Supplementary table 1. Categorical variables among injured and non-injured players

|  |  |  |  |
| --- | --- | --- | --- |
| Categorical variables | Non-injured (*n*=517) | Injured (*n*=441) | *p* |
| Gender |  |  |  |  |  |
|  | Male | 261 | (59.6%)\* | 177 | (40.4%) | 0.001 |
|  | Female | 256 | (49.2%) | 264 | (50.8%)\* |
| Player position |  |  |  |  |  |
|  | Wing | 180 | (57.3%) | 134 | (42.7%) | 0.083 |
|  | Back | 180 | (51.7%) | 168 | (48.3%) |
|  | Line | 70 | (47.0%) | 79 | (53.0%) |
|   | Goalkeeper | 87 | (59.2%) | 60 | (40.8%) |
| Results are presented as number of participants and percentage (%). |
| \*: *p*<0.05 |

Supplementary table 2. Continuous variables among injured and non-injured players

|  |  |  |  |
| --- | --- | --- | --- |
| Continuous variables | Non-injured (*n*=517) | Injured (*n*=441) | *p* |
| Age (years) | 20.1 | (1.2) | 20.2 | (1.2) | 0.038 |
| Height (cm) | 168.0  | (9.3) | 167.3 | (8.7) | 0.224 |
| Weight (kg) | 64.2 | (9.7) | 63.9 | (9.9) | 0.547 |
| Handball experience (years) | 8.6 | (3.0) | 9.0  | (3.0) | 0.016 |
| Training volume (hours/week)  | 15.6 | (4.1) | 15.9 | (3.7) | 0.181 |
| Results are presented as mean and standard deviation.  |

Supplementary table 3. Univariate logistic regression analysis for occurrence of injuries

|  |  |  |
| --- | --- | --- |
| Independent variables | Unadjusted OR (95%CI) | *p* |
| Age (years) † | 1.12 | (1.01-1.24) | 0.040 |
| Gender |  |  |  |
|  | Male | Reference |  |
|  | Female | 1.52  | (1.18-1.97) | 0.001 |
| Height (cm) ‡ | 0.99  | (0.98-1.01) | 0.228 |
| Weight (kg) § | 1.00  | (0.98-1.01) | 0.708 |
| Handball experience (years) † | 1.04  | (1.00-1.09) | 0.047 |
| Player position |  |  |  |
|  | Wing | Reference |  |
|  | Back | 1.25  | (0.92-1.70) | 0.149 |
|  | Line | 1.52  | (1.02-2.24) | 0.037 |
|  | Goalkeeper | 0.93  | (0.62-1.38) | 0.706 |
| Training volume (hours/week) || | 1.02  | (0.99-1.06) | 0.191 |
| OR, odds ratios; CI, confidence intervals. |
| †OR based on one year increase. |
| ‡OR based on one cm increase. |
| §OR based on one kg increase. |
| ||OR based on one hour increase. |