Appendix Tables For

Local Overweighting and Underperformance: Evidence from Limited Partner Private Equity Investments

Appendix Table A1

Number of Investments by Investment Type and Limited Partner (LP) Type

The table presents the number of investments by type of LP and by type of investment. Percentages represent the percent of the total investments by the LP type in each row.

Limited Partner (LP) Type	Buyout	Venture	Real Estate	Other	Total	
Public Sector Pension Fund	3,773 32%	3,020 26%	1,894 16%	3,112 26%	11,799 100%	
Private Sector Pension Fund	425 38%	391 35%	87 8%	202 18%	1,105 100%	
Endowment	769 26%	1,180 40%	237 8%	776 26%	2,962 100%	
Private Institution	46 30		781 51%	59 4%	222 15%	1,524 100%
Public Institution	30 21	77 3	399 28%	178 12%	554 39%	1,438 100%
Foundation	715 24%	971 33%	271 9%	1,005 34%	2,962 100%	
Total	5,682 30%	5,562 30%	2,489 13%	5,095 27%	18,828	

Geographical Distribution of Investments

This table presents the geographical distribution of sample PE investments, by the state where the fund is headquartered. Nine states without PE investments are not shown: AK, HI, KS, MS, MT, ND, NV, SD, and WV. The first set of columns gives the total number of investments. The second set gives the total number of PE investments in the state by out-of-state LPs. The third set gives the number of PE investments by in-state LPs.

, and the second	Total		by Out-of-	State LPs	by In-State LPs		
State(GP)	(1)	(2)	(3)	(4)	(5)	(6)	
AL	2	0.01%	2	0.01%	0	0.00%	
AR	1	0.01%	0	0.00%	1	0.03%	
AZ	1	0.01%	0	0.00%	1	0.03%	
CA	4,865	25.84%	3,672	23.42%	1,193	37.87%	
CO	187	0.99%	152	0.97%	35	1.11%	
CT	1,307	6.94%	1,271	8.11%	36	1.14%	
DC	280	1.49%	277	1.77%	3	0.10%	
DE	3	0.02%	3	0.02%	0	0.00%	
FL	140	0.74%	138	0.88%	2	0.06%	
GA	38	0.20%	36	0.23%	2	0.06%	
IA	10	0.05%	8	0.05%	2	0.06%	
ID	7	0.04%	4	0.03%	3	0.10%	
IL	1,358	7.21%	1,075	6.86%	283	8.98%	
IN	27	0.14%	9	0.06%	18	0.57%	
KY	4	0.02%	1	0.01%	3	0.10%	
LA	2	0.01%	0	0.00%	2	0.06%	
MA	3,182	16.90%	2,776	17.71%	406	12.89%	
MD	175	0.93%	163	1.04%	12	0.38%	
ME	5	0.03%	5	0.03%	0	0.00%	
MI	55	0.29%	40	0.26%	15	0.48%	
MN	148	0.79%	107	0.68%	41	1.30%	
MO	18	0.10%	9	0.06%	9	0.29%	
NC	89	0.47%	57	0.36%	32	1.02%	
NE	8	0.04%	4	0.03%	4	0.13%	
NH	10	0.05%	8	0.05%	2	0.06%	
NJ	253	1.34%	245	1.56%	8	0.25%	
NM	3	0.02%	2	0.01%	1	0.03%	
NY	4,400	23.37%	3,853	24.58%	547	17.37%	
ОН	293	1.56%	172	1.10%	121	3.84%	
OK	27	0.14%	27	0.17%	0	0.00%	
OR	22	0.12%	15	0.10%	7	0.22%	
PA	307	1.63%	163	1.04%	144	4.57%	
RI	153	0.81%	142	0.91%	11	0.35%	
SC	1	0.01%	0	0.00%	1	0.03%	
TN	42	0.22%	36	0.23%	6	0.19%	
TX	1,087	5.77%	938	5.98%	149	4.73%	
UT	9	0.05%	7	0.04%	2	0.06%	
VA	124	0.66%	117	0.75%	7	0.22%	
VT	9	0.05%	9	0.06%	0	0.00%	
WA	154	0.82%	129	0.82%	25	0.79%	
WI	21	0.11%	5	0.03%	16	0.51%	
WY	1	0.01%	1	0.01%	0	0.00%	
Total	18,828	100.00%	15,678	100.00%	3,150	100.00%	
Mean	10,020	1.96%	15,070	1.96%	3,130	1.96%	
Median		0.10%		0.06%		0.10%	
171001011		0.10/0		0.00/0		0.1070	

Geographical Distribution of Investments by Capital Committed

This table presents the geographical distribution of capital committed to PE investments, by the state where the fund is headquartered. Nine states without PE investments are not shown: AK, HI, KS, MS, MT, ND, NV, SD, and WV. Four states without known commitments are not shown: AL, AR, NM, and WY. The first set of columns gives the total dollar value of investments. The second set gives the total dollar value of PE investments in the state by out-of-state LPs. The third set gives the dollar value of PE investments by in-state LPs.

	Total		by Out-of-	State LPs	by In-State LPs		
State(GP)	(1)	(2)	(3)	(4)	(5)	(6)	
AZ	22	0.0%	0	0.0%	22	0.0%	
CA	97,541	19.6%	64,551	14.8%	32,990	54.4%	
CO	3,114	0.6%	2,647	0.6%	467	0.8%	
CT	28,943	5.8%	26,684	6.1%	2,259	3.7%	
DC	16,103	3.2%	16,067	3.7%	35	0.1%	
DE	13	0.0%	13	0.0%	0	0.0%	
FL	1,258	0.3%	1,243	0.3%	15	0.0%	
GA	528	0.1%	528	0.1%	0	0.0%	
IA	389	0.1%	379	0.1%	10	0.0%	
ID	60	0.0%	32	0.0%	28	0.0%	
IL	22,395	4.5%	19,007	4.4%	3,388	5.6%	
IN	161	0.0%	114	0.0%	47	0.1%	
KY	24	0.0%	0	0.0%	24	0.0%	
LA	11	0.0%	0	0.0%	11	0.0%	
MA	50,952	10.3%	49,185	11.3%	1,767	2.9%	
MD	2,714	0.5%	2,566	0.6%	148	0.2%	
ME	4	0.0%	4	0.0%	0	0.0%	
MI	715	0.1%	490	0.1%	225	0.4%	
MN	7,267	1.5%	6,148	1.4%	1,119	1.8%	
MO	47	0.0%	35	0.0%	12	0.0%	
NC	2,102	0.4%	1,397	0.3%	705	1.2%	
NE	310	0.1%	290	0.1%	20	0.0%	
NH	42	0.0%	28	0.0%	14	0.0%	
NJ	6,023	1.2%	5,773	1.3%	250	0.4%	
NY	189,079	38.1%	183,127	42.0%	5,952	9.8%	
OH	3,228	0.6%	1,812	0.4%	1,416	2.3%	
OK	141	0.0%	141	0.0%	0	0.0%	
OR	791	0.2%	644	0.1%	147	0.2%	
PA	8,081	1.6%	4,381	1.0%	3,700	6.1%	
RI	7,469	1.5%	7,323	1.7%	146	0.2%	
SC	20	0.0%	0	0.0%	20	0.0%	
TN	194	0.0%	194	0.0%	0	0.0%	
TX	42,502	8.6%	37,862	8.7%	4,640	7.6%	
UT	50	0.0%	45	0.0%	5	0.0%	
VA	2,923	0.6%	2,514	0.6%	409	0.7%	
VT	130	0.0%	130	0.0%	0	0.0%	
WA	1,181	0.2%	813	0.2%	368	0.6%	
WI	390	0.1%	95	0.0%	295	0.5%	
Total	496,917	100%	436,262	100%	60,654	100%	
mean		2.56%		2.56%		2.56%	
median		0.14%		0.12%		0.08%	

Overweighting by LPs of In-State Investments, Pooled Across Time

The table presents the share of in-state investments by LPs located in each state and the equal-weighted and valued-weighted home bias of the portfolios of LPs located in each state. Column (1) is the percentage of in-state investments made by LPs that are located in the state. Column (2) presents the overweighting relative to all investments, calculated as the percent of in-state investments in column (1) of this table minus the state's share of all investments by all LPs in the full sample (pooled over time). Column (3) presents the overweighting relative to all out-of-state investments, calculated as the percent of in-state investments in column (1) of this table minus the state's share of all investments by out-of-state LPs in the full sample (also pooled over time). Columns (4), (5) and (6) repeat the exercises in columns (2), (3) and (4), value-weighting the investments by the dollar value of capital committed to the fund by the LP, and including only investments for which the capital committed by the LP is known. WY has no LPs in our sample. Nine states without PE investments are not shown: AK, HI, KS, MS, MT, ND, NV, SD, and WV. For three states (AL, AR, and NM), we have no investments with known commitment amount data.

	Eq	ual Weighted		Value Weighted			
	Investments	Home Bias	s, % of	Investments	Home B	ias, % of	
	by LPs	Portfolio, Re	lative to	by LPs	Portfolio,	Relative to	
		(Out-of-State				
	% in state	All LPs	LPs	% in state	All LPs	Out-of-State LP	
State(LP)	(1)	(2)	(3)	(4)	(5)	(6)	
AL	0.0%	0.0%	0.0%				
AR	2.9%	2.9%	2.9%				
AZ	1.0%	1.0%	1.0%	0.6%	0.6%		
CA	35.1%	9.3%	11.7%	25.0%	5.3%		
CO	7.9%	6.9%	6.9%	4.5%	3.9%	3.9%	
CT	10.4%	3.5%	2.3%	28.7%	22.9%	22.6%	
DC	3.6%	2.1%	1.8%	22.1%	18.9%	18.5%	
DE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
FL	0.7%	0.0%	-0.1%	0.1%	-0.2%	-0.2%	
GA	2.5%	2.3%	2.3%	0.0%	-0.1%	-0.1%	
IA	0.9%	0.9%	0.9%	0.2%	0.1%	0.1%	
ID	3.1%	3.1%	3.1%	1.3%	1.3%	1.3%	
IL	18.7%	11.5%	11.8%	21.8%	17.3%	17.4%	
IN	5.2%	5.0%	5.1%	0.8%	0.7%	0.8%	
KY	3.3%	3.3%	3.3%	0.9%	0.9%	0.9%	
LA	0.8%	0.8%	0.8%	0.1%	0.1%	0.1%	
MA	41.5%	24.6%	23.8%	26.3%	16.1%	15.1%	
MD	3.3%	2.4%	2.3%	2.7%	2.2%	2.1%	
ME	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
MI	1.4%	1.1%	1.1%	0.9%	0.7%	0.7%	
MN	9.7%	8.9%	9.0%	8.6%	7.1%	7.2%	
MO	2.3%	2.2%	2.2%	0.3%	0.3%	0.3%	
NC	6.9%	6.4%	6.5%	7.2%	6.8%	6.9%	
NE	8.0%	8.0%	8.0%	3.1%	3.0%	3.0%	
NH	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	
NJ	2.8%	1.4%	1.2%	2.8%	1.6%		
NM	1.3%	1.3%	1.3%				
NY	28.0%	4.6%	3.4%	40.0%	1.9%	-2.0%	
ОН	19.8%	18.2%	18.7%	7.3%	6.7%		
OK	0.0%	-0.1%	-0.2%	0.0%	0.0%		
OR	2.2%	2.0%	2.1%	0.5%	0.3%		
PA	13.2%	11.5%	12.1%	8.7%	7.1%		
RI	8.6%	7.8%	7.7%	9.7%	8.2%		

SC	3.6%	3.6%	3.6%	1.4%	1.4%	1.4%
TN	12.8%	12.5%	12.5%	0.0%	0.0%	0.0%
TX	17.2%	11.4%	11.2%	14.2%	5.6%	5.5%
UT	2.9%	2.9%	2.9%	6.5%	6.5%	6.5%
VA	2.0%	1.3%	1.3%	3.7%	3.1%	3.1%
VT	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
WA	4.6%	3.8%	3.7%	1.2%	0.9%	1.0%
WI	3.8%	3.7%	3.8%	2.1%	2.0%	2.1%
Mean	5.76%	3.80%	3.80%	6.72%	4.09%	4.09%
Median	2.53%	2.13%	2.06%	2.08%	1.74%	1.42%

Overweighting Multiple Using 5-Year Rolling Benchmarks

The table presents the equal-weighted and valued-weighted home bias of the portfolios of LPs located in each state as in Table 5, but calculating overweighting as a multiple of the benchmark instead of as a difference. Multiples greater than one indicate overweighting. The unit of observation is [LP x vintage]. A multiple relative to out-of-state LP investments can only be calculated if there are out-of-state LP investments during the five years leading up to the year of observation. There are therefore two sets of observation counts: one for all [LP x vintage] observations in which there was an investment, and one for only those observations in which the out-of-state benchmark is nonzero.

	Equ	ual Weighted		Value Weighted				
	LP x Vintage	Home Bias	s Multiple,	LP x Vintage	Home Bias	Multiple,		
	Count	Relat		Count	Relati	_		
	All / Nonzero		Out-of-	All / Nonzero		Out-of-		
G. (I.D)	Out	All LPs	State LPs	Out	All LPs	State LPs		
State(LP)	(1)	(2)	(3)	(4)	(5)	(6)		
AL	1 / 1	0.0	0.0					
AR	2 / 0	1679.4		10 / 0	co1 2			
AZ	13 / 0	252.1	1.5	10 / 0	681.3	2.7		
CA	548 / 548	1.5	1.6	339 / 337	2.0	2.7		
CO	124 / 122	10.0	12.0	88 / 76	16.2	45.3		
CT	96 / 96	1.5	1.3	33 / 33	4.5	4.6		
DC	58 / 58	1.3	1.1	5 / 5	0.9	0.8		
DE	4 / 4	0.0	0.0	4 / 4	0.0	0.0		
FL	51 / 51	2.7	2.5	23 / 23	0.5	0.6		
GA	48 / 48	13.1	12.2	6 / 6	0.0	0.0		
IA	34 / 32	4.7	2.9	18 / 16	7.5	7.6		
ID	12 / 12	99.1	145.9	12 / 12	83.7	143.0		
IL	318 / 318	4.1	4.3	167 / 167	6.8	8.6		
IN	81 / 67	68.9	148.6	37 / 28	452.4	1028.6		
KY	29 / 16	301.7	300.4	27 / 0	1985.9			
LA	16 / 0	309.9		14 / 0	784.4			
MA	394 / 394	2.8	2.7	143 / 143	4.0	3.7		
MD	102 / 102	5.6	5.2	47 / 47	10.2	12.6		
ME	5 / 5	0.0	0.0	0 / 0				
MI	153 / 153	5.8	8.3	52 / 52	2.4	3.7		
MN	123 / 118	16.3	23.2	50 / 41	29.5	40.3		
MO	92 / 52	90.0	152.4	24 / 19	334.1	500.9		
NE	15 / 4	252.6	106.1	7 / 4	3775.2	7.3		
NH	28 / 25	71.8	8.0	17 / 14	713.3	104.7		
NJ	52 / 52	2.2	1.9	15 / 15	0.7	0.6		
NM	14 / 14	215.5	268.2					
NY	553 / 553	1.2	1.2	61 / 61	1.0	0.9		
OH	180 / 180	18.2	38.2	127 / 117	39.8	100.7		
OK	24 / 24	0.0	0.0	11 / 11	0.0	0.0		
OR	35 / 35	48.1	66.3	22 / 22	79.6	143.3		
PA	214 / 202	10.5	19.7	76 / 67	20.4	53.6		
RI	33 / 33	15.4	14.7	18 / 18	13.8	12.6		
TN	28 / 28	69.6	76.9	5 / 5	0.0	0.0		
TX	236 / 236	3.4	3.3	161 / 159	6.8	8.4		
UT	11 / 11	171.6	194.9	7 / 7	763.4	760.2		
VA	67 / 67	1.2	1.2	32 / 32	3.1	3.5		
VT	9 / 9	0.0	0.0	5 / 5	0.0	0.0		
WA	101 / 97	5.1	5.6	54 / 50	36.2	72.0		
WI	72 / 24	46.3	67.2	42 / 16	12.1	77.3		
	= .		~ · · –	, = 0				

Home-State Overweighting Multiples, Overall and by LP Type

The table presents overweighting multiples of in-state investments, overall and by LP type, where the LP's in-state overweighting each year is calculated versus benchmarks based on the prior five years of investments. It is analogous to Table 6 but calculates overweighting as a multiple rather than a difference. The difference is taken with respect to the first benchmark so as not to lose [LP x vintage] observations with no out-of-state LP investors.

				Excess	over	
				Baseline	1: Share	Difference
		In-S	tate	of Investr	nents in	with Public
		Invest	ments	State by .	All LPs	Pension
Sample	N	mean	std err	mean	std err	
At Investment Level						
All	18,828	0.167	0.003			
States with PE	17,023	0.185	0.003	10.3	0.4***	
By LP Type						
Public Sector Pension	10,356	0.210	0.004	9.6	0.4***	
Private Sector Pension	1,057	0.184	0.012	5.4	0.8***	-4.2***
Endowment	2,796	0.135	0.006	13.8	1.1***	4.3***
Public Institution	1,305	0.087	0.008	20.8	2.0***	11.2***
Private Institution	1,491	0.177	0.010	7.7	1.0***	-1.8*
Foundation	2,814	0.144	0.007	11.2	1.5***	1.6
At LP-Year Level						
All	4,589	0.199	0.004			
States with PE	4,426	0.225	0.005	18.1	2.0***	
By LP Type						
Public Sector Pension	1,943	0.277	0.007	19.6	3.1***	
Private Sector Pension	445	0.187	0.013	8.4	2.0***	-11.2*
Endowment	995	0.163	0.009	20.3	4.7***	0.7
Public Institution	400	0.110	0.010	43.7	12.2***	24.1***
Private Institution	595	0.195	0.012	6.2	1.8***	-13.4**
Foundation	1,043	0.205	0.010	17.7	4.3***	-1.8

Appendix Table A7

In-State Overweighting by Investment Type and Time Period
The table presents overweighting of in-state investments, overall and by investment type, where the in-state overweighting each year is calculated versus benchmarks based on the prior five years of investments. The unit of observation in the top panel is the investment. *** significant at the 1% level, ** significant at the 5% level, * significant at the 10% level.

			nvestments	Share of Inve	Excess over Baseline 1: Share of Investments in State by All LPs		Excess over Baseline 2: Share of Investments in State by Out-of-State LPs		
Sample	N	mean std err		mean std err		mean st	mean std err		
By Investment			_						
Buyout	5,241	0.150	0.005	0.051	0.005***	0.054	0.005***		
Public Pension	3,361	0.139	0.006	0.053	0.006***	0.058	0.006***		
Private Pension	422	0.230		0.053	0.018***	0.052	0.018***	-0.006	
Endowment	754	0.138		0.062	0.012***	0.062	0.012***	0.004	
Foundation	704	0.163	5 0.014	0.028	0.013**	0.031	0.013**	-0.027	
Venture	5,331	0.239	9 0.006	0.115	0.005***	0.116	0.005***		
Public Pension	2,801	0.320	0.009	0.150	0.008***	0.154	0.008***		
Private Pension	391	0.113	3 0.016	0.051	0.013***	0.049	0.013***	-0.105***	
Endowment	1,177	0.164	4 0.011	0.088	0.010***	0.088	0.010***	-0.066***	
Foundation	962	0.146	6 0.011	0.068	0.009***	0.069	0.009***	-0.085***	
Real Estate	1,787	0.252	2 0.010	0.127	0.010***	0.132	0.010***		
Public Pension	1,399	0.274	4 0.012	0.149	0.011***	0.156	0.012***		
Private Pension	63	0.286	6 0.057	0.110	0.052**	0.105	0.052**	-0.051	
Endowment	97	0.113	3 0.032	0.048	0.030	0.048	0.031	-0.108**	
Foundation	228	0.162	2 0.024	0.028	0.024	0.028	0.024	-0.128***	
Other	4,500	0.143	3 0.005	0.061	0.005***	0.065	0.005***		
Public Pension	2,718	0.15	7 0.007	0.072	0.007***	0.078	0.007***		
Private Pension	194	0.180	0.028	0.069	0.024***	0.067	0.024***	-0.011	
Endowment	686	0.102	2 0.012	0.058	0.011***	0.059	0.011***	-0.019	
Foundation	902	0.124	4 0.011	0.028	0.010***	0.030	0.010***	-0.048***	
By Time Period									
1980s	694	0.210	6 0.016	0.125	0.015***	0.125	0.015***		
1990s	5006	0.18	7 0.006	0.097	0.005***	0.098	0.005***		
2000s	11,694	0.173	3 0.004	0.113	0.003***	0.117	0.003***		
				A-9					

Appendix Table A8

Neighbor-State Overweighting Overall, by LP Type, and by Investment Type

The table presents overweighting of neighbor-state investments, overall and by LP type, where the LP's neighbor-state overweighting each year is calculated versus benchmarks based on the prior five years of investments. The unit of observation in the top panel is the investment, and in the bottom panel it is the LP-year. The first row of each panel shows statistics for the in-state investment indicator over all observations. The second row shows statistics for the observations for which funds exist in the state of the LP.

for which funds exist in the state of the Li .		Neighbor-State Investments		Excess over Ba Share of Invest Neighbor by	tments in	Excess over Bas Share of Investr Neighbor by Out LPs	Difference with Public Pension	
Sample	N	mean	std err	mean	std err	mean	std err	
At Investment Level								
All	18,828	0.097	0.002					
States with PE	18,102	0.099	0.002	0.018	0.001***	0.008	0.001***	
By LP Type								
Public Sector Pension	11,167	0.087	0.003	0.000	0.001	-0.011	0.002***	
Private Sector Pension	1,105	0.129	0.010	0.041	0.005***	0.029	0.005***	0.040***
Endowment	2,933	0.092	0.005	0.042	0.003***	0.035	0.003***	0.046***
Public Institution	1,410	0.042	0.005	0.028	0.003***	0.027	0.003***	0.038***
Private Institution	1,523	0.139	0.009	0.054	0.005***	0.043	0.005***	0.054***
Foundation	2,890	0.140	0.006	0.055	0.003***	0.044	0.003***	0.055***
At LP-Year Level								
All	4,589	0.109	0.003					
States with PE	4,426	0.109	0.003	0.037	0.003***	0.027	0.003***	
200003 (101112	.,0	0.10)	0.002	0.007	0.002	0.027	0.002	
By LP Type								
Public Sector Pension	1,943	0.084	0.004	0.010	0.004**	0.000	0.004	
Private Sector Pension	445	0.144	0.012	0.063	0.012***	0.052	0.012***	0.052***
Endowment	995	0.126	0.008	0.072	0.008***	0.064	0.008***	0.064***
Public Institution	400	0.059	0.008	0.047	0.008***	0.045	0.008***	0.045***
Private Institution	595	0.171	0.011	0.088	0.012***	0.077	0.012***	0.077***
Foundation	1,043	0.126	0.007	0.042	0.007***	0.030	0.007***	0.030***

Net IRR Differences, Weighted by Size of Commitment

This table is analogous to a value-weighted version of Table 8. It shows t-tests of differences in net IRR between in-state and out-of-state investments, where the means are weighted by the size of the LP's commitment. The left panel analyzes the raw IRR, and the right panel examines the IRR minus the mean of all other observations in the same state and vintage of the investment fund (the GP). For some LP types, including private pensions and private endowments, the joint coverage of net IRR and LP commitment size would result in extremely small sample sizes, and hence these LP types are not shown.

				IRR	Net of Gro	up Means				
Group:	State	e x Vintag	ge	State x Vi	ntage x Bro	oad Type	State x Vin	State x Vintage x Narrow Type		
	Out of State	In State	Difference	Out of State	In State	Difference	Out of State	In State	Difference	
All	-0.89	-4.42	3.54***	-0.30	-1.74	1.44***	-0.39	-1.17	0.78*	
	7390	1431	t=5.8	7390	1431	t=3.1	7390	1431	t=1.8	
Public Pension	-0.92	-4.62	3.70***	-0.27	-1.78	3 1.51***	-0.36	-1.18	0.83*	
	6663	1342	t=5.8	6663	1342	t=3.2	6663	1342	t=1.8	
Endowment	1.07	3.47	-2.40	0.02	0.25	-0.24	-0.38	-0.00	-0.37	
	688	75	t = -0.8	688	75	t = -0.0	688	75	t = -0.1	
Public Endowment	1.11	3.47	-2.36	-0.01	0.25	-0.27	-0.42	-0.00	-0.41	
	673	75	t = -0.8	673	75	t = -0.1	673	75	t = -0.1	
Foundation	0.14	-0.16	0.29	-2.35	-7.02	4.67	-2.79	-6.95	4.16	
	61	14	t=0.0	61	14	t=1.12	61	14	t=1.5	
Non Public Pension	-0.10	3.24	-3.34	-1.07	-0.21	-0.86	-1.31	-0.44	-0.86	
	757	89	t=-1.2	757	89	t=-0.3	757	89	t = -0.4	