

Sibling Spouse IQ

OVERVIEW:

Sibling Spouse IQ data were collected for all spouses where we had a valid high school name, maiden name, and either DOB or year graduated.

Information about Sibling Spouse IQ was collected in the following way:

-In 2003-2004 we began speaking to graduate and sibling spouses. While interviewing spouses we ascertained their maiden name, whether or not they attended high school in Wisconsin, if so what high school they attended, and finally their date of birth.

-With the above information collected we were able to use spouses date of birth and high school information to calculate estimations of the year in which spouses were in particular grade levels and in what school. We then used these estimations combined with their maiden name to search through the Wisconsin Cooperative Testing Program books for Spouses Henmon-Nelson scores (books with scores exist for WI schools from 1930-1980).

-Each case was checked three times; 1.) The first check was done quickly on the estimated year. 2.) For cases that did not yield a score on the first check we looked at plus and minus three years from the estimated year. In addition, if the reported high school was in a big city we checked all other high schools in that city. 3.) After the first two checks, if a case did not have 2 scores we checked all high school years without a score in the same manner as check 2.

-Finally, once Henmon-Nelson scores were located for spouses we followed an already established formula (see Cor652, Mem0124) to convert raw Henmon-Nelson scores for grades 9-12 taken in any year into the metric of Wisconsin IQ scores for Juniors in 1957. In this way (for example), a score from a spouse who took the test as a 9th grader in 1938 could be compared to a graduate who took the test as a Junior in 1956.

BRIEF VARIABLE DESCRIPTIONS:

NOTE: "Best measure" (bm) represents spouse's junior year score, if no junior score exists then we used the converted senior year score, if no senior then sophomore, if no sophomore then freshman.

sib_spwiiq_bm	Best measure of spouse IQ mapped from converted Henmon-Nelson score.
sib_sphnrs_bm	Best measure of spouse Henmon-Nelson raw score.
sib_spwicr_bm	Best measure of spouse WI centile rank based on converted Henmon-Nelson score.
sib_spncr_bm	Best measure of spouse National centile rank based on converted Henmon-Nelson score.
sib_spbook_flag_bm	Best measure of years difference between estimated graduation and WI book found in.
sib_iqsource	The grade level in which raw Henmon-Nelson scores

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	were converted into best measure IQ score.
sib_spwiiq_f	Spouse WI IQ based on the conversion of freshman raw Henmon-Nelson score
sib_sphnrs_f	Spouse converted freshman Henmon-Nelson score
sib_spwicr_f	Spouse WI centile rank based on converted freshman Henmon-Nelson score
sib_spncr_f	Spouse National centile rank based on converted freshman Henmon-Nelson score
sib_spwiiq_p	Spouse WI IQ based on the conversion of sophomore raw Henmon-Nelson score
sib_sphnrs_p	Spouse converted sophomore Henmon-Nelson score
sib_spwicr_p	Spouse WI centile rank based on converted sophomore Henmon-Nelson score
sib_spncr_p	Spouse National centile rank based on converted sophomore Henmon-Nelson score
sib_spwiiq_j	Spouse WI IQ based on the conversion of junior Henmon-Nelson score
sib_sphnrs_j	Spouse converted junior Henmon-Nelson score
sib_spwicr_j	Spouse WI centile rank based on converted junior Henmon-Nelson score
sib_spncr_j	Spouse National centile rank based on converted junior Henmon-Nelson score
sib_spwiiq_s	Spouse WI IQ based on the conversion of senior Henmon-Nelson score
sib_sphnrs_s	Spouse converted senior Henmon-Nelson score
sib_spwicr_s	Spouse WI centile rank based on converted senior Henmon-Nelson score
sib_spncr_s	Spouse National centile rank based on converted senior Henmon-Nelson score
sib_fbook_flag	Difference in years between estimated graduation and WI book score was found in for freshman
sib_pbook_flag	Difference in years between estimated graduation and WI book score was found in for sophomores
sib_jbook_flag	Difference in years between estimated graduation and WI book score was found in for juniors
sib_sbook_flag	Difference in years between estimated graduation and WI

book score was found in for seniors

**Note: For variable creation details please refer to COR652

sib_spwiiq_bm: Best measure of spouse IQ mapped from converted Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	287	361	648
61 - 91		158	166	324
92 - 101		145	187	332
102 - 109		143	195	338
111 - 120		128	171	299
121 - 139		85	99	184

sib_sphnrs_bm: Best measure of spouse Henmon-Nelson raw score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
14 - 49		159	168	327
50 - 57		144	186	330
58 - 63		133	166	299
64 - 70		125	180	305
71 - 86		100	120	220

Note: iqsource = ; f = freshman, p = sophomore, j = junior, s = senior

sib_spwcr_bm: Best measure of spouse WI centile rank based on converted Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	287	361	648
0 - 26		158	166	324
29 - 51		145	187	332
55 - 71		133	167	300
73 - 88		125	180	305
90 - 99		98	118	216

sib_spncr_bm: Best measure of spouse National centile rank based on converted Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
0 - 38		159	168	327
41 - 62		144	186	330
64 - 78		133	166	299
80 - 91		125	180	305
92 - 99		100	120	220

sib_spbook_flag_bm: Best measure of years difference between estimated graduation and WI book found in

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	557	659	1216
-13	PERCENT CHANGES OVER THE YEAR (VOL)	1	0	1
-3	REFUSED	1	1	2
-1	DON'T KNOW	5	7	12
0		332	398	730
1		46	111	157
2		1	0	1
3		2	1	3
4		1	0	1
5		0	2	2

sib_iqsource: The grade level in which raw Henmom-Nelson scores were converted into best measure IQ score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	285	359	644
"f"		54	84	138
"j"		509	654	1163
"p"		51	39	90
"s"		47	43	90

sib_spwiiq_f: Spouse WI IQ based on the conversion of freshman raw Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	291	362	653
-2	INAPPROPRIATE INAP	415	461	876
67 - 88		58	64	122
89 - 98		56	71	127
99 - 104		40	79	119
106 - 118		53	88	141
120 - 139		33	54	87

sib_sphnrs_f: Spouse converted freshman Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	415	461	876
6 - 47		64	67	131
48 - 55		56	71	127
56 - 61		48	90	138
62 - 70		45	77	122
71 - 81		33	54	87

sib_spwicr_f: Spouse WI centile rank based on converted freshman Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	291	362	653
-2	INAPPROPRIATE INAP	415	461	876
1 - 21		58	64	122
23 - 45		56	71	127
48 - 61		40	79	119
65 - 88		53	88	141
90 - 99		33	54	87

sib_spncr_f: Spouse National centile rank based on converted freshman Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	415	461	876
0 - 33		64	67	131
36 - 56		56	71	127
59 - 73		48	90	138
75 - 91		45	77	122
92 - 96		33	54	87

sib_spwiiq_p: Spouse WI IQ based on the conversion of sophomore raw Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	565	757	1322
61 - 92		23	13	36
94 - 99		18	13	31
101 - 106		21	19	40
107 - 120		19	12	31
121 - 133		15	6	21

sib_sphnrs_p: Spouse converted sophomore Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	565	756	1321
19 - 50		23	13	36
52 - 57		25	18	43
58 - 66		21	18	39
67 - 76		23	14	37
77 - 83		4	1	5

sib_spwicr_p: Spouse WI centile rank based on converted sophomore Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	565	757	1322
0 - 29		23	13	36
35 - 48		18	13	31
51 - 65		21	19	40
68 - 90		19	12	31
91 - 98		15	6	21

sib_spncr_p: Spouse National centile rank based on converted sophomore Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	565	756	1321
1 - 41		23	13	36
47 - 62		25	18	43
64 - 84		21	18	39
86 - 95		26	14	40
96 - 97		1	1	2

sib_spwiiq_j: Spouse WI IQ based on the conversion of junior Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	294	335	629
61 - 91		90	89	179
92 - 101		71	110	181
102 - 109		79	125	204
111 - 120		77	94	171
121 - 139		50	67	117

sib_sphnrs_j: Spouse converted junior Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	292	334	626
17 - 49		90	89	179
50 - 57		71	110	181
58 - 63		74	105	179
64 - 70		73	107	180
71 - 86		61	75	136

sib_spwicr_j: Spouse WI centile rank based on converted junior Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	294	335	629
0 - 26		90	89	179
29 - 51		71	110	181
55 - 71		74	105	179
73 - 88		73	107	180
90 - 99		59	74	133

sib_spncr_j: Spouse National centile rank based on converted junior Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	292	334	626
1 - 38		90	89	179
41 - 62		71	110	181
64 - 78		74	105	179
80 - 91		73	107	180
92 - 99		61	75	136

sib_spwiiq_s: Spouse WI IQ based on the conversion of senior Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	618	783	1401
67 - 92		7	9	16
93 - 101		11	7	18
102 - 109		11	5	16
111 - 117		9	10	19
118 - 133		5	6	11

sib_sphnrs_s: Spouse converted senior Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	618	783	1401
30 - 50		7	9	16
51 - 57		11	7	18
58 - 63		11	5	16
65 - 69		9	10	19
70 - 79		5	6	11

sib_spwicr_s: Spouse WI centile rank based on converted senior Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	618	783	1401
1 - 29		7	9	16
32 - 51		11	7	18
55 - 71		11	5	16
76 - 86		9	10	19
88 - 98		5	6	11

sib_spncr_s: Spouse National centile rank based on converted senior Henmon-Nelson score

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Frequencies				
Value	Label	Male	Female	Total
.	System missing - NR	285	359	644
-2	INAPPROPRIATE INAP	618	783	1401
5 - 41		7	9	16
44 - 62		11	7	18
64 - 78		11	5	16
82 - 90		9	10	19
91 - 96		5	6	11

sib_fbook_flag: Difference in years between estimated graduation and WI book score was found in for freshman

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	685	788	1473
-3	REFUSED	1	2	3
-2	INAPPROPRIATE INAP	3	0	3
-1	DON'T KNOW	5	3	8
0		39	68	107
1		209	316	525
2		2	1	3
3		1	1	2
5		1	0	1

sib_pbook_flag: Difference in years between estimated graduation and WI book score was found in for sophomores

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	829	1057	1886
-1	DON'T KNOW	5	0	5
0		94	76	170
1		17	46	63
30		1	0	1

sib_jbook_flag: Difference in years between estimated graduation and WI book score was found in for juniors

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	556	659	1215
-13	PERCENT CHANGES OVER THE YEAR (VOL)	1	0	1
-3	REFUSED	1	1	2
-2	INAPPROPRIATE INAP	1	0	1
-1	DON'T KNOW	5	7	12
0		332	398	730
1		46	111	157
2		1	0	1
3		2	1	3
4		1	0	1
5		0	2	2

sib_sbook_flag: Difference in years between estimated graduation and WI book score was found in for seniors

Data source: Sibling Spouse Respondent Collected in: 1957 Mode: Not Applicable
Source variables: none

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	900	1129	2029
0		43	35	78
1		3	15	18

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