

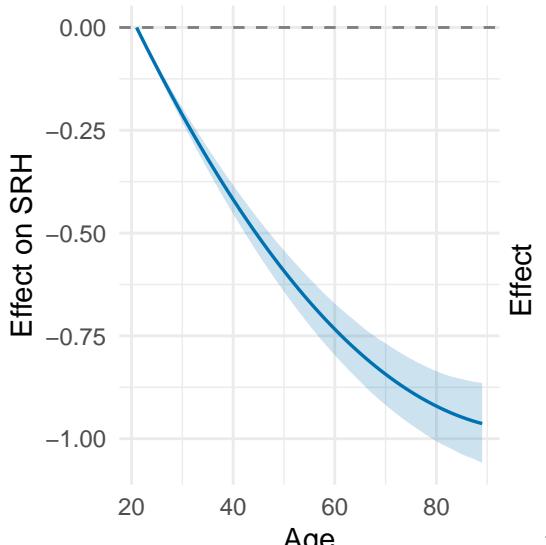
BRFSS BHAPC Analysis Summary

Bayesian Hierarchical Age-Period-Cohort decomposition (N = 200,034)

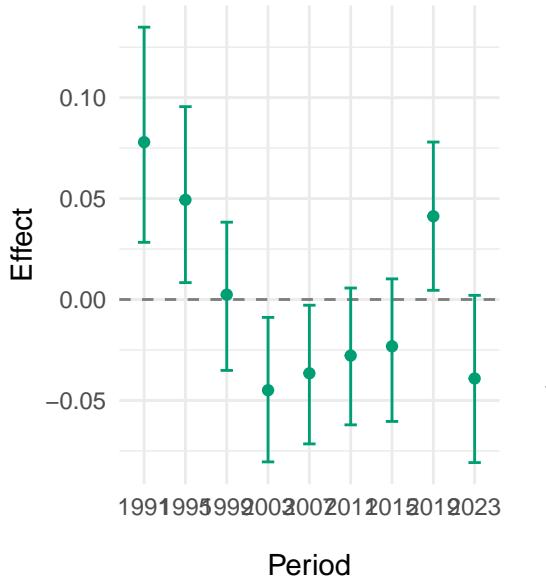
Variance Decomposition

Component	Var	%
PSU:Strata	0.072	6.2%
Strata	0.028	2.4%
Cohort	0.022	1.9%
Period	0.003	0.3%
Residual	1.046	89.3%

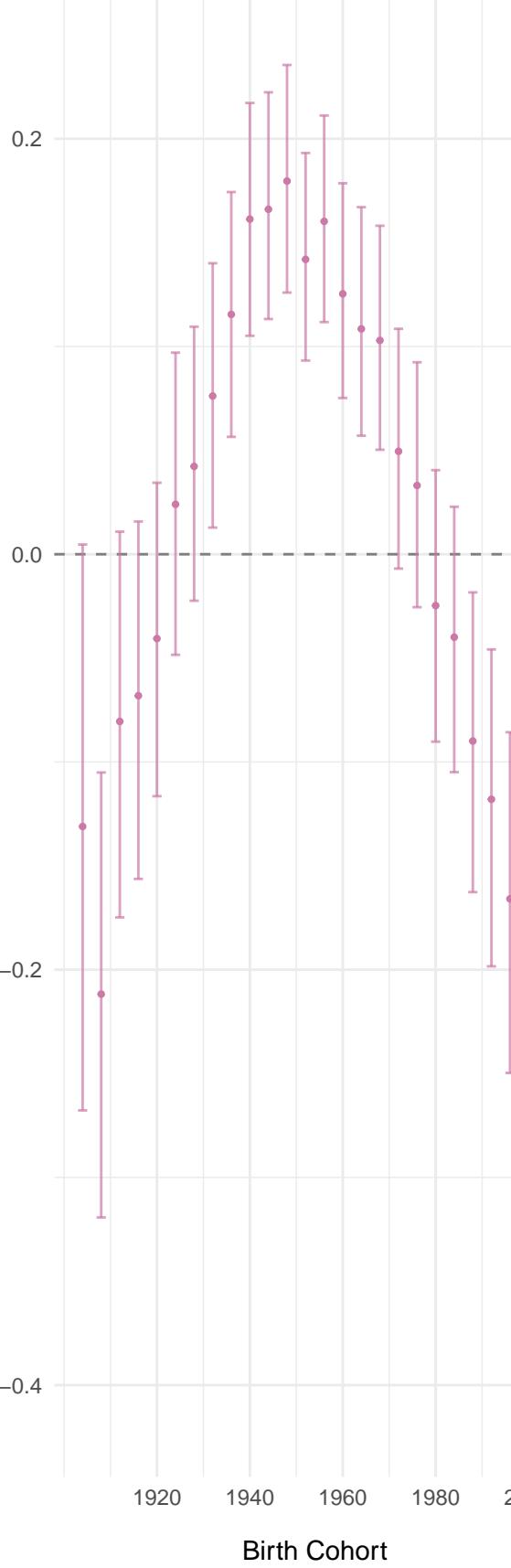
Age Effect



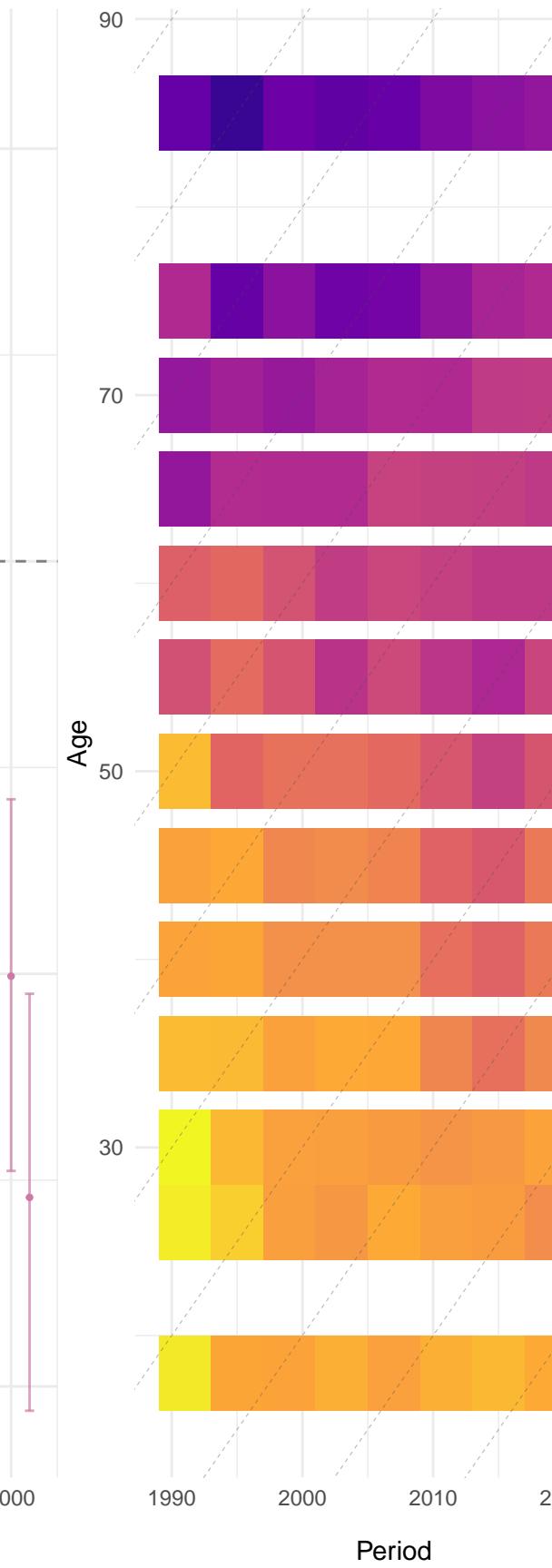
Period Effects



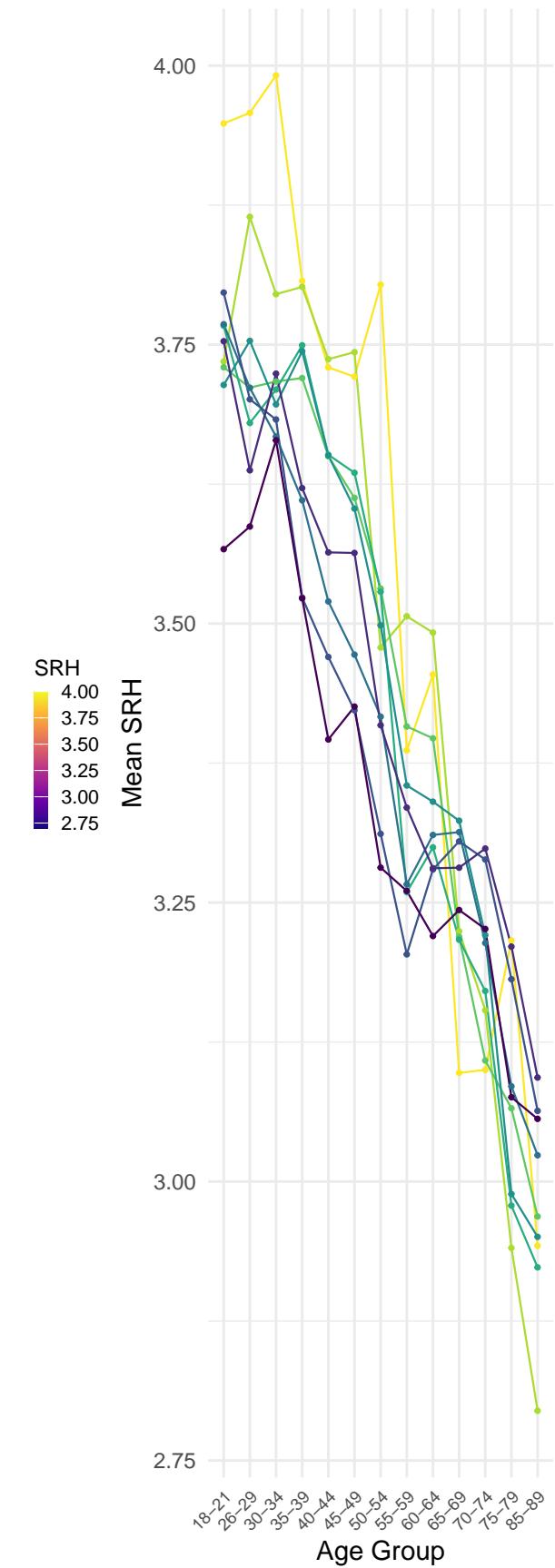
Cohort Effects



Lexis Diagram

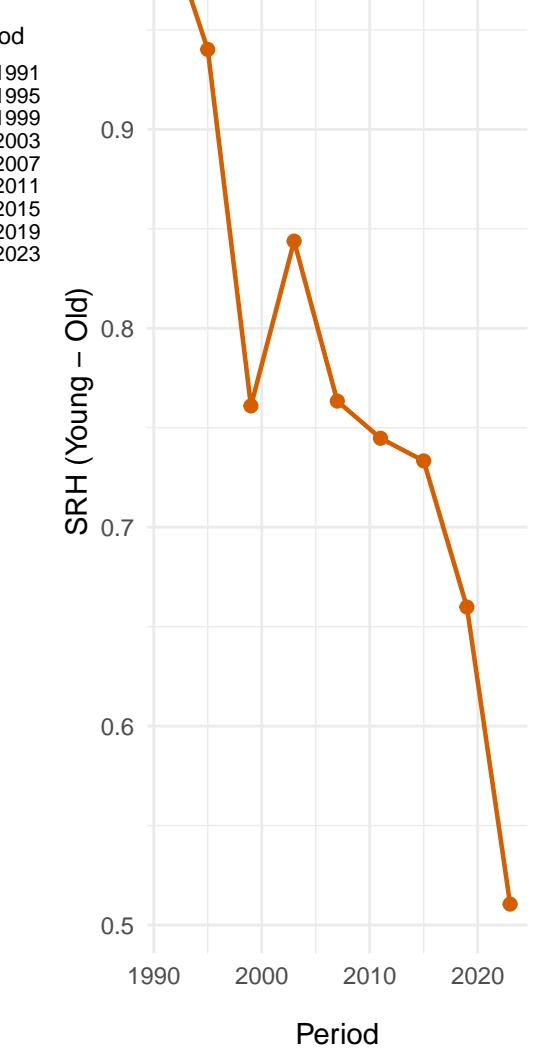


Mean SRH by Age & Period



Period	Young	Old	Gradient
1991	3.95	2.94	1.006
1995	3.73	2.79	0.940
1999	3.73	2.97	0.761
2003	3.77	2.92	0.844
2007	3.71	2.95	0.763
2011	3.77	3.02	0.745
2015	3.80	3.06	0.733
2019	3.75	3.09	0.660
2023	3.57	3.06	0.511

Age Gradient Trend



Higher SRH = better health. Error bars/ribbons show 90% CIs. Note: Model may have convergence issues (Rhat > 1.01).