Cold Study Publication: Cohen, S., Doyle, W. J., Skoner, D. P., Rabin, B. S., & Gwaltney, J. M., Jr. (1997). Social ties and susceptibility to the common cold. *Journal of the American Medical Association, 277*, 1940-1944.

Data Set: PCS1

Study Variable	Data Set Variable(s)
Independent Variables	
Social integration	sni.integration
Social network size	sni.network
Dependent Variables	
Infection	post.infected
Mucus production	post.mucwt_tot[†]
Nasal mucociliary clearance function	post.nasclr_avg[†]
Clinical cold (objective criterion)	post.objcold
Subjective cold (Jackson criterion)	post.subjcold
Self-reported cold	post.colddays: if >0, self-reported cold = 1; if=0, self-reported cold = 0
Standard Covariates	
Pre-challenge antibody titer (quartiled)	pcs1.pre_ab: recoded as follows: (1 = 1)(2 thru 4 = 2)(8 thru 16 = 3)(32 thru highest = 4)
Age (continuous)	age
Sex	sex
Body mass index	bodymass
Race [white, other]	race.white
Virus type	pcs1.virus
Season	fall
Education (tertiled)	educ.9level: if $\geq$ 1 and $\leq$ 3, covariate = 1; if $\geq$4 and <6, covariate = 2; if $\geq$6, covariate = 3.
Pathway Variables	
Smoking rate	smk.now
Alcohol consumption	alc.totdrnks (divided by 7 to approximate average drinks per day)[†]
Exercise	act.vigwk
Sleep quality	psqi.slqul
Sleep latency	psqi.flslp: if $\geq$0 and $\leq$15, latency = 0; if >15 and $\leq$30, latency = 1; if >30 and $\leq$60, latency = 2; if >60, latency = 3
Sleep disturbance[††]	psqi.wake, psqi.bthrm, psqi.brth, psqi.snor, psqi.cold, psqi.hot, psqi.drms, psqi.pain, psqi.othr: variables summed and recoded as follows: if 0, disturb = 0; if >1 and <9, disturb = 1; if >9 and <18, disturb = 2; if >18, disturb = 3.
Sleep efficiency	psqi.efficiency
Dietary vitamin C	totvitc[†]
Dietary zinc	totzinc[†]
Urinary norepinephrine	u24.ne_mcgvol[†]
Urinary epinephrine	u24.epi_mcgvol[†]

Study Variable	Data Set Variable(s)
Urinary cortisol	u24.cort_mcgvol[†]
Natural killer cell cytotoxicity	nk.cytox_avg
Personality	
Extraversion	gb5.extravg
Agreeableness	gb5.agrbavg
Conscientiousness	gb5.conscavg
Emotional stability	gb5.emotavg
Openness	gb5.openavg

[†]Subjected to $\log_{10}$-transformation prior to analysis. To accommodate variables with 0 values, +1 was added to each variable prior to $\log_{10}$-transformation.

[††]See University of Pittsburgh Sleep Medicine Institute for more scoring information.