GROUP: 9

Name	Student number
Jinhyun Kim	11968850
Songhee Kim	11996277
Dayeon Park	11996161
Mai Phan	12317594
Rajeev Pandit	12014621

ANSWERING SHEET ASSIGNMENT 1

Question 1.a: Table A

	United States		Shanghai	
	Control	Treatment	Control	Treatment
Female	0.502	0.486	0.537	0.523
	(0.501)	(0.500)	(0.499)	(0.500)
White	0.392	0.450		
	(0.489)	(0.498)		
Black	0.180	0.181		
	(0.385)	(0.386)		
Asian	0.070	0.059		
	(0.265)	(0.236)		
Hispanic white	0.303	0.272		
	(0.460)	(0.446)		
Hispanic non-white	0.048	0.031		
	(0.215)	(0.175)		
Other	0.000	0.009		
	(0)	(0.095)		
Age	16.185	16.064	16.228	16.171
	(0.760)	(0.653)	(0.420)	(0.375)
Standardized baseline exam score	-0.094	0.093	0.012	-0.013
	(0.942)	(1.045)	(0.933)	(1.065)
Missing baseline exam score	0.237	0.204	0	0
	(0.426)	(0.404)	(0)	(0)
Observations (students)	227	220	333	323

Question 1.b:

```
. sum female white black asian hisp_w hisp_nw other age test_s test_ms if us==0 & TREATMENT==1
```

Variable	Obs	Mean	Std. Dev.	Min	Max
female	323	.5232198	.5002355	0	1
white	323	0	0	0	0
black	323	0	0	0	0
asian	323	1	0	1	1
hisp_white	323	0	0	0	0
hisp_nw	323	0	0	0	0
other	323	0	0	0	0
age	323	16.17186	.3751352	15.38946	18.06708
test_s	323	-.0131407	1.065642	-7.808894	3.090134
test_ms	323	0	0	0	0

Question 1.c: ==Yes==/No

Question 2.a: Table B

	United States			Shanghai	
	(1)	(2)		(3)	(4)
Treatment	1.588	1.341		-0.263	-0.275
SE	0.401	0.335		0.265	0.264

Question 2.b:

```
. reg score TREATMENT us_school1_reg us_school1_hon us_school2_reg us_school2_hon female
> black asian hisp_w hisp_nw other age agemissing if us==1, cluster(group)
```

Linear regression

Number of obs	=	447
$F_{(12, 132)}$	=	.
Prob > F	=	.
R-squared	=	0.5865
Root MSE	=	3.846

(Std. Err. adjusted for 133 clusters in group)

score	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf. Interval]	
TREATMENT	1.341917	.335171	4.00	0.000	.678916	2.004919
us_school1_reg	2.108436	.6763171	3.12	0.002	.7706143	3.446258
us_school1_hon	5.657401	.7006987	8.07	0.000	4.27135	7.043453
us_school2_reg	7.728244	.8863006	8.72	0.000	5.975054	9.481434
us_school2_hon	13.40626	.8173282	16.40	0.000	11.78951	15.02302
female	-.8539671	.3510929	-2.43	0.016	-1.548463	-.1594707
black	-2.860144	.5043424	-5.67	0.000	-3.857783	-1.862505
asian	-2.254116	1.028215	-2.19	0.030	-4.288027	-.220205
hisp_white	-2.22594	.4879305	-4.56	0.000	-3.191115	-1.260765
hisp_nw	-2.393345	1.144344	-2.09	0.038	-4.656969	-.1297199
other	.9482521	.6328761	1.50	0.136	-.3036395	2.200144
age	-1.02028	.2200542	-4.64	0.000	-1.455569	-.5849911
agemissing	3.346763	.6459571	5.18	0.000	2.068996	4.62453
_cons	24.42162	3.518676	6.94	0.000	17.46133	31.3819

Question 2.c:

Treatment	-0.081
SE	0.081

Question 3.a:

Treatment	2.197
SE	.548

Question 3.b: <mark>More</mark>/Less/Equally