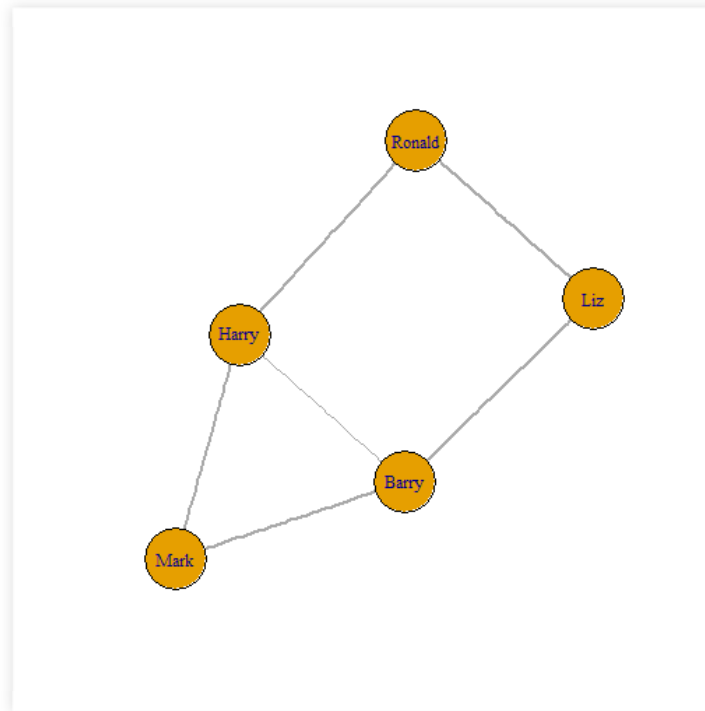


# Stanley's Network

```
plot(stans.network,  
     vertex.label = V(stans.network)$alterID.1,  
     edge.width=E(stans.network)$weight,  
     vertex.size=30)
```



# Folders: Egos



	egoID	sex	age	netsize
1	Stanley	w	36 - 45	5
2	2	w	66 - 100	5
3	3	w	56 - 65	5

# Folders: Edges



	Source	Target	weight
1	Harry	Barry	1
2	Harry	Liz	2
3	Harry	Ronald	2
4	Harry	Mark	0
5	Barry	Liz	0
6	Barry	Ronald	2
7	Barry	Mark	2
8	Liz	Ronald	0
9	Liz	Mark	2
10	Ronald	Mark	0

- one file per ego

# Folders: Alteri






	egoID	alterID	alter.sex	alter.age
1.1	1	Harry	m	86
1.2	1	Barry	m	74
1.3	1	Liz	w	92
1.4	1	Ronald	m	67
1.5	1	Mark	m	73



- one file per ego

# Two Files: Egos




## Folders

-  egos
-  edge lists
-  alteri attributes

## Two-Files

-  egos + edges
-  alteri

## One-File

-  egos
-  alteri
-  edges

	egoID	sex	age	netsize	X1.to.2	X1.to.3	X1.to.4	X1.to.5	X2.to.3
1	1	w	36 - 45	5	1	2	2	0	0
2	2	w	66 - 100	5	2	1	1	1	2
3	3	w	56 - 65	5	2	1	2	1	2
	X2.to.4	X2.to.5	X3.to.4	X3.to.5	X4.to.5				
1	2	2	0	2	0				
2	0	0	1	1	1				
3	1	2	2	0	1				

# Two Files: Alteri

## Folders

- egos
- edge lists
- alteri attributes

## Two-Files

- egos + edges
- alteri

## One-File

- egos
- alteri
- edges

	egoID	alterID	alter.sex	alter.age
1.1.1	1	Harry	m	86
1.1.2	1	Barry	m	74
1.1.3	1	Liz	w	92
1.1.4	1	Ronald	m	67
1.1.5	1	Mark	m	73
2.2.6	2	1	m	86
2.2.7	2	2	w	45
2.2.8	2	3	w	92
2.2.9	2	4	m	84
2.2.10	2	5	w	53
3.3.11	3	1	w	77
3.3.12	3	2	m	90
3.3.13	3	3	w	56
3.3.14	3	4	w	87
3.3.15	3	5	m	70

# One File

## Folders

- egos
- edge lists
- alteri attributes

## Two-Files

- egos + edges
- alteri

## One-File

- egos
- alteri
- edges

	egoID	sex	age	netsize	alterID.1	alter.sex.1	alter.age.1	alterID.2	
1	Stanley	w	36 - 45	5	Harry	m	86	Barry	
2	2	w	66 - 100	5	1	m	86	2	
3	3	w	56 - 65	5	1	w	77	2	
	alter.sex.2	alter.age.2	alterID.3	alter.sex.3	alter.age.3	alterID.4			
1	m	74	Liz	w	92	Ronald			
2	w	45	3	w	92	4			
3	m	90	3	w	56	4			
	alter.sex.4	alter.age.4	alterID.5	alter.sex.5	alter.age.5	X1.to.2			
1	m	67	Mark	m	73	1			
2	m	84	5	w	53	2			
3	w	87	5	m	70	2			
	X1.to.3	X1.to.4	X1.to.5	X2.to.3	X2.to.4	X2.to.5	X3.to.4	X3.to.5	X4.to.5
1	2	2	0	0	2	2	0	2	0
2	1	1	1	2	0	0	1	1	1
3	1	2	1	2	1	2	2	0	1

# INPUT




## One-File

 egos + alteri + edges

## Two-Files

 alteri  
 egos + edges

## Folders

 egos  
 edge lists  
 alteri attributes

*read.egonet.one.file()*

*read.egonet.two.files()*

*read.egonet.folders()*

# OUTPUT egoR

list(

 egos

alteri.df

 alteri as cases

alteri.list

 one entry per ego

edges

 edge lists

graphs

 alteri + edges



# Alteri data as a dataframe

```
alteri.df
```

	egoID	alterID	alter.sex	alter.age
1.1.1	1	Harry	m	86
1.1.2	1	Barry	m	74
1.1.3	1	Liz	w	92
1.1.4	1	Ronald	m	67
1.1.5	1	Mark	m	73
2.2.6	2	1	m	86
2.2.7	2	2	w	45
2.2.8	2	3	w	92
2.2.9	2	4	m	84
2.2.10	2	5	w	53
3.3.11	3	1	w	77
3.3.12	3	2	m	90
3.3.13	3	3	w	56
3.3.14	3	4	w	87
3.3.15	3	5	m	70

# Alteri data as a list of dataframes

```
alteri.list
```

```
$`1`
```

	egoID	alterID	alter.sex	alter.age
1.1.1	1	Harry	m	86
1.1.2	1	Barry	m	74
1.1.3	1	Liz	w	92
1.1.4	1	Ronald	m	67
1.1.5	1	Mark	m	73

```
$`2`
```

	egoID	alterID	alter.sex	alter.age
2.2.6	2	1	m	86
2.2.7	2	2	w	45
2.2.8	2	3	w	92
2.2.9	2	4	m	84
2.2.10	2	5	w	53

```
$`3`
```

	egoID	alterID	alter.sex	alter.age
3.3.11	3	1	w	77
3.3.12	3	2	m	90

# Edge data as a list of dataframes

edges

[[1]]

	Source	Target	weight
1	Harry	Barry	1
2	Harry	Liz	2
3	Harry	Ronald	2
4	Harry	Mark	0
5	Barry	Liz	0
6	Barry	Ronald	2
7	Barry	Mark	2
8	Liz	Ronald	0
9	Liz	Mark	2
10	Ronald	Mark	0

[[2]]

	Source	Target	weight
1	1	2	2
2	1	3	1
3	1	4	1
4	1	5	1
5	2	3	2