Table 1. Comparison of Pre-Treatment Outcomes and Covariates (1994, Secondary comprehensive schools)

A. Secular schools
Non treated /

		Secular schools			
	Treated /	reated /		reated/	
	One school in community Mean	in community Mean	T test	chools Mean	T test
Student achievements	(S.D)	(S.D)		(S.D)	
Credit units	19.276 (10.098)	19.276 (10.097)	.259	21.863 (8.618)	14.538
Science credit units	2.698 (4.616)	2.363 (4.275)	2.365	3.847 (4.956)	13.983
Average score	73.009 (21.088)	71.370 (19.704)	2.626	78.273 (19.462)	14.515
Prop. of pupils taking matriculation exams	.794 (.404)	.818 (.386)	1.852	.893 (.310)	14.858
Prop. of pupils entitled to matriculation certificate	.473 (.499)	.444 (.493)	3.638	.596 (.491)	14.289
Drop-out rate	.061 (.240)	.058 (.234)	.562	.036 (.186)	8.342
Student characteristics					
Mother's schooling	11.934 (2.084)	11.332 (2.741)	6.712	12.333 (3.533)	7.506
Father's schooling	11.973 (2.994)	11.459 (2.764)	5.620	12.561 (3.901)	10.281
Family size	2.862 (1.584)	2.461 (1.355)	8.756	2.552 (1.454)	11.474
Immigrant status	.046 (.251)	.068 (.251)	2.670	.040 (.196)	1.815
Female	.547 (.499)	.532 (.499)	.971	.556 (.497)	1.037
School characteristics					
Number of students	1072 (514.384)	1403 (431.375)	1.855	1309 (512.834)	2.121
Number of teachers	79.637 (11.695)	85.281 (10.271)	1.346	79.021 (12.283)	.238
Boarding school	.194 (.402)	.125 (.354)	.475	.119 (.327)	.899
Teacher's schooling					
Years of experience	16.161 (2.415)	16.112 (2.122)	.057	17.477 (2.541)	2.468
Age	42.975 (2.202)	42.217 (2.136)	.889	43.991 (2.524)	2.026
% Phd.	.016 (.016)	.013 (.012)	.634	.017 (.015)	.324
% M.A.	.163 (.066)	.192 (.074)	1.008	.213 (.069)	3.472
% B.A.	.491 (.078)	.437 (.055)	2.263	.511 (.089)	1.121
% Teacher's college	.194 (.069)	.214 (.089)	.570	.143 (.071)	3.368
Number of schools	31	8		67	
Number of students	4620	1186		11481	

B. Religious schools

	Treated / one school in community	eligious schools reated / n community	Non to	reated/ chools	
	Mean	Mean	T test	Mean	T test
Student achievements	(S.D)	(S.D)		(S.D)	
Credit units	22.187 (10.708)	24.860 (10.112)	5.833	25.768 (8.949)	10.630
Science credit units	2.097 (3.237)	2.224 (3.241)	.888	2.411 (3.308)	2.943
Average score	75.166 (19.780)	79.928 (16.668	5.984	80.870 (16.070)	9.217
Prop. of pupils taking matriculation exams	.777 (.416)	.872 (.335)	5.750	.935 (.247)	12.676
Prop. of pupils entitled to matriculation certificate	.514 (.500)	.596 (.491)	3.746	.627 (.484)	6.927
Dropout rate	.028 (.165)	.032 (.176)	.684	.034 (.181)	1.455
Student characteristics					
Mother's schooling	11.232 (3.382)	12.271 (3.505)	6.796	12.430 (3.444)	10.740
Father's schooling	11.511 (3.753)	12.834 (3.876)	7.812	13.010 (3.955)	11.993
Family size	4.116 (2.227)	4.130 (2.090)	.144	3.528 (1.904)	8.355
Immigrant status	.013 (.112)	.028 (.165)	2.386	.028 (.166)	3.746
Female	.577 (.494)	.387 (.487)	8.775	.476 (.500)	3.258
School characteristics					
Number of students	563.667 (321.902)	492.357 (169.048)	.808	541.654 (222.855)	.269
Number of teachers	74.441 (10.160)	74.800 (14.070)	.081	73.793 (11.542)	.225
Boarding school	.389 (.502)	.571 (.514)	1.008	.442 (.501)	.389
Teacher's schooling					
Years of experience	16.825 (2.912)	18.988 (3.790)	1.768	19.094 (3.367)	2.734
Age	42.098 (2.419)	44.399 (3.577)	2.067	44.344 (3.484)	3.006
% Phd.	.015 (.024)	.030 (.029)	1.596	.032 (.041)	2.120
% M.A.	.160 (.090)	.187 (.130)	.656	.199 (.118)	1.442
% B.A.	.510 (.071)	.487 (.105)	.679	.505 (.139)	.182
% Teacher's college	.209 (.077)	.197 (.129)	.292	.153 (.101)	2.402
Number of schools	18	14		52	
Number of students	1267	856		3483	

Table 2. The Effect of Performance Incentives, Models with School Fixed Effects, Secular Schools

	t units	Credit	edit units	Science cre	ge score	Averag	ıpils taking tion exams		ils entitled to on certificate	
Pre- Treatment year include	RD sample	RD matched	RD sample	RD matched sample	RD sample	RD matched	RD sample	RD matched	RD sample	RD matched
year inclu	(1)	sample (2)		(4) (3)	(5) (4)	sample (6)	(7)	sample (8)	(9)	sample (10)
A. 1996										
1993+1994	.234	.373	.006	.063	831	.626	.006	030	008	.019
	(.347)	(.475)	(.150)	(.197)	(.827)	(1.110)	(.013)	(.018)	(.017)	(.023)
1994	.272	.890	094	.164	895	3.314	.016	.034	013	.026
	(.411)	(.556)	(.184)	(.236)	(.846)	(1.130)	(.016)	(.021)	(.021)	(.028)
1993	.301	.122	.135	.053	181	960	.003	083	001	.013
	(.403)	(.560)	(.172)	(.230)	(1.014)	(1.362)	(.015)	(.021)	(.020)	(.027)
										7
1993+1994	.698	.662	.411	.679	1.746	2.994	.021	.001	008	.028
	(.346)	(.459)	(.149)	(.190)	(.850)	(1.116)	(.013)	(.017)	(.017)	(.022)
1994	.747	.979	.307	.655	1.698	4.875	.031	.065	022	.016
	(.412)	(.551)	(.183)	(.233)	(.910)	(1.228)	(.016)	(.021)	(.020)	(.027)
1993	.669	.403	.513	.691	2.083	1.662	.015	051	.001	.031
	(.406)	(.542)	(.172)	(.227)	(1.059)	(1.379)	(.015)	(.020)	(.020)	(.026)

Table 3. The Effect of Performance Incentives, Models with School Fixed Effects, Religious Schools

	oils entitled to ion certificate		upils taking ition exams	Avera	ge score	Science cre	edit units	Credi	t units	
RD matched sample (10)	RD sample (9)	RD matched sample (8)	RD sample (7)	RD matched sample (6)	RD sample (5)	RD matched sample (4)	RD sample (3)	RD matched sample (2)	RD sample (1)	Pre- Treatment year included
(10)		(0)		(0)				(~)		A. 1996
.049	.023	.063	.128	2.597	3.053	.369	.085	2.760	2.722	1993+1994
(.031)	(.023)	(.022)	(.018)	(1.141)	(.919)	(.219)	(.164)	(.589)	(.458)	
.022	.015	.038	.112	.943	.501	078	334	1.617	1.789	1994
(.036)	(.026)	(.024)	(.020)	(1.195)	(.913)	(.248)	(.183)	(.660)	(.506)	
.077	.040	.081	.143	4.642	6.491	.834	.564	3.741	3.746	1993
(.037)	(.028)	(.026)	(.021)	(1.359)	(1.133)	(.264)	(.203)	(.695)	(.549)	
997										
.040	.033	.084	.096	4.021	3.057	.449	.220	1.791	1.369	1993+1994
(.032)	(.024)	(.022)	(.018)	(1.225)	(1.005)	(.229)	(.175)	(.612)	(.482)	
.020	.017	.049	.079	2.607	1.301	.021	194	.826	.598	1994
(.037)	(.027)	(.025)	(.020)	(1.348)	(1.039)	(.267)	(.198)	(.697)	(.533)	
.064	.061	.112	.117	5.867	5.745	.904	.707	2.922	2.504	1993
(.037)	(.029)	(.027)	(.022)	(1.494)	(1.256)	(.280)	(.217)	(.733)	(.579)	

B.

Table 4. The Effect of Performance Incentives, Models with Interaction of Treatment and Student Demographic Variables

Prop. of pupi matriculatio		Prop. of pu matriculat		Averag	e score	Science cre	edit units	Credit	units	
Religious schools (10)	Secular schools (9)	Religious schools (8)	Secular schools (7)	Religious schools (6)	Secular schools (5)	Religious schools (4)	Secular schools (3)	Religious schools (2)	Secular schools (1)	Pre-Treatment year included
.085	.162	.223	.089	9.120	13.013	1.052	2.338	4.312	4.053	Treatment Treatment interacted with:
(.059)	(.044)	(.045)	(.035)	(2.468)	(2.219)	(.430)	(.389)	(1.183)	(.903)	
002	002	.0002	002	040	455	039	059	.107	071	Father's
(.005)	(.003)	(.004)	(.003)	(.217)	(.172)	(.038)	(.030)	(.104)	(.070)	schooling
002	011	011	005	293	484	.002	086	286	205	Mother's
(.006)	(.003)	(.004)	(.003)	(.231)	(.173)	(.040)	(.030)	(.111)	(.070)	Schooling
002	006	0003	.005	561	033	100	073	224	022	Family size
(.007)	(.005)	(.005)	(.004)	(.299)	(.268)	(.052)	(.047)	(.143)	(.109)	

Table 5. The Effect of Teachers Incentives on High School Dropout Rate

		Dropout rate	from 9 th to 10 th grad	de		Dropout rate fro	om 10 th and 11 th gra	ade
	Secular		Religio	ous	Secular		Religi	ous
	RD sample	RD matched sample	RD sample	RD matched sample	RD sample	RD matched sample	RD sample	RD matched sample
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1996	253	343	310	547	.081	.065	.191	.011
	(.123)	(.146)	(.206)	(.272)	(.059)	(.075)	(.104)	(.131)
1997	600	719	339	725	114	038	.053	.018
	(.159)	(.191)	(.273)	(.350)	(.066)	(.082)	(.120)	(.151)

Table 6. Comparison of Pre Treatment Outcomes and Covariates (1994, Secondary comprehensive schools)

A. Secular schools

	Treated schools	reated / licants		reated/ d Sample	
	Mean (S.D)	Mean (S.D)	T test	Mean (S.D)	T test
Student achievements	(0.D)	(5.5)		(5.D)	
Credit units	19.235 (9.692)	21.523 (8.936)	8.676	20.705 (9.494)	4.919
Science credit units	2.526 (4.356)	3.533 (4.651)	8.052	3.068 (4.568)	3.898
Average score	74.670 (19.948)	77.811 (18.305)	5.795	75.703 (19.535)	1.678
Prop. of pupils taking matriculation exams	.752 (.432)	.921 (.270)	15.823	.891 (.312)	11.807
Prop. of pupils entitled to natriculation certificate	.479 (.500)	.550 (.498)	5.044	.502 (.500)	1.490
Dropout rate	.060 (.238)	.051 (.220)	1.736	.061 (.239)	.088
Student characteristic					
Mother's schooling	11.764 (3.023)	12.868 (2.929)	13.191	12.522 (3.033)	8.037
Father's schooling	11.873 (3.287)	12.980 (3.225)	21.122	12.626 (3.258)	7.393
Family size	3.081 (1.598)	2.802 (1.653)	6.164	2.752 (1.678)	6.455
Immigrant status	.064 (.244)	.041 (.199)	3.499	.033 (.178)	4.615
Female	.576 (.494)	.513 (.500)	4.561	.541 (.499)	2.273
School characteristics					
Number of students	1129 (647.652)	800 (465.014)	1.661	956 (532.37)	.773
Number of teachers	78.937 (12.980)	76.348 (12.877)	.605	78.436 (11.619)	.108
Boarding school	.077 (.277)	.290 (.461)	1.887	.188 (.403)	.872
Teacher's schooling					
Years of experience	16.879 (2.269)	17.078 (3.103)	.236	16.512 (2.694)	.399
Age	43.291 (3.073)	44.838 (3.256)	1.497	43.877 (2.702)	.539
% Phd.	.025 (.024)	.030 (.034)	.536	.016 (.015)	.682
% M.A.	.192 (.107)	.217 (.092)	.737	.182 (.079)	.252
% B.A.	.518 (.106)	.516 (.100)	.048	.521 (.107)	.085
% Teacher's college	.151 (.067)	.118 (.088)	1.326	.150 (.089)	.016
Number of schools	13	31		16	
Number of students	2,016	3,477		2110	

B. Religious schools

is schools					
Non	treated/	Non	treated /	Treated schools	
	ed Sample		licants		
T test	Mean	T test	Mean	Mean	
	(S.D)		(S.D)	(S.D)	
					Student achievement
.720	23.947	2.098	21.865	23.384	Credit units
., 20	(9.822)	2.000	(11.191)	(10.635)	create annas
	(0.0)		(=====)	(=3.333)	
4.410	2.891	1.780	1.780	1.835	Science credit units
	(3.610)		(3.106)	(2.847)	
.311	77.655	3.365	73.766	78.105	Average score
	(18.837)		(18.987)	(19.218)	
0.000	000	204	007	000	Duan of munils taleing the
2.833	.902 (.297)	.384	.837 (.369)	.828 (.379)	Prop. of pupils taking the matriculation exams
	(.297)		(.309)	(.379)	matriculation exams
.393	.568	3.423	.438	.553	Prop. of pupils entitled to
.000	(.496)	0.120	(.496)	(.498)	the matriculation
	(.100)		(.100)	(.100)	certificate
					certificate
1.108	.031	.403	.046	.042	Drop-out Rate
	(.173)		(.210)	(.202)	1
	(* * - *)		· -/	(· · · /	
					Student characteristics
.380	11.925	3.539	11.820	10.912	Mother schooling
	(3.292)		(3.819)	(3.819)	
.257	12.410	4.099	11.304	12.489	Father schooling
	(3.569)		(4.098)	(4.357)	
000	0.100	9.100	3.365	2.116	Family size
.080	3.126	2.199		3.116	Family size
	(1.822)		(1.954)	(1.594)	
1.544	.009	1.171	.013	.025	Immigrant status
1.011	(.094)	1.171	(.114)	(.155)	inningrant status
	(.004)		(.114)	(.133)	
6.367	.198	.576	.438	.419	Female
	(.398)		(.497)	(.494)	
					School characteristics
007	700	040	~ ~ ~	7.00	3 7 1 0 1 1
.207	596	.016	557	560	Number of students
	(294.668)		(293.286)	(252.972)	
.896	79.694	.497	77.053	73.665	Number of teachers
.000	(6.552)	.437	(10.072)	(12.345)	Number of teachers
	(0.332)		(10.072)	(12.343)	
1.581	.333	2.159	.333	0	Boarding school
1.001	(.516)	2.100	(.492)	-	Don't aming better
	(1010)		(102)		
					Teacher schooling
					· ·
.896	79.694	.875	18.298	15.991	Years of experience
	(6.552)		(3.027)	(4.978)	
	10.001		40.070	44.400	
.846	43.381	.738	43.059	41.496	Age
	(2.621)		(2.836)	(3.906)	
.952	.019	.981	.013	.004	% Phd.
.002	(.038)	.501	(.027)	(.008)	70 T Hu.
	(.036)		(.027)	(.008)	
.205	.168	.409	.152	.185	% M.A.
	(.081)	.100	(.063)	(.157)	70 1111 11
	(1001)		(1000)	(137)	
.066	.543	.487	.523	.547	% B.A.
	(.095)		(.083)	(.082)	
.849	.161	.986	.163	.121	% Teacher college
	(.067)		(.061)	(.078)	
			10		NT 1 0 1 1
	6		12	4	Number of schools
	451		995	284	Number of students
	401		อฮิง	۵04	runiber of students
-	-				·

Table 7. The Effect of School Resources, Models with School Fixed Effects, Secular Schools

	Prop. of pup matriculati	oils entitled to on certificate		pils taking tion exams	Averag	ge score	Science cr	edit units	Credi	t units	
	Applicants matched sample (10)	Applicants sample (9)	Applicants matched sample (8)	Applicants sample (7)	Applicants matched sample (6)	Applicants sample (5)	Applicants matched sample (4)	Applicants sample	Applicants matched sample (2)	Applicants sample (1)	Pre- Treatment year included
	(==/	(5)	(=)	(1)	(0)	(5)	(-)	(=)	(/	(=/	
	022 (.023)	.006- (.021)	.010 (.018)	.011 (.014)	3.363 (1.050)	4.631 (.875)	232 (.192)	067 (.190)	.115 (.457)	.689 (.384)	A. 1995 1993+1994
	006 (.027)	.001 (.024)	.058 (.021)	.045 (.016)	1.748 (1.041)	1.842 (.881)	225 (.226)	030 (.220)	.109 (.523)	.481 (.436)	1994
	040 (.026)	012 (.023)	037 (.021)	024 (.016)	5.323 (1.263)	7.981 (1.046)	256 (.220)	096 (.218)	.193 (.521)	1.029 (.439)	1993
B. 1996											
	.001 (.017)	021 (.015)	.046 (.012)	.039 (.010)	3.791 (.757)	3.326 (.658)	.145 (.148)	.075 (.140)	.559 (.318)	.442 (.280)	1993+1994
	.002 (.020)	020 (.018)	.062 (.015)	.047 (.012)	1.246 (.767)	.303 (.666)	.140 (.174)	.072 (.163)	.349 (.365)	.144 (.318)	1994
	011 (.019)	026 (.017)	.032 (.014)	.032 (.012)	6.148 (.912)	6.346 (.792)	.083 (.170)	.047 (.161)	.647 (.364)	.691 (.321)	1993
C. 1997											
	002 (.016)	001 (.015)	.097 (.012)	.084 (.010)	3.066 (.756)	2.897 (.661)	321 (.147)	307 (.139)	1.132 (.319)	1.066 (.281)	1993+1994
	.011 (.019)	.007 (.018)	.112 (.014)	.092 (.012)	.789 (.770)	.072 (.676)	313 (.173)	299 (.162)	.999 (.368)	.822 (.322)	1994
	015 (.019)	007 (.017)	.085 (.014)	.078 (.012)	5.349 (.915)	5.860 (.799)	380 (.170)	326 (.160)	1.243 (.367)	1.331 (.324)	1993

Table 8. The Effect of School Resources, Sample of Recommended Secular Schools

its	Credit units	Science credit units	Average score	Prop. of pupils taking matriculation exams	Prop. of pupils entitled to matriculation certificate
Year	(1)	(2)	(3)	(4)	(5)
1995	1.589	.084	5.830	.019	007
	(.436)	(.225)	(1.049)	(.017)	(.025)
1996	1.458	.492	4.088	.036	045
	(.385)	(.193)	(.936)	(.015)	(.021)
1997	2.266	017	5.389	.089	.027
	(.388)	(.188)	(.947)	(.015)	(.021)

Notes: Standard error in parenthesis. The years 1993 and 1994 are included as pre-treatment years.

Table 9. The Effect of School Resources, Models with Interaction of Treatment and Student Demographic Variables

	ınits	Credit	lit units	Science cred	score	Average		Prop. of pup matriculation		Prop. of pupils matriculation
Pre-Treatment year included	Applicants sample	Applicants recommended	Applicant s sample	Applicants recommended	Applicants sample	Applicants recommended	Applicants sample	Applicants recommended	Applicant s sample	Applicants recommended
		sample		sample		sample		sample		sample
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	~ ~~~					40.000		254	000	004
Treatment	7.592	8.280	1.154	1.412	15.143	16.036	.254	.251	.200	.204
.	(1.036)	(1.084)	(.511)	(.527)	(2.437)	(2.649)	(.037)	(.041)	(.056)	(.059)
Treatment interacted with:										
Father's	074	070	005	005	321	239	004	005	004	002
schooling	(.093)	(.096)	(.046)	(.047)	(.218)	(.235)	(.003)	(.004)	(.005)	(.005)
Mother's	247	214	068	058	367	334	004	003	005	003
schooling	(.098)	(.103)	(.049)	(.050)	(.231)	(.250)	(.004)	(.004)	(.005)	(.006)
Family size	-1.068	-1.078	235	278	-1.594	-1.587	029	029	039	045
I dillily Size	(.149)	(.153)	(.074)	(.074)	(.351)	(.373)	(.005)	(.006)	(.008)	(.008)

Table 10. The Effect of School Resources on High School Dropout Rate, Secular Schools

	Dropout rate from 9 th to 10 th grade			Dropout rate from 10 th and 11 th grade		
	Applicants sample	Applicants matched sample	Applicants recommended sample	Applicants sample	Applicants matched sample	Applicants recommended sample
:	(1)	(2)	(3)	(4)	(5)	(6)
1995	152	214	183	074	020	125
	(.144)	(.162)	(.206)	(.074)	(.082)	(.092)
1996	.223	.121	.075	084	082	017
	(.115)	(.136)	(.204)	(.057)	(.061)	(.081)
1997	.204	.095	.086	092	028	199
	(.161)	(.176)	(.260)	(.066)	(.072)	(.087)