**Data:**

**Temperature by nutrient**

**Data: temperature by treatment:**

Chart, box and whisker chart

Description automatically generated

SPREADSHEET: RESP\_ALL\_SUMMARY\_ALL\_cleaned\_dead\_and\_broken\_outlierG28Y65\_deleted\_2\_17\_23

COMPARE: resp\_rate (column I) by N\_species (column N) and temp (column P)

Graphical user interface, application, table, Excel

Description automatically generated

Temperature matters but there is no effect of nitrate

Graphical user interface, application, table, Excel

Description automatically generated

**Data:**

**E. coli OVERALL**

Chart, box and whisker chart

Description automatically generated

SPREADSHEET: RESP\_ALL\_SUMMARY\_ALL\_cleaned\_dead\_and\_broken\_outlierG28Y65\_deleted\_2\_17\_23

COMPARE: respiration rate (column I) by N\_species (column N) and e\_coli\_plate (column F)

Graphical user interface, application, table, Excel

Description automatically generated

A picture containing text, receipt

Description automatically generated

**Data:**

**E. coli in 20C**

Chart, box and whisker chart

Description automatically generated

SPREADSHEET: RESP\_ALL\_SUMMARY\_ALL\_20C\_3\_17\_23

COMPARE: resp\_rate (column I) by N\_species (column N) and e\_coli\_plate (column F)

Row factor = E. coli

E. coli was overall significant – E. coli corals respired more

**Graphical user interface

Description automatically generated**

**A picture containing text, receipt

Description automatically generated**

**Data:**

**E. coli in 30C**

Chart, box and whisker chart

Description automatically generated

SPREADSHEET: RESP\_ALL\_SUMMARY\_ALL\_30C\_3\_17\_23

COMPARE: resp\_rate (column I) by N\_species (column N)

E. coli was NOT overall significant – E. coli corals DO NOT respired more

**Table

Description automatically generated**

**Graphical user interface, table

Description automatically generated with medium confidence**

**They respire less in 30C and the significance across E. coli goes away – metabolic depression / overwhelm at 30C**

**-Temperature matters a ton**

**- E. coli matters a ton at 20C, there is a normal immune response and at 30C this immune response disappears**