

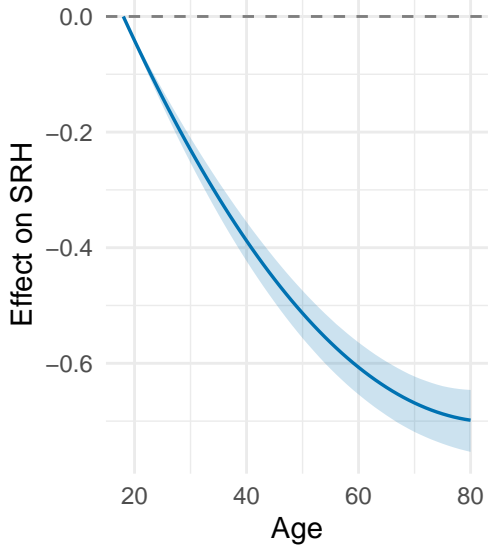
NHANES BHAPC Analysis Summary

Bayesian Hierarchical Age–Period–Cohort decomposition (N = 75,367)

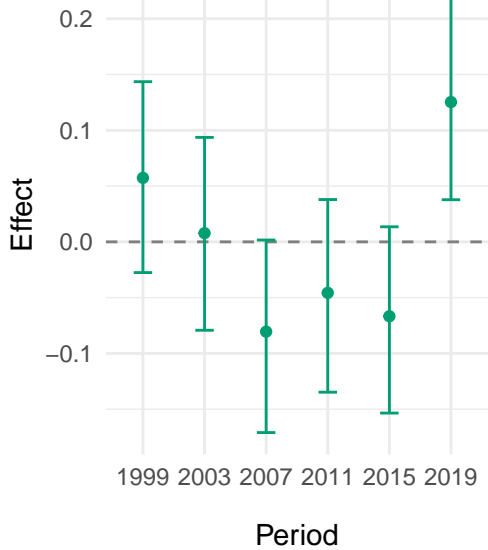
Variance Decomposition

Component	Var	%
Residual	0.023	2.1%
Residual	0.003	0.3%
Cohort	0.003	0.3%
Period	0.016	1.5%
Residual	1.054	95.8%

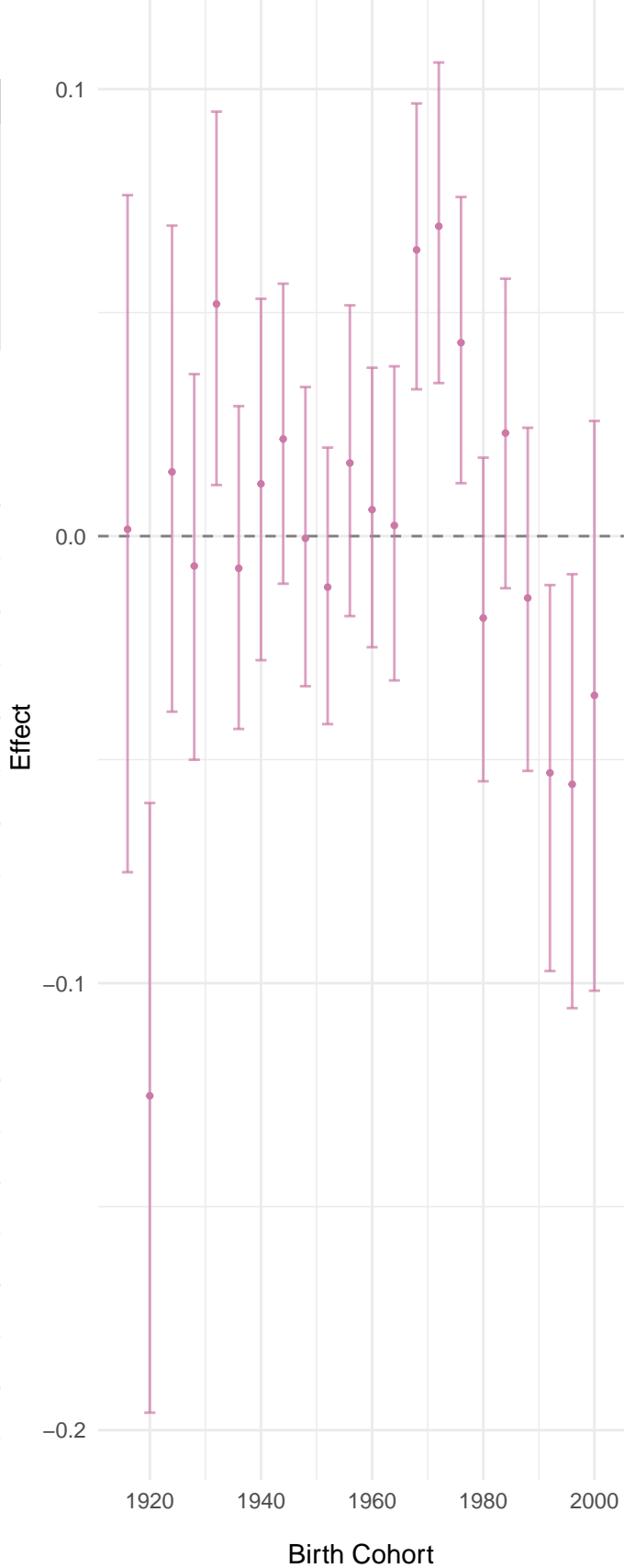
Age Effect



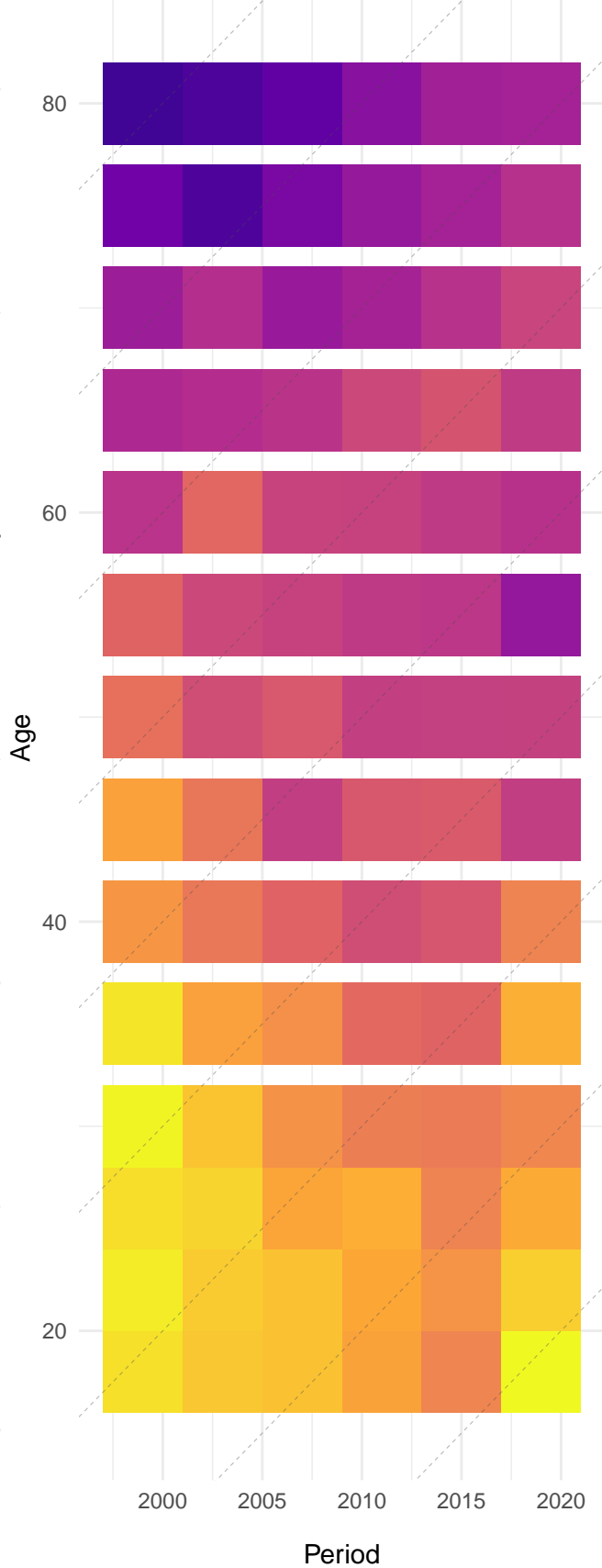
Period Effects



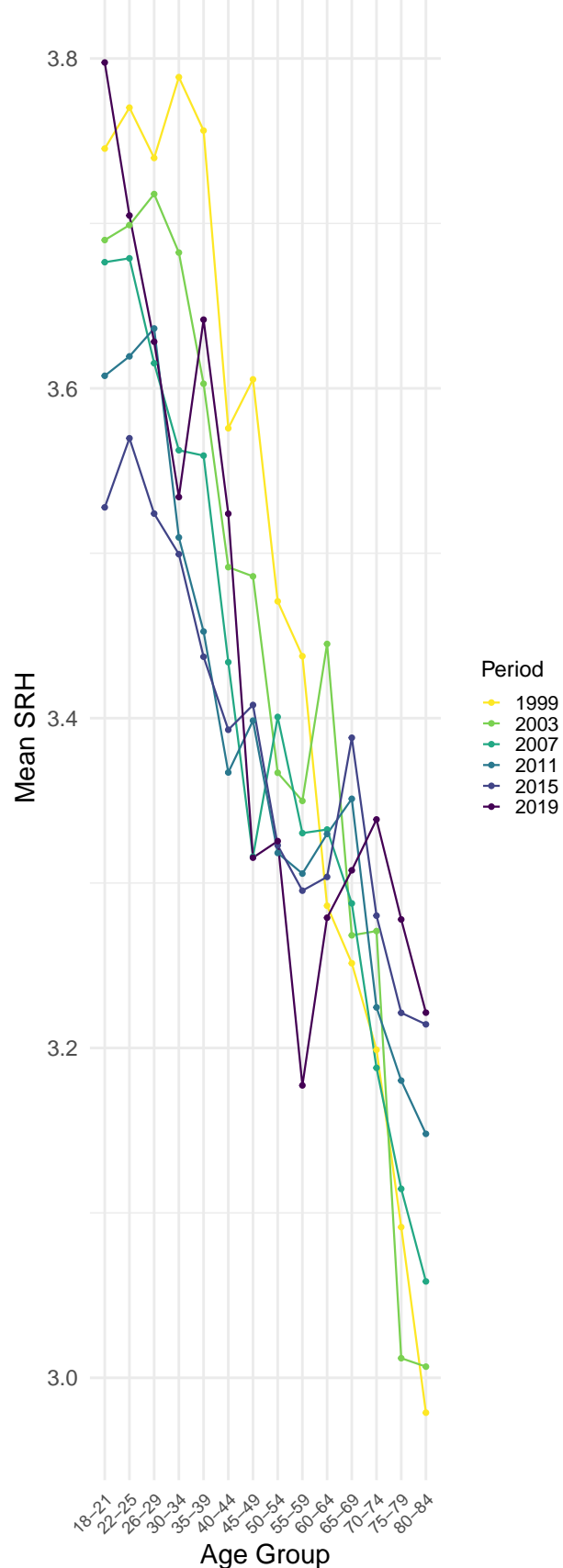
Cohort Effects



Lexis Diagram



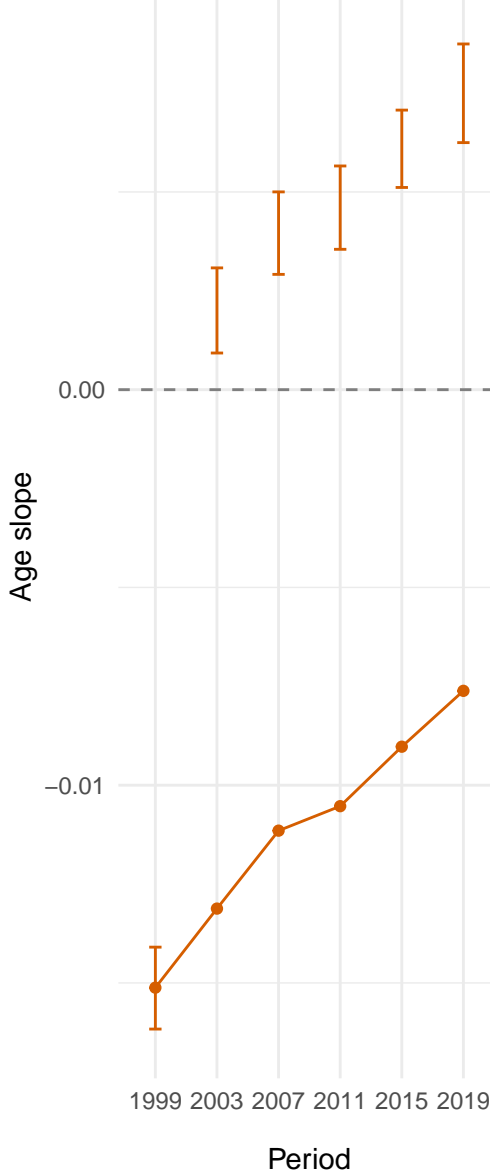
Mean SRH by Age & Period



Age x Period Interaction

Period	Slope	vs ref	
1999	-0.0151	+0.0000	ref
2003	-0.0131	+0.0020	***
2007	-0.0111	+0.0040	***
2011	-0.0105	+0.0046	***
2015	-0.0090	+0.0061	***
2019	-0.0076	+0.0075	***

Age Slope by Period



Higher SRH = better health. Error bars/ribbons show 90% CIs. *** = significant (CI excludes 0).