

BHAPC Variance Decomposition by Survey

Variance components from Bayesian HAPC model

Survey	Period Var	Period %	Cohort Var	Cohort %	Residual Var	Residual %	Total Var
BRFSS	0.0035	0.30%	0.0221	1.89%	1.0456	89.28%	1.1710
MEPS	0.0025	0.25%	0.0162	1.66%	0.9274	95.12%	0.9750
NHIS	0.0006	0.05%	0.0042	0.38%	1.0412	96.31%	1.0811
CPS	0.0004	0.03%	0.0047	0.44%	1.0555	99.52%	1.0605
NHANES	0.0165	1.50%	0.0028	0.26%	1.0535	95.84%	1.0992
GSS*	0.0009	0.14%	0.0157	2.35%	0.6516	97.51%	0.6682

**GSS uses 4-point SRH scale (1–4); other surveys use 5-point scale (1–5). Period and Cohort are random effect variances.*