



1 Executive Summary

This analysis compares grades 3, 4, and 5 using ST Math for 1-2 years in schools supported by donors versus those not supported by donors, along with their accompanying matched control sets. All treatment groups, donor-supported and otherwise, outperformed their matched controls. Schools supported by donors showed better implementation of the ST Math program compared to schools not supported by donors.

2 Data

This is a quasi-experimental analysis at the grade-mean level. Since this analysis uses grades as the unit of analysis, and states publish grade-mean state standardized test scores, the data for student math outcomes is collected from each state education agency's research files (retrieved from state websites). The treatment students use ST Math student accounts served by MIND. Student ST Math usage data is aggregated to grade-level means by MIND.

The Treatment grades pool originated with all schools and grades using ST Math, differentiated by donor support or lack thereof. From these schools, every grade that had used the ST Math program for 1-2 years was identified. They comprise the Treatment grades pool for this evaluation. We then discard from the Treatment pool any grade with a ratio of ST Math student accounts to reported grade enrollment lower than 85%, in addition to any grade with grade-mean of ST Math Progress for its students lower than 40% by April.

The control grades are randomly selected from a control pool of schools in the USA. Though they are randomly selected, they are also matched to be similar to the Treatment grades' math attributes and demographics during the baseline 2017/18 year. The matched attributes include:

- z-score of percent Proficient or Advanced
- percentage of students receiving free or reduced lunch (using the demographic data from MDR).

To mitigate the risk of randomly picking a set of Control grades that generates an outlier for effect, a Monte Carlo approach is used to perform many random picks. The control pool's size is large enough that there are many possible "picks" of closely matched control grades.

One hundred randomly matched picks are made and sets of matched control grades are generated. For each set, the quality of the match as well as the math growth of the potential control set is evaluated. Some picked sets have high average math growth, some have low average math growth. From the set of all picks, a median pick is chosen. This avoids either an unlikely overestimate, or underestimate, of the Control grades' growth. When multiple median picks exist, the control set with the minimal math score differences in the baseline year is chosen.

3 Analysis

The set of all schools and grades using ST Math, both supported by donors or not, in the USA is evaluated for Enrollment percentage and Progress percentage parameters. A filtered Treatment set (TRT) of all ST Math grades with $\geq 85\%$ Enrollment and $\geq 40\%$ Progress is identified. State math assessment data is tabulated. A matching set of Control grades based on baseline year state math assessment is selected.

Changes in math performance, i.e. the difference in math performance of a grade from a baseline year to the final year, are evaluated and tabulated. Statistical tests of the significance of the difference in math performance changes between Treatment grades and Control grades are performed. Finally, a grade-by-grade disaggregation is performed.

4 Usage

Schools supported by donors had a higher percentage of grades passing the 85% enrollment filter than those not supported by donors.

	Number of STM Grades	Number of Grades, Enroll ≥ 85	Percent Grades, Enroll ≥ 85
1 Yr Donor	378	283	75%
1 Yr Nondonor	1148	635	55%
2 Yr Donor	347	290	84%
2 Yr Nondonor	862	482	56%

Table 1: Number of ST Math and Treatment Grades - Donor versus Non-donor

Schools supported by donors had a higher percentage of grades passing 40% progress to April filter than those not supported by donors.

	Number of STM Grades	Number of Grades, Prog ≥ 40	Percent Grades, Prog ≥ 40
1 Yr Donor	378	123	33%
1 Yr Nondonor	1148	177	15%
2 Yr Donor	347	100	29%
2 Yr Nondonor	862	208	24%

Table 2: Number of ST Math and Treatment Grades - Donor versus Non-donor

Schools supported by donors had a higher percentage of grades passing both the 85% enrollment filter and 40% progress to April filter to qualify as a treatment grade, than those not supported by donors.

	Number of STM Grades	Number of TRT Grades	Percent TRT Grades
1 Yr Donor	378	115	30%
1 Yr Nondonor	1148	132	11%
2 Yr Donor	347	96	28%
2 Yr Nondonor	862	167	19%

Table 3: Number of ST Math and Treatment Grades - Donor versus Non-donor

5 Effects

Both donor supported and non-donor supported treatment sets outperformed their matched controls in terms of Math z-score growth. All groups showed positive, significant effect sizes.

	TRT Delta Z-Score	CTL Delta Z-Score	Effect Size
1 Yr Donor	0.15	-0.02	0.22
1 Yr Nondonor	0.21	-0.08	0.32
2 Yr Donor	0.31	0.03	0.30
2 Yr Nondonor	0.19	-0.02	0.24

Table 4: Math Results - Donor versus Non-donor

6 Findings Summary

This analysis found differences in ST Math implementation when comparing donor supported schools with those not supported by any donors. One-year and two-year donor schools had 30% and 28% percent of grades qualifying for the treatment set, respectively, compared to one-year and two-year non-donor schools only reaching 11% and 19%, respectively. No discernible difference in math performance was found between schools supported by donors and those not supported by donors.

7 Lists of Schools

7.1 Treatment Schools Supported by Donors

The following tables list the treatment schools and grades (after 85% enrollment and 40% progress filtering) supported by donors.

State	PID	IID	District	School Name	GRADE	Support
MI	485515	ASH0RS	Ashley Community Schools	Ashley Elementary School	4	Donor
MA	1415472	HIL07I	Attleboro	Hill-Roberts Elementary School	3, 4	Donor
MA	418031	THA0RT	Attleboro	Peter Thacher Elementary School	3, 4	Donor
MT	10908688	BEA0RV	Billings Elem	Beartooth School	5, 4	Donor
MT	609292	BRO0RT	Billings Elem	Broadwater School	3	Donor
MT	609321	CEN0RW	Billings Elem	Central Heights School	4, 5	Donor
MT	2891025	EAG0RS	Billings Elem	Eagle Cliffs Elementary	5, 4, 3	Donor
MT	609412	MIL0RX	Billings Elem	Miles Avenue School	3	Donor
MA	440216	JOH0RX	Boston	Eliot Elementary	3, 4	Donor
MA	4814566	BOS0RS	Boston Collegiate Charter (District)	Boston Collegiate Charter School	5	Donor
MI	501121	FLO0RV	Bullock Creek School District	Floyd School	5, 3	Donor
CA	95263	BUE6ZT	Centralia Elementary	Buena Terra Elementary	5, 4	Donor
CA	95299	GEO6ZQ	Centralia Elementary	George B. Miller Elementary	5, 4, 3	Donor
CA	95304	GHD6ZQ	Centralia Elementary	Glen H. Dysinger Sr. Elementary	4, 5, 3	Donor
CA	95316	LOS6ZQ	Centralia Elementary	Los Coyotes Elementary	3	Donor
CA	95342	RAY6ZQ	Centralia Elementary	Raymond Temple Elementary	5, 4, 3	Donor
CA	95354	SAN6ZQ	Centralia Elementary	San Marino Elementary	3	Donor
MA	425151	MOU0RU	East Longmeadow	Mountain View	3	Donor
CA	68806	CHE72T	El Monte City	Cherrylee Elementary	5, 4, 3	Donor
CA	68818	CLE72Y	El Monte City	Cleminson Elementary	4	Donor
CA	68832	COR72T	El Monte City	Cortada Elementary	5, 4	Donor
CA	68868	ANN72T	El Monte City	Legore Elementary	5, 3	Donor
CA	68894	NEW72T	El Monte City	New Lexington Elementary	5	Donor
CA	68935	RIO72T	El Monte City	Rio Vista Elementary	4	Donor
CA	68947	SHI72T	El Monte City	Shirpsper Elementary	3, 4, 5	Donor
CA	68961	WIL72T	El Monte City	Wilkerson Elementary	3	Donor
CA	68973	WRI72T	El Monte City	Wright Elementary	5	Donor
CA	70445	RAM0RS	Hawthorne	Ramona	3	Donor
MA	430613	BAR0RV	Lowell	Bartlett Community Partnership	4	Donor
MA	430730	JGP055	Lowell	Pyne Arts	4, 3, 5	Donor
MA	438940	HEN0RS	Middleborough	Henry B. Burkland Elementary School	4, 3, 5	Donor
MA	438952	MAR0RX	Middleborough	Mary K. Goode Elementary School	5, 3, 4	Donor
MA	1398537	RES0RS	Millbury	Raymond E. Shaw Elementary	5, 4	Donor
IL	315532	BUT0RV	Moline-Coal Valley CUSD 40	Butterworth Elem School	5, 4	Donor
IL	315661	LOG0RS	Moline-Coal Valley CUSD 40	Logan Elem School	5	Donor
CA	111960	KIM0RS	National Elementary	Kimball	3	Donor
MA	4362484	ANN0RS	North Andover	Annie L. Sargent School	5, 3, 4	Donor
MA	423191	KIT0RS	North Andover	Kittredge	4, 3, 5	Donor
MA	423220	THO0RT	North Andover	Thomson	4	Donor
CA	3048013	MAG7CW	Oakdale Joint Unified	Magnolia Elementary	3	Donor
CA	4949496	ACO7AU	Oakland Unified	ACORN Woodland Elementary	4, 3	Donor
CA	49862	BEL7AT	Oakland Unified	Bella Vista Elementary	3	Donor
CA	97883	VIL0RT	Ocean View	Village View Elementary	3, 4	Donor
CA	4919180	RAM0RT	Oxnard	Ramona Elementary	4	Donor
MA	441818	WHE0RS	Revere	A. C. Whelan Elementary School	3	Donor
MA	441820	LIN0RV	Revere	Abraham Lincoln	4, 3	Donor
MA	2044624	BEA0RU	Revere	Beachmont Veterans Memorial School	5, 4	Donor
MA	441870	JAM0RS	Revere	Garfield Elementary School	3, 4	Donor
MA	441935	PAU0RS	Revere	Paul Revere	3, 4, 5	Donor
MA	441923	HIL0RX	Revere	Staff Sargent James J. Hill Elementary School	5	Donor
CA	102476	HIG74Y	Riverside Unified	Highgrove Elementary	3	Donor
AZ	41080	IRE0RS	Roosevelt Elementary District	Irene Lopez School	3	Donor
CA	1170373	BIS0RS	San Luis Coastal Unified	Bishop's Peak Elementary	4	Donor
CA	1170309	CON0RT	San Luis Coastal Unified	C L Smith Elementary	4	Donor
CA	3329647	DEL0RT	San Luis Coastal Unified	Del Mar Elementary	4	Donor

Table 5: Treatment Schools (TRT.1yr.donor Dataset)

State	PID	IID	District	School Name	GRADE	Support
CA	1170335	HAW0RS	San Luis Coastal Unified	Hawthorne Elementary	4, 5	Donor
CA	2890813	PAC0RT	San Luis Coastal Unified	Pacheco Elementary	5	Donor
CA	1170359	SIN0RS	San Luis Coastal Unified	Sinsheimer Elementary	3, 5, 4	Donor
CA	5346471	TEA0RS	San Luis Coastal Unified	Teach Elementary	5	Donor
CA	114481	IMP73D	South Bay Union	Imperial Beach Charter	5	Donor
CA	114493	NES73Z	South Bay Union	Nestor Language Academy Charter	4, 5	Donor
MA	420046	HAR0RZ	Taunton	H H Galligan	4, 3	Donor
MA	447173	WHI0RS	Uxbridge	Whitin Intermediate	4, 5	Donor
MA	426478	JOH0RY	West Springfield	John R Fausey	3, 4	Donor
CA	83234	WES0RU	Whittier City Elementary	West Whittier Elementary	4, 3	Donor
MA	448086	UNI0RU	Worcester	Union Hill School	3, 5	Donor

Table 6: Treatment Schools (TRT.1yr.donor Dataset)

7.2 Control Schools Matched to Schools Supported by Donors

The following tables list the control schools and grades (matched control grades to treatment grades supported by donors).

State	PID	District	School Name	GRADE	MatchedTo
MA	437776	Abington	Woodsdale Elementary School	3	Donor
CA	1395729	Albany City Unified	Marin Elementary	5	Donor
CA	11712250	America's Finest Charter	America's Finest Charter	4	Donor
MT	601288	Anaconda Elem	Fred Moody Intermediate	3	Donor
MA	420917	Andover	Bancroft Elementary	4	Donor
MA	428323	Arlington	Thompson	5	Donor
CA	62008	Bakersfield City	College Heights Elementary	4	Donor
CA	3326657	Bakersfield City	Dr. Juliet Thorner Elementary	3	Donor
CA	88765	Bass Lake Joint Union Elementary	Wasuma Elementary	4	Donor
IL	4746816	Belleville SD 118	Westhaven Elementary	4	Donor
MA	4458837	Benjamin Banneker Charter Public (District)	Benjamin Banneker Charter Public School	4	Donor
MA	418201	Berkley	Berkley Community School	3	Donor
MA	428579	Billerica	Frederick J Dutile	4	Donor
CA	1485001	Black Oak Mine Unified	Georgetown Elementary	4	Donor
CA	67113	Bonita Unified	Gladstone Elementary	4	Donor
MA	441193	Boston	Josiah Quincy	4	Donor
MA	4369107	Boston	Lyndon	4	Donor
MA	3397917	Braintree	Hollis	3	Donor
MA	434865	Braintree	Mary E Flaherty School	4	Donor
MT	1520455	Butte Elem	Margaret Leary School	5	Donor
MA	428854	Cambridge	Haggerty	5	Donor
MA	416899	Central Berkshire	Craneville	4	Donor
MI	4757906	Chatfield School	Chatfield School	4	Donor
CA	4467890	Chico Country Day	Chico Country Day	3	Donor
CA	110590	Chula Vista Elementary	Lauderbach (J. Calvin) Elementary	3	Donor
CA	107567	Colton Joint Unified	Walter Zimmerman Elementary	5	Donor
CA	67802	Compton Unified	McKinley Elementary	3	Donor
CA	130899	Cottonwood Union Elementary	West Cottonwood Junior High	5	Donor
MA	435259	Dedham	Greenlodge	4	Donor
CA	132500	Dixon Unified	Anderson (Linford L.) Elementary	4	Donor
CA	52405	Durham Unified	Durham Elementary	5	Donor
CA	103016	Elk Grove Unified	Anna Kirchgater Elementary	5	Donor
CA	126185	Evergreen Elementary	Cadwallader Elementary	5	Donor
CA	132706	Fairfield-Suisun Unified	K. I. Jones Elementary	5	Donor
MA	418782	Fall River	John J Doran	3	Donor
CA	1521136	Fallbrook Union Elementary	San Onofre Elementary	4	Donor
MI	520579	Flat Rock Community Schools	John M. Barnes Elem. School	3	Donor
CA	107787	Fontana Unified	Palmetto Elementary	5	Donor
MA	429858	Framingham	Woodrow Wilson	5	Donor
CA	10003513	Franklin-McKinley Elementary	Ramblewood Elementary	5	Donor
CA	2105814	Fresno Unified	Ayer Elementary	3	Donor
CA	2105826	Fresno Unified	Forkner Elementary	5	Donor
CA	57663	Fresno Unified	Sunset Elementary	5	Donor
CA	96138	Garden Grove Unified	Earl Warren Elementary	3	Donor
CA	69381	Garvey Elementary	Sanchez (George I.) Elementary	5	Donor
MT	608901	Glasgow K-12 Schools	Irle Elementary School	4	Donor
CA	69501	Glendale Unified	Cerritos Elementary	3	Donor
MA	421519	Gloucester	Beeman Memorial	4	Donor
MA	421624	Gloucester	Veterans Memorial	4	Donor
MA	421636	Gloucester	West Parish	3	Donor
CA	124058	Goleta Union Elementary	Isla Vista Elementary	4	Donor
MT	1171511	Great Falls Elem	Sunnyside School	3	Donor
CA	64472	Hanford Elementary	Joseph M. Simas	4	Donor
CA	64484	Hanford Elementary	Monroe Elementary	3	Donor
CA	1168851	Hayward Unified	Cherryland Elementary	5	Donor

Table 7: Matched Control Schools (CTRL Dataset)

State	PID	District	School Name	GRADE	MatchedTo
MT	1828611	Helena Elem	Four Georgians School	5	Donor
MT	604395	Helena Elem	Jim Darcy School	3	Donor
MT	604345	Helena Elem	Smith School	4	Donor
MA	5356660	Hill View Montessori Charter Public (District)	Hill View Montessori Charter Public School	3	Donor
CA	61353	Holtville Unified	Emmett S. Finley Elementary	4	Donor
CA	70598	Inglewood Unified	Bennett/Kew Elementary	5	Donor
MA	422094	Ipswich	Paul F Doyon Memorial	3	Donor
CA	11717834	Ivy Academia	Ivy Academia	3	Donor
CA	3007344	La Mesa-Spring Valley	Murdock Elementary	4	Donor
CA	111776	Lemon Grove	Mt. Vernon	4	Donor
CA	77015	Los Angeles Unified	Anatola Avenue Elementary	4	Donor
CA	76530	Los Angeles Unified	Apperson Street Elementary	3	Donor
CA	72467	Los Angeles Unified	Avalon Gardens Elementary	3	Donor
CA	78514	Los Angeles Unified	Superior Street Elementary	5	Donor
CA	77986	Los Angeles Unified	Topeka Charter School For Advanced Studies	3	Donor
CA	75512	Los Angeles Unified	Van Ness Avenue Elementary	4	Donor
CA	75093	Los Angeles Unified	Virginia Road Elementary	4	Donor
CA	78863	Lynwood Unified	Mark Twain Elementary	4	Donor
IL	271340	Maywood-Melrose Park-Broadview 89	Emerson Elem School	5	Donor
MA	435687	Medfield	Dale Street	4	Donor
MA	3336224	Methuen	Comprehensive Grammar School	5	Donor
MT	600959	Miles City Elem	Lincoln School	5, 4	Donor
CA	135497	Modesto City Elementary	Ensen Elementary	5	Donor
CA	92261	Monterey Peninsula Unified	Del Rey Woods Elementary	3	Donor
MA	444597	Narragansett	Phillipston Memorial	3	Donor
CA	10031871	Natomas Unified	Heron	3	Donor
MA	4367109	Neighborhood House Charter (District)	Neighborhood House Charter School	3	Donor
MA	1413527	New Bedford	Hayden/McFadden	5	Donor
MA	419396	New Bedford	Thomas R Rodman	4	Donor
MA	432087	Newton	Memorial Spaulding	5	Donor
MA	4284454	North Reading	E Ethel Little School	5	Donor
MA	446715	Oxford	Clara Barton	3	Donor
MA	446739	Oxford	Oxford Middle	5	Donor
MA	2044569	Plymouth	Federal Furnace School	4	Donor
MA	1822277	Plymouth	West Elementary	3	Donor
CA	4366284	Robla Elementary	Main Avenue Elementary	3	Donor
CA	5011418	SBE - Ridgecrest Charter	Ridgecrest Charter	3	Donor
MA	4367202	Sabis International Charter (District)	Sabis International Charter School	5	Donor
CA	104802	Sacramento City Unified	O. W. Erlewine Elementary	4	Donor
IL	309777	Salem SD 111	Franklin Park Middle School	5	Donor
CA	4429305	San Francisco Unified	Yu (Alice Fong) Elementary	3	Donor
CA	50756	San Leandro Unified	Washington Elementary	3	Donor
CA	4921676	Santa Ynez Valley Charter	Santa Ynez Valley Charter	4	Donor
MA	439308	Scituate	Hatherly Elementary	4	Donor
MA	439358	Scituate	Wampatuck Elementary	3	Donor
MA	432477	Somerville	E Somerville Community	3	Donor
MA	2044820	Southborough	Margaret A Neary	5	Donor
MA	426181	Springfield	Mary M Walsh	4	Donor
AZ	44202	Tucson Unified District	Davis Bilingual Magnet School	3	Donor
CA	99324	Tustin Unified	W. R. Nelson Elementary	4	Donor
MA	433093	Wakefield	Galvin Middle School	5	Donor
MA	433201	Waltham	James Fitzgerald Elementary School	4	Donor
MI	507905	Waterford School District	Cooley Elementary School	5	Donor
MA	5100150	Wellesley	Sprague Elementary School	4	Donor
MA	4348983	Weymouth	Thomas V Nash	3	Donor
MA	437465	Weymouth	William Seach	3	Donor
MA	439619	Whitman-Hanson	John H Duval	5	Donor
MA	433859	Wilmington	Woburn Street	3	Donor
MA	448074	Worcester	Thorndyke Road	4	Donor

Table 8: Matched Control Schools (CTRL Dataset)

7.3 Treatment Schools Not Supported by Donors

The following tables list the treatment schools and grades (after 85% enrollment and 40% progress filtering) not supported by donors.

State	PID	IID	District	School Name	GRADE	Support
NV	10024799	JUD0RS	Achievement	Judith D Steele Elementary School	4, 3	Nondonor
NV	3328851	UTE0RS	Achievement	Ute Perkins Elementary School	5	Nondonor
NV	712277	WHI0RV	Achievement	Whitney Elementary School	4, 5	Nondonor
NV	10024787	WIL0S2	Achievement	William V Wright Elementary School	3	Nondonor
NM	704220	ALA6PZ	Albuquerque Public Schools	Alameda Elementary School	4	Nondonor
NM	703874	BAR6PY	Albuquerque Public Schools	Barcelona Elementary School	4	Nondonor
NM	1523469	DOL6PY	Albuquerque Public Schools	Dolores Gonzales Elementary School	4	Nondonor
UT	4918320	WES6HC	Alpine District	Westfield School	4	Nondonor
MA	441167	PHI0RT	Boston	Phineas Bates	3	Nondonor
TX	1418242	COU0RS	CARROLLTON-FARM	COUNTRY PLACE E	4	Nondonor
TX	1418254	DAL0RS	CARROLLTON-FARM	DAVIS ELEM.	3, 4	Nondonor
TX	5350018	BER0RX	CARROLLTON-FARM	FREEMAN ELEM.	4	Nondonor
TX	2178081	FUR0RS	CARROLLTON-FARM	FURNEAUX ELEM.	5, 4	Nondonor
TX	3248988	ELK0RT	CARROLLTON-FARM	KENT ELEM.	3, 4	Nondonor
TX	2894120	LAS0RT	CARROLLTON-FARM	LAS COLINAS ELE	4	Nondonor
TX	1826156	MCC0RS	CARROLLTON-FARM	MCCOY ELEM.	5, 4, 3	Nondonor
TX	1008263	JUN0RS	CARROLLTON-FARM	THOMPSON ELEM.	4, 3	Nondonor
MO	11816832	CRO0RT	CROSSROADS CHARTER SCHOOLS	CROSSROADS - CENTRAL STREET	5	Nondonor
UT	2108763	ALT0RT	Canyons District	Altara School	3	Nondonor
UT	1553361	BRO6HL	Canyons District	Brookwood School	4, 5	Nondonor
UT	1065364	CRE0RV	Canyons District	Crescent School	5, 4, 3	Nondonor
CO	146355	BAR0RX	DENVER COUNTY 1	BARNUM ELEMENTARY SCHOOL	3, 4, 5	Nondonor
CO	4477687	REM68S	DISTRICT 49	REMINGTON ELEMENTARY SCHOOL	4	Nondonor
IL	4453693	NOR4RR	Danville CCSD 118	Northeast Elem Magnet School	3	Nondonor
UT	1881998	COO0RS	Davis District	Cook School	3, 4	Nondonor
UT	10029062	PAR0RY	Davis District	Parkside School	3	Nondonor
UT	1063483	SOU6HE	Davis District	South Clearfield School	4	Nondonor
UT	1063562	VAL6HD	Davis District	Valley View School	4	Nondonor
OH	798245	ERV3BH	Delaware City	Ervin Carlisle Elementary School	4	Nondonor
OH	798269	JAM3BH	Delaware City	James Conger Elementary School	3	Nondonor
CA	68844	DUR72T	El Monte City	Durfee Elementary	3, 4	Nondonor
CA	68856	GID72T	El Monte City	Gidley Elementary	4	Nondonor
CA	68911	POT72T	El Monte City	Potrero Elementary	4, 5, 3	Nondonor
CA	135227	CAP0RT	Empire Union Elementary	Capistrano Elementary	4	Nondonor
IL	3393117	KIN4N8	Evanston CCSD 65	Kingsley Elementary School	3, 4	Nondonor
CA	4925153	GRE0RX	Fresno Unified	David L. Greenberg Elementary	3, 4, 5	Nondonor
CO	158255	SCO67Z	GREELEY 6	SCOTT ELEMENTARY SCHOOL	5, 4	Nondonor
UT	1876943	CAL0RS	Granite District	Calvin S. Smith School	4	Nondonor
MA	4284193	GOL053	Haverhill	Golden Hill	3, 4	Nondonor
CA	11708716	HEA0RU	Healdsburg Unified	Healdsburg Charter	4	Nondonor
CA	133657	HEA0RS	Healdsburg Unified	Healdsburg Elementary	4, 5, 3	Nondonor
OH	801725	AVY3BI	Hilliard City	Avery Elementary School	4	Nondonor
NY	736584	CAN0RV	JERICHO UNION FREE SCHOOL DISTRICT	CANTIAGUE ELEMENTARY SCHOOL	5	Nondonor
NY	736596	GEO0RT	JERICHO UNION FREE SCHOOL DISTRICT	GEORGE A JACKSON SCHOOL	5, 4, 3	Nondonor
NY	4447826	ROB0RS	JERICHO UNION FREE SCHOOL DISTRICT	ROBERT SEAMAN ELEMENTARY SCHOOL	3, 5, 4	Nondonor
NJ	684723	WAS0JJ	Kearny Town	Washington Elementary School	3	Nondonor
CA	10901927	BET0RU	Lammersville Joint Unified	Bethany Elementary	4	Nondonor
CA	119106	LAM0RT	Lammersville Joint Unified	Lammersville Elementary	5	Nondonor
MN	537168	LAP0RS	Laporte Public School District	Laporte Elementary	3, 4	Nondonor
CA	71657	GOM6ZZ	Long Beach Unified	Gompers K-8	4	Nondonor
CA	71736	HUD709	Long Beach Unified	Hudson K-8	4	Nondonor
CA	4286309	JAC708	Long Beach Unified	Robinson Academy	5	Nondonor
CA	72089	STE708	Long Beach Unified	Stevenson Elementary	4, 3	Nondonor
NJ	2176863	RAD0MH	Monroe Twp	Radix Elementary	3	Nondonor
PA	1552800	NOR0S1	NORTHERN POTTER SD	NORTHERN POTTER CHILDRENS SCH	3	Nondonor

Table 9: Treatment Schools (TRT.1yr.nondonor Dataset)

State	PID	IID	District	School Name	GRADE	Support
TX	998110	GLE0RU	NORTHSIDE ISD	GLENOAKS ELEM.	5, 4	Nondonor
CA	49678	HIL0RW	Oakland Unified	Hillcrest Elementary	3	Nondonor
NJ	676063	OCE0RT	Ocean City	Ocean City Intermediate School	5, 4	Nondonor
OH	4450196	ALU3BJ	Olentangy Local	Alum Creek Elementary School	3	Nondonor
OH	798312	ARR3BJ	Olentangy Local	Arrowhead Elementary School	3	Nondonor
OH	11512749	FRE3BJ	Olentangy Local	Freedom Trail Elementary	4, 3	Nondonor
OH	10002674	GLE3BJ	Olentangy Local	Glen Oak Elementary School	3	Nondonor
OH	5275236	IND3BM	Olentangy Local	Indian Springs Elementary	3	Nondonor
OH	4803036	SCI3BM	Olentangy Local	Scioto Ridge Elementary School	3	Nondonor
OH	5275248	WAL3BI	Olentangy Local	Walnut Creek Elementary	3	Nondonor
FL	12101434	LEA0RU	PASCO	LEARNING LODGE ACADEMY	5	Nondonor
CA	4949848	WAT7C3	Pajaro Valley Unified	Watsonville Charter School of the Arts	3	Nondonor
CA	138358	ROC0RS	Porterville Unified	Roche Elementary	4	Nondonor
IL	273568	WIL0S5	River Forest SD 90	Willard Elem School	4	Nondonor
VA	1088457	GRA0RW	Roanoke City	Grandin Court Elementary	4	Nondonor
VA	1088639	WAS1UP	Roanoke City	Wasena Elementary	3, 4	Nondonor
IL	298207	CEN4N0	SD U-46	Century Oaks Elem School	4	Nondonor
TX	1027178	MEA0RV	SPRING BRANCH I	MEADOW WOOD ELE	5, 4, 3	Nondonor
TX	1027233	NOT0RS	SPRING BRANCH I	NOTTINGHAM ELEM	3	Nondonor
NY	738611	ROB0RT	SYOSSET CENTRAL SCHOOL DISTRICT	ROBBINS LANE ELEMENTARY SCHOOL	3	Nondonor
NY	738673	VIL0RU	SYOSSET CENTRAL SCHOOL DISTRICT	VILLAGE ELEMENTARY SCHOOL	4	Nondonor
CA	99001	HAN0RU	Savanna Elementary	Hansen Elementary	5, 3	Nondonor
UT	12031229	SCH0RS	Scholar Academy	Scholar Academy	3	Nondonor
CA	114431	BAY73D	South Bay Union	Bayside STEAM Academy	5	Nondonor
CA	114443	CEN73D	South Bay Union	Central Elementary	4	Nondonor
CA	114455	EMO73Z	South Bay Union	Emory Elementary	5	Nondonor
CA	1414727	HOW73Z	South Bay Union	Howard Pence Elementary	5	Nondonor
MI	476368	STA0RW	Standish-Sterling Community Schools	Standish-Sterling Central Elementary School	3, 4	Nondonor
IA	245872	STA0RZ	Stanton CSD	Stanton Elementary School	5, 3	Nondonor
TX	1051612	WVS0RS	TULIA ISD	W.V. SWINBURN E	3, 4	Nondonor
NJ	696269	TUC0RS	Tuckerton Boro	Tuckerton Elementary School	3	Nondonor
PA	1529920	BEA0RW	WARREN COUNTY SD	BEATY-WARREN MS	5	Nondonor
PA	938110	EIS0RT	WARREN COUNTY SD	EISENHOWER EL SCH	3	Nondonor
PA	938225	YOU0RS	WARREN COUNTY SD	YOUNGSVILLE EL/MS	5	Nondonor
NY	739081	COR0RV	WEST HEMPSTEAD UNION FREE SCHOOL DISTRICT	CORNWELL AVENUE SCHOOL	3	Nondonor
UT	11919501	CRI0RS	Washington District	Crimson View School	3	Nondonor
MA	426313	ABN0RS	Westfield	Abner Gibbs	4	Nondonor

Table 10: Treatment Schools (TRT.1yr.nondonor Dataset)

7.4 Control Schools Matched to Schools Not Supported by Donors

The following tables list the control schools and grades (matched control grades to treatment grades not supported by donors).

State	PID	District	School Name	GRADE	MatchedTo
TX	1056301	AUSTIN ISD	JOSLIN ELEM.	3	Nondonor
NV	3331690	Achievement	David M Cox Elementary School	3	Nondonor
NV	3011981	Achievement	Doris M Reed Elementary School	5	Nondonor
NV	3328942	Achievement	Herbert A Derfelt Elementary School	5	Nondonor
NV	3401609	Achievement	Martha P King Elementary School	3	Nondonor
NV	711998	Achievement	Paul E Culley Elementary School	4	Nondonor
UT	5272375	Alpine District	Freedom School	4	Nondonor
UT	10024440	Alpine District	Ridgeline School	4	Nondonor
UT	1067427	Alpine District	Westmore School	3	Nondonor
CA	4872570	Alvord Unified	Rosemary Kennedy Elementary	5	Nondonor
NY	714421	BETHLEHEM CENTRAL SCHOOL DISTRICT	GLENMONT ELEMENTARY SCHOOL	4	Nondonor
TX	1052214	BIRDVILLE ISD	WEST BIRDVILLE	3	Nondonor
TX	3473638	BROADDUS ISD	BROADDUS ELEM.	4	Nondonor
CA	100894	Banning Unified	Central Elementary	4	Nondonor
VA	4918370	Botetourt County	Greenfield Elementary	4	Nondonor
CA	1169374	Brawley Elementary	Myron D. Witter Elementary	4	Nondonor
NJ	695978	Brick Twp	Veterans Memorial Elementary School	3	Nondonor
CA	66913	Burbank Unified	Thomas Jefferson Elementary	4	Nondonor
TX	11450397	CANYON ISD	CITY VIEW ELEM.	4	Nondonor
TX	3046596	CELINA ISD	CELINA ELEM.	3	Nondonor
UT	1065390	Canyons District	East Sandy School	4	Nondonor
UT	1065522	Canyons District	Ridgecrest School	5	Nondonor
UT	10023422	Canyons District	Willow Springs School	3	Nondonor
NV	712344	Carson City	Gardnerville Elementary School	4	Nondonor
OH	804571	Cedar Cliff Local	Cedarville Elementary School	3	Nondonor
IA	5101207	Cedar Rapids CSD	Viola Gibson Elementary School	5	Nondonor
OH	835958	Champion Local	Champion Central Elementary School	3	Nondonor
NJ	673700	Cherry Hill Twp	Thomas Paine Elementary School	5	Nondonor
VA	1071935	Chesterfield County	Crestwood Elementary	3	Nondonor
MA	425022	Chicopee	Lambert-Lavoie	4	Nondonor
CA	110734	Chula Vista Elementary	Sunnyside Elementary	4	Nondonor
OH	806115	Cincinnati Public Schools	Sands Montessori Elementary School	3	Nondonor
IL	275267	City of Chicago SD 299	Carnegie Elem School	4	Nondonor
CA	125698	Cupertino Union	Nelson S. Dilworth Elementary	3	Nondonor
TX	1023328	DEER PARK ISD	CARPENTER ELEM.	4	Nondonor
CO	147048	DENVER COUNTY 1	MCGLONE ACADEMY	4	Nondonor
CO	4814695	DENVER COUNTY 1	WYATT ACADEMY	3	Nondonor
CA	4946858	Davis Joint Unified	Marguerite Montgomery Elementary	3	Nondonor
MN	537481	Deer River Public School District	King Elementary	3	Nondonor
CA, MN	137782, 547644	Dinuba Unified, Faribault Public School District	Jefferson Elementary	5, 4	Nondonor
IL	312384	Elmwood CUSD 322	Elmwood Elem School	4	Nondonor
CA	111087	Escondido Union	Rose Elementary	5	Nondonor
TX	3240675	FRENSHIP ISD	CRESTVIEW ELEM.	3	Nondonor
CA	4494996	Fontana Unified	Date Elementary	3	Nondonor
TX	1041813	GAUSE ISD	GAUSE ELEM.	5	Nondonor
NY	736077	GREAT NECK UNION FREE SCHOOL DISTRICT	SADDLE ROCK SCHOOL	3	Nondonor
TX	1004566	GROOM ISD	GROOM SCHOOL	3	Nondonor
NM	707454	Gallup McKinley County Schools	Crownpoint Elementary School	4	Nondonor
NM	707571	Gallup McKinley County Schools	Roosevelt Elementary School	4	Nondonor
CA	69501	Glendale Unified	Cerritos Elementary	4	Nondonor
CA	92041	Gonzales Unified	Fairview Middle	5	Nondonor
UT	1064932	Granite District	Oakwood School	5	Nondonor
FL	193279	HOLMES	BONIFAY K-8 SCHOOL	5	Nondonor
TX	1025065	HOUSTON ISD	WHIDBY ELEM.	4	Nondonor
TX	5221338	HUTTO ISD	NADINE JOHNSON	4	Nondonor

Table 11: Matched Control Schools (CTRL Dataset)



State	PID	District	School Name	GRADE	MatchedTo
CA	70201	Hacienda la Puente Unified	Los Robles Academy	3	Nondonor
NJ	684199	Hoboken City	Thomas G. Connors	3	Nondonor
MA	435572	Holbrook	John F Kennedy	4	Nondonor
CA	11132179	ICEF Vista Elementary Academy	ICEF Vista Elementary Academy	5	Nondonor
NY	730190	INDIAN RIVER CENTRAL SCHOOL DISTRICT	THERESA PRIMARY SCHOOL	3	Nondonor
CA	5364693	Integrity Charter	Integrity Charter	4	Nondonor
UT	1064097	Iron District	Parowan School	3	Nondonor
CO	151867	JEFFERSON COUNTY R-1	FREMONT ELEMENTARY SCHOOL	4	Nondonor
CO	152055	JEFFERSON COUNTY R-1	MOLHOLM ELEMENTARY SCHOOL	5	Nondonor
UT	4867056	Jordan District	Herriman School	4, 3	Nondonor
UT	3008142	Jordan District	Jordan Ridge School	4	Nondonor
TX	3018719	KEMP ISD	KEMP INTERMEDIA	5	Nondonor
TX	5347592	KLEIN ISD	KREINHOP ELEM.	5	Nondonor
TX	3391432	LAKE DALLAS ISD	CORINTH ELEM.	3, 4	Nondonor
CO	156037	LAMAR RE-2	PARKVIEW ELEMENTARY SCHOOL	4	Nondonor
OH	10908925	Lakota Local	Endeavor Elementary School	4	Nondonor
OH	5270092	Lakota Local	VanGorden Elementary School	3	Nondonor
NM	1171925	Las Cruces Public Schools	Booker T. Washington Elementary School	4	Nondonor
CA	119120	Lincoln Unified	Colonial Heights	5	Nondonor
CA	124266	Lompoc Unified	La Honda STEAM Academy	3	Nondonor
CA	124280	Lompoc Unified	Leonora Fillmore Elementary	3	Nondonor
CA	74283	Los Angeles Unified	Charnock Road Elementary	4	Nondonor
CO	142749	MAPLETON 1	GLOBAL INTERMEDIATE ACADEMY	5	Nondonor
TX	1041291	MEDINA VALLEY I	LACOSTE ELEM.	4	Nondonor
TX	1041655	MIDLAND ISD	SOUTH ELEM.	3	Nondonor
PA	1418022	MILTON AREA SD	JAMES F BAUGHER EL SCH	3	Nondonor
MI	2049583	Mar Lee School District	Mar Lee School	3	Nondonor
CA	142165	Marysville Joint Unified	Cedar Lane Elementary	4	Nondonor
IL	311976	Meridian CUSD 223	Monroe Center Grade School	3	Nondonor
IL	301610	Millburn CCSD 24	Millburn Elem School	4	Nondonor
OH	829258	Miller City-New Cleveland Local	Miller City Elementary School	3	Nondonor
CA	135746, 58760	Modesto City Elementary, Sanger Unified	Wilson Elementary	4, 3	Nondonor
CA	3004550	Moorpark Unified	Campus Canyon Elementary	4	Nondonor
NY	742105	NEW YORK CITY GEOGRAPHIC DISTRICT # 2	PS 59 BEEKMAN HILL INTERNATIONAL	4	Nondonor
NY	5291852	NEW YORK CITY GEOGRAPHIC DISTRICT # 5	HARLEM VILLAGE ACADEMY WEST CHARTER SCHOOL	3	Nondonor
NY	11934355	NEW YORK CITY GEOGRAPHIC DISTRICT #18	LEADERSHIP PREPARATORY CANARSIE CHARTER SCHOOL	4	Nondonor
MO	559685	NORTH KANSAS CITY 74	LAKEWOOD ELEM.	5	Nondonor
NY	737710	NORTH SHORE CENTRAL SCHOOL DISTRICT	GLEN HEAD ELEMENTARY SCHOOL	5	Nondonor
PA	920577	NORTHWEST AREA SD	NORTHWEST AREA INTERMEDIATE SCH	5	Nondonor
OH	828852	National Trail Local	National Trail Elementary School	3	Nondonor
UT	10023525	Nebo District	Foothills School	3	Nondonor
MA	1828001	Norton	J C Solmonese	3	Nondonor
CA	108432	Ontario-Montclair	Mission Elementary	5	Nondonor
PA	904078	PENNCREST SD	MAPLEWOOD EL SCH	5	Nondonor
TX	1006394	PLANO ISD	DAVIS ELEM.	5	Nondonor
TX	1006356	PLANO ISD	MEADOWS ELEM.	4	Nondonor
CA	4803658	Panama-Buena Vista Union	Ronald Reagan Elementary	5	Nondonor
OH	840446	Perrysburg Exempted Village	Frank Elementary School	3	Nondonor
NY	751601	ROCKVILLE CENTRE UNION FREE SCHOOL DISTRICT	HEWITT SCHOOL	5	Nondonor
CA	108743	Redlands Unified	Victoria Elementary	4	Nondonor
OH	835374	Revere Local	Richfield Elementary School	3	Nondonor
CA	108810	Rialto Unified	Kelley Elementary	4	Nondonor
OH	787076	Ross Local	Elda Elementary School	4	Nondonor
VA	1081564	Russell County	Swords Creek Elementary	4	Nondonor
NY	781814	SCARSDALE UNION FREE SCHOOL DISTRICT	EDGEWOOD SCHOOL	5	Nondonor

Table 12: Matched Control Schools (CTRL Dataset)

State	PID	District	School Name	GRADE	MatchedTo
PA	4751160	SOMERSET AREA SD	EAGLE VIEW EL SCH	3	Nondonor
TX	5273264	SPRING ISD	CLARK INTERMEDI	4	Nondonor
MA	4367202	Sabis International Charter (District)	Sabis International Charter School	3	Nondonor
CA	140519	Santa Paula Unified	Thelma Bedell Elementary	4	Nondonor
IL	273867	Schaumburg CCSD 54	Albert Einstein Elem School	3	Nondonor
OH	10030126	Springboro Community City	Five Points	4	Nondonor
NJ	699089	Upper Pittsgrove Twp	Upper Pittsgrove School	4	Nondonor
CA	78021	Vaughn Next Century Learning Center	Vaughn Next Century Learning Center	3	Nondonor
CA	11129574	Visalia Unified	Annie R. Mitchell	5	Nondonor
NY	739005	WANTAGH UNION FREE SCHOOL DISTRICT	FOREST LAKE SCHOOL	3	Nondonor
TX	1042776	WILLIS ISD	TURNER ELEM.	4	Nondonor
TX	3052911	WYLIE ISD	P.M. AKIN ELEM.	4	Nondonor
UT	10003240	Washington District	Arrowhead School	4	Nondonor
UT	1068445	Weber District	Lakeview School	4	Nondonor
UT	1068641	Weber District	West Weber School	3	Nondonor
MI	4427175	West MI Academy of Environmental Science	West MI Academy of Environmental Science	4	Nondonor
NJ	690502	Woodbridge Twp	Matthew Jago Elementary School	3	Nondonor
IA	235724	Woodward-Granger CSD	Woodward-Granger Elementary School	3	Nondonor

Table 13: Matched Control Schools (CTRL Dataset)