

Comparison of Versions of Kinship Links

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Outcome: HeightZGenderAge;

Relationship Paths: (Gen2Siblings) [IDs:(2)];

R Groups specifically excluded: { }

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

1 Subgroups – R

R	Included in SEM	N_{Pairs}	\bar{x}_1	\bar{x}_2	s_1^2	s_2^2	$s_{1,2}$	r	Determinant	PosDefinite
0.250	TRUE	385	-0.42	-0.43	0.96	0.89	0.31	0.33	0.8	TRUE
0.375	TRUE	11	0.14	-0.14	0.59	1.37	0.49	0.54	0.6	TRUE
0.500	TRUE	1123	-0.36	-0.35	0.87	0.84	0.33	0.38	0.6	TRUE
1.000	FALSE	0								FALSE

Table 1: R

2 Subgroups – RFull

RFull	Included in SEM	N_{Pairs}	\bar{x}_1	\bar{x}_2	s_1^2	s_2^2	$s_{1,2}$	r	Determinant	PosDefinite
0.250	TRUE	385	-0.42	-0.43	0.96	0.89	0.31	0.33	0.8	TRUE
0.375	TRUE	11	0.14	-0.14	0.59	1.37	0.49	0.54	0.6	TRUE
0.500	TRUE	1123	-0.36	-0.35	0.87	0.84	0.33	0.38	0.6	TRUE
1.000	FALSE	0								FALSE

Table 2: RFull

3 Subgroups – RExplicit

RExplicit	Included in SEM	N_{Pairs}	\bar{x}_1	\bar{x}_2	s_1^2	s_2^2	$s_{1,2}$	r	Determinant	PosDefinite
0.250	TRUE	348	-0.43	-0.46	0.97	0.87	0.32	0.35	0.7	TRUE
0.375	TRUE	54	-0.21	-0.23	0.83	0.98	0.22	0.25	0.8	TRUE
0.500	TRUE	1109	-0.36	-0.35	0.87	0.84	0.33	0.38	0.6	TRUE
1.000	FALSE	0								FALSE

Table 3: RExplicit

4 Subgroups – RImplicit

RImplicit	Included in SEM	N_{Pairs}	\bar{x}_1	\bar{x}_2	s_1^2	s_2^2	$s_{1,2}$	r	Determinant	PosDefinite
0.250	TRUE	378	-0.41	-0.44	0.93	0.89	0.31	0.34	0.7	TRUE
0.500	TRUE	1110	-0.36	-0.35	0.89	0.85	0.34	0.39	0.6	TRUE
1.000	FALSE	0								FALSE

Table 4: RImplicit

5 Subgroups – RImplicit2004

RImplicit2004	Included in SEM	N_{Pairs}	\bar{x}_1	\bar{x}_2	s_1^2	s_2^2	$s_{1,2}$	r	Determinant	PosDefinite
0.250	TRUE	296	-0.36	-0.43	0.90	0.87	0.30	0.34	0.7	TRUE
0.375	TRUE	232	-0.33	-0.43	0.89	0.88	0.36	0.41	0.7	TRUE
0.500	TRUE	976	-0.38	-0.33	0.89	0.85	0.32	0.37	0.7	TRUE
1.000	FALSE	0								FALSE

Table 5: RImplicit2004

6 Ace - Comparison of R Variants

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

dAcePretty[, 1]	a^2	c^2	e^2	se_{a^2}	se_{c^2}	se_{e^2}	N
R	.27	.26	.47	.17	.08	.1	1,519
RFull	.27	.26	.47	.17	.08	.1	1,519
RExplicit	.24	.27	.49	.17	.08	.1	1,511
RImplicit	.24	.27	.49	.17	.08	.1	1,488
RImplicit2004	.09	.33	.58	.18	.08	.1	1,504

Table 6: Comparison of R Variants (by rows) and of Links Versions (left vs right side).

7 Explanation of R Variants

Variant	Explanation
R	We recommend researchers typical use this version.
R_{Full}	The most complete version we have; doesn't exclude groups like $R=0$.
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