

European Lobster (*Homarus gammarus*) Import to Iceland



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Objectives

- Import European lobster juveniles to Iceland from UK and Norway
- Perform growth and survival tests in two different setups with flow-through of very clean borehole water and semi-RAS using surface seawater
- Monitor growth at different temperatures and follow environmental parameters
- Test commercially available Arctic char feed as it has a very similar overall combination as the lobster feed developed by NLF
- Respiration tests

Lobster transport



Lobsters from UK:

(Age 6 weeks)

Arrived in circular trays in plastic bags with added oxygen

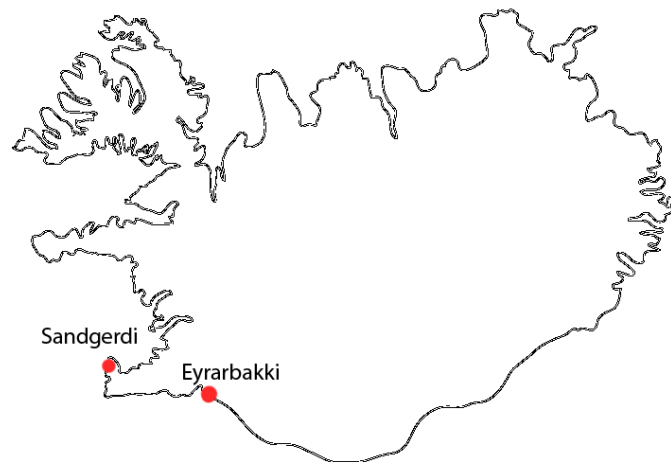
Lobsters from IMR:

(Age 22 months)

Arrived in a styrofoam box, wrapped in moist newspaper



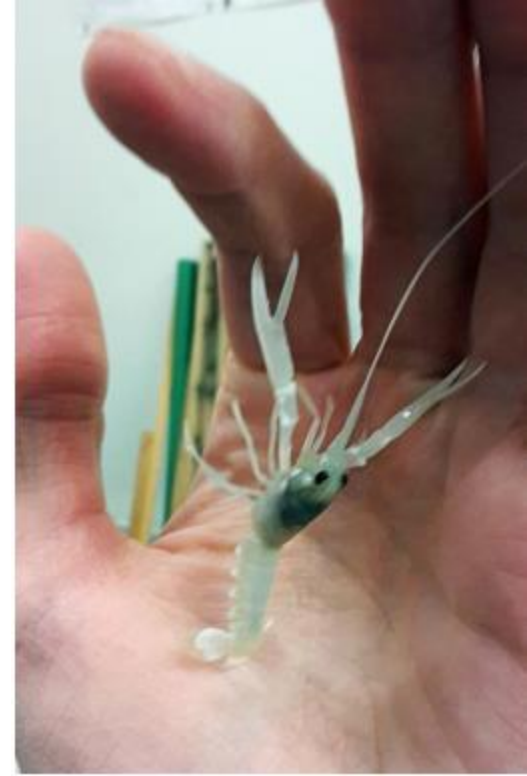
Experimental setup



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Drill hole sea water, flow through		Surface sea water, semi RAS	
IMR lobsters from Norway		NLH lobster from UK	NLH lobster from UK
10°C	16°C	16°C	17°C



Environment

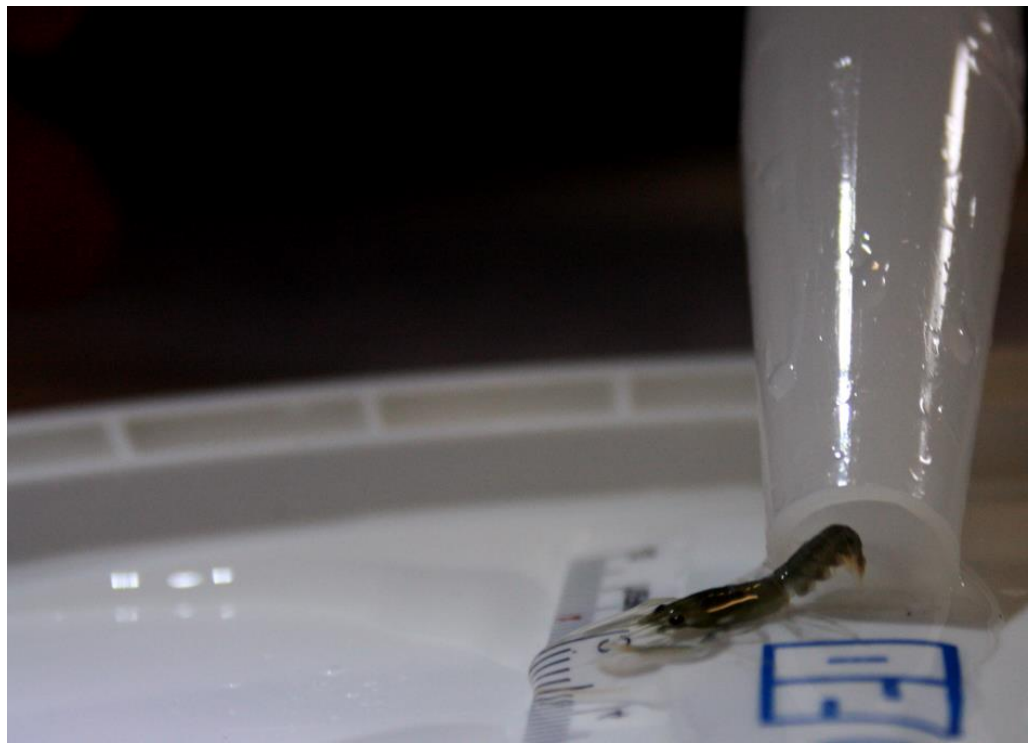


T : 10°C and 16/17°C

Salinity: 33 ppt

DO : >91%

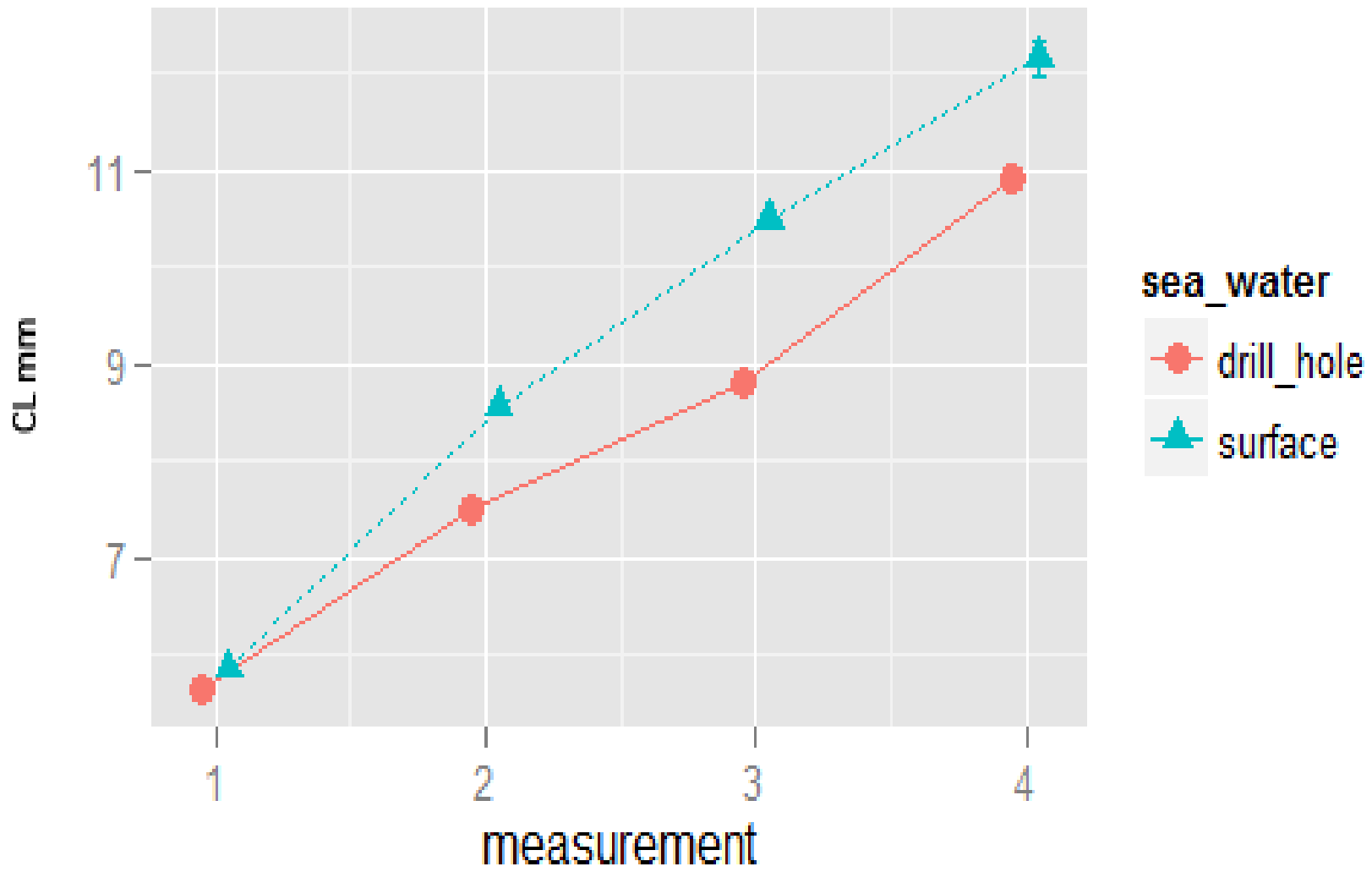
CO₂ : 13.7-16.2 mg/L

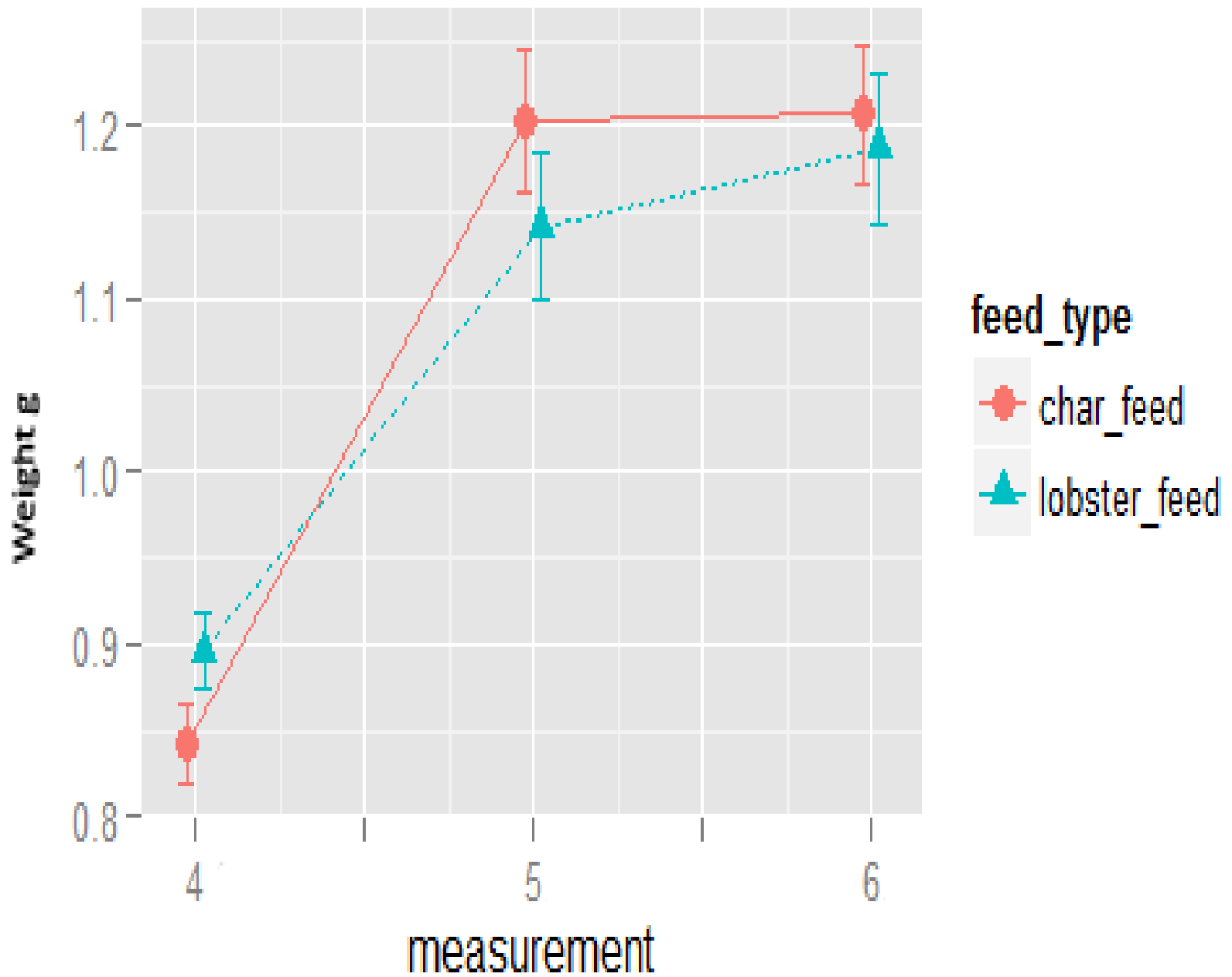


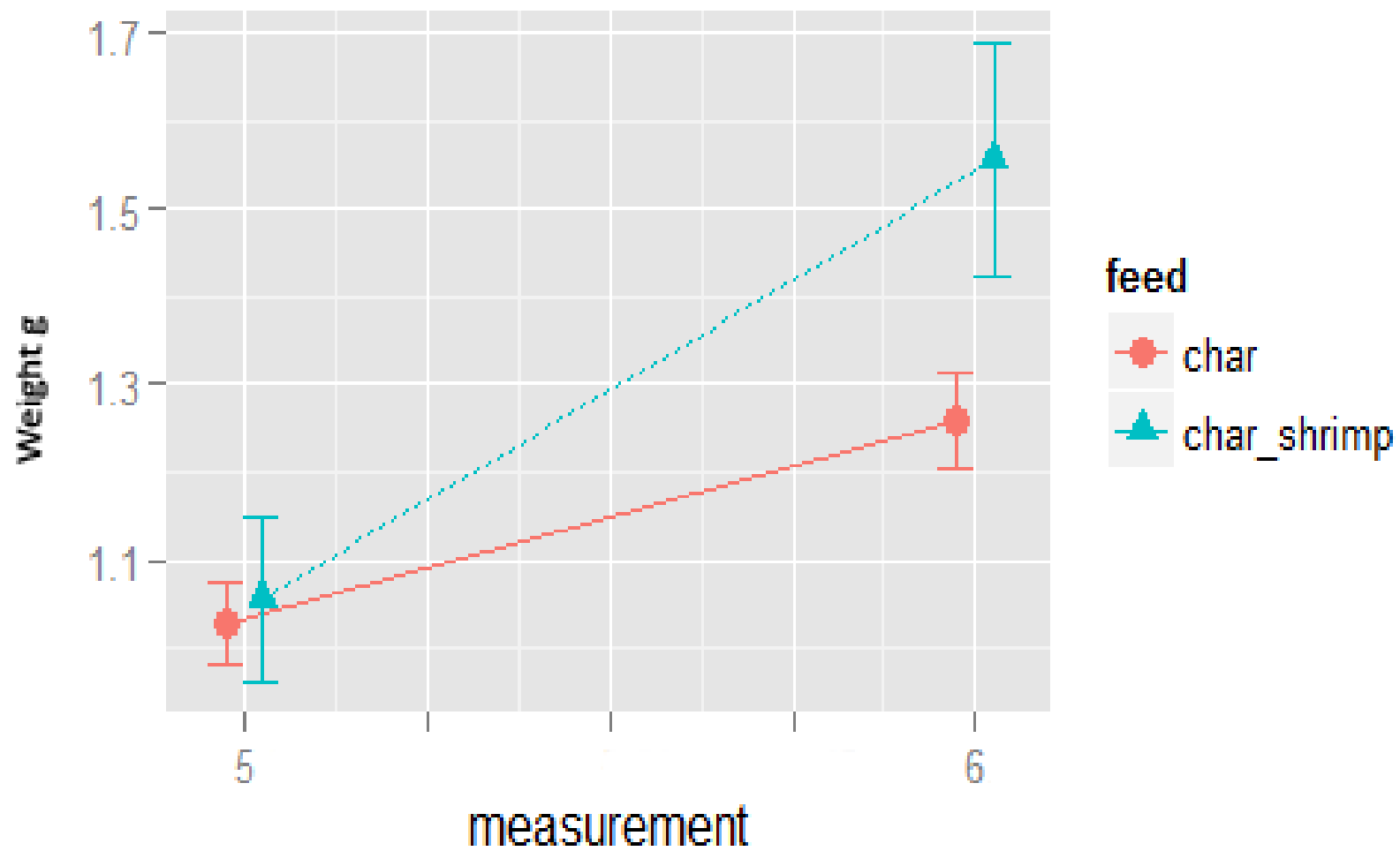


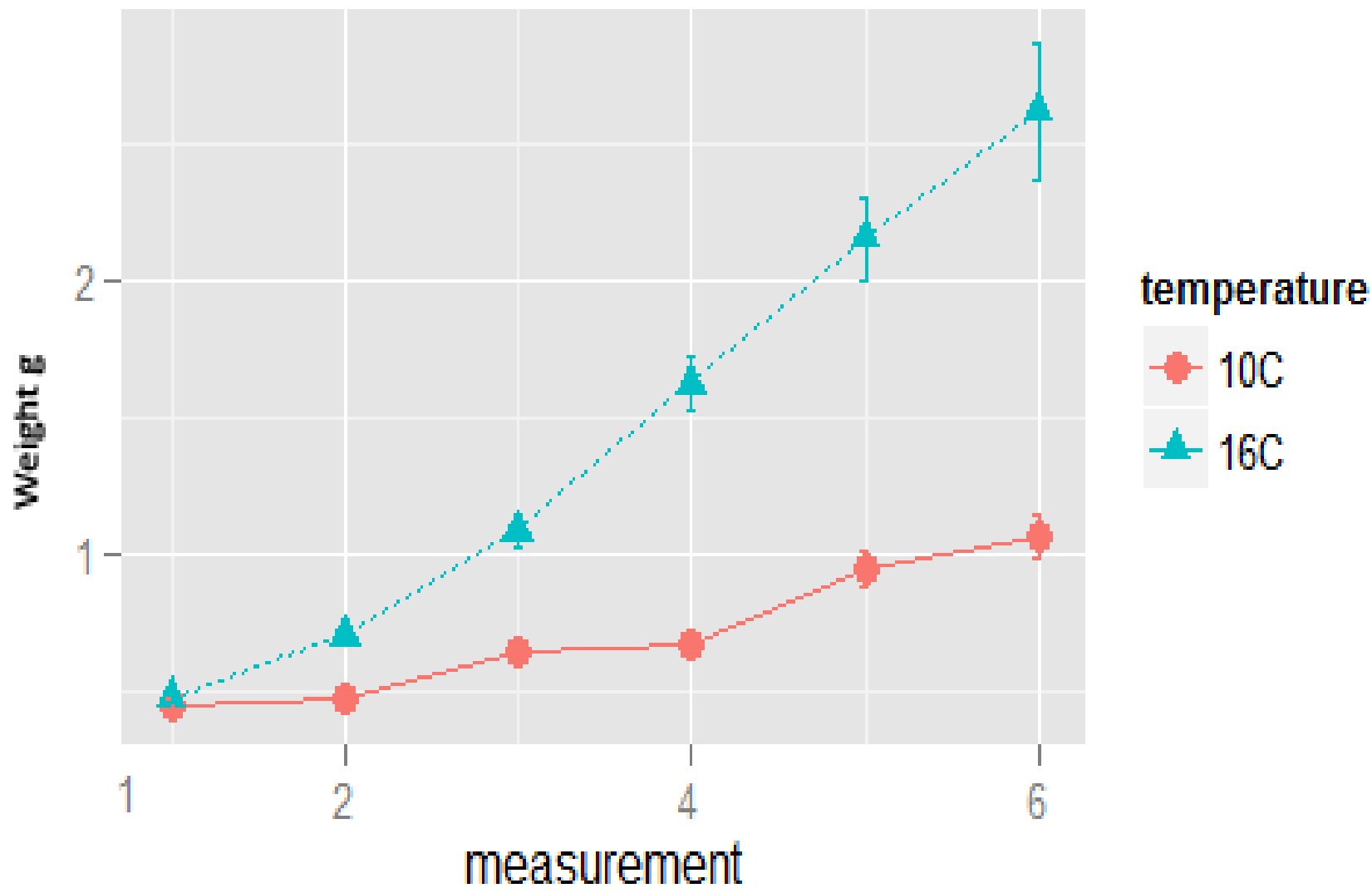
formities



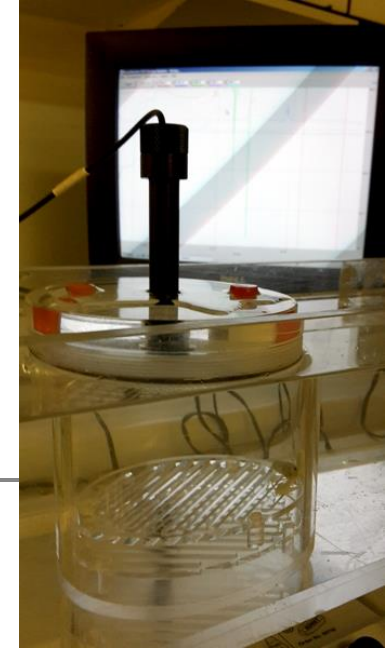




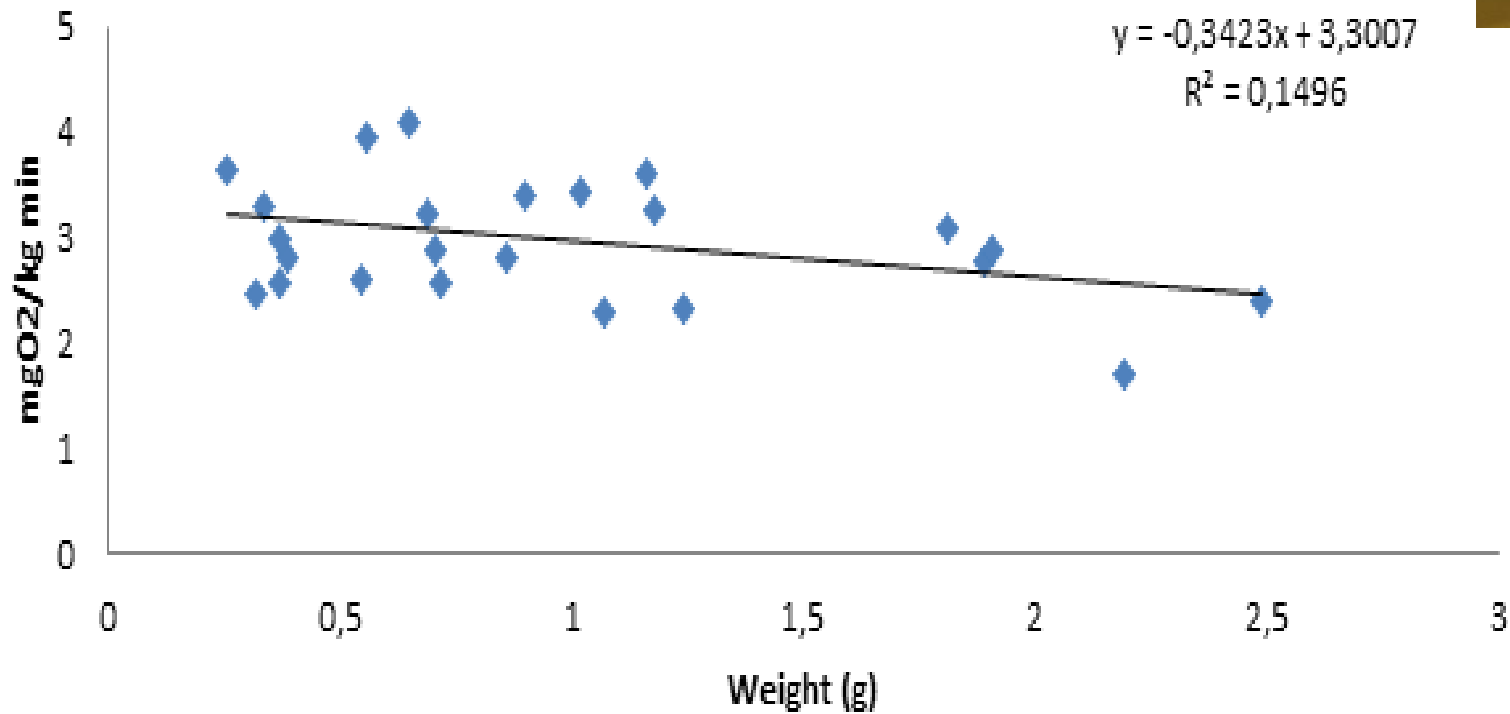




Respiration tests



Respiration 16°C





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<http://eurolobster.svinna.is/>

