

Cold Study Publication: Cohen, S., Alper, C.M., Doyle, W.J., Adler, N., Treanor, J.J., & Turner, R.B. (2008). Objective and subjective socioeconomic status and susceptibility to the common cold. *Health Psychology, 27*, 268-274.

Data Set: PMBC

Study Variable	Data Set Variable(s)
Independent Variables	
Subjective SES	sesusa
Educational attainment	educ.years
Household income	incm.cont [†]
Dependent Variables	
Clinical cold (objective criterion)	post.objcold
Infection	post.infected
Mucus production	post.mucwt_tot [†]
Nasal mucociliary clearance function	post.nasclr_avg [†]
Self-reported symptoms	symptoms _x = $\sum_{x=1}^6$ (qx.nascon_adj, qx.sneez_adj, qx.runno_adj, qx.earach_adj, qx.sinpn_adj, qx.srthr_adj, qx.cough_adj, qx.chstcon_adj).
Standard Covariates	
Pre-challenge antibody titer	screen_ab, recoded as follows: pmbc.virus = 1: if ≥ 4 covariate = 1; if < 4 covariate = 0. pmbc.virus = 0: if ≥ 2 covariate = 1; if < 2 covariate = 0
Race [white, black, other]	race.white, race.black
Virus type	pmbc.virus
Potential Confounders and Mediators	
Mastery	mst.total
Optimism	lotr.optm
Self-esteem	rse.total
Purpose (life engagement)	let.total
Extraversion	gb5.extravg
Positive emotional style	di.posaf_avg
Negative emotional style	di.negaf_avg
Average # cigarettes per day	(di.smknavg) ^{1/2}
Smoking status	di.smknavg, recoded as follows: If ≥ 1 status = 1; if < 1 status = 0
Average # drinks per day	di.alcdyavg
# Days of exercise per week	di.exrdays/2
Average sleep duration	di.slphr_avg
Average sleep efficiency	di.slpeff_avg

[†]Subjected to log₁₀-transformation prior to analysis. To accommodate variables with 0 values, +1 was added to each variable prior to log₁₀-transformation.