Alyse Young data

The Sprint data sheet

* ‘pop’ = population, with C = Coffs Harbour, NB = North Bay, M = central LHI
* ‘svl’ = snout-vent length (mm)
* ‘mass av’ = the average of three measurements of mass per individual, taken during metabolism trials (g)
* ’15max’ = the maximum velocity ran at 15 degrees, (cm/sec)
* ’15mean’ = the average velocity of each 25 cm segment of track at 15 degrees (cm/sec)
* ‘total.max’ = the overall maximum velocity of each individual (cm/sec)
* ‘total.av’ = the overall average velocity of each individual (cm/sec)
* ‘ctmax’ = critical thermal maximum (°C)
* ‘ctmin’ = critical thermal minimum (°C)

The Sprint 2 data sheet contains the same data arranged for creating thermal performance curves

* ‘temp’ = temperature (°C)

The Preference data sheet

* ‘block’ = all experiments were ran on one block of lizards then started again for the second block
* ‘Tsel’ = the average of all selected body temperatures (°C)
* ‘Lset’ = the lower boundary of the central 50% of selected temperatures (°C)
* ‘Uset’ = the upper boundary of the central 50% of selected temperatures (°C)
* ‘trial’ = the order in which the lizards undertook the preference test
* ‘lane’ = the specific lane each lizard was tested in

The Metabolism data sheet contains the resting metabolic rate/ CO2 production

* ‘mass’ = individual mass measurement prior to each metabolism measurement (g)
* ‘run’ = the order in which the lizards undertook the tests
* ‘channel’ = the specific channel each lizard’s chambers were attached too
* ‘corVCO2’ = the CO2 production during the lowest stable resting point (V̇CO2 ml/h), corrected for chamber leakage and the calibration of flow rates and span gases.

The thermal time constant data sheet

* ‘day’ = shows which individuals were tested on the same day
* ‘heating’ = the thermal time constant (sec) for the time taken to heat from 15 – 30 °C
* ‘cooling’ = the thermal time constant (sec) for the time taken to cool from 30 – 15 °C

The Tolerance data sheet

* ‘ctmax’ = critical thermal maximum (°C)
* ‘ctmin’ = critical thermal minimum (°C)
* ‘maxtrial’ = trial order for CTmax
* ‘mintrial’ = trial order for CTmin
* ‘breadth’ = thermal tolerance breadth, the difference between CTmin and CTmax (°C)

The thermal performance curve parameters data sheet

* ‘Topt’ = the temperature at which an individual performs at 95% its maximum speed (°C)
* ‘breadth.80’ = the range at which an individual performs at 80% its maximum
* ‘upperB80’ = upper bound of the thermal performance range (°C)
* ‘lowerB80’ = lower bound of the thermal performance range (°C)