

Descriptive analysis of the Optimized Database

General figures:

Entries: 7272

Columns: 23

Variables: 15

No of Variables: 15

No of Entries: 167256

Analysis of fighter records:

Wins:

With outliers:

Mean: 15.134282178217822

Mode: 13

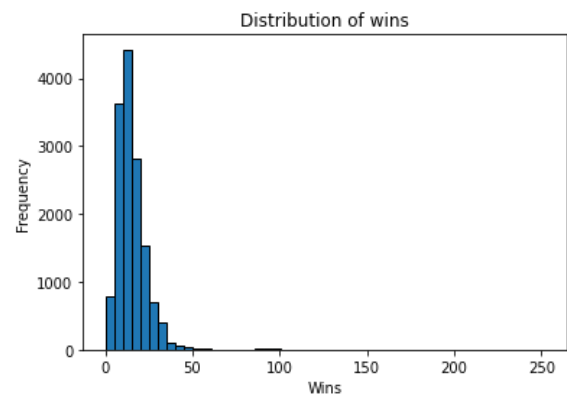
Median: 14.0

Sum: 220113

Variance: 78.70549689947336

Standard Deviation:

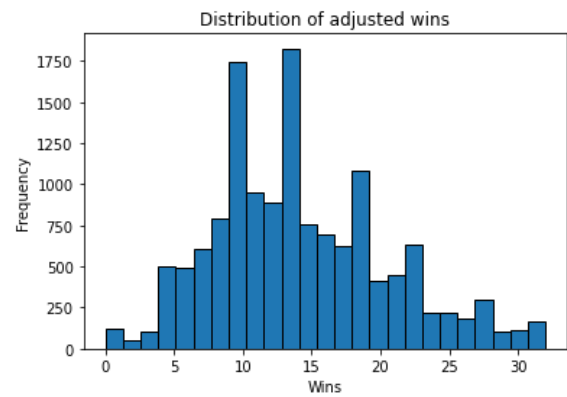
8.871611854644756



Without outliers:

Original: 14544, Adjusted: 14050

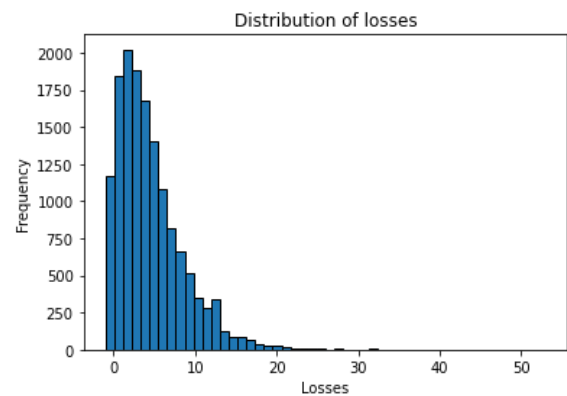
Mean: 14.167758007117438
 Mode: 13
 Median: 13.0
 Sum: 199057
 Variance: 40.6571953293398
 Standard Deviation:
 6.376299501226382



losses:

With outliers:

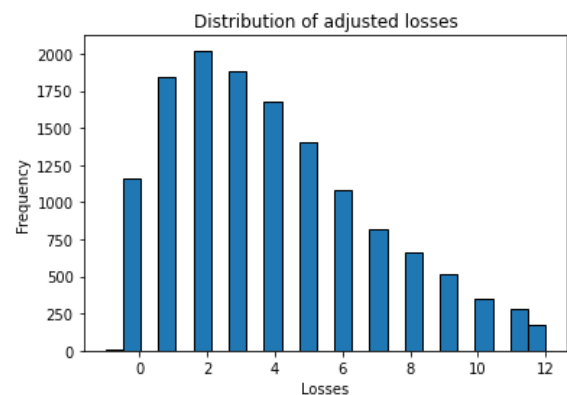
Mean: 4.600660066006601
 Mode: 2
 Median: 4.0
 Sum: 66912
 Variance: 15.392095273883827
 Standard Deviation:
 3.9232760894288115



Without outliers:

Original: 14544, Adjusted: 13868

Mean: 4.03987597346409
 Mode: 2
 Median: 4.0
 Sum: 56025
 Variance: 8.59496312277721
 Standard Deviation:
 2.9317167535042006



Draws:

With outliers:

Mean: 0.21534653465346534

Mode: 0

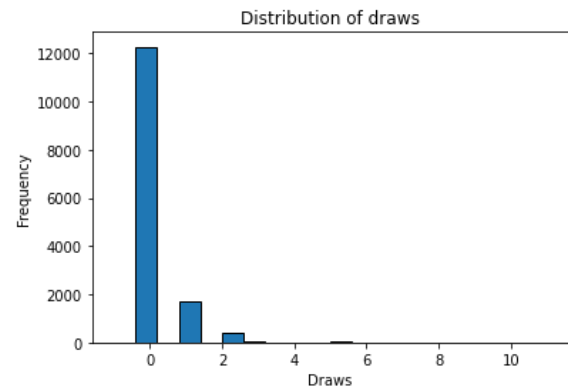
Median: 0.0

Sum: 3132

Variance: 0.41732223964970755

Standard Deviation:

0.6460048294321858



Without outliers:

Original: 14544, Adjusted: 14012

Mean: 0.1232514987153868

Mode: 0

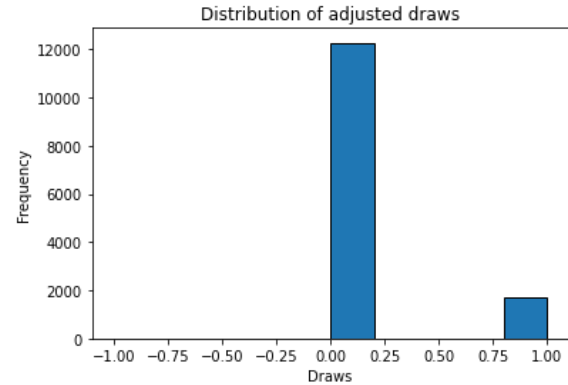
Median: 0.0

Sum: 1727

Variance: 0.10891697557226142

Standard Deviation:

0.330025719561766



Analysis of rematch data:

Total: 7272

Rematches: 179

Non-rematches: 7093

Percentage of rematches: 2.4614961496149617%

Analysis of knockdowns:

Mean: 0.2152090209020902

Mode: 0

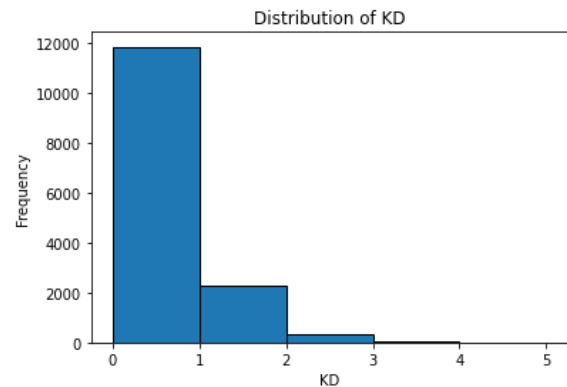
Median: 0.0

Sum: 3130

Variance: 0.24356406522115356

Standard Deviation:

0.49352210205942504



Analysis of significant strikes:

Landed significant strikes:

With outliers:

Mean: 35.67161716171617

Mode: 1

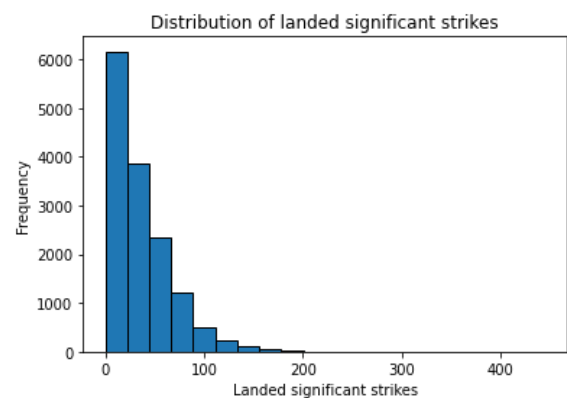
Median: 28.0

Sum: 518808

Variance: 999.4276432593755

Standard Deviation:

31.613725551718442



Without outliers:

Original: 14544, Adjusted: 13890

Mean: 31.35457163426926

Mode: 1

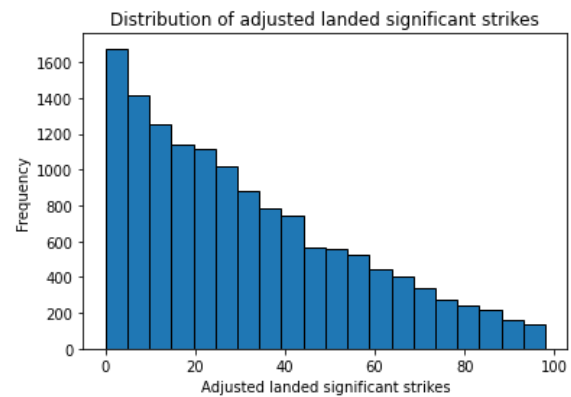
Median: 26.0

Sum: 435515

Variance: 590.4114279842494

Standard Deviation:

24.29838323807264



Attempted significant strikes:

With outliers:

Mean: 80.63105060506051

Mode: 3

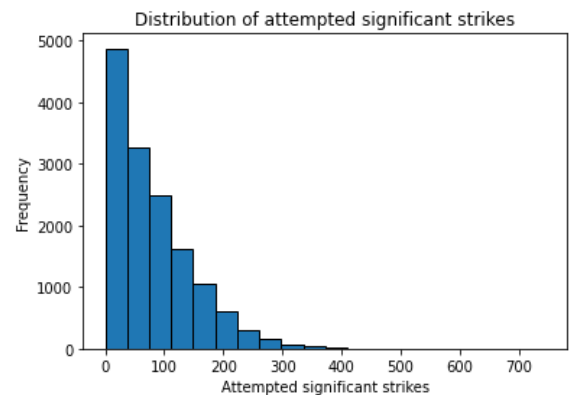
Median: 63.0

Sum: 1172698

Variance: 4847.17355731207

Standard Deviation:

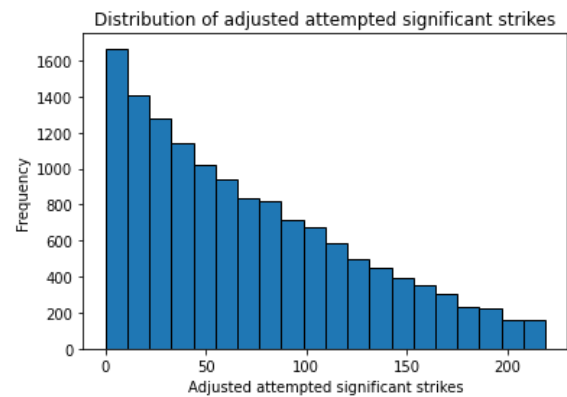
69.62164575268291



Without outliers:

Original: 14544, Adjusted: 13859

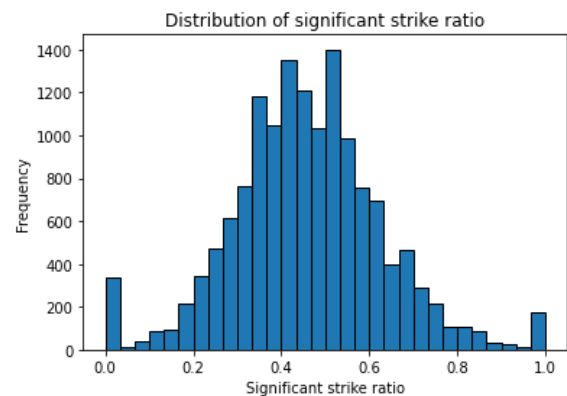
Mean: 71.07482502345047
 Mode: 3
 Median: 59.0
 Sum: 985026
 Variance: 3003.053857165068
 Standard Deviation:
 54.800126433841996



Ratio of landed to attempted significant strikes:

With outliers:

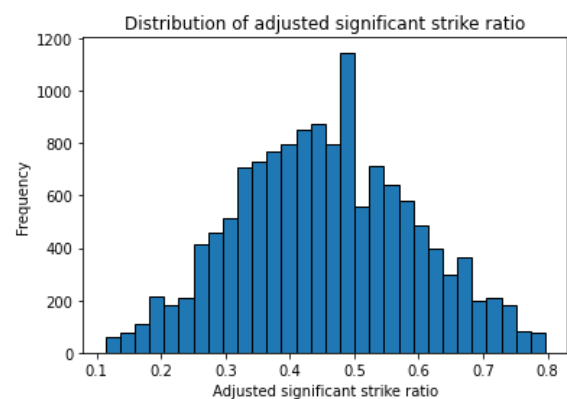
Mean: 0.4558888446116054
 Mode: 0.5
 Median: 0.4523809523809524
 Sum: 6630.447356031189
 Variance: 0.02944820359234041
 Standard Deviation:
 0.1716047889551466



Without outliers:

Original: 14544, Adjusted: 13692

Mean: 0.4550665845863774
 Mode: 0.5
 Median: 0.45217391304347826
 Sum: 6230.771676156679
 Variance: 0.018708427059630012
 Standard Deviation:
 0.13677875222281424



Takedown analysis:

Takedown success:

With outliers:

Mean: 1.0621562156215623

Mode: 0

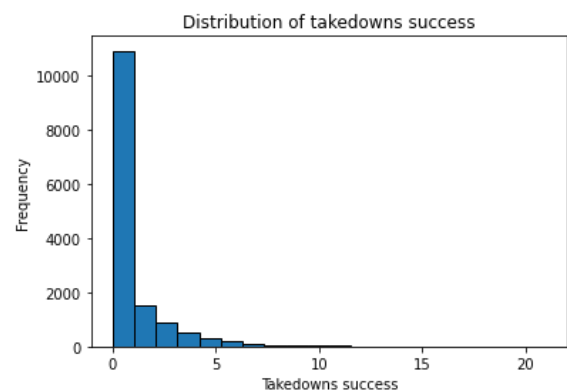
Median: 0.0

Sum: 15448

Variance: 2.835520543253445

Standard Deviation:

1.683900395882561



Without outliers:

Original: 14544, Adjusted: 13792

Mean: 0.7744344547563805

Mode: 0

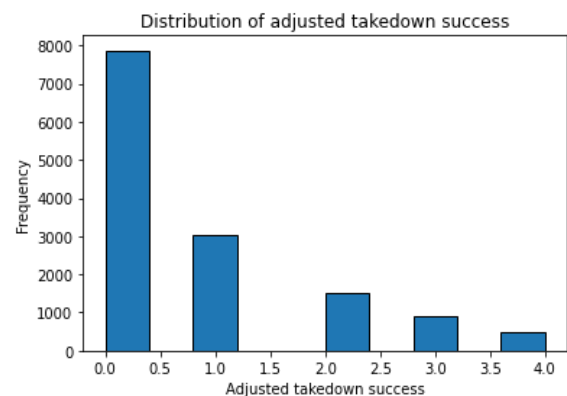
Median: 0.0

Sum: 10681

Variance: 1.207603363453241

Standard Deviation:

1.0989100797850755



Takedown attempts:

With outliers:

Mean: 2.806586908690869

Mode: 0

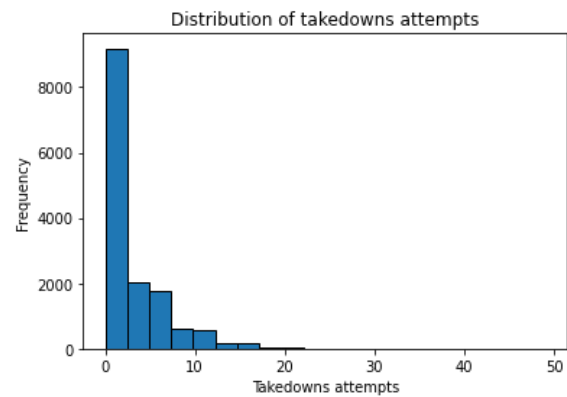
Median: 1.0

Sum: 40819

Variance: 13.791868053778012

Standard Deviation:

3.7137404397423914



Without outliers:

Original: 14544, Adjusted: 13785

Mean: 2.1967355821545156

Mode: 0

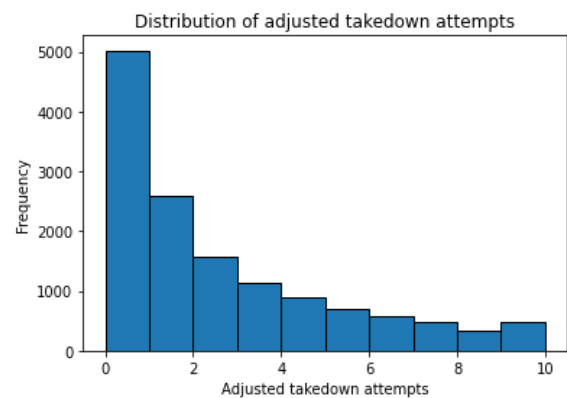
Median: 1.0

Sum: 30282

Variance: 6.785089089676965

Standard Deviation:

2.6048203565077124



Takedown success ratio:

With outliers:

Mean: 0.2697869994797034

Mode: 0.0

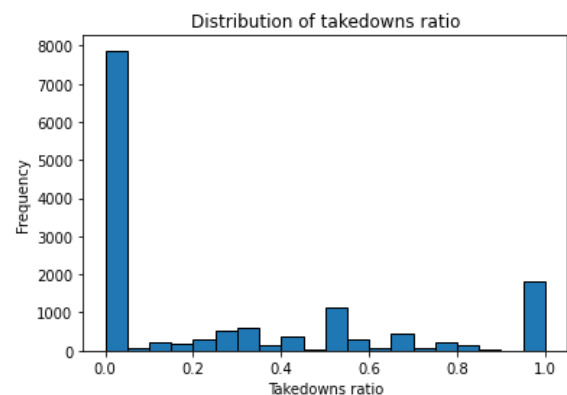
Median: 0.0

Sum: 3923.7821204328066

Variance: 0.12706113600268445

Standard Deviation:

0.35645635918396024



Without outliers:

Original: 14544, Adjusted: 12730

Mean: 0.16573308094523226

Mode: 0.0

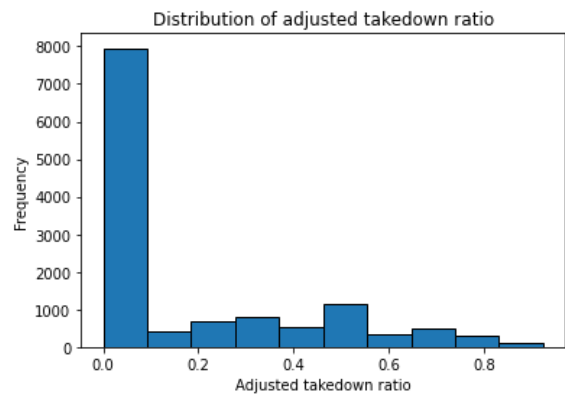
Median: 0.0

Sum: 2109.7821204328066

Variance: 0.058358356320834574

Standard Deviation:

0.24157474272124263



Submission attempts analysis:

With outliers:

Mean: 0.7865786578657866

Mode: 0

Median: 0.0

Average: 0.7865786578657866

Sum: 5720

Variance: 1.4530761932078797

Standard Deviation: 1.205436100839808

Without outliers:

Original: 7272, Adjusted: 6987

Mean: 0.6208673250322027

Mode: 0

Median: 0.0

Sum: 4338

Variance: 0.7471987325046953

Standard Deviation: 0.8644065782400636

How much time was spent on the ground?

With outliers:

Mean: 365.6830308030803

Mode: 900

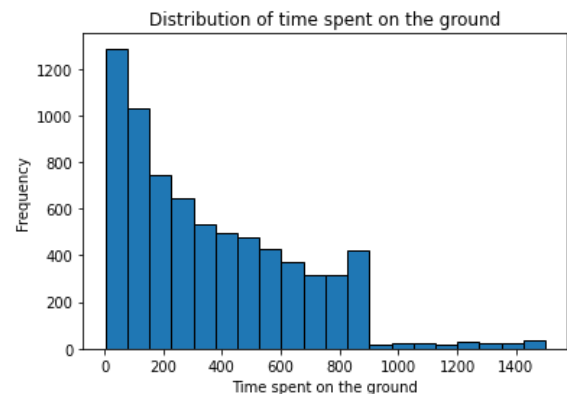
Median: 292.0

Sum: 2659247

Variance: 87743.95027310247

Standard Deviation:

296.2160533683184



Without outliers:

Original: 7272, Adjusted: 7093

Mean: 343.49471309742

Mode: 900

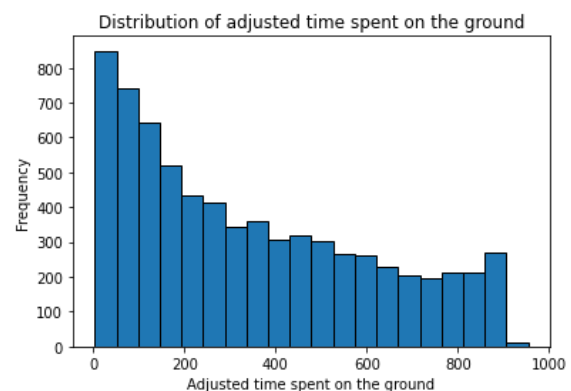
Median: 282.0

Sum: 2436408

Variance: 69272.10814207545

Standard Deviation:

263.19595008676606

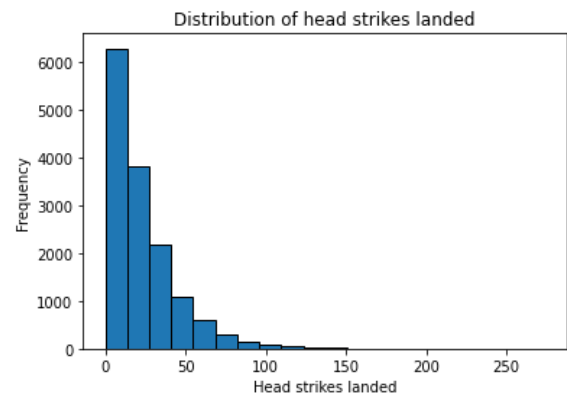


Headshot analysis:

Headshots landed:

With outliers:

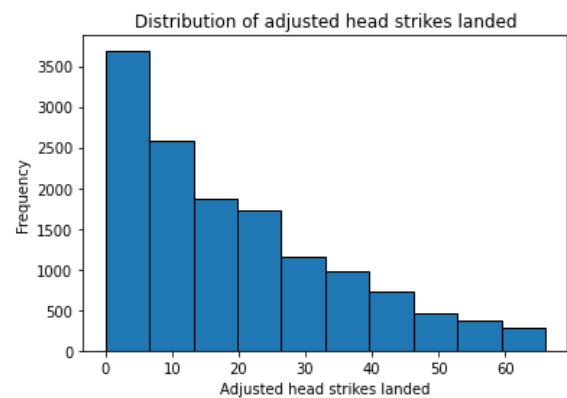
Mean: 22.519801980198018
Mode: 0
Median: 16.0
Sum: 327528
Variance: 487.52408532932503
Standard Deviation:
22.07994758438808



Without outliers:

Original: 14544, Adjusted: 13870

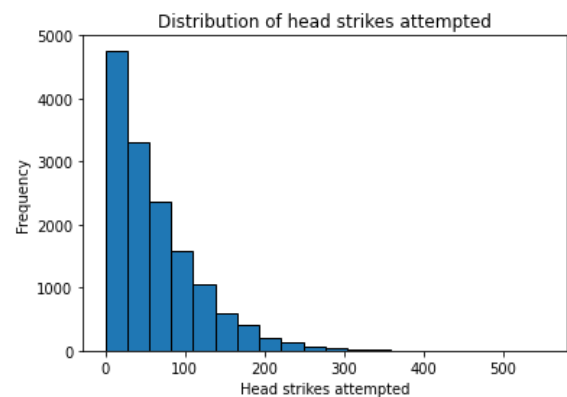
Mean: 19.290266762797405
Mode: 0
Median: 16.0
Sum: 267556
Variance: 258.07017923669633
Standard Deviation:
16.06456283988756



Headshots attempted:

With outliers:

Mean: 62.803011551155116
Mode: 1
Median: 48.0
Sum: 913407
Variance: 3234.578013482815
Standard Deviation:
56.873350644065404



Without outliers:

Original: 14544, Adjusted: 13836

Mean: 54.54387106100029

Mode: 1

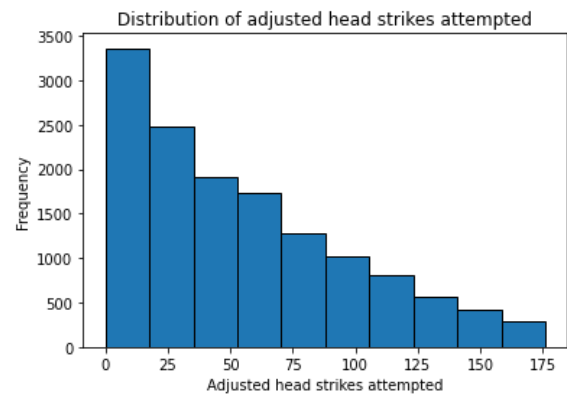
Median: 45.0

Sum: 754669

Variance: 1877.1468900163325

Standard Deviation:

43.326053247628415



Ratio of hits to attempts:

With outliers:

Mean: 0.3628450217549156

Mode: 0.0

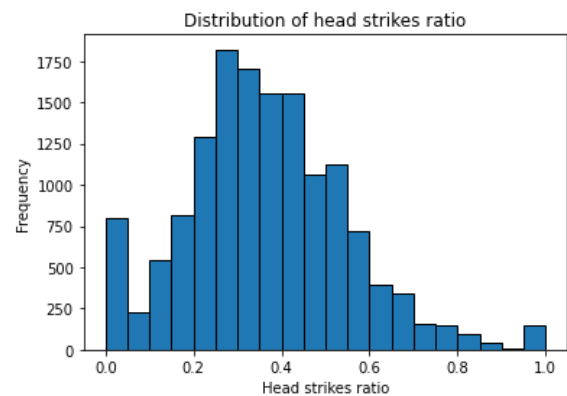
Median: 0.35294117647058826

Sum: 5277.217996403493

Variance: 0.034411901532388336

Standard Deviation:

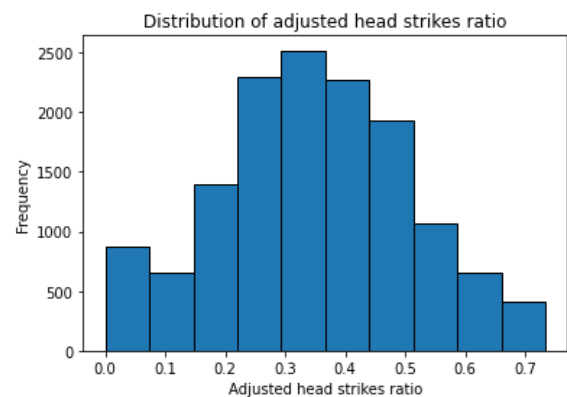
0.1855044515163675



Without outliers:

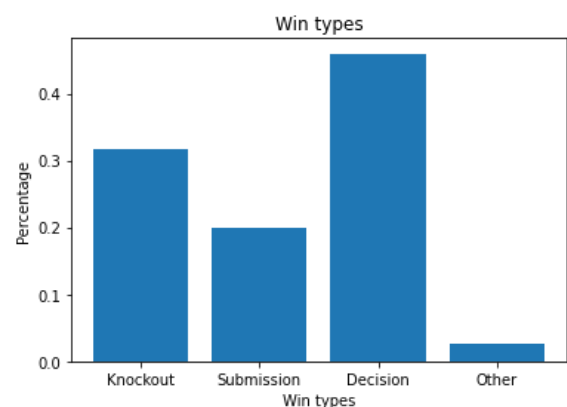
Original: 14544, Adjusted: 14075

Mean: 0.3462773413551331
Mode: 0.0
Median: 0.3448275862068966
Sum: 4873.853579573499
Variance: 0.026702390003920967
Standard Deviation:
0.1634086595132613



Win analysis:

Knockout wins: 2302
Submission wins: 1444
Decision wins: 3341
Other wins: 185
Knockout percentage:
31.655665566556657%
Submission percentage:
19.856985698569858%
Decision percentage:
45.94334433443345%
Other percentage:
2.544004400440044%



Fight type analysis:

Title fights: 412
Non-title fights: 6860
Percentage of title fights: 5.665566556655666%
Men's Title fights: 358
Men's Non-title fights: 6221
Percentage of Men title fights: 5.441556467548259%
Women's Title fights: 54
Women's Non-title fights: 639

Percentage of Women title fights: 7.792207792207792%

Ratio of men's to women's fights: 9.493506493506494

