## Appendix

```
library(haven)
library(sandwich)
library(stargazer)
library(ggplot2)
library(car)
library(knitr)
library(plyr)
library(lfe)
library(plm)
library(gtools)
library(pander)
afghan <- read_dta("~/Documents/Stats2/pivotproject/afghandata.dta")</pre>
#rename variables
afghan <- rename(afghan, c("f07_hh_id"= "hh_id",
                  "f07_heads_child_cnt" = "heads_child",
                  "f07_girl_cnt" = "girl",
                  "f07_age_head_cnt" = "age_head",
                  "f07_yrs_ed_head_cnt" = "yrs_ed_head",
                  "f07_jeribs_cnt" = "jeribs",
                  "f07_num_sheep_cnt" = "num_sheep",
                  "f07 duration village cnt" = "duration village",
                  "f07_farsi_cnt" = "farsi",
                  "f07_tajik_cnt" = "tajik",
"f07_farmer_cnt" = "farmer",
                  "f07_num_ppl_hh_cnt" = "num_ppl_hh",
                  "f07_test_observed" = "test_observed",
                  "f07_formal_school" = "formal_school",
                  "f07_nearest_scl" = "nearest_scl",
                  # non-matching new names#
                  "f07_age_cnt" = "age_child",
                  "f07_both_norma_total" = "test_score_normalized"))
#age by gender
afghan$age_girl <- afghan$age_child*afghan$girl</pre>
afghan$age_girl[afghan$age_girl == 0] <- NA
afghan$age_boy <- afghan$age_child* !afghan$girl</pre>
afghan$age_boy[afghan$age_boy == 0] <- NA
attach(afghan)
# Create Balance Table create data frame of only the variables of interest
remove <- c("hh_id", "observation_id")</pre>
varlist <- colnames(afghan[, !names(afghan) %in% remove])</pre>
balance_variables <- afghan[, !colnames(afghan) %in% remove]</pre>
# generate counts
```

```
n_ctrl <- apply(balance_variables[balance_variables$treatment == 0, ], 2, function(x) length(which(!is..
n_trt <- apply(balance_variables[balance_variables$treatment == 1, ], 2, function(x) length(which(!is.n</pre>
# generate table
balancetable <- cbind(n_ctrl, n_trt)</pre>
# drop treatment, test score, cluster rows
balancetable <- balancetable[!rownames(balancetable) == "treatment", ]</pre>
balancetable <- balancetable[!rownames(balancetable) == "test score normalized",
balancetable <- balancetable[!rownames(balancetable) == "clustercode", ]</pre>
# run t.tests, skipping treatment[14]
balance_tests <- lapply(varlist[c(1:13, 16:18, 20:21)], function(x) {</pre>
    t.test(as.formula(paste(x, "treatment", sep = "~")), data = balance_variables,
        alternative = "two.sided", mu = 0, paired = FALSE, var.equal = FALSE,
        conf.level = 0.95)
})
# extract and adjust p vals
balance_test_pvals <- t(sapply(balance_tests, function(x) {</pre>
    c(mean_crtl = unname(x$estimate[1]), mean_trt = unname(x$estimate[2]), diff_means = unname(x$estimate[2])
        unname(x$estimate[1]), p.value = p.adjust(x$p.value, method = "bonferroni",
        n = length(x))
}))
balance_test_pvals <- data.frame(balance_test_pvals, stringsAsFactors = FALSE)</pre>
balance_test_pvals[] <- lapply(balance_test_pvals[], function(x) as.numeric(as.character(x)))</pre>
balancetable <- cbind(balancetable, balance_test_pvals)</pre>
balancetable <- round(balancetable, 3)</pre>
# Show table
```

Table 1: Balance Table

	n_ctrl	n_trt	mean_crtl	mean_trt	diff_means	p.value
heads_child	730	830	0.911	0.927	0.016	1.000
girl	730	830	0.456	0.478	0.022	1.000
$age\_child$	730	830	8.321	8.322	0.001	1.000
$age\_head$	730	830	40.219	40.090	-0.129	1.000
$yrs\_ed\_head$	730	830	3.101	3.531	0.431	0.165
jeribs	730	830	1.510	1.498	-0.011	1.000
$num\_sheep$	730	830	6.404	9.586	3.181	0.000
$duration\_village$	730	830	27.662	30.172	2.509	0.014
farsi	730	830	0.205	0.210	0.004	1.000
tajik	730	830	0.204	0.239	0.034	0.914
farmer	730	830	0.729	0.707	-0.022	1.000
$\operatorname{num}_{-}\operatorname{ppl}_{-}\operatorname{hh}$	730	830	7.905	8.741	0.835	0.000
$test\_observed$	730	830	0.925	0.925	0.001	1.000
chagcharan	730	830	0.429	0.663	0.234	0.000
$formal\_school$	730	830	0.264	0.731	0.467	0.000
$nearest\_scl$	730	830	3.149	2.881	-0.268	0.000
$age\_girl$	333	397	8.327	8.332	0.005	1.000
age_boy	397	433	8.315	8.312	-0.003	1.000

Table 2: Summary Table

	n	mean	$\operatorname{sd}$
% Test Taken - All	1560	0.925	0.263
% Test Taken - Treatment	830	0.925	0.263
% Test Taken - Control	730	0.925	0.264

```
# creating a dataset of only the attritted
afghanattrition <- afghan[!complete.cases(afghan), ]

# comparisons of treatment and control for attritted only

# omits test_observed[13], treatment[14], clustercode[15], and
# test_score[19]
attrition_by_treatment <- lapply(varlist[c(1:12, 16:18, 20:21)], function(x) {
    t.test(as.formula(paste(x, "treatment", sep = "~")), data = afghanattrition,</pre>
```

Table 3: Attrition Table

	mean_crtl	mean_trt	diff_means	p.value
heads_child	0.9109589	0.9265060	0.0155471	1.0000000
girl	0.4561644	0.4783133	0.0221489	1.0000000
$age\_child$	8.3205479	8.3216867	0.0011388	1.0000000
$age\_head$	40.2191781	40.0903614	-0.1288166	1.0000000
$yrs\_ed\_head$	3.1006849	3.5313253	0.4306404	0.1648415
jeribs	1.5095890	1.4981928	-0.0113963	1.0000000
$num\_sheep$	6.4041096	9.5855422	3.1814326	0.0000010
$duration\_village$	27.6623288	30.1716867	2.5093580	0.0137177
farsi	0.2054795	0.2096386	0.0041591	1.0000000
tajik	0.2041096	0.2385542	0.0344446	0.9137745
farmer	0.7287671	0.7072289	-0.0215382	1.0000000
$\operatorname{num}_{-}\operatorname{ppl}_{-}\operatorname{hh}$	7.9054795	8.7409639	0.8354844	0.0000056
chagcharan	0.4287671	0.6626506	0.2338835	0.0000000
$formal\_school$	0.2643836	0.7313253	0.4669417	0.0000000
$nearest\_scl$	3.1492138	2.8811876	-0.2680262	0.0000229
$age\_girl$	8.3273273	8.3324937	0.0051664	1.0000000
age_boy	8.3148615	8.3117783	-0.0030832	1.0000000

No two independent variables have correlation greater than 0.35.

```
# Modelling enrollment

r1 <- lm(formal_school ~ nearest_scl, data = afghan)
r2 <- lm(formal_school ~ nearest_scl + girl * age_child + age_head + num_sheep +
        jeribs + yrs_ed_head + heads_child + duration_village + num_ppl_hh + tajik +
        farsi + farmer + chagcharan, data = afghan)
r3 <- lm(formal_school ~ nearest_scl + girl * age_child + age_head + num_sheep +
        jeribs + yrs_ed_head + heads_child + duration_village + num_ppl_hh + tajik +
        farsi + farmer + as.factor(clustercode), data = afghan)</pre>
```

```
robust_se1 <- sqrt(diag(vcovHC(r1, type = "HC1")))</pre>
Trobust_se1 <- summary(r1, robust = T)$coefficients[, 2]</pre>
robust se2 <- sqrt(diag(vcovHC(r2, type = "HC1")))</pre>
robust_se3 <- sqrt(diag(vcovHC(r3, type = "HC1")))</pre>
p1 <- glm(formal_school ~ nearest_scl, data = afghan, family = binomial(link = "probit"))
p2 <- glm(formal school ~ nearest scl + girl * age child + age head + num sheep +
    jeribs + yrs_ed_head + heads_child + duration_village + num_ppl_hh + tajik +
    farsi + farmer + chagcharan, data = afghan, family = binomial(link = "probit"))
p3 <- glm(formal_school ~ nearest_scl + girl * age_child + age_head + num_sheep +
    jeribs + yrs_ed_head + heads_child + duration_village + num_ppl_hh + tajik +
    farsi + farmer + as.factor(clustercode), data = afghan, family = binomial(link = "probit"))
# display models
stargazer(r2, r3, omit.stat = c("f", "ser", "aic", "ll"), omit = "clustercode",
    omit.labels = "clustercode fixed effects?", se = list(robust_se2, robust_se3),
    title = "Linear OLS model", intercept.bottom = FALSE, header = FALSE, summary = FALSE)
stargazer(p2, p3, omit.stat = c("f", "ser", "aic", "ll"), omit = "clustercode",
    omit.labels = "clustercode fixed effects?", title = "Probit model", intercept.bottom = FALSE,
    header = FALSE, summary = FALSE)
# compare predictions
plot(predict(r2, type = "response"), predict(p2, type = "response"), xlab = "linear model",
    ylab = "probit model", main = "Chart 1: Comparing probit and linear models")
abline(a = 0, b = 1, col = "red")
```

Chart 1: Comparing probit and linear models

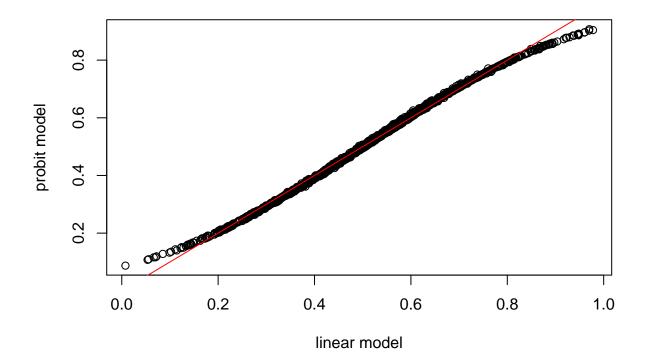


Table 4: Linear OLS model

	Dependent variable:		
	formal school		
	(1)	(2)	
Constant	0.135	0.365***	
	(0.114)	(0.122)	
nearest_scl	-0.051***	-0.018*	
	(0.010)	(0.011)	
girl	0.067	0.031	
	(0.123)	(0.111)	
age_child	0.061***	0.059***	
	(0.010)	(0.009)	
age_head	-0.003***	-0.002	
	(0.001)	(0.001)	
num_sheep	0.003***	0.001	
	(0.001)	(0.001)	
jeribs	-0.008	0.009*	
	(0.006)	(0.005)	
yrs_ed_head	0.005	0.002	
	(0.004)	(0.003)	
heads_child	0.041	-0.007	
	(0.047)	(0.039)	
duration_village	0.0005	-0.001	
	(0.001)	(0.001)	
num_ppl_hh	0.004	-0.001	
	(0.004)	(0.003)	
tajik	0.059*	0.042	
	(0.030)	(0.027)	
farsi	-0.011	0.001	
	(0.031)	(0.027)	
farmer	$-0.055^{*}$	-0.042*	
	(0.028)	(0.025)	
chagcharan	0.213***		
	(0.025)		
girl:age_child	-0.022	-0.018	
	(0.015)	(0.013)	
clustercode fixed effects?	No	Yes	
Observations	6 1,560	1,560	
R <sup>2</sup>	0.121	0.340	
Adjusted R <sup>2</sup>	0.113	0.329	

\* -0.1 \*\* -0.05 \*\*\* -0.01

Table 5: Probit model

	Dependent variable:		
	$formal\_school$		
	(1)	(2)	
Constant	-1.004***	-0.589	
	(0.315)	(0.397)	
nearest_scl	-0.146***	-0.072*	
	(0.030)	(0.038)	
girl	0.205	0.195	
_	(0.344)	(0.384)	
age_child	0.168***	0.209***	
	(0.028)	(0.032)	
age_head	-0.008***	-0.006	
-	(0.003)	(0.004)	
num_sheep	0.009***	0.002	
	(0.003)	(0.004)	
jeribs	-0.021	0.039**	
•	(0.016)	(0.019)	
yrs_ed_head	0.013	0.008	
· — —	(0.010)	(0.011)	
heads_child	0.124	-0.039	
	(0.128)	(0.144)	
duration_village	0.001	-0.003	
_ 0	(0.002)	(0.003)	
num_ppl_hh	0.010	-0.004	
— <b>.</b> 1 —	(0.011)	(0.012)	
tajik	0.162*	0.163*	
y	(0.084)	(0.095)	
farsi	-0.029	0.006	
	(0.086)	(0.098)	
farmer	$-0.151^*$	$-0.153^{*}$	
	(0.078)	(0.088)	
chagcharan	0.576***		
<b>0</b>	(0.070)		
girl:age_child	-0.062	-0.073	
o	(0.041)	(0.046)	
clustercode fixed effects?	No	Yes	
Observations	7 1,560	1,560	
Note:	*p<0.1; **p<		

```
# F test for language, wealth
linearHypothesis(p2, c("tajik = 0", "farsi = 0"), test = "F")
## Linear hypothesis test
## Hypothesis:
## tajik = 0
## farsi = 0
##
## Model 1: restricted model
## Model 2: formal_school ~ nearest_scl + girl * age_child + age_head + num_sheep +
##
       jeribs + yrs_ed_head + heads_child + duration_village + num_ppl_hh +
##
       tajik + farsi + farmer + chagcharan
##
    Res.Df Df
                    F Pr(>F)
##
## 1
      1546
      1544 2 2.2928 0.1013
linearHypothesis(p2, c("num_sheep = 0", "jeribs = 0"), test = "F")
## Linear hypothesis test
##
## Hypothesis:
## num_sheep = 0
## jeribs = 0
##
## Model 1: restricted model
## Model 2: formal_school ~ nearest_scl + girl * age_child + age_head + num_sheep +
       jeribs + yrs_ed_head + heads_child + duration_village + num_ppl_hh +
##
##
       tajik + farsi + farmer + chagcharan
##
    Res.Df Df
                   F Pr(>F)
##
## 1
      1546
## 2
      1544 2 3.8298 0.02192 *
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
# modelling test scores
regschoolontest <- lm(test_score_normalized ~ formal_school + nearest_scl +
    girl * age_child + age_head + num_sheep + jeribs + yrs_ed_head + heads_child +
    duration_village + num_ppl_hh + tajik + farsi + farmer, data = afghan)
regschoolontestFE <- lm(test_score_normalized ~ formal_school + heads_child +
    age_child * girl + as.factor(hh_id))
robust_se.sumregschoolontest <- sqrt(diag(vcovHC(regschoolontest, type = "HC1")))
robust_se.sumregschoolontestFE <- sqrt(diag(vcovHC(regschoolontestFE, type = "HC1")))
stargazer(regschoolontest, regschoolontestFE, se = list(robust_se.sumregschoolontest,
   robust_se.sumregschoolontestFE), omit.stat = c("f", "ser", "aic", "ll"),
    omit = "hh_id", omit.labels = "HH ID Fixed Effects?", title = "Test Scores",
    intercept.bottom = FALSE, header = FALSE, summary = FALSE)
```

Table 6: Test Scores

	Depende	nt variable:	
	$test\_score\_normalized$		
	(1)	(2)	
Constant	-2.825***	-1.113	
	(0.190)	(0.926)	
formal_school	0.878***	0.838***	
	(0.045)	(0.095)	
nearest_scl	-0.010		
	(0.017)		
girl	0.364*	0.174	
	(0.197)	(0.302)	
ge_child:girl		-0.076**	
		(0.035)	
age_child	0.315***	0.341***	
	(0.017)	(0.025)	
age_head	0.003*		
	(0.002)		
num_sheep	0.006***		
	(0.002)		
eribs	0.004		
	(0.010)		
rs_ed_head	0.033***		
	(0.006)		
neads_child	0.014	0.080	
	(0.084)	(0.243)	
luration_village	-0.002		
	(0.001)		
num_ppl_hh	0.005		
	(0.006)		
ajik	0.069		
	(0.050)		
arsi	0.034		
	(0.054)		
armer	0.001		
	(0.049)		
girl:age_child	-0.099***		
-	(9.023)		
HH ID Fixed Effects?	No	Yes	
Observations	1,443	1,443	

```
# treatment effects by gender enroll~ treatment test score ~ treatment
treat_enrollment <- (lm(formal_school ~ treatment, data = afghan))</pre>
treat_enrollment_girl <- (lm(formal_school ~ treatment + treatment * girl, data = afghan))</pre>
treat_enrollment.adv <- (lm(formal_school ~ treatment + nearest_scl + girl *</pre>
    age_child + age_head + num_sheep + jeribs + yrs_ed_head + heads_child +
    duration_village + num_ppl_hh + tajik + farsi + farmer + chagcharan, data = afghan))
treat_enrollment_girl.adv <- (lm(formal_school ~ treatment + treatment * girl +</pre>
    nearest_scl + girl * age_child + age_head + num_sheep + jeribs + yrs_ed_head +
    heads_child + duration_village + num_ppl_hh + tajik + farsi + farmer + chagcharan,
    data = afghan))
treat_enrollment.adv_clus <- (lm(formal_school ~ treatment + nearest_scl + girl *</pre>
    age_child + age_head + num_sheep + jeribs + yrs_ed_head + heads_child +
    duration_village + num_ppl_hh + tajik + farsi + farmer + as.factor(clustercode),
    data = afghan))
treat_enrollment_girl.adv_clus <- (lm(formal_school ~ treatment + treatment *</pre>
    girl + nearest_scl + girl * age_child + age_head + num_sheep + jeribs +
    yrs_ed_head + heads_child + duration_village + num_ppl_hh + tajik + farsi +
    farmer + as.factor(clustercode), data = afghan))
robust_se.treat_enrollment <- sqrt(diag(vcovHC(treat_enrollment, type = "HC1")))</pre>
robust_se.treat_enrollment_girl <- sqrt(diag(vcovHC(treat_enrollment_girl, type = "HC1")))</pre>
robust_se.treat_enrollment.adv <- sqrt(diag(vcovHC(treat_enrollment.adv, type = "HC1")))</pre>
robust_se.treat_enrollment_girl.adv <- sqrt(diag(vcovHC(treat_enrollment_girl.adv,
    type = "HC1")))
robust_se.treat_enrollment.adv_clus <- sqrt(diag(vcovHC(treat_enrollment.adv_clus,</pre>
    type = "HC1")))
robust_se.treat_enrollment_girl.adv_clus <- sqrt(diag(vcovHC(treat_enrollment_girl.adv_clus,
    type = "HC1")))
stargazer(treat_enrollment, treat_enrollment_girl, treat_enrollment.adv, treat_enrollment_girl.adv,
    treat_enrollment.adv_clus, treat_enrollment_girl.adv_clus, se = list(robust_se.treat_enrollment,
        robust_se.treat_enrollment_girl, robust_se.treat_enrollment.adv, robust_se.treat_enrollment_gir
        robust_se.treat_enrollment.adv_clus, robust_se.treat_enrollment_girl.adv_clus),
    omit = c("clustercode", "age_head", "num_sheep", "jeribs", "yrs_ed_head",
        "heads_child", "duration_village", "num_ppl_hh", "tajik", "farsi", "farmer"),
    add.lines = list(c("Cluster Fixed Effects?", "No", "No", "No", "Yes",
        "Yes"), c("Additional Control variables?", "No", "No", "Yes", "Yes",
        "Yes", "Yes")), omit.stat = c("f", "ser", "aic", "ll"), title = "Effect of treatment on enrollm
    intercept.bottom = FALSE, header = FALSE, summary = FALSE)
# test score ~ treatment
treat_test <- (lm(test_score_normalized ~ treatment, data = afghan))</pre>
treat_test_girl <- (lm(test_score_normalized ~ treatment + treatment * girl,</pre>
    data = afghan))
treat_test.adv <- (lm(test_score_normalized ~ treatment + nearest_scl + girl *</pre>
    age_child + age_head + num_sheep + jeribs + yrs_ed_head + heads_child +
    duration_village + num_ppl_hh + tajik + farsi + farmer + chagcharan, data = afghan))
treat_test_girl.adv <- (lm(test_score_normalized ~ treatment + treatment * girl +</pre>
    nearest_scl + girl * age_child + age_head + num_sheep + jeribs + yrs_ed_head +
    heads_child + duration_village + num_ppl_hh + tajik + farsi + farmer + chagcharan,
    data = afghan))
treat_test.adv_clus <- (lm(test_score_normalized ~ treatment + nearest_scl +</pre>
    girl * age_child + age_head + num_sheep + jeribs + yrs_ed_head + heads_child +
    duration_village + num_ppl_hh + tajik + farsi + farmer + as.factor(clustercode),
    data = afghan))
```

Table 7: Effect of treatment on enrollment by gender

	(1)	(2)	(3)	(4)	(5)	(6)
Constant	0.264***	0.350***	-0.018	0.016	-0.014	0.018
	(0.016)	(0.024)	(0.106)	(0.106)	(0.113)	(0.112)
treatment	0.467***	0.405***	0.426***	0.358***	0.379***	0.312***
	(0.022)	(0.032)	(0.024)	(0.032)	(0.085)	(0.087)
nearest_scl			-0.031***	-0.031***	-0.018*	-0.019*
			(0.009)	(0.009)	(0.011)	(0.011)
girl		-0.188***	0.062	-0.014	0.031	-0.048
		(0.031)	(0.114)	(0.113)	(0.111)	(0.109)
treatment:girl		0.138***		0.144***		0.150***
Ü		(0.044)		(0.042)		(0.041)
age child			0.060***	0.060***	0.059***	0.059***
			(0.009)	(0.009)	(0.009)	(0.009)
chagcharan			0.121***	0.124***		
Ŭ			(0.024)	(0.024)		
girl:age_child			-0.022	-0.022	-0.018	-0.018
0 0 =			(0.013)	(0.013)	(0.013)	(0.013)
Cluster Fixed Effects?	No	No	No	No	Yes	Yes
Additional Control variables?	No	No	Yes	Yes	Yes	Yes
Observations	1,560	1,560	1,560	1,560	1,560	1,560
$\mathbb{R}^2$	0.217	0.235	0.285	0.290	0.340	0.345
Adjusted $R^2$	0.217	0.234	0.277	0.282	0.329	0.335

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

```
treat_test_girl.adv_clus <- (lm(test_score_normalized ~ treatment + treatment *</pre>
    girl + nearest_scl + girl * age_child + age_head + num_sheep + jeribs +
    yrs_ed_head + heads_child + duration_village + num_ppl_hh + tajik + farsi +
    farmer + as.factor(clustercode), data = afghan))
robust_se.treat_test <- sqrt(diag(vcovHC(treat_test, type = "HC1")))</pre>
robust_se.treat_test_girl <- sqrt(diag(vcovHC(treat_test_girl, type = "HC1")))</pre>
robust_se.treat_test.adv <- sqrt(diag(vcovHC(treat_test.adv, type = "HC1")))</pre>
robust_se.treat_test_girl.adv <- sqrt(diag(vcovHC(treat_test_girl.adv, type = "HC1")))</pre>
robust_se.treat_test.adv_clus <- sqrt(diag(vcovHC(treat_test.adv_clus, type = "HC1")))</pre>
robust_se.treat_test_girl.adv_clus <- sqrt(diag(vcovHC(treat_test_girl.adv_clus,</pre>
    type = "HC1")))
stargazer(treat_test, treat_test_girl, treat_test.adv, treat_test_girl.adv,
    treat_test.adv_clus, treat_test_girl.adv_clus, se = list(robust_se.treat_test,
        robust_se.treat_test_girl, robust_se.treat_test.adv, robust_se.treat_test_girl.adv,
        robust_se.treat_test.adv_clus, robust_se.treat_test_girl.adv_clus),
    omit = c("clustercode", "age_head", "num_sheep", "jeribs", "yrs_ed_head",
        "heads_child", "duration_village", "num_ppl_hh", "tajik", "farsi", "farmer"),
    add.lines = list(c("Cluster Fixed Effects?", "No", "No", "No", "No", "Yes",
        "Yes"), c("Additional Control variables?", "No", "No", "Yes", "Yes",
        "Yes", "Yes")), title = "Effect of treatment on test score by gender",
    omit.stat = c("f", "ser", "aic", "ll"), intercept.bottom = FALSE, header = FALSE,
    summary = FALSE)
# Local average treatment effect
q6.full <- lm(test_score_normalized ~ formal_school * treatment, data = afghan)
q6.boys <- lm(test_score_normalized ~ formal_school * treatment, data = afghan,
    subset = (afghan$girl == 0))
q6.girls <- lm(test_score_normalized ~ formal_school * treatment, data = afghan,
    subset = (afghan$girl == 1))
q6.full_se <- sqrt(diag(vcovHC(q6.full, type = "HC1")))</pre>
q6.boys_se <- sqrt(diag(vcovHC(q6.boys, type = "HC1")))</pre>
q6.girls_se <- sqrt(diag(vcovHC(q6.girls, type = "HC1")))</pre>
stargazer(q6.full, q6.boys, q6.girls, title = "Local average treatment effects",
    omit.stat = c("f", "ser", "aic", "ll"), intercept.bottom = FALSE, header = FALSE,
    summary = FALSE, se = list(q6.full_se, q6.boys_se, q6.girls_se))
```

Table 8: Effect of treatment on test score by gender

			Depende	nt variable:		
	test_score_normalized					
	(1)	(2)	(3)	(4)	(5)	(6)
Constant	0.006	0.331***	-2.933***	-2.871***	-2.816***	-2.763***
	(0.039)	(0.057)	(0.209)	(0.208)	(0.227)	(0.227)
treatment	0.580***	0.462***	0.504***	0.391***	0.539***	0.440**
	(0.055)	(0.080)	(0.047)	(0.066)	(0.167)	(0.173)
nearest_scl			-0.031*	-0.032*	0.009	0.008
			(0.019)	(0.019)	(0.022)	(0.022)
girl		-0.683***	0.434**	0.313	0.492**	0.375*
		(0.072)	(0.218)	(0.216)	(0.216)	(0.213)
treatment:girl		0.267**		0.232***		0.225***
, and the second		(0.104)		(0.087)		(0.085)
age_child			0.368***	0.368***	0.376***	0.376***
			(0.018)	(0.018)	(0.018)	(0.018)
chagcharan			0.200***	0.206***		
			(0.047)	(0.047)		
girl:age_child			-0.120***	-0.121***	$-0.127^{***}$	-0.127***
			(0.026)	(0.026)	(0.025)	(0.025)
Cluster Fixed Effects?	No	No	No	No	Yes	Yes
Additional Control variables?	No	No	Yes	Yes	Yes	Yes
Observations	1,443	1,443	1,443	1,443	1,443	1,443
$\mathbb{R}^2$	0.072	0.138	0.408	0.410	0.436	0.438
Adjusted $R^2$	0.071	0.137	0.401	0.403	0.426	0.428

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

Table 9: Local average treatment effects

	$Dependent\ variable:$				
	test_	score_norm	alized		
	(1)	(2)	(3)		
Constant	-0.233***	-0.022	-0.414***		
	(0.040)	(0.067)	(0.044)		
formal school	0.902***	0.999***	0.370***		
	(0.085)	(0.104)	(0.127)		
treatment	-0.080	-0.074	-0.076		
	(0.077)	(0.131)	(0.085)		
formal_school:treatment	0.320***	0.165	0.857***		
	(0.114)	(0.163)	(0.155)		
Observations	1,443	739	704		
$\mathbb{R}^2$	0.268	0.235	0.326		
Adjusted $R^2$	0.267	0.232	0.323		

Note:

\*p<0.1; \*\*p<0.05; \*\*\*p<0.01