Nat to check

1. Make DELTAR dependent on TLUNG for all Tas? – Talk with Mike
2. Check using mammal SA relationship – how do these differ?
3. Check for increasing PVEN to 0.5 (assume that limbs are ‘ventral’ and shorter) – assume that the limbs are longer than the ventral, but shorter than dorsal.

TO CHECK

* Permeable skin – tropical species

TO ASK MIKE

* Check if can get era5 data for 2022

TO ASK ANDREW

Metabolic chamber data

* Posture & conduction?
* Data on RH and windspeed?
* Reduce fur or live with overestimates in TC or EWL?
* Allow to pant more than 2 x basal?
* Percentage wet 1.5% - know of any literature on this?

Simulations

* Run without therm responses and see how negative metabolic rate gets – can use this as an integrated measure of heat stress. BUT doesn’t account for how env limits water loss.
* Run with therm responses but for inactive possum (don’t explicitly account for activity, constraints on therm and postures) and assume that they are always in deep shade and not in high wind
* Run trying to specify behaviour and microclimate for each hour

How to summarise output?

* Running mean of water costs or TC over relevant time period
* Elevated TC – sequential
* Hypotheses for predictor development