

## **Biostatistics**

### **Data Manipulation, Analyses and Visualisation**

#### **Quiz 2**

“Without data you’re just another person with an opinion.”— W. Edwards Deming

#### **Question 1**

Load in the necessary packages and explore three built in dataset (see below) by writing hypotheses and selecting the correct statistical tests to prove or disprove the hypotheses.

```
ls("package:datasets")
```

```
Orange <- datasets::Orange
```

```
ToothGrowth <- datasets::ToothGrowth
```

```
warpbreaks <- datasets::warpbreaks
```

#### **Question 2**

Analyse the SACTN dataset to compare if monthly differences exist in Sea Surface Temperature (SST) between each of the sites and source.