

BHAPC Model Results: Fixed Effects and Variance Components

Estimates with 90% credible intervals

Survey	Age (linear)	Age (quadratic)	Log weight	Period var	Cohort var	Residual var
BRFSS	NA	NA	NA	NA	NA	NA
MEPS	−0.0367 [−0.0391, −0.0343]	1.98e−04 [0.000179, 0.000218]	0.2072 [0.2018, 0.2126]	0.0025 (0.3%)	0.0162 (1.7%)	0.9274 (98%)
NHIS	−0.0213 [−0.0229, −0.0197]	2.00e−05 [6e−06, 3.5e−05]	−4.00e−04 [−0.0011, 3e−04]	6.00e−04 (0.1%)	0.0042 (0.4%)	1.0412 (99.5%)
CPS	−0.0147 [−0.0166, −0.0127]	−7.10e−05 [−9e−05, −5.2e−05]	−0.0121 [−0.0169, −0.0073]	4.00e−04 (0%)	0.0047 (0.4%)	1.0555 (99.5%)
NHANES	−0.0269 [−0.0302, −0.0237]	1.59e−04 [0.000128, 0.000192]	0.0144 [0.012, 0.0167]	0.0165 (1.5%)	0.0028 (0.3%)	1.0535 (98.2%)
GSS*	−0.0171 [−0.0191, −0.015]	6.80e−05 [4.8e−05, 8.6e−05]	0.0394 [0.028, 0.0508]	9.00e−04 (0.1%)	0.0157 (2.3%)	0.6516 (97.5%)

*GSS uses 4-point SRH scale (1–4); other surveys use 5-point scale (1–5). Variance shown as value (% of total).