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	185	0.12	0.13	1.05	1.18	0.22	0.20	1.2	TRUE
0.500	TRUE	1201	-0.04	0.03	1.04	1.11	0.44	0.41	1.0	TRUE
1.000	TRUE	3	0.53	0.35	0.05	2.97	0.38	0.98	0.0	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	52	0.11	-0.06	1.40	0.86	0.49	0.45	1.0	TRUE
0.062	TRUE	8	-0.51	-0.56	0.54	1.07	0.25	0.32	0.5	TRUE
0.125	TRUE	54	0.23	-0.56	0.91	0.91	0.25	0.27	0.8	TRUE
0.250	TRUE	186	0.12	0.14	1.05	1.18	0.22	0.20	1.2	TRUE
0.375	TRUE	12	0.37	0.43	1.66	0.97	0.29	0.23	1.5	TRUE
0.500	TRUE	1204	-0.03	0.03	1.04	1.11	0.44	0.41	1.0	TRUE
0.750	FALSE	2	0.90	1.37	1.50	0.00	0.04	1.00	0.0	FALSE
1.000	TRUE	3	0.53	0.35	0.05	2.97	0.38	0.98	0.0	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	9	-0.18	-0.37	0.65	1.16	-0.16	-0.18	0.7	TRUE
0.062	FALSE	2	-0.01	-1.21	0.22	0.26	0.24	1.00	0.0	FALSE
0.250	TRUE	179	0.16	0.20	1.08	1.19	0.24	0.21	1.2	TRUE
0.375	TRUE	28	0.06	0.10	1.17	1.09	0.41	0.36	1.1	TRUE
0.500	TRUE	1172	-0.03	0.04	1.04	1.10	0.45	0.42	0.9	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	34	0.21	-0.34	1.14	0.94	0.34	0.33	1.0	TRUE
0.250	TRUE	66	-0.16	-0.02	1.01	0.96	0.12	0.13	1.0	TRUE
0.500	TRUE	897	0.02	0.03	1.06	1.16	0.44	0.39	1.0	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	31	0.08	-0.58	0.82	0.92	0.02	0.03	0.8	TRUE
0.250	TRUE	4	0.80	0.73	1.15	1.06	0.95	0.86	0.3	TRUE
0.375	TRUE	104	-0.06	0.12	0.84	1.17	0.25	0.26	0.9	TRUE
0.500	TRUE	414	-0.06	0.02	1.04	1.09	0.44	0.42	0.9	TRUE
0.750	TRUE	8	0.29	0.15	0.53	1.73	0.54	0.56	0.6	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	.57	.11	.32	.20	.10	.11	1,389
RFull	.41	.19	.40	.17	.08	.09	1,519
RExplicit	.82	.01	.17	.29	.14	.15	1,388
RImplicit	.51	.13	.36	.32	.15	.17	997
RImplicit2004	.80	.00	.20	.10	.00	.07	561

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