

# BHAPC Model Results: Fixed Effects and Variance Components

**BRFSS**  
*Analysis  
in progress*

Effect	Est	90% CI
--- Fixed Effects ---		
Age (linear)	-0.0367	[-0.0391, -0.0343]
Age (quadratic)	1.98e-04	[0.000179, 0.000218]
Log weight	0.2072	[0.2018, 0.2126]
--- Variance ---		
Period variance	0.0025	(0.3%)
Cohort variance	0.0162	(1.7%)
Residual variance	0.9274	(98%)
Total variance	0.9460	(100%)

Effect	Est	90% CI
--- Fixed Effects ---		
Age (linear)	-0.0213	[-0.0229, -0.0197]
Age (quadratic)	2.00e-05	[6e-06, 3.5e-05]
Log weight	-4.00e-04	[-0.0011, 3e-04]
--- Variance ---		
Period variance	6.00e-04	(0.1%)
Cohort variance	0.0042	(0.4%)
Residual variance	1.0412	(99.5%)
Total variance	1.0459	(100%)

Effect	Est	90% CI
--- Fixed Effects ---		
Age (linear)	-0.0147	[-0.0166, -0.0127]
Age (quadratic)	-7.10e-05	[-9e-05, -5.2e-05]
Log weight	-0.0121	[-0.0169, -0.0073]
--- Variance ---		
Period variance	4.00e-04	(0%)
Cohort variance	0.0047	(0.4%)
Residual variance	1.0555	(99.5%)
Total variance	1.0605	(100%)

Effect	Est	90% CI
--- Fixed Effects ---		
Age (linear)	-0.0269	[-0.0302, -0.0237]
Age (quadratic)	1.59e-04	[0.000128, 0.000192]
Log weight	0.0144	[0.012, 0.0167]
--- Variance ---		
Period variance	0.0165	(1.5%)
Cohort variance	0.0028	(0.3%)
Residual variance	1.0535	(98.2%)
Total variance	1.0728	(100%)

Effect	Est	90% CI
--- Fixed Effects ---		
Age (linear)	-0.0171	[-0.0191, -0.015]
Age (quadratic)	6.80e-05	[4.8e-05, 8.6e-05]
Log weight	0.0394	[0.028, 0.0508]
--- Variance ---		
Period variance	9.00e-04	(0.1%)
Cohort variance	0.0157	(2.3%)
Residual variance	0.6516	(97.5%)
Total variance	0.6682	(100%)