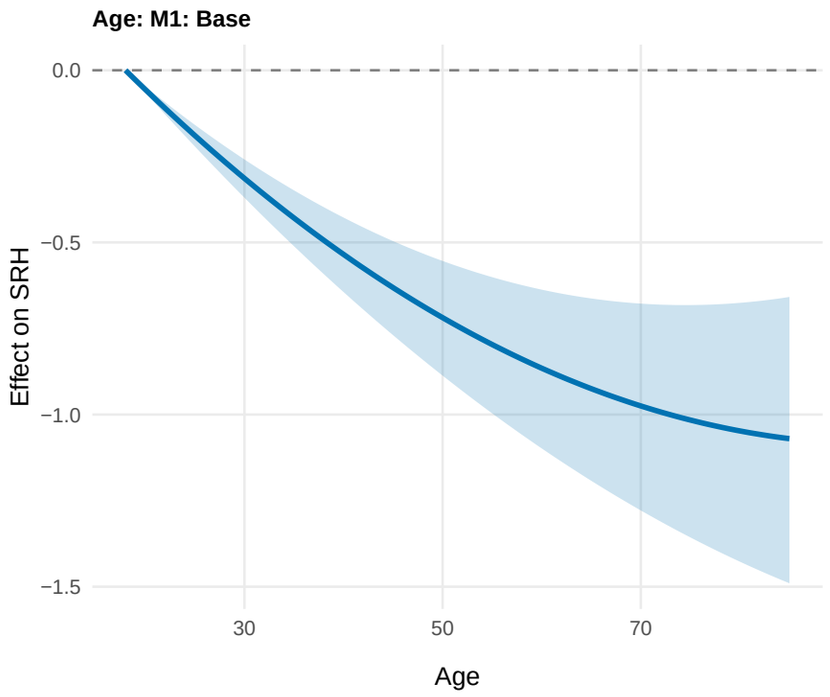
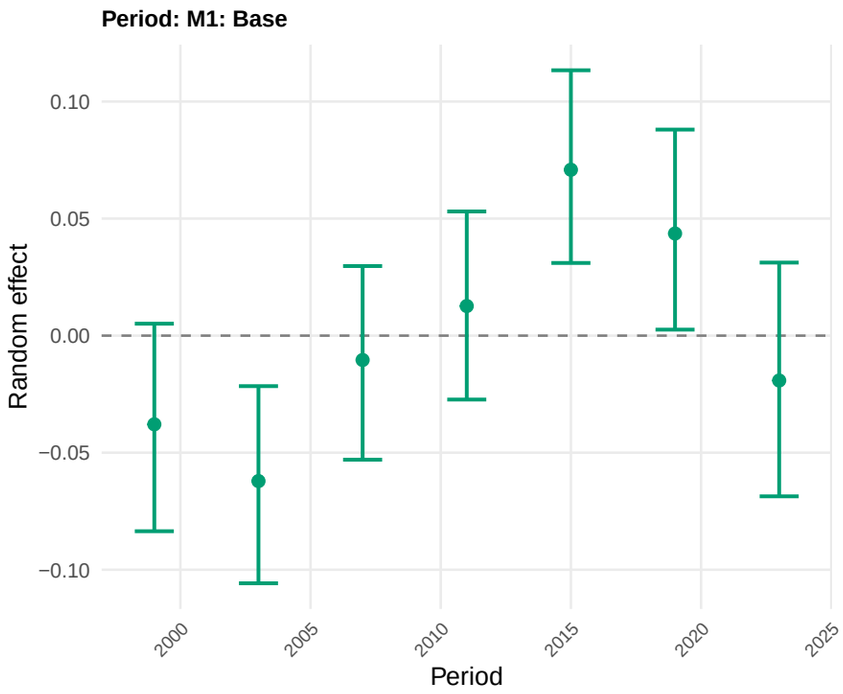
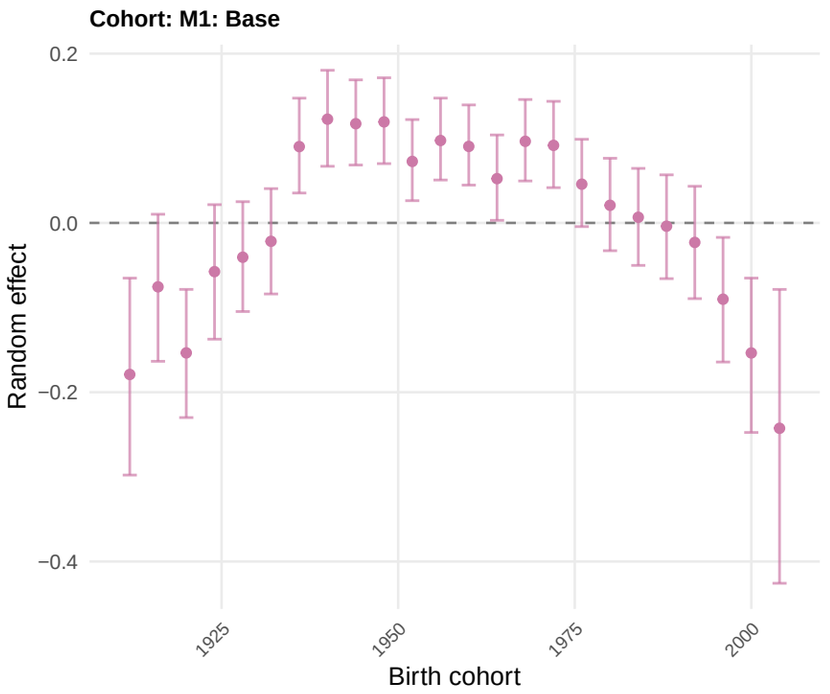
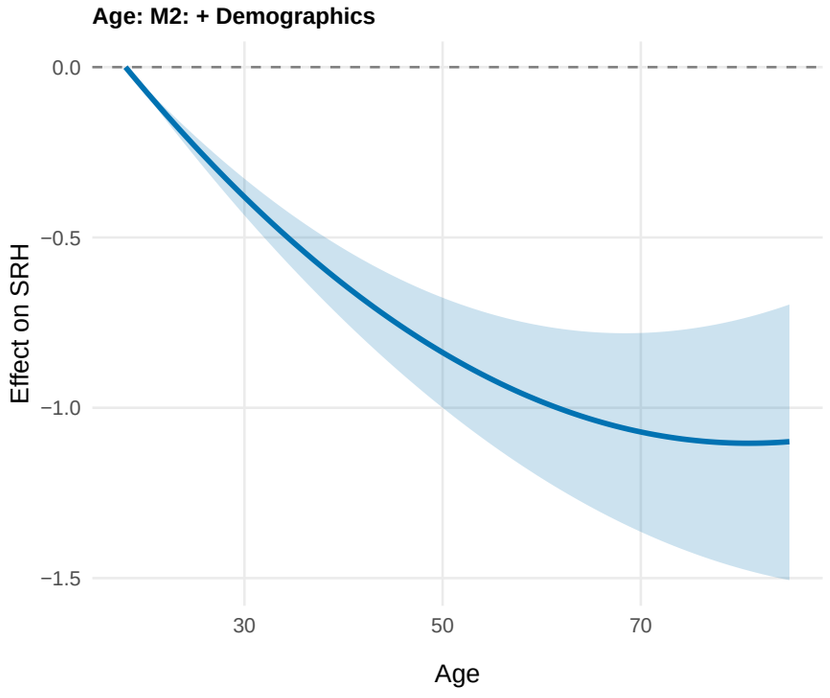
MEPS BHAPC: Effect of Covariate Adjustment on APC Decomposition

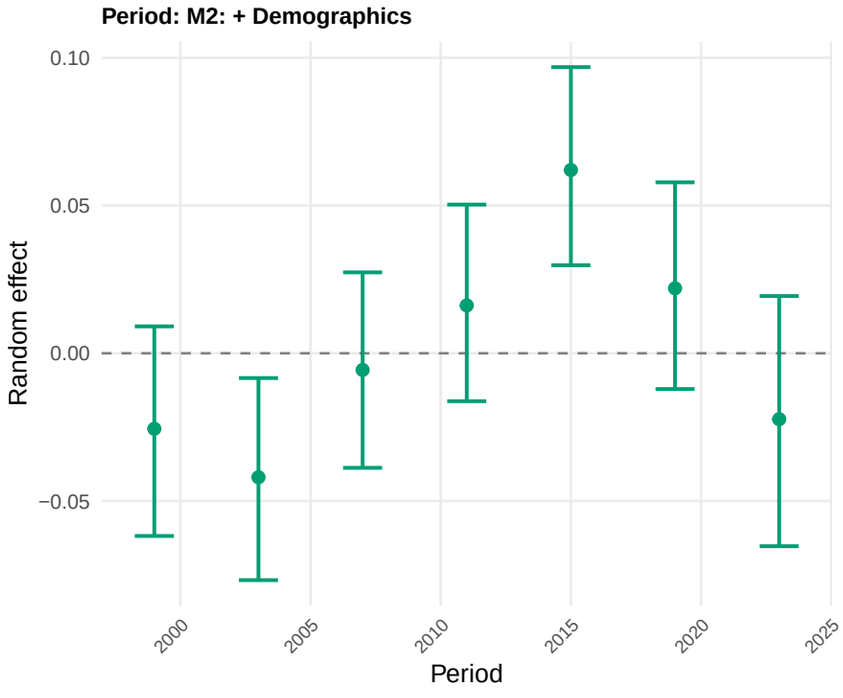
Testing whether compositional changes in demographics and K6 explain cohort effects (90% credible intervals)

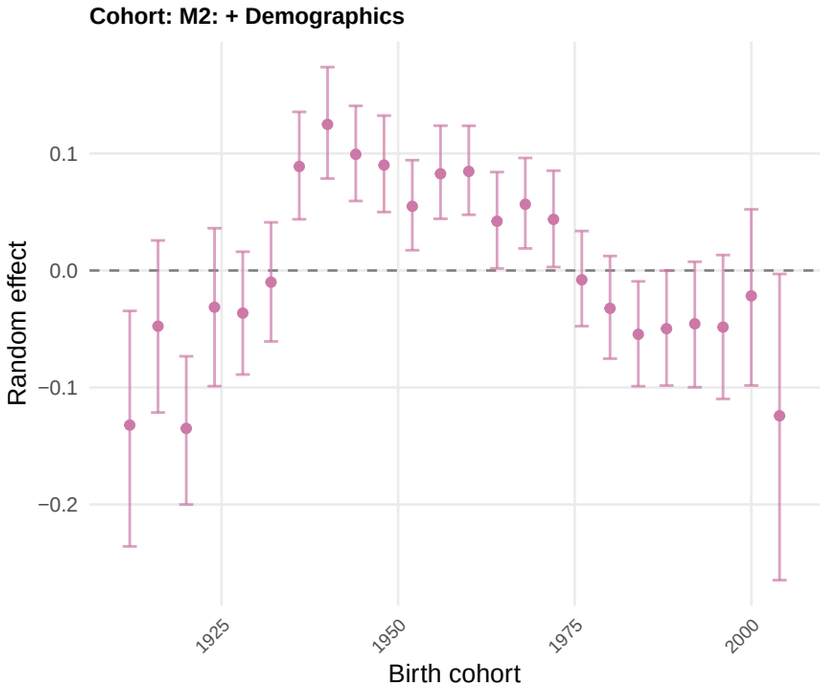


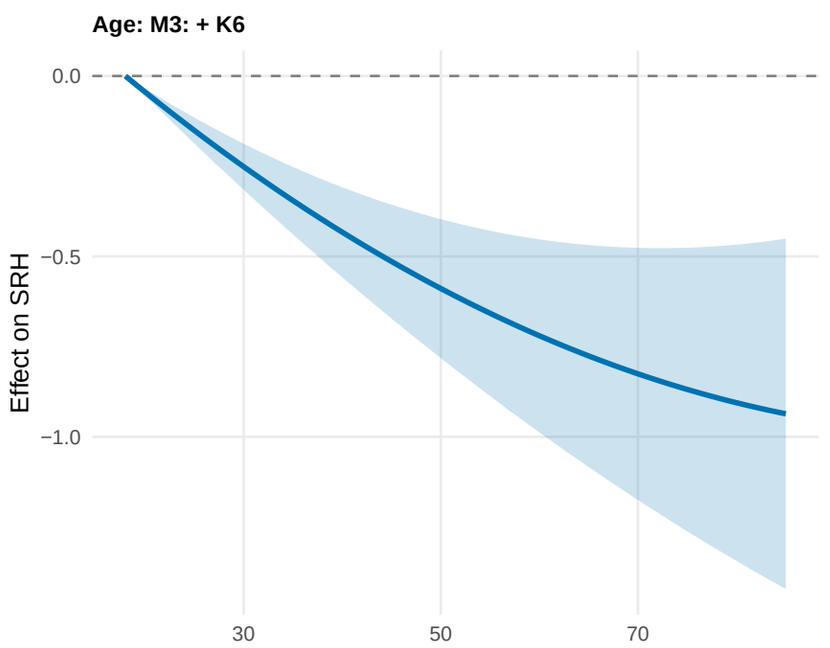


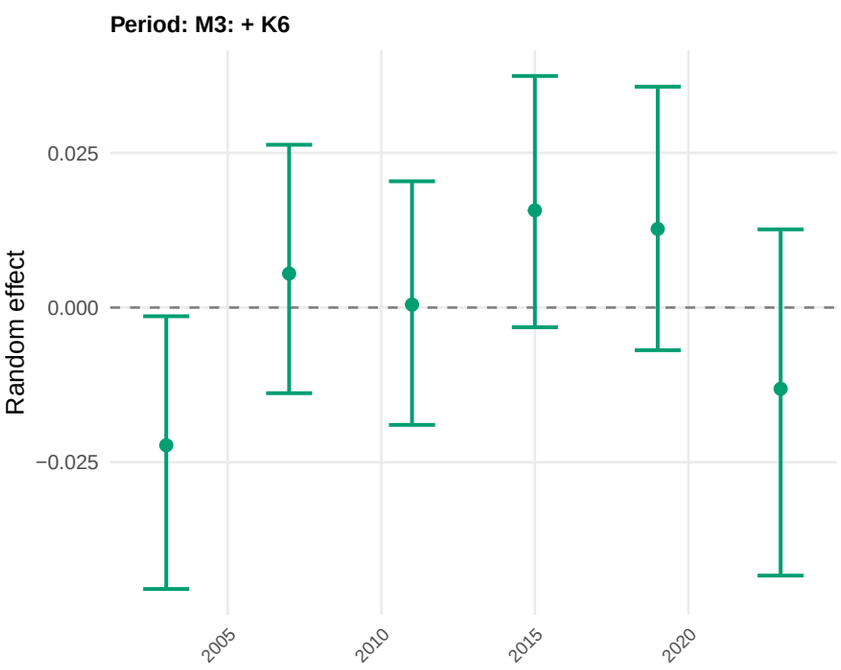


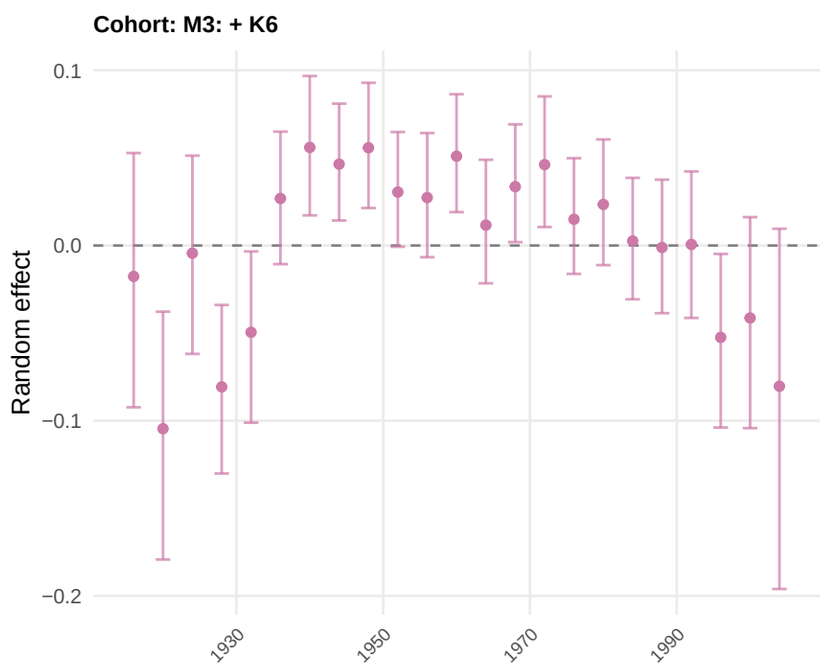


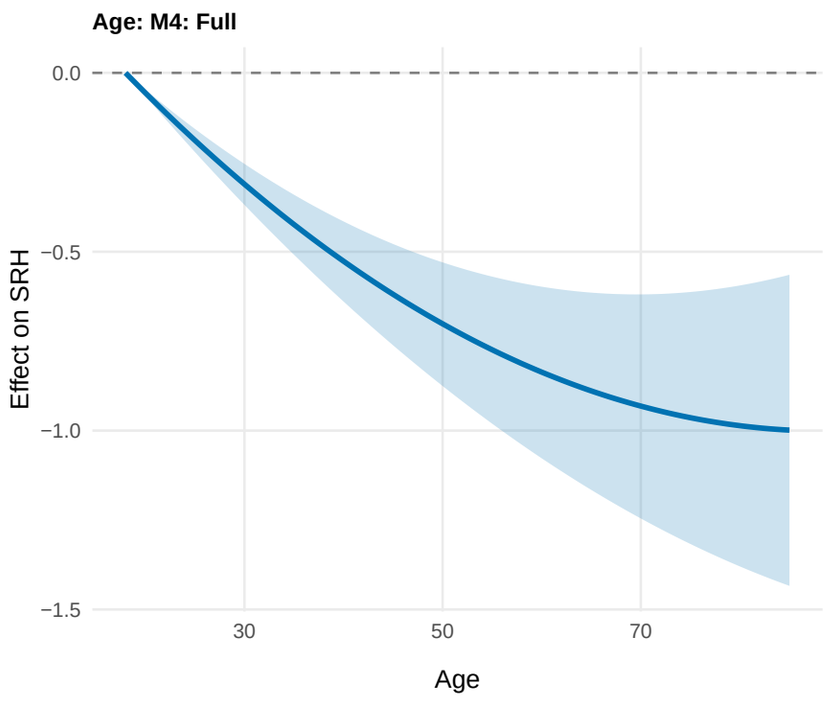


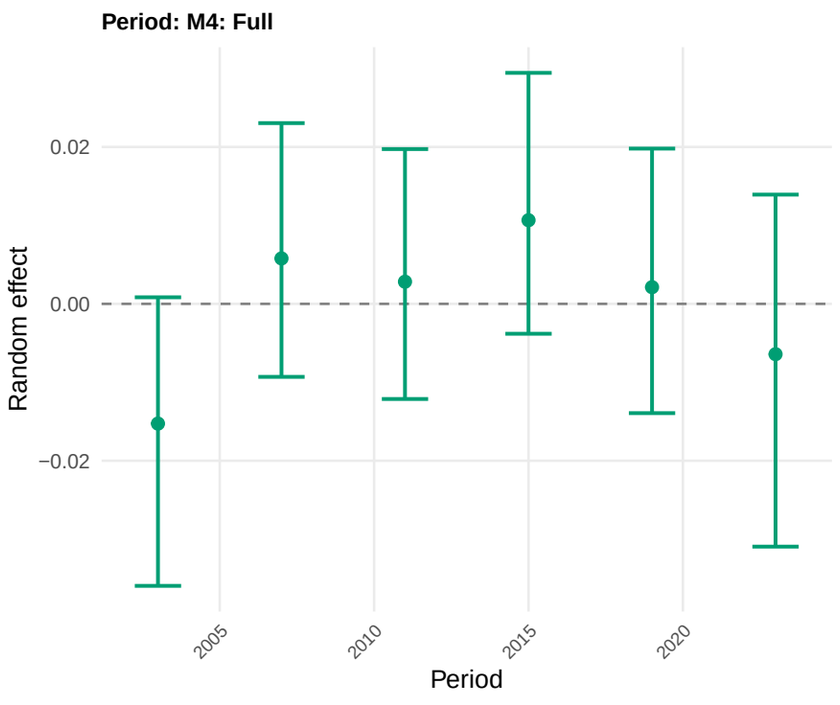


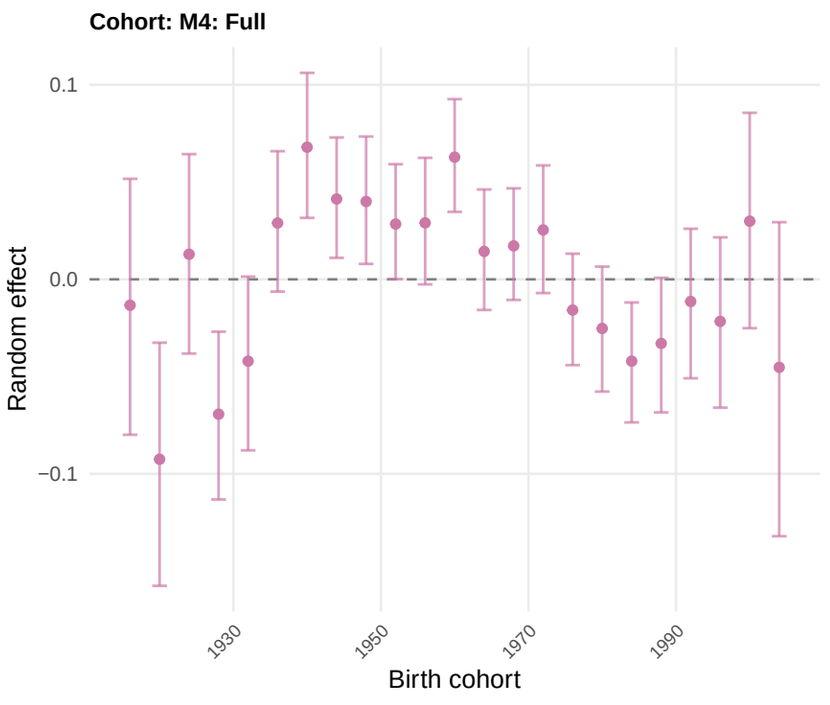












Model specifications:

M1 Base: age + age² + log(weight)

M2 Demographics: + education + race + sex

M3 K6: + K6 psychological distress scale

M4 Full: demographics + K6

Variance decomposition (Period / Cohort / Residual):

M1: 0.4% / 1.5% / 98.1% | M2: 0.3% / 0.8% / 98.9% | M3: 0.1% / 0.4% / 99.5% | M4: 0.1% / 0.4% / 99.6%