

PS2

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I am trying out using markstat package for better reproducability, All code and answers will be in the same document, I will include the .stmd file and the boot file I use for running it (you will need to change the directories

Also, all files can be found on my github at <https://github.com/MattarKlein/Econometrics-B.git>

Import Data

```
. clear all
. use "star_problem_set.dta"
```

Question 1

(a) Run Regression

```
. quietly gen sc = .
. quietly gen ra = .
. foreach v in k 1 2 3{
2. quietly gen tss`v' = treadss`v' + tmathss`v'
3. quietly replace sc = cltype`v' == 1
4. quietly replace ra = cltype`v' == 3
5. quietly regress tss`v' sc ra, robust
6. quietly eststo a_reg_`v'
7. }
```

```

. label variable tssk "Kindergarden"
. label variable tss1 "1st Grade"
. label variable tss2 "2st Grade"
. label variable tss3 "3st Grade"
. label variable sc "Small Class"
. label variable ra "Regular + Ass"
.
. esttab a_reg_k a_reg_1 a_reg_2 a_reg_3, label

```

	(1) Kindergarden	(2) 1st Grade	(3) 2st Grade	(4) 3st Grade
Small Class	13.90*** (5.66)	29.78*** (10.52)	19.39*** (7.15)	15.59*** (6.51)
Regular + Ass	0.314 (0.14)	11.96*** (4.51)	3.479 (1.37)	-0.291 (-0.13)
Constant	918.0*** (562.05)	1039.4*** (582.43)	1157.8*** (637.88)	1228.5*** (731.25)
Observations	5786	6379	6049	5967

```

t statistics in parentheses
* p<0.05, ** p<0.01, *** p<0.001
. //![Fuel Efficiency by Weight](test.pdf)

```