

## Longitudinal Network Change Analytic Variable Descriptions

### Respondent ID and Demographics at Baseline

Var Name	Var Type	Description / Question Prompt	Response Options / Range / Categories
SRHT_ID_BF	Identification	Unique number for each participant across waves	
Assignment	Subsample indicator	Randomly assigned when enrolled in study	1 = Intervention arm 2 = Control arm
SRHT_SRO	Subsample indicator	Resident location / Housing program	SRHT = Skid Row Housing Trust SRO = SRO Housing
Gender	Constructed	Constructed from DEMO1	M = Male
DEMO3	Raw survey response	Are you Hispanic or Latino?	No=0, Yes=1
DEMO4	Raw survey response	Now I need to ask a separate question about your <i>racial</i> group. What would you say is your <u>main</u> racial group? Please let me know when I have read the right one.	1=Black or African American, 2= White (European American or "Anglo"), 3=Native American/Alaskan Native, 4=Asian or Pacific Islander, 5=Some other race (OTHER SPECIFY) 6=Multiracial or mixed race
DEMO6	Raw survey response	What is the highest grade in school or year of college that you completed <u>and got credit for</u> ?	1st grade, 2nd grade, 3rd grade, 4th grade, 5th grade, 6th grade, 7th grade, 8th grade, 9th grade, 10th grade, 11th grade, 12th grade (high school diploma/ged), 1 year of college, 2 years of college / assoc. degree, 3 years of college, 4 years of college / bachelor's degree, post-graduate education.
DEMO7	Raw survey response	Have you had any children, including by birth or adoption?	No=0, Yes=1

Var Name	Var Type	Description / Question Prompt	Response Options / Range / Categories
DEMO8	Raw survey response	What's your current marital status? (INTERVIEWER: ASK ALL, CHOOSE ONE)	Married, Never married, Divorced, Separated, Widowed
DEMO9	Raw survey response	What was your total income <u>during the past 30 days</u> ? Please consider money from <u>all sources</u> including any jobs, tips, welfare or general relief, other government help , or <u>any activities</u> either legal or under the table.	number in US dollars
total_drinks_4weeks.b	Constructed from baseline interview	Multiplication of ALC3 (days drank in past 4 weeks) by ALC4 (average drinks when drinking in past 4 weeks)	0 - 300
total_drinks_4weeks.b	Constructed from follow-up interview	Multiplication of ALC3 (days drank in past 4 weeks) by ALC4 (average drinks when drinking in past 4 weeks)	0 - 300
daysbinge.b	Constructed from baseline interview	Conversion of ALC5 to number of days	0 - 28
daysbinge.b	Constructed from follow-up interview	Conversion of ALC5 to number of days	0 - 28
daysmj.b	Constructed from baseline interview	Conversion of DRUG1a to number of days	0 - 28
daysmj.f	Constructed from follow-up interview	Conversion of DRUG1a to number of days	0 - 28

Var Name	Var Type	Description / Question Prompt	Response Options / Range / Categories
days.drugs.all.b	Constructed from baseline interview	Summation of DRUG1a through DRUG7a after conversation to number of days	0 – 196
days.drugs.all.f	Constructed from follow-up interview	Summation of DRUG1a through DRUG7a after conversation to number of days	0 - 196
RTCSU.sum.all.b	Constructed from baseline interview	Summation of RTCSU.1 through RTCSU.12 with each yes response = 1 and each no response = -1 (RTCSU.5 reverse coded)	-12 - 12
RTCSU.sum.all.f	Constructed from follow-up interview	Summation of RTCSU.1 through RTCSU.12 with each yes response = 1 and each no response = -1 (RTCSU.5 reverse coded)	-12 - 12

### Constructed Network Characteristics

Var Name	Variable Description	Description of Construction
alters.b	Number of network alters named by participant at baseline assessment	Count of names
prop.drink.with.b	Proportion of alters who are drinking partners at baseline	(Count of COMP7 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.drink.with.recent.b	Proportion of alters who are recent drinking partners at baseline	(Count of COMP7 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.drugs.with.b	Proportion of alters who are drug use partners at baseline	(Count of COMP8 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b

Var Name	Variable Description	Description of Construction
prop.drugs.with.recent.b	Proportion of alters who are recent drug use partners at baseline	(Count of COMP8 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.aod.more.with.b	Proportion of alters who are drinking or drug use partners who respondent uses more with at baseline	(Count of COMP9 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.aod.more.with.recent.b	Proportion of alters who are recent drinking or drug use partners who respondent uses more with at baseline	(Count of COMP9 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.any.risk.b	Proportion of alters who are any risk (drinking partners, drug partners, or respondent uses more with) at baseline	(Count of alters with any COMP7, COMP8, COMP9 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.any.risk.recent.b	Proportion of alters who are any risk recently (drinking partners, drug partners, or respondent uses more with recently) at baseline	(Count of alters with any COMP7, COMP8, COMP9 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.em.support.b	Proportion of alters who provide emotional support at baseline	(Count of alters with any COMP10 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.em.support.recent.b	Proportion of alters who provide emotional support recently at baseline	(Count of alters with any COMP10 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.info.support.b	Proportion of alters who provide advice/information support at baseline	(Count of alters with any COMP11 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.info.support.recent.b	Proportion of alters who provide advice/information support recently at baseline	(Count of alters with any COMP11 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.tan.support.b	Proportion of alters who provide tangible support at baseline	(Count of alters with any COMP12 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.tan.support.recent.b	Proportion of alters who provide tangible support recently at baseline	(Count of alters with any COMP12 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b

Var Name	Variable Description	Description of Construction
prop.any.support.b	Proportion of alters who provide any (emotional/informational/tangible) support at baseline	(Count of alters with any COMP10, COMP11, COMP12 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
prop.any.support.recent.b	Proportion of alters who provide any (emotional/informational/tangible) support recently at baseline	(Count of alters with any COMP10, COMP11, COMP12 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.b
ave.negative.rel.b	Average negative interaction for all alters at baseline	(Sum of COMP14) / alters.b
prop.time.spend.more.b	Proportion of alters who respondent wants to spend more time with next month at baseline	(Sum of COMP15 = 1 “MORE TIME”) / alters.b
prop.time.spend.more.or.same.b	Proportion of alters who respondent wants to spend more or same amount of time with next month at baseline	(Sum of COMP15 = 1 “MORE TIME” or 2 “ABOUT THE SAME AMOUNT OF TIME”) / alters.b
prop.time.spend.less.b	Proportion of alters who respondent wants to spend less time with next month at baseline	(Sum of COMP15 = 3 “LESS TIME”) / alters.b
prop.time.spend.same.b	Proportion of alters who respondent wants to spend same amount of time with next month at baseline	(Sum of COMP15 = 2 “ABOUT THE SAME AMOUNT OF TIME”) / alters.b
prop.risk.and.support.b	Proportion of alters who are any risk and any support at baseline	(Sum of alters any.support.b = 1 AND any.risk.b = 1) / alters.b
prop.risk.not.support.b	Proportion of alters who are any risk but no support at baseline	(Sum of alters any.support.b = 0 AND any.risk.b = 1) / alters.b
prop.support.not.risk.b	Proportion of alters who are not any risk and any support at baseline	(Sum of alters any.support.b = 1 AND any.risk.b = 0) / alters.b
prop.risk.and.support.recent.b	Proportion of alters who are any risk and any support recently at baseline	(Sum of alters any.support.recent.b = 1 AND any.risk.recent.b = 1) / alters.b
prop.risk.not.support.recent.b	Proportion of alters who are any risk but no support recently at baseline	(Sum of alters any.support.recent.b = 0 AND any.risk.recent.b = 1) / alters.b

Var Name	Variable Description	Description of Construction
prop.support.not.risk.recent.b	Proportion of alters who are not any risk and any support recently at baseline	$(\text{Sum of alters any.support.recent.b} = 1 \text{ AND any.risk.recent.b} = 0) / \text{alters.b}$
ave.risk.degree_w.b	Average degree centrality of alters with any risk in egocentric networks defined as ties among alters who know each other	$(\text{Sum of alters any.risk.b} = 1 * \text{degree\_w.b}) / \text{alters.b}$  degree_w = sum of STRUC1 = 1 “KNOW AND INTERACT RARELY”, 2 = “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.risk.degree_m.b	Average degree centrality of alters with any risk in egocentric networks defined as ties among alters who know each other and interact sometimes or often	$(\text{Sum of alters any.risk.b} = 1 * \text{degree\_m.b}) / \text{alters.b}$  degree_m = sum of STRUC1 = 2 “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.risk.degree_s.b	Average degree centrality of alters with any risk in egocentric networks defined as ties among alters who know each other and interact often	$(\text{Sum of alters any.risk.b} = 1 * \text{degree\_s.b}) / \text{alters.b}$  degree_s = sum of STRUC1 = 3 “KNOW AND INTERACT OFTEN” for each alter
ave.risk.recent.degree_w.b	Average degree centrality of alters with any recent risk in egocentric networks defined as ties among alters who know each other	$(\text{Sum of alters with any.recent.risk.b} = 1 * \text{degree\_w.b}) / \text{alters.b}$  degree_w = sum of STRUC1 = 1 “KNOW AND INTERACT RARELY”, 2 = “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.risk.recent.degree_m.b	Average degree centrality of alters with any recent risk in egocentric networks defined as ties among alters who know each other and interact sometimes or often	$(\text{Sum of alters with any.recent.risk.b} = 1 * \text{degree\_m.b}) / \text{alters.b}$  degree_m = sum of STRUC1 = 2 “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.risk.recent.degree_s.b	Average degree centrality of alters with any recent risk in egocentric networks defined as ties among alters who know each other and interact often	$(\text{Sum of alters with any.recent.risk.b} = 1 * \text{degree\_s.b}) / \text{alters.b}$  degree_s = sum of STRUC1 = 3 “KNOW AND INTERACT OFTEN” for each alter

Var Name	Variable Description	Description of Construction
ave.support.degree_w.b	Average degree centrality of alters with any support in egocentric networks defined as ties among alters who know each other	$(\text{Sum of alters any.support.b} = 1 * \text{degree\_w.b}) / \text{alters.b}$  degree_w = sum of STRUC1 = 1 “KNOW AND INTERACT RARELY”, 2 = “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.support.degree_m.b	Average degree centrality of alters with any support in egocentric networks defined as ties among alters who know each other and interact sometimes or often	$(\text{Sum of alters any.support.b} = 1 * \text{degree\_m.b}) / \text{alters.b}$  degree_m = sum of STRUC1 = 2 “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.support.degree_s.b	Average degree centrality of alters with any support in egocentric networks defined as ties among alters who know each other and interact often	$(\text{Sum of alters any.support.b} = 1 * \text{degree\_s.b}) / \text{alters.b}$  degree_s = sum of STRUC1 = 3 “KNOW AND INTERACT OFTEN” for each alter
ave.support.recent.degree_w.b	Average degree centrality of alters with any recent support in egocentric networks defined as ties among alters who know each other	$(\text{Sum of alters with any.recent.support.b} = 1 * \text{degree\_w.b}) / \text{alters.b}$  degree_w = sum of STRUC1 = 1 “KNOW AND INTERACT RARELY”, 2 = “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.support.recent.degree_m.b	Average degree centrality of alters with any recent support in egocentric networks defined as ties among alters who know each other and interact sometimes or often	$(\text{Sum of alters with any.recent.support.b} = 1 * \text{degree\_m.b}) / \text{alters.b}$  degree_m = sum of STRUC1 = 2 “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.support.recent.degree_s.b	Average degree centrality of alters with any recent support in egocentric networks defined as ties among alters who know each other and interact often	$(\text{Sum of alters with any.recent.support.b} = 1 * \text{degree\_s.b}) / \text{alters.b}$  degree_s = sum of STRUC1 = 3 “KNOW AND INTERACT OFTEN” for each alter
alters.f	Number of network alters named by participant at follow-up assessment	Count of names

Var Name	Variable Description	Description of Construction
prop.drink.with.f	Proportion of alters who are drinking partners at follow-up	(Count of COMP7 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.drink.with.recent.f	Proportion of alters who are recent drinking partners at follow-up	(Count of COMP7 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.drugs.with.f	Proportion of alters who are drug use partners at follow-up	(Count of COMP8 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.drugs.with.recent.f	Proportion of alters who are recent drug use partners at follow-up	(Count of COMP8 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.aod.more.with.f	Proportion of alters who are drinking or drug use partners who respondent uses more with at follow-up	(Count of COMP9 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.aod.more.with.recent.f	Proportion of alters who are recent drinking or drug use partners who respondent uses more with at follow-up	(Count of COMP9 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.any.risk.f	Proportion of alters who are any risk (drinking partners, drug partners, or respondent uses more with) at follow-up	(Count of alters with any COMP7, COMP8, COMP9 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.any.risk.recent.f	Proportion of alters who are any risk recently (drinking partners, drug partners, or respondent uses more with recently) at follow-up	(Count of alters with any COMP7, COMP8, COMP9 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.em.support.f	Proportion of alters who provide emotional support at follow-up	(Count of alters with any COMP10 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.em.support.recent.f	Proportion of alters who provide emotional support recently at follow-up	(Count of alters with any COMP10 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.info.support.f	Proportion of alters who provide advice/information support at follow-up	(Count of alters with any COMP11 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f



Var Name	Variable Description	Description of Construction
prop.info.support.recent.f	Proportion of alters who provide advice/information support recently at follow-up	(Count of alters with any COMP11 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.tan.support.f	Proportion of alters who provide tangible support at follow-up	(Count of alters with any COMP12 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.tan.support.recent.f	Proportion of alters who provide tangible support recently at follow-up	(Count of alters with any COMP12 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.any.support.f	Proportion of alters who provide any (emotional/informational/tangible) support at follow-up	(Count of alters with any COMP10, COMP11, COMP12 = 1, “YES, BUT NOT IN PAST FOUR WEEKS” or 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
prop.any.support.recent.f	Proportion of alters who provide any (emotional/informational/tangible) support recently at follow-up	(Count of alters with any COMP10, COMP11, COMP12 = 2, “YES, WITHIN PAST FOUR WEEKS”) / alters.f
ave.negative.rel.f	Average negative interaction for all alters at follow-up	(Sum of COMP14) / alters.f
prop.time.spend.more.f	Proportion of alters who respondent wants to spend more time with next month at follow-up	(Sum of COMP15 = 1 “MORE TIME”) / alters.f
prop.time.spend.more.or.same.f	Proportion of alters who respondent wants to spend more or same amount of time with next month at follow-up	(Sum of COMP15 = 1 “MORE TIME” or 2 “ABOUT THE SAME AMOUNT OF TIME”) / alters.f
prop.time.spend.less.f	Proportion of alters who respondent wants to spend less time with next month at follow-up	(Sum of COMP15 = 3 “LESS TIME”) / alters.f
prop.time.spend.same.f	Proportion of alters who respondent wants to spend same amount of time with next month at follow-up	(Sum of COMP15 = 2 “ABOUT THE SAME AMOUNT OF TIME”) / alters.f
prop.risk.and.support.f	Proportion of alters who are any risk and any support at follow-up	(Sum of alters any.support.f = 1 AND any.risk.f = 1) / alters.f
prop.risk.not.support.f	Proportion of alters who are any risk but no support at follow-up	(Sum of alters any.support.f = 0 AND any.risk.f = 1) / alters.f

Var Name	Variable Description	Description of Construction
prop.support.not.risk.f	Proportion of alters who are not any risk and any support at follow-up	$(\text{Sum of alters any.support.f} = 1 \text{ AND any.risk.f} = 0) / \text{alters.f}$
prop.risk.and.support.recent.f	Proportion of alters who are any risk and any support recently at follow-up	$(\text{Sum of alters any.support.recent.f} = 1 \text{ AND any.risk.recent.f} = 1) / \text{alters.f}$
prop.risk.not.support.recent.f	Proportion of alters who are any risk but no support recently at follow-up	$(\text{Sum of alters any.support.recent.f} = 0 \text{ AND any.risk.recent.f} = 1) / \text{alters.f}$
prop.support.not.risk.recent.f	Proportion of alters who are not any risk and any support recently at follow-up	$(\text{Sum of alters any.support.recent.f} = 1 \text{ AND any.risk.recent.f} = 0) / \text{alters.f}$
ave.risk.degree_w.f	Average degree centrality of alters with any risk in egocentric networks defined as ties among alters who know each other	$(\text{Sum of alters any.risk.f} = 1 * \text{degree\_w.f}) / \text{alters.f}$  degree_w = sum of STRUC1 = 1 “KNOW AND INTERACT RARELY”, 2 = “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.risk.degree_m.f	Average degree centrality of alters with any risk in egocentric networks defined as ties among alters who know each other and interact sometimes or often	$(\text{Sum of alters any.risk.f} = 1 * \text{degree\_m.f}) / \text{alters.f}$  degree_m = sum of STRUC1 = 2 “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.risk.degree_s.f	Average degree centrality of alters with any risk in egocentric networks defined as ties among alters who know each other and interact often	$(\text{Sum of alters any.risk.f} = 1 * \text{degree\_s.f}) / \text{alters.f}$  degree_s = sum of STRUC1 = 3 “KNOW AND INTERACT OFTEN” for each alter
ave.risk.recent.degree_w.f	Average degree centrality of alters with any recent risk in egocentric networks defined as ties among alters who know each other	$(\text{Sum of alters with any.recent.risk.f} = 1 * \text{degree\_w.f}) / \text{alters.f}$  degree_w = sum of STRUC1 = 1 “KNOW AND INTERACT RARELY”, 2 = “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter

Var Name	Variable Description	Description of Construction
ave.risk.recent.degree_m.f	Average degree centrality of alters with any recent risk in egocentric networks defined as ties among alters who know each other and interact sometimes or often	<p>(Sum of alters with any.recent.risk.f = 1 * degree_m.f) / alters.f</p> <p>degree_m = sum of STRUC1 = 2 “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter</p>
ave.risk.recent.degree_s.f	Average degree centrality of alters with any recent risk in egocentric networks defined as ties among alters who know each other and interact often	<p>(Sum of alters with any.recent.risk.f = 1 * degree_s.f) / alters.f</p> <p>degree_s = sum of STRUC1 = 3 “KNOW AND INTERACT OFTEN” for each alter</p>
ave.support.degree_w.f	Average degree centrality of alters with any support in egocentric networks defined as ties among alters who know each other	<p>(Sum of alters any.support.f = 1 * degree_w.f ) / alters.f</p> <p>degree_w = sum of STRUC1 = 1 “KNOW AND INTERACT RARELY”, 2 = “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter</p>
ave.support.degree_m.f	Average degree centrality of alters with any support in egocentric networks defined as ties among alters who know each other and interact sometimes or often	<p>(Sum of alters any.support.f = 1 * degree_m.f) / alters.f</p> <p>degree_m = sum of STRUC1 = 2 “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter</p>
ave.support.degree_s.f	Average degree centrality of alters with any support in egocentric networks defined as ties among alters who know each other and interact often	<p>(Sum of alters any.support.f = 1 * degree_s.f) / alters.f</p> <p>degree_s = sum of STRUC1 = 3 “KNOW AND INTERACT OFTEN” for each alter</p>
ave.support.recent.degree_w.f	Average degree centrality of alters with any recent support in egocentric networks defined as ties among alters who know each other	<p>(Sum of alters with any.recent.support.f = 1 * degree_w.f ) / alters.f</p> <p>degree_w = sum of STRUC1 = 1 “KNOW AND INTERACT RARELY”, 2 = “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter</p>
ave.support.recent.degree_m.f	Average degree centrality of alters with any recent support in egocentric networks defined as ties among alters who know each other and interact sometimes or often	<p>(Sum of alters with any.recent.support.f = 1 * degree_m.f) / alters.f</p>

Var Name	Variable Description	Description of Construction
		degree_m = sum of STRUC1 = 2 “KNOW AND INTERACT SOMETIMES”, OR 3 “KNOW AND INTERACT OFTEN” for each alter
ave.support.recent.degree_s.f	Average degree centrality of alters with any recent support in egocentric networks defined as ties among alters who know each other and interact often	(Sum of alters with any.recent.support.f = 1 * degree_s.f) / alters.f  degree_s = sum of STRUC1 = 3 “KNOW AND INTERACT OFTEN” for each alter
alters	Number of unique network alters named by participant in combined baseline/follow-up assessment egocentric network	Count of names
dropped.alter.tot	Number of alters who were named in baseline but not in follow-up	Count of names
new.alter.tot	Number of alters who were named in follow-up but not in baseline	Count of names
retained.alter.tot	Number of alters who were named in both baseline and follow-up	Count of names
stop.drink.tot	Number of alters who were named in both baseline and follow-up who were drinking partners at baseline but not follow-up	Count of names
stop.drug.tot	Number of alters who were named in both baseline and follow-up who were drug use partners at baseline but not follow-up	Count of names
stop.aod.more.tot	Number of alters who were named in both baseline and follow-up who respondent used drugs or alcohol with more than usual at baseline but not follow-up	Count of names

Var Name	Variable Description	Description of Construction
stop.any.risk.tot	Number of alters who were named in both baseline and follow-up who respondent rated as any risk at baseline but not follow-up	Count of names
start.drink.tot	Number of alters who were named in both baseline and follow-up who were drinking partners at follow-up but not baseline	Count of names
start.drug.tot	Number of alters who were named in both baseline and follow-up who were drug use partners at follow-up but not baseline	Count of names
start.aod.more.tot	Number of alters who were named in both baseline and follow-up who respondent used drugs or alcohol with more than usual at follow-up but not baseline	Count of names
start.any.risk.tot	Number of alters who were named in both baseline and follow-up who respondent rated as any risk at follow-up but not baseline	Count of names
maintain.drink.tot	Number of alters who were named in both baseline and follow-up who were drinking partners at follow-up and baseline	Count of names
maintain.drug.tot	Number of alters who were named in both baseline and follow-up who were drug use partners at follow-up and baseline	Count of names

Var Name	Variable Description	Description of Construction
maintain.aod.more.tot	Number of alters who were named in both baseline and follow-up who respondent used drugs or alcohol with more than usual at follow-up and baseline	Count of names
maintain.any.risk.tot	Number of alters who were named in both baseline and follow-up who respondent rated as any risk at follow-up and baseline	Count of names
former.drink.tot	Number of alters who were named in baseline but not follow-up who were drinking partners	Count of names
former.drug.tot	Number of alters who were named in baseline but not follow-up who were drug use partners	Count of names
former.aod.more.tot	Number of alters who were named in baseline but not follow-up who respondent used drugs or alcohol with more than usual	Count of names
former.any.risk.tot	Number of alters who were named in baseline but not follow-up who respondent rated as any risk	Count of names
new.drink.tot	Number of alters who were named in follow-up but not baseline who were drinking partners	Count of names
new.drug.tot	Number of alters who were named in follow-up but not baseline who were drug use partners	Count of names
new.aod.more.tot	Number of alters who were named in follow-up but not baseline who respondent used drugs or alcohol with more than usual	Count of names

Var Name	Variable Description	Description of Construction
new.any.risk.tot	Number of alters who were named in follow-up but not baseline who respondent rated as any risk	Count of names
stop.em.support.tot	Number of alters who were named in both baseline and follow-up who gave emotional support at baseline but not follow-up	Count of names
stop.info.support.tot	Number of alters who were named in both baseline and follow-up who gave advice/information support at baseline but not follow-up	Count of names
stop.tan.support.tot	Number of alters who were named in both baseline and follow-up who gave tangible support at baseline but not follow-up	Count of names
stop.any.support.tot	Number of alters who were named in both baseline and follow-up who gave respondent any support at baseline but not follow-up	Count of names
start.em.support.tot	Number of alters who were named in both baseline and follow-up who gave emotional support at follow-up but not baseline	Count of names
start.info.support.tot	Number of alters who were named in both baseline and follow-up who gave advice/information support at follow-up but not baseline	Count of names
start.tan.support.tot	Number of alters who were named in both baseline and follow-up who gave tangible support at follow-up but not baseline	Count of names

Var Name	Variable Description	Description of Construction
start.any.support.tot	Number of alters who were named in both baseline and follow-up who gave respondent any support at follow-up but not baseline	Count of names
maintain.em.support.tot	Number of alters who were named in both baseline and follow-up who gave emotional support at follow-up and baseline	Count of names
maintain.info.support.tot	Number of alters who were named in both baseline and follow-up who gave advice/information support at follow-up and baseline	Count of names
maintain.tan.support.tot	Number of alters who were named in both baseline and follow-up who gave tangible support at follow-up and baseline	Count of names
maintain.any.support.tot	Number of alters who were named in both baseline and follow-up who gave respondent any support at follow-up and baseline	Count of names
former.em.support.tot	Number of alters who were named in baseline but not follow-up who gave emotional support	Count of names
former.info.support.tot	Number of alters who were named in baseline but not follow-up who gave advice/information support	Count of names
former.tan.support.tot	Number of alters who were named in baseline but not follow-up who gave tangible support	Count of names
former.any.support.tot	Number of alters who were named in baseline but not follow-up who gave respondent any support	Count of names



Var Name	Variable Description	Description of Construction
new.em.support.tot	Number of alters who were named in follow-up but not baseline who gave emotional support	Count of names
new.info.support.tot	Number of alters who were named in follow-up but not baseline who gave advice/information support	Count of names
new.tan.support.tot	Number of alters who were named in follow-up but not baseline who gave tangible support	Count of names
new.any.support.tot	Number of alters who were named in follow-up but not baseline who gave respondent any support	Count of names
stop.risk.and.support.tot	Number of alters who were named in both baseline and follow-up who were any risk and gave any support at baseline but not follow-up	
stop.risk.not.support.tot	Number of alters who were named in both baseline and follow-up who were any risk and did not give any support at baseline but not follow-up	
stop.support.not.risk.tot	Number of alters who were named in both baseline and follow-up who were not any risk and gave any support at baseline but not follow-up	
stop.risk.and.support.recent.tot	Number of alters who were named in both baseline and follow-up who were any risk and gave any support recently at baseline but not follow-up	
stop.risk.not.support.recent.tot	Number of alters who were named in both baseline and follow-up who were any risk and did not give any support recently at baseline but not follow-up	

Var Name	Variable Description	Description of Construction
stop.support.not.risk.recent.tot	Number of alters who were named in both baseline and follow-up who were not any risk and gave any support recently at baseline but not follow-up	
start.risk.and.support.tot	Number of alters who were named in both baseline and follow-up who were any risk and gave any support at follow-up but not baseline	
start.risk.not.support.tot	Number of alters who were named in both baseline and follow-up who were any risk and did not give any support at follow-up but not baseline	
start.support.not.risk.tot	Number of alters who were named in both baseline and follow-up who were not any risk and gave any support at follow-up but not baseline	
start.risk.and.support.recent.tot	Number of alters who were named in both baseline and follow-up who were any risk and gave any support recently at follow-up but not baseline	
start.risk.not.support.recent.tot	Number of alters who were named in both baseline and follow-up who were any risk and did not give any support recently at follow-up but not baseline	
start.support.not.risk.recent.tot	Number of alters who were named in both baseline and follow-up who were not any risk and gave any support recently at follow-up but not baseline	

Var Name	Variable Description	Description of Construction
maintain.risk.and.support.tot	Number of alters who were named in both baseline and follow-up who were any risk and gave any support at baseline and follow-up	
maintain.risk.not.support.tot	Number of alters who were named in both baseline and follow-up who were any risk and did not give any support at baseline and follow-up	
maintain.support.not.risk.tot	Number of alters who were named in both baseline and follow-up who were not any risk and gave any support at baseline and follow-up	
maintain.risk.and.support.recent.tot	Number of alters who were named in both baseline and follow-up who were any risk and gave any support recently at baseline and follow-up	
maintain.risk.not.support.recent.tot	Number of alters who were named in both baseline and follow-up who were any risk and did not give any support recently at baseline and follow-up	
maintain.support.not.risk.recent.tot	Number of alters who were named in both baseline and follow-up who were not any risk and gave any support recently at baseline and follow-up	
new.risk.and.support.tot	Number of alters who were named in follow-up but not baseline who were any risk and gave any support	
new.risk.not.support.tot	Number of alters who were named in follow-up but not baseline who were any risk and did not give any support	

Var Name	Variable Description	Description of Construction
new.support.not.risk.tot	Number of alters who were named in follow-up but not baseline who were not any risk and gave any support	
new.risk.and.support.recent.tot	Number of alters who were named in follow-up but not baseline who were any risk and gave any support recently	
new.risk.not.support.recent.tot	Number of alters who were named in follow-up but not baseline who were any risk and did not give any support recently	
new.support.not.risk.recent.tot	Number of alters who were named in follow-up but not baseline who were not any risk and gave any support recently	
former.risk.and.support.tot	Number of alters who were named in baseline but not follow-up who were any risk and gave any support	
former.risk.not.support.tot	Number of alters who were named in baseline but not follow-up who were any risk and did not give any support	
former.support.not.risk.tot	Number of alters who were named in baseline but not follow-up who were not any risk and gave any support	

Var Name	Variable Description	Description of Construction
former.risk.and.support.recent.tot	Number of alters who were named in baseline but not follow-up who were any risk and gave any support recently	
former.risk.not.support.recent.tot	Number of alters who were named in baseline but not follow-up who were any risk and did not give any support recently	
former.support.not.risk.recent.tot	Number of alters who were named in baseline but not follow-up who were not any risk and gave any support recently	
density_weak.b	Density of baseline egocentric networks for ties among alters who know each other	Density of network where an edge = 1 if STRUC1 = 1 "KNOW AND INTERACT RARELY", 2 = "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
density_medium.b	Density of baseline egocentric networks for ties among alters who know each other and interact sometimes or often	Density of network where an edge = 1 if STRUC1 = 2 "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
density_strong.b	Density of baseline egocentric networks for ties among alters who know each other and interact often	Density of network where an edge = 1 if STRUC1 = 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
density_weak.f	Density of follow-up egocentric networks for ties among alters who know each other	Density of network where an edge = 1 if STRUC1 = 1 "KNOW AND INTERACT RARELY", 2 = "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
density_medium.f	Density of follow-up egocentric networks for ties among alters who know each other and interact sometimes or often	Density of network where an edge = 1 if STRUC1 = 2 "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair

Var Name	Variable Description	Description of Construction
density_strong.f	Density of follow-up egocentric networks for ties among alters who know each other and interact often	Density of network where an edge = 1 if STRUC1 = 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
density_weak	Density of combined baseline and follow-up egocentric networks for ties among alters who know each other	Density of network where an edge = 1 if STRUC1 = 1 "KNOW AND INTERACT RARELY", 2 = "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
density_medium	Density of combined baseline and follow-up egocentric networks for ties among alters who know each other and interact sometimes or often	Density of network where an edge = 1 if STRUC1 = 2 "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
density_strong	Density of combined baseline and follow-up egocentric networks for ties among alters who know each other and interact often	Density of network where an edge = 1 if STRUC1 = 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
components_weak	Components of combined baseline and follow-up egocentric networks for ties among alters who know each other	Components of network where an edge = 1 if STRUC1 = 1 "KNOW AND INTERACT RARELY", 2 = "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
components_medium	Components of combined baseline and follow-up egocentric networks for ties among alters who know each other and interact sometimes or often	Components of network where an edge = 1 if STRUC1 = 2 "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
components_strong	Components of combined baseline and follow-up egocentric networks for ties among alters who know each other and interact often	Components of network where an edge = 1 if STRUC1 = 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
components_weak.b	Components of baseline egocentric networks for ties among alters who know each other	Components of network where an edge = 1 if STRUC1 = 1 "KNOW AND INTERACT RARELY", 2 = "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair

Var Name	Variable Description	Description of Construction
components_medium.b	Components of baseline egocentric networks for ties among alters who know each other and interact sometimes or often	Components of network where an edge = 1 if STRUC1 = 2 "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
components_strong.b	Components of baseline egocentric networks for ties among alters who know each other and interact often	Components of network where an edge = 1 if STRUC1 = 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
components_weak.f	Components of follow-up egocentric networks for ties among alters who know each other	Components of network where an edge = 1 if STRUC1 = 1 "KNOW AND INTERACT RARELY", 2 = "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
components_medium.f	Components of follow-up egocentric networks for ties among alters who know each other and interact sometimes or often	Components of network where an edge = 1 if STRUC1 = 2 "KNOW AND INTERACT SOMETIMES", OR 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair
components_strong.f	Components of follow-up egocentric networks for ties among alters who know each other and interact often	Components of network where an edge = 1 if STRUC1 = 3 "KNOW AND INTERACT OFTEN" for each alter-alter pair