

## APPENDIX

**Table A1: Time- and Participation-Effects by Cohort: Repeated Measure**

### ANOVA

Cohorts	Variables	Time Effect			Participation Effect		
		(Control & Treatment-group)			(Group*Time Effect)		
		F	p	$\eta^2$	F	p	$\eta^2$
<b>All cohorts (1, 2, 3, 4, and 5): Version of originally submitted manuscript (N=236)</b>							
	Self-Efficacy	1.377	.242	.006	.376	.540	.002
	Empathic Concern	2.647	.105	.011	6.772	.010	.028
	Generalized Trust	17.699	.000	.070	.331	.566	.001
	Poverty External	3.211	.074	.014	.000	.997	.000
	Poverty Internal	.878	.350	.004	2.930	.088	.013
<b>All cohorts with a corresponding control group (1 and 5) (N=172)</b>							
	Self-Efficacy	2.198	.140	.013	1.049	.307	.006
	Empathic Concern	.297	.587	.002	1.745	.188	.010
	Generalized Trust	12.896	.000	.071	.182	.670	.001
	Poverty External	5.274	.023	.031	.818	.367	.005
	Poverty Internal	1.533	.217	.009	3.410	.067	.020
<b>Cohort 1: Version of currently submitted manuscript (N=138)</b>							
	Self-Efficacy	1.001	.329	.007	.273	.602	.002
	Empathic Concern	.076	.783	.007	.382	.537	.003
	Generalized Trust	14.449	.000	.096	.003	.959	.000
	Poverty External	2.148	.145	.016	.394	.531	.003
	Poverty Internal	.163	.687	.001	2.319	.130	.017

**Table A2: Descriptives of Treatment and Control Group by Cohort**

Cohort	Variables	Treatment Group					Control Group				
		N	min	max	M	SD	N	min	max	M	SD
Cohort 1 Fall 2011	Self_Efficacy_t1	39	1.80	4.90	3.8128	.65902	96	2.50	5.00	3.6604	.50419
	Self_Efficacy_t2	40	2.50	4.80	3.8825	.62260	98	2.70	4.90	3.6765	.51228
	Empathy_t1	40	2.00	5.00	4.0875	.73935	97	1.75	5.00	3.7964	.73716
	Empathy_t2	40	3.00	5.00	4.0688	.49351	98	1.25	5.00	3.8571	.78155
	Trust_t1	40	1.00	5.00	2.9750	.97369	98	1.00	5.00	2.4286	1.03545
	Trust_t2	40	2.00	5.00	3.3000	.93918	98	1.00	5.00	2.7449	1.04843
	Poverty_External_t1	39	2.25	5.00	3.6603	.61099	93	1.75	5.00	3.2339	.67848
	Poverty_External_t2	40	1.75	5.00	3.5563	.72829	98	1.50	4.75	3.1862	.73333
	Poverty_Internal_t1	39	1.00	4.00	2.1474	.66322	94	1.00	4.50	2.7181	.83460
Poverty_Internal_t2	40	1.00	4.50	2.3313	.87594	98	1.00	4.25	2.6403	.77165	
Cohort 2 Spring 2012	Self_Efficacy_t1	16	3.10	4.70	3.8563	.50195					
	Self_Efficacy_t2	16	3.00	5.00	3.7563	.50328					
	Empathy_t1	16	2.75	5.00	4.1563	.67623					
	Empathy_t2	16	3.25	5.00	4.0781	.54558					
	Trust_t1	16	1.00	4.00	2.7500	1.06458					
	Trust_t2	16	2.00	5.00	3.2500	.85635					
	Poverty_External_t1	15	2.50	5.00	3.8333	.59512					
	Poverty_External_t2	16	2.50	5.00	3.7031	.72006					
	Poverty_Internal_t1	16	1.00	3.25	2.1406	.68294					
Poverty_Internal_t2	16	1.25	3.50	2.1250	.63901						
Cohort 3 Fall 2012	Self_Efficacy_t1	22	2.50	4.40	3.5182	.49052					
	Self_Efficacy_t2	24	2.60	4.50	3.5417	.55944					
	Empathy_t1	24	3.00	5.00	4.2604	.56856					
	Empathy_t2	24	3.25	5.00	4.1250	.57578					
	Trust_t1	24	1.00	5.00	3.0417	.85867					
	Trust_t2	24	2.00	5.00	3.1250	.99181					
	Poverty_External_t1	24	2.50	4.75	3.8229	.54911					
	Poverty_External_t2	24	3.00	5.00	3.8958	.62082					
	Poverty_Internal_t1	24	1.00	3.25	1.8646	.65516					
Poverty_Internal_t2	24	1.00	3.50	1.8958	.65904						
Cohort 4 Spring 2013	Self_Efficacy_t1	24	3.10	4.90	3.7083	.39882					
	Self_Efficacy_t2	24	3.10	4.40	3.7333	.39195					
	Empathy_t1	24	3.50	5.00	4.3854	.48330					
	Empathy_t2	24	3.00	5.00	3.9479	.41689					
	Trust_t1	24	1.00	5.00	3.1667	1.00722					
	Trust_t2	24	2.00	5.00	3.2917	.69025					
	Poverty_External_t1	23	2.25	4.50	3.5000	.60772					
	Poverty_External_t2	24	2.50	4.75	3.6042	.49408					
	Poverty_Internal_t1	23	1.25	2.75	2.0435	.41046					
Poverty_Internal_t2	24	1.25	3.75	2.1979	.65100						
Cohort 5 Fall 2013	Self_Efficacy_t1	23	2.90	4.60	3.7304	.45371	10	2.60	4.40	3.6200	.57310
	Self_Efficacy_t2	24	2.70	4.80	3.7958	.54810	10	2.70	4.50	3.6000	.52068
	Empathy_t1	24	3.25	5.00	4.2708	.51031	10	2.50	4.75	4.0750	.66719
	Empathy_t2	24	2.50	5.00	4.0625	.63951	10	2.50	4.75	4.0000	.60093
	Trust_t1	24	2.00	5.00	3.1250	.99181	10	2.00	4.00	2.9000	.87560
	Trust_t2	24	1.00	5.00	3.1667	.96309	10	1.00	4.00	2.8000	1.03280
	Poverty_External_t1	24	1.75	4.75	3.7396	.66135	10	3.00	4.00	3.4750	.41583
	Poverty_External_t2	24	2.00	4.75	3.5000	.78366	10	2.25	4.50	3.2000	.64334
	Poverty_Internal_t1	24	1.00	3.75	1.9271	.68951	10	1.50	3.25	2.0500	.49721
Poverty_Internal_t2	24	1.00	4.00	2.1667	.78942	10	1.75	3.00	2.4000	.47434	

Notes: Decrease in empathic concern in all five cohorts (except in control group in cohort 1), Increase in attributions for poverty in all five cohorts (except treatment group in cohort 2 and control group in cohort 1)

**Table A3: Correlation Table (overall sample)**

Correlations Treatment-Group and Control-Group (N=138)																					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Group	1	-.027	-.048	-.010	-.197*	.011	-.174*	.080	-.084	-.074	.125	.170*	.178*	.135	.238**	.242**	.285**	.225**	-.315**	-.173*
2	Gender	-.027	1	-.122	-.177*	-.067	.054	-.181*	-.205*	-.188*	-.179*	-.388**	-.259**	.369**	.368**	.066	.014	.088	.132	-.074	-.112
3	Age	-.048	-.122	1	.249**	-.217*	.266**	.152	-.062	-.043	-.244**	.127	.130	.029	.039	.020	-.051	.091	.108	-.136	-.022
4	Born abroad	-.010	-.177*	.249**	1	.002	.024	.255**	.085	.170*	-.018	.030	-.071	-.109	-.154	-.046	-.099	-.046	-.199*	.216*	.109
5	Currently volunteering	-.197*	-.067	-.217*	.002	1	-.113	-.112	.064	.049	.158	.053	.015	-.048	-.047	.072	.110	-.165	-.247**	.145	.019
6	Employed	.011	.054	.266**	.024	-.113	1	-.082	.040	-.253**	-.342**	-.065	-.012	.074	.092	.089	-.005	.161	.170*	-.044	-.060
7	Residence during childhood (number of inhabitants)	-.174*	-.181*	.152	.255**	-.112	-.082	1	.153	.305**	-.033	-.012	-.064	.013	-.088	-.139	-.037	.121	-.038	.057	.064
8	Mother's highest education	.080	-.205*	-.062	.085	.064	.040	.153	1	.330**	.322**	.101	.135	.020	-.061	.017	.068	.112	.076	.007	-.103
9	Father's highest education	-.084	-.188*	-.043	.170*	.049	-.253**	.305**	.330**	1	.463**	-.048	.077	-.084	-.163	-.098	-.031	-.146	-.227**	.140	.151
10	Family income during childhood	-.074	-.179*	-.244**	-.018	.158	-.342**	-.033	.322**	.463**	1	.015	.091	-.101	-.147	-.011	.005	-.143	-.108	-.019	.034
11	Self_Efficacy_t1	.125	-.388**	.127	.030	.053	-.065	-.012	.101	-.048	.015	1	.754**	-.034	-.061	.114	.167	-.007	-.019	-.017	-.001
12	Self_Efficacy_t2	.170*	-.259**	.130	-.071	.015	-.012	-.064	.135	.077	.091	.754**	1	-.045	-.090	.073	.165	-.026	.055	-.131	-.061
13	Empathic Concern_t1	.178*	.369**	.029	-.109	-.048	.074	.013	.020	-.084	-.101	-.034	-.045	1	.683**	.224**	.170*	.383**	.242**	-.440**	-.394**
14	Empathic Concern_t2	.135	.368**	.039	-.154	-.047	.092	-.088	-.061	-.163	-.147	-.061	-.090	.683**	1	.243**	.229**	.390**	.374**	-.337**	-.399**
15	Generalized Trust_t1	.238**	.066	.020	-.046	.072	.089	-.139	.017	-.098	-.011	.114	.073	.224**	.243**	1	.632**	.195*	.072	-.298**	-.345**
16	Generalized Trust_t2	.242**	.014	-.051	-.099	.110	-.005	-.037	.068	-.031	.005	.167	.165	.170*	.229**	.632**	1	.239**	.087	-.189*	-.284**
17	Poverty_External_t1	.285**	.088	.091	-.046	-.165	.161	.121	.112	-.146	-.143	-.007	-.026	.383**	.390**	.195*	.239**	1	.514**	-.402**	-.385**
18	Poverty_External_t2	.225**	.132	.108	-.199*	-.247**	.170*	-.038	.076	-.227**	-.108	-.019	.055	.242**	.374**	.072	.087	.514**	1	-.418**	-.394**
19	Poverty_Internal_t1	-.315**	-.074	-.136	.216*	.145	-.044	.057	.007	.140	-.019	-.017	-.131	-.440**	-.337**	-.298**	-.189*	-.402**	-.418**	1	.632**
20	Poverty_Internal_t2	-.173*	-.112	-.022	.109	.019	-.060	.064	-.103	.151	.034	-.001	-.061	-.394**	-.399**	-.345**	-.284**	-.385**	-.394**	.632**	1

**Table A4: Correlation Table (treatment group, n=40)**

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Gender	1	.005	-.133	.156	.129	-.435**	-.020	.096	-.153	-.253	-.085	.103	.078	-.029	.100	-.273	.027	.172	-.122
2	Age	.005	1	.253	-.227	.389*	.185	-.260	.022	-.390*	-.143	-.052	.030	-.203	.080	.047	-.067	.069	-.065	.046
3	Born abroad	-.133	.253	1	-.046	-.010	.270	-.247	-.079	-.329*	-.001	-.160	-.126	-.322*	-.048	-.239	-.070	-.292	.318*	-.016
4	Currently volunteering	.156	-.227	-.046	1	.096	-.451**	.137	-.155	.173	.114	.014	.225	.262	.074	-.251	-.276	-.240	.003	-.147
5	Employed	.129	.389*	-.010	.096	1	.114	.074	-.019	-.448**	.056	.128	.156	-.121	.037	.109	.075	-.076	-.090	.003
6	Residence during childhood (number of inhabitants)	-.435**	.185	.270	-.451**	.114	1	-.062	.162	-.311	-.061	-.129	-.030	-.182	-.072	.021	.456**	.071	-.215	.019
7	Mother's highest education	-.020	-.260	-.247	.137	.074	-.062	1	.396*	.372*	.215	.163	.178	.148	.389*	.166	.305	.240	-.292	-.194
8	Father's highest education	.096	.022	-.079	-.155	-.019	.162	.396*	1	.280	-.270	-.131	-.058	-.137	-.066	-.286	.106	.166	-.132	.072
9	Family income during childhood	-.153	-.390*	-.329*	.173	-.448**	-.311	.372*	.280	1	.055	.120	.114	.147	-.024	-.178	-.008	.126	-.119	.060
10	Self_Efficacy_t1	-.253	-.143	-.001	.114	.056	-.061	.215	-.270	.055	1	.770**	.171	.192	.511**	.473**	.093	-.115	-.084	-.009
11	Self_Efficacy_t2	-.085	-.052	-.160	.014	.128	-.129	.163	-.131	.120	.770**	1	.048	-.013	.376*	.452**	-.051	-.070	-.143	-.022
12	Empathic Concern_t1	.103	.030	-.126	.225	.156	-.030	.178	-.058	.114	.171	.048	1	.532**	.119	.100	.262	.074	-.418**	-.259
13	Empathic Concern_t2	.078	-.203	-.322*	.262	-.121	-.182	.148	-.137	.147	.192	-.013	.532**	1	.110	.245	.284	.364*	-.460**	-.480**
14	Generalized Trust_t1	-.029	.080	-.048	.074	.037	-.072	.389*	-.066	-.024	.511**	.376*	.119	.110	1	.569**	.120	.047	-.204	-.200
15	Generalized Trust_t2	.100	.047	-.239	-.251	.109	.021	.166	-.286	-.178	.473**	.452**	.100	.245	.569**	1	.333*	.190	-.210	-.256
16	Poverty_External_t1	-.273	-.067	-.070	-.276	.075	.456**	.305	.106	-.008	.093	-.051	.262	.284	.120	.333*	1	.378*	-.377*	-.312
17	Poverty_External_t2	.027	.069	-.292	-.240	-.076	.071	.240	.166	.126	-.115	-.070	.074	.364*	.047	.190	.378*	1	-.339*	-.281
18	Poverty_Internal_t1	.172	-.065	.318*	.003	-.090	-.215	-.292	-.132	-.119	-.084	-.143	-.418**	-.460**	-.204	-.210	-.377*	-.339*	1	.499**
19	Poverty_Internal_t2	-.122	.046	-.016	-.147	.003	.019	-.194	.072	.060	-.009	-.022	-.259	-.480**	-.200	-.256	-.312	-.281	.499**	1

**Table A5: Correlation Table (control group, n=98)**

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Gender	1	-.189	-.195	-.168	.022	-.105	-.285**	-.303**	-.193	-.464**	-.344**	.496**	.464**	.115	-.009	.255*	.190	-.165	-.118
2	Age	-.189	1	.248*	-.235*	.209*	.139	.043	-.079	-.172	.308**	.253*	.041	.124	.010	-.080	.196	.148	-.198	-.073
3	Born abroad	-.195	.248*	1	.019	.038	.256*	.228*	.265**	.113	.049	-.026	-.101	-.115	-.043	-.049	-.032	-.166	.193	.165
4	Currently volunteering	-.168	-.235*	.019	1	-.196	-.054	.058	.106	.136	.060	.068	-.111	-.092	.144	.314**	-.060	-.201*	.124	.044
5	Employed	.022	.209*	.038	-.196	1	-.139	.024	-.341**	-.299**	-.136	-.084	.038	.147	.108	-.050	.203	.271**	-.034	-.088
6	Residence during childhood (number of inhabitants)	-.105	.139	.256*	-.054	-.139	1	.246*	.335**	.041	.039	.002	.075	-.041	-.112	.000	.096	-.019	.043	.038
7	Mother's highest education	-.285**	.043	.228*	.058	.024	.246*	1	.315**	.309**	.028	.104	-.068	-.135	-.159	.007	.007	-.018	.159	-.038
8	Father's highest education	-.303**	-.079	.265**	.106	-.341**	.335**	.315**	1	.531**	.082	.200	-.073	-.159	-.086	.082	-.201	-.359**	.187	.170
9	Family income during childhood	-.193	-.172	.113	.136	-.299**	.041	.309**	.531**	1	.007	.095	-.174	-.218*	.018	.097	-.170	-.183	-.020	.002
10	Self_Efficacy_t1	-.464**	.308**	.049	.060	-.136	.039	.028	.082	.007	1	.738**	-.178	-.177	-.118	-.002	-.136	-.015	.080	.041
11	Self_Efficacy_t2	-.344**	.253*	-.026	.068	-.084	.002	.104	.200	.095	.738**	1	-.140	-.153	-.123	-.009	-.092	.060	-.061	-.039
12	Empathic Concern_t1	.496**	.041	-.101	-.111	.038	.075	-.068	-.073	-.174	-.178	-.140	1	.727**	.218*	.146	.387**	.266**	-.411**	-.430**
13	Empathic Concern_t2	.464**	.124	-.115	-.092	.147	-.041	-.135	-.159	-.218*	-.177	-.153	.727**	1	.248*	.197	.398**	.362**	-.284**	-.372**
14	Generalized Trust_t1	.115	.010	-.043	.144	.108	-.112	-.159	-.086	.018	-.118	-.123	.218*	.248*	1	.624**	.131	.009	-.249*	-.370**
15	Generalized Trust_t2	-.009	-.080	-.049	.314**	-.050	.000	.007	.082	.097	-.002	-.009	.146	.197	.624**	1	.127	-.021	-.092	-.255*
16	Poverty_External_t1	.255*	.196	-.032	-.060	.203	.096	.007	-.201	-.170	-.136	-.092	.387**	.398**	.131	.127	1	.522**	-.341**	-.383**
17	Poverty_External_t2	.190	.148	-.166	-.201*	.271**	-.019	-.018	-.359**	-.183	-.015	.060	.266**	.362**	.009	-.021	.522**	1	-.376**	-.411**
18	Poverty_Internal_t1	-.165	-.198	.193	.124	-.034	.043	.159	.187	-.020	.080	-.061	-.411**	-.284**	-.249*	-.092	-.341**	-.376**	1	.652**
19	Poverty_Internal_t2	-.118	-.073	.165	.044	-.088	.038	-.038	.170	.002	.041	-.039	-.430**	-.372**	-.370**	-.255*	-.383**	-.411**	.652**	1

