

PIN 3 Psychosocial Variables in Continuous and Categorical Form

The following categorical variables are constructed from the psychosocial scales for the PIN 3/3*plus* cohort using the program `\pin3\data\programs\study\scales\psychosocial_cat_scales.sas`.

See documentation at the PIN 3 documentation website for a description of each of the scales and associated references (http://www.cpc.unc.edu/projects/pin/docs_3/psychosocial_scales_description.pdf).

Whenever a scale is used for publication from the PIN Study, it must have appropriate references for the origins of the scale.

The following is the description of the column headers in the table below:

source = the source questionnaire in the PIN 3 cohort

PI1 = phone interview #1, done between gestational weeks 17-22

PI2 = phone interview #2, done between gestational weeks 27-30

SAQ1 = self-administered questionnaire, distributed at 1st clinic visit at <20 weeks gestation (mean gestational age at completion ~ 16 weeks)

SAQ2 = self-administered questionnaire, distributed at 2nd clinic visit between gestational weeks 24-29 (mean gestational age at completion ~ 26 weeks)

continuous = the variable name for the continuous form of the scale

categorical = the variable name for the constructed categorical form; tertiles were used although some scales were not evenly distributed. When there were two administrations done, the same cutpoints were used for both, resulting in some uneven distributions. The cutpoints used are specified in the table.

reverse

categorical = variable name for the categorical variable after reverse coding when the referent category is not at the high end of the scale. This is done to be used with some statistical procedures (e.g., SAS `genmod`) where the highest value is used as the reference.

description = brief description of the scale (for interpretation, also see: http://www.cpc.unc.edu/projects/pin/docs_3/psychosocial_scales_description.pdf)

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source	continuous	categorical	reverse categorical	description
Sarason's life events				
PI1	letot_c N = 1768 range: 0-16	letot_c_cat 1 = 0 - < 3 (ref) 2 = 3 - < 6 3 = 6+	letot_c_cat_ro 1 = 6+ 2 = 3 - < 6 3 = 0 - < 3 (ref)	sum of all counts of events, regardless of impact
PI1	leneg_c N = 1823 range: 0 - 13	leneg_c_cat 1 = 0 - < 1 (ref) 2 = 1 - < 3 3 = 3+	leneg_c_cat_ro 1 = 3+ 2 = 1 - < 3 3 = 0 - < 1 (ref)	sum of counts of negative events
PI1	letot_s N = 1823 range: 0 - 41	letot_s_cat 1 = 0 - < 3 (ref) 2 = 3 - < 8 3 = 8+	letot_s_cat_ro 1 = 8+ 2 = 3 - < 8 3 = 0 - < 3 (ref)	sum of all impact scores (absolute values)
PI1	leneg2_s N = 1823 range: 0 - 35	leneg2_s_cat 1 = 0 - < 1 (ref) 2 = 1 - < 4 3 = 4+	leneg2_s_cat_ro 1 = 4+ 2 = 1 - < 4 3 = 0 - < 1 (ref)	sum of negative impact scores (uses absolute value)
SAQ2	letot_c2 N = 1364 range: 0 - 16	letot_c2_cat 1 = 0 - < 2 (ref) 2 = 2 - < 4 3 = 4+	letot_c2_cat_ro 1 = 4+ 2 = 2 - < 4 3 = 0 - < 2 (ref)	sum of all counts of events, regardless of impact
SAQ2	leneg_c2 N = 1425 range: 0 - 30	leneg_c2_cat 1 = 0 - < 1 (ref) 2 = 1 - < 3 3 = 3 +	leneg_c2_cat_ro 1 = 3+ 2 = 1 - < 3 3 = 0 - < 1 (ref)	sum of counts of negative events
SAQ2	letot_s2 N = 1425 range: 0 - 59	letot_s2_cat 1 = 0 - < 2 (ref) 2 = 2 - < 6 3 = 6+	letot_s2_cat_ro 1 = 6+ 2 = 2 - < 6 3 = 0 - < 2 (ref)	sum of all impact scores (absolute values)
SAQ2	leneg_s2 N = 1823 range: -54 - 0	n/a	n/a	sum of negative impact scores (raw score); use leneg2_s2 instead
SAQ2	leneg2_s2 N = 1425 range: 0 - 54	leneg2_s2_cat 1 = 0 - < 1 (ref) 2 = 1 - < 4 3 = 4+	leneg2_s2_cat_ro 1 = 4+ 2 = 1 - < 4 3 = 0 - < 1 (ref)	sum of negative impact scores (uses absolute value)

source	continuous	categorical	reverse categorical	description
Cohen's Perceived Stress Scale				
PI1	pss_tot1 N = 1821 range: 1 - 55	pss1_cat 1 = 0 - <17 (ref) 2 = 17 - <23 3 = 23+	pss1_cat_ro 1 = 23+ 2 = 17 - <23 3 = 0 - <17 (ref)	14-item administered at Phone Interview #1
PI2	pss_tot2 N = 1669 range: 0 - 40	pss2_cat 1 = 0 - <11 (ref) 2 = 11 - <17 3 = 17+	pss2_cat_ro 1 = 17+ 2 = 11 - <17 3 = 0 - <11 (ref)	10-item administered at Phone Interview #2
Orr's pregnancy anxiety items				
SAQ1	orr_c N = 1655 range: 0 - 10	orr_c_cat 1 = 0 - < 4 (ref) 2 = 4 - < 6 3 = 6+	orr_c_cat_ro 1 = 6+ 2 = 4 - < 6 3 = 0 - < 4 (ref)	sum of all counts of pregnancy anxiety items
SAQ1	ornneg_c N = 1696 range: 0 - 9	ornneg_c_cat 1 = 0 - < 2 (ref) 2 = 2 - < 4 3 = 4+	ornneg_c_cat_ro 1 = 4+ 2 = 2 - < 4 3 = 0 - < 2 (ref)	sum of negative counts of pregnancy anxiety items
SAQ1	orrtot_s N = 1696 range: 0 - 30	orrtot_s_cat 1 = 0 - < 4 (ref) 2 = 4 - < 8 3 = 8+	orrtot_s_cat_ro 1 = 8+ 2 = 4 - < 8 3 = 0 - < 4 (ref)	sum of all impacts of pregnancy anxiety items
SAQ1	orneg2_s N = 1696 range: 0 - 24	ornneg2_s_cat 1 = 0 - < 2 (ref) 2 = 2 - < 5 3 = 5+	ornneg2_s_cat_ro 1 = 5+ 2 = 2 - < 5 3 = (ref) 0 - < 2	sum of absolute values of negative impacts of pregnancy anxiety items
SAQ2	orr_c2 N = 1391 range: 0 - 10	orr_c2_cat 1 = 0 - < 4 (ref) 2 = 4 - < 6 3 = 6+	orr_c2_cat_ro 1 = 6+ 2 = 4 - < 6 3 = 0 - < 4 (ref)	sum of all counts of pregnancy anxiety items
SAQ2	ornneg_c2 N = 1425 range: 0 - 9	ornneg_c2_cat 1 = 0 - < 2 (ref) 2 = 2 - < 4 3 = 4+	ornneg_c2_cat_ro 1 = 4+ 2 = 2 - < 4 3 = 0 - < 2 (ref)	sum of negative counts of pregnancy anxiety items
SAQ2	orrtot_s2 N = 1425 range: 0 - 24	orrtot_s2_cat 1 = 0 - < 4 (ref) 2 = 4 - < 8 3 = 8+	orrtot_s2_cat_ro 1 = 8+ 2 = 4 - < 8 3 = 0 - < 4 (ref)	sum of all impacts of pregnancy anxiety items
SAQ2	orneg2_s2 N = 1425 range: 0 - 19	ornneg2_s2_cat 1 = 0 - < 2(ref) 2 = 2 - < 5 3 = 5+	ornneg2_s2_cat_ro 1 = 5+ 2 = 2 - < 5 3 = 0 - < 2 (ref)	sum of absolute values of negative impacts of pregnancy anxiety items

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Rini Pregnancy Anxiety Scale				
PI2	rini_tot N = 1670 range: 10 - 35	rini_cat 1 = 0 - < 16 (ref) 2 = 16 - < 20 3 = 20+	rini_cat_ro 1 = 20+ 2 = 16 - < 20 3 = 0 - < 16 (ref)	pregnancy-related anxiety scale, sum of items
State-Trait Anxiety Inventory (STAI)				
SAQ1	stai_t N = 1692 range: 20 - 77	stai_t_cat 1 = 0 - < 31 (ref) 2 = 31 - < 40 3 = 40+	stai_t_cat_ro 1 = 40+ 2 = 31 - < 40 3 = 0 - < 31 (ref)	Trait anxiety
SAQ1	stai_s N = 1685 range: 20 - 80	stai_s1_cat 1 = 0 - < 29 (ref) 2 = 29 - < 39 3 = 39+	stai_s1_cat_ro 1 = 39+ 2 = 29 - < 39 3 = 0 - < 29 (ref)	State anxiety
SAQ12	stai_s2 N = range: 20 - 80	stai_s2_cat 1 = 0 - < 29 (ref) 2 = 29 - < 39 3 = 39+	stai_s2_cat_ro 1 = 39+ 2 = 29 - < 39 3 = 0 - < 29 (ref)	State anxiety
Rosenberg's Self-esteem Scale				
SAQ1	self_scor N = 1681 range: 15 - 60	self_cat 1 = 0 - < 50 2 = 50 - < 56 3 = 56+ (ref)	n/a	self-esteem
Pearlin's Mastery Scale				
SAQ1	mast_scor N = 1672 range: 12 - 42	mast_cat 1 = 0 - < 33 2 = 33 - < 37 3 = 37+ (ref)	n/a	mastery

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Levenson's Locus of Control – Internality				
SAQ1	ipc_i N = 1656 range: 8 - 48	ipc_i_cat 1 = 0 - <34 2 = 34 - <38 3 = 38+	n/a	internality subscale of LOC
Levenson's Locus of Control – Powerful Others				
SAQ1	ipc_p N = 1641 range: 7 - 36	ipc_p_cat 1 = 0 - <15 2 = 15 - <19 3 = 19+	n/a	powerful others subscale of LOC
Levenson's Locus of Control – Chance				
SAQ1	ipc_c N = 1648 range: 8 - 42	ipc_c_cat 1 = 0 - <19 2 = 19 - <23 3 = 23+	n/a	chance subscale of LOC
Fetal Locus of Control – Internality				
SAQ1	fhipc_i N = 1675 range: 11 - 36	fhipc_i_cat 1 = 0 - < 29 2 = 29 - < 31 3 = 31+	n/a	internality subscale of fetal LOC
Fetal Locus of Control – Powerful Others				
SAQ1	fhipc_p N = 1654 range: 3 - 36	fhipc_p_cat 1 = 0 - < 16 2 = 16 - < 20 3 = 20+	n/a	powerful others subscale of fetal LOC
Fetal Locus of Control – Chance				
SAQ1	fhipc_c N = 1646 range: 6 - 36	fhipc_c_cat 1 = 0 - < 20 2 = 20 - < 25 3 = 25+	n/a	chance subscale of fetal LOC

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MOS Social support				
SAQ1	ss_total N = 1688 range: 21 - 95	ss_cat 1 = 0 - <78 2 = 78 - <89 3 = 89+ (ref)	n/a	sum of all items in the scale
SAQ1	ss_frend N = 1653 range: 0 - 60	n/a	n/a	count of friends she feels close to and can talk to or ask for help
SAQ1	ss_relat N = 1650 range: 0 - 50	n/a	n/a	count of relatives she feels close to and can talk to or ask for help
SAQ1	ss_relfr N = 1644 range: 0 - 80	n/a	n/a	count of friends + relatives
SAQ1	ss_affec N = 1688 range: 3 -15	ss_affec_cat 1 = 0 - 13 2 = >13 - < 15 3 = 15+	n/a	social support subscale: affectionate support
SAQ1	ss_combo N = 1688 range: 8 - 40	ss_combo_cat 1 = 0 - < 33 2 = 33 - < 39 3 = 39+	n/a	social support subscale: combination of emotional/ informational support (love & empathy) & providing feedback & guidance
SAQ1	ss_inter N = 1689 range: 3 - 15	ss_inter_cat 1 = 0 - < 12 2 = 12 - < 14 3 = 14+	n/a	social support subscale: positive social interactive (companionship in leisure & other activities)
SAQ1	ss_tangi N = 1688 range: 4 - 20	ss_tangi_cat 1 = 0 - < 16 2 = 16 - < 19 3 = 19+	n/a	social support subscale: tangible or instrumental support
John Henryism Active Coping Scale				
SAQ2	cope_tot N = 1418 range: 14 - 60	cope_cat 1 = 0 - < 45 2 = 45 - < 50 3 = 50+	cope_cat_ro 1 = 50+ 2 = 45 - < 50 3 = 0 - < 45	active coping

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Depression (CES-D)				
SAQ1	ces_scor1 N = 1685 range: 0 - 54	cesd1_cat 1 = 0 - <17 (ref) 2 = 17 - <25 3 = 25+	cesd1_cat_ro 1 = 25+ 2 = 17 - <25 3 = 0 - <17 (ref)	depression symptoms (cutpoint is higher than used in non-pregnant populations which usually use 16)
SAQ2	ces_scor2 N = 1421 range: 0 - 55	cesd2_cat 1 = 0 - <17 (ref) 2 = 17 - <25 3 = 25+	cesd2_cat_ro 1 = 25+ 2 = 17 - <25 3 = 0 - <17 (ref)	depression symptoms (cutpoint is higher than used in non-pregnant populations which usually use 16)
Perception of Neighborhood Safety				
PI2	nhood N = 1627 range: 8 -35	nhood_cat 1 = 0 - < 11 2 = 11 - < 14 3 = 14+	nhood_cat_ro 1 = 14+ 2 = 11 - < 14 3 = 0 - < 11	perceptions of neighborhood safety (sum of items)