# The correlation between locomotor performance and hindlimb kinematics during burst locomotion in the Florida scrub lizard, Sceloporus woodi 

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There was an error published in J. Exp. Biol. 215, 442-453.
In Table 2 , the heading for columns 7 and 8 should have read 'Combined' rather than 'Stride 3'. The correct version of the table is given below.

Table 2. Results of the hierarchical partitioning analysis

|  | Stride 1 |  |  |  | Stride 3 <br> Final speed |  | Combined |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Final speed |  | Peak massspecific power |  |  |  | Final speed |  | Total acceleration |  | Peak acceleration |  |
|  | 1 | $J$ | 1 | $J$ | 1 | $J$ | 1 | $J$ | I | $J$ | I | $J$ |
| Min. hip $\Theta$ | - | - | 0.12 | 0.11 | 0.06 | 0.22 | - | - | - | - | - | - |
| Min. knee $\Theta$ | - | - | - | - | 0.15 | 0.28 | - | - | 0.11 | 0.17 | 0.10 | 0.17 |
| Min. ankle $\Theta$ | 0.06 | -0.06 | - | - | 0.10 | 0.30 | 0.10 | -0.05 | - | - | - | - |
| Min. MTP $\Theta$ | 0.15 | 0.20 | - | - | 0.05 | 0.17 | 0.10 | 0.09 | - | - | - | - |
| Min. rotation $\Theta$ | - | - | - | - | - | - | - | - | 0.14 | 0.22 | 0.15 | 0.17 |
| Total $\Theta$ swept hip | - | - | - | - | 0.09 | 0.16 | - | - | - | - | - | - |
| Total $\Theta$ swept knee | - | - | - | - | - | - | - | - | 0.08 | 0.17 | 0.07 | 0.20 |
| Total $\Theta$ swept ankle | 0.10 | -0.04 | - | - | - | - | 0.04 | -0.03 | 0.11 | 0.18 | 0.08 | 0.18 |
| Total $\Theta$ swept MTP | 0.14 | 0.28 | - | - | 0.08 | 0.20 | 0.07 | 0.11 | - | - | - | - |
| Total $\Theta$ swept rotation | - | - | 0.14 | 0.16 | - | - | - | - | 0.07 | 0.15 | - | - |
| $\Theta V_{\text {max }}$ hip | - | - | - | - | - | - | - | - | 0.10 | 0.02 | - | - |
| $\Theta V_{\text {max }}$ knee | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.15 |
| $\Theta V_{\text {max }}$ ankle | - | - | - | - | 0.16 | 0.04 | - | - | - | - | - | - |
| $\Theta V_{\text {max }}$ MTP | 0.10 | 0.24 | 0.13 | 0.09 | 0.04 | 0.18 | - | - | - | - | - | - |
| $\Theta V_{\text {max }}$ rotation | 0.13 | 0.17 | - | - | 0.17 | 0.36 | 0.15 | 0.10 | - | - | - | - |

Only variables with a significant simple Pearson correlation, or 0.75 posterior probability in Bayesian model averaging, were included in the partitioning analysis. I is the variance explained by a predictor variable that is independent of the variance explained by other predictors (i.e. not influenced by collinearity) and is always a positive number or zero. $J$ is the variance explained by collinearity between predictors. A positive $J$ suggests that collinearity has inflated the simple correlation between the predictor and response, whereas a negative $J$ suggests that collinearity has suppressed the simple correlation.
The square root of the sum of $I$ and $J$ for each variable is the absolute value of its simple Pearson correlation.
MTP, metatarsophalangeal; $\Theta$, angle; $\Theta V_{\text {max }}$, maximum instantaneous angular velocity.

We apologise to authors and readers for any inconvenience this error may have caused.

