

Comparison of Versions of Kinship Links

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Outcome: HeightZGenderAge;

Relationship Paths: (Gen2Siblings) [IDs:(2)];

R Groups specifically excluded: { 0.375 }

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	FALSE	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	FALSE	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	FALSE	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	FALSE	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	.81	.00	.19	.06	.00	.05	1,491
RFull	.81	.00	.19	.06	.00	.05	1,491
RExplicit	.82	.01	.18	.19	.09	.11	1,445
RImplicit	.79	.00	.21	.06	.00	.05	1,436
RImplicit2004	.82	.00	.18	.07	.00	.05	1,266

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