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	64	0.21	-0.01	1.04	1.25	0.24	0.21	1.2	TRUE
0.500	TRUE	913	0.00	0.04	1.00	0.99	0.50	0.50	0.7	TRUE
1.000	TRUE	5	-0.18	-0.40	0.38	0.93	0.21	0.36	0.3	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	143	0.20	0.02	0.98	0.73	0.14	0.16	0.7	TRUE
0.062	TRUE	17	-0.30	-0.28	0.47	0.75	-0.05	-0.09	0.4	TRUE
0.125	TRUE	29	0.15	-0.38	0.95	0.82	-0.03	-0.03	0.8	TRUE
0.250	TRUE	67	0.17	-0.02	1.04	1.21	0.23	0.21	1.2	TRUE
0.375	FALSE	2	0.27	0.45	10.22	0.67	2.62	1.00	0.0	FALSE
0.500	TRUE	932	-0.00	0.04	1.00	0.98	0.49	0.50	0.7	TRUE
0.750	TRUE	5	0.20	0.13	1.07	0.80	0.78	0.84	0.2	TRUE
1.000	TRUE	5	-0.18	-0.40	0.38	0.93	0.21	0.36	0.3	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	6	0.21	0.59	0.47	1.29	0.69	0.88	0.1	TRUE
0.250	TRUE	57	0.20	-0.01	1.11	1.34	0.24	0.19	1.4	TRUE
0.375	TRUE	6	0.01	0.39	2.53	0.28	0.71	0.85	0.2	TRUE
0.500	TRUE	826	0.01	0.05	1.00	0.99	0.50	0.50	0.7	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	45	0.25	0.15	0.83	0.64	0.10	0.13	0.5	TRUE
0.250	TRUE	42	-0.08	-0.15	0.71	0.76	0.27	0.37	0.5	TRUE
0.500	TRUE	857	0.05	0.03	1.04	0.98	0.48	0.47	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	22	0.13	-0.26	0.93	0.82	0.12	0.14	0.7	TRUE
0.250	TRUE	10	-0.10	-0.21	0.68	0.94	0.09	0.12	0.6	TRUE
0.375	TRUE	78	0.08	0.23	0.96	0.89	0.39	0.42	0.7	TRUE
0.500	TRUE	471	0.06	0.02	0.93	0.93	0.42	0.46	0.7	TRUE
0.750	TRUE	14	0.13	-0.11	0.66	0.70	0.22	0.32	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	.58	.20	.22	.16	.09	.08	982
RFull	.66	.14	.19	.10	.05	.05	1,198
RExplicit	.99	.01	.00	.05	.05	.00	895
RImplicit	.34	.29	.36	.29	.14	.15	944
RImplicit2004	.51	.19	.30	.29	.15	.15	595

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