

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	442	-0.18	-0.14	1.19	0.97	0.27	0.26	1.1	TRUE
0.375	TRUE	16	0.25	-0.07	1.30	1.19	0.72	0.58	1.0	TRUE
0.500	TRUE	1038	-0.00	-0.09	0.92	0.98	0.35	0.37	0.8	TRUE
0.750	FALSE	0								FALSE
1.000	TRUE	11	-0.06	-0.22	0.98	1.23	1.02	0.93	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
0.250	TRUE	442	-0.18	-0.14	1.19	0.97	0.27	0.26	1.1	TRUE
0.375	TRUE	16	0.25	-0.07	1.30	1.19	0.72	0.58	1.0	TRUE
0.500	TRUE	1038	-0.00	-0.09	0.92	0.98	0.35	0.37	0.8	TRUE
0.750	FALSE	0								FALSE
1.000	TRUE	11	-0.06	-0.22	0.98	1.23	1.02	0.93	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
0.250	TRUE	421	-0.21	-0.16	1.19	0.98	0.30	0.28	1.1	TRUE
0.375	TRUE	50	-0.00	-0.00	0.97	1.00	0.12	0.12	1.0	TRUE
0.500	TRUE	1013	0.01	-0.09	0.92	0.98	0.36	0.38	0.8	TRUE
1.000	TRUE	11	-0.06	-0.22	0.98	1.23	1.02	0.93	0.2	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
0.250	TRUE	403	-0.19	-0.18	1.14	0.97	0.23	0.22	1.1	TRUE
0.500	TRUE	1022	-0.01	-0.08	0.92	0.98	0.35	0.36	0.8	TRUE
0.750	FALSE	0								FALSE
1.000	TRUE	11	-0.06	-0.22	0.98	1.23	1.02	0.93	0.2	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
0.250	TRUE	343	-0.18	-0.17	1.10	1.01	0.25	0.24	1.1	TRUE
0.375	TRUE	233	-0.14	-0.15	1.01	0.90	0.31	0.33	0.8	TRUE
0.500	TRUE	912	0.02	-0.07	0.94	0.98	0.36	0.38	0.8	TRUE
1.000	TRUE	11	-0.06	-0.22	0.98	1.23	1.02	0.93	0.2	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	.82	0	.18	.06	0	.05	1,507
RFull	.82	0	.18	.06	0	.05	1,507
RExplicit	.82	0	.18	.06	0	.05	1,495
RImplicit	.79	0	.21	.06	0	.05	1,436
RImplicit2004	.82	0	.18	.06	0	.05	1,499

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