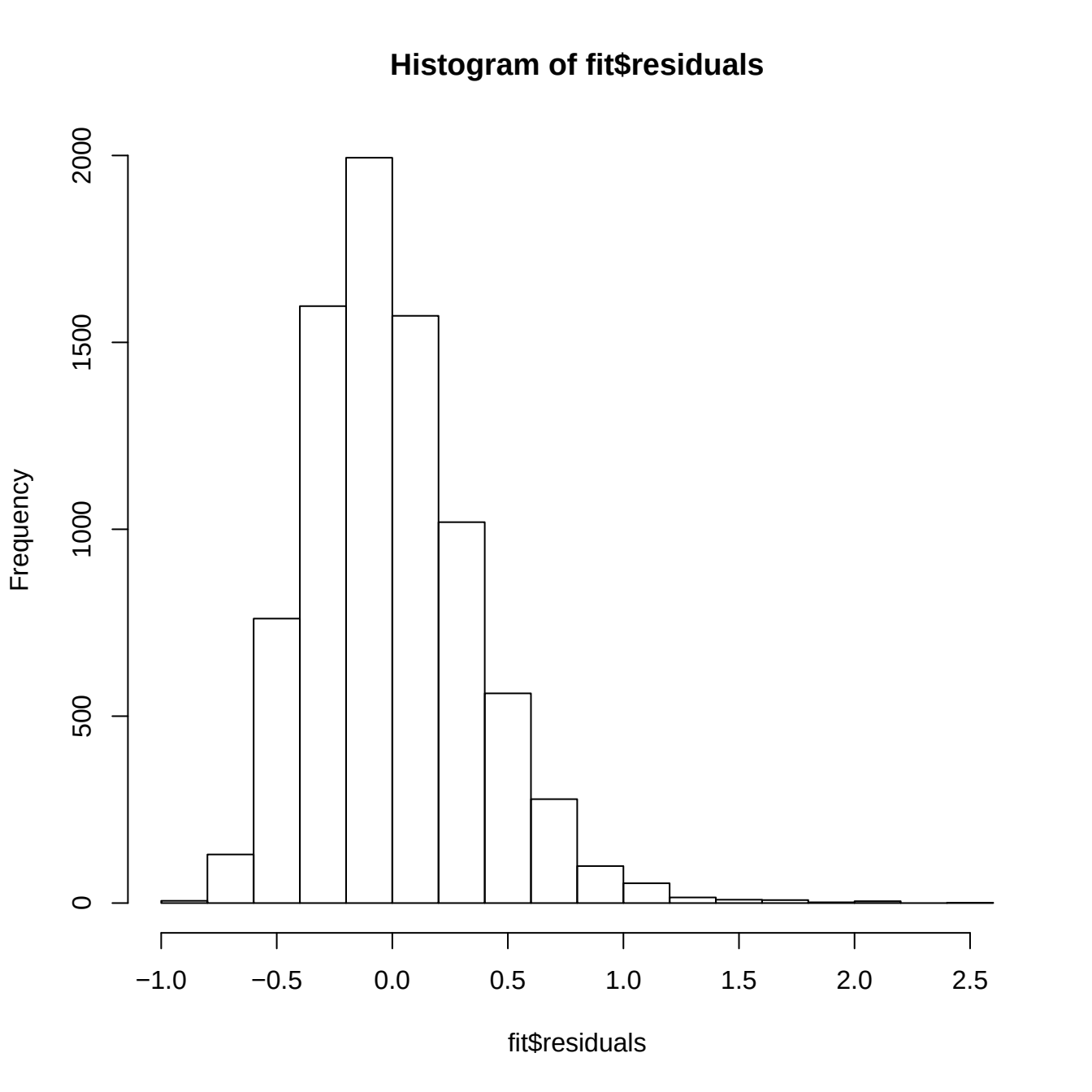
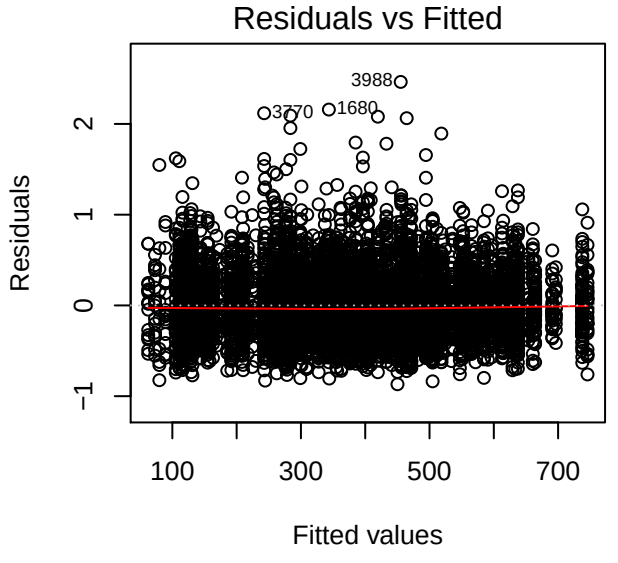
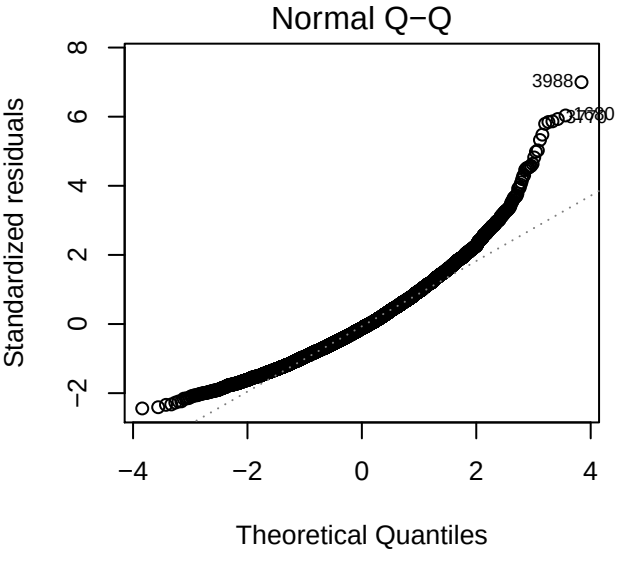
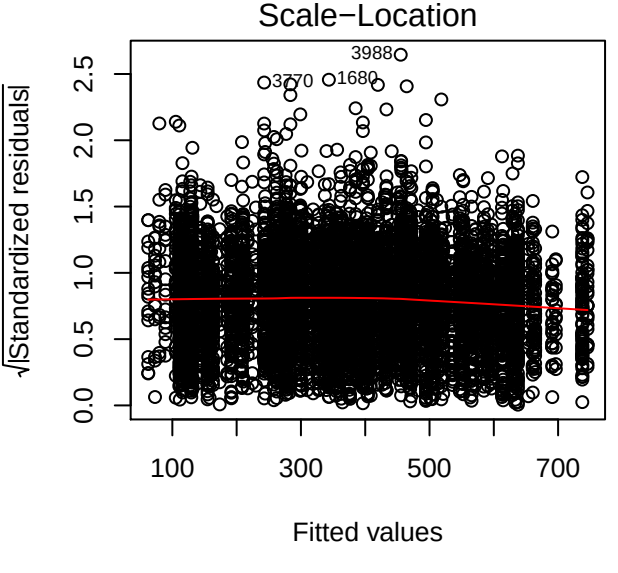
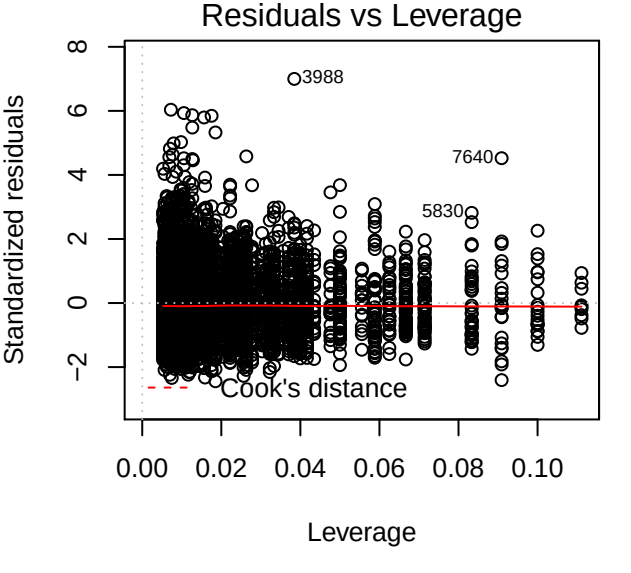
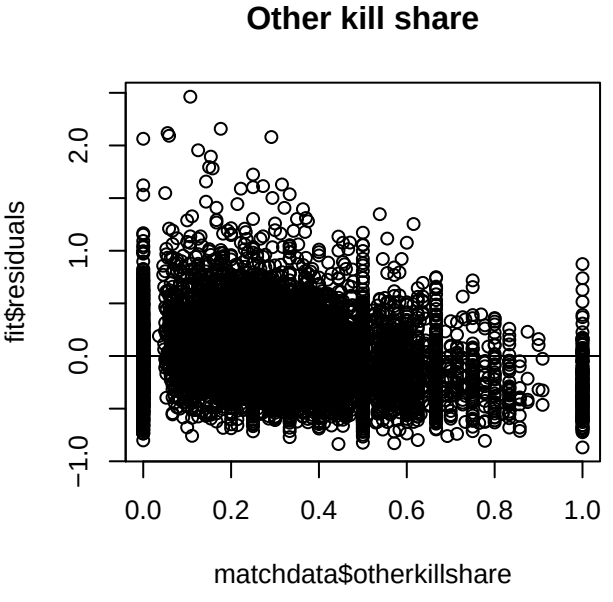

Histogram of fit$residuals
Frequency
0
500
1000
1500
2000
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
fit$residuals

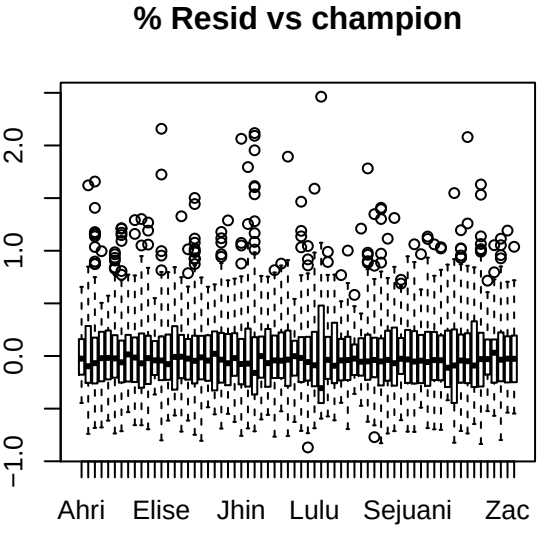

Residuals vs Fitted
Residuals
Fitted values
3988
3770
1680
100
300
500
700
−1
0
1
2

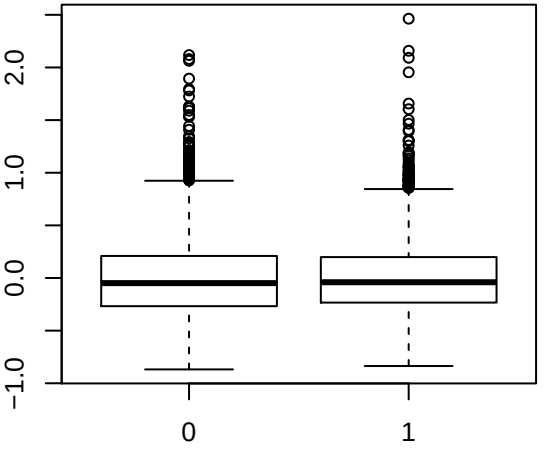

Normal Q−Q
Standardized residuals
Theoretical Quantiles
3988
−4
−2
0
2
4
−2
0
2
4
6
8

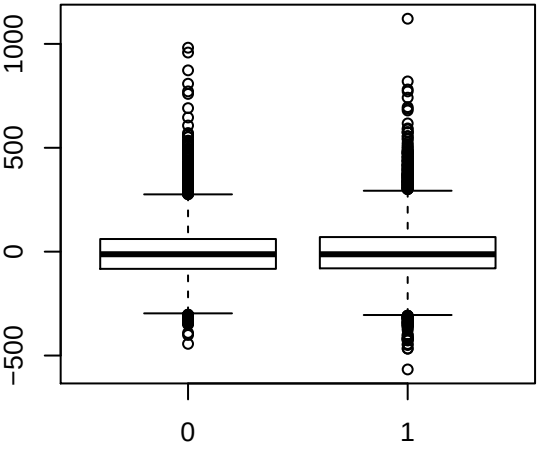

Scale−Location
√|Standardized residuals|
Fitted values
3988
3770
1680
100
300
500
700
0.0
0.5
1.0
1.5
2.0
2.5

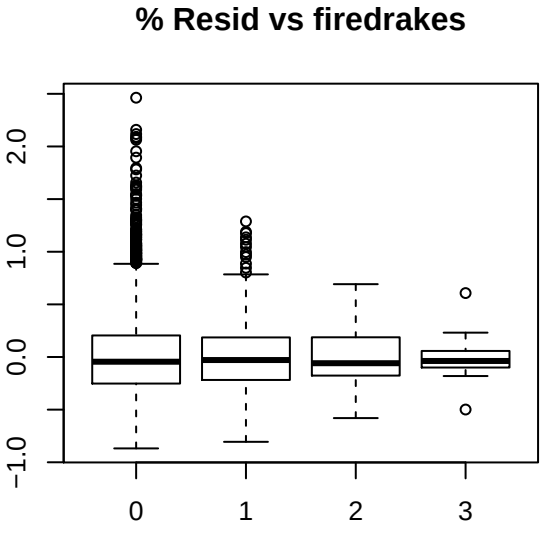

Residuals vs Leverage
Standardized residuals
Leverage
3988
7640
5830
Cook's distance
0.00
0.02
0.04
0.06
0.08
0.10
−2
0
2
4
6
8

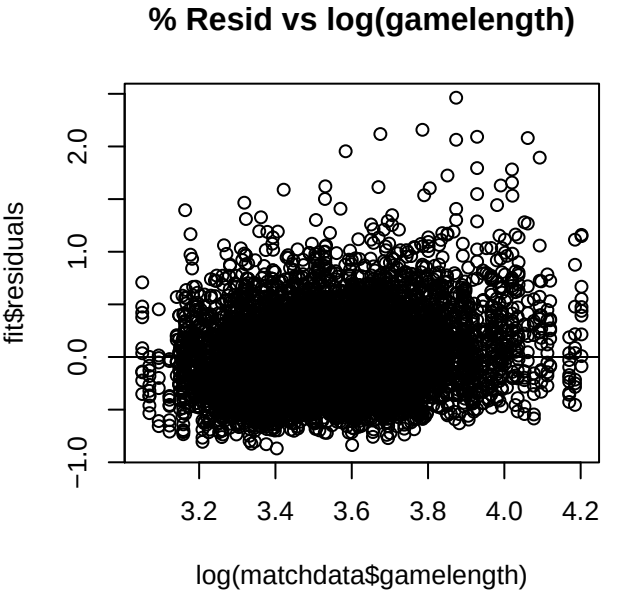

Other kill share
fit$residuals
matchdata$otherkillshare

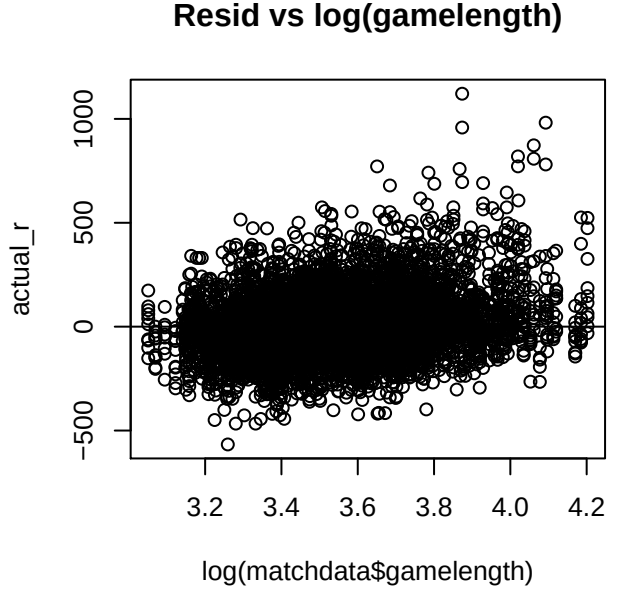

% Resid vs champion
Ahri
Elise
Jhin
Lulu
Sejuani
Zac

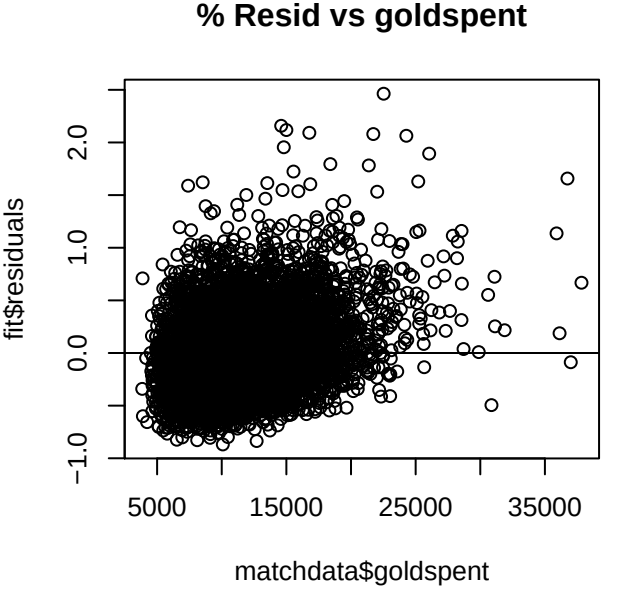

% Resid vs result

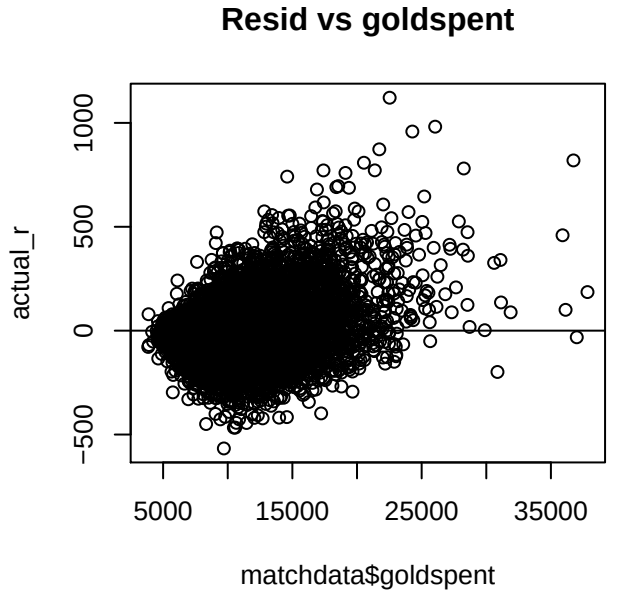

Resid vs result

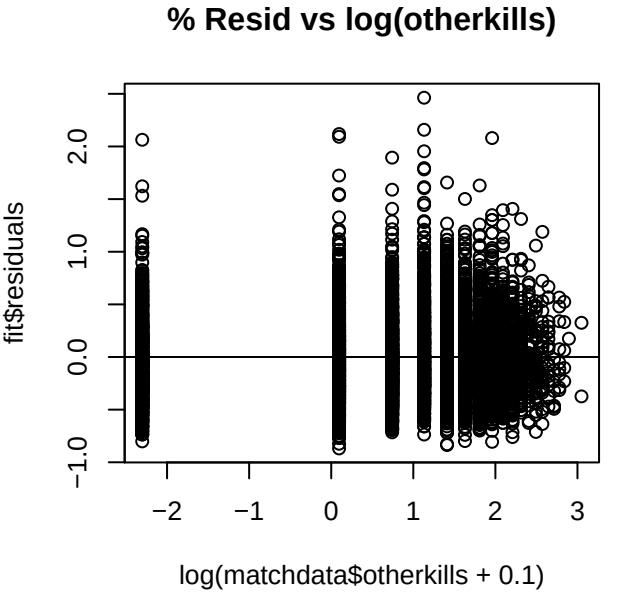

% Resid vs firedrakes
2.0
1.0
0.0
−1.0
0
1
2
3

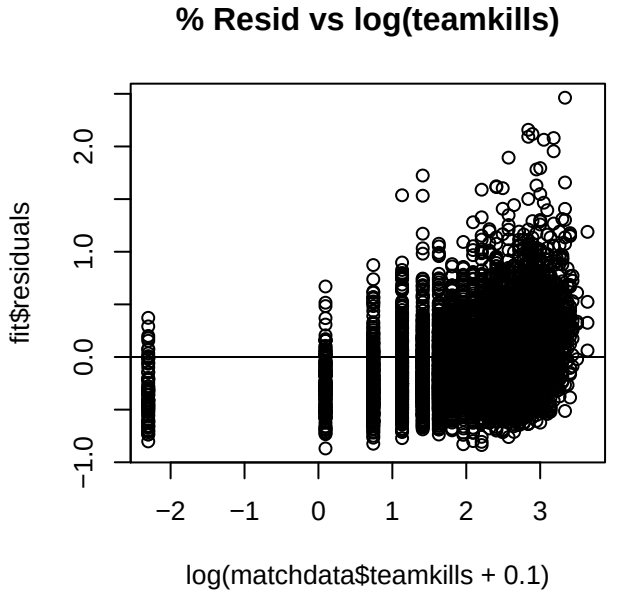

% Resid vs log(gamelength)
fit$residuals
2.0
1.0
0.0
−1.0
3.2
3.4
3.6
3.8
4.0
4.2
log(matchdata$gamelength)

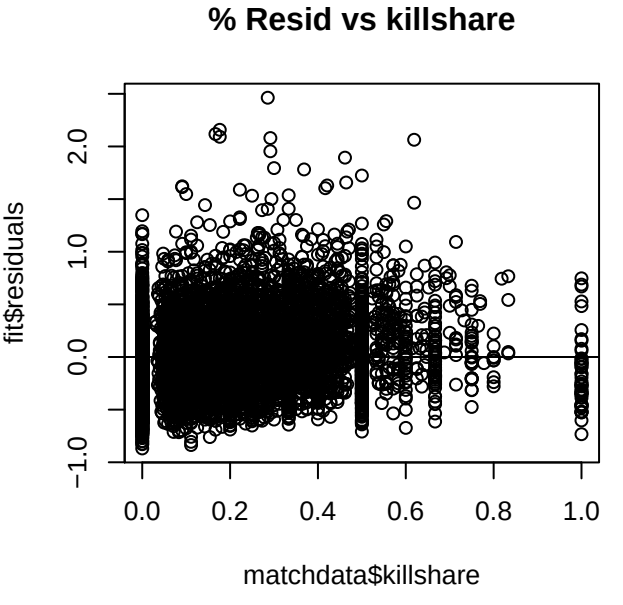

Resid vs log(gamelength)
actual_r
1000
500
0
−500
3.2
3.4
3.6
3.8
4.0
4.2
log(matchdata$gamelength)


% Resid vs goldspent
fit$residuals
2.0
1.0
0.0
−1.0
5000
15000
25000
35000
matchdata$goldspent


Resid vs goldspent
actual_r
1000
500
0
−500
5000
15000
25000
35000
matchdata$goldspent


% Resid vs log(otherkills)
fit$residuals
2.0
1.0
0.0
−1.0
−2
−1
0
1
2
3
log(matchdata$otherkills + 0.1)


% Resid vs log(teamkills)
fit$residuals
2.0
1.0
0.0
−1.0
−2
−1
0
1
2
3
log(matchdata$teamkills + 0.1)


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