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| **Example 1** |  | **Example 2** |  |
| **Variable** | **Explanation** | **Variable** | **Explanation** |
| klima | Categorical variable, indicating «climate zone” at the lake level. Based on temperature and altitude | LengdeVvekst | Fish length at start of growing season (length the year before) |
| loknr | Location number of lake | LengdeValder | Length at age (this year) |
| periode |  | vekstaar | Year when growth occurred |
| navn | Name of lake | vekstalder | Age when growth occurred |
| kode |  | alder\_aar | Age at year |
| Lenke nr | Gillnet number | ID | Fish ID |
| M\_vidde | Gillnet mesh size | tilv\_lengde |  |
| art | Species | klima | Climate zone |
| lengde | Length of fish | loknr | Location number |
| vekt | Weight | moh | Meters above sea level |
| k | K-factor (how «fat» a fish is) | lpnr | Running number (line number) |
| v\_gonfri | Gonad weight | dato | Data |
| kjonn | Sex | aar | Year |
| stadium | State of maturation | periode | Period (don’t remember this one) |
| moden | Maturation | navn | Name of lake |
| moden1 | Maturation revised | alder | Age of fish |
| mage | Stomach content | lengde | Fish length |
| cyst | Cysts | vekt | Weight of fish |
| gen | Not sure | kjonn | sex |
| lpnr\_2 |  | moden | Maturation state of fish |
| otr | Otolith radius | moden1 | Revised maturation state |
| alder\_aar | Age at year of capture | tilvekstalder | Age of growth |
| otr\_1 |  | tilvekst | growth |
| S\_vekting | Don’t remember, but w | inst\_vekst | Instantaneous growth |
| moh |  | CPUE | Capture per unit effort (for the fishing event) |
|  |  | Temp\_mai | Temperature mean in may |
|  |  | Temp\_juni | Temperature mean in June |
|  |  | Temp\_juli | Temperature mean in July |
|  |  | nedbor\_mai | Sum of precipitation in may |
|  |  | nedbor\_juni | Sum of precipitation in June |
|  |  | nedbor\_juli | Sum of precipitation in July |
|  |  | tempratur | Mean temp during summer |
|  |  | nedbor | Sum of precipitation during summer |
|  |  | NaoV | NAO winter index |

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Cox process hazard model