Comparison of Versions of Kinship Links Joe Rodger's BG Team

December 9, 2012

```
## Error: $ operator is invalid for atomic vectors
## Error: object 'olderVersionNumber' not found
## Error: $ operator is invalid for atomic vectors
## Error: object 'newerVersionNumber' not found
## Error: object 'olderVersionNumber' not found
## Error: object 'newerVersionNumber' not found
## Error: $ operator is invalid for atomic vectors
## Error: $ operator is invalid for atomic vectors
## Warning: cannot open file 'F:/Projects/Nls/NlsyLinksDetermination/LinksForDistribution/Outcomes/Outcomes.c
No such file or directory
## Error: cannot open the connection
## Error: object 'dsLinkingNewer' not found
## Error: object 'dsLinkingOlder' not found
## Warning: object 'dsOutcomes' not found
## Warning: object 'dsLinkingNewer' not found
## Warning: object 'dsLinkingOlder' not found
Outcome: HeightZGenderYob;
RelationshipPath: RelationshipPathPrettyNotSet [ID:1]; Newer Links Version:
Error in eval(expr, envir, enclos) :
object 'newerVersionNumber' not found; Older Links Version:
Error in eval(expr, envir, enclos) :
object 'olderVersionNumber' not found;
Error: object 'newerDescription' not found
Error: object 'olderDescription' not found
```

```
## Error: object 'dsDirtyNewer' not found
```

1 Ace - Comparison of R Variants

R Groups specifically excluded: { 0, 0.375, 0.75 }

Drop pair if housemates are not confirmed in the same generation: FALSE

(See the final table for an explanation of the different R variants.)

R Variant	a_{new}^2	c_{new}^2	e_{new}^2	N_{new}	a_{old}^2	c_{old}^2	e_{old}^2	N_{old}
R								
RExplicit								
RImplicit2004								

Table 1: Comparison of R Variants (by rows) and of Links Versions (left vs right side).

2 Subgroups – R

3 Explanation of R Variants

Variant	Explanation
R	We recommend researchers typical use this version.
R_{Pass1}	Supposed to be fooled only by errors in the subject's/mother's knowledge
RImplicit	Uses only implicit items
$RImplicit_{Pass1}$	Uses only implicit items & supposed to be fooled only by knowledge errors
$RImplicit_{Mother}$	Uses only mother's implicit items (exists only for Gen2)
$RImplicit_{Subject}$	Uses only subject's implicit items
$RImplicit_{2004}$	The state of the links in 2004. Rodgers & Rowe for Gen1; Rodgers, Johnson & Bard for Gen2
RExplicit	Uses only explicit items
$RExplicit_{Pass1}$	Uses only explicit items & supposed to be fooled only by knowledge errors