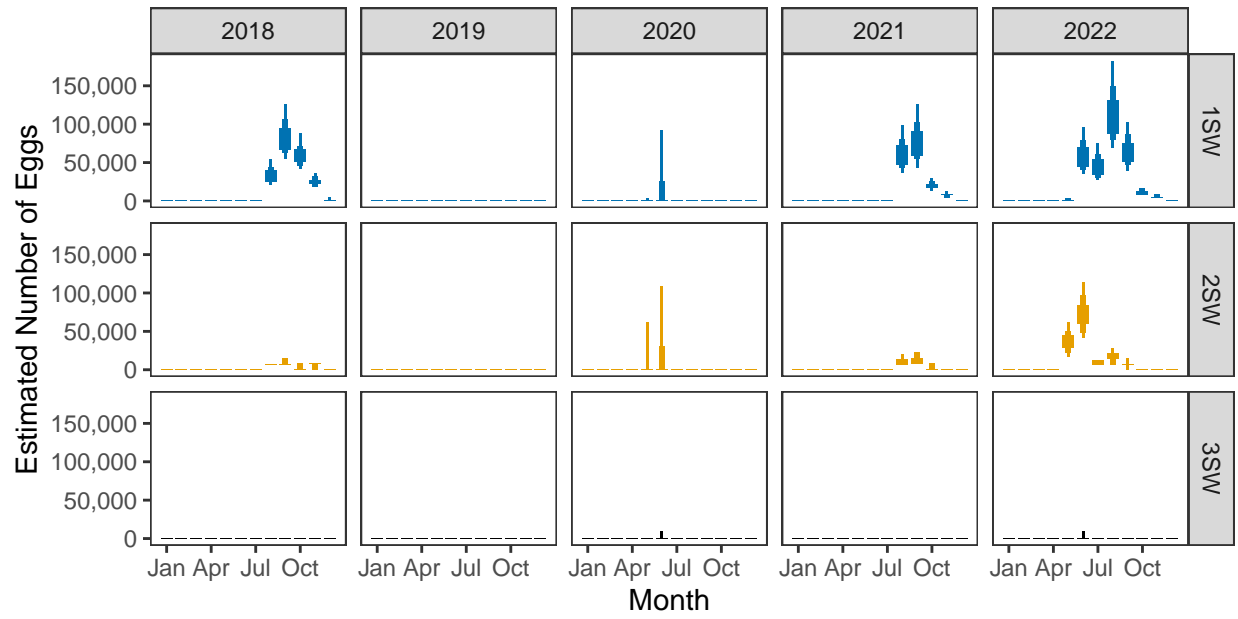Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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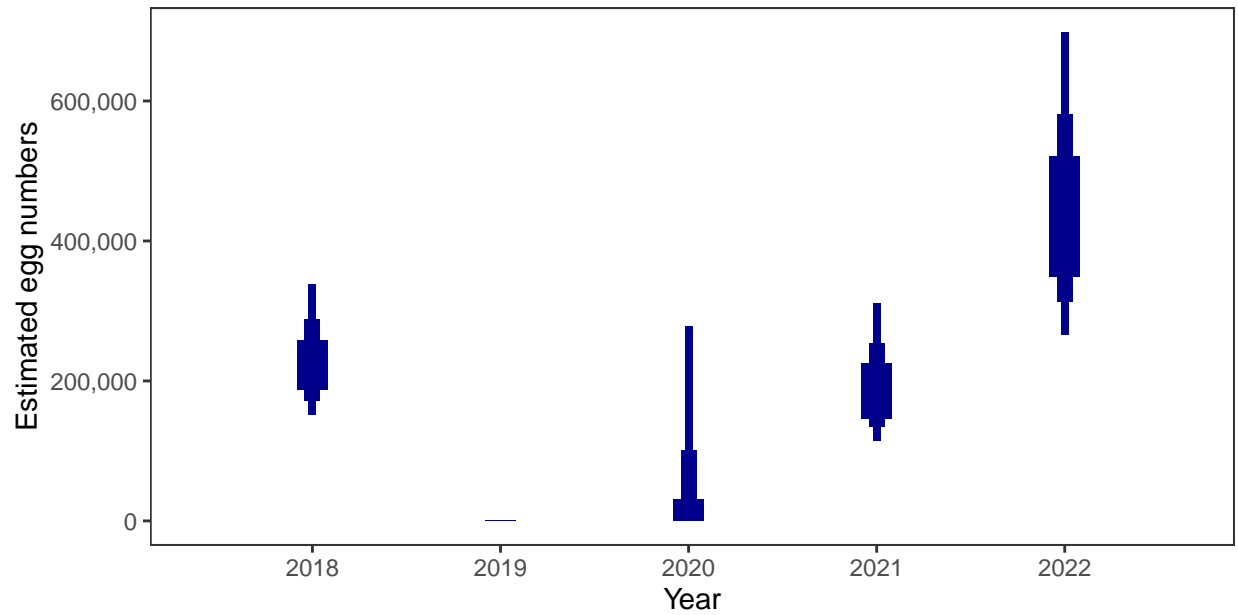
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

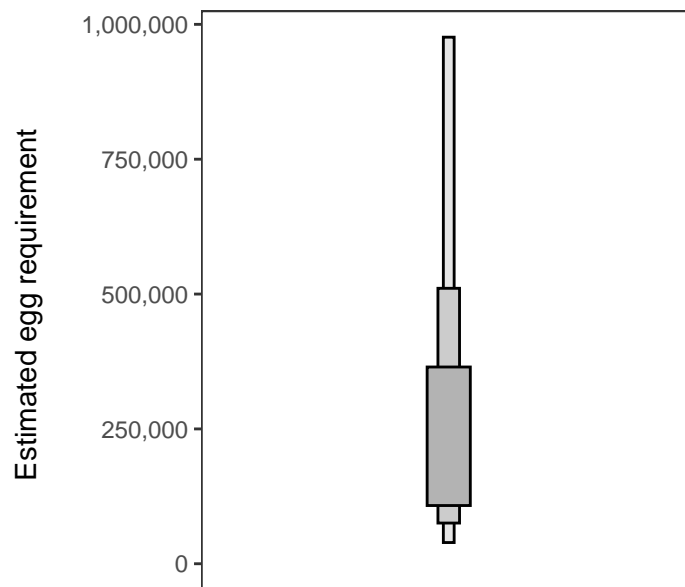Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	55.27
2019	-
2020	9.61
2021	47.71
2022	78.87

4. Egg requirement

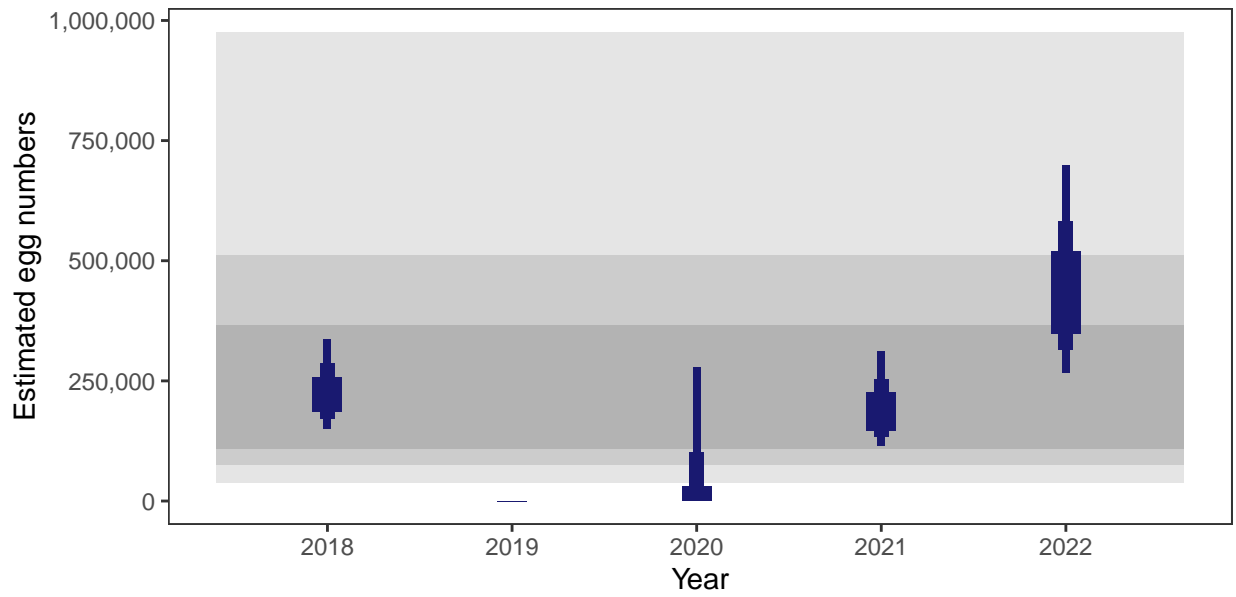*Areas of salmon habitat in square meters*

There is an estimated 98,745 square meters of known salmon habitat in the Kerry and Badachro and a further 6,204 square meters where salmon may be present.
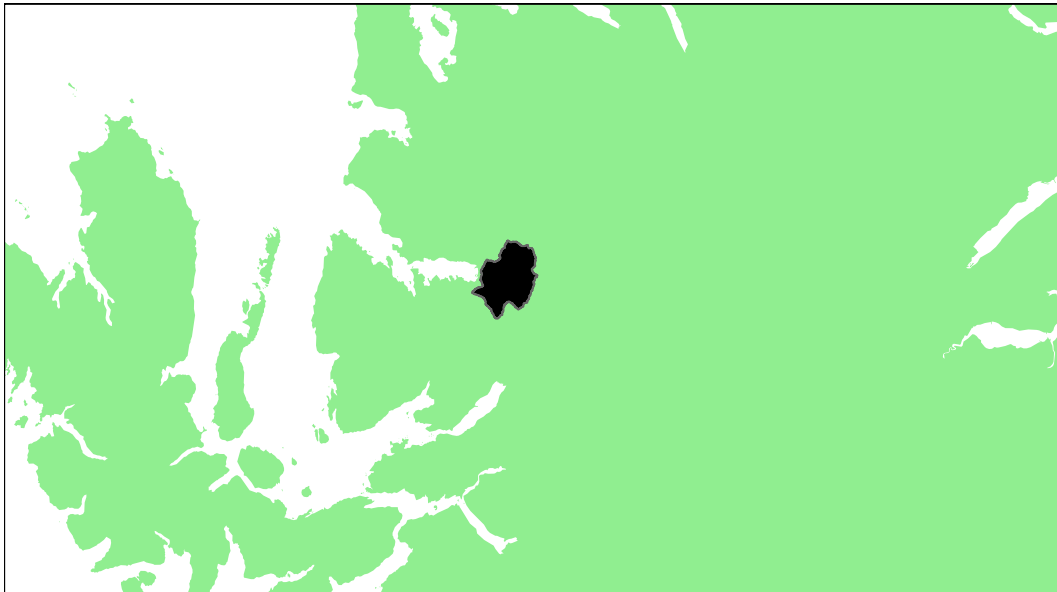
Egg requirement

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)
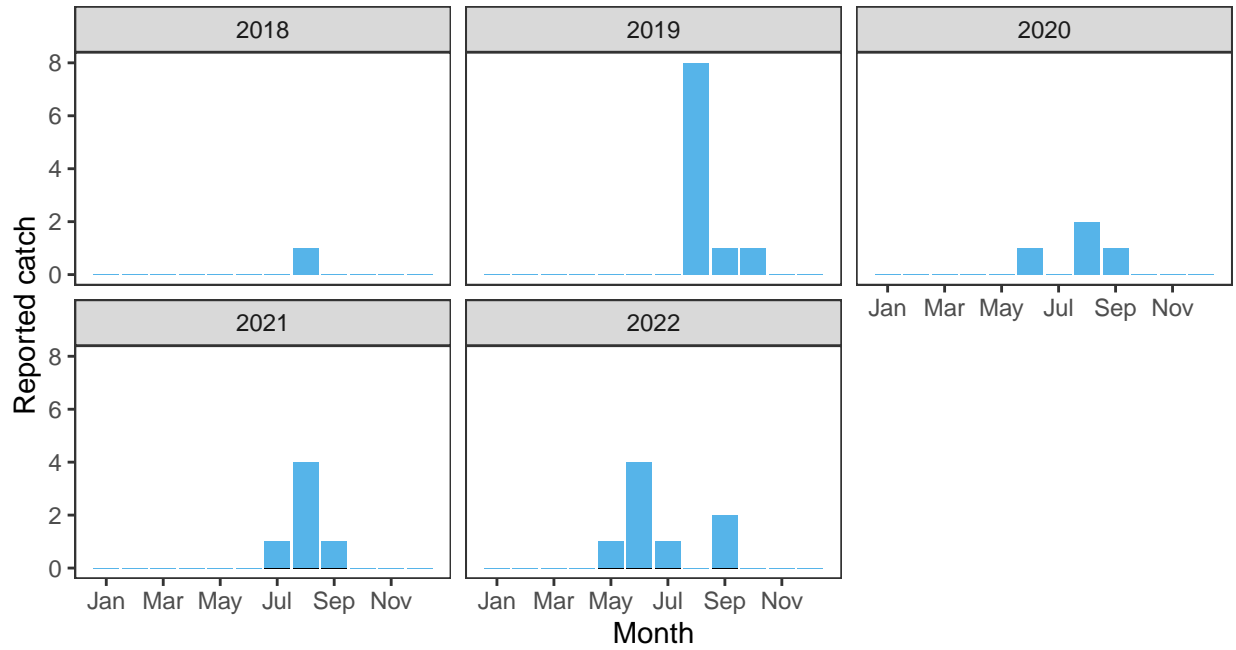
River Torridon: Grade 3

Summary Table

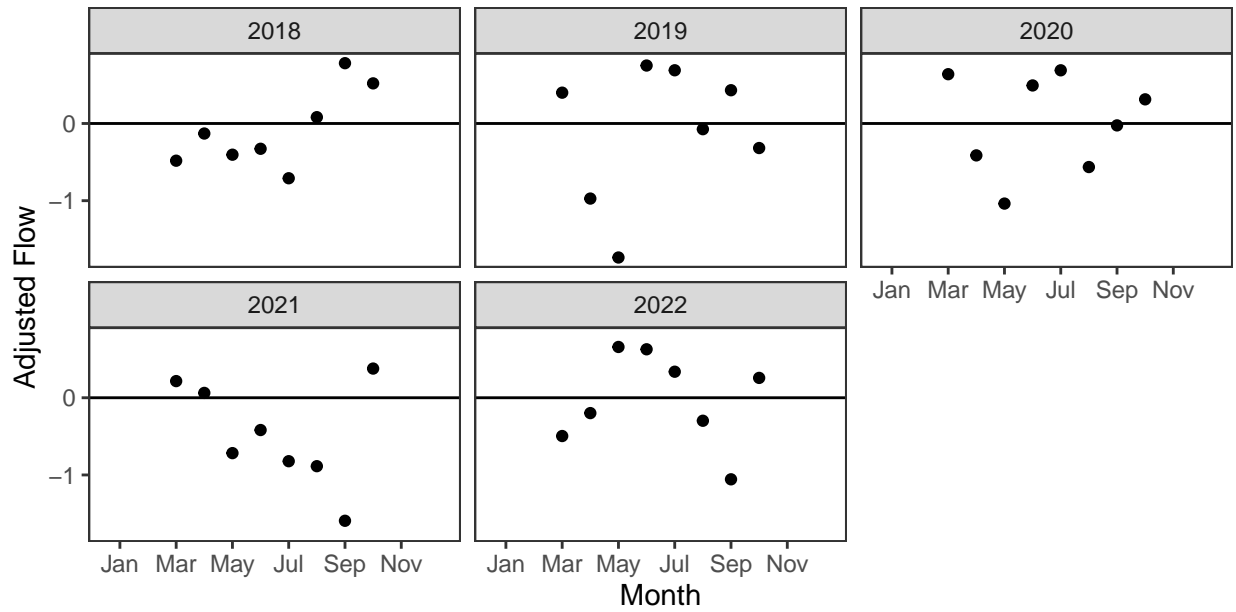| Eggs required (m²)ᵃ	Area (m²)ᵃ	Total egg requirementᵃ	Percentage chance meeting requirement						Grade
			2018	2019	2020	2021	2022	Overall	
1.62	123,000	2e+05	1.3	30.83	15.97	28.23	46.89	0.24644	3

ᵃ Figures presented are median values

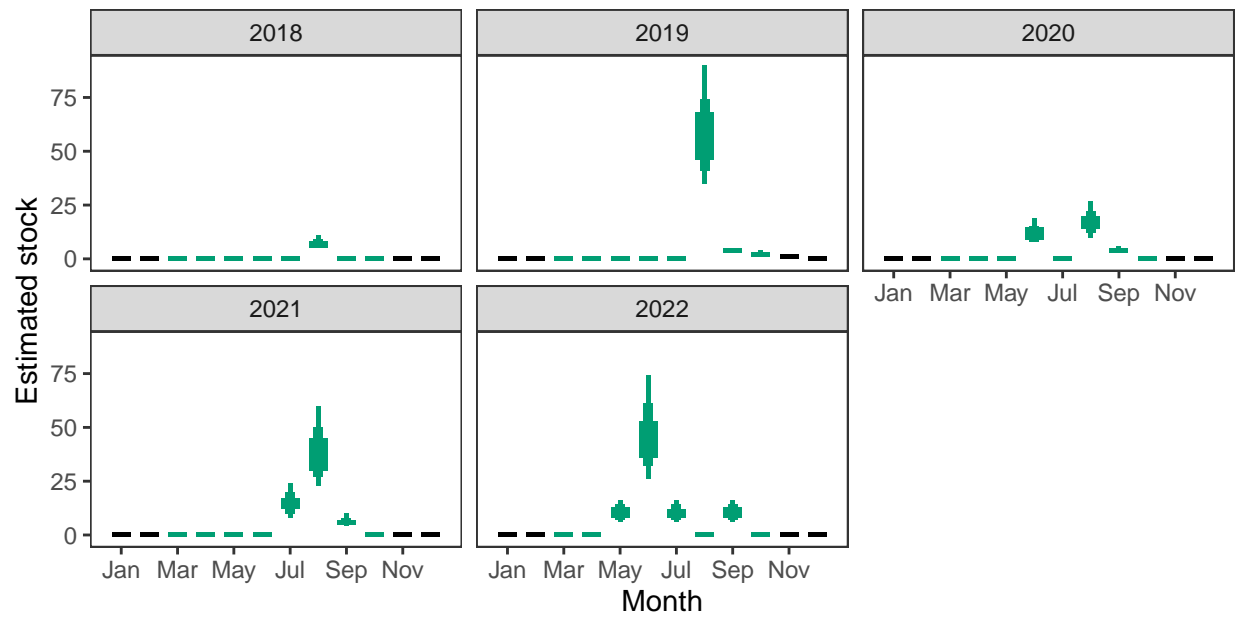# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
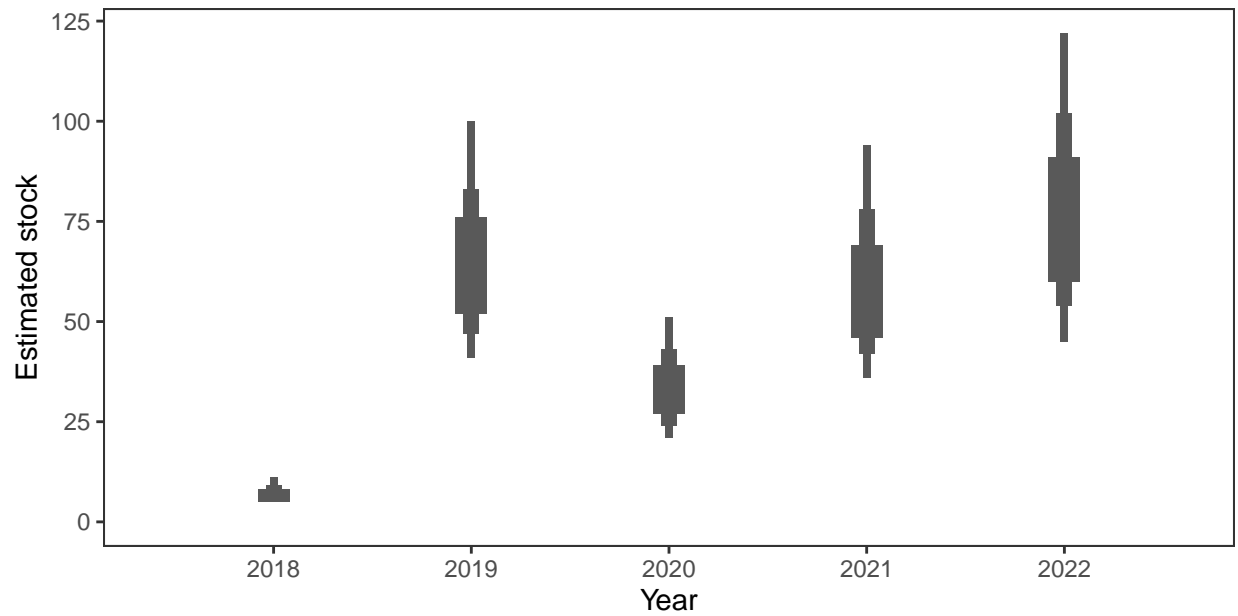

Monthly flow data

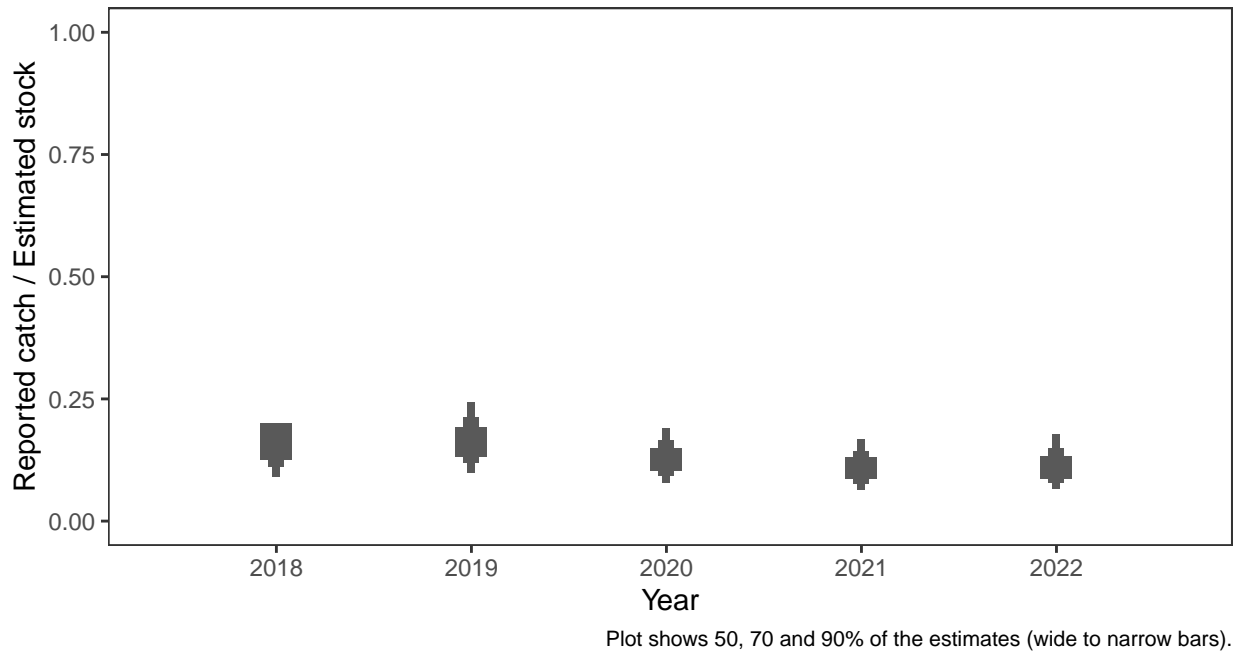*Monthly stock estimates (out of season in black)*

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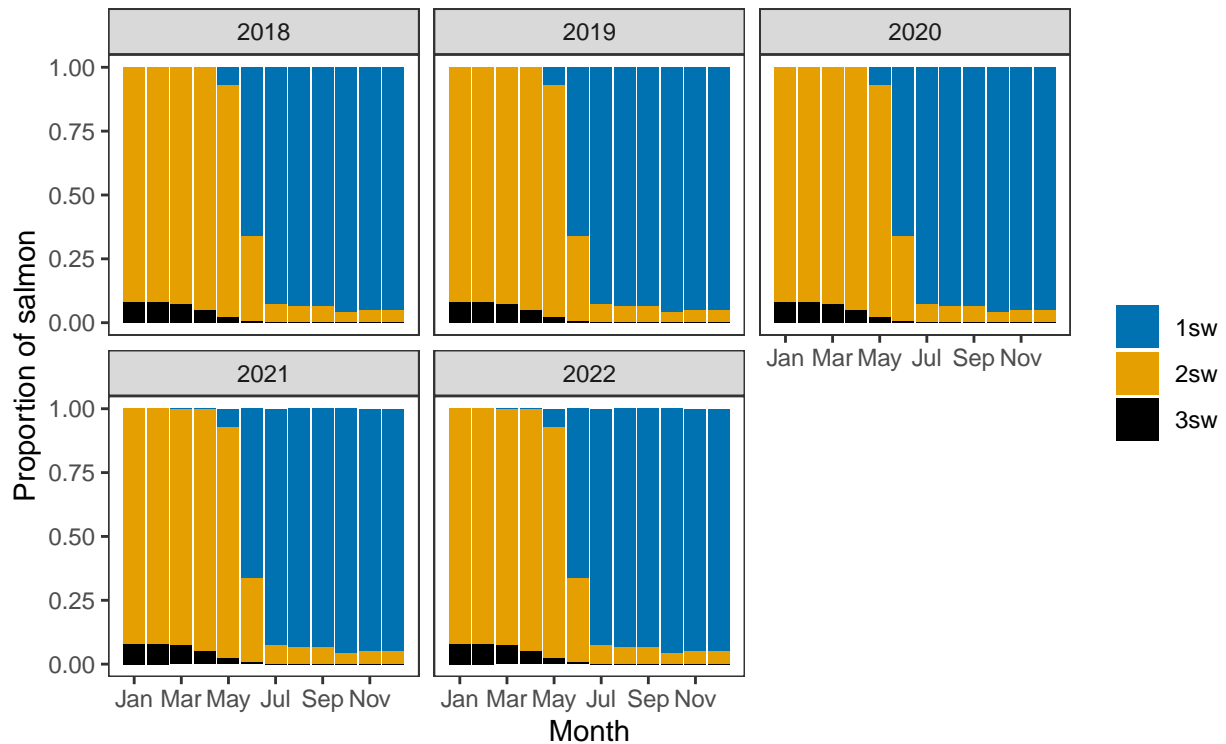
Annual estimated stock

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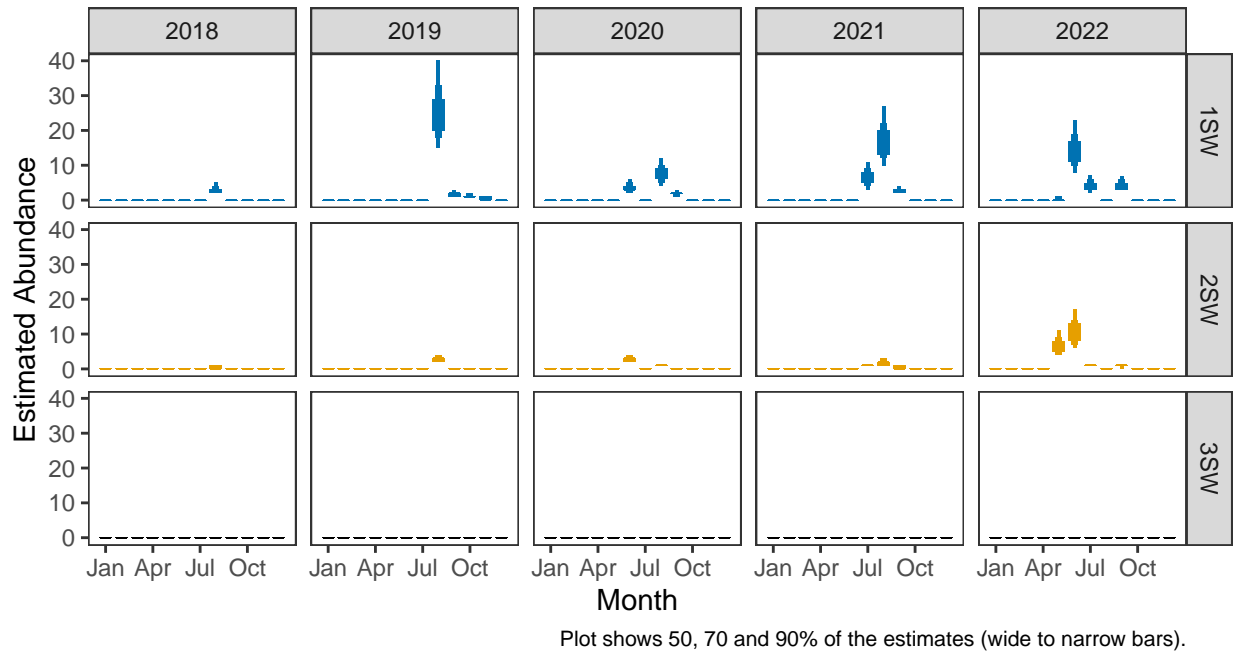
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Annual catch as a proportion of stock

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

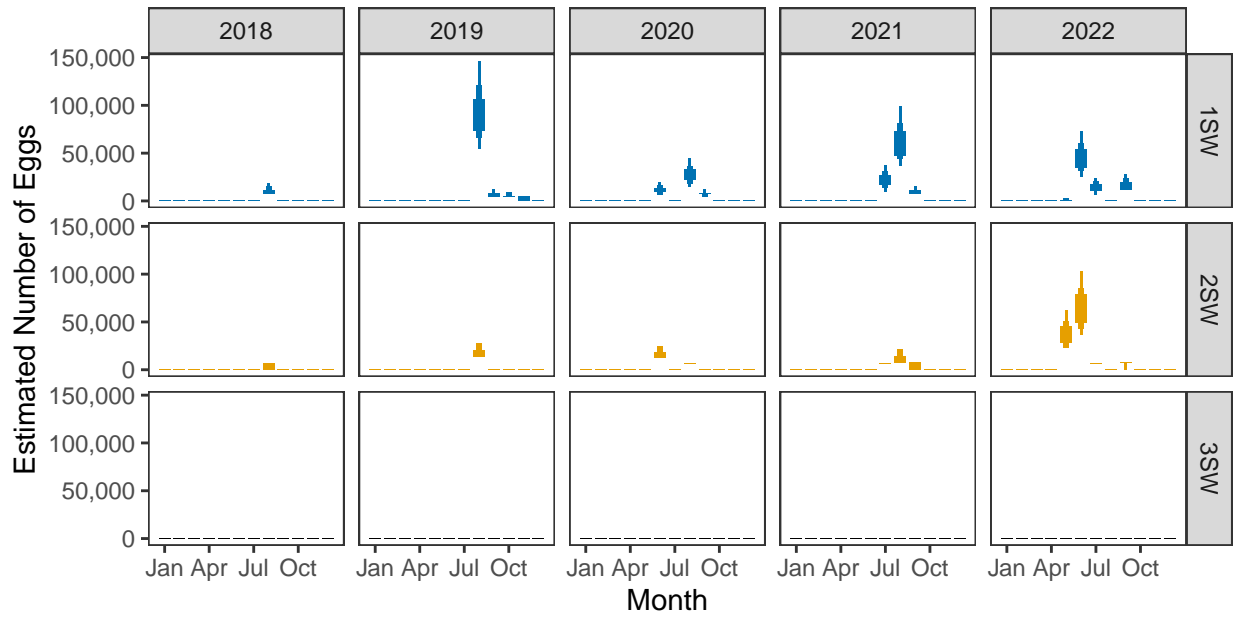Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

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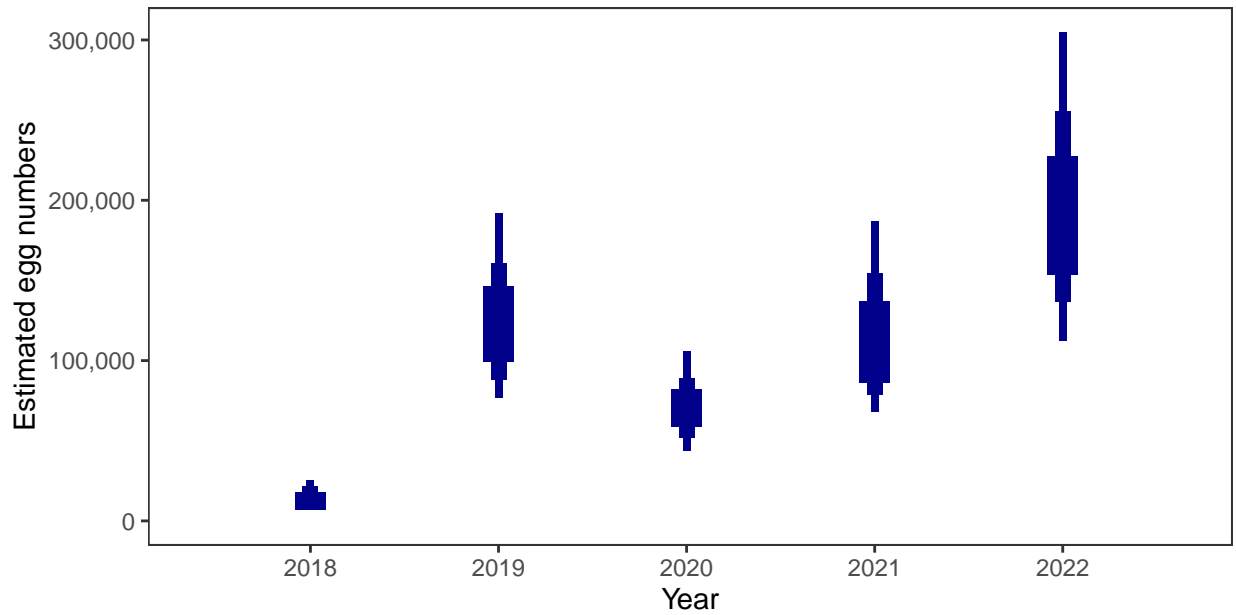
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

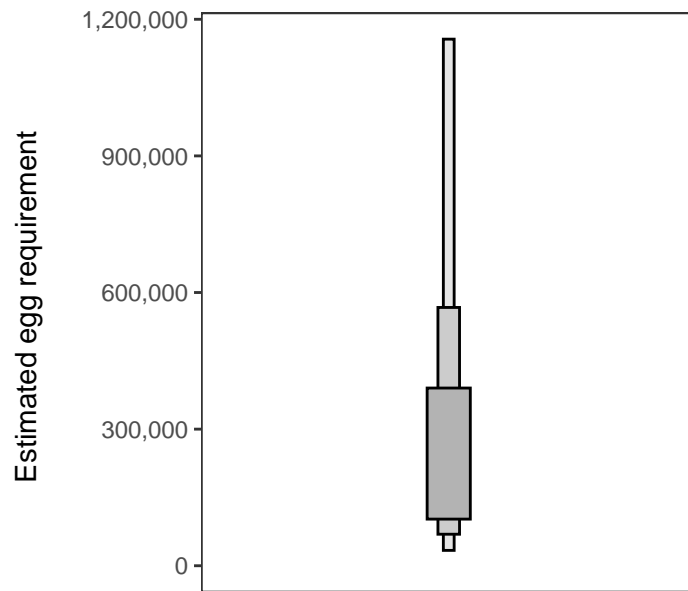Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	1.30
2019	30.83
2020	15.97
2021	28.23
2022	46.89

4. Egg requirement

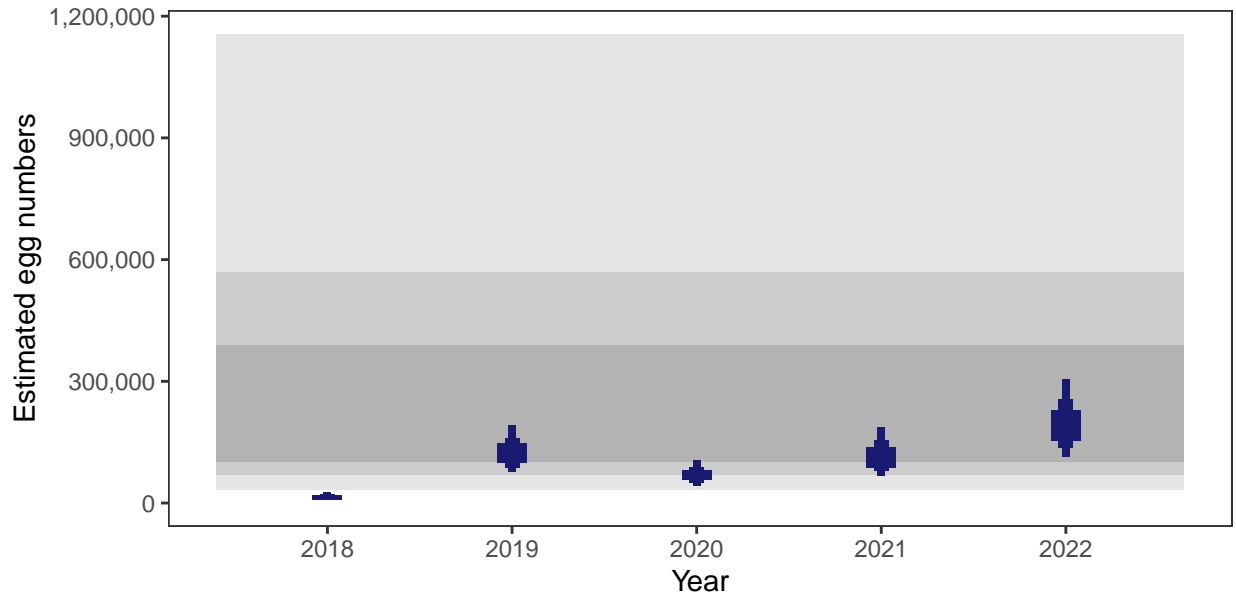### *Areas of salmon habitat in square meters*

There is an estimated 129,271 square meters of known salmon habitat in the River Torridon and a further 21,258 square meters where salmon may be present.
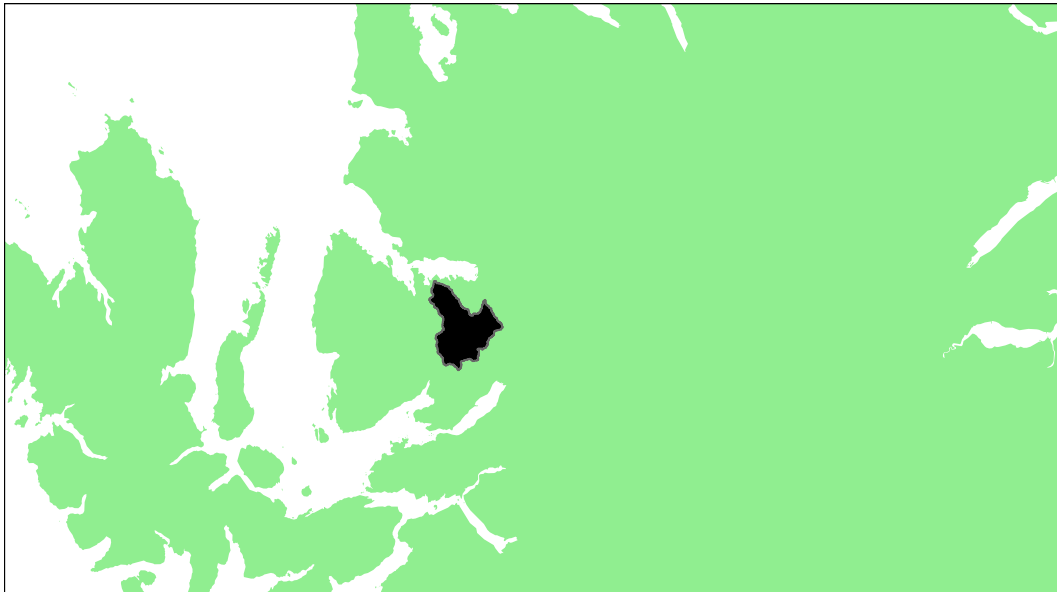
Egg requirement

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)
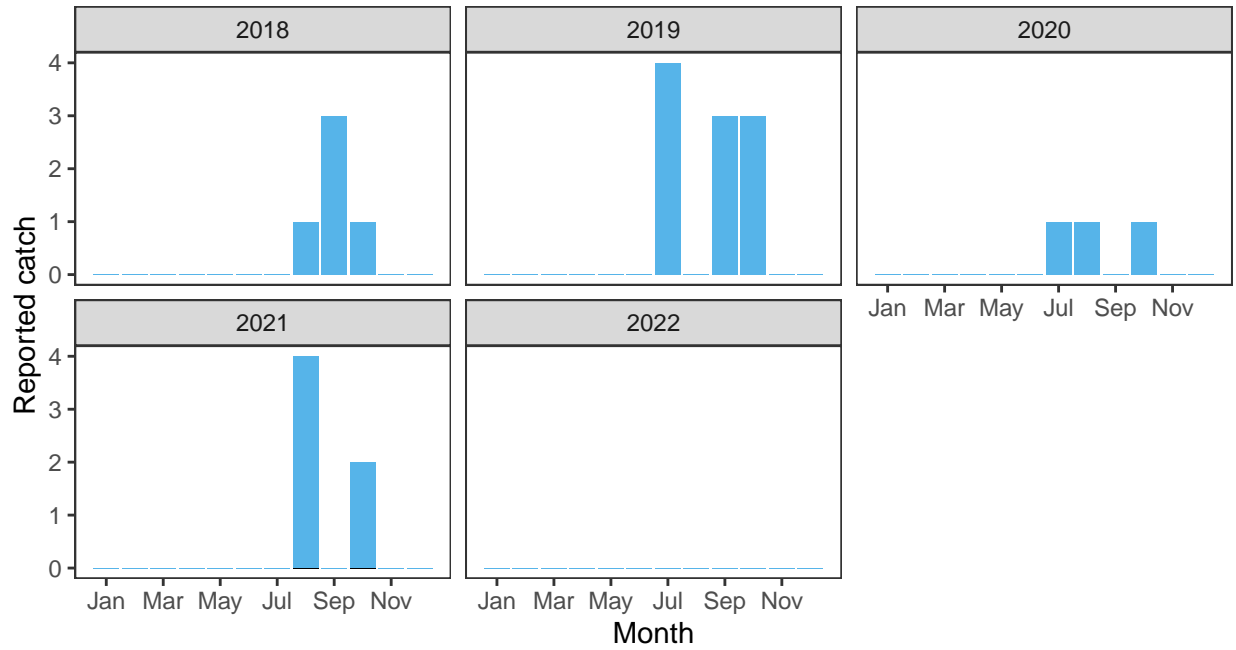
Balgy River: Grade 3

Summary Table

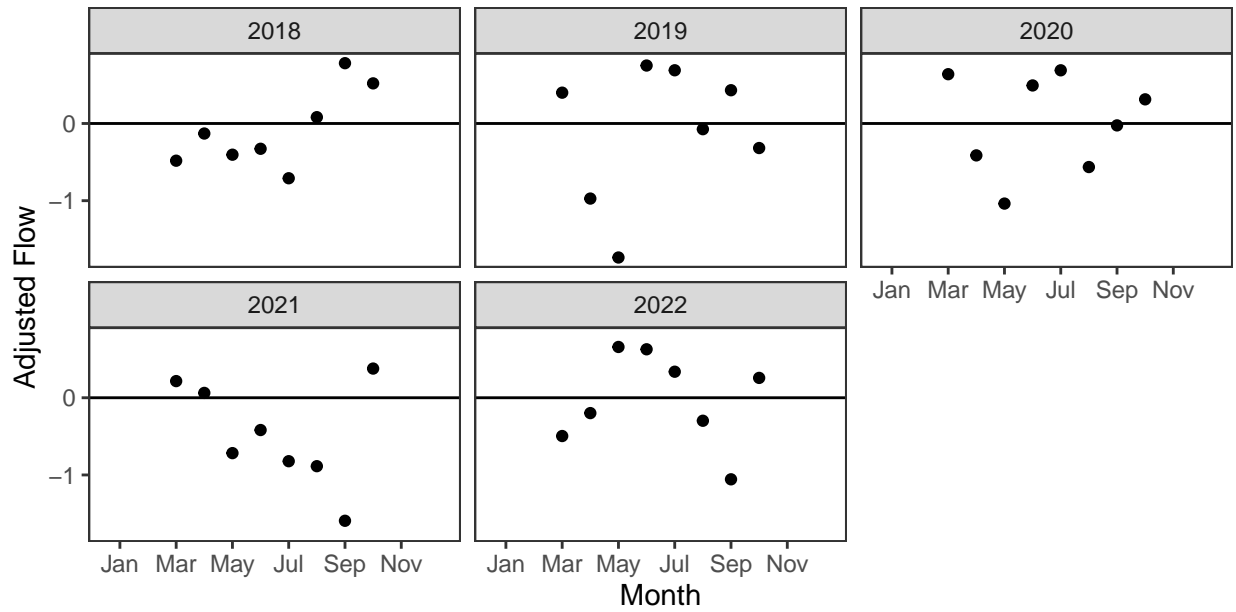| Eggs required $(m^2)^a$	Area $(m^2)^a$	Total egg requirement[a]	Percentage chance meeting requirement						
			2018	2019	2020	2021	2022	Overall	Grade
2.15	51,000	110,000	13.72	48.09	25.08	38.47	0	0.25072	3

[a] Figures presented are median values

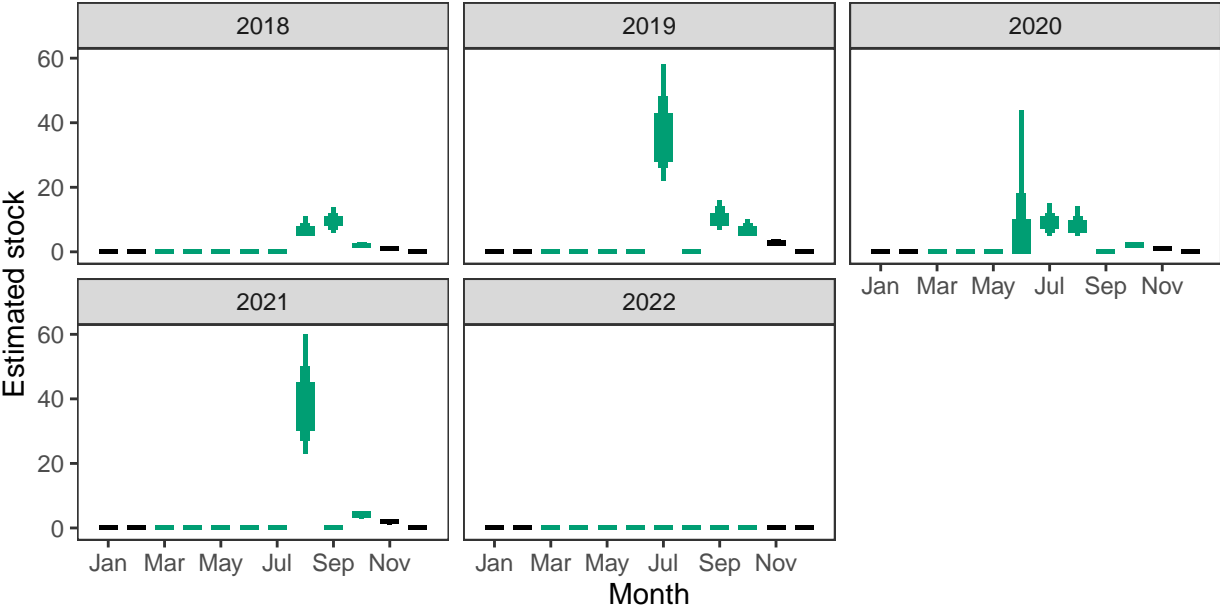# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
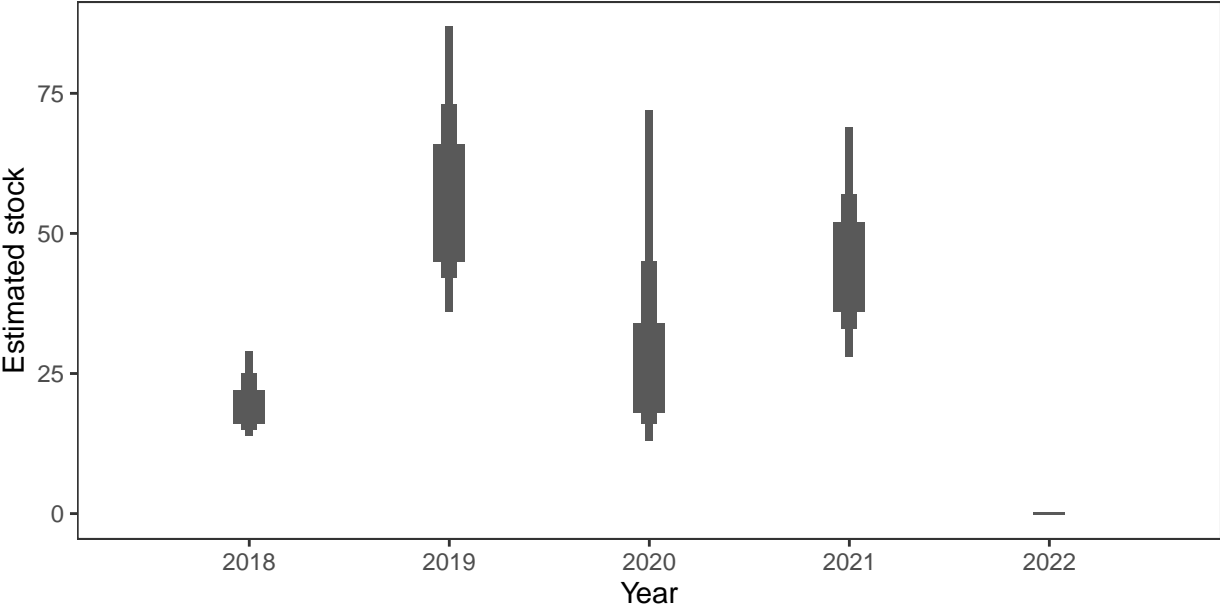

Monthly flow data
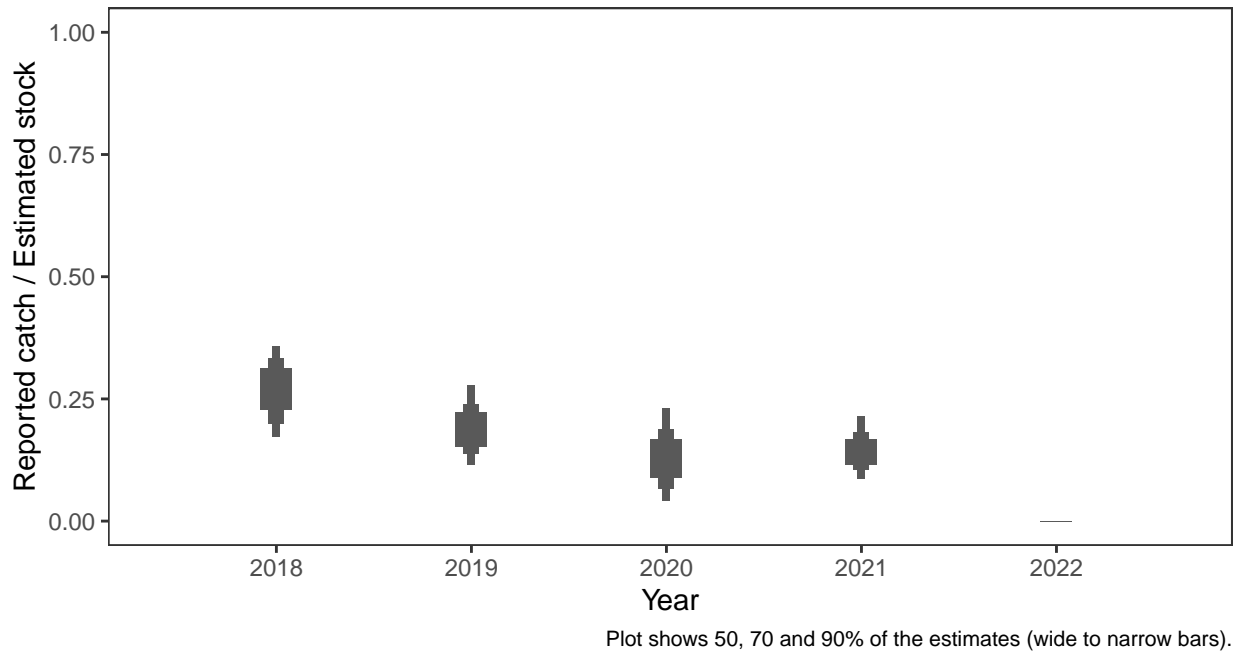
Monthly stock estimates (out of season in black)

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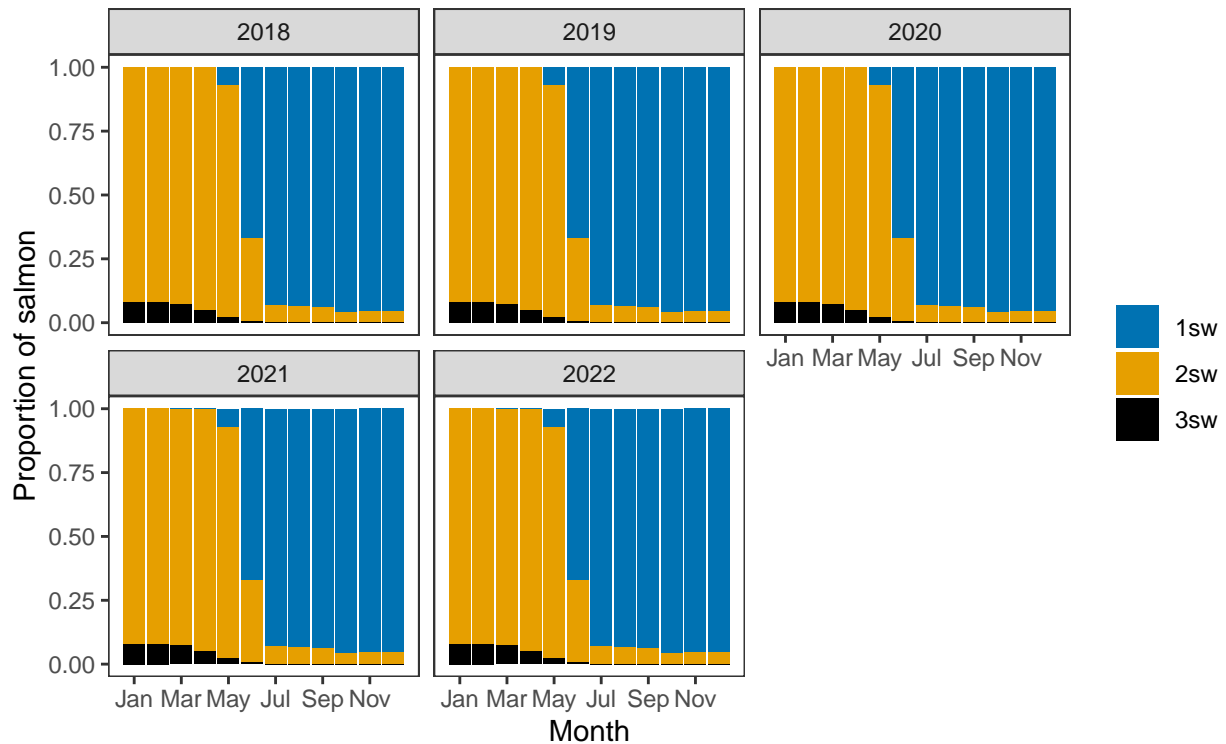
Annual estimated stock

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).

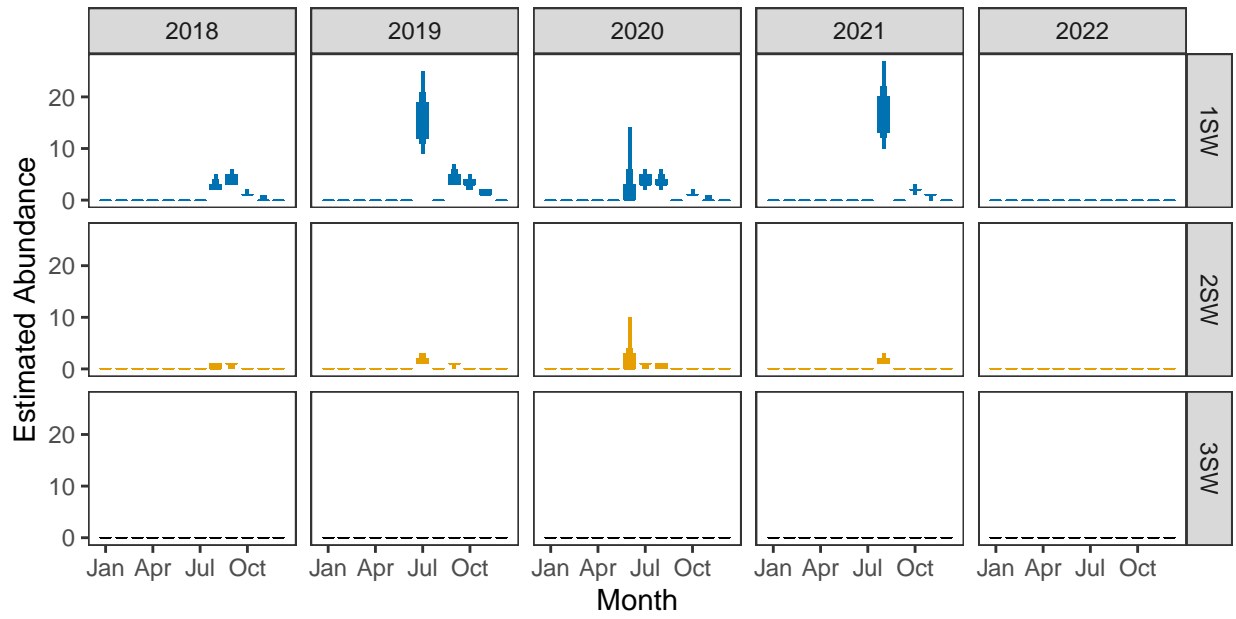## 2. Converting Numbers of Returning Salmon to Numbers of Spawning Females
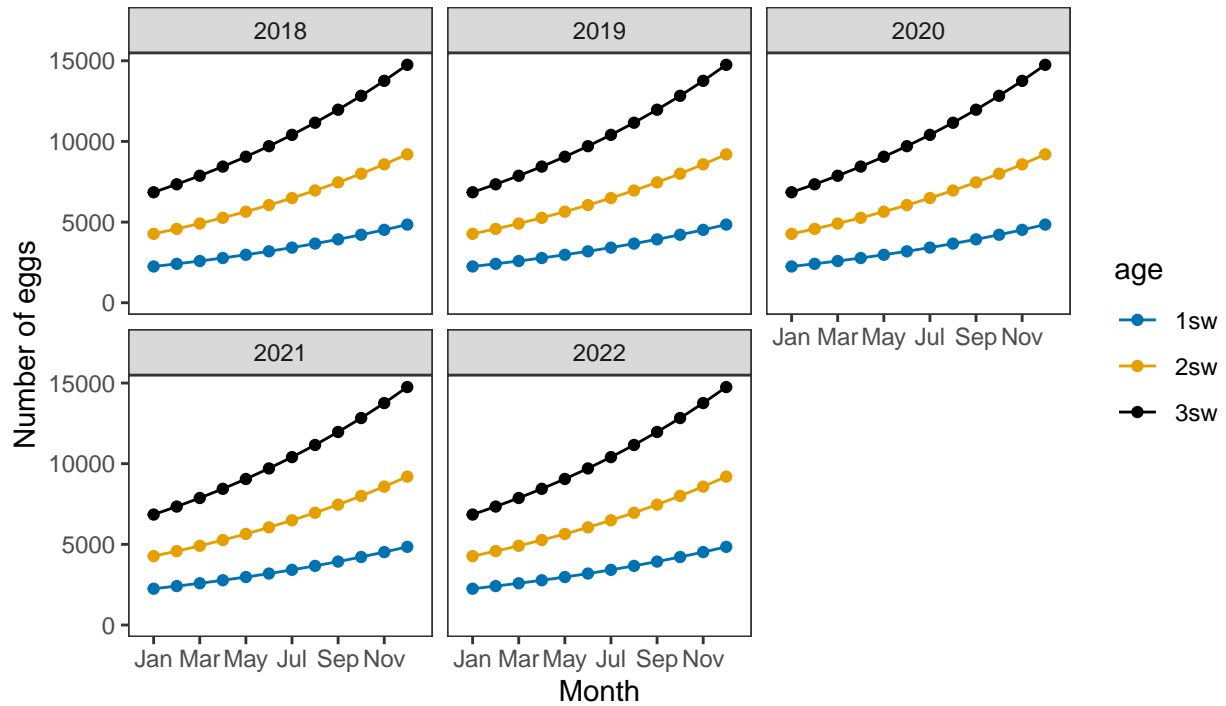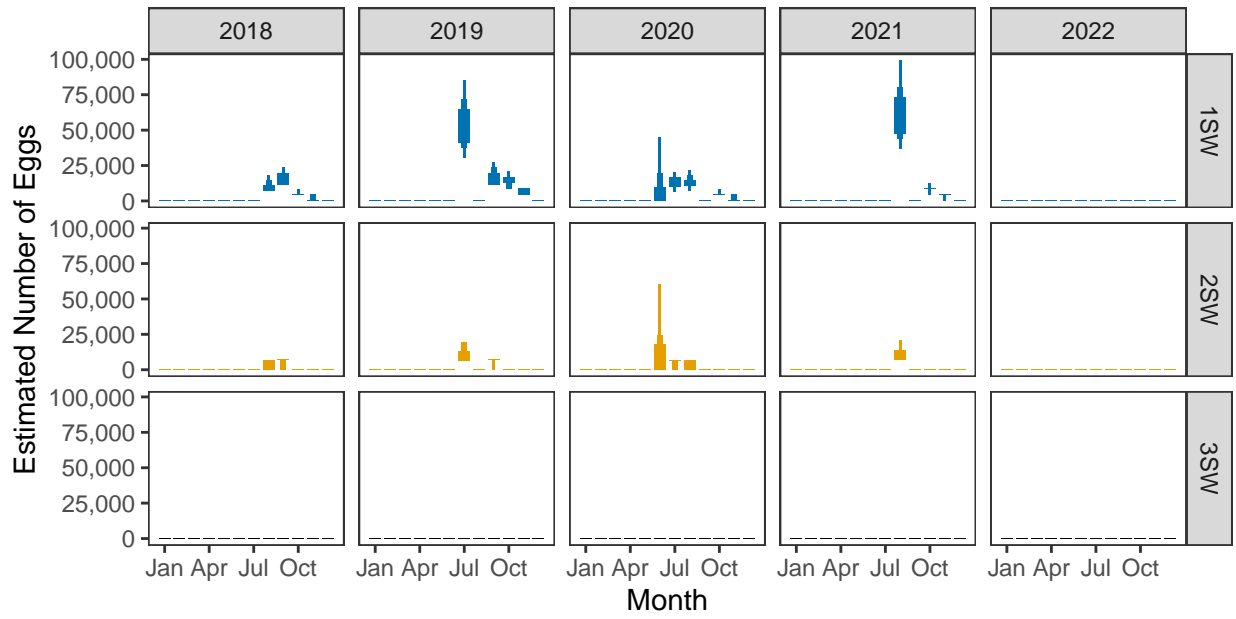
Ages of fish

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
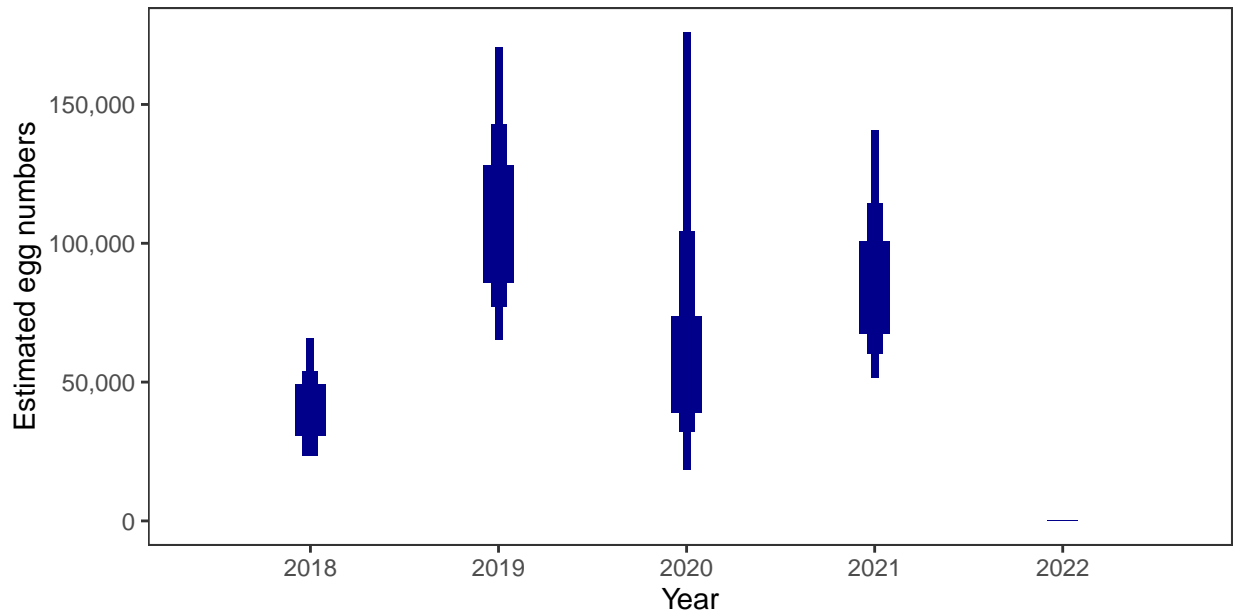
Egg contents of females

Monthly number of eggs

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

Total annual egg numbers

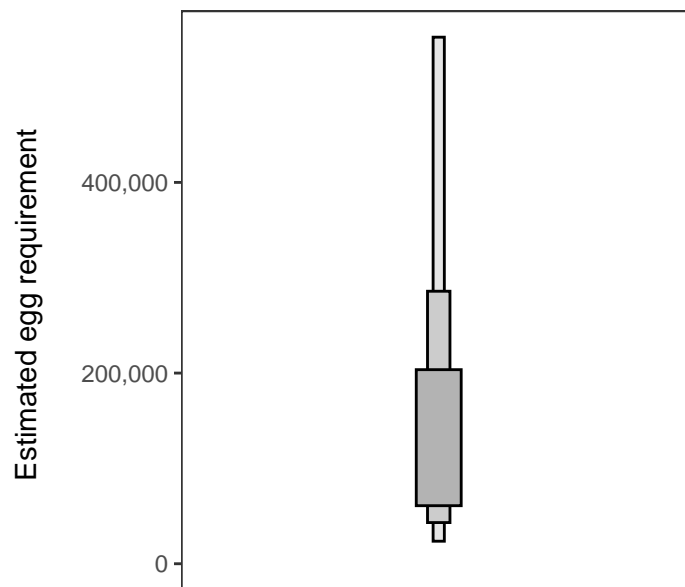Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	13.72
2019	48.09
2020	25.08
2021	38.47
2022	-

4. Egg requirement

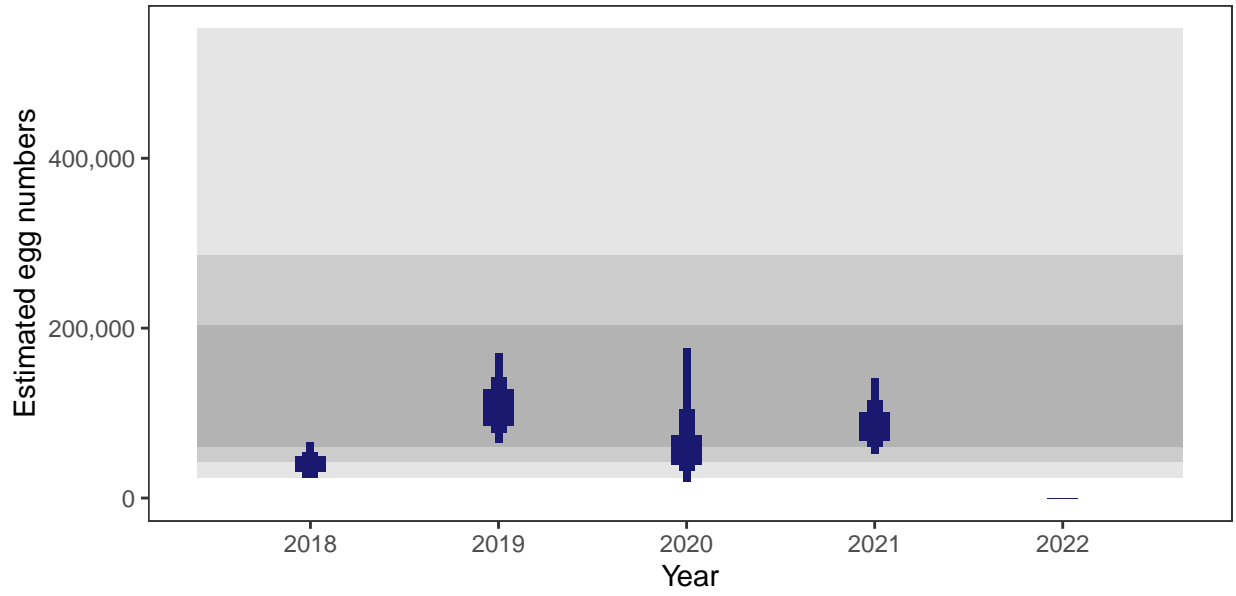### *Areas of salmon habitat in square meters*

There is an estimated 55,971 square meters of known salmon habitat in the Balgy River and a further 4,135 square meters where salmon may be present.
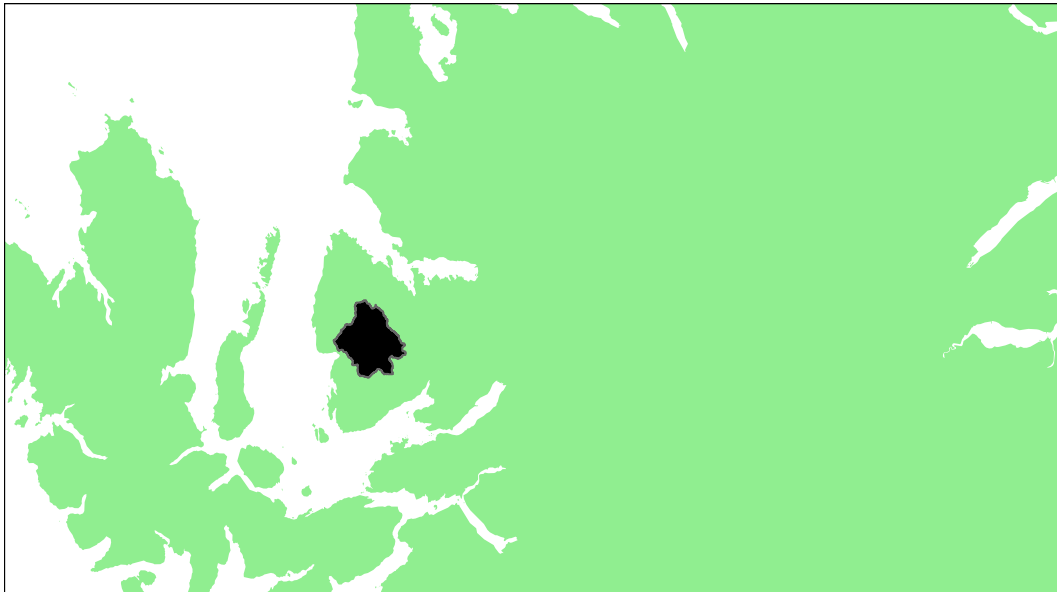
Egg requirement

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)
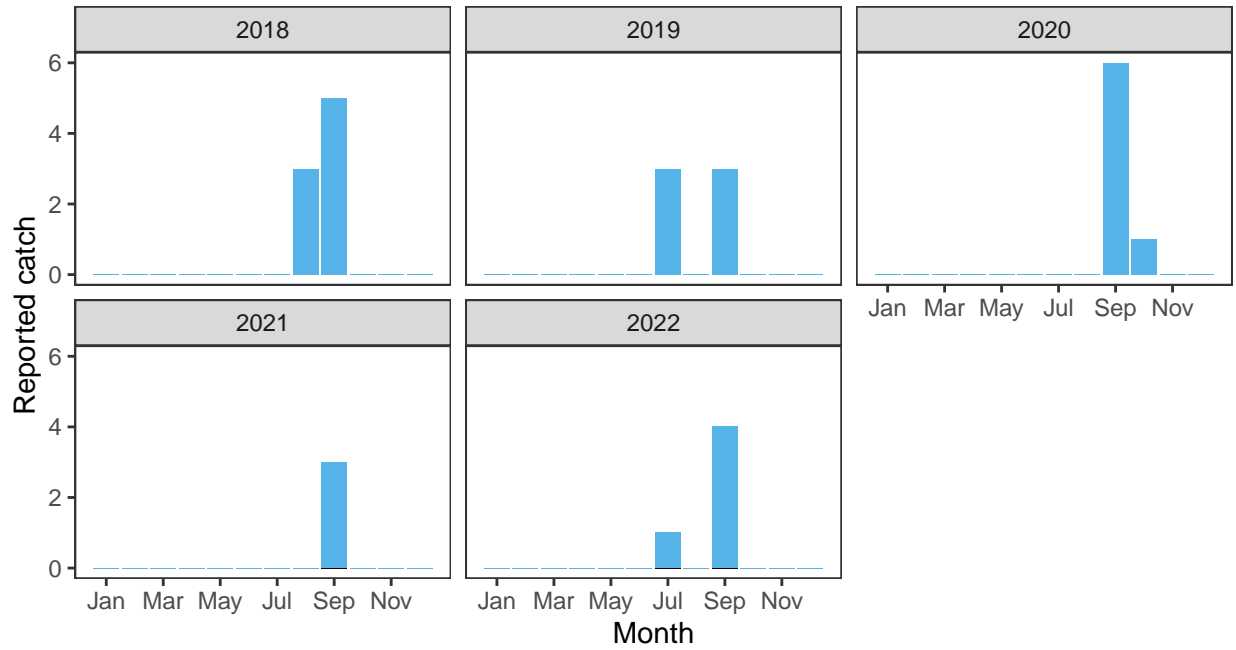
River Applecross: Grade 3

Summary Table

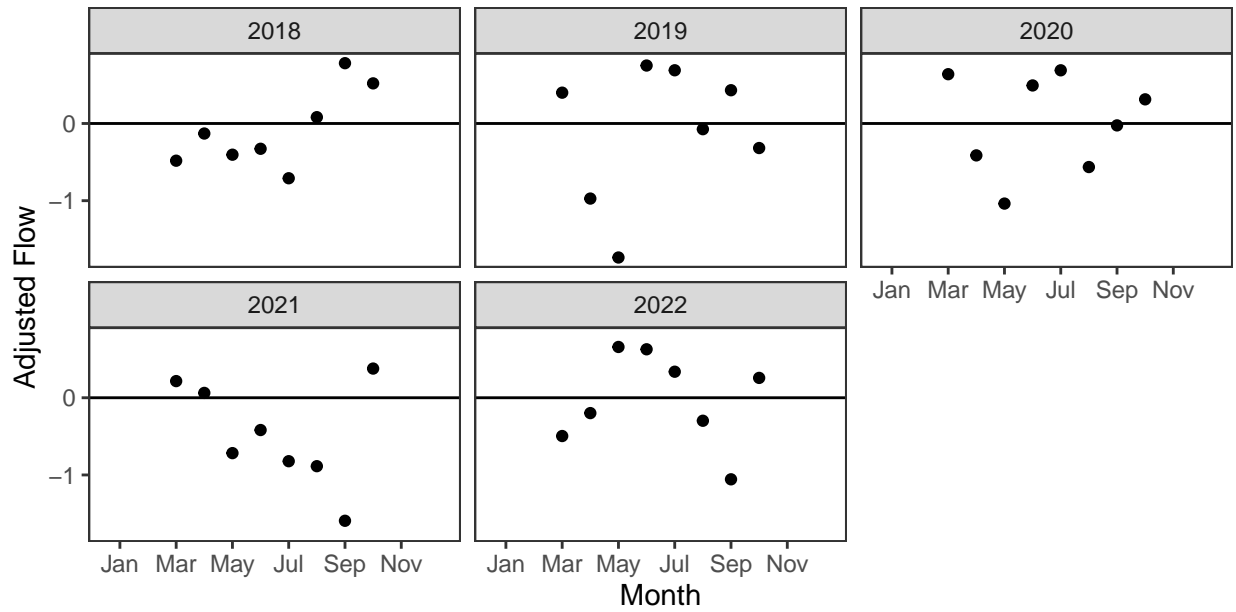| Eggs required $(m^2)^a$ | Area $(m^2)^a$ | Total egg requirement^a | Percentage chance meeting requirement | | | | | | Grade |
			2018	2019	2020	2021	2022	Overall	
1.73	129,000	223,000	13.79	12.92	9.15	5.31	10.95	0.10424	3

^{a} Figures presented are median values

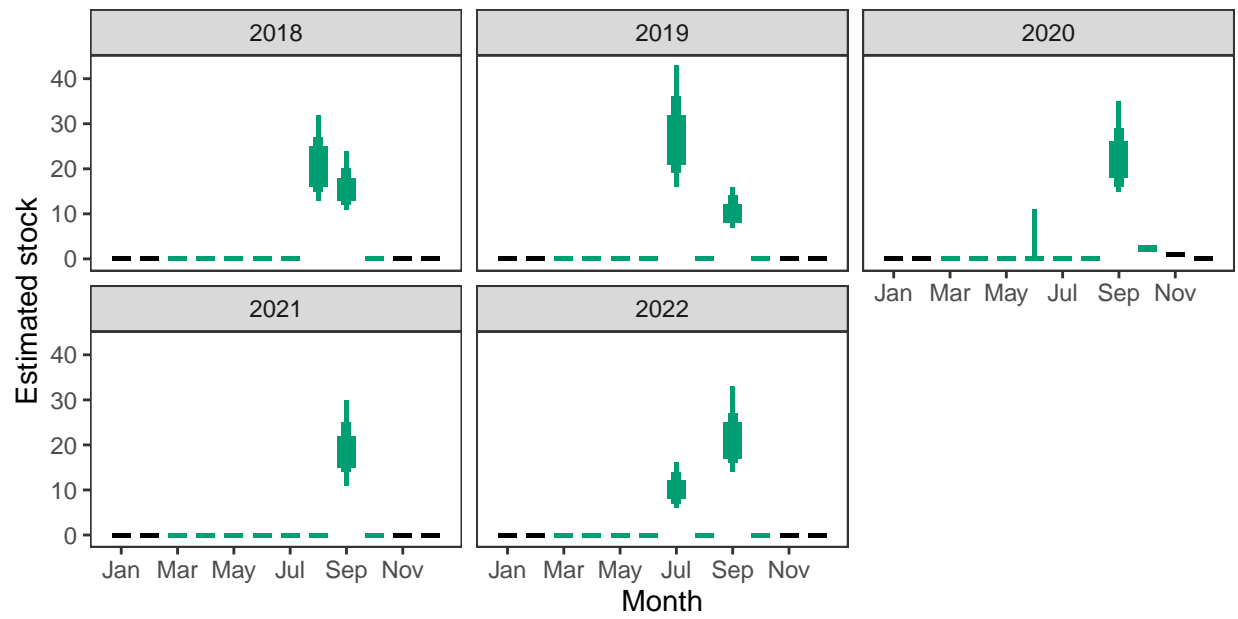# 1. Converting Reported Catches to Numbers of Returning Salmon

Reported Catches (black = retained, blue = released)
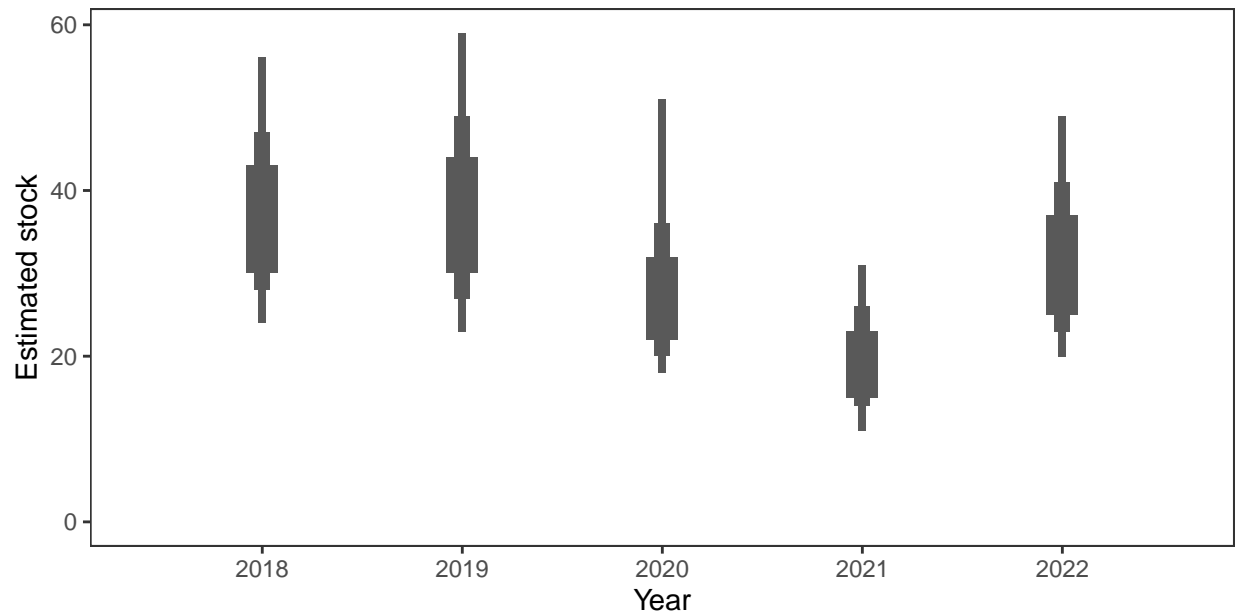

Monthly flow data
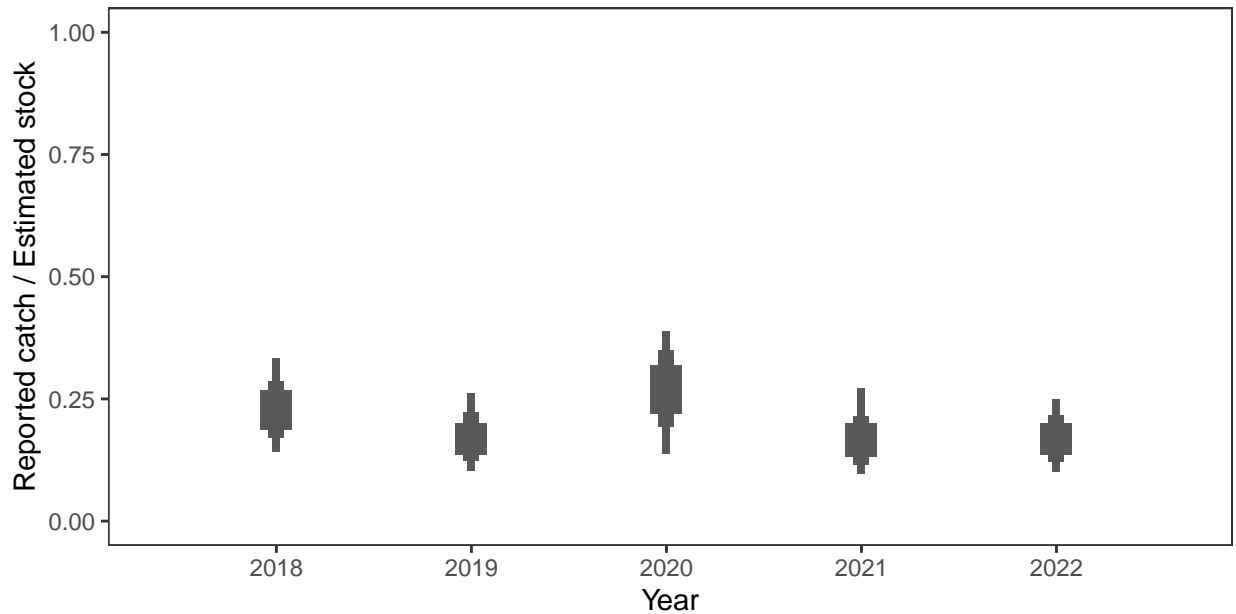
Monthly stock estimates (out of season in black)

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

Annual estimated stock

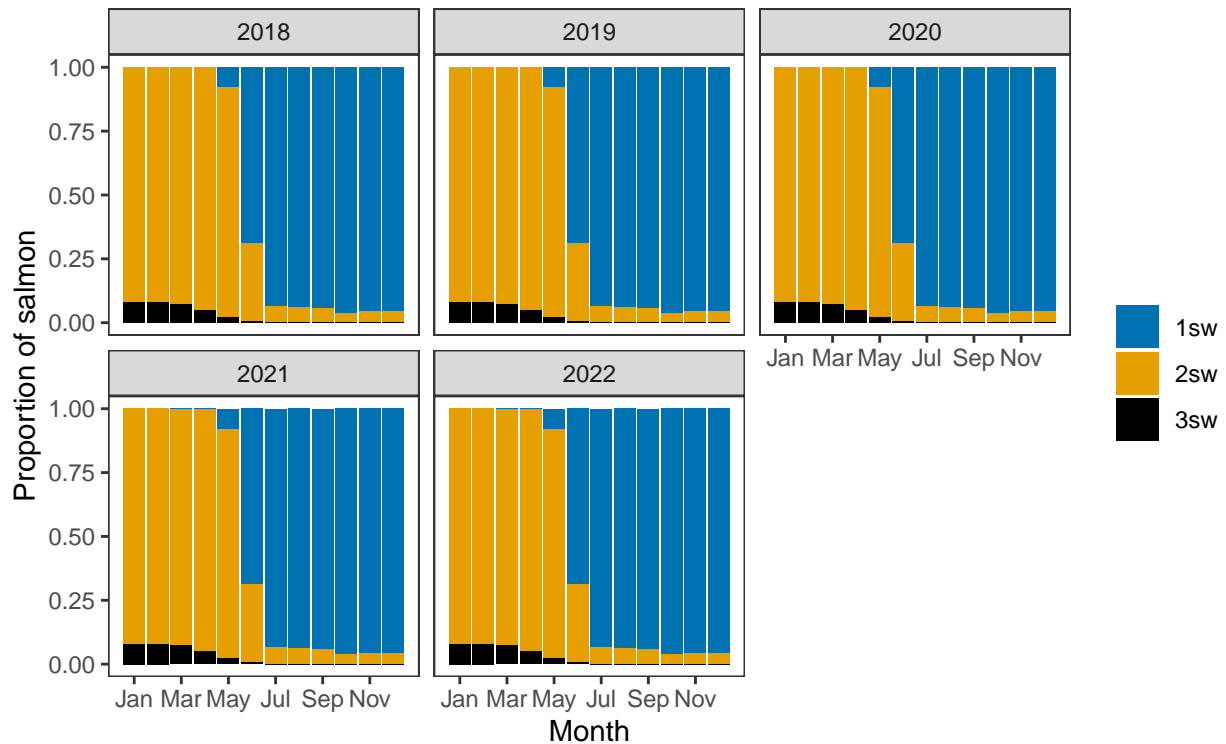Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Annual catch as a proportion of stock

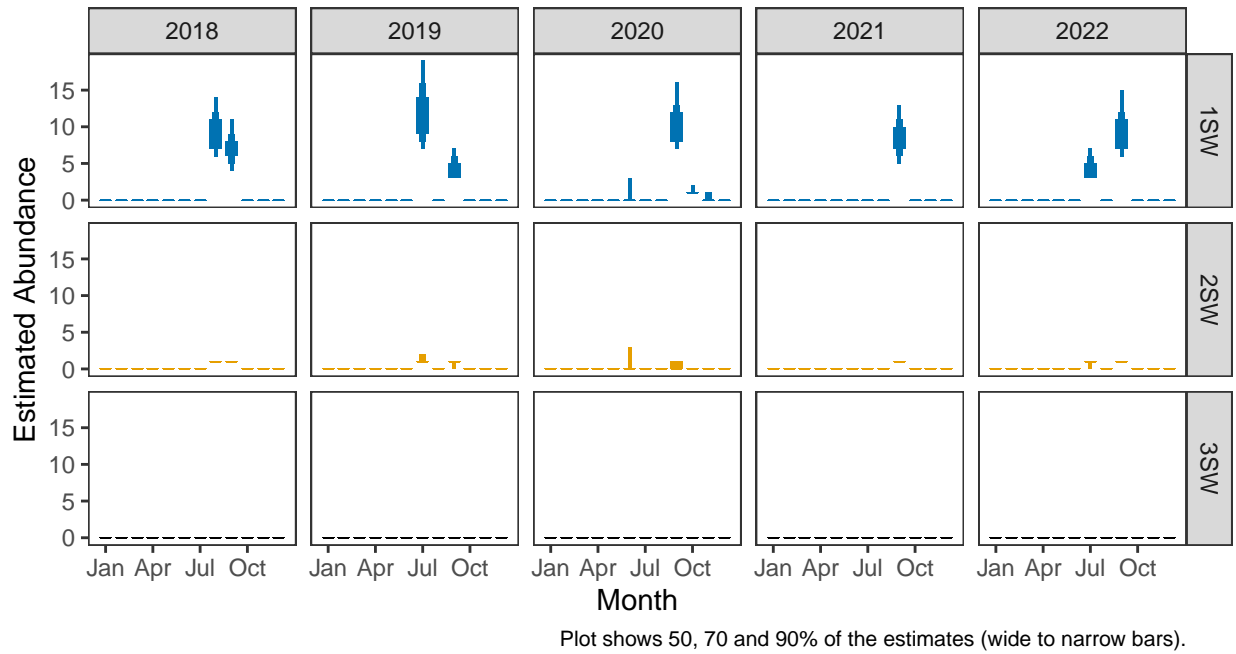Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

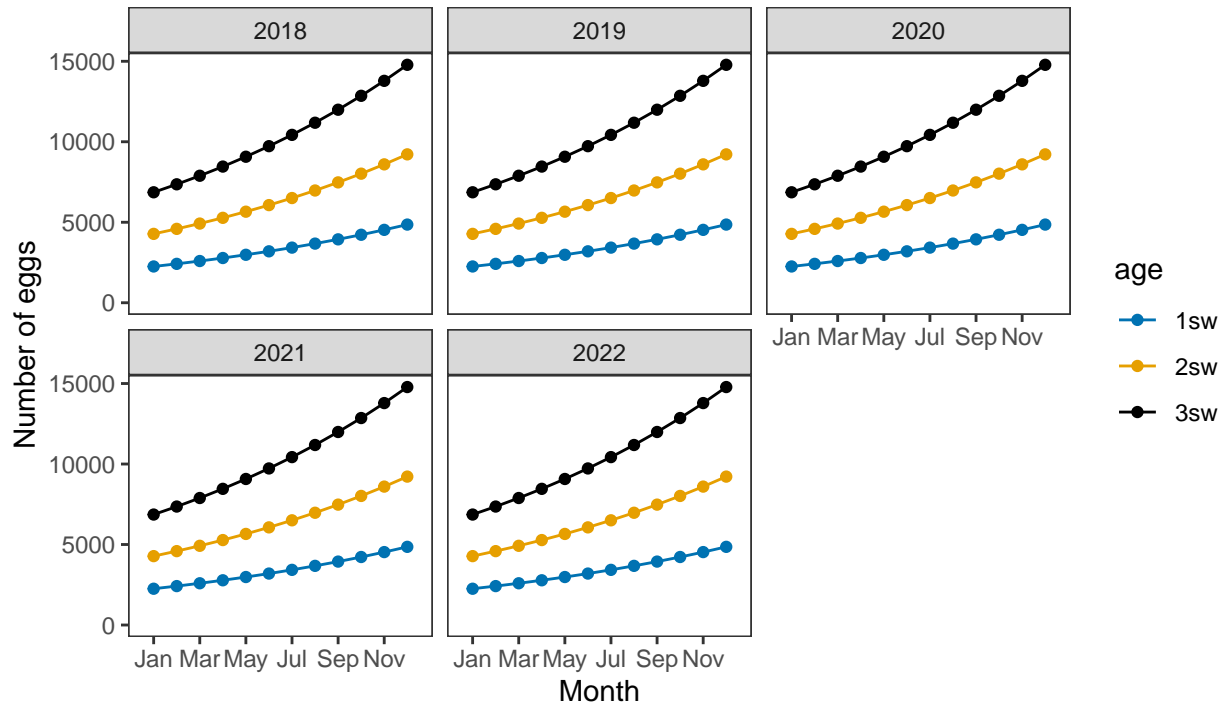## 2. Converting Numbers of Returning Salmon to Numbers of Spawning Females

Ages of fish

Monthly number of spawning females

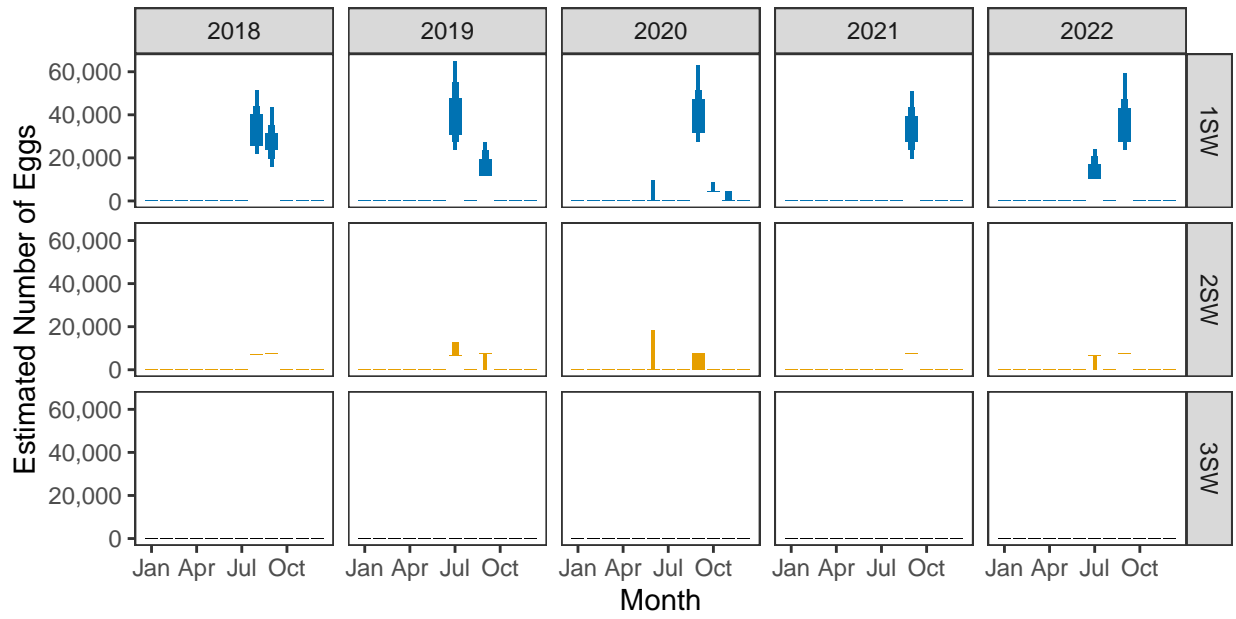Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

3. Converting Number of Spawners to Number of Eggs

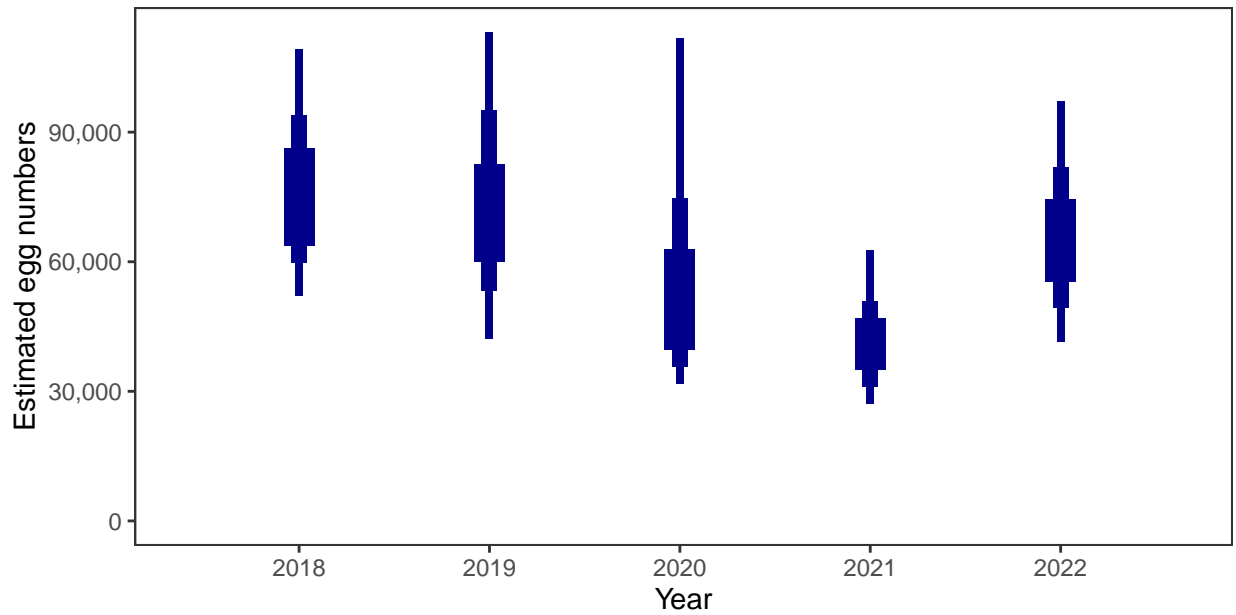*Egg contents of females*

Monthly number of eggs

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

Total annual egg numbers

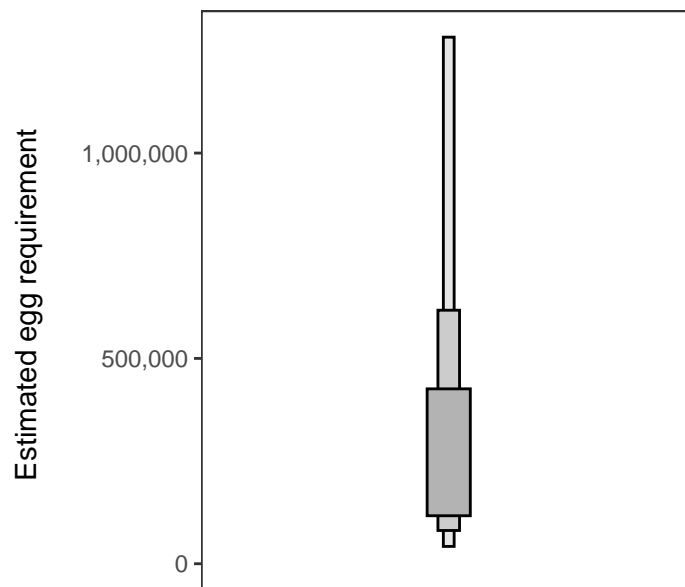Plot shows 50, 70 and 90% of the estimates (wide to narrow bars).

Year	Percentage above
2018	13.79
2019	12.92
2020	9.15
2021	5.31
2022	10.95

4. Egg requirement

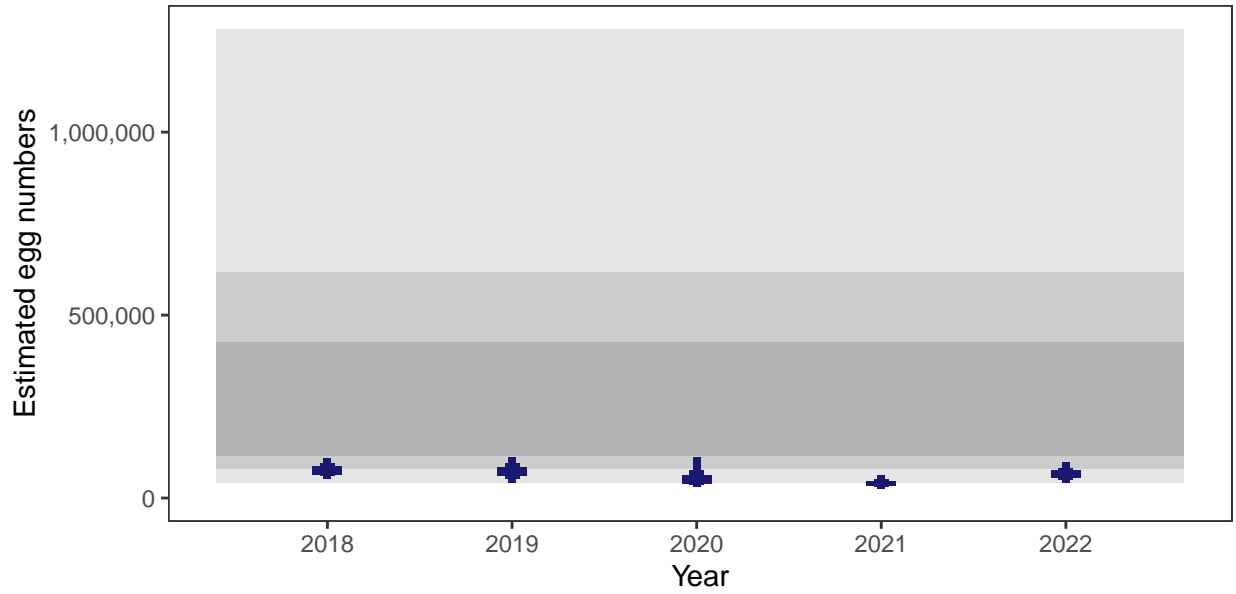### *Areas of salmon habitat in square meters*

There is an estimated 123,174 square meters of known salmon habitat in the River Applecross and a further 46,064 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)