

**Title:** Female (Under) Representation in Exercise Thermoregulation Research

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**Supplementary 3.** Mean (95% credible interval) parameter estimates from the zero- and one-inflated beta distribution model.

| Model component             | Parameter | Notation         | Mean  | 95% lower | 95% upper |
|-----------------------------|-----------|------------------|-------|-----------|-----------|
| logit( $E(y y \in (0,1))$ ) | Intercept | $\alpha_{(0,1)}$ | -0.53 | -0.71     | -0.36     |
|                             | Year      | $\beta_{(0,1)}$  | 0.01  | -0.02     | 0.04      |
| logit( $\Pr(y = 0)$ )       | Intercept | $\alpha_{\{0\}}$ | 1.17  | 0.93      | 1.42      |
|                             | Year      | $\beta_{\{0\}}$  | -0.07 | -0.11     | -0.03     |
| logit( $\Pr(y = 1)$ )       | Intercept | $\alpha_{\{1\}}$ | -1.50 | -2.04     | -0.99     |
|                             | Year      | $\beta_{\{1\}}$  | -0.01 | -0.10     | 0.07      |
| Shape                       | Shape     | $d$              | 1.77  | 1.63      | 1.90      |

Note. Regression coefficients are reported on the logit scale.

Pr = Probability

$d$  = Regression coefficient in the linear predictor for the sum of the two shape parameters in the beta distribution.