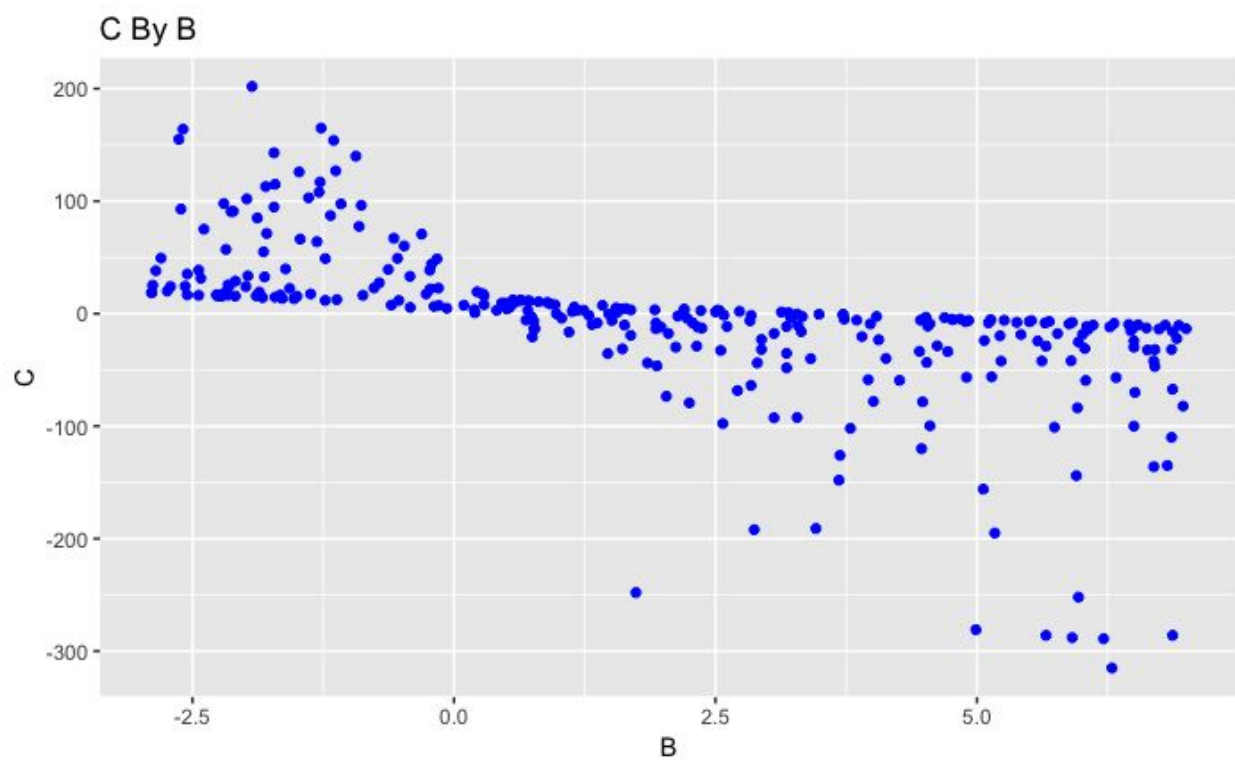
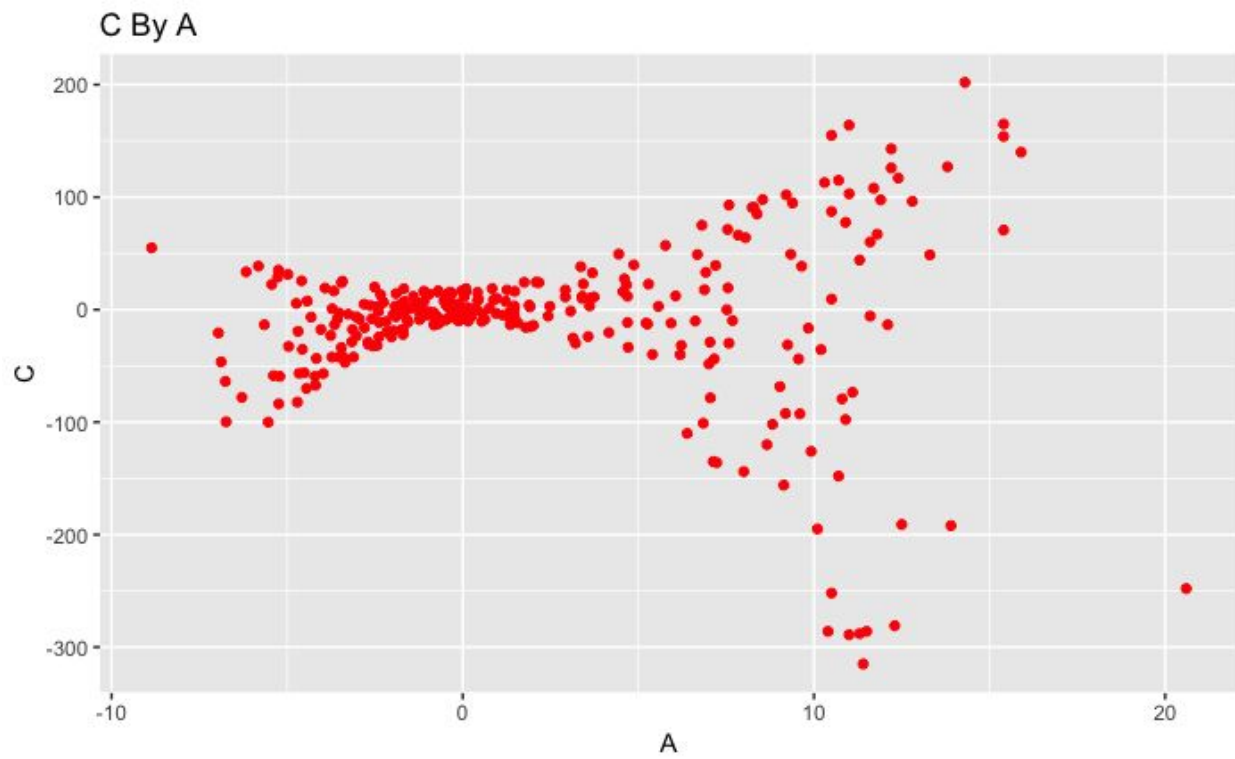
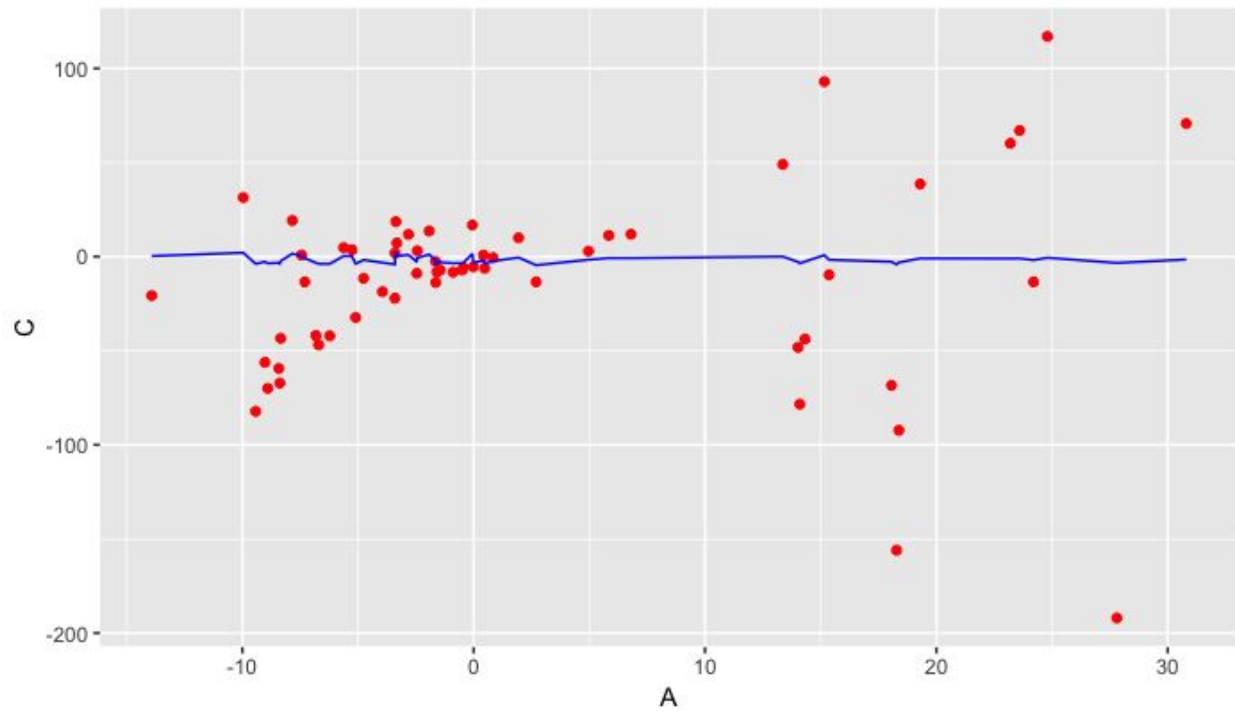


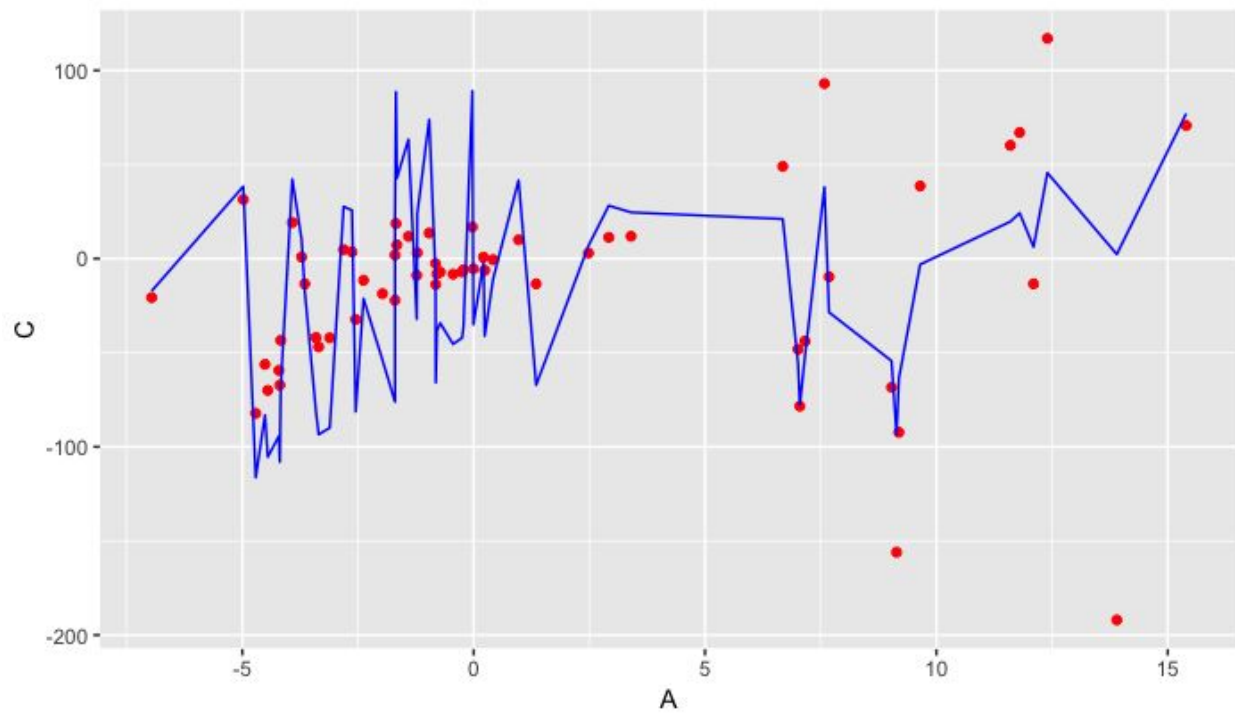
Original Plots (after removing outliers)

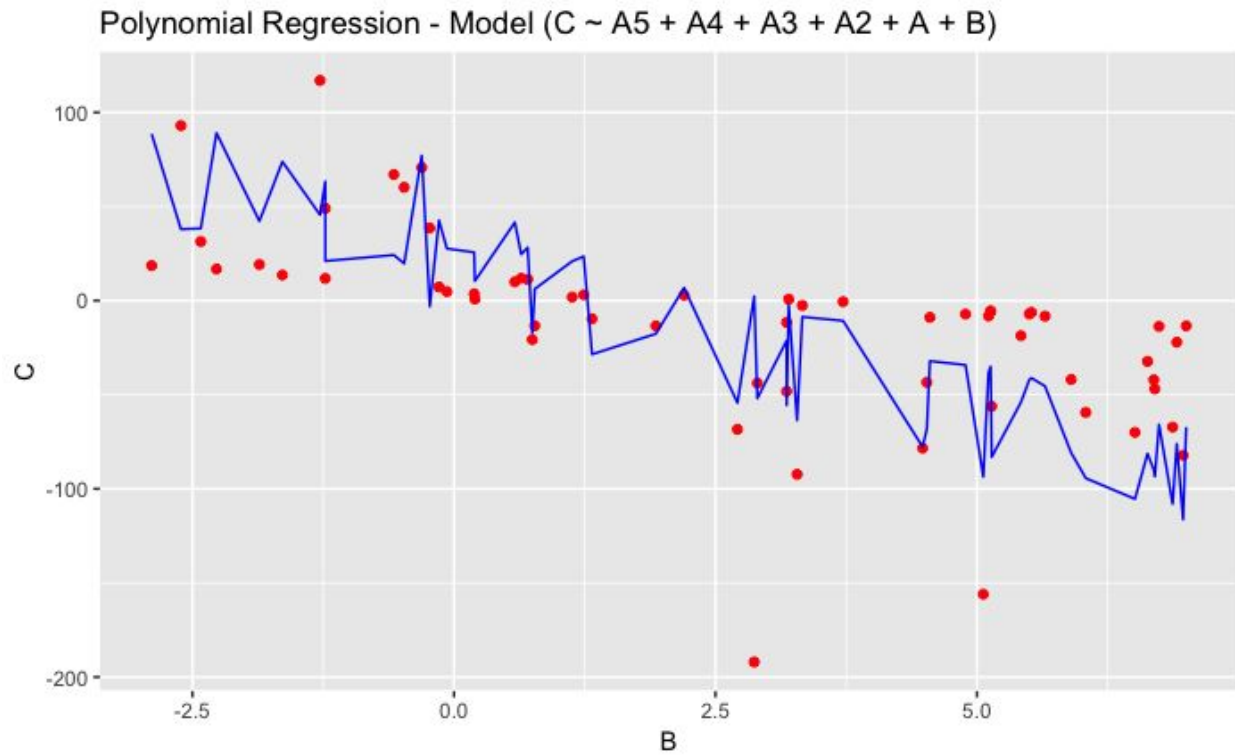


Linear Regression - Model ($C \sim A + B$)



Polynomial Regression - Model ($C \sim A^5 + A^4 + A^3 + A^2 + A + B$)





FINAL MODEL

Regression Results

Dependent variable:	
C	
model8 (C ~ A + B + AB)	
A	0.19*** (0.04)
B	-0.45*** (0.03)
AB	-0.66*** (0.04)
Constant	-0.00 (0.03)

```
-----
Observations                238
R2                           0.77
Adjusted R2                  0.77
Residual Std. Error         0.48 (df = 234)
F Statistic                 260.21*** (df = 3; 234)
=====
```

Note: *p<0.1; **p<0.05; ***p<0.01

