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	59	0.12	0.20	0.82	0.89	0.19	0.22	0.7	TRUE
0.500	TRUE	1974	0.15	0.13	0.83	0.87	0.37	0.44	0.6	TRUE
1.000	TRUE	8	-0.32	-0.14	0.22	0.43	0.28	0.90	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	413	0.11	0.07	0.84	0.76	0.10	0.13	0.6	TRUE
0.062	TRUE	35	-0.44	-0.04	0.89	0.73	0.18	0.22	0.6	TRUE
0.125	TRUE	23	-0.14	-0.02	0.71	0.83	-0.19	-0.25	0.6	TRUE
0.250	TRUE	70	0.07	0.21	0.79	0.83	0.14	0.17	0.6	TRUE
0.375	FALSE	0								FALSE
0.500	TRUE	2002	0.15	0.14	0.83	0.87	0.37	0.43	0.6	TRUE
0.750	TRUE	8	-0.41	-0.16	0.64	0.59	0.49	0.80	0.1	TRUE
1.000	TRUE	8	-0.32	-0.14	0.22	0.43	0.28	0.90	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	24	0.15	0.51	0.82	1.03	0.45	0.49	0.6	TRUE
0.250	TRUE	53	0.07	0.11	0.88	0.84	0.16	0.19	0.7	TRUE
0.375	TRUE	5	-0.53	-0.23	0.14	1.36	-0.38	-0.88	0.0	TRUE
0.500	TRUE	1668	0.18	0.18	0.77	0.83	0.34	0.42	0.5	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	133	0.09	0.08	0.86	0.66	0.09	0.12	0.6	TRUE
0.250	TRUE	84	0.11	0.11	0.66	0.74	0.16	0.23	0.5	TRUE
0.500	TRUE	1954	0.15	0.13	0.83	0.87	0.35	0.41	0.6	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	30	0.09	0.22	0.73	0.62	0.02	0.03	0.5	TRUE
0.250	TRUE	35	-0.19	-0.09	0.64	0.81	-0.04	-0.05	0.5	TRUE
0.375	TRUE	151	0.21	0.20	0.97	1.10	0.50	0.48	0.8	TRUE
0.500	TRUE	1136	0.19	0.14	0.81	0.88	0.37	0.44	0.6	TRUE
0.750	TRUE	19	-0.01	-0.01	0.57	0.77	0.42	0.64	0.3	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	.89	.00	.11	.04	.00	.03	2,041
RFull	.70	.09	.21	.09	.04	.05	2,559
RExplicit	.40	.22	.38	.23	.11	.12	1,750
RImplicit	.53	.14	.33	.15	.07	.08	2,171
RImplicit2004	.86	.02	.12	.25	.12	.13	1,371

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