Linear regression

Select dependent variable and independent variables

Dependent Variable:

mpg ▼

Independent Variables:

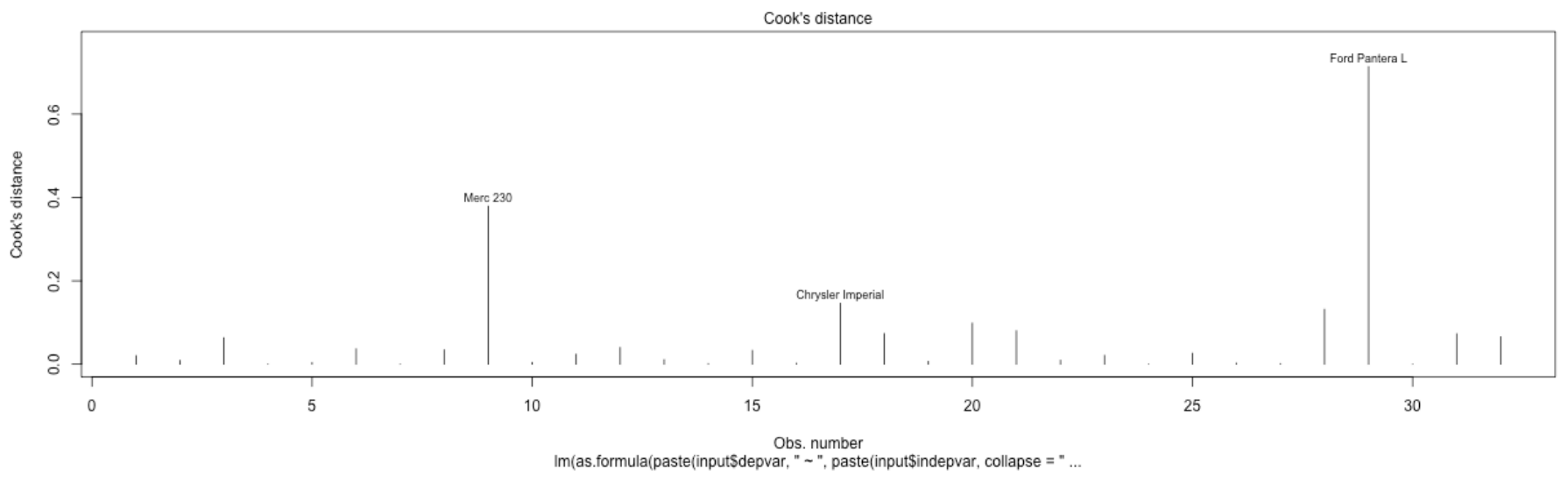cyl disp hp drat wt qsec vs am gear carb

You can find additional information of the data set in the following link: mtcars (http://stat.ethz.ch/R-manual/R-patched/library/datasets/html/mtcars.html)

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	12.30	18.72	0.66	0.52
cyl	-0.11	1.05	-0.11	0.92
disp	0.01	0.02	0.75	0.46
hp	-0.02	0.02	-0.99	0.33
drat	0.79	1.64	0.48	0.64
wt	-3.72	1.89	-1.96	0.06
qsec	0.82	0.73	1.12	0.27
vs	0.32	2.10	0.15	0.88
amManual	2.52	2.06	1.23	0.23
gear	0.66	1.49	0.44	0.67
carb	-0.20	0.83	-0.24	0.81

Regression Outcome

Cook's distance Plot