|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Multiple linear regression models predicting Thor** | | | | | | | | | | |  | | **Multiple linear regression models predicting Max2\_gyroT** | | | | | |
|  |  | **Model 1** | | **Model 2** | | | **Model 3** | | | **Model 4** | | |  | | **Model 1** | | | **Model 2** | | |
|  |  | **Estimate (CI)** | **Std. error** | **Estimate (CI)** | **Std. error** | **Estimate (CI)** | | **Std. error** | **Estimate (CI)** | | **Std. error** |  | | **Estimate (CI)** | | **Std. error** | **Estimate (CI)** | | **Std. error** |
| **(Constant)** |  | 990.80 \*\*\*  (856.10, 11344.93) | 90.83 | 845.74 \*  (204.17, 1528.67) | 464.95 | 1061.71 \*\*\*  (559.53, 1466.70) | | 252.13 | 1076.90 \*\*\*  (795.25, 1358.54) | | 163.68 |  | | 14.65\*\*\*  (9.76, 16.97) | | 2.50 | 17.01 \*\*\*  (9.42, 21.19) | | 3.76 |
| ***Ippon-seoi-nage* type** |  | -126.40 \*\*  (-211.33, -43.50) | 49.64 | -126.72 \*\*  (-208.64, -56.79) | 53.35 | -123.93 \*  (-222.61, -20.08) | | 56.57 | -130.15 \*\*  (-214.00, -46.30) | | 48.73 |  | |  | |  |  | |  |
| **Height** |  |  |  | 0.81  (-3.47, 5.44) | 2.66 |  | |  |  | |  |  | |  | |  |  | |  |
| **PV** |  |  |  |  |  | -34.04  (-222.37, 163.87) | | 130.66 |  | |  |  | |  | |  | -2.83 \*  (-4.88, 0.83) | | 1.69 |
| **Pmax** |  |  |  |  |  |  | |  | -2.84  (-10.95, 5.26) | | 4.71 |  | |  | |  |  | |  |
| **1RM** |  |  |  |  |  |  | |  |  | |  |  | | -2.08 \*  (-3.53, 1.02) | | 1.30 |  | |  |
|  |  |  |  |  |  |  | |  |  | |  |  | |  | |  |  | |  |
| **n** |  | 24 | | 24 | | | 24 | | | 24 | | |  | | 24 | | | 24 | | |
| **R2** |  | 0.24 | | 0.25 | | | 0.25 | | | 0.26 | | |  | | 0.15 | | | 0.16 | | |
| **p** |  | 0.01 \*\*\* | | 0.05 \*\* | | | 0.05 \*\* | | | 0.05 \*\* | | |  | | 0.06 \* | | | 0.05 \*\* | | |

Table 2. Multiple linear regression models predicting time to horizontal position of the dummy (Thor) and angular velocity on peak 2 (Max2\_gyroT).

90% confidence interval (CI); \* p < 0.10 \*\*, p < 0.05 \*\*\*, p < 0.01.