

Model 1:

Summary Stats:

```
> summary(lin.mod1)
```

Call:
lm(formula = log(PRICE) ~ BEDS + BATH, data = df)

Residuals:

Min	1Q	Median	3Q	Max
-5.2014	-0.4320	-0.0665	0.3961	4.0563

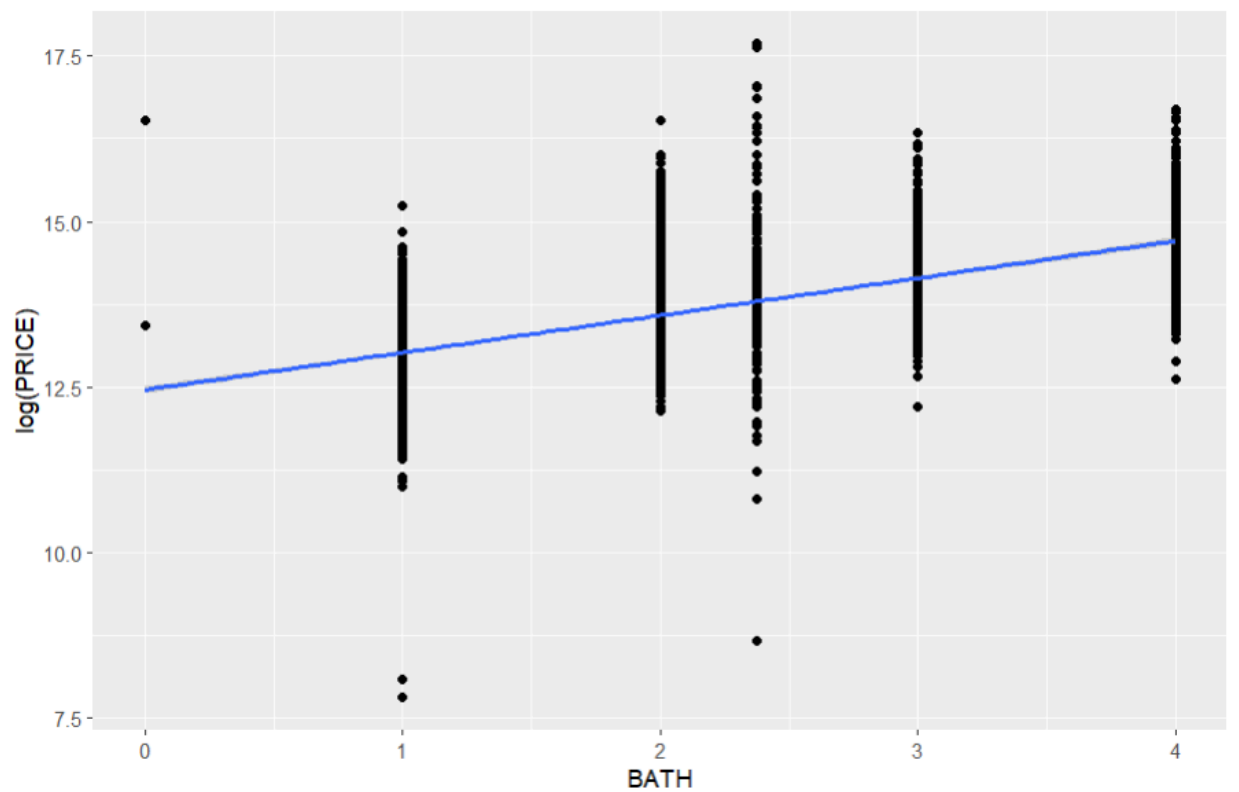
Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	12.457215	0.026547	469.259	<2e-16 ***
BEDS	0.003251	0.010054	0.323	0.746
BATH	0.559366	0.015195	36.813	<2e-16 ***

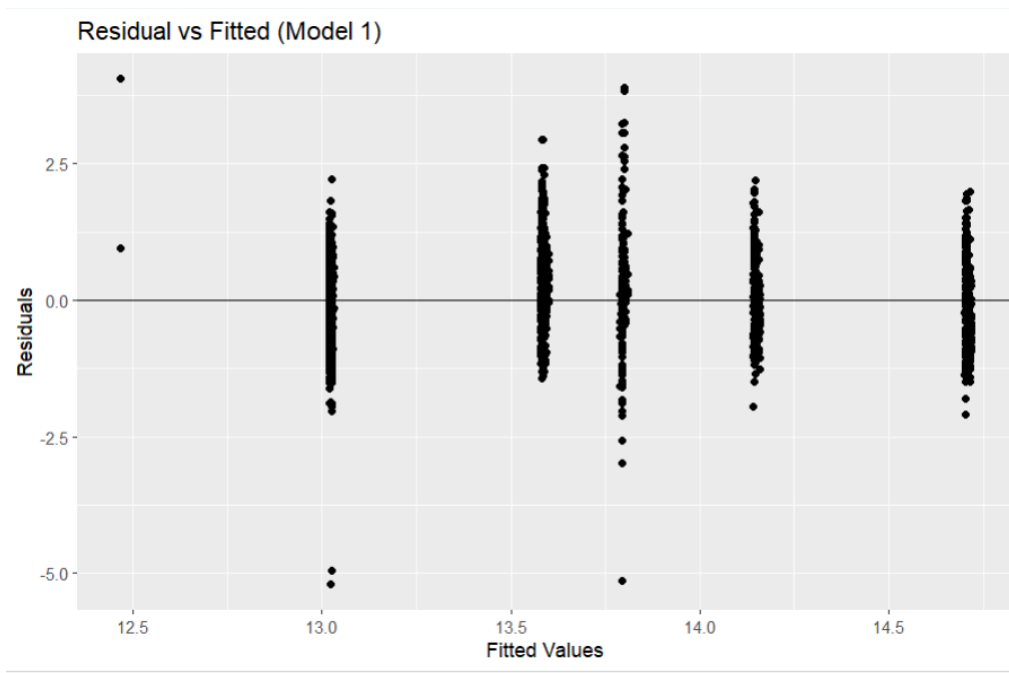
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.6875 on 4208 degrees of freedom
Multiple R-squared: 0.357, Adjusted R-squared: 0.3567
F-statistic: 1168 on 2 and 4208 DF, p-value: < 2.2e-16

Most Significant Variable versus log(Price) with best fit line:



Scatterplot of Residuals:



Model 2:

Summary Stats:

```
> summary(lin.mod2)
```

Call:
lm(formula = log(PRICE) ~ BEDS + PROPERTYSQFT, data = df)

Residuals:

Min	1Q	Median	3Q	Max
-5.7745	-0.4462	-0.0708	0.3600	3.6308

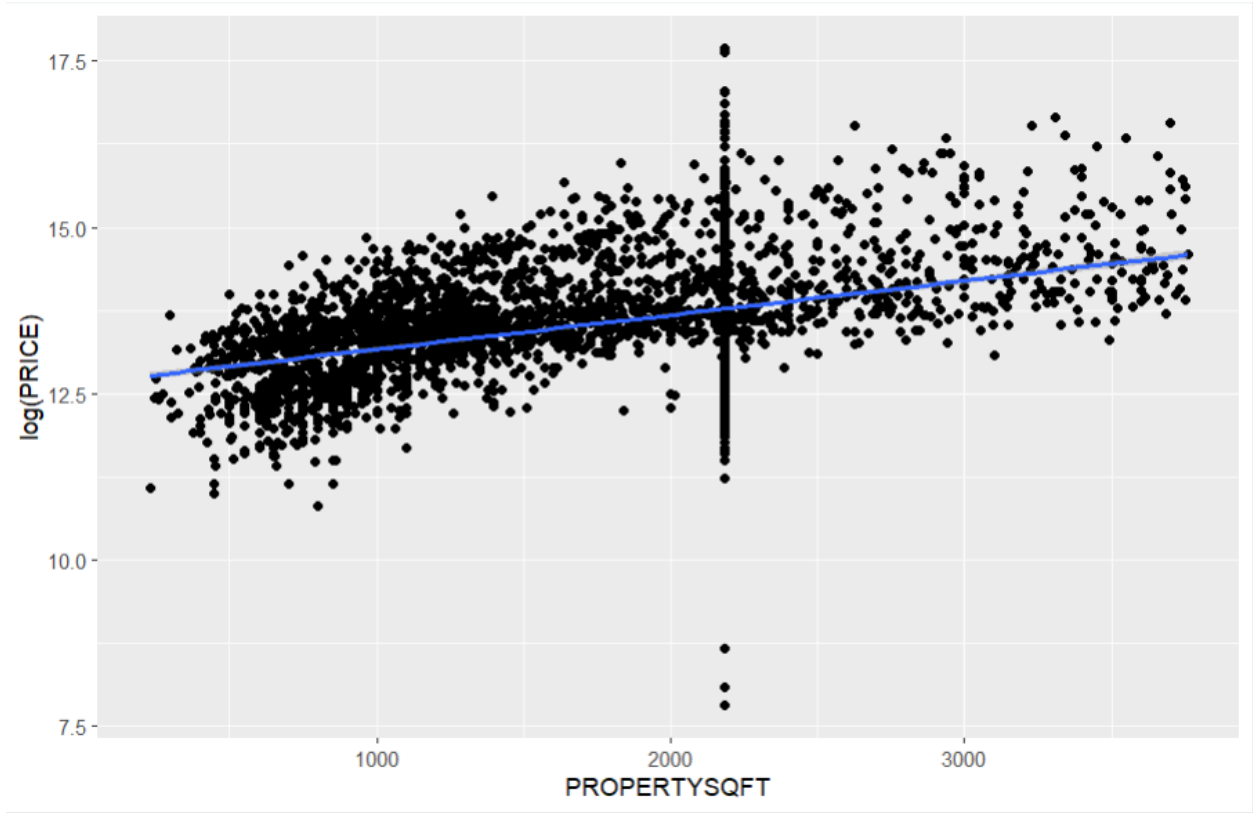
Coefficients:

	Estimate	Std. Error	t value	Pr(> t)	
(Intercept)	1.247e+01	3.326e-02	374.84	<2e-16	***
BEDS	1.532e-01	9.498e-03	16.13	<2e-16	***
PROPERTYSQFT	3.774e-04	1.861e-05	20.28	<2e-16	***

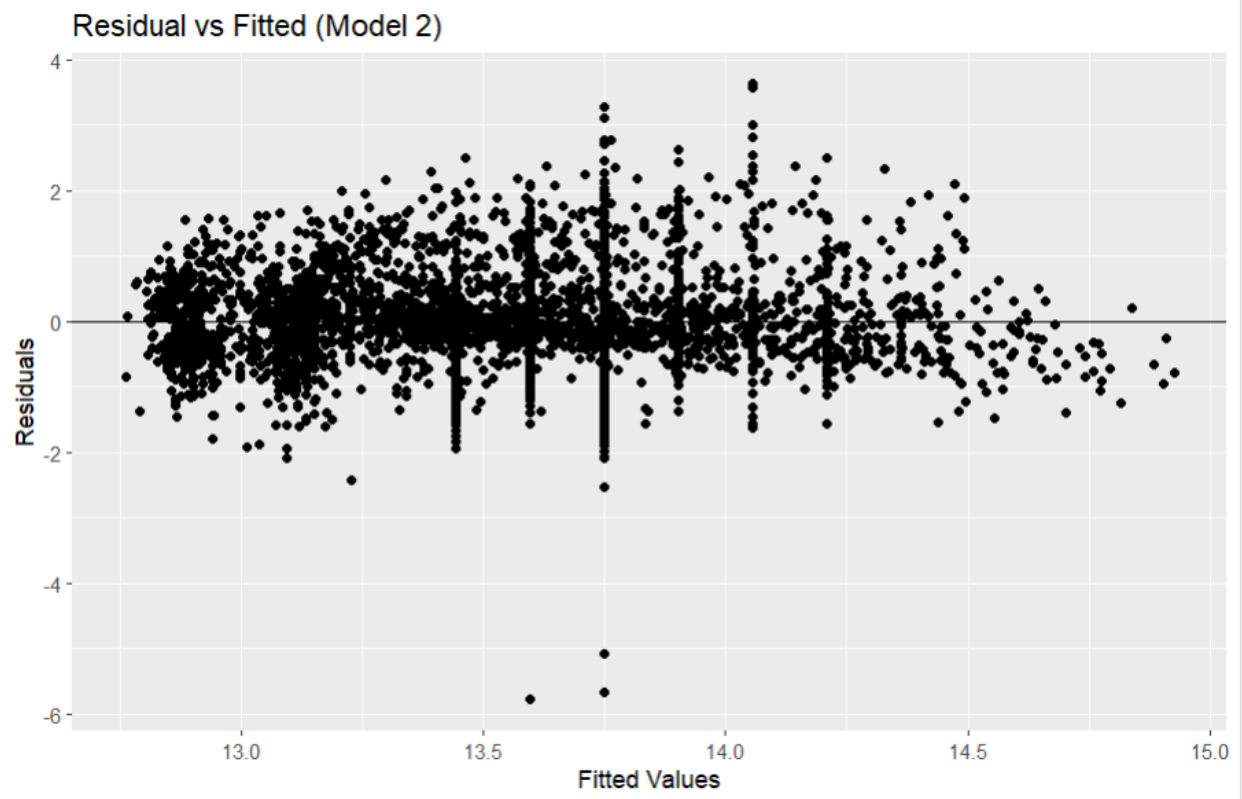
Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.7544 on 4208 degrees of freedom
Multiple R-squared: 0.2256, Adjusted R-squared: 0.2253
F-statistic: 613.1 on 2 and 4208 DF, p-value: < 2.2e-16

Most Significant Variable versus log(Price) with best fit line:



Scatterplot of Residuals:



Model 3:

Summary Stats:

```
> lin.mod3 <- lm(log(PRICE) ~ BATH + PROPERTYSQFT, df)
> summary(lin.mod3)
```

Call:
lm(formula = log(PRICE) ~ BATH + PROPERTYSQFT, data = df)

Residuals:

Min	1Q	Median	3Q	Max
-5.3682	-0.4218	-0.0547	0.3845	3.8324

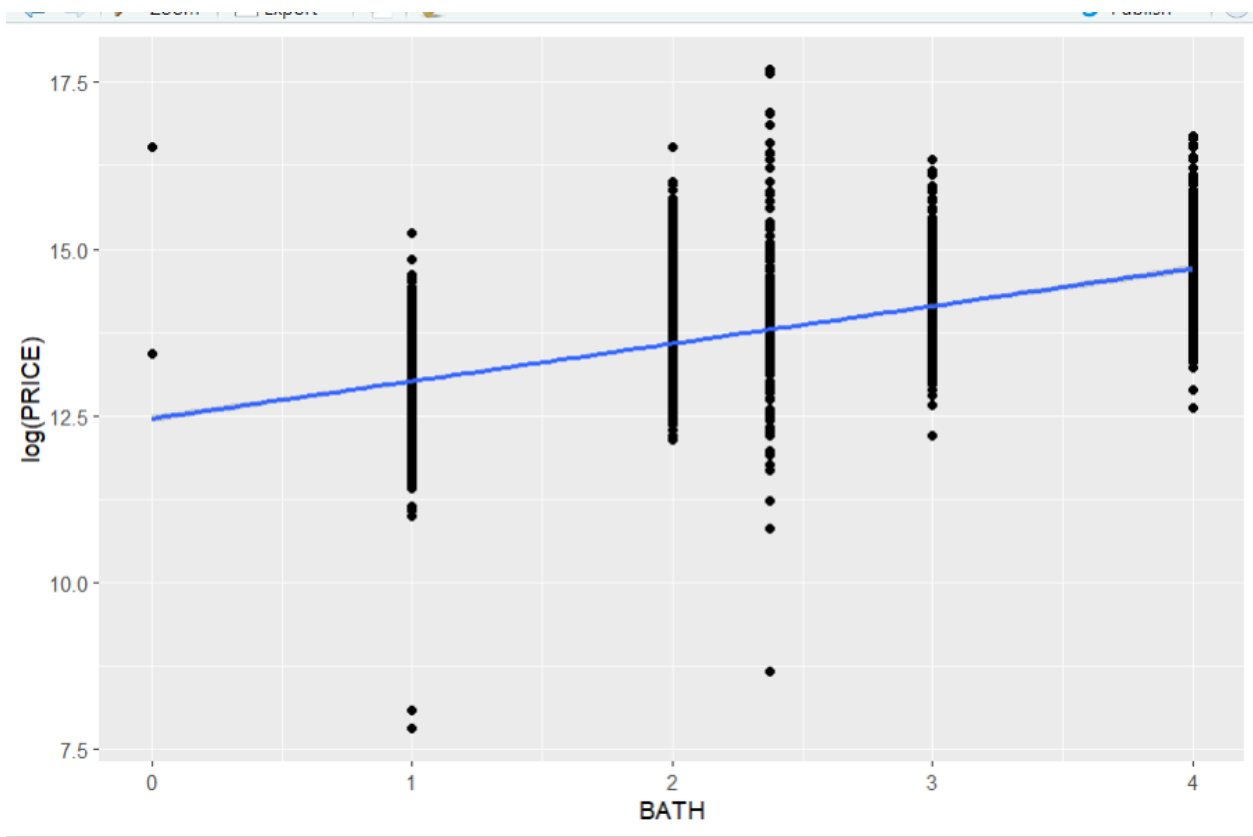
Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	1.224e+01	2.998e-02	408.41	<2e-16 ***
BATH	4.836e-01	1.305e-02	37.06	<2e-16 ***
PROPERTYSQFT	2.118e-04	1.691e-05	12.53	<2e-16 ***

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.675 on 4208 degrees of freedom
Multiple R-squared: 0.3801, Adjusted R-squared: 0.3798
F-statistic: 1290 on 2 and 4208 DF, p-value: < 2.2e-16

Most Significant Variable versus log(Price) with best fit line:



Scatterplot of Residuals:

