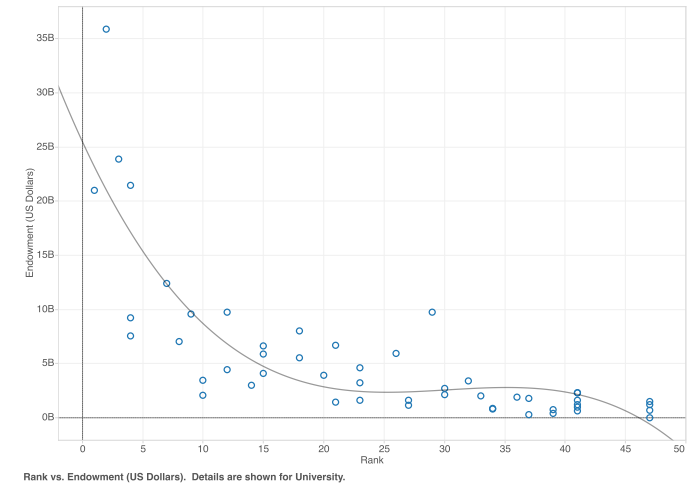
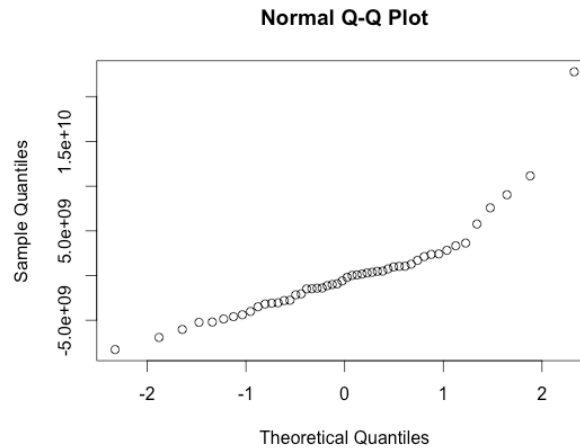
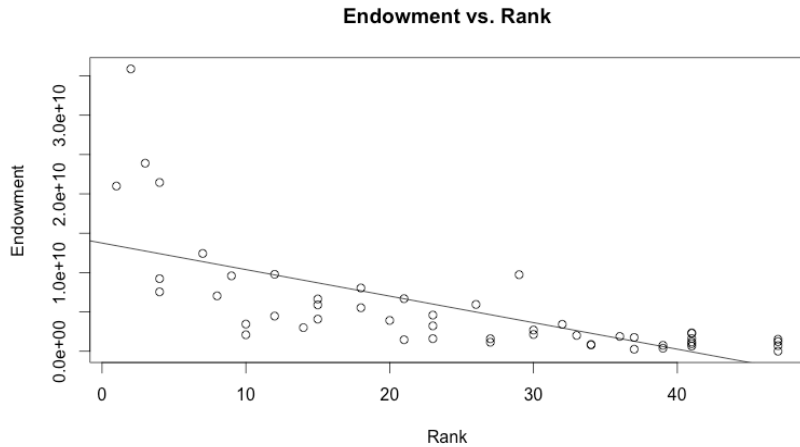


# University Ranking and Endowment



Rank vs. Endowment (US Dollars). Details are shown for University.

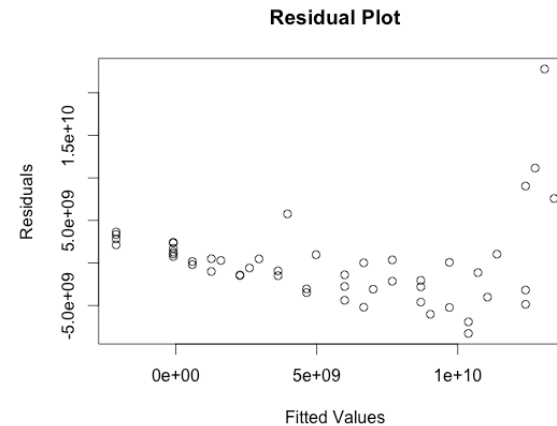
Residuals:

	Min	1Q	Median	3Q	Max
	-8.284e+09	-2.985e+09	-3.991e+08	1.217e+09	2.280e+10

Coefficients:

	Estimate	Std. Error	t value	Pr(> t )
(Intercept)	1.375e+10	1.459e+09	9.425	1.70e-12 ***
rank	-3.377e+08	5.139e+07	-6.571	3.34e-08 ***

Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
 Residual standard error: 5.081e+09 on 48 degrees of freedom  
 Multiple R-squared: 0.4736, Adjusted R-squared: 0.4626  
 F-statistic: 43.18 on 1 and 48 DF, p-value: 3.341e-08



**Model formula:** ( Rank<sup>3</sup> + Rank<sup>2</sup> + Rank + intercept )  
**Number of modeled observations:** 50  
**Number of filtered observations:** 0  
**Model degrees of freedom:** 4  
**Residual degrees of freedom (DF):** 46  
**SSE (sum squared error):** 6.92424e+20  
**MSE (mean squared error):** 1.50527e+19  
**R-Squared:** 0.705837  
**Standard error:** 3.87978e+09  
**p-value (significance):** < 0.0001

Panels	Line		Coefficients				
	Colu	p-value	Term	Value	StdErr	t-value	p-value
Endowment (US Dollars)	Rank	< 0.0001	Rank^3	-904043	257072	-3.5167	0.0009949
			Rank^2	8.1956e+07	1.90905e+07	4.29302	< 0.0001
			Rank	2.40991e+09	4.0452e+08	-5.95745	< 0.0001
			intercept	2.55053e+10	2.30528e+09	11.0639	< 0.0001