

## 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	-0.0318 [-0.0345, -0.0292]	1.60e-04 [0.000143, 0.000178]	-0.0170 [-0.0206, -0.0134]	0.0035 (0.3%)	0.0221 (2.1%)	1.0456 (97.6%)
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).