

Exhibit A1- Absolute post minus pre change in fluency by gender, ethnic, grade & intervention - Westminster Avenue Elementary School -Venice, Ca

SD = stadard deviation, SEM = standard error of the mean

teacher confounded with class (intervention)

grade	gender	ethnic	# days pre to post		intervention			min	median	mean
			days chg	age	teacher	class	n			
2nd	F	hispanic	192	7,8	Angela Parris	R&R	7	4.5	28.5	32.0
2nd	F	hispanic	198	7,8	Tara Burgess	Control	8	1.0	15.3	17.3
2nd	F	non-hispanic	192	7,8	Angela Parris	R&R	1	19.5	19.5	19.5
2nd	F	non-hispanic	198	7,8	Tara Burgess	Control	2	19.0	25.5	25.5
2nd	M	hispanic	192	7,8	Angela Parris	R&R	6	21.0	31.5	33.2
2nd	M	hispanic	198	7,8	Tara Burgess	Control	4	3.0	14.5	15.0
2nd	M	non-hispanic	192	7,8	Angela Parris	R&R	5	21.0	35.5	44.5
2nd	M	non-hispanic	198	7,8	Tara Burgess	Control	6	7.5	13.3	15.2
adjusted overall means - adjusted by gender and ethnicity - 2nd grade										
overall-2nd	both	both	192	7,8	Angela Parris	R&R	19			32.3
overall-2nd	both	both	198	7,8	Tara Burgess	Control	20			18.2
grade	gender	ethnic	days chg	age	teacher	class	n	min	median	mean
5th	N/A	N/A	168	10,11	Evelyn Soo	R&R	20	28.5	46.3	49.6
5th	N/A	N/A	185	10,11	Todd Lesner	Control	20	-24.0	3.8	4.6

max	SD	SEMp	SEM	R&R vs control			mean			
				mean diff	SE	p value	pre	post	change	pct chg
59.5	18.7	5.3	7.1	14.8	7.3	0.0524	57.1	89.1	32.0	56.1%
44.0	12.4	5.0	4.4				96.7	113.9	17.3	17.8%
19.5	--	14.1	--	-6.0	17.3	0.7311	163.0	182.5	19.5	12.0%
32.0	9.2	10.0	6.5				93.3	118.8	25.5	27.3%
51.5	10.4	5.8	4.2	18.2	9.1	0.0552	79.9	113.1	33.2	41.5%
28.0	10.7	7.1	5.4				90.6	105.6	15.0	16.6%
72.5	21.1	6.3	9.4	29.3	8.6	0.0017	88.9	133.4	44.5	50.1%
26.0	7.4	5.8	3.0				117.8	133.0	15.2	12.9%
		4.3		14.1		0.0182				39.9%
		3.6								18.7%
max	SD	SEMp	SEM	mean diff		p value*	pre	post	change	pct chg
110.5	20.6	3.93	4.6	45.1		< 0.0001	66.7	116.3	49.6	74.4%
42.0	13.9	3.93	3.1				100.2	104.8	4.6	4.5%