Comparison of Versions of Kinship Links
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Outcome: HeightZGenderAge;
Relationship Paths: (Gen1Housemates) [IDs:(1)];

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R Groups specifically excluded: {  }
Drop pair if housemates are not confirmed in the same generation: FALSE
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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	280	0.05	0.06	1.02	1.18	0.27	0.24	1.1	TRUE
0.500	TRUE	3894	-0.05	-0.03	0.97	1.02	0.47	0.47	0.8	TRUE
1.000	TRUE	11	-0.09	-0.01	0.32	0.95	0.36	0.65	0.2	TRUE

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
0.000	TRUE	537	0.02	-0.02	0.95	0.81	0.21	0.24	0.7	TRUE
0.062	TRUE	43	-0.45	-0.14	0.81	0.81	0.19	0.24	0.6	TRUE
0.125	TRUE	92	-0.02	-0.47	0.95	0.99	0.16	0.17	0.9	TRUE
0.250	TRUE	292	0.04	0.07	1.00	1.16	0.25	0.23	1.1	TRUE
0.375	TRUE	14	0.24	0.44	1.61	0.86	0.31	0.26	1.3	TRUE
0.500	TRUE	3928	-0.05	-0.03	0.97	1.02	0.46	0.47	0.8	TRUE
0.750	TRUE	11	-0.14	0.10	0.87	0.81	0.66	0.79	0.3	TRUE
1.000	TRUE	11	-0.09	-0.01	0.32	0.95	0.36	0.65	0.2	TRUE

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
0.000	TRUE	41	-0.06	0.34	0.82	1.05	0.22	0.24	0.8	TRUE
0.062	FALSE	2	-0.01	-1.21	0.22	0.26	0.24	1.00	0.0	FALSE
0.250	TRUE	268	0.06	0.07	1.07	1.21	0.29	0.26	1.2	TRUE
0.375	TRUE	36	-0.07	0.04	1.03	1.08	0.33	0.32	1.0	TRUE
0.500	TRUE	3533	-0.05	-0.02	0.96	1.02	0.47	0.47	0.8	TRUE

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
0.000	TRUE	183	0.07	-0.04	0.90	0.72	0.14	0.17	0.6	TRUE
0.250	TRUE	163	-0.02	0.01	0.83	0.87	0.19	0.22	0.7	TRUE
0.500	TRUE	3472	-0.03	-0.02	0.98	1.02	0.44	0.45	0.8	TRUE

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
0.125	TRUE	73	-0.07	-0.25	0.79	1.01	0.12	0.13	0.8	TRUE
0.250	TRUE	43	-0.13	-0.07	0.75	1.04	0.22	0.25	0.7	TRUE
0.375	TRUE	306	-0.02	0.02	0.94	1.14	0.46	0.44	0.9	TRUE
0.500	TRUE	1865	-0.00	-0.00	0.95	0.98	0.45	0.47	0.7	TRUE
0.750	TRUE	30	0.02	0.03	0.60	0.91	0.42	0.57	0.4	TRUE

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	.70	.11	.18	.10	.05	.05	4,185
RFull	.55	.19	.27	.08	.04	.04	4,928
RExplicit	.85	.05	.10	.17	.08	.09	3,878
RImplicit	.52	.18	.30	.15	.07	.08	3,818
RImplicit2004	.69	.13	.18	.18	.09	.10	2,317

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