

Electronic Supplementary Material

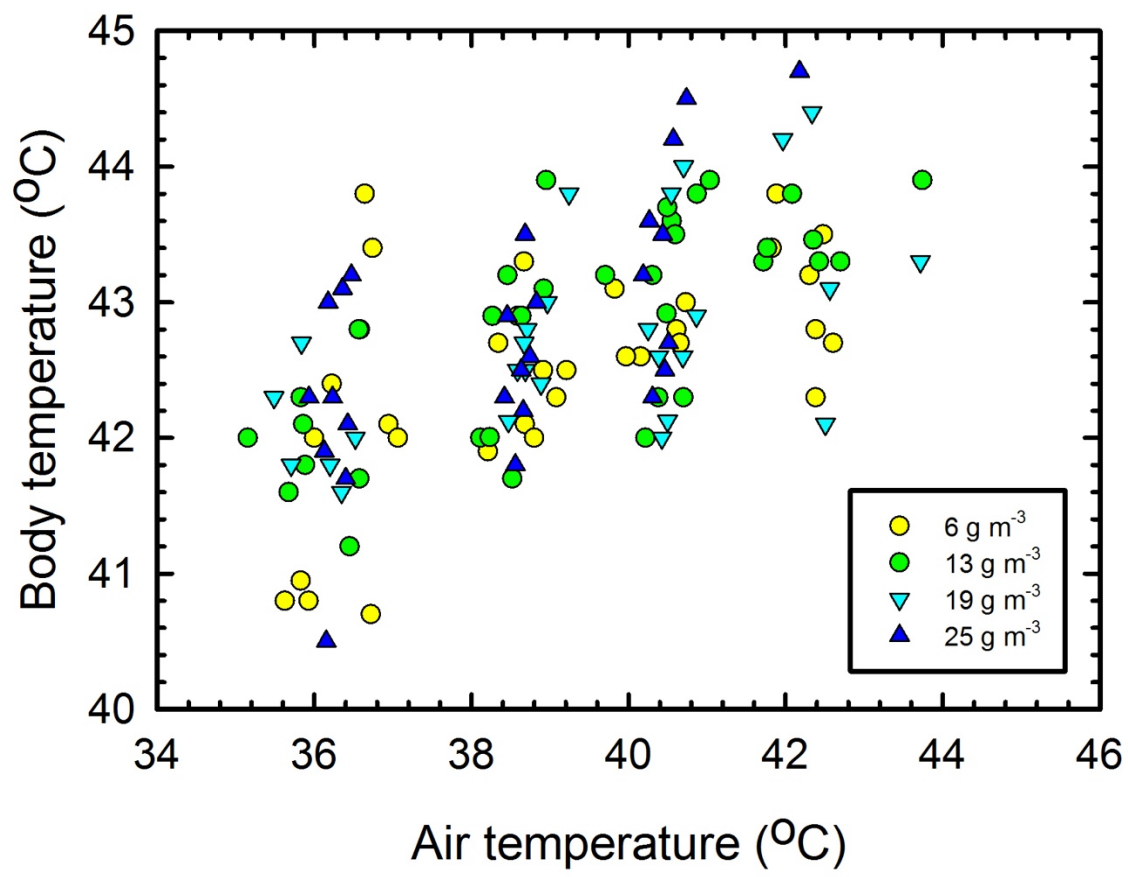


Figure S1. Relationship between body temperature and air temperature over absolute humidities of 6 – 25 g H₂O m⁻³ in white-browed sparrow-weavers (*Plocepasser mahali*).

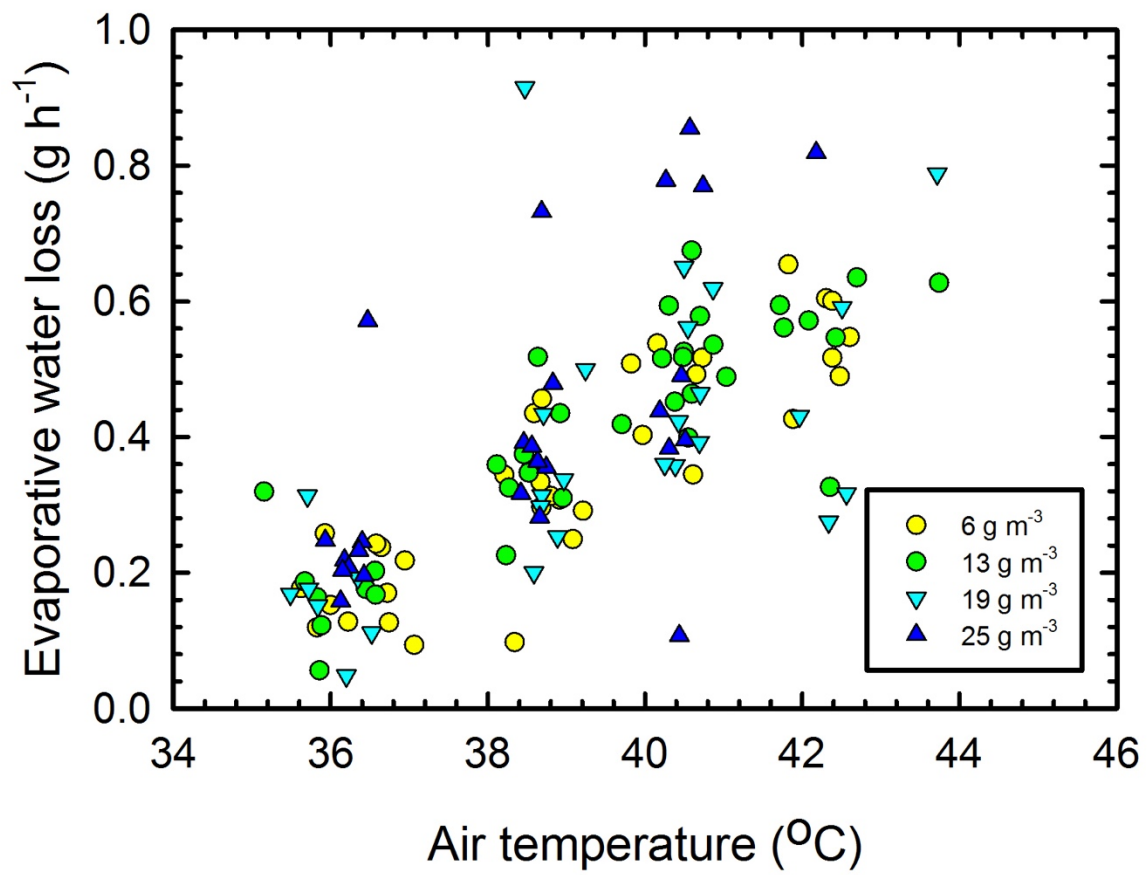


Figure S2. Relationship between evaporative water loss and air temperature over absolute humidities of 6 – 25 g H₂O m⁻³ in white-browed sparrow-weavers (*Plocepasser mahali*).

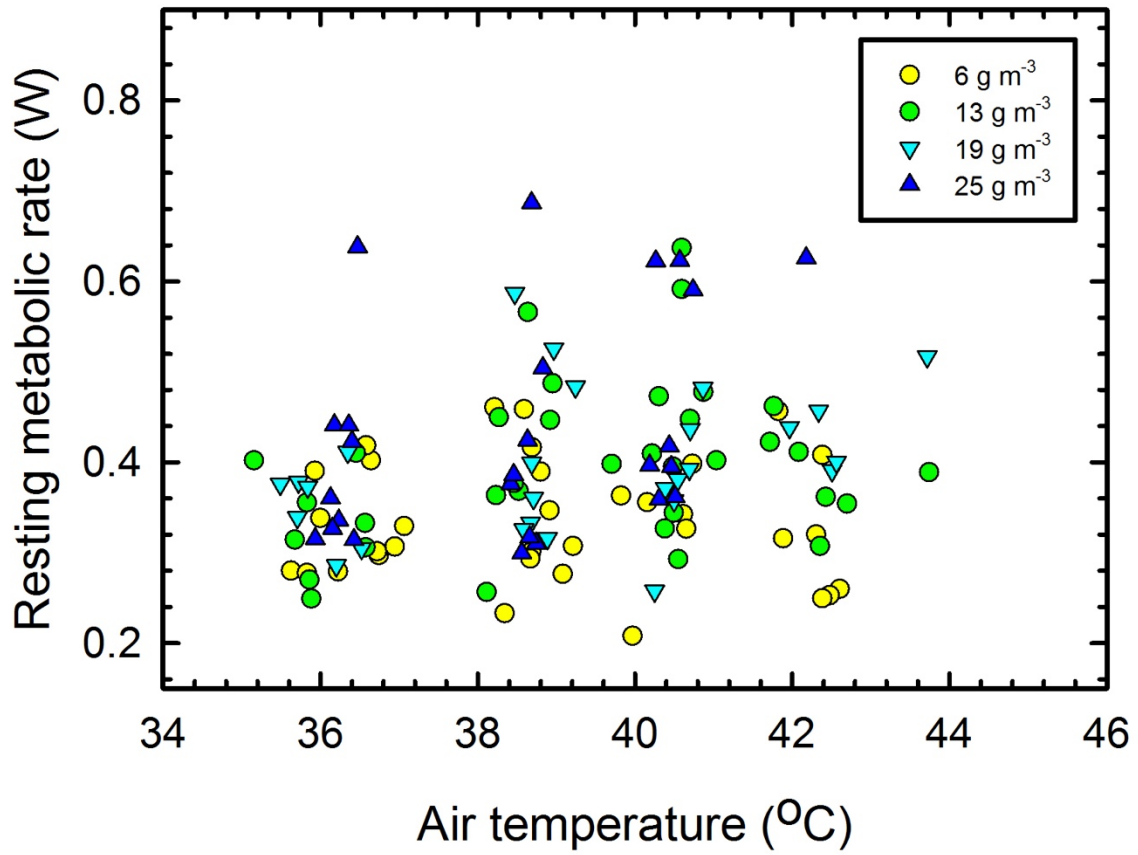


Figure S3. Resting metabolic rate increased with increasing absolute humidity over air temperatures between 36 °C and 44 °C in white-browed sparrow-weavers (*Plocepasser mahali*).

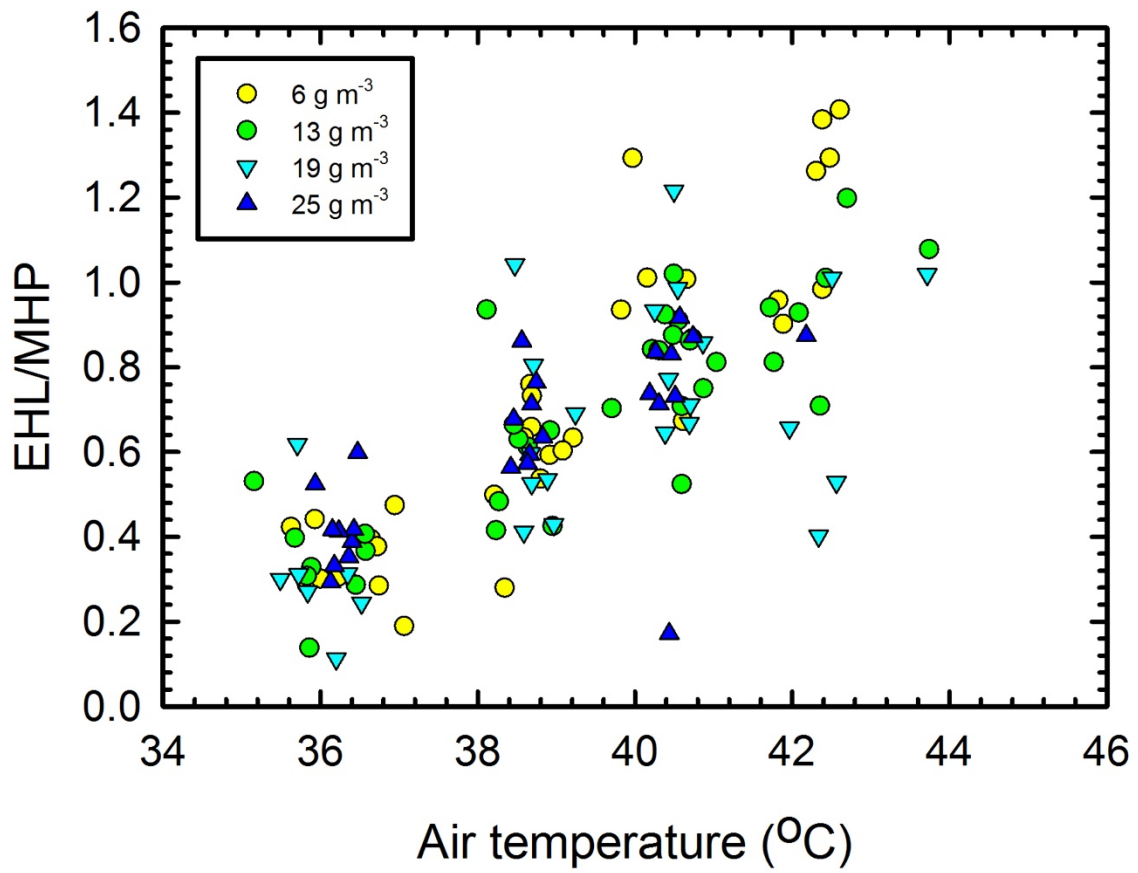


Figure S4. Relationship between ratio of evaporative heat loss (EHL) and metabolic heat production (MHP) and air temperature over absolute humidities of 6 – 25 g H₂O m⁻³ in white-browed sparrow-weavers (*Plocepasser mahali*).