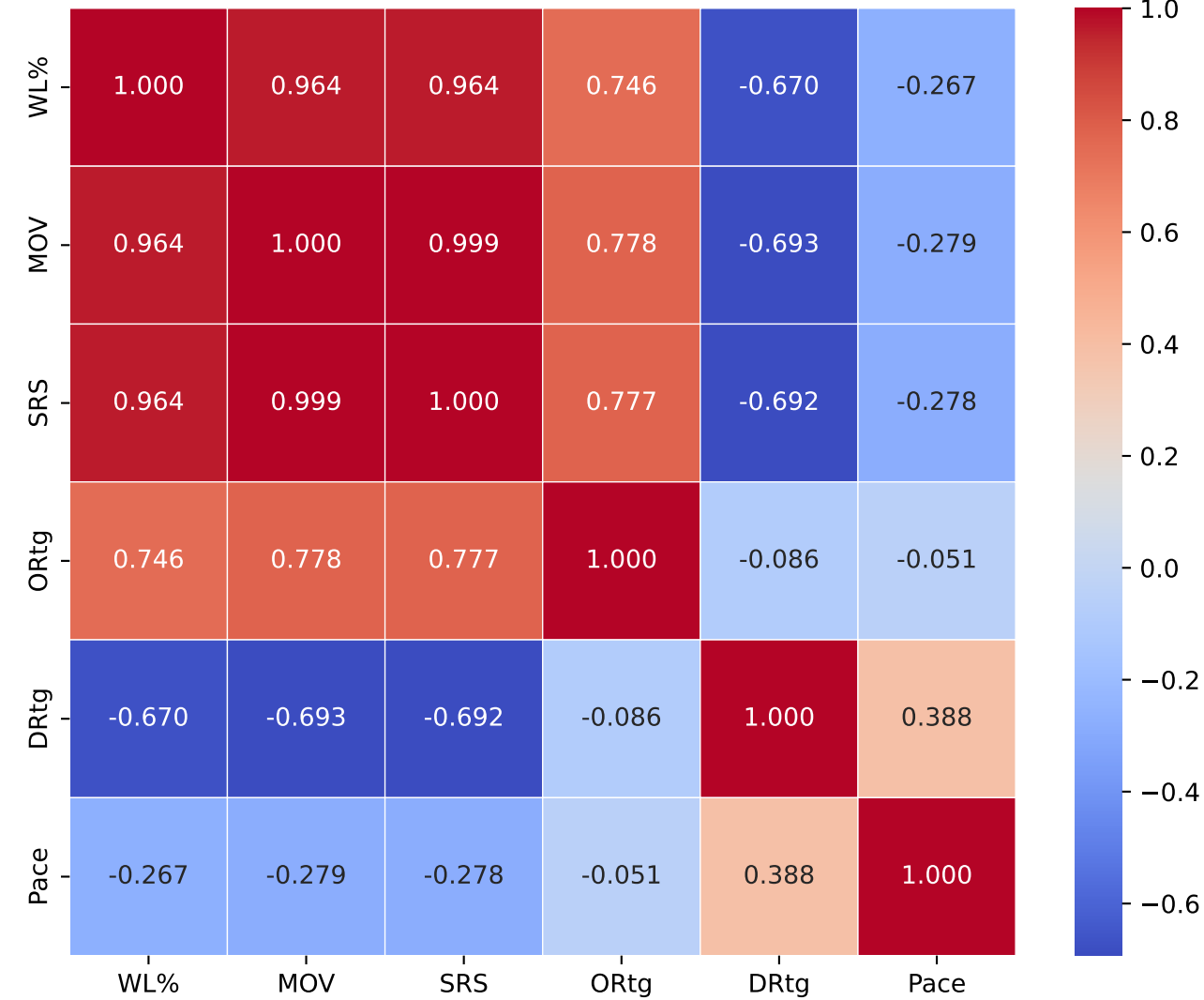
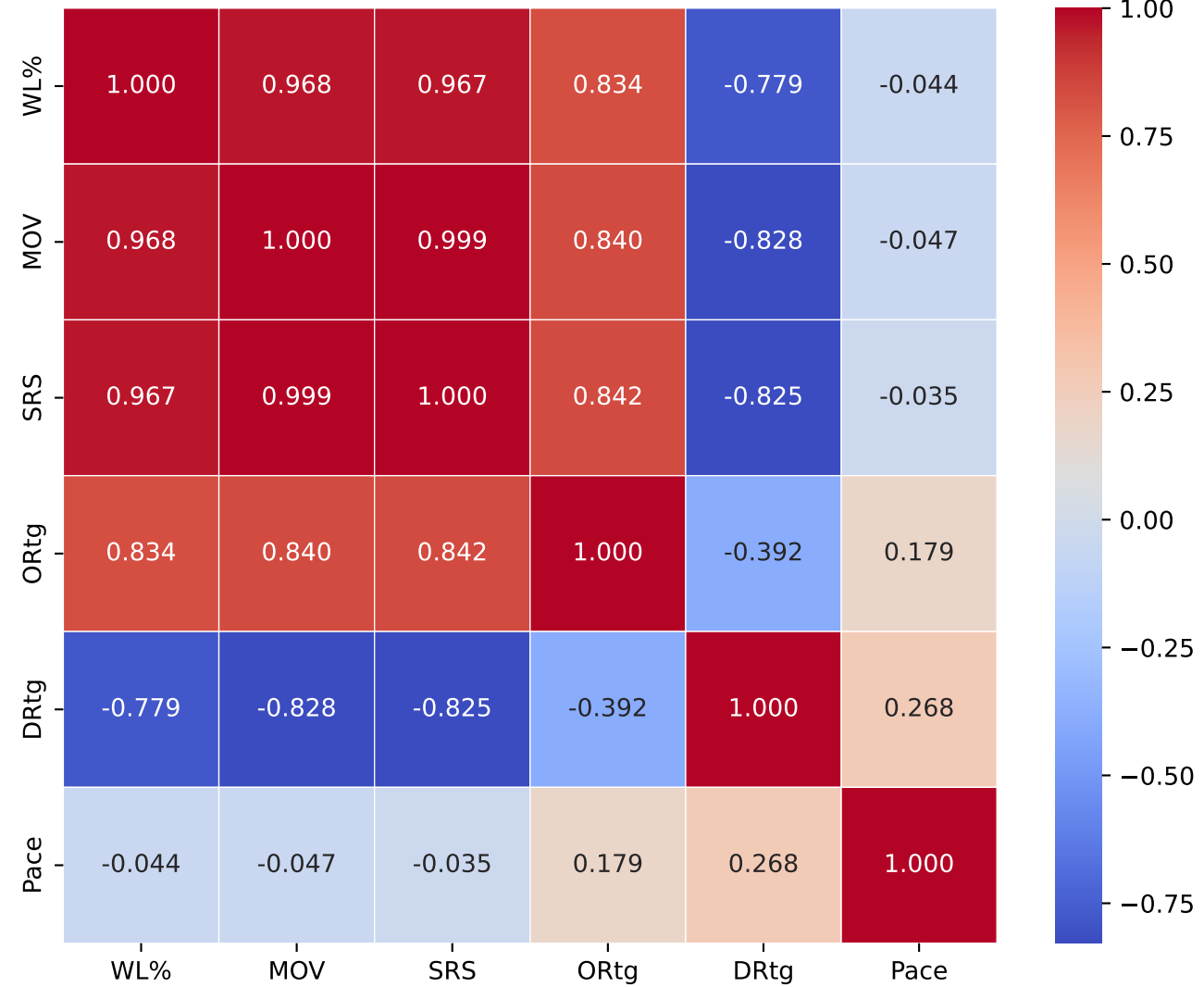


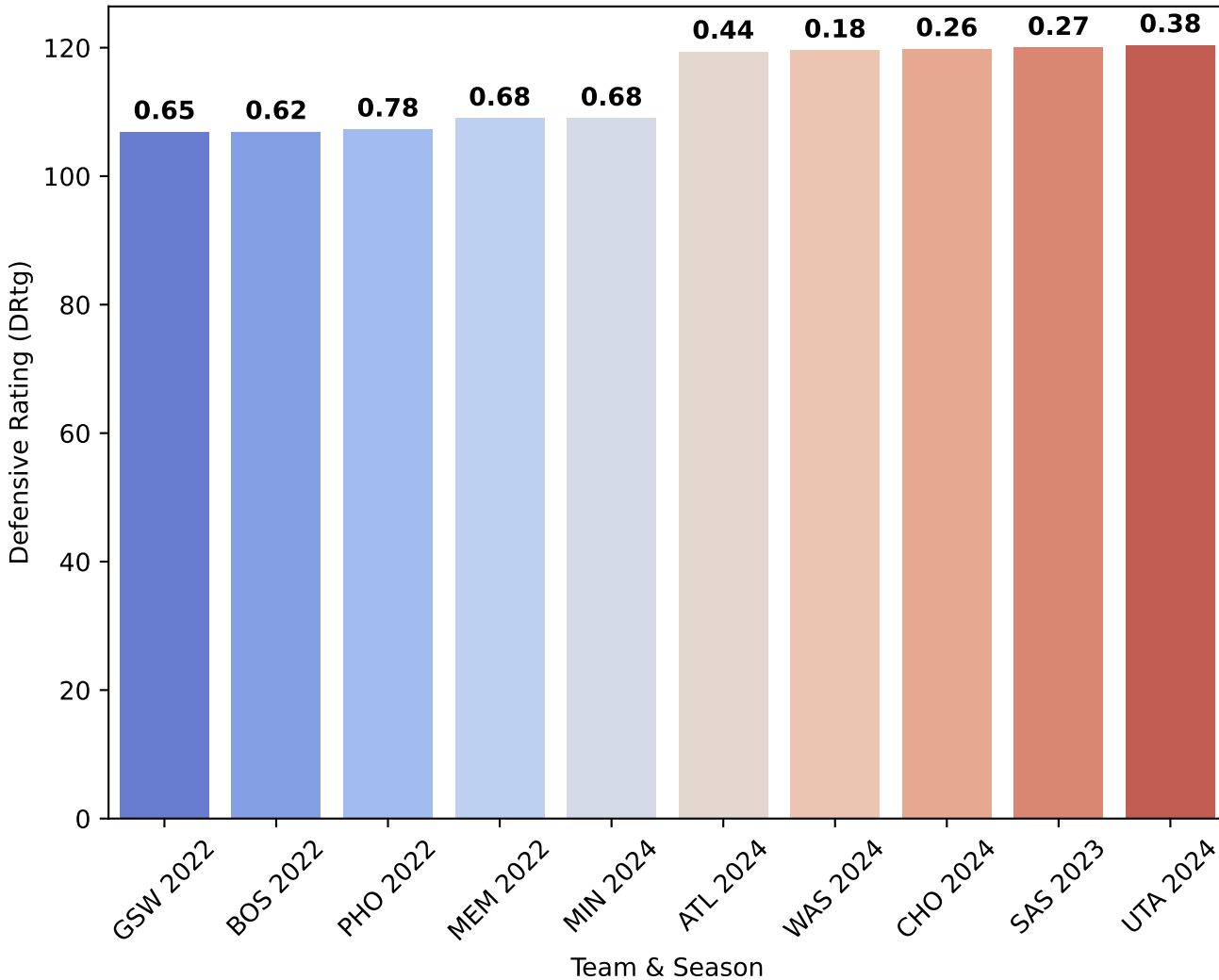
NBA Correlation Heatmap 2022-24 Seasons



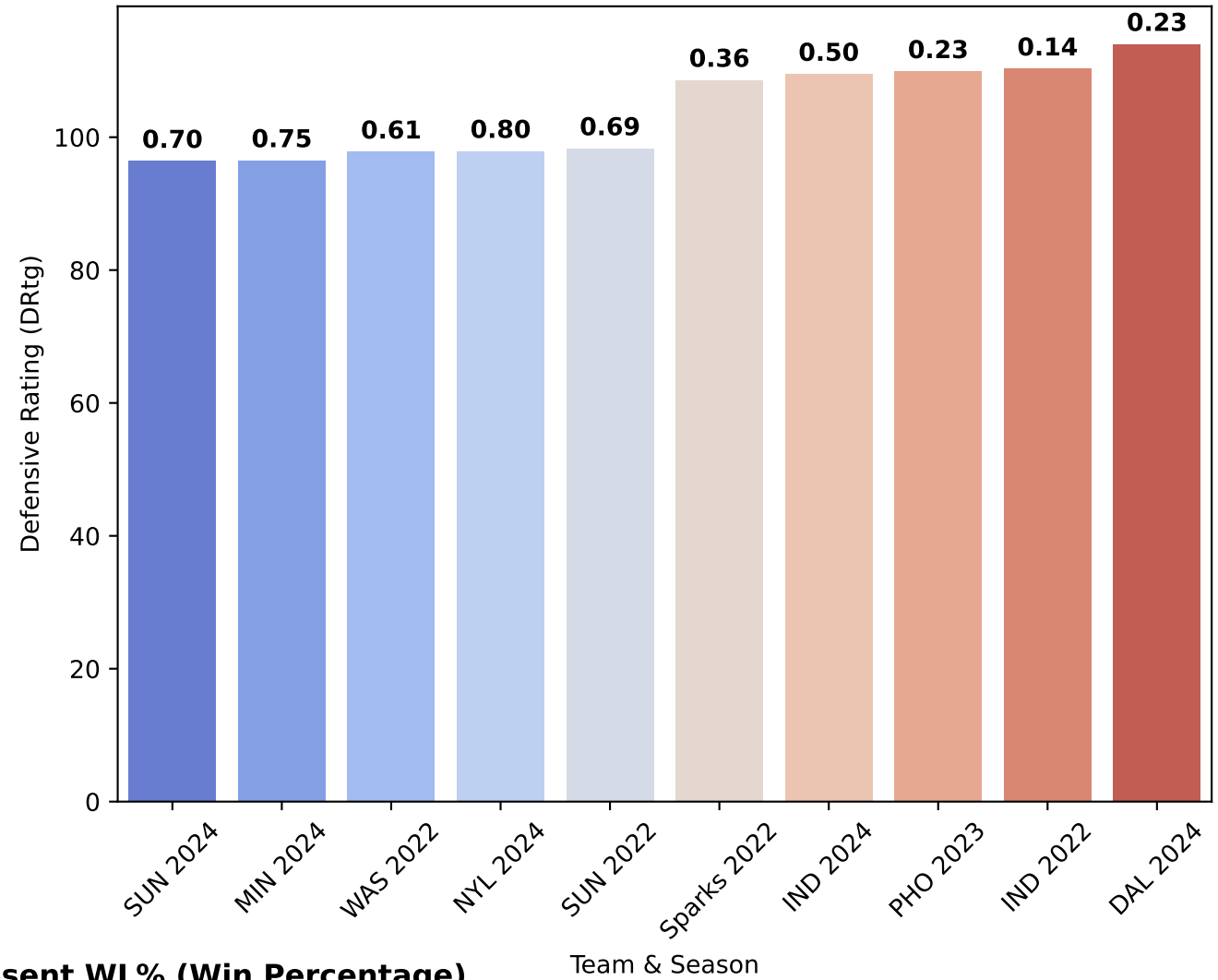
WNBA Correlation Heatmap 2022-24 Seasons



NBA: Best & Worst Defensive Teams (DRtg) 2022-24 Seasons



WNBA: Best & Worst Defensive Teams (DRtg) 2022-24 Seasons



Numbers Above Bars Represent WL% (Win Percentage)

Variance Inflation Factor (VIF) Analysis

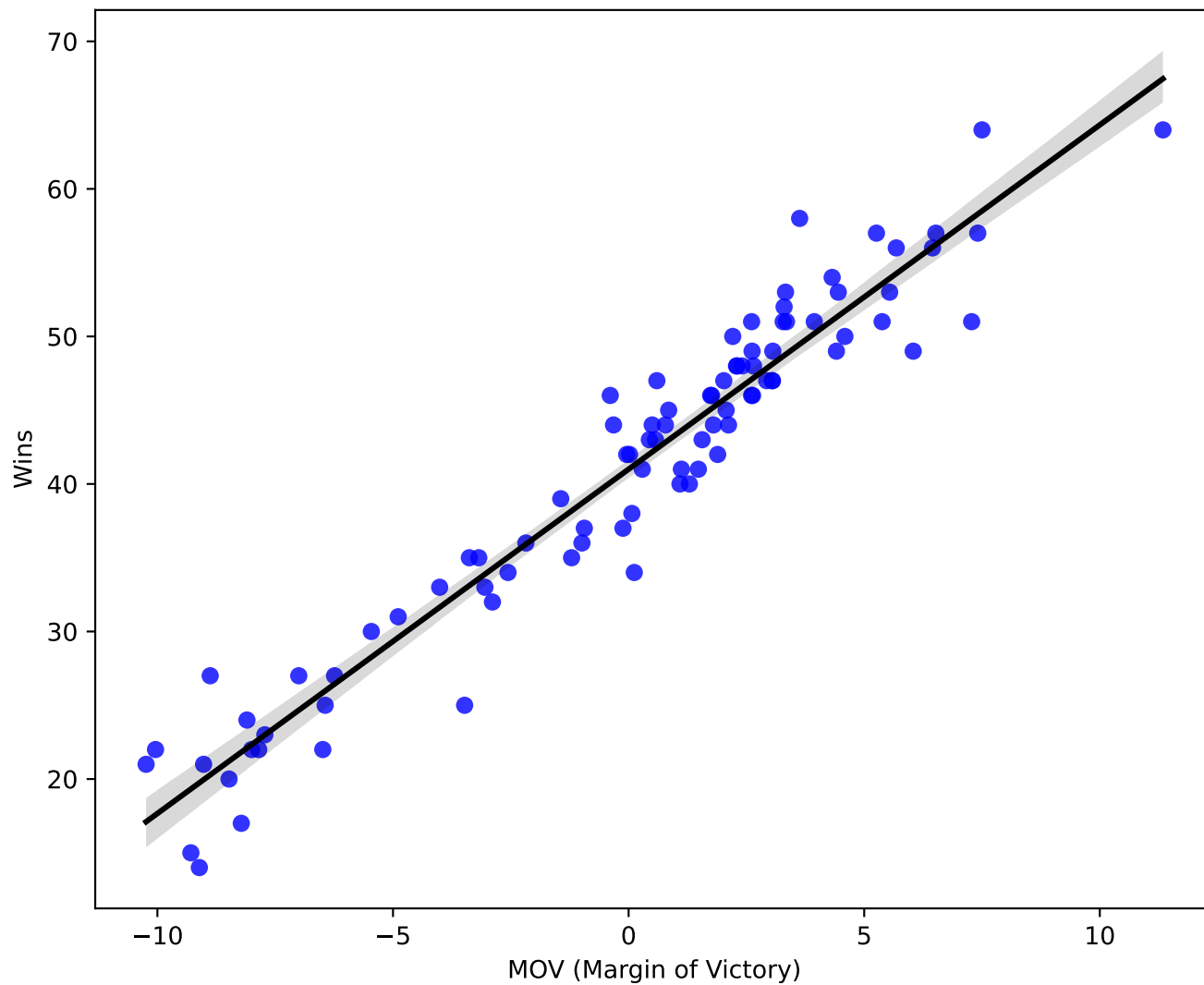
=== NBA Variance Inflation Factor (VIF) ===

Feature	VIF
const	2728.650268
MOV	2917.594575
ORtg	1529.439681
DRtg	1160.020297

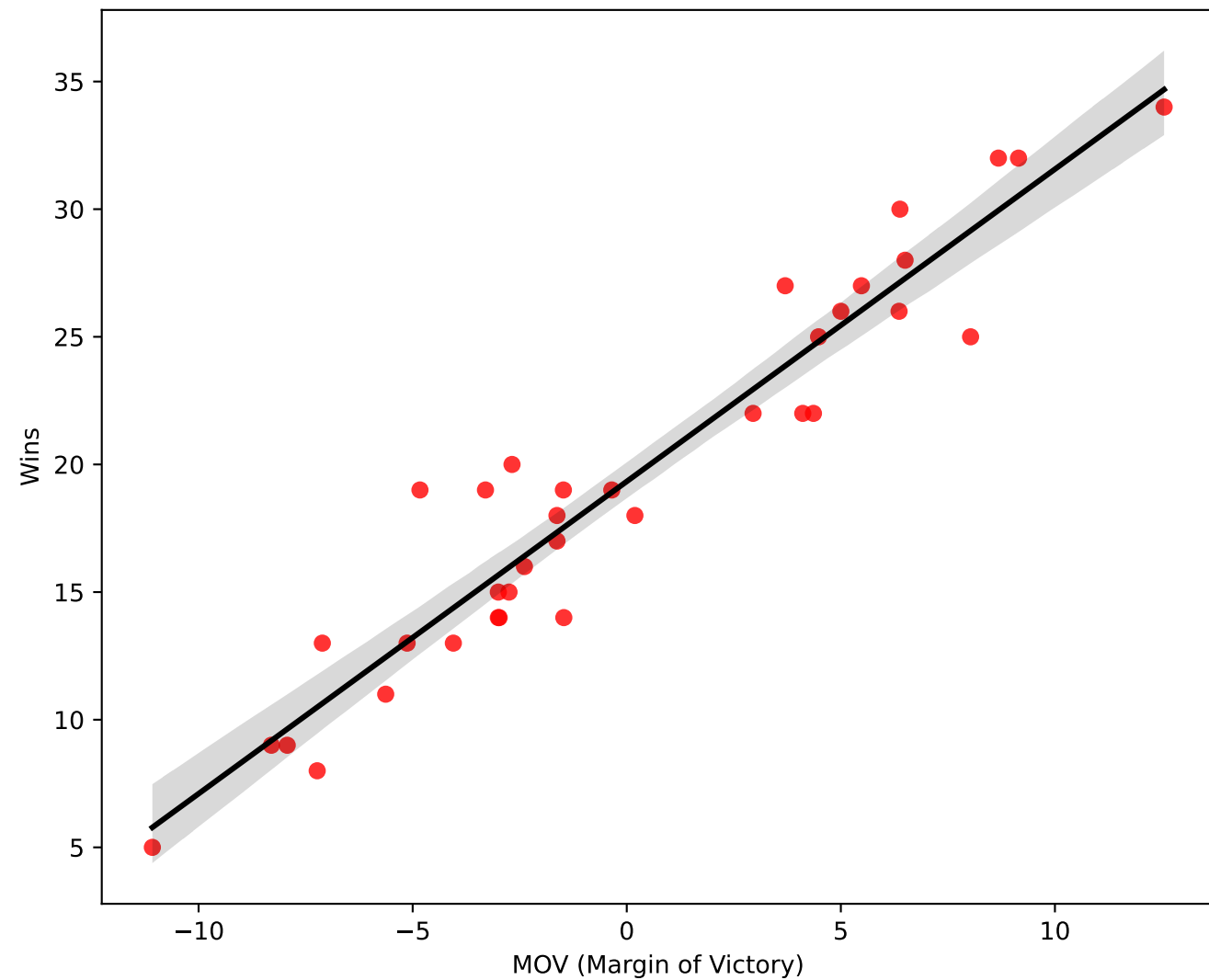
=== WNBA Variance Inflation Factor (VIF) ===

Feature	VIF
const	2134.350673
MOV	3358.229588
ORtg	1246.730572
DRtg	1167.965150

NBA: MOV vs. Wins 2022-24 Seasons



WNBA: MOV vs. Wins 2022-24 Seasons



=== NBA Regression Summary ===

OLS Regression Results

```
=====
Dep. Variable:          W      R-squared:          0.929
Model:                  OLS    Adj. R-squared:       0.928
Method:                 Least Squares  F-statistic:    1152.
Date:                   Sat, 22 Feb 2025  Prob (F-statistic): 2.46e-52
Time:                   16:24:18  Log-Likelihood: -228.87
No. Observations:      90      AIC:            461.7
Df Residuals:          88      BIC:            466.7
Df Model:              1
Covariance Type:       nonrobust
=====
```

```
=====
               coef      std err          t      P>|t|      [0.025      0.975]
-----
const          41.0013      0.328     124.985      0.000      40.349      41.653
MOV            2.3336      0.069     33.941      0.000       2.197       2.470
=====
```

```
=====
Omnibus:          0.928  Durbin-Watson:      1.814
Prob(Omnibus):    0.629  Jarque-Bera (JB):    0.468
Skew:             -0.126  Prob(JB):            0.791
Kurtosis:         3.247  Cond. No.            4.77
=====
```

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

=== WNBA Regression Summary ===

OLS Regression Results

```
=====
Dep. Variable:          W      R-squared:          0.915
Model:                  OLS    Adj. R-squared:       0.913
Method:                 Least Squares  F-statistic:    367.3
Date:                   Sat, 22 Feb 2025  Prob (F-statistic): 8.45e-20
Time:                   16:24:18  Log-Likelihood: -78.021
No. Observations:      36      AIC:             160.0
Df Residuals:          34      BIC:             163.2
Df Model:              1
Covariance Type:       nonrobust
=====
```

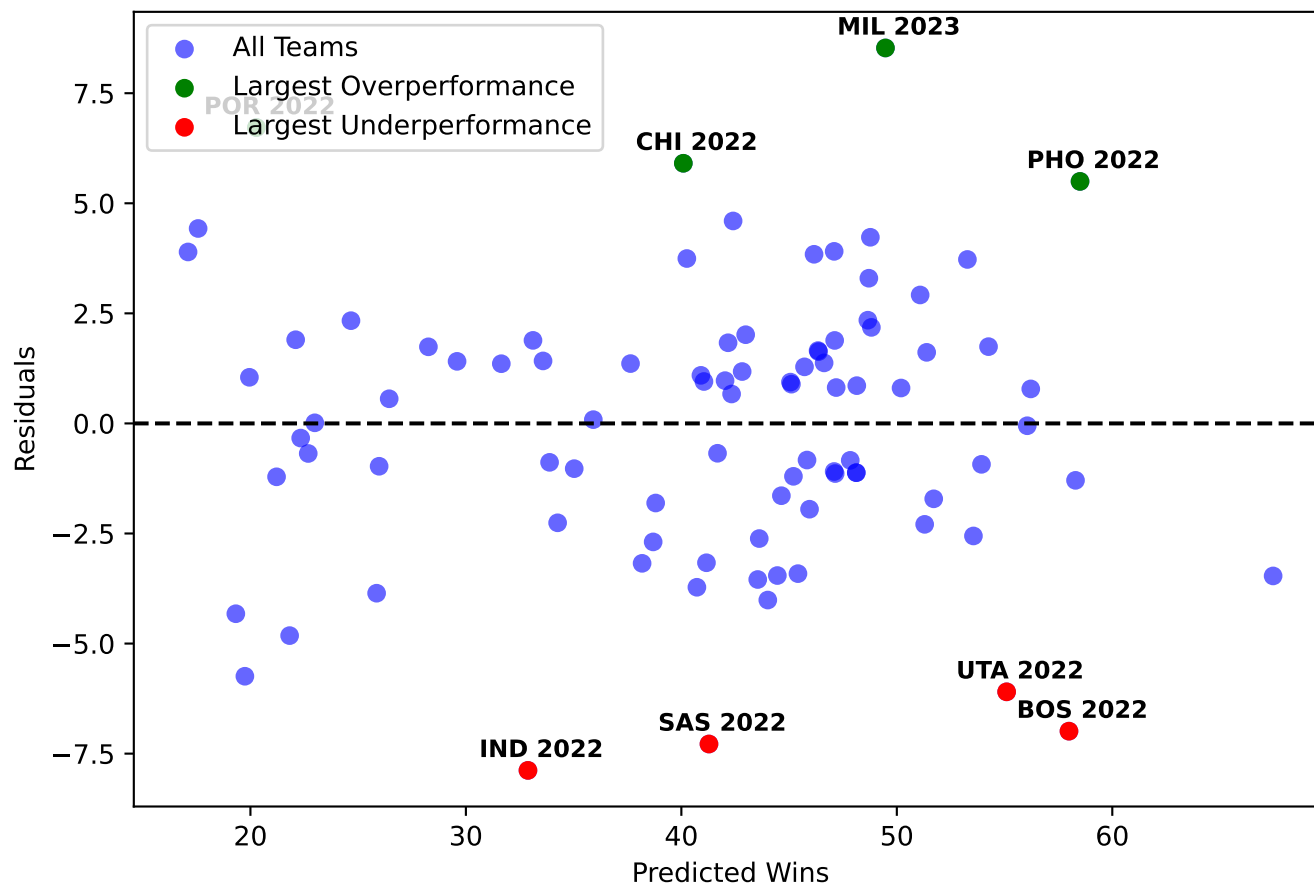
```
=====
              coef      std err          t      P>|t|      [0.025      0.975]
-----
const         19.3344      0.362      53.344      0.000      18.598      20.071
MOV           1.2232      0.064     19.166      0.000       1.094       1.353
=====
```

```
=====
Omnibus:          2.498  Durbin-Watson:          1.817
Prob(Omnibus):    0.287  Jarque-Bera (JB):          1.743
Skew:             0.537  Prob(JB):             0.418
Kurtosis:         3.102  Cond. No.              5.68
=====
```

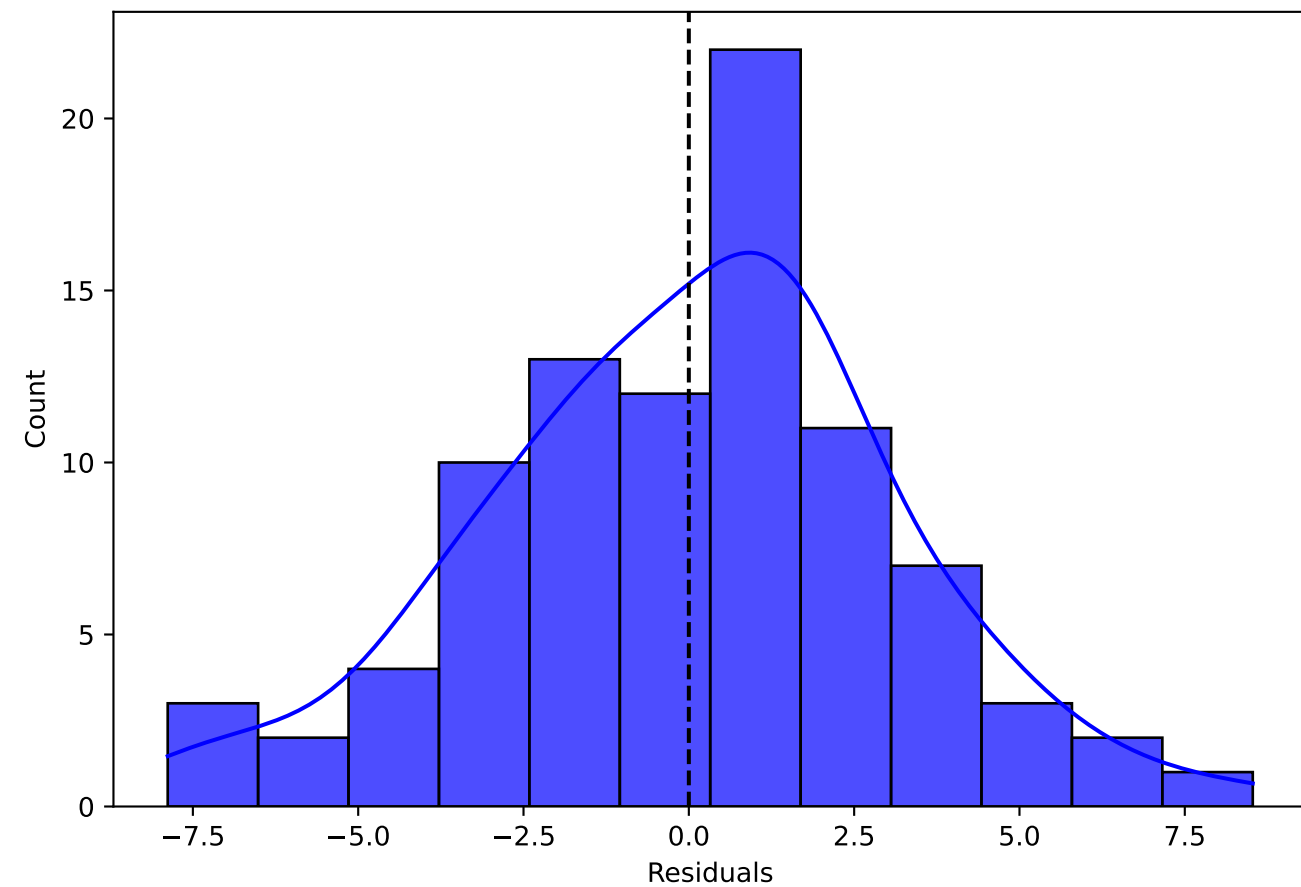
Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

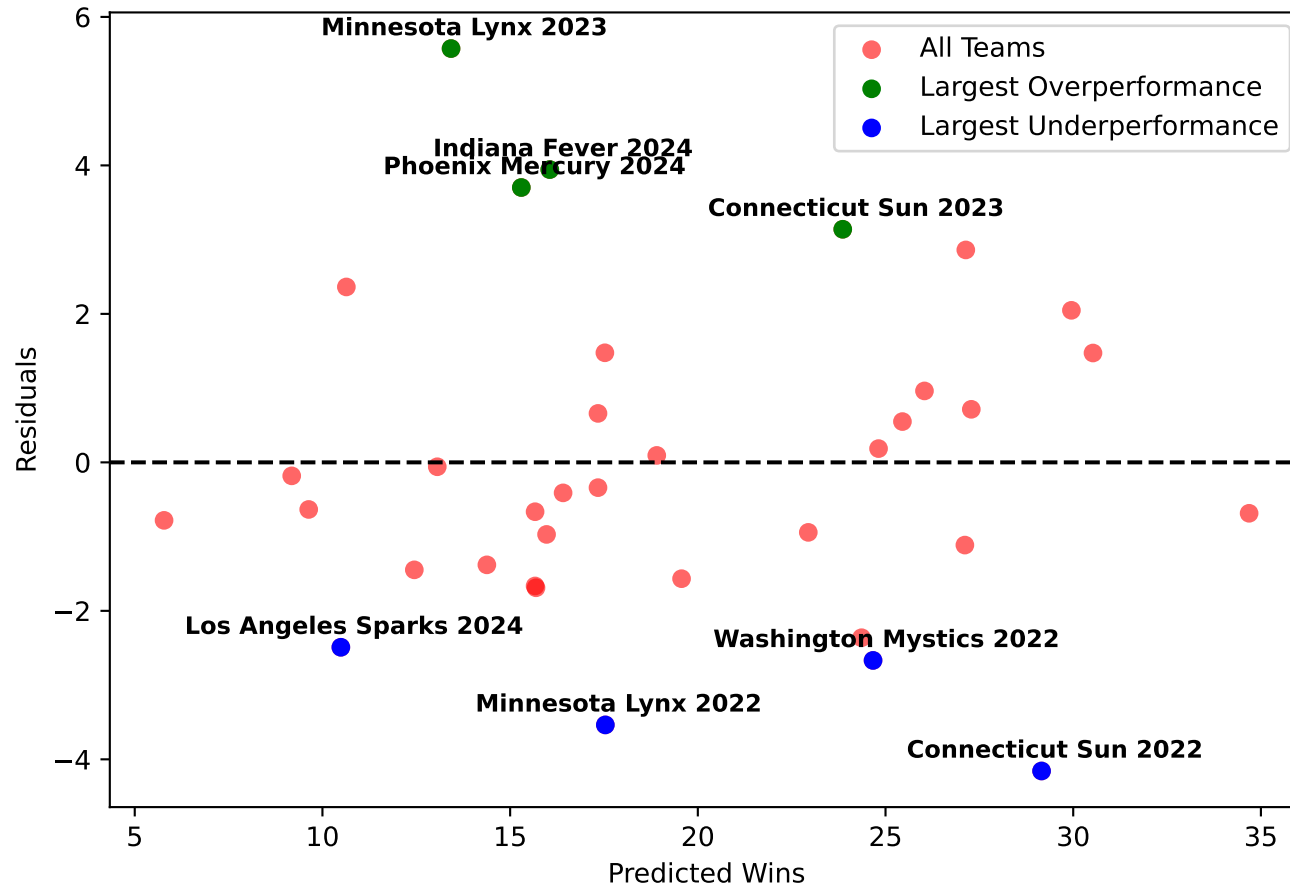
NBA Residuals vs. Predicted Wins



NBA Residuals Distribution



WNBA Residuals vs. Predicted Wins



WNBA Residuals Distribution

