# Electronic supplementary materials

# Individual variation in thermal plasticity and its impact on metabolic scaling

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### Carry-over effects of previous temperature environment

The (hereafter referred to as ‘body temperature’). We investigated the effect of previous temperature environment on a lizard’s metabolic rate by treating body temperature in the enclosure as the ‘previous temperature’ for the first measurement and the first measurement temperature as the ‘previous temperature’ for the second measurement. This ‘previous temperature’ covariate was log-transformed and we tested for its importance by comparing the DIC values in a model with its inclusion and with its exclusion as a fixed effect. Indeed, the previous temperature experienced by a lizard did have a significant effect on metabolic rate (Table S1). The model containing ‘previous temperature’ as a covariate had a lower DIC value compared to the full model (Table S1, Full model: DIC = 1648; Model with previous temperature excluded: DIC = 1679.93). We therefore included ‘previous temperature’ in all subsequent analyses.