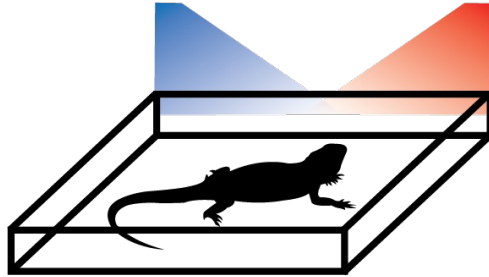


A) LABORATORY GRADIENT



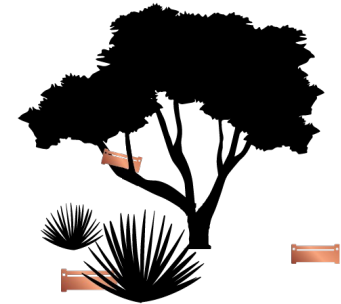
- Preferred body temperature (T_{set})
- Surface temperature (T_{surf}) vs. body temperature (T_b) estimation

B) ANIMALS IN THE FIELD



- Body temperature estimates ($T_{b \text{ predict}}$)
- Accelerometers for thermal performance curves (TPC) and activity

C) ENVIRONMENTAL TEMPERATURES



- Environmental temperatures (T_e)
- Habitat: open, partial shade, full shade, burrow, tree

D) Proxies

Activity (min)
Thermal optimum (T_{opt})
Maximum performance (P_{max})
Accuracy of thermoregulation (d_b)
Effectiveness of thermoregulation (E index)

E) Survival