

Comparison of Versions of Kinship Links

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Outcome: HeightZGenderAge;

Relationship Paths: (Gen1Housemates) [IDs:(1)];

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	36	-0.46	-0.58	0.95	1.29	0.25	0.23	1.2	TRUE
0.500	TRUE	719	-0.63	-0.57	0.82	0.90	0.37	0.43	0.6	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	72	-0.59	-0.52	0.89	0.76	0.25	0.30	0.6	TRUE
0.125	TRUE	15	-0.72	-0.81	0.80	1.20	0.35	0.35	0.8	TRUE
0.250	TRUE	36	-0.46	-0.58	0.95	1.29	0.25	0.23	1.2	TRUE
0.375	FALSE	2	-0.54	0.48	1.31	0.59	0.88	1.00	0.0	FALSE
0.500	TRUE	722	-0.63	-0.57	0.82	0.90	0.36	0.42	0.6	TRUE
0.750		1	-0.04	-0.38						

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	8	-0.52	0.62	0.81	0.43	-0.14	-0.23	0.3	TRUE
0.250	TRUE	36	-0.46	-0.59	1.06	1.40	0.33	0.27	1.4	TRUE
0.375	TRUE	3	-0.60	-0.11	0.67	1.33	0.55	0.59	0.6	TRUE
0.500	TRUE	693	-0.62	-0.58	0.83	0.92	0.37	0.43	0.6	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	16	-0.39	-0.36	0.49	0.34	0.07	0.16	0.2	TRUE
0.250	TRUE	13	-0.21	-0.57	0.97	1.02	0.52	0.52	0.7	TRUE
0.500	TRUE	621	-0.63	-0.54	0.84	0.92	0.35	0.40	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	12	-0.81	-0.58	0.29	1.44	0.31	0.48	0.3	TRUE
0.250	TRUE	4	-0.53	-0.69	0.63	2.90	1.26	0.93	0.2	TRUE
0.375	TRUE	51	-0.62	-0.68	0.59	0.65	0.25	0.41	0.3	TRUE
0.500	TRUE	315	-0.63	-0.56	0.81	0.84	0.34	0.41	0.6	TRUE
0.750	TRUE	3	-0.51	-0.03	1.01	0.13	0.18	0.48	0.1	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	.85	.00	.15	.07	.00	.05	755
RFull	.33	.26	.42	.18	.09	.10	845
RExplicit	.87	.00	.13	.07	.00	.05	740
RImplicit	.00	.40	.60	.00	.04	.03	650
RImplicit2004	.00	.41	.59	.00	.04	.03	385

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
$R_{Implicit}$	Uses only implicit items
$R_{Implicit_{Pass1}}$	Uses only implicit items & supposed to be fooled only by knowledge errors
$R_{Implicit_{Mother}}$	Uses only mother's implicit items (exists only for Gen2)
$R_{Implicit_{Subject}}$	Uses only subject's implicit items
$R_{Implicit_{2004}}$	The state of the links in 2004. Rodgers & Rowe for Gen1; Rodgers, Johnson & Bard for Gen2
$R_{Explicit}$	Uses only explicit items
$R_{Explicit_{Pass1}}$	Uses only explicit items & supposed to be fooled only by knowledge errors