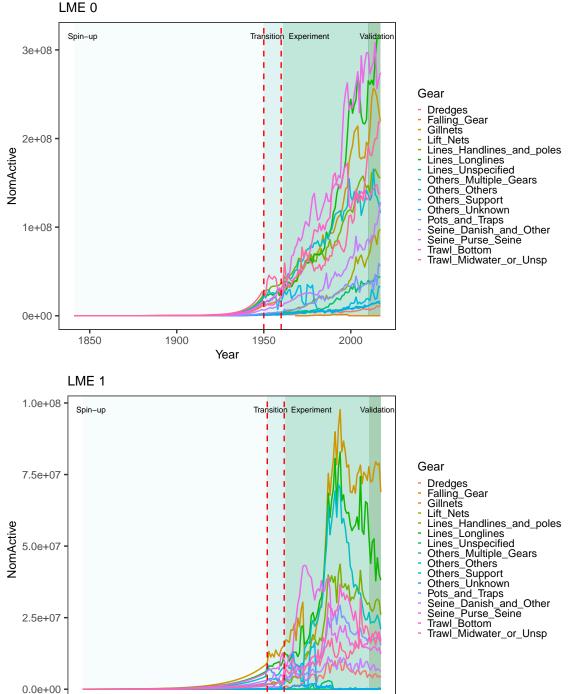
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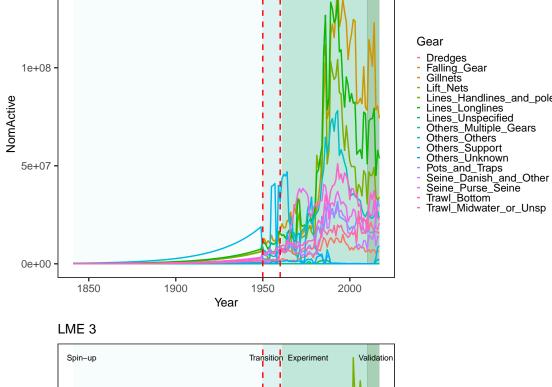
Year

## page 2 of 34

Transition Experiment

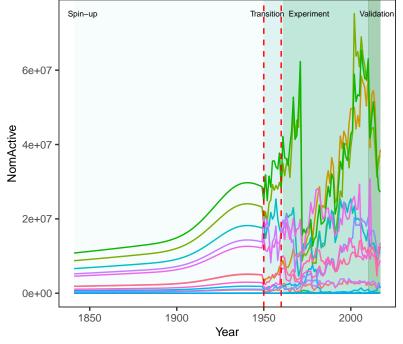
### LME 2

Spin-up



Validation

- Falling\_Gear
- Lines\_Handlines\_and\_poles



- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lift\_Nets
  Lines\_Handlines\_and\_poles
  Lines\_Longlines
  Lines\_Unspecified
  Others\_Multiple\_Gears
  Others\_Others
  Others\_Unknown
  Pots\_and\_Traps
  Seine\_Danish\_and\_Other
  Seine\_Purse\_Seine
  Trawl\_Bottom
  Trawl\_Midwater\_or\_Unsp

page 3 of 34



6e+07 -

0.0e+00

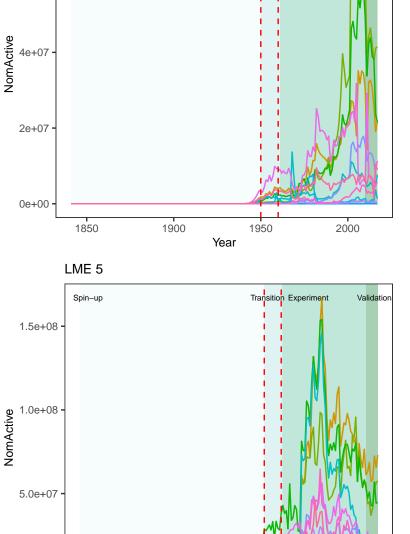
1850

1900

1950

Year

Spin-up



#### Gear

Validation

- **Dredges**
- Falling\_Gear
- Gillnets
- Lift Nets
- Lines\_Handlines\_and\_poles
- Lines\_Longlines
- Lines\_Unspecified
  Others\_Multiple\_Gears
- Others\_Others
  Others\_Support
  Others\_Unknown

- Others\_Ohitown
  Pots\_and\_Traps
  Seine\_Danish\_and\_Other
  Seine\_Purse\_Seine
  Trawl\_Bottom
  Trawl\_Midwater\_or\_Unsp

#### Gear

- Dredges Falling\_Gear Gillnets
- Lift\_Nets

2000

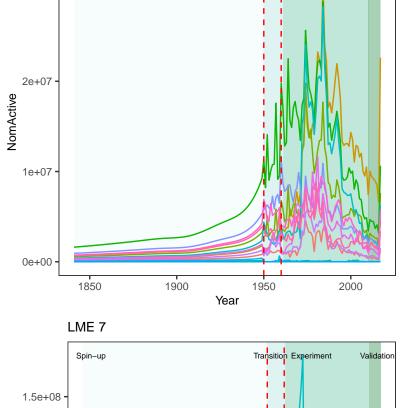
Lift\_Nets
Lines\_Handlines\_and\_poles
Lines\_Longlines
Lines\_Unspecified
Others\_Multiple\_Gears
Others\_Others
Others\_Unknown
Pots\_and\_Traps
Seine\_Danish\_and\_Other
Seine\_Purse\_Seine
Trawl\_Bottom
Trawl\_Midwater\_or\_Unsp

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3e+07

Spin-up

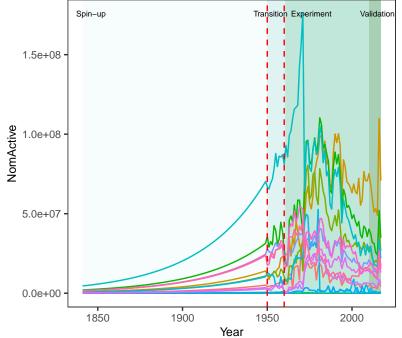


#### Gear

Validation

- Dredges
- Falling\_Gear
- Gillnets
- Lift Nets
- Lines\_Handlines\_and\_poles Lines\_Longlines
- Lines\_Longines
  Lines\_Unspecified
  Others\_Multiple\_Gears
  Others\_Others
  Others\_Support
  Others\_Unknown

- Orleis\_Unition
  Pots\_and\_Traps
  Seine\_Danish\_and\_Other
  Seine\_Purse\_Seine
  Trawl\_Bottom
  Trawl\_Midwater\_or\_Unsp



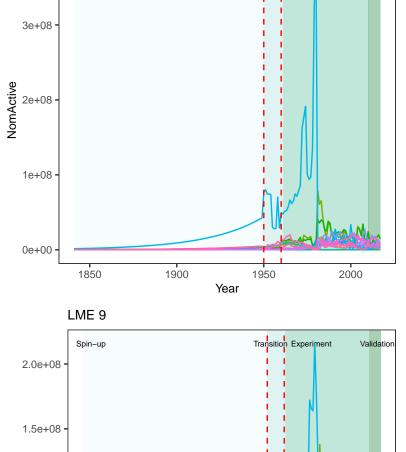
- Dredges Falling\_Gear Gillnets
- Lift\_Nets

- Lift\_Nets
  Lines\_Handlines\_and\_poles
  Lines\_Longlines
  Lines\_Unspecified
  Others\_Multiple\_Gears
  Others\_Others
  Others\_Support
  Others\_Unknown
  Pots\_and\_Traps
  Seine\_Danish\_and\_Other
  Seine\_Purse\_Seine
  Trawl\_Bottom
  Trawl\_Midwater\_or\_Unsp

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Spin-up



#### Gear

Validation

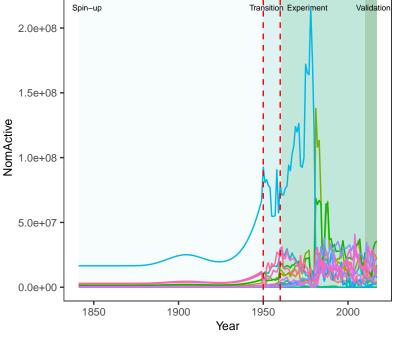
- Dredges
- Falling\_Gear
- Gillnets
- Lift Nets
- Lines\_Handlines\_and\_poles Lines\_Longlines
- Lines\_Unspecified
- Others\_Multiple\_Gears

  - Others\_Others
    Others\_Support
    Others\_Unknown

  - Pots\_and\_Traps
- Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles

- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

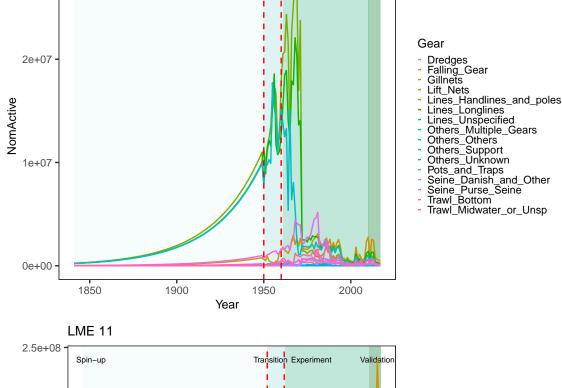


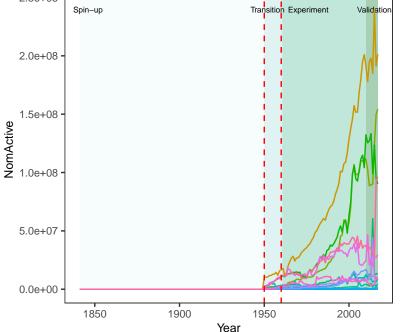
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Validation



Spin-up





- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles

- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

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Validation



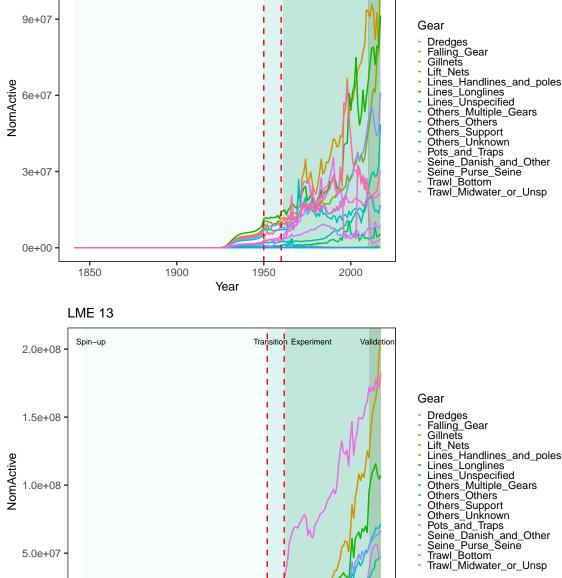
Spin-up

1.0e+08

5.0e+07 -

0.0e + 00

1850



1900

1950

Year

- Falling\_Gear
- Lines\_Handlines\_and\_poles
- Others\_Multiple\_Gears

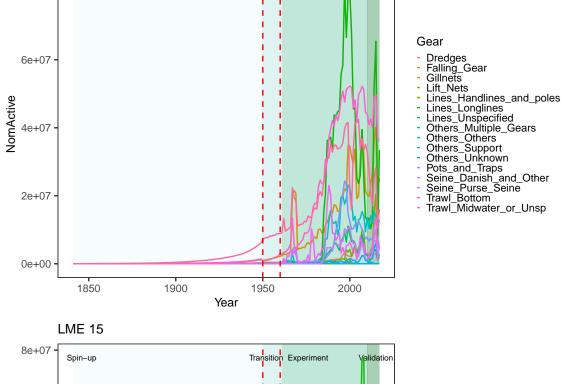
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Validation



Spin-up

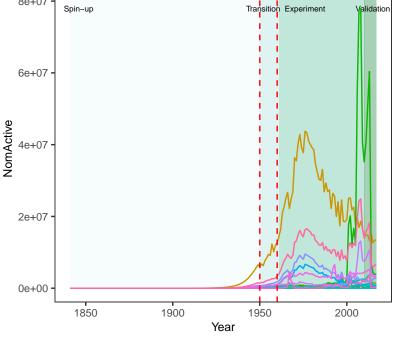
8e+07





- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles

- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

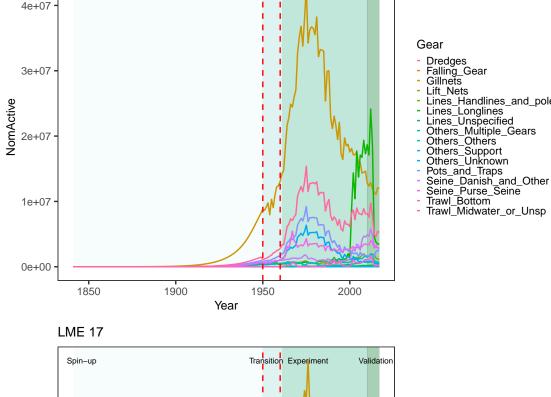


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Transition Experiment

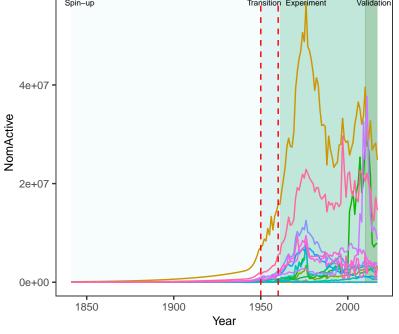


Spin-up



Validation

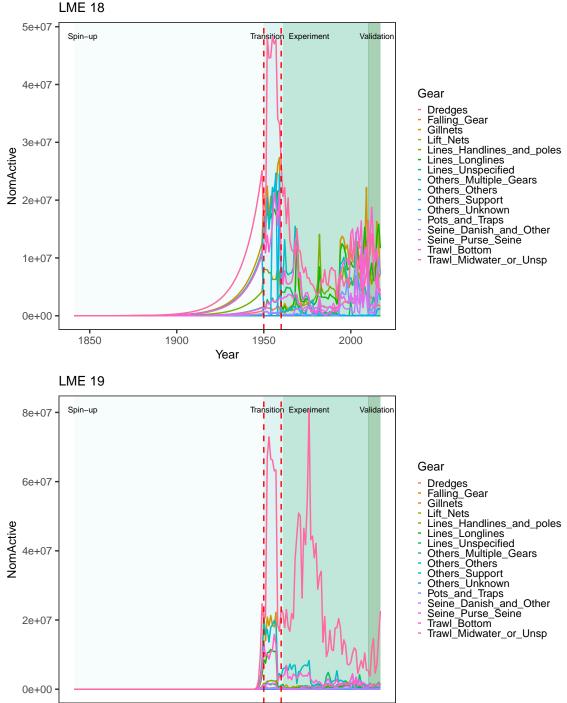
- Lines\_Handlines\_and\_poles



- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles

- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

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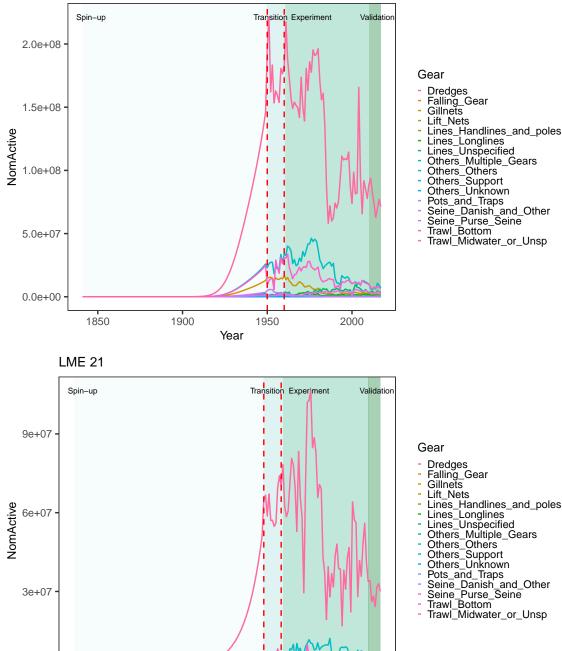
Year

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0e+00

1850

1900



1950

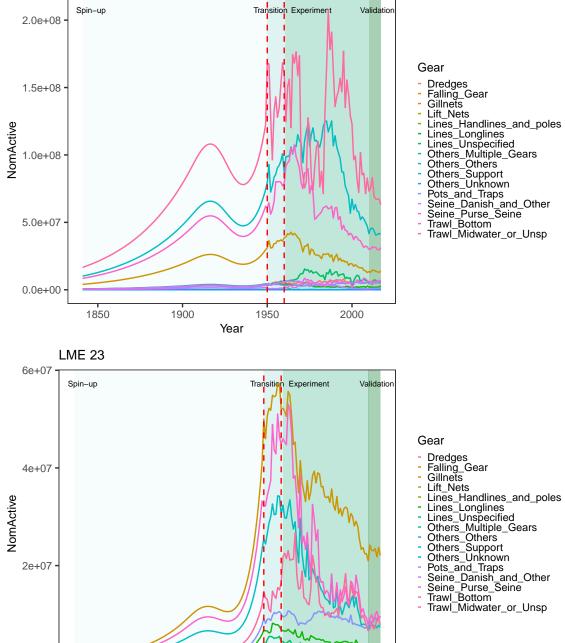
Year

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0e+00

1850

1900



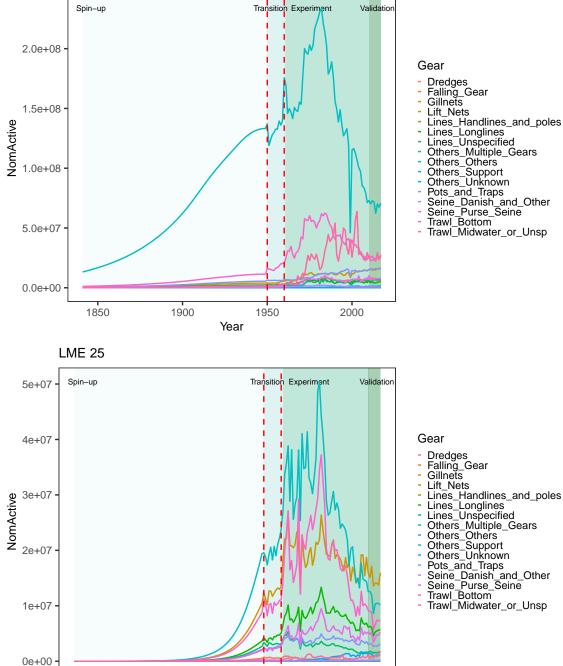
1950

Year

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1850

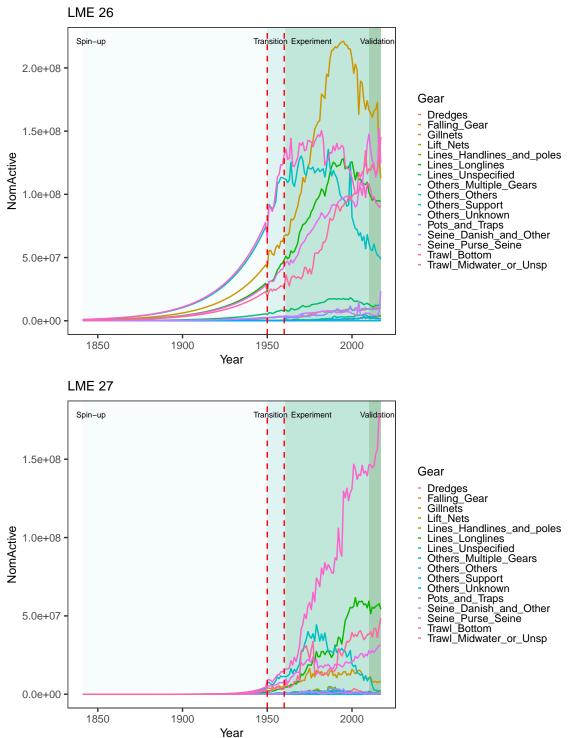
1900



1950

Year

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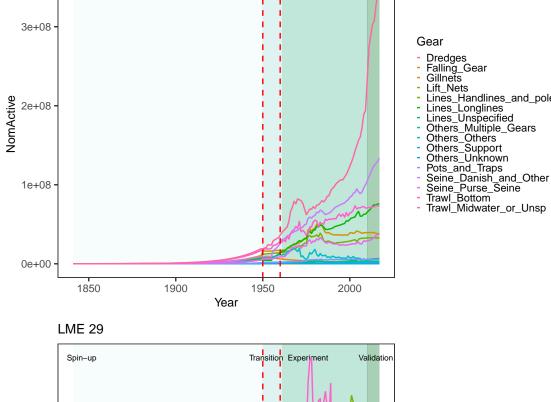


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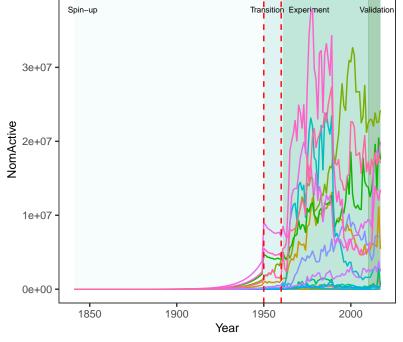
Validation



Spin-up



- Lines\_Handlines\_and\_poles
- Lines\_Unspecified
- Others\_Multiple\_Gears



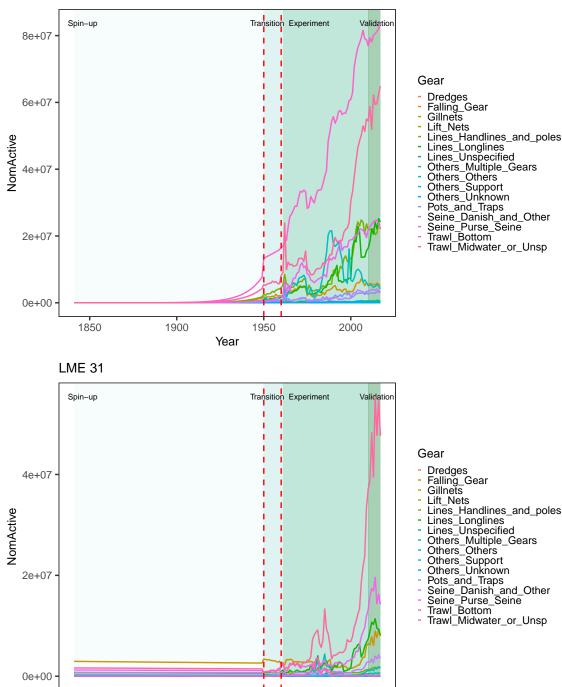
- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles

- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

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1850

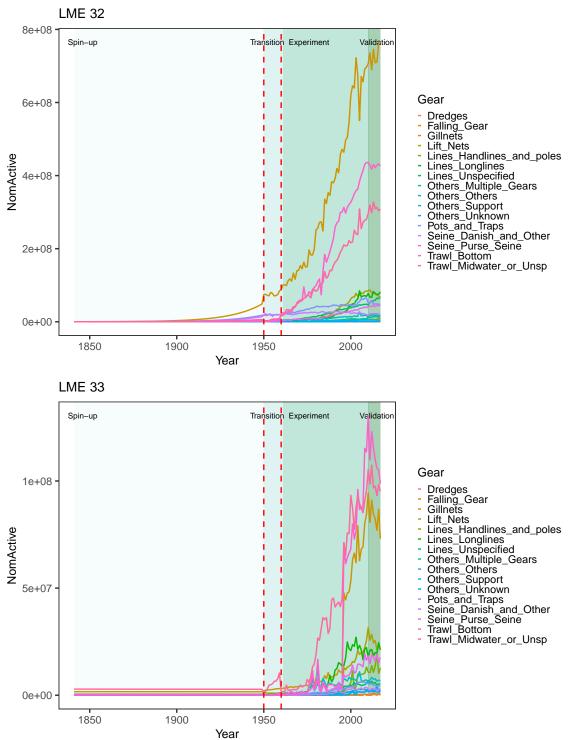
1900



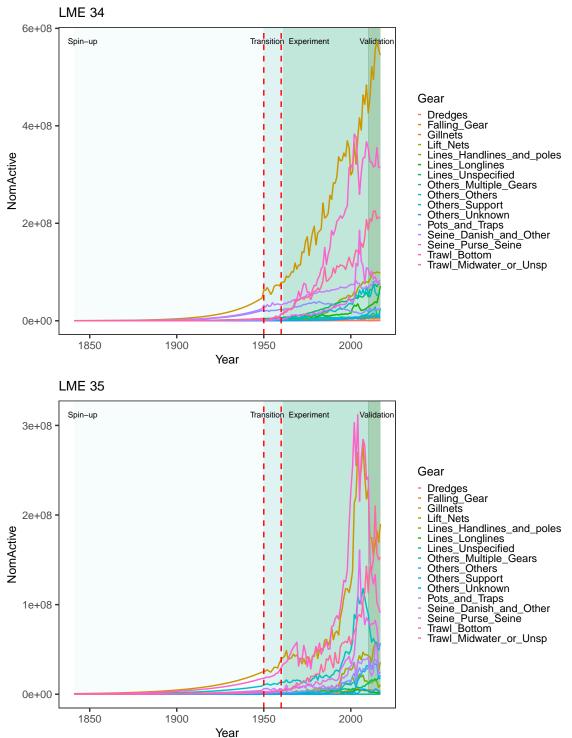
1950

Year

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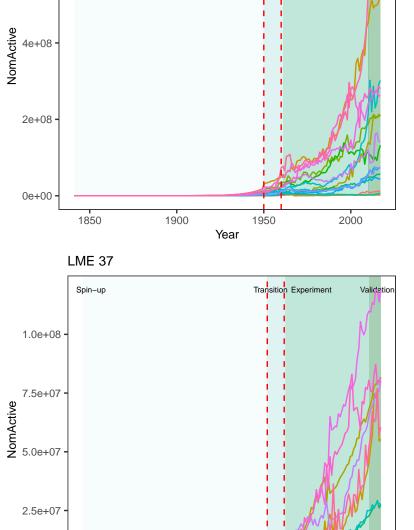


Spin-up

6e+08

0.0e + 00

1850



1900

1950

Year

#### Gear

Validation

- Dredges
- Falling\_Gear
- Gillnets
- Lift Nets
- Lines\_Handlines\_and\_poles Lines\_Longlines
- Lines\_Unspecified
- Others\_Multiple\_Gears

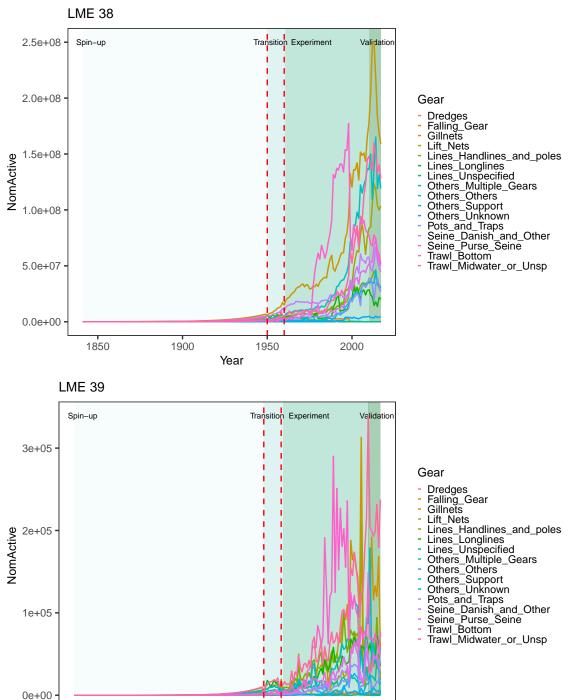
  - Others\_Others
    Others\_Support
    Others\_Unknown
  - Pots\_and\_Traps
  - Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

### Gear

- Dredges Falling\_Gear
- Gillnets
- Lift\_Nets Lines\_Handlines\_and\_poles

- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

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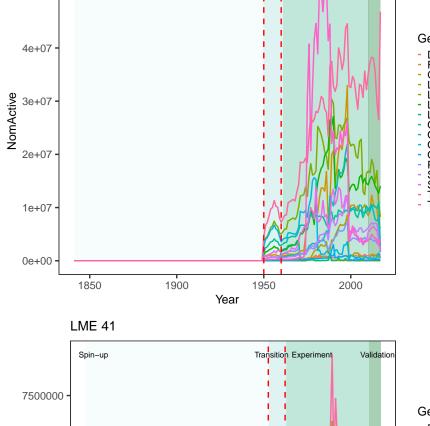
Year

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Spin-up

5e+07 ·



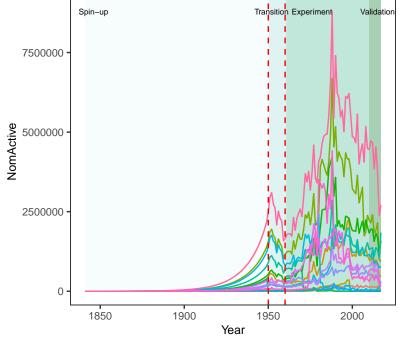
#### Gear

Validation

- **Dredges**
- Falling\_Gear
- Gillnets
- Lift Nets
- Lines\_Handlines\_and\_poles
- Lines\_Longlines Lines\_Unspecified
- Others\_Multiple\_Gears

- Others\_Others
  Others\_Support
  Others\_Unknown
- Pots\_and\_Traps

- Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp



- Dredges Falling\_Gear Gillnets

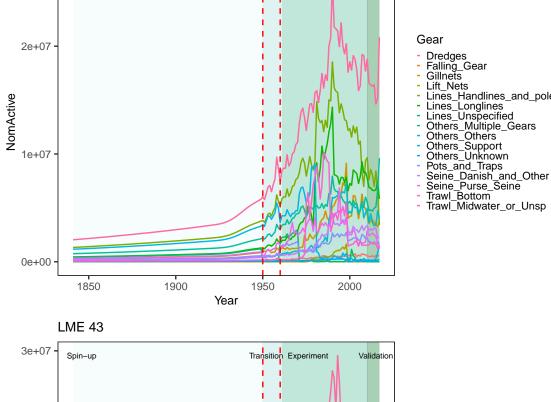
- Lift\_Nets

- Lift\_Nets
  Lines\_Handlines\_and\_poles
  Lines\_Longlines
  Lines\_Unspecified
  Others\_Multiple\_Gears
  Others\_Others
  Others\_Support
  Others\_Unknown
  Pots\_and\_Traps
  Seine\_Danish\_and\_Other
  Seine\_Purse\_Seine
  Trawl\_Bottom
  Trawl\_Midwater\_or\_Unsp

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Spin-up

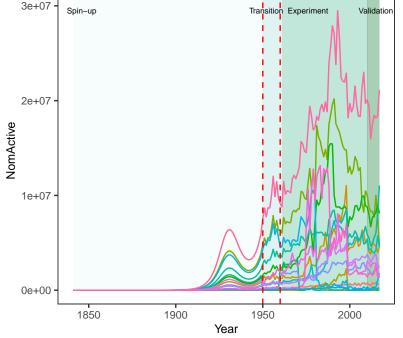


- Dredges
- Falling\_Gear
- Gillnets

Validation

- Lines\_Handlines\_and\_poles
- Lines\_Longlines
- Lines\_Unspecified
- Others\_Multiple\_Gears

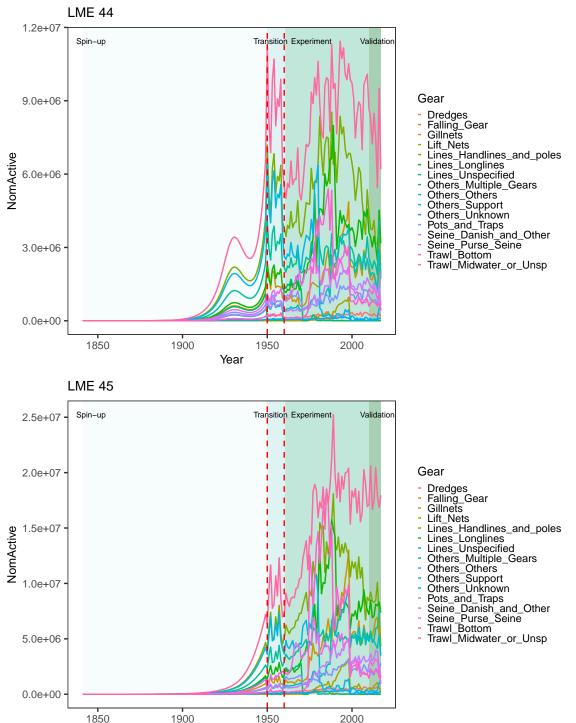
- Pots\_and\_Traps



- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles

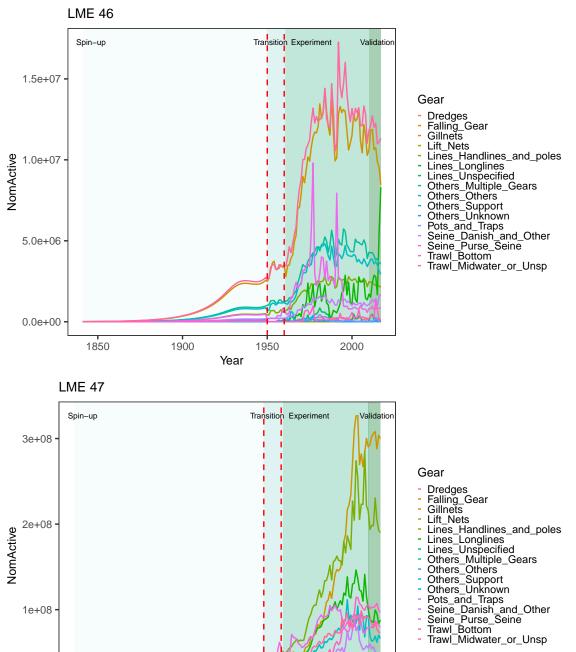
- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

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Year

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1950

Year

1e+08 -

0e+00

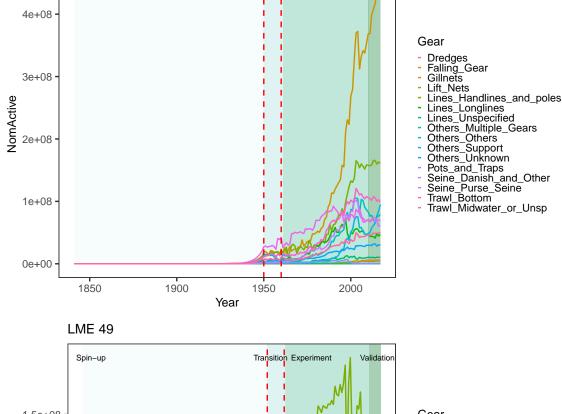
1850

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Validation



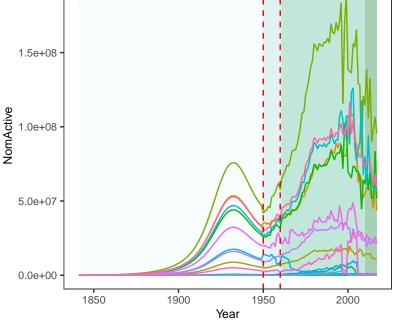
Spin-up



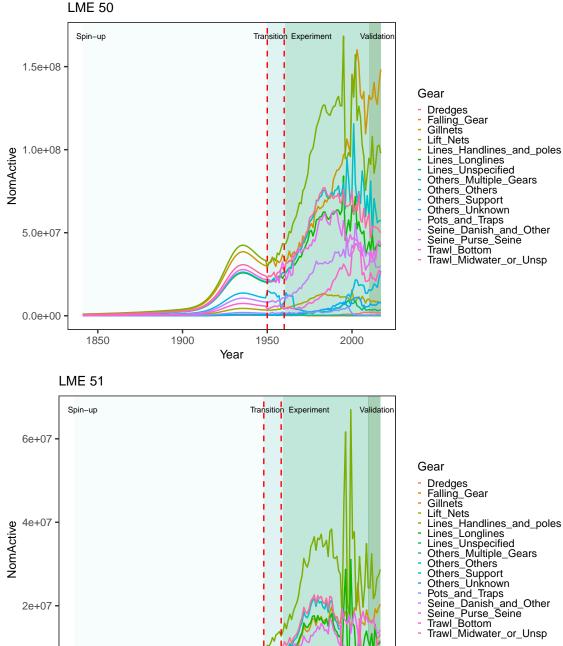
- Others\_Multiple\_Gears

- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles

- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp



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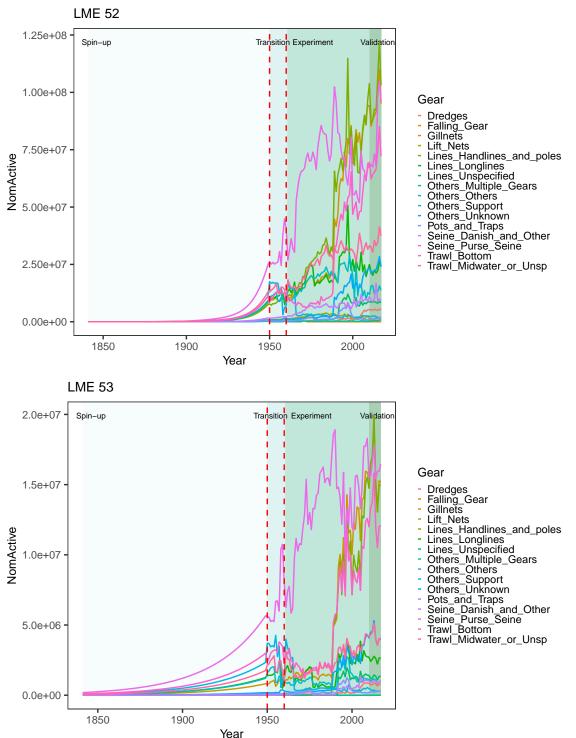
1950

Year

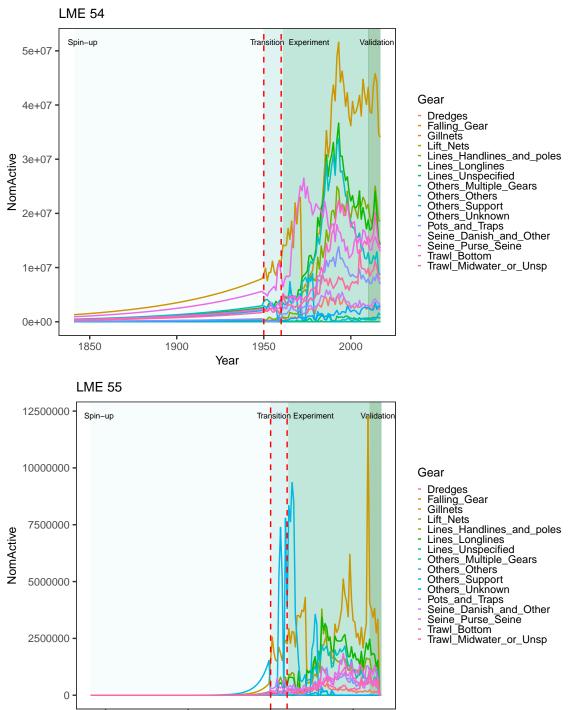
0e+00

1850

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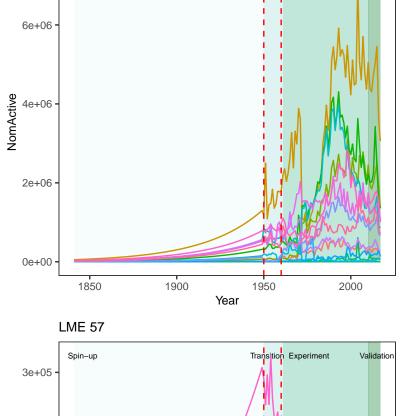
Year

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Transition Experiment



Spin-up



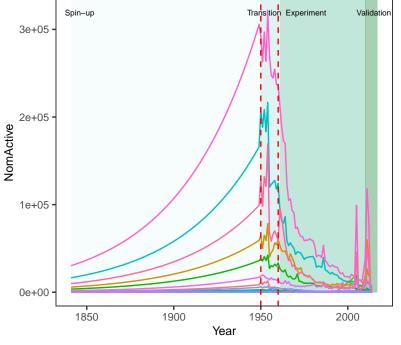
#### Gear

Validation

- **Dredges**
- Falling\_Gear
- Gillnets
- Lift Nets
- Lines\_Handlines\_and\_poles Lines\_Longlines
- Lines\_Unspecified
- Others\_Multiple\_Gears

- Others\_Others
  Others\_Support
  Others\_Unknown
- Pots\_and\_Traps

- Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp



- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles

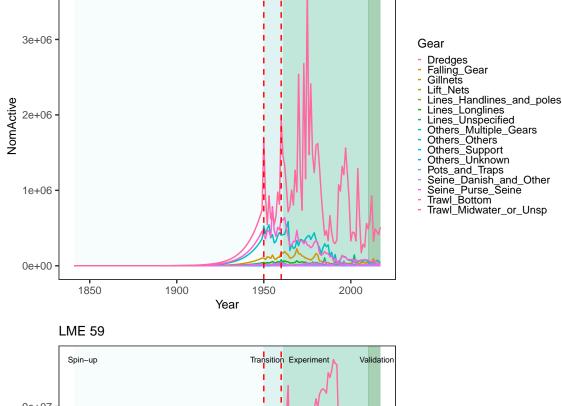
- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

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Transition Experiment



Spin-up

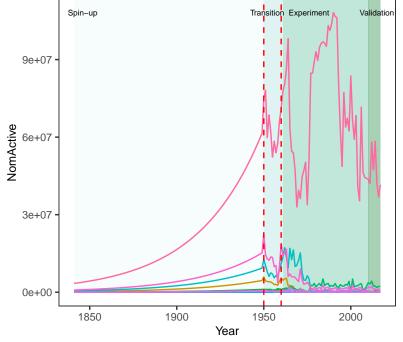


- **Dredges**
- Falling\_Gear

Validation

- Lines\_Longlines
- Lines\_Unspecified
- Others\_Multiple\_Gears

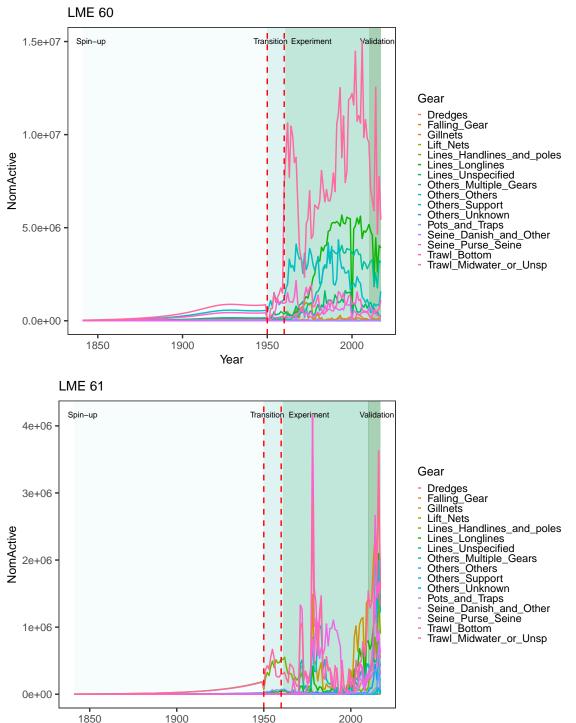
- Pots\_and\_Traps



- Dredges Falling\_Gear Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles

- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

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Year

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### **LME 62**

Spin-up

3e+06

2e+06

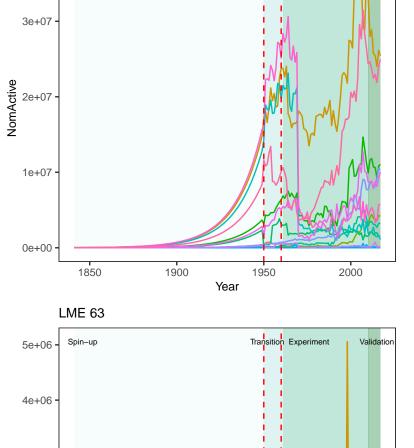
1e+06 -

0e+00

1850

1900

NomActive



#### Gear

Validation

- **Dredges**
- Falling\_Gear
- Gillnets
- Lift\_Nets
- Lines\_Handlines\_and\_poles Lines\_Longlines
- Lines\_Unspecified Others\_Multiple\_Gears

- Others\_Others
  Others\_Support
  Others\_Unknown
- Pots\_and\_Traps

- Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

### Gear

- Dredges Falling\_Gear
- Gillnets
- Lift\_Nets Lines\_Handlines\_and\_poles

- Lines\_Handlines\_and\_pole Lines\_Longlines Lines\_Unspecified Others\_Multiple\_Gears Others\_Others Others\_Unknown Pots\_and\_Traps Seine\_Danish\_and\_Other Seine\_Purse\_Seine Trawl\_Bottom Trawl\_Midwater\_or\_Unsp

2000

1950

Year

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Spin-up

90000

2.5e+06

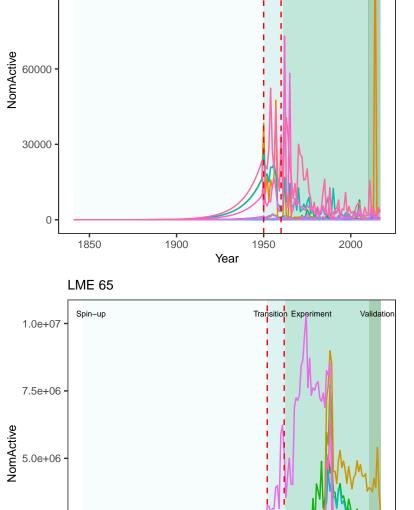
0.0e+00

1850

1900

1950

Year



#### Gear

Validation

- **Dredges**
- Gillnets
- Lift Nets
- Lines\_Handlines\_and\_poles
- Lines\_Longlines
- Lines\_Unspecified
  Others\_Multiple\_Gears

- Others\_Others
  Others\_Support
  Others\_Unknown

- Others\_Ohitown
  Pots\_and\_Traps
  Seine\_Danish\_and\_Other
  Seine\_Purse\_Seine
  Trawl\_Bottom
  Trawl\_Midwater\_or\_Unsp

#### Gear

- Dredges Falling\_Gear Gillnets
- Lift\_Nets

2000

Lift\_Nets
Lines\_Handlines\_and\_poles
Lines\_Longlines
Lines\_Unspecified
Others\_Multiple\_Gears
Others\_Others
Others\_Support
Others\_Unknown
Pots\_and\_Traps
Seine\_Danish\_and\_Other
Seine\_Purse\_Seine
Trawl\_Bottom
Trawl\_Midwater\_or\_Unsp

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