

# parechinus

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This project aims to compare 8 treatments in terms of:

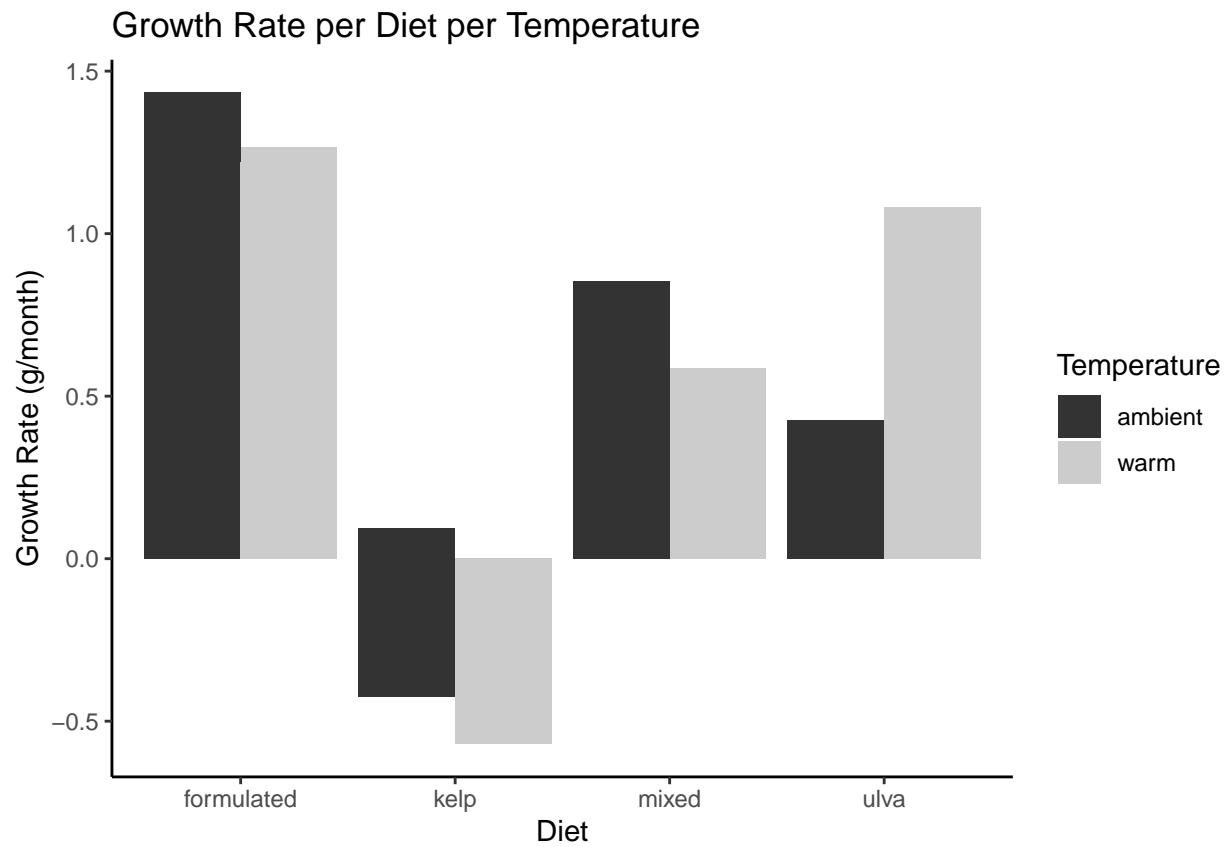
1. Somatic growth rate (g/month and cm/month)
2. Feed conversion ratio
3. Gonad quality
4. Gonad development
5. **Somatic Growth Rate**

A function is used to transform the data and calculate somatic growth rate in terms of weight gain & size increase.

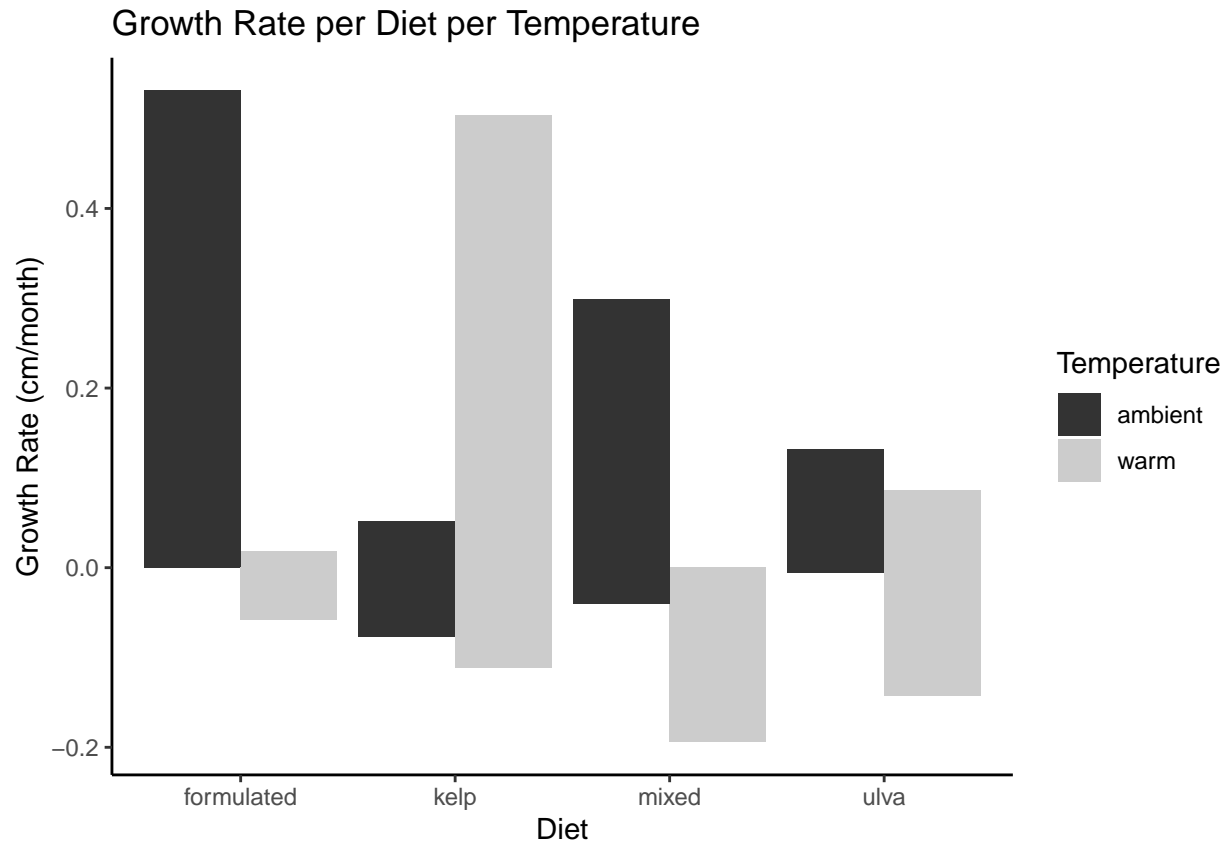
```
## Warning: Returning more (or less) than 1 row per 'summarise()' group was deprecated in
## dplyr 1.1.0.
## i Please use 'reframe()' instead.
## i When switching from 'summarise()' to 'reframe()', remember that 'reframe()'
##   always returns an ungrouped data frame and adjust accordingly.
## Call 'lifecycle::last_lifecycle_warnings()' to see where this warning was
## generated.
```

```
## 'summarise()' has grouped output by 'tank'. You can override using the
## '.groups' argument.
```

- Weight gain



- Size increase



## 2. Feed Conversion Ratio

Formula used:

$$\text{feedconsumed/weightgain}$$