**NFL Injury Modeling Notes:**

|  |  |  |
| --- | --- | --- |
|  | MIN BIC (row num) | MAX Adj R^2 (row num) |
| Best Overall (No Stadium) | 1925.405 (3) | 0.02467571(20) |
| Best Lower Body (No Stadium) | 1601.31 (5) | 0.03586127 (16) |
| Best Home (No Stadium) | 1491.409(166) | 0.04702158 (53) |
| Best Away (No Stadium) | 1475.925 (136) | 0.0254742 (24) |
| Best Non-Contact (No Stadium) | 696.9555 (9) | 0.04844989 (554) |
| Best Contact (No Stadium | 1842.603 (8) | 0.02687704 (10) |

**Best Overall Model:**

* Using max adjr2 model over min BIC
  + BIC diff: 18 points higher on adjr2 model
  + Adjr2 diff: 0.00658 higher on adjr2 model
* BIC model only had one variable in the output (domeTRUE)

**Best Lower Body Model:**

* Using max adjr2 model over min BIC
  + BIC diff: 16.782 points higher on adjr2 model
  + Adjr2 diff: 0.01116 higher on adjr2 model
* BIC model only had one variable in the output (domeTRUE)

**Best Home Model:**

* Using max adjr2 model over min BIC
  + BIC diff: 27 points higher on adjr2 model
  + Adjr2 diff: 0.01661 higher on adjr2 model
* BIC model only had one variable in the output (season2020)

**Best Away Model:**

* Using max adjr2 model over min BIC
  + BIC diff: 30.99 points higher on adjr2 model
  + Adjr2 diff: 0.02547 higher on adjr2 model
* BIC model only had the intercept

**Best Non Contact Model:**

* Using max adjr2 model over min BIC
  + BIC diff: 29.2986 points higher on adjr2 model
  + Adjr2 diff: 0.04845 higher on adjr2 model
* BIC model only had the intercept

**Best Contact Model:**

* Using max adjr2 model over min BIC
  + BIC diff: 16.709 points higher on adjr2 model
  + Adjr2 diff: 0.0098 higher on adjr2 model
* BIC model only had one variable in the output (domeTRUE)