Avgsalary = -24.897 + 1.527 yearsigned +0.873 signedage – 0.393 totsea - 2.995 HR% + 0.137 RBI +

(0.254) (0.280) (0.329) (2.386) (0.099)

0.874 WAR – 138.876 BA + 0.09 H – 0.035 R + 82.695 SLG - 0.11 SO%

(0.555) (137.054) (0.097) (0.086) (74.436) (0.159)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Intercept | yearsigned | signedage | totsea | HR% | RBI |
| Coefficient | -24.897 | 1.527 | .873 | -.393 | -2.995 | .137 |
| Standard Error | 14.082 | .254 | .280 | .329 | 2.386 | .099 |
| Mean | x | 5.4 | 29.3 | 9.42 | 4 | 87.84 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | WAR | BA | H | R | SLG | SO% |
| Coefficient | .874 | -138.876 | .09 | .035 | 82.695 | .11 |
| Standard Error | .555 | 137.054 | .097 | .086 | 74.436 | .159 |
| Mean | 4.3 | .275 | 163.8 | 92.64 | .479 | 20.43 |

**Definition of variable**

Avgsalary: average salary of contract

years: Total years of contract the player signed

signedage: Players’ age when they signed the contract

totsea: Total season player has played in major league

HR%: Homerun percentage. HR/AB

RBI: Run batted in

WAR: Measures a player’s value in all facets of the game by deciphering how many more wins he’s worth than a replacement-level player at his same position

BA: Batting average

H: Hit

R: Run

SLG: Slugging percentage, it represents the total number of bases a player records per at-bat. Formula for SLG = (1B + 2B\*2 + 3B\*3 + HR\*4)/AB

SO%: Strike out percentage. SO/AB

**Coefficients Interpret**

yearsigned, signedage, WAR