|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **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.