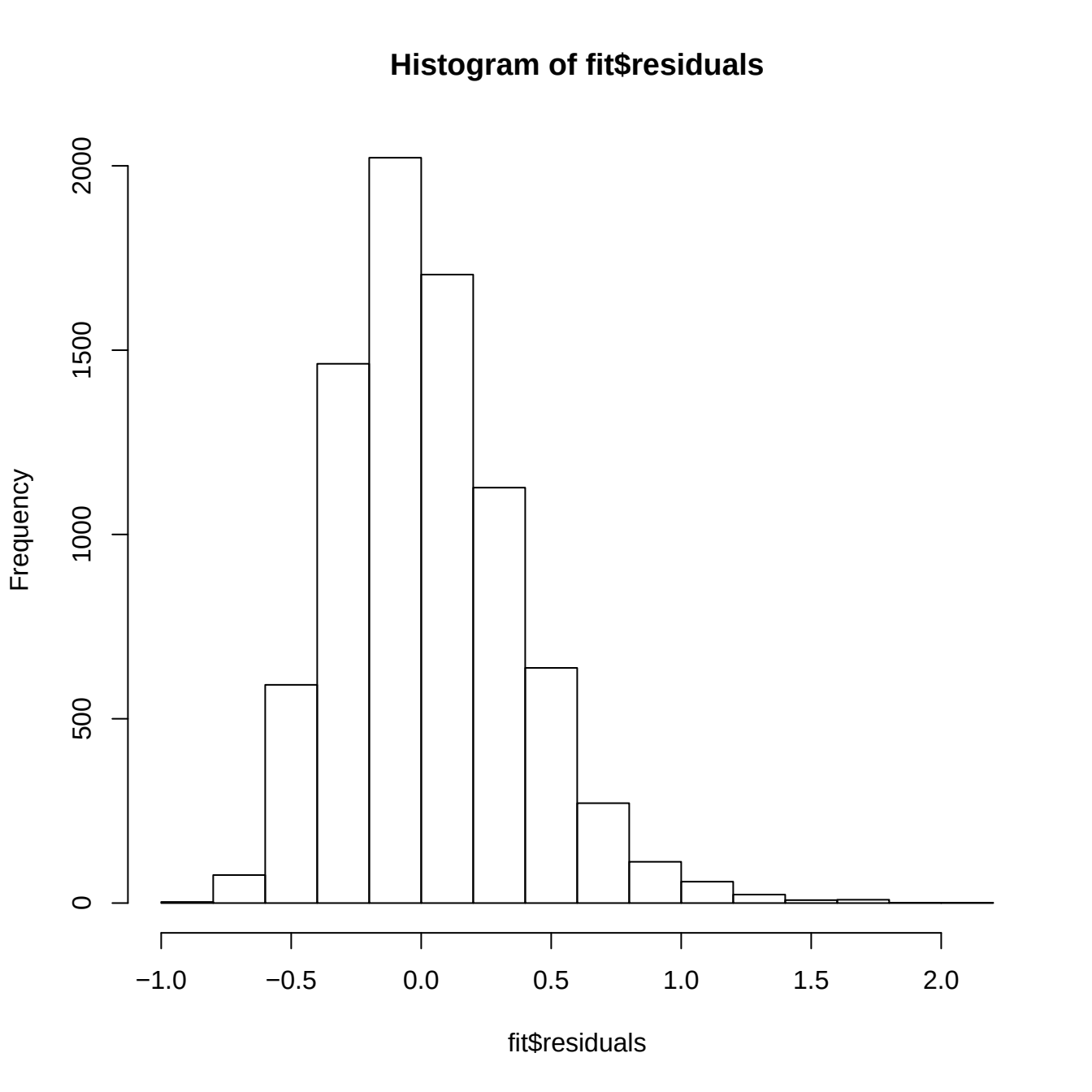
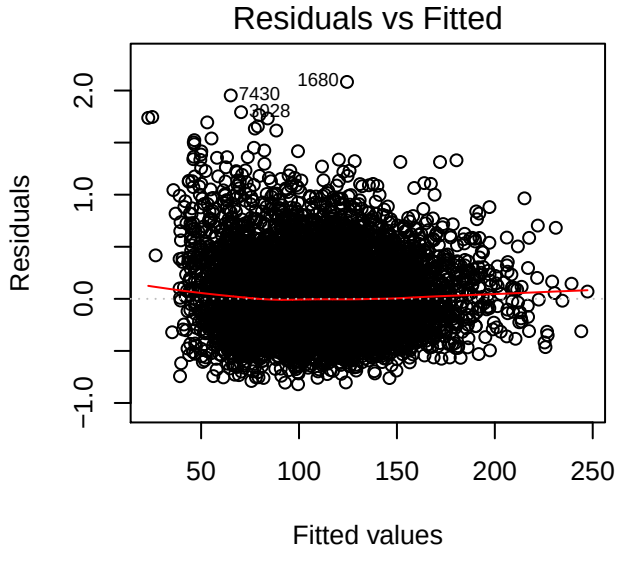
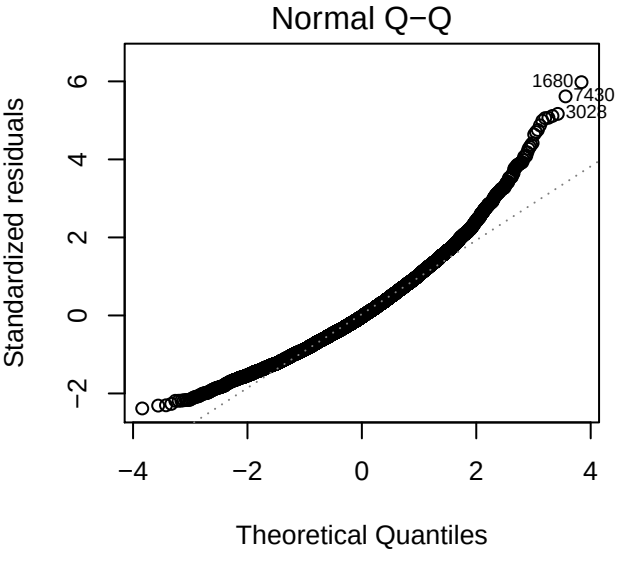
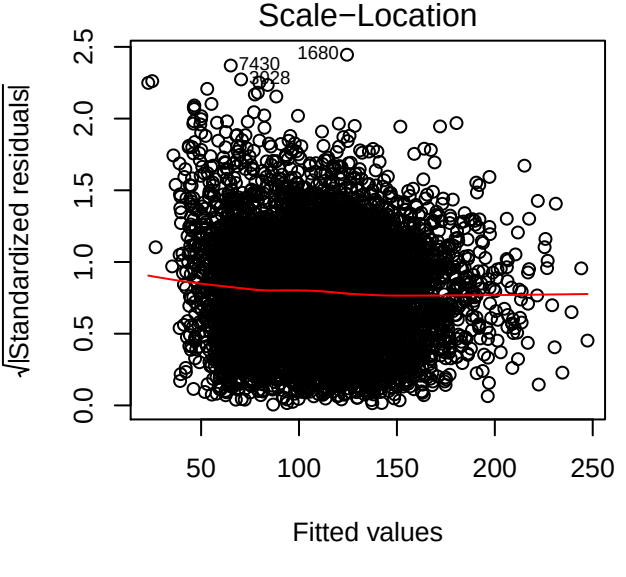
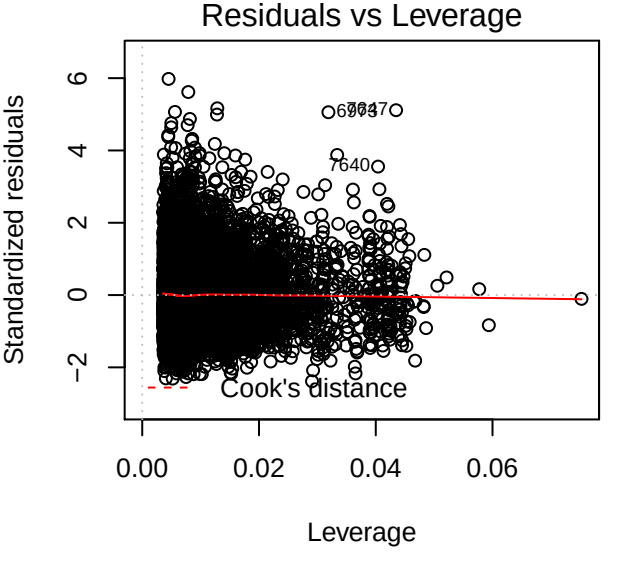
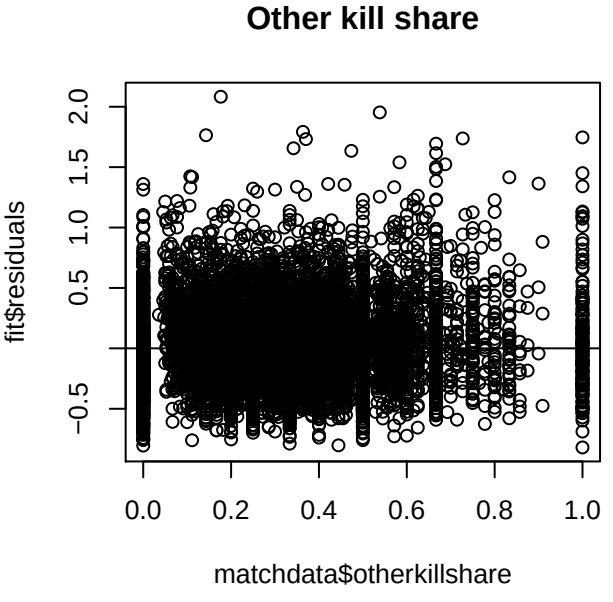

Histogram of fit$residuals
Frequency
0
500
1000
1500
2000
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
fit$residuals

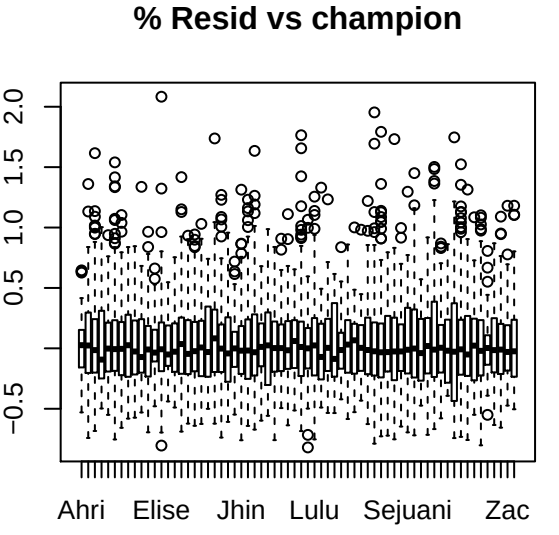

Residuals vs Fitted
Residuals
Fitted values
1680
7430
3028
2.0
1.0
0.0
−1.0
50
100
150
200
250

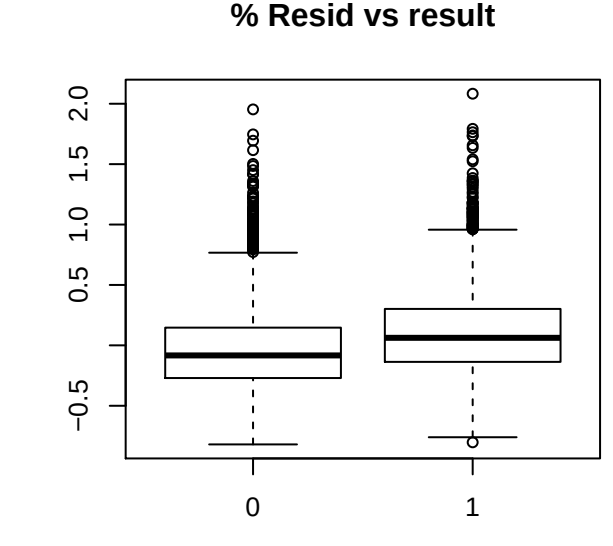

Normal Q−Q
Standardized residuals
Theoretical Quantiles
1680
7430
3028
6
4
2
0
−2
−4
−2
0
2
4

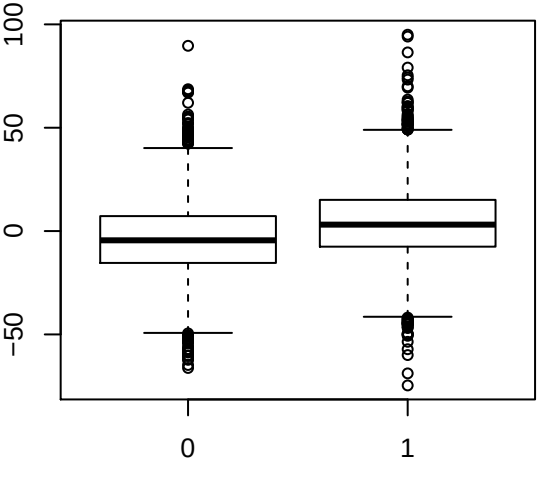

Scale−Location
√|Standardized residuals|
Fitted values
1680
7430
3028
2.5
2.0
1.5
1.0
0.5
0.0
50
100
150
200
250

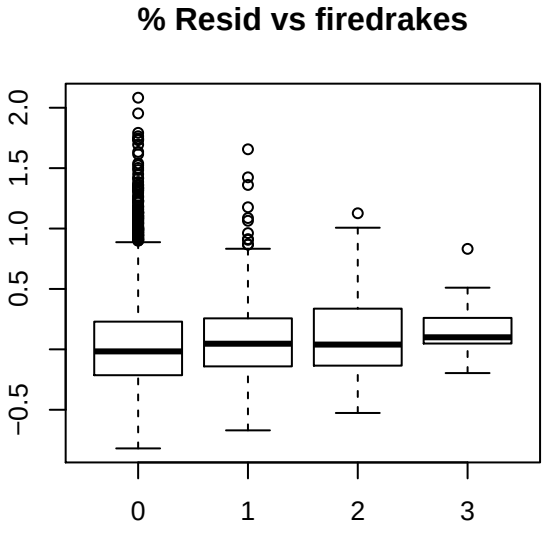

Residuals vs Leverage
Standardized residuals
Leverage
Cook's distance
7640
6
4
2
0
−2
0.00
0.02
0.04
0.06

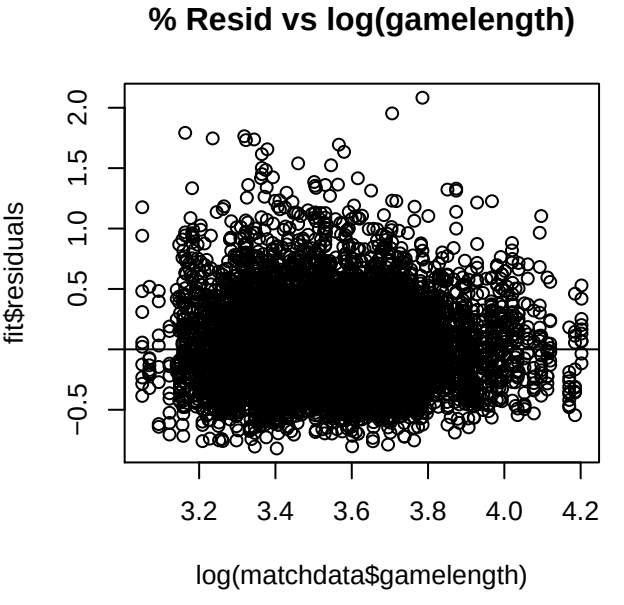

Other kill share
fit$residuals
2.0
1.5
1.0
0.5
−0.5
0.0
0.2
0.4
0.6
0.8
1.0
matchdata$otherkillshare

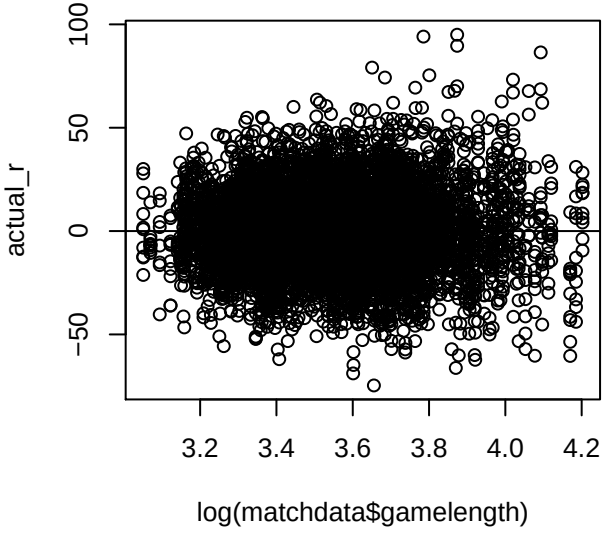

% Resid vs champion
2.0
1.5
1.0
0.5
−0.5
Ahri
Elise
Jhin
Lulu
Sejuani
Zac

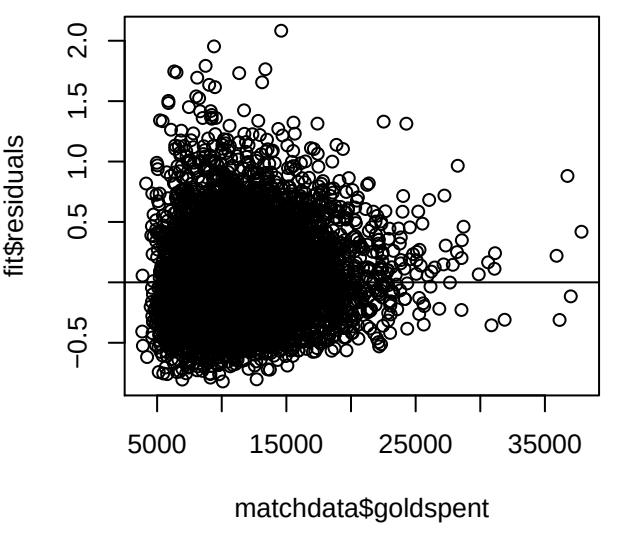

% Resid vs result
2.0
1.5
1.0
0.5
−0.5
0
1

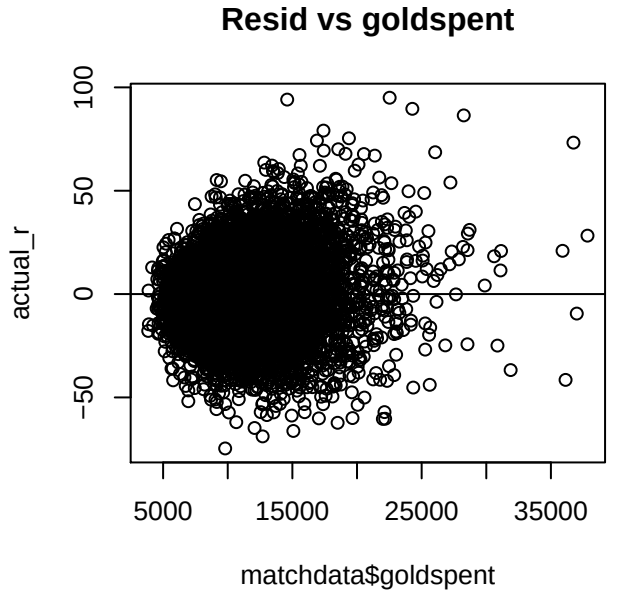

Resid vs result
100
50
0
−50
0
1

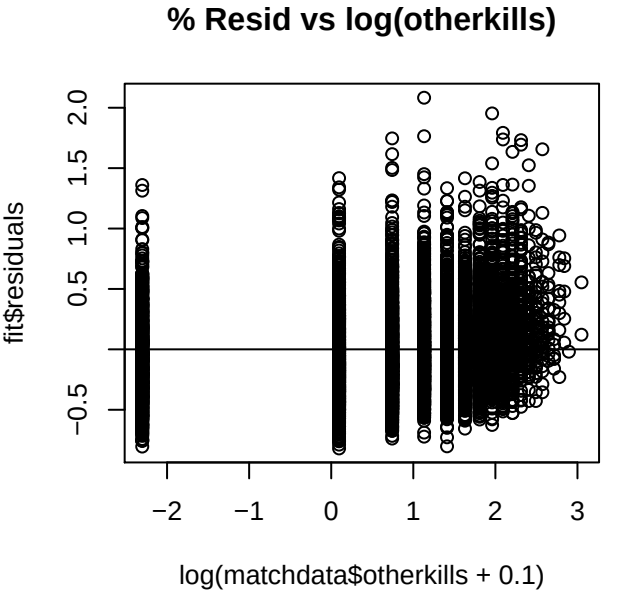

% Resid vs firedrakes
2.0
1.5
1.0
0.5
−0.5
0
1
2
3

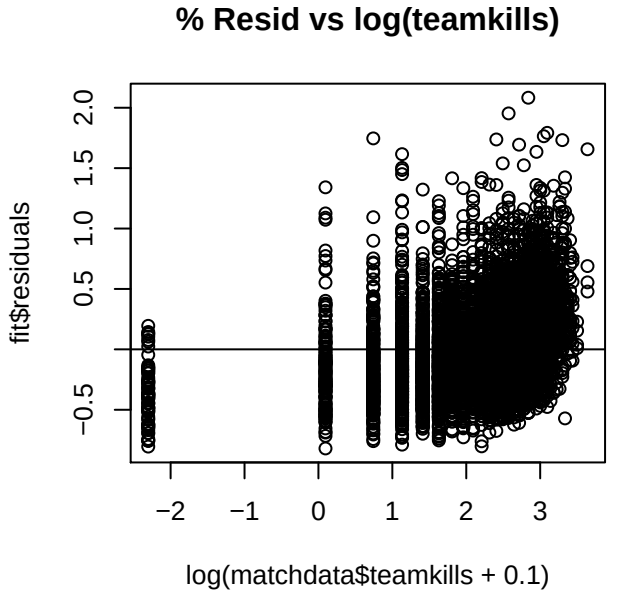

% Resid vs log(gamelength)
fit$residuals
2.0
1.5
1.0
0.5
−0.5
3.2
3.4
3.6
3.8
4.0
4.2
log(matchdata$gamelength)

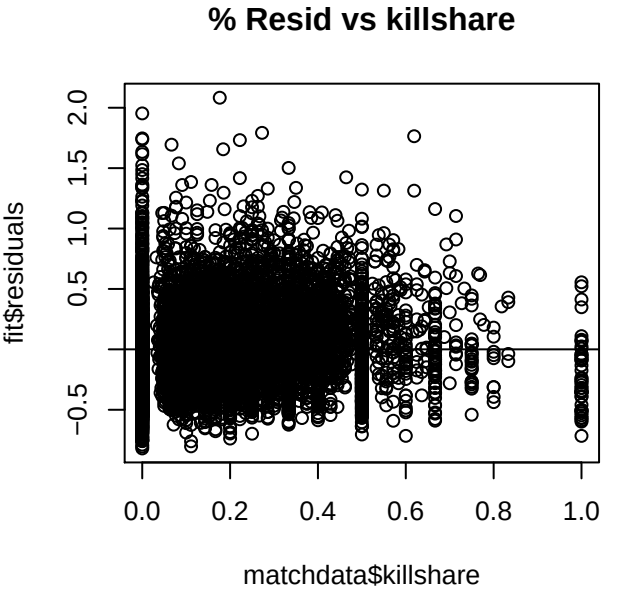

Resid vs log(gamelength)
actual_r
100
50
0
−50
3.2
3.4
3.6
3.8
4.0
4.2
log(matchdata$gamelength)


% Resid vs goldspent
fit$residuals
2.0
1.5
1.0
0.5
−0.5
5000
15000
25000
35000
matchdata$goldspent


Resid vs goldspent
actual_r
100
50
0
−50
5000
15000
25000
35000
matchdata$goldspent


% Resid vs log(otherkills)
fit$residuals
2.0
1.5
1.0
0.5
−0.5
−2
−1
0
1
2
3
log(matchdata$otherkills + 0.1)


% Resid vs log(teamkills)
fit$residuals
2.0
1.5
1.0
0.5
−0.5
−2
−1
0
1
2
3
log(matchdata$teamkills + 0.1)


% Resid vs killshare
fit$residuals
2.0
1.5
1.0
0.5
−0.5
0.0
0.2
0.4
0.6
0.8
1.0
matchdata$killshare