Rethinking Performance Measures: Performance Index

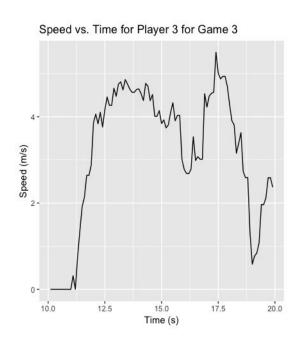
Shukry Zablah, Shu Amano, Vignesh Mahalingam, Peter Cho, Andrea Boskovic

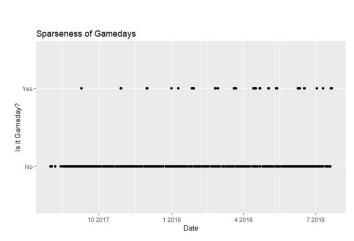
Game Play History

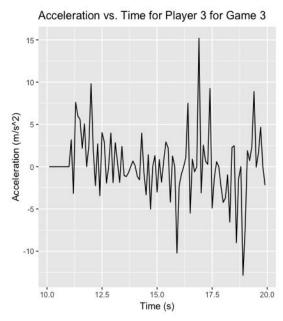
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                        PlayerID player_specific_data
                           <int> </ist>
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                               3 <tibble [607 x 13]>
                               4 <tibble
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                                 <tibble
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Nesting
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                                         [496 x 13]>
                                 <tibble
                                         Γ620 x 131>
                               8 <tibble
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                                 <tibble
                                         [414 x 13]>
                     10
                                 <tibble
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                                 <tibble
                              13 <tibble
                                         [809 x 13]>
                                <tibble [415 x 13]>
                     14
                                <tibble [306 x 13]>
                     16
                              16 <tibble [768 x 13]>
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```

[[13]] # A tibble: 17 x 9 Date distance max_speed load mean_speed game_time time_running time_walking num_games <date> <db1> <dbl> <dbl> <db1> <db1> <db1> <db1> 1 2017-11-30 3466. 7.99 571. 3266. 583. 644. 1.06 2 2017-12-01 2489. 7.91 427. 1.04 2386. 383. 582. 3 2018-01-26 7.61 451. 0.856 3088. 611. 622. 4 2018-01-27 2191. 7.54 363. 2071. 184. 5 2018-01-28 0.487 1091 80.7 6.31 98.5 6 2018-04-13 2183. 7.10 374. 0.924 2362. 331. 510. 7 2018-04-14 1052. 146. 247. 7.74 155. 0.867 2018-04-15 184. 415. 1305. 7.43 224. 0.617 2115. 2018-04-21 7.70 413. 0.790 3068. 373. 617. 10 2018-04-22 2543. 7.54 411. 1936. 582. 1.31 11 2018-05-12 7.54 459. 0.894 3021. 441. 638. 12 2018-05-13 7.54 623. 2994. 593 867. 1.27 13 2018-06-08 2864. 7.88 459. 0.942 3039. 428. 702. 14 2018-06-09 6.81 465. 2139. 333. 2175. 1.02 15 2018-06-10 961. 136 225. 7.10 170. 0.917 16 2018-07-20 7.15 269. 0.761 2091. 241. 430. 2078. 330. 468. 17 2018-07-21 7.09 358. 1.03

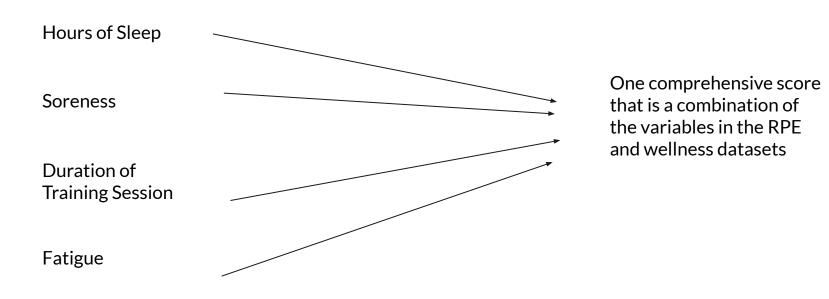
Issues with GPS Data in Gauging Fatigue







Comprehensive = Objective + Subjective



Future Directions

