BHAPC Variance Decomposition by Survey

BRFSS

Component	Variance	% Total	SD
PSU:Strata	0.0723	6.18%	0.2689
Strata	0.0276	2.35%	0.1661
Cohort	0.0221	1.89%	0.1487
Period	0.0035	0.30%	0.0591
Residual	1.0456	89.28%	1.0225
Total	1.1710	100.00%	1.0822

MEPS

Component	Variance	% Total	SD
PSU:Strata	0.0184	1.89%	0.1358
Strata	0.0105	1.07%	0.1023
Cohort	0.0162	1.66%	0.1271
Period	0.0025	0.25%	0.0498
Residual	0.9274	95.12%	0.9630
Total	0.9750	100.00%	0.9874

NHIS

Component	Variance	% Total	SD
PSU:Strata	0.0078	0.72%	0.0881
Strata	0.0274	2.53%	0.1655
Cohort	0.0042	0.38%	0.0645
Period	0.0006	0.05%	0.0243
Residual	1.0412	96.31%	1.0204
Total	1.0811	100.00%	1.0397

CPS

Component	Variance	% Total	SD
Cohort	0.0047	0.44%	0.0684
Period	0.0004	0.03%	0.0188
Residual	1.0555	99.52%	1.0274
Total	1.0605	100.00%	1.0298

NHANES

Component	Variance	% Total	SD
PSU:Strata	0.0229	2.08%	0.1513
Strata	0.0035	0.32%	0.0591
Cohort	0.0028	0.26%	0.0533
Period	0.0165	1.50%	0.1283
Residual	1.0535	95.84%	1.0264
Total	1.0992	100.00%	1.0484

GSS*

Component	Variance	% Total	SD
Cohort	0.0157	2.35%	0.1252
Period	0.0009	0.14%	0.0305
Residual	0.6516	97.51%	0.8072
Total	0.6682	100.00%	0.8175

GSS uses 4–point SRH scale (1–4); other surveys use 5–point scale (1–5)