Mortality plots

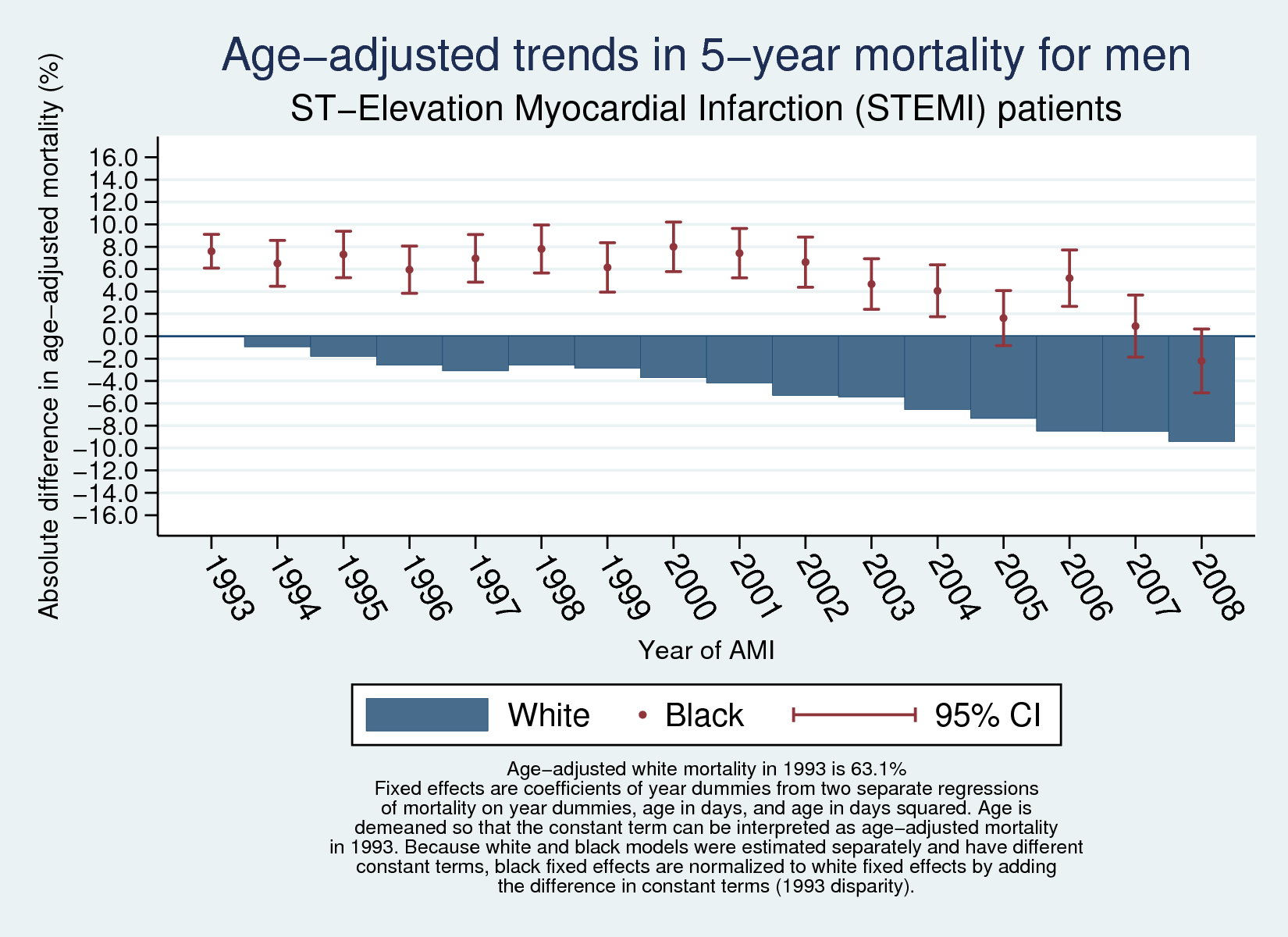
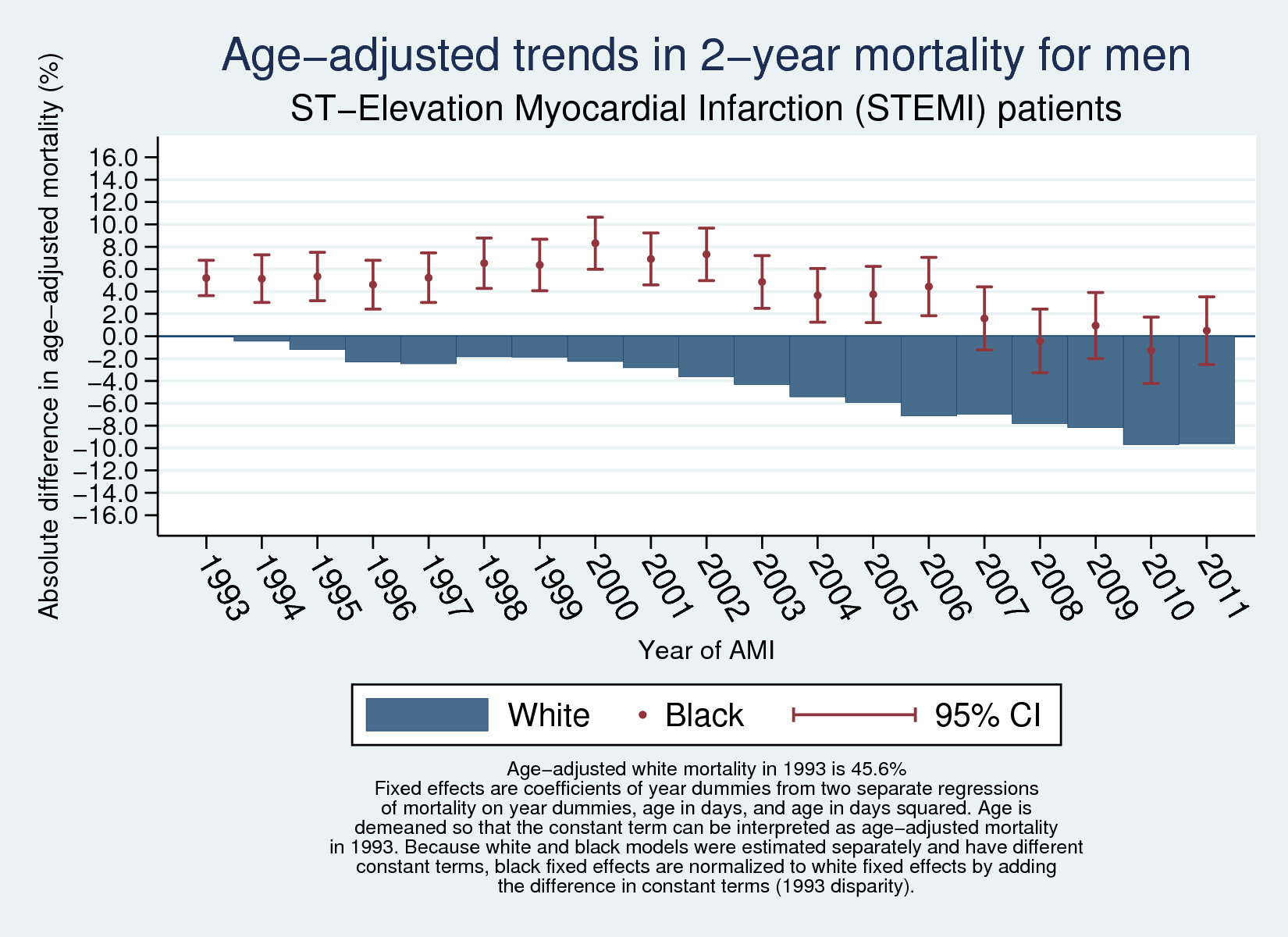
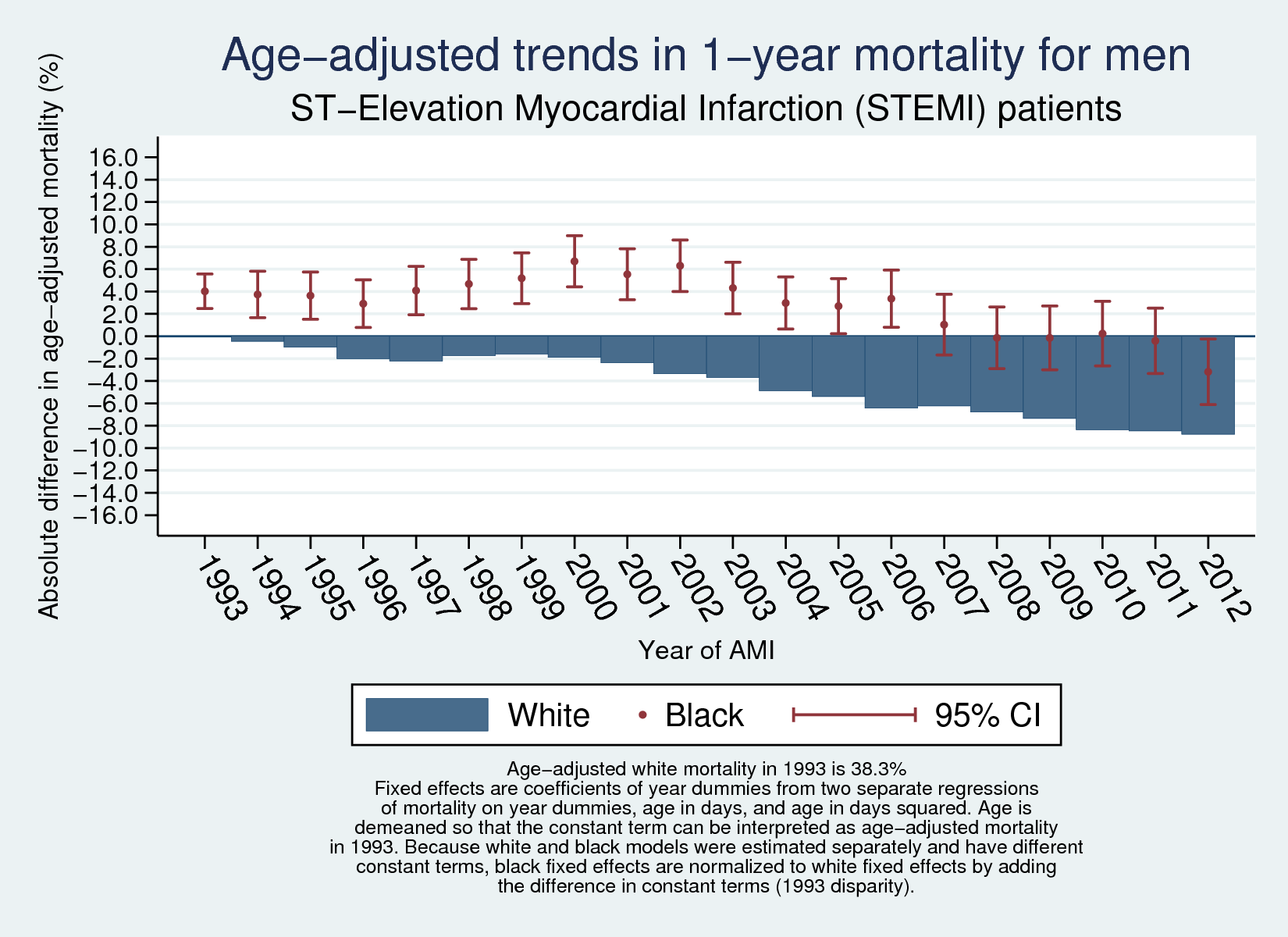
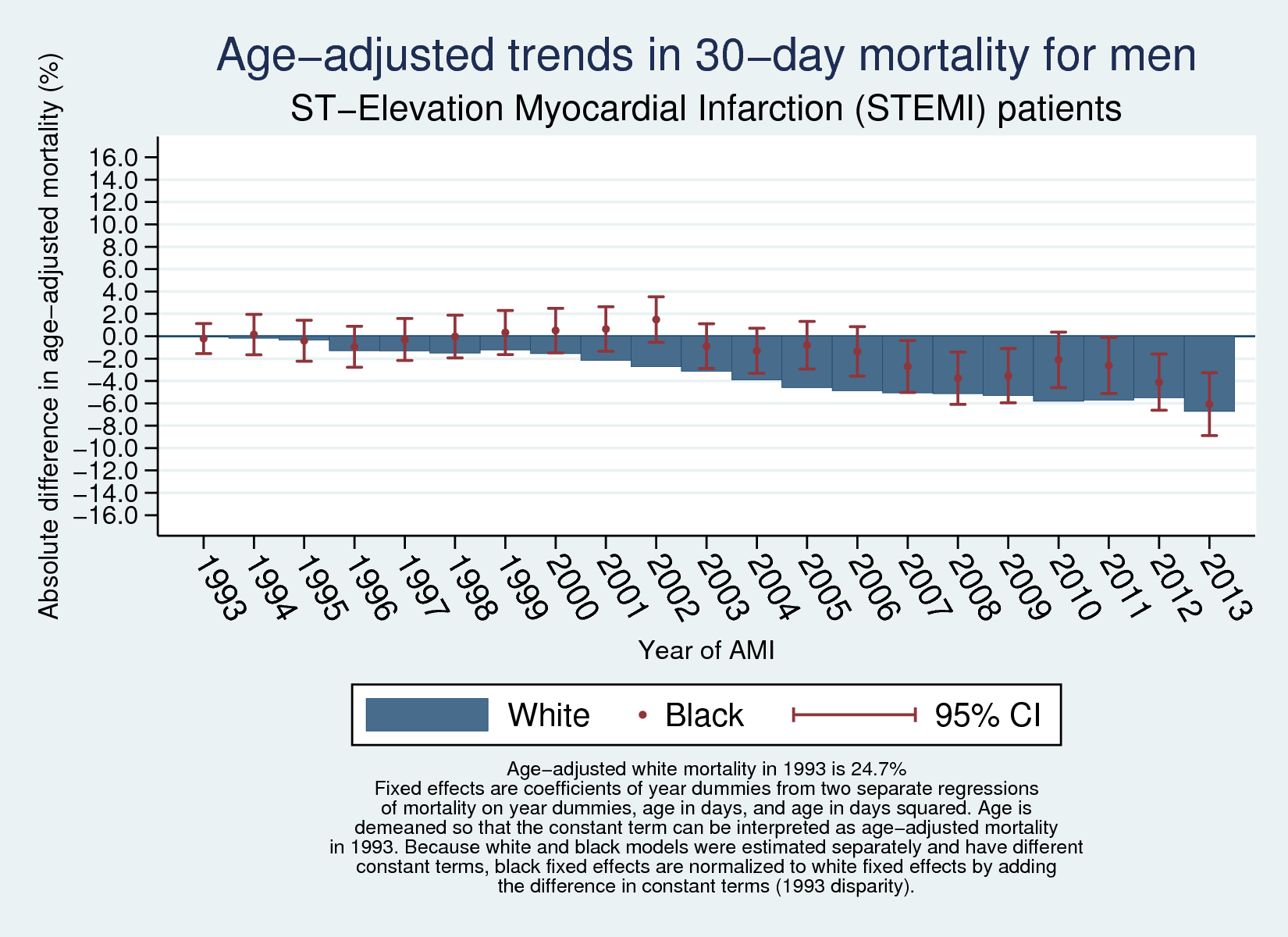
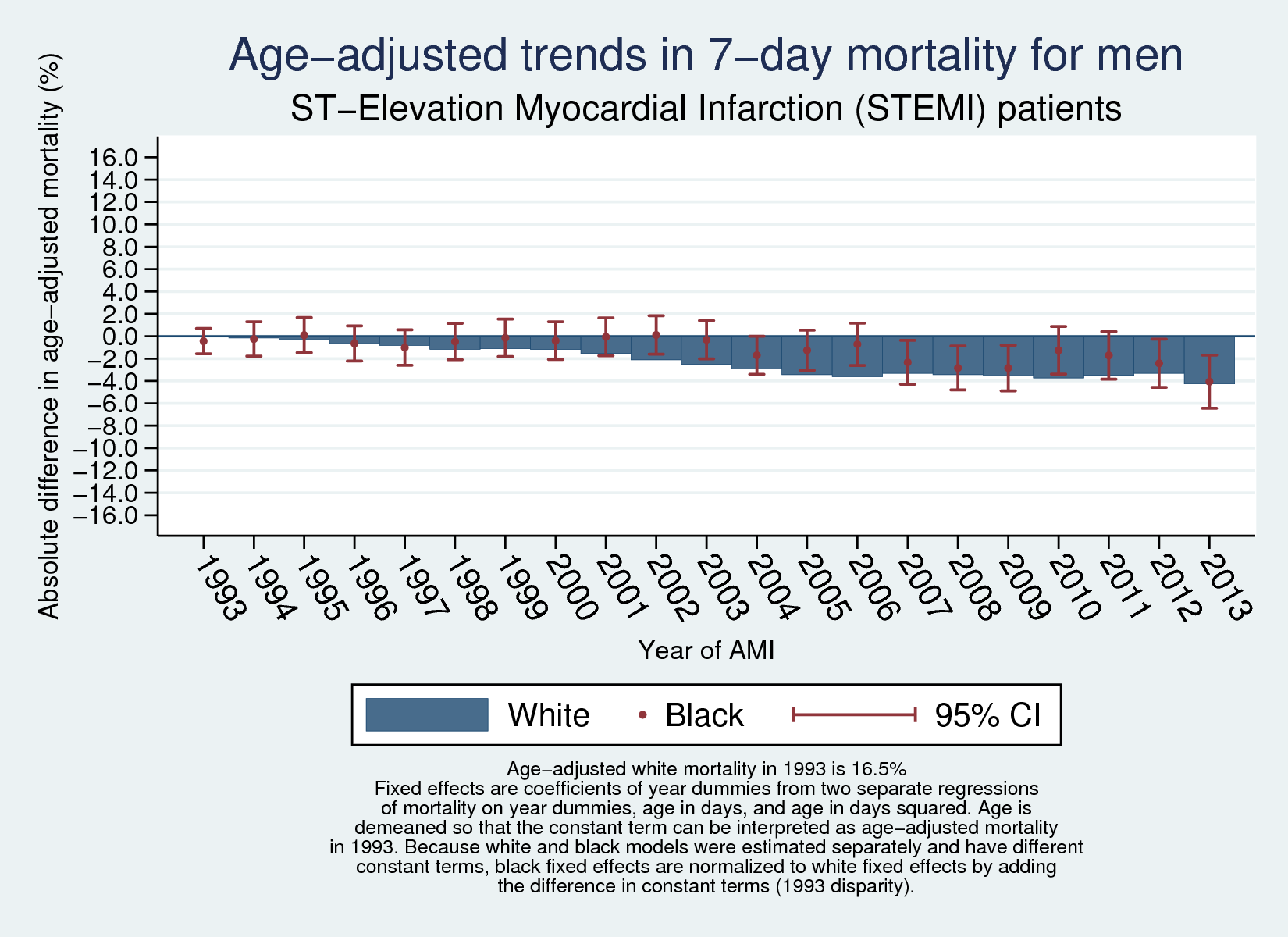
Ben Berger, September 8, 2017

Includes year-fixed effect plots and race-and-sex-adjusted quadratic age plots.

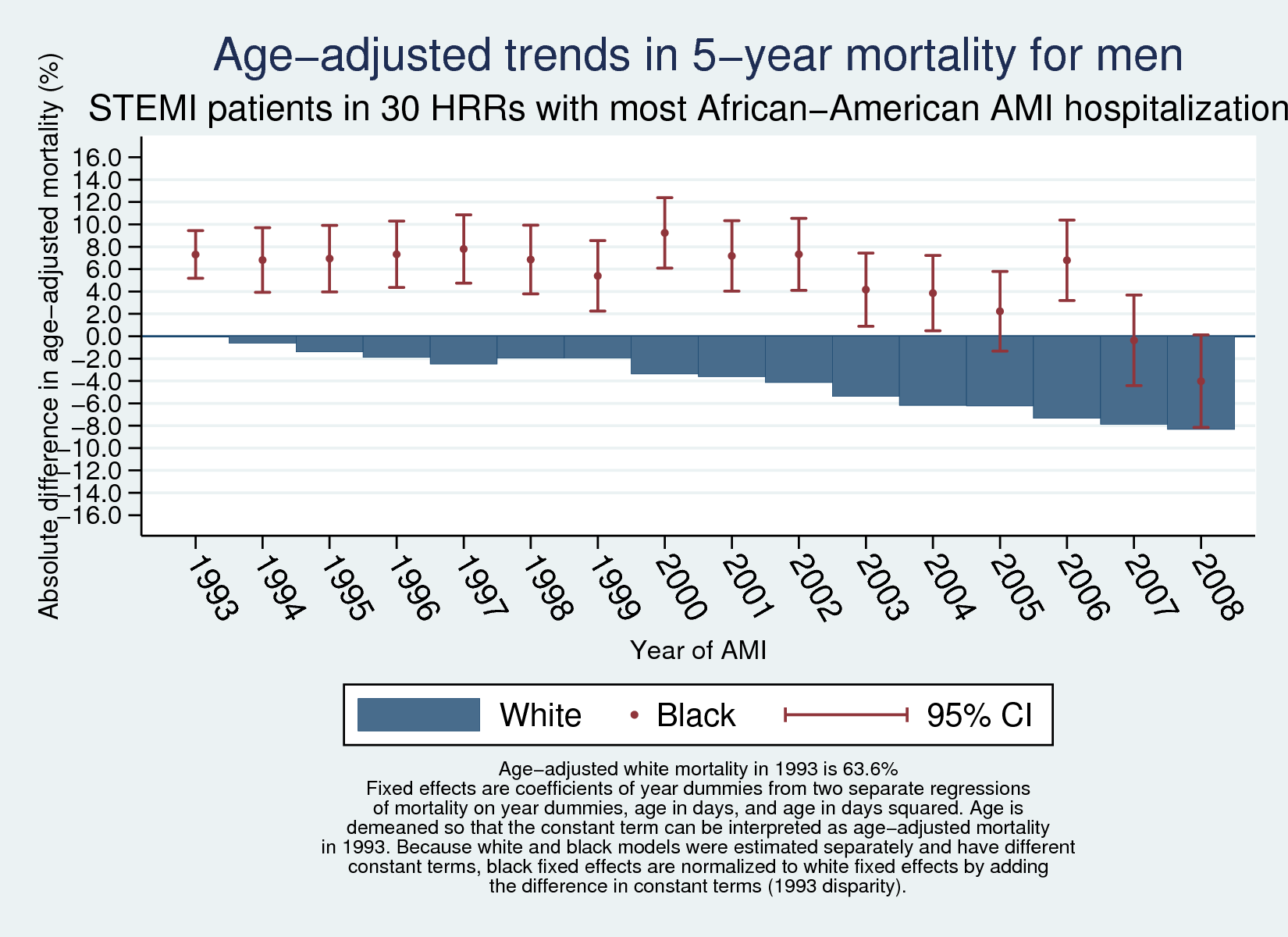
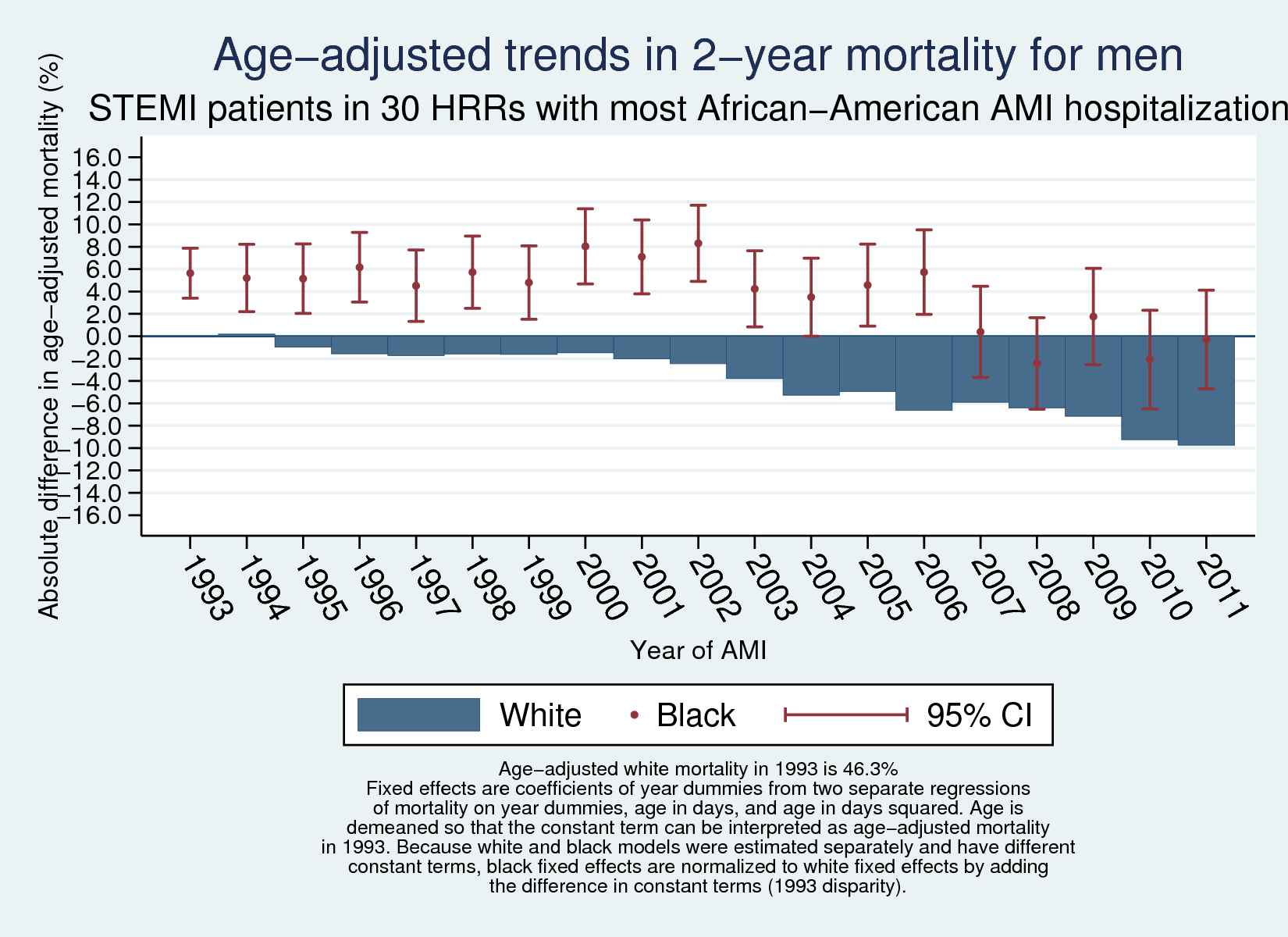
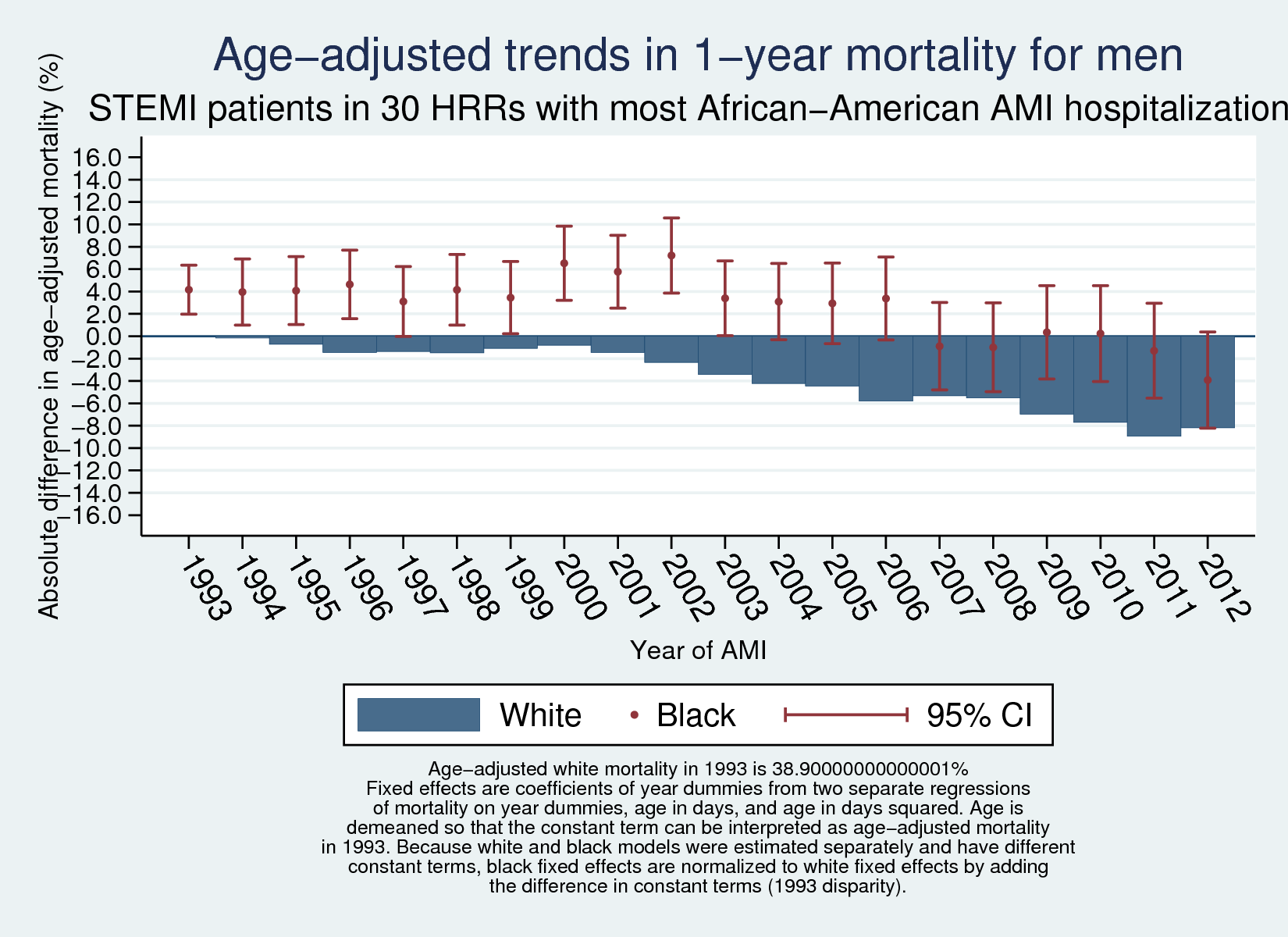
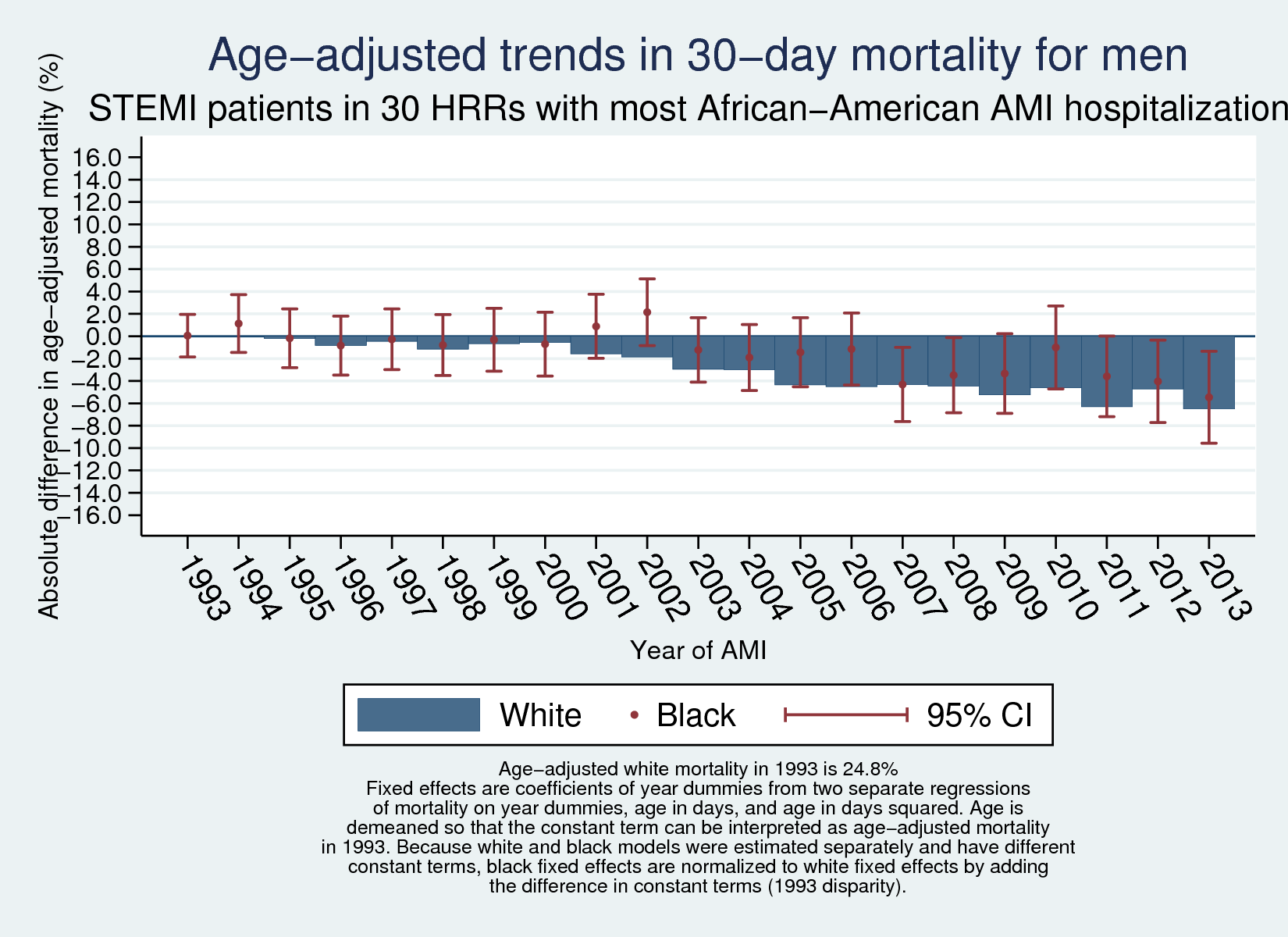
Notes for Amitabh:

1. 5-yr age curves sometimes have fitted values >100% among the oldest people (not surprising that linear regression would do this). Might be worthwhile to estimate a logit/probit at least for age curves so that mortality fitted values are bounded above (and below). Another option is to add more polynomial terms in age to pick up subtleties in the relationship at high ages.
2. Some y-axes and titles need slight cosmetic adjustments. Figured it might be best to focus on these changes only after we decide on changes to subset/model specification.
3. Only STEMIs included.
4. General pattern of results is invariant to which HRRs are included.
5. Relatively low statistical power and big confidence intervals for fixed effect plots for 30 HRRs with highest rates of high school completion & highest median income. Might be worth considering more HRRs to make a stronger statement about any heterogeneity (which there doesn’t seem to be too much of).
6. HRR education and income are weighted averages of zip-code level statistics from the 1990 census (weighted for population 25+ and number of households, respectively).

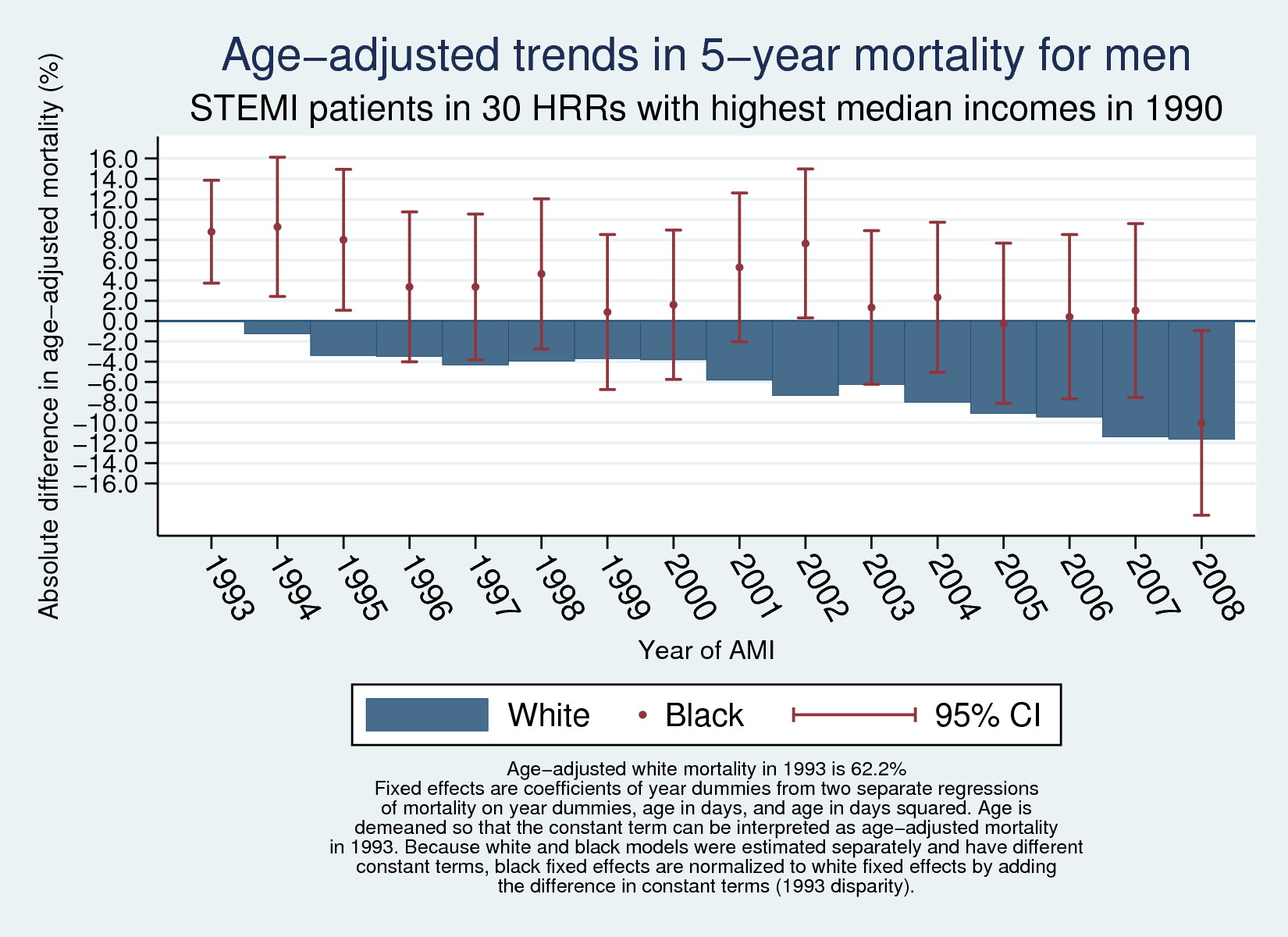
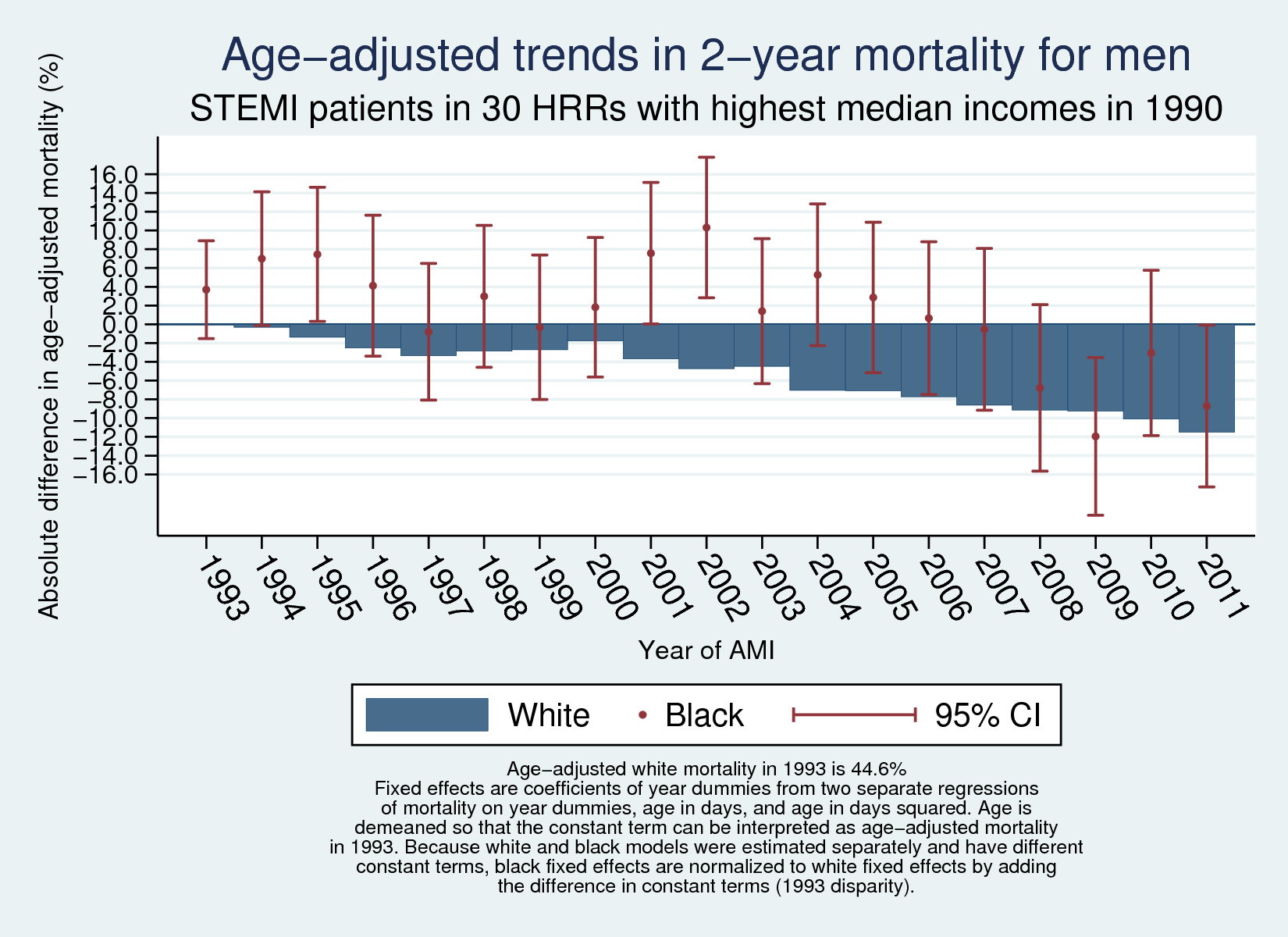
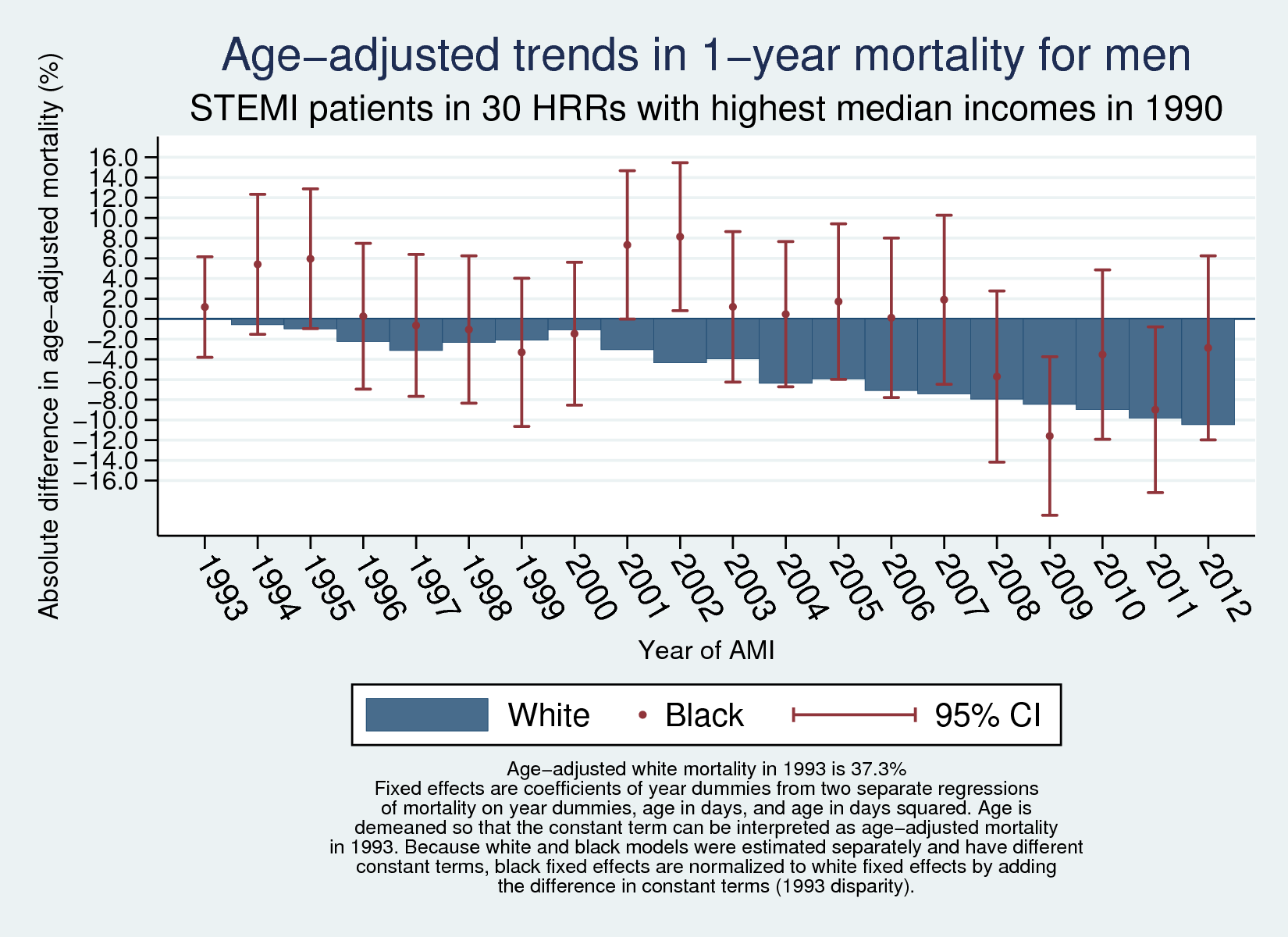
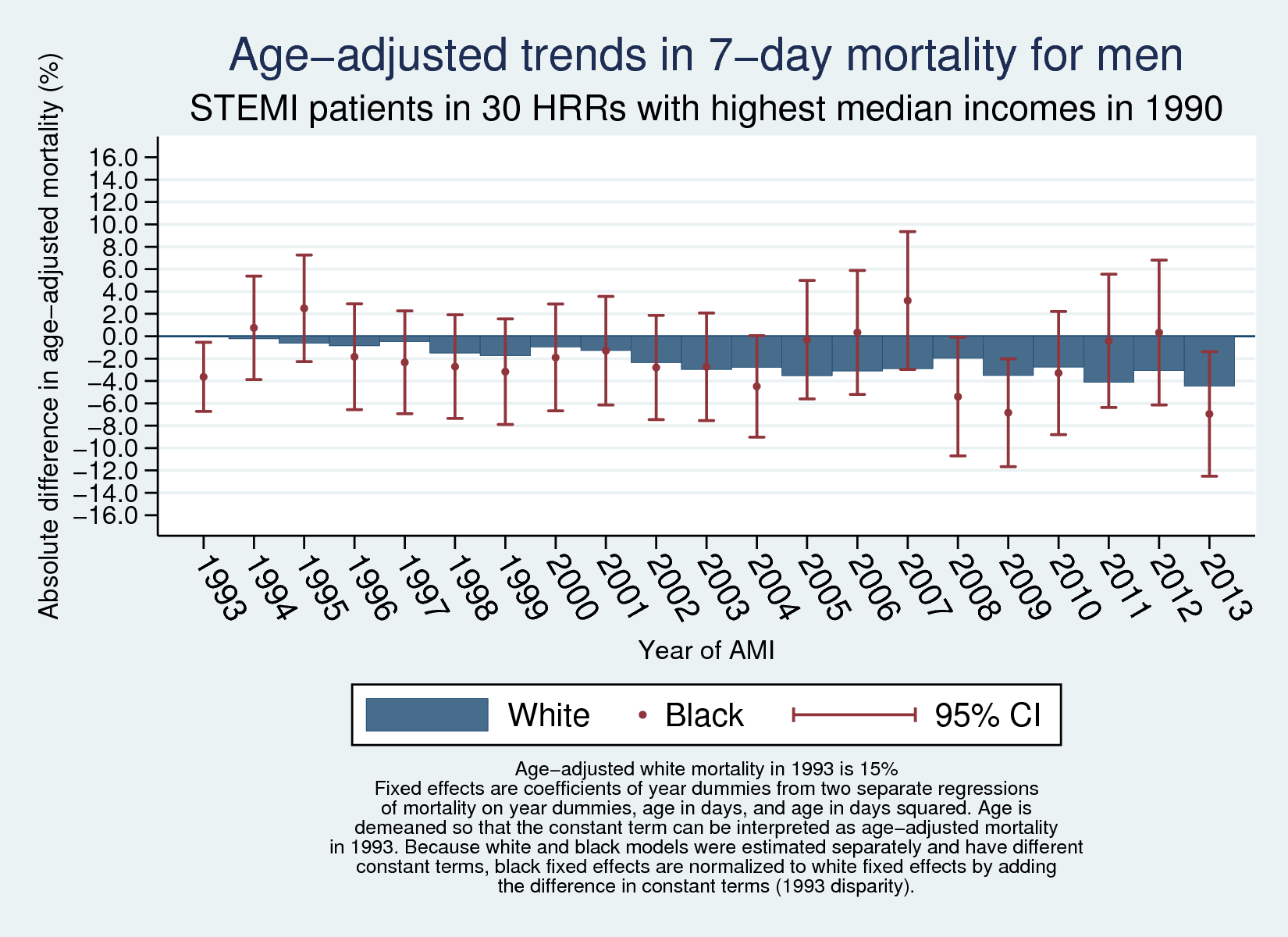
# Men



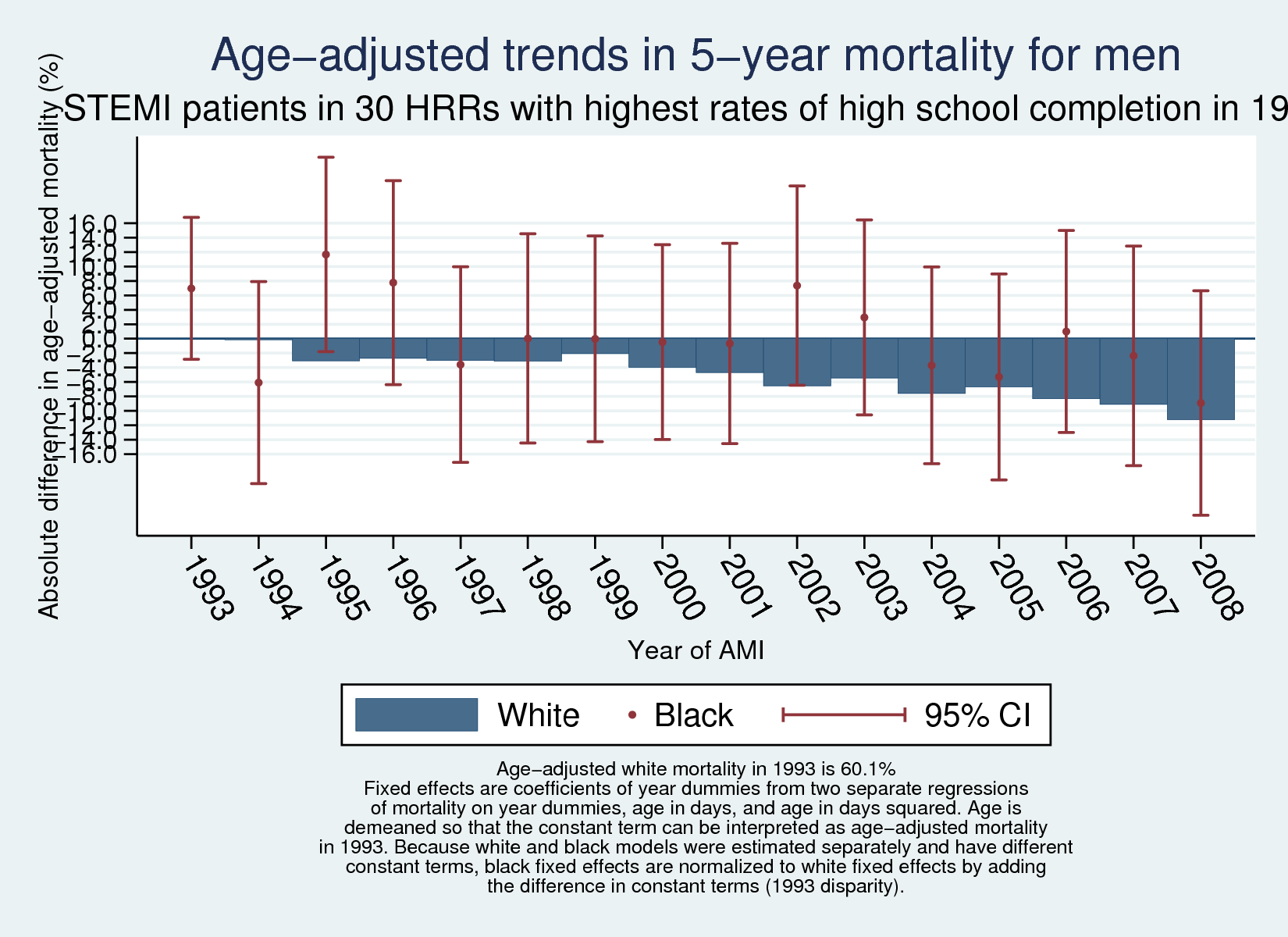
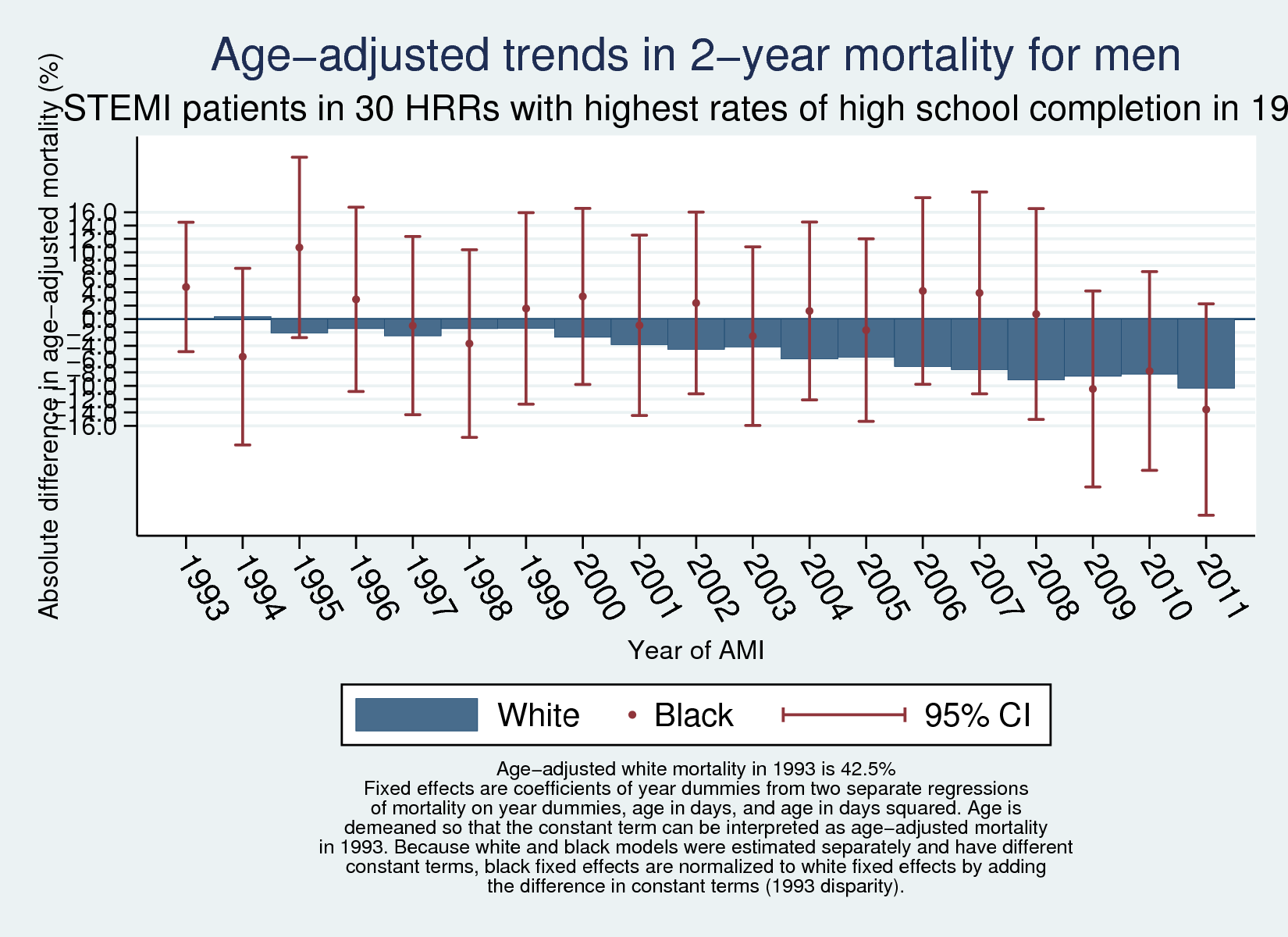
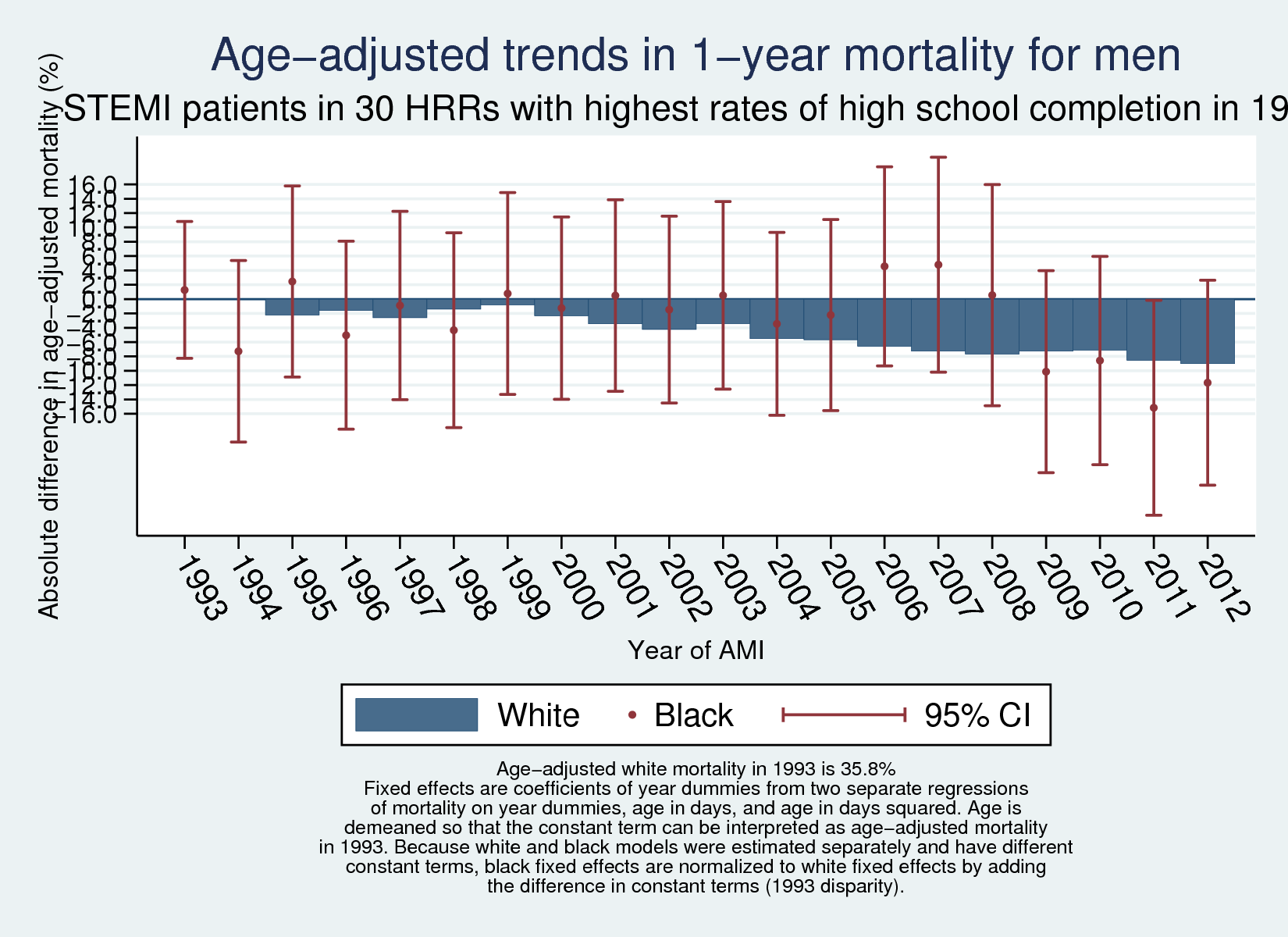
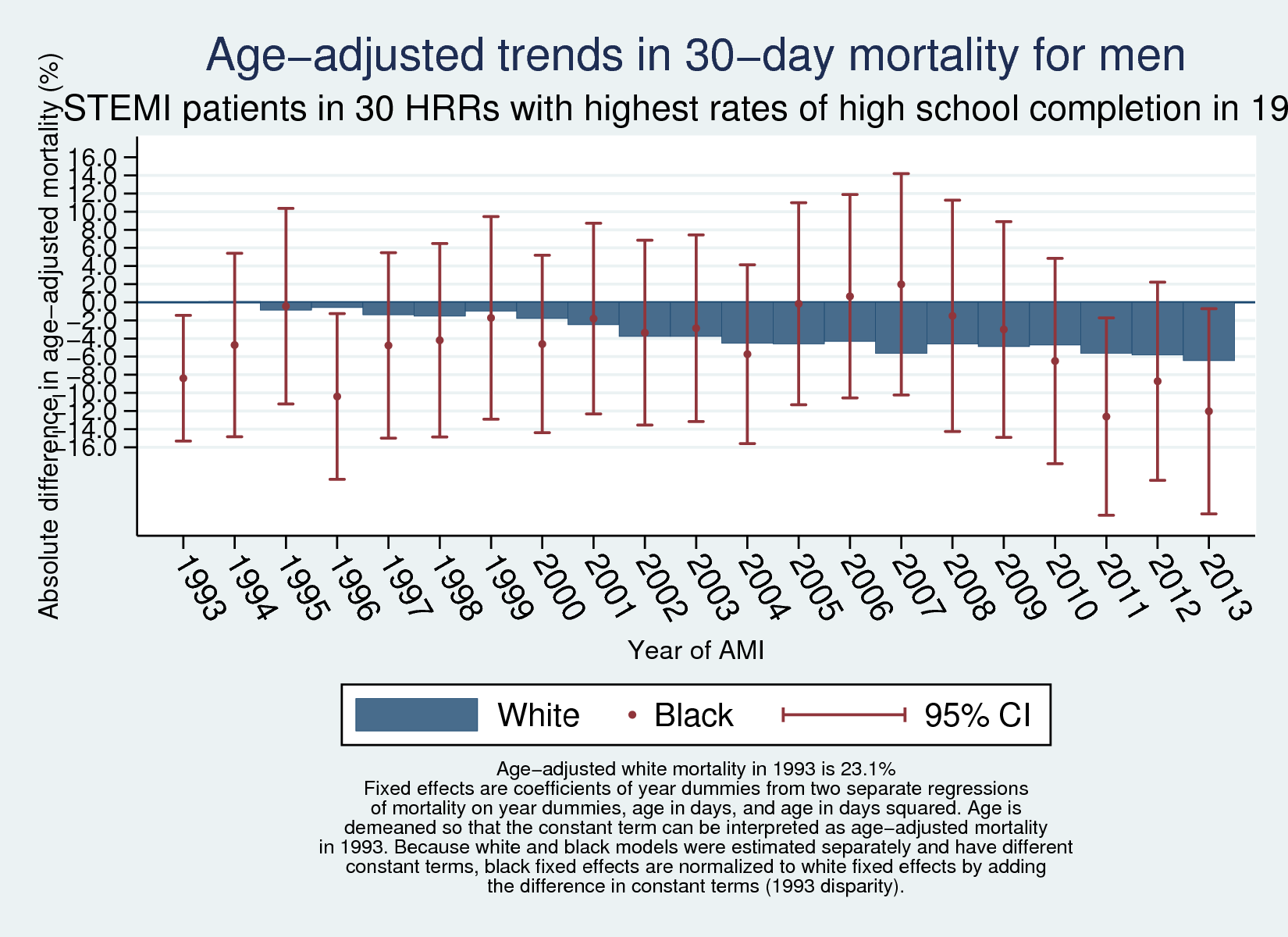
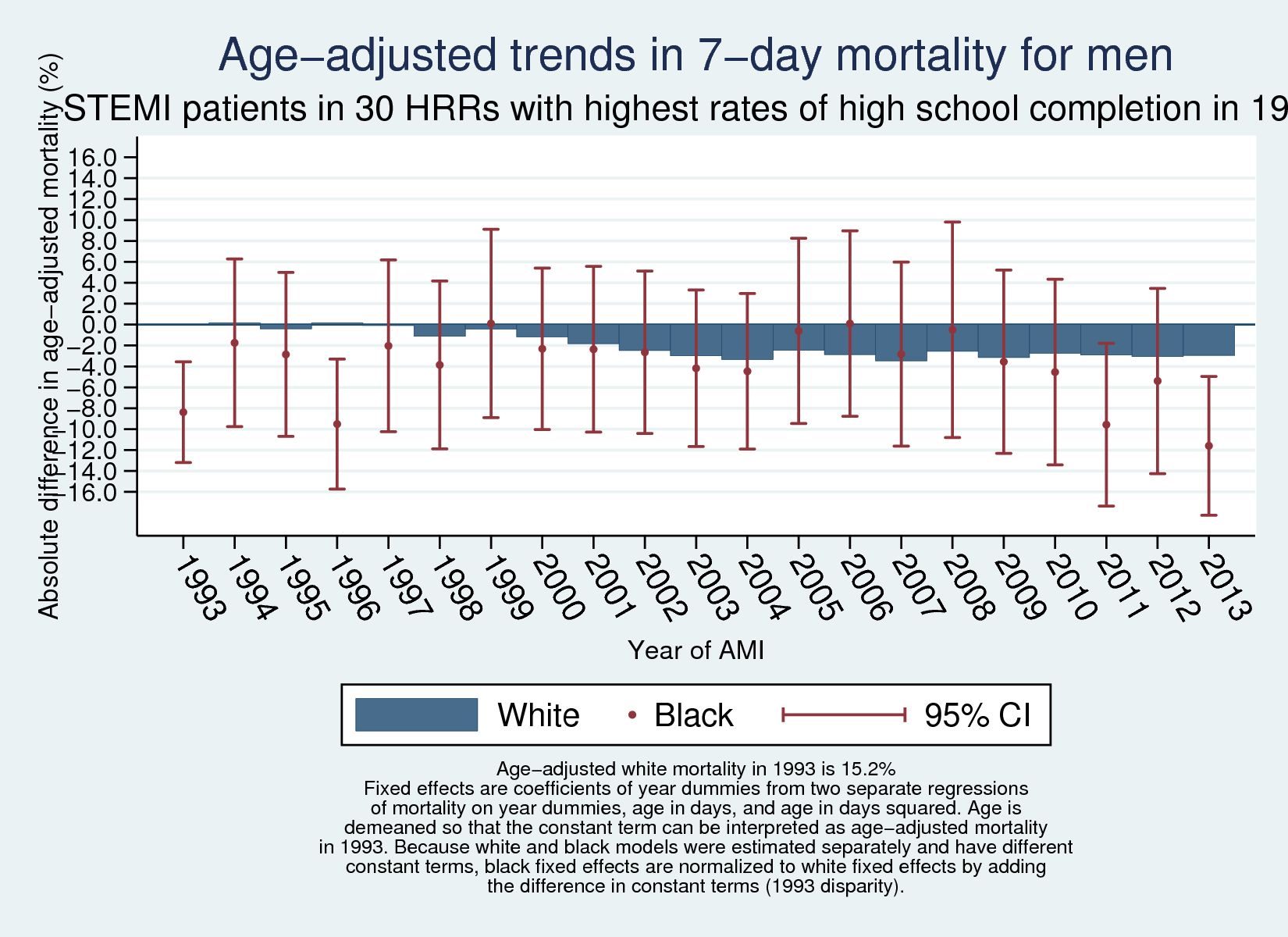
# Men: 30 HRRs with most African-American AMI hospitalizations



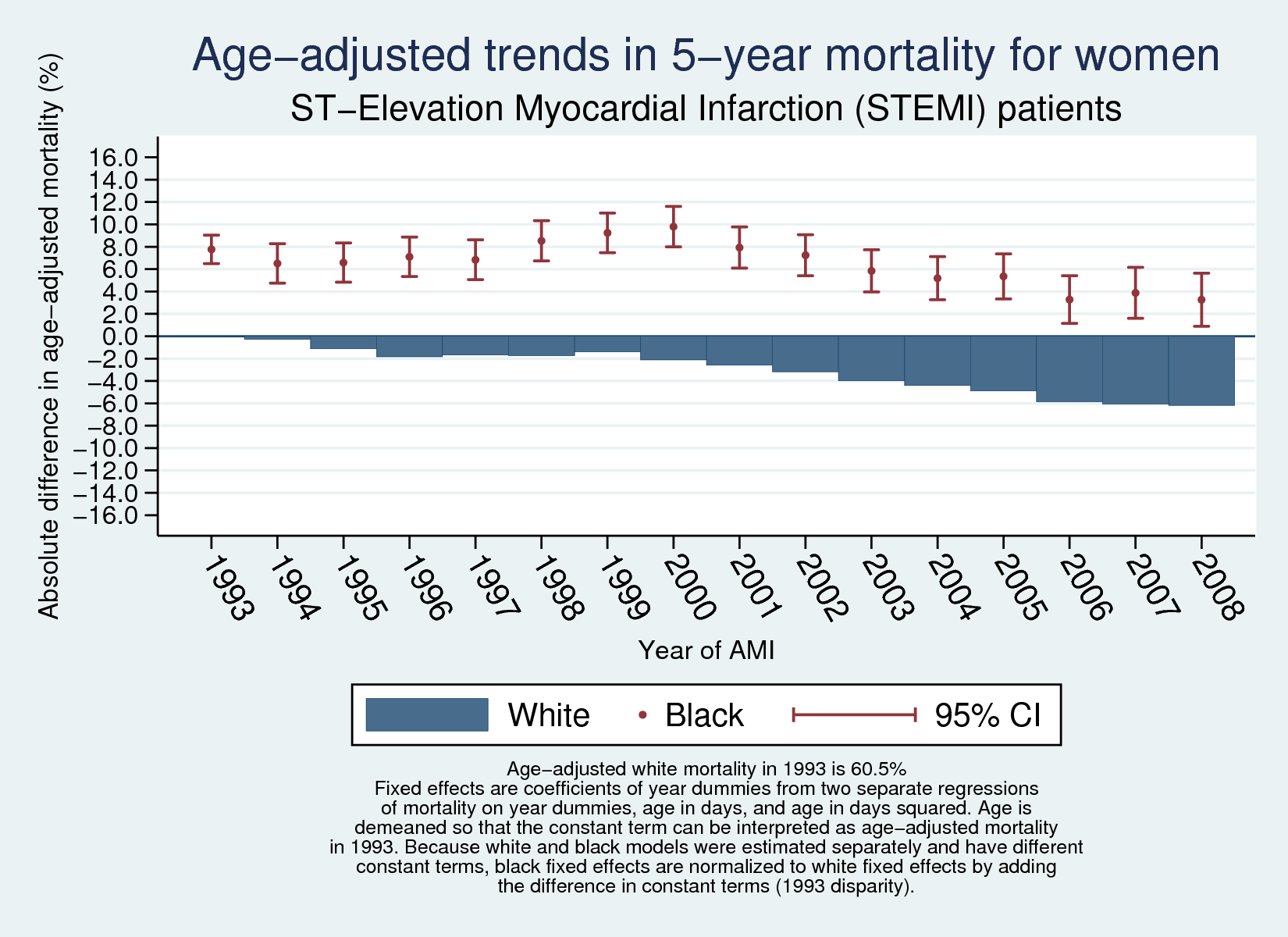
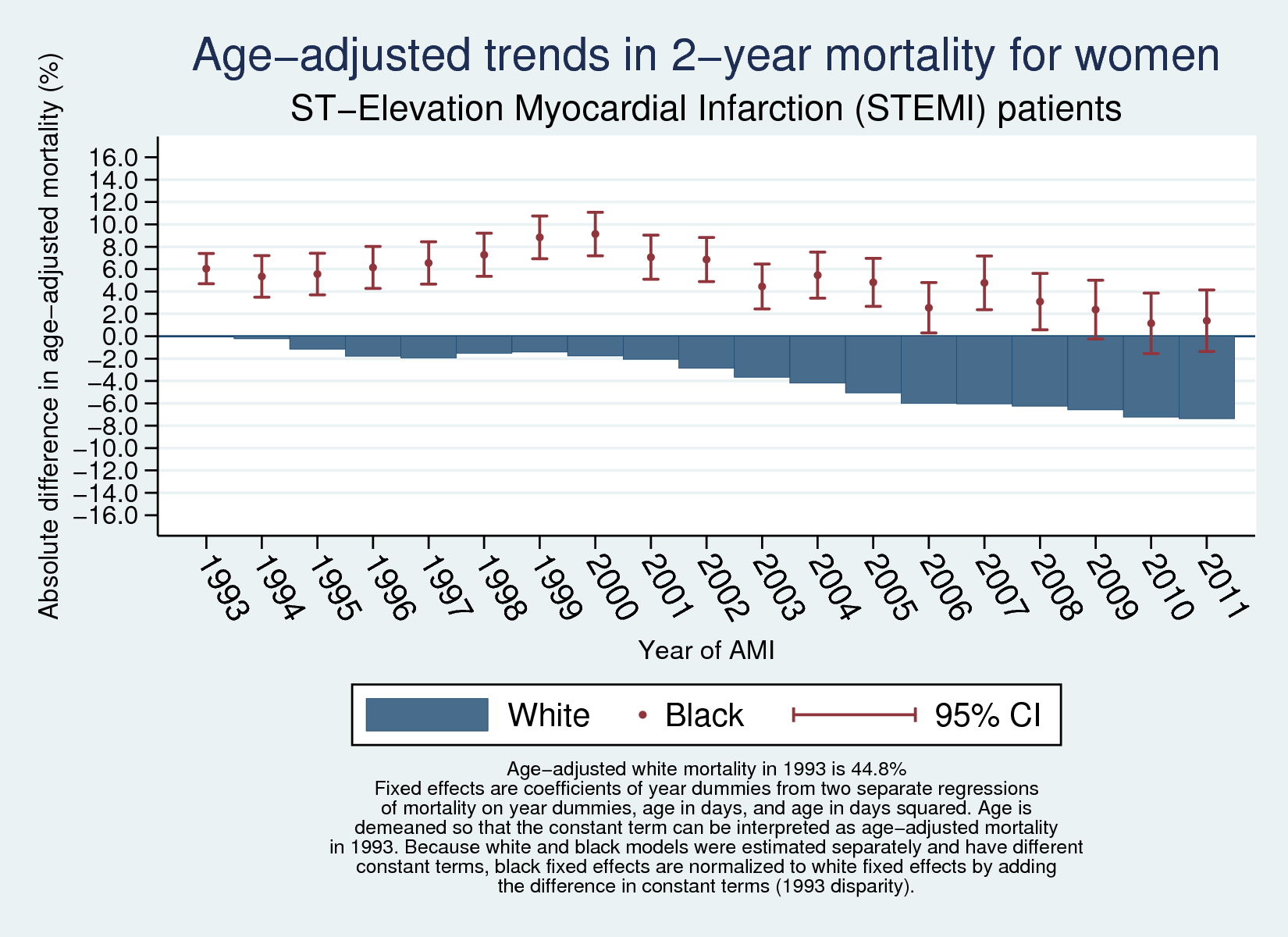
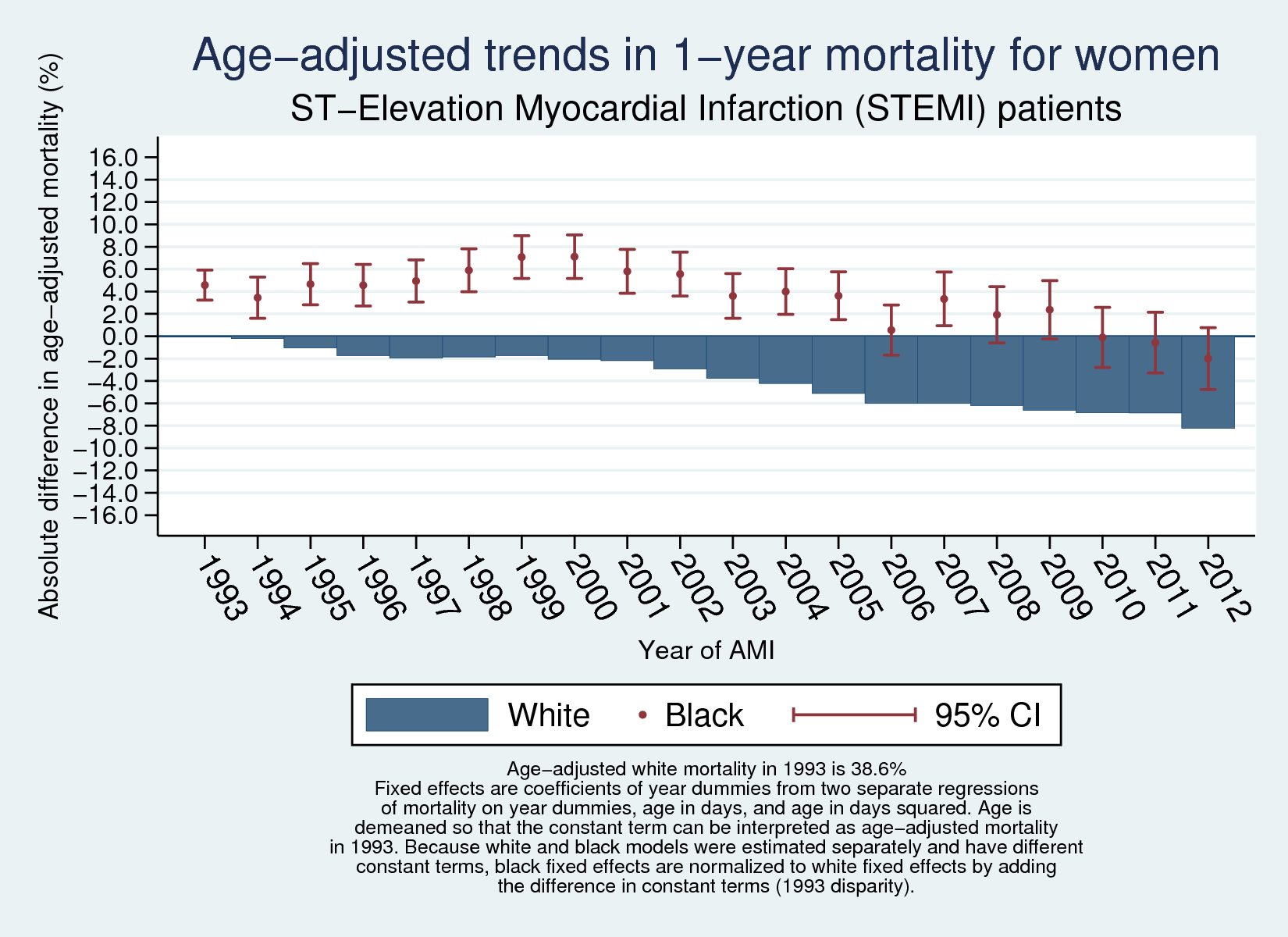
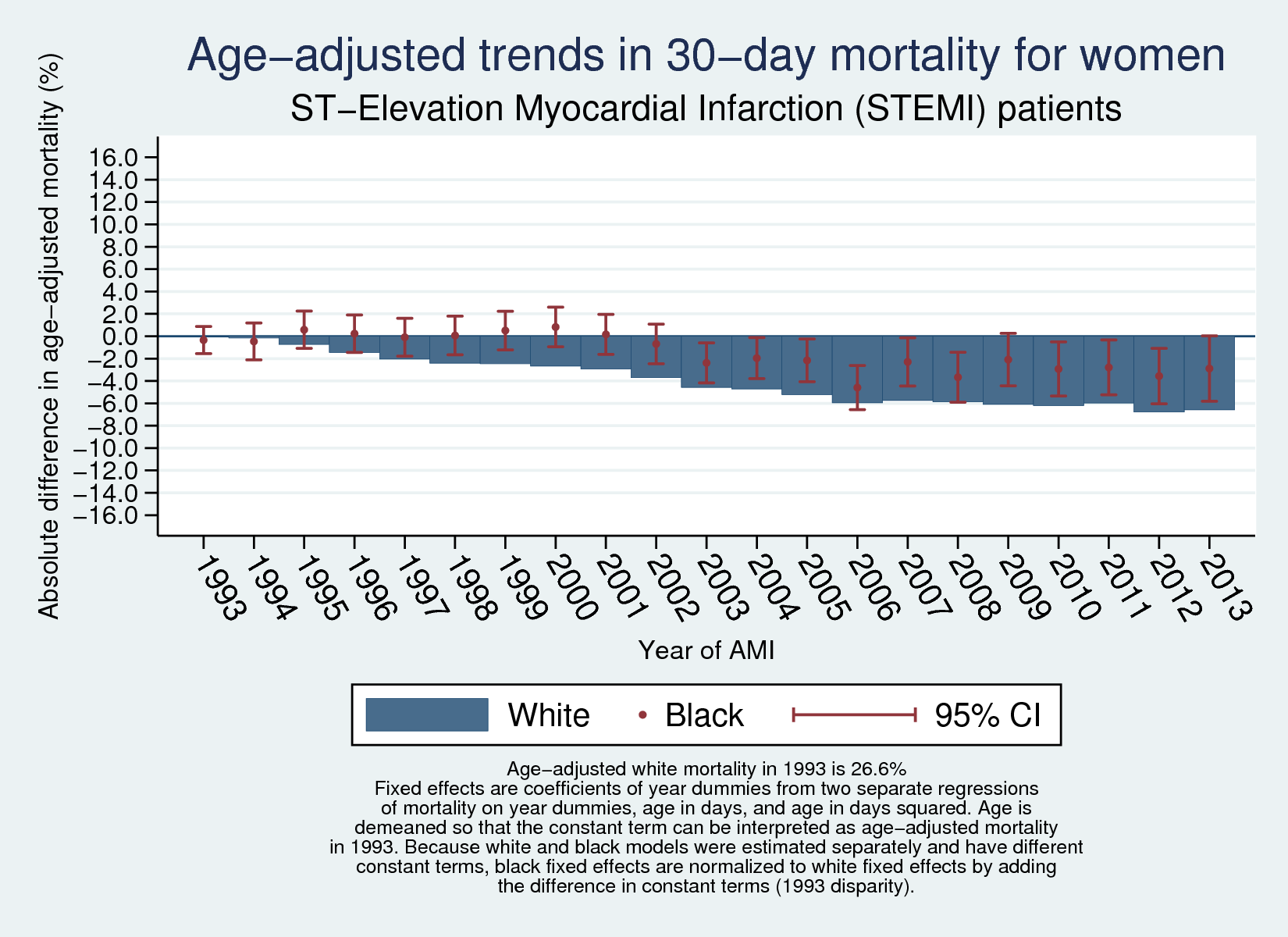
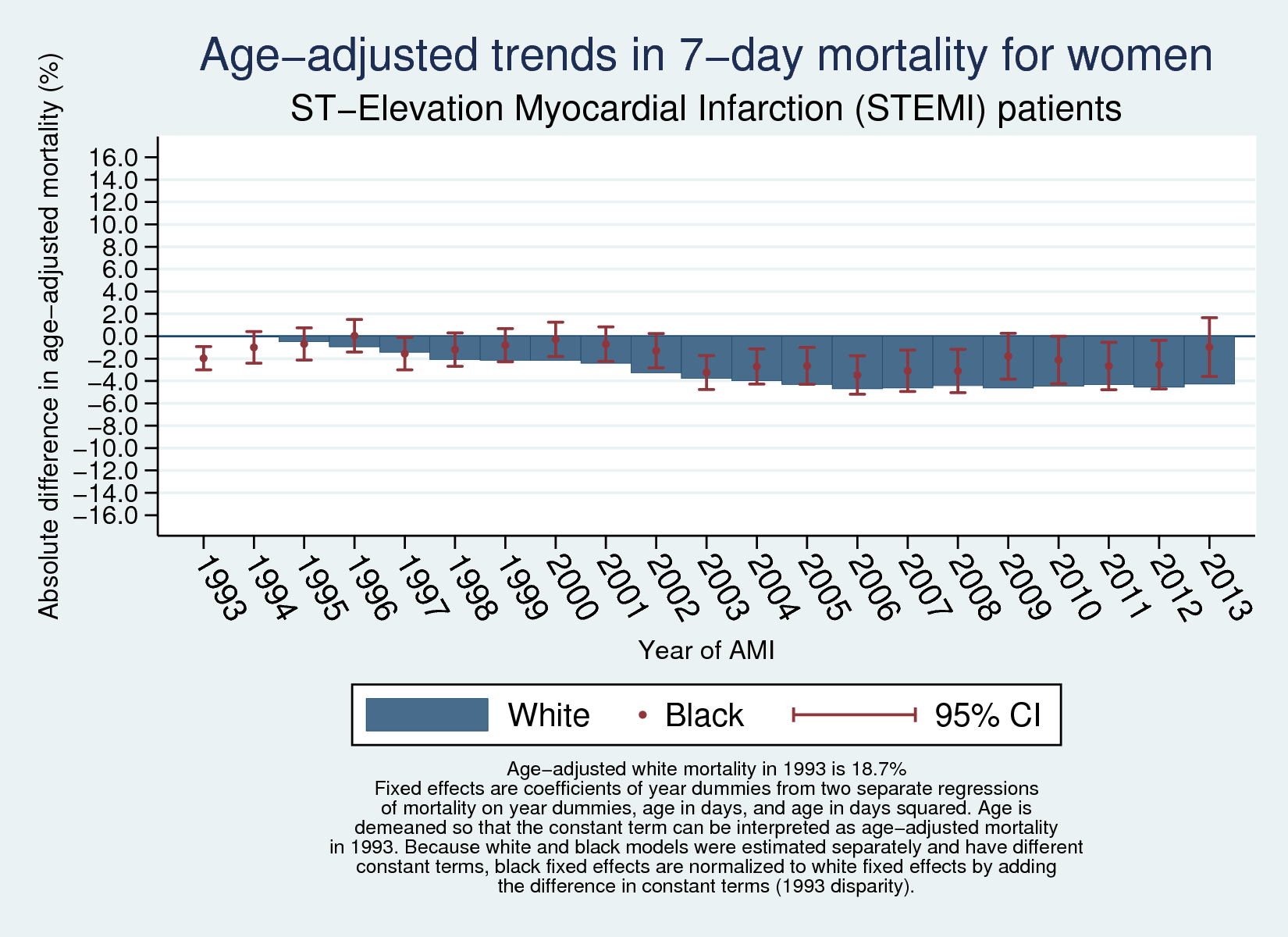
# Men: 30 HRRs with highest median incomes



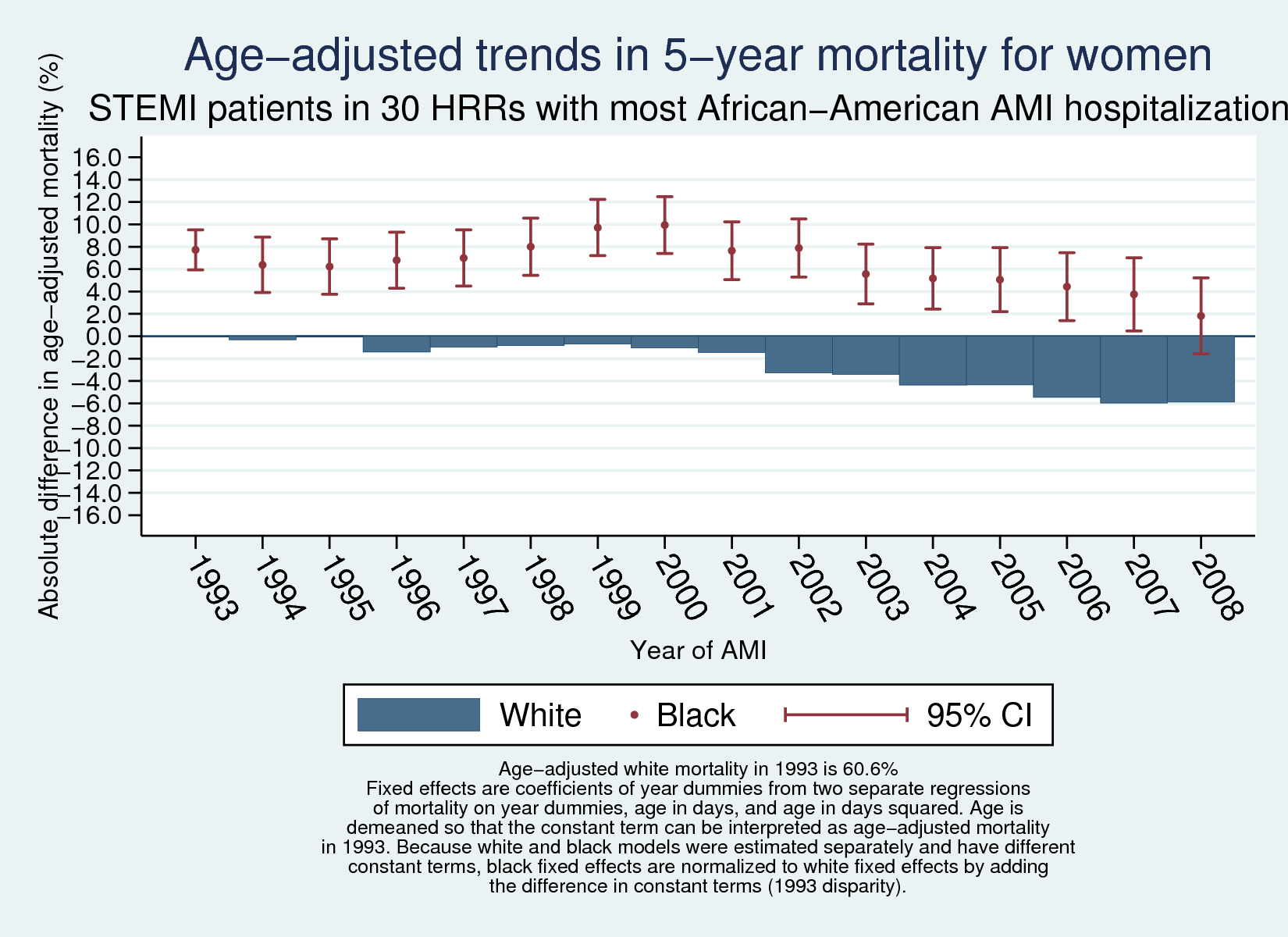
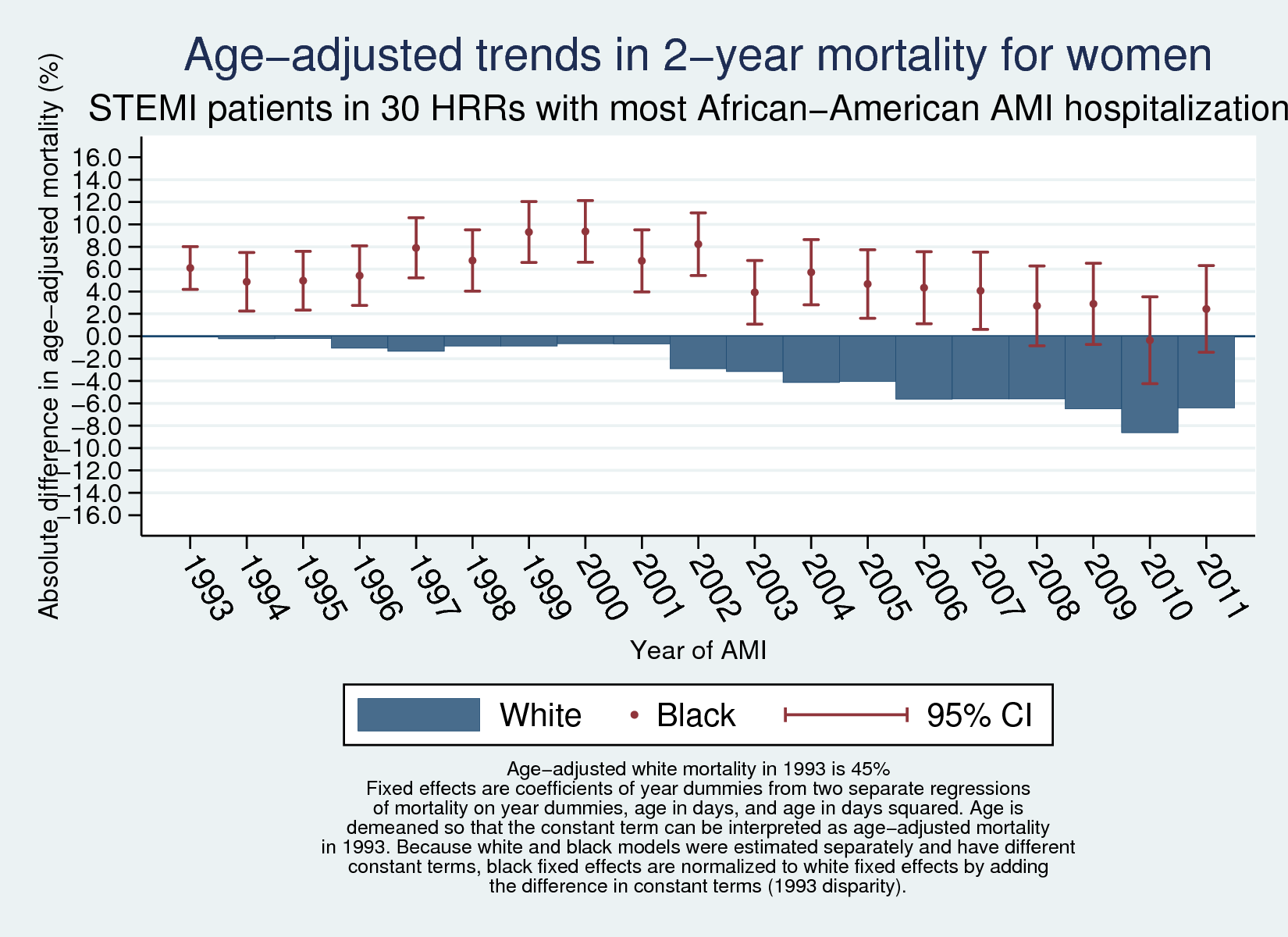
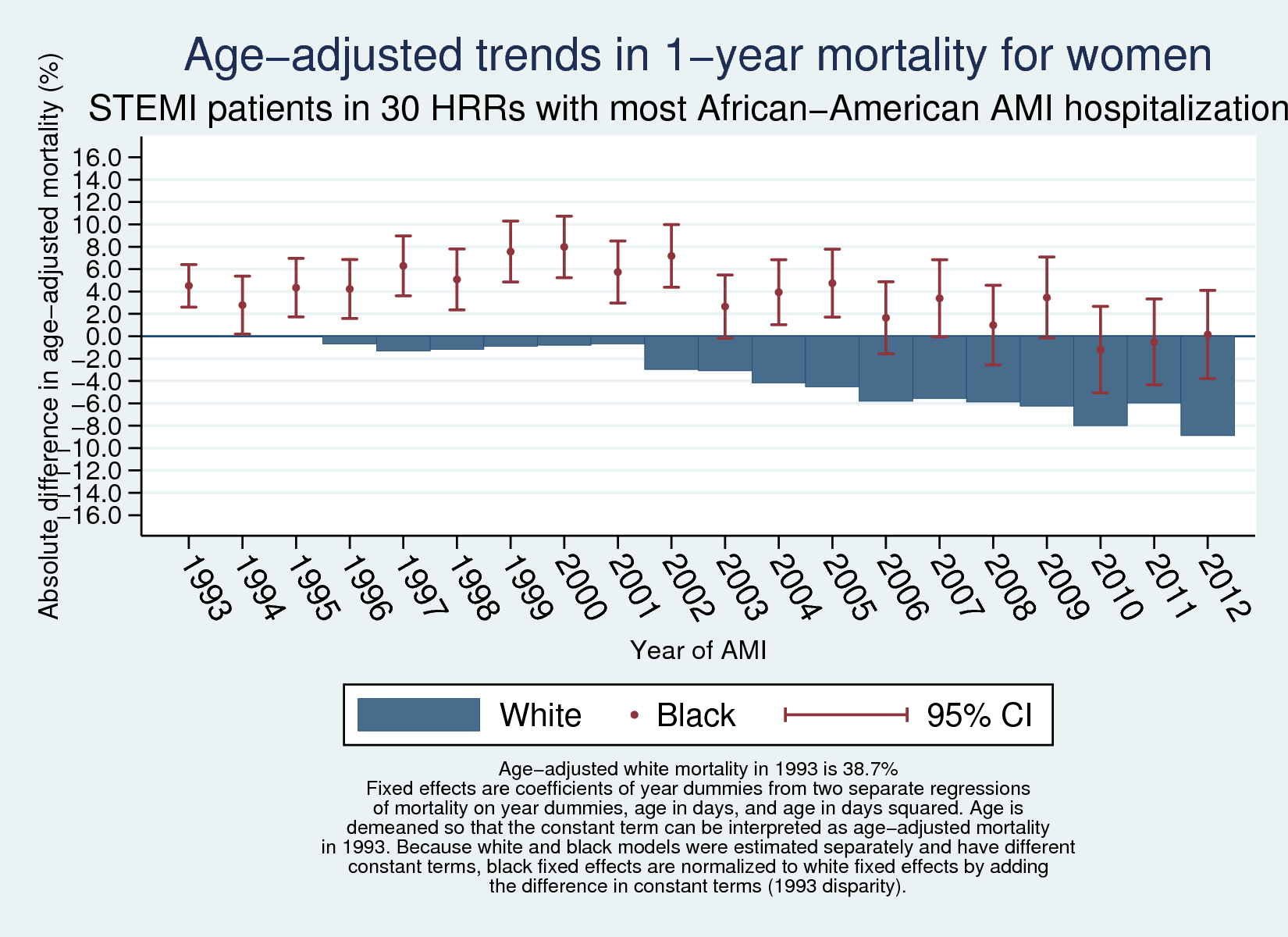
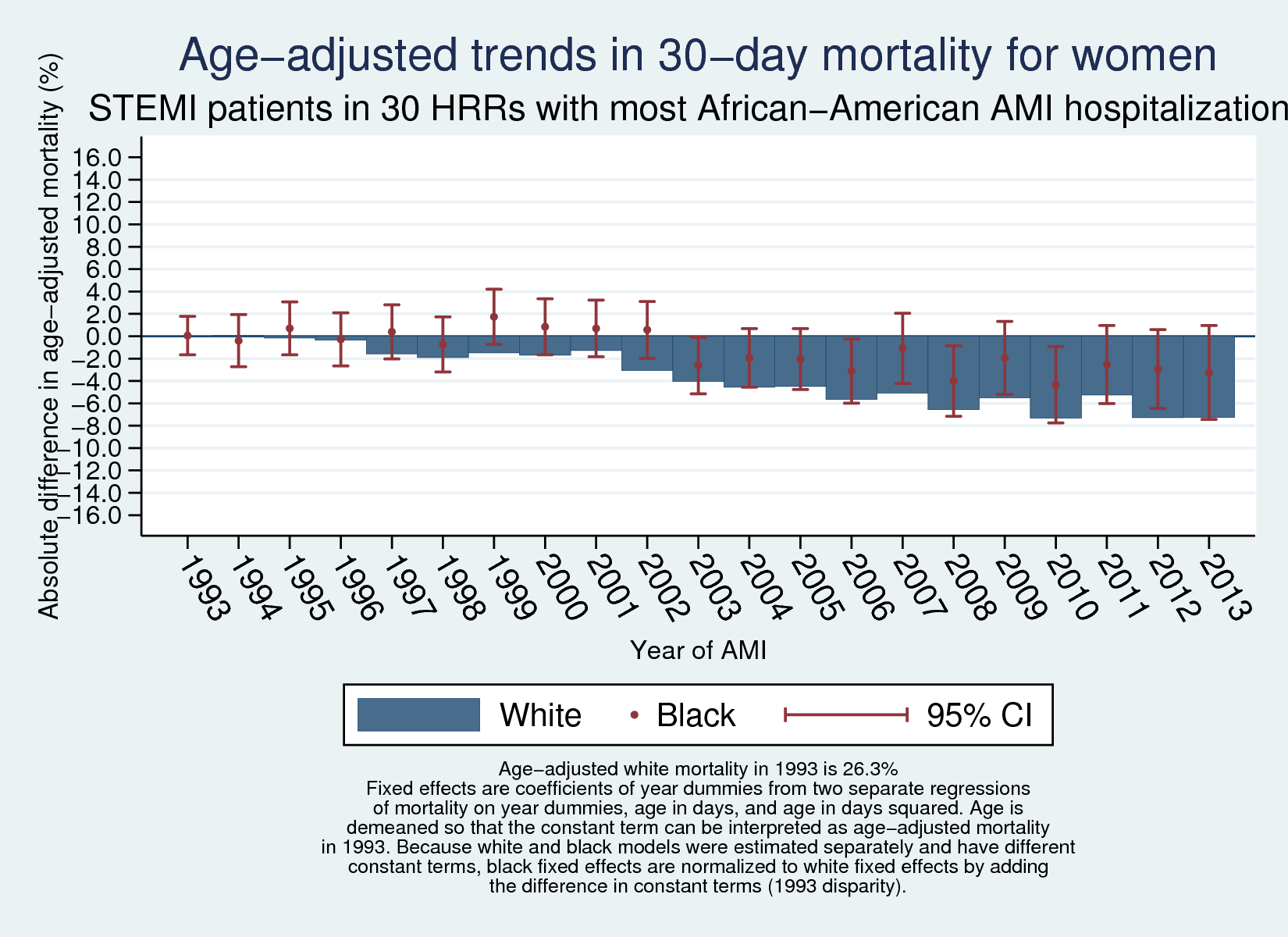
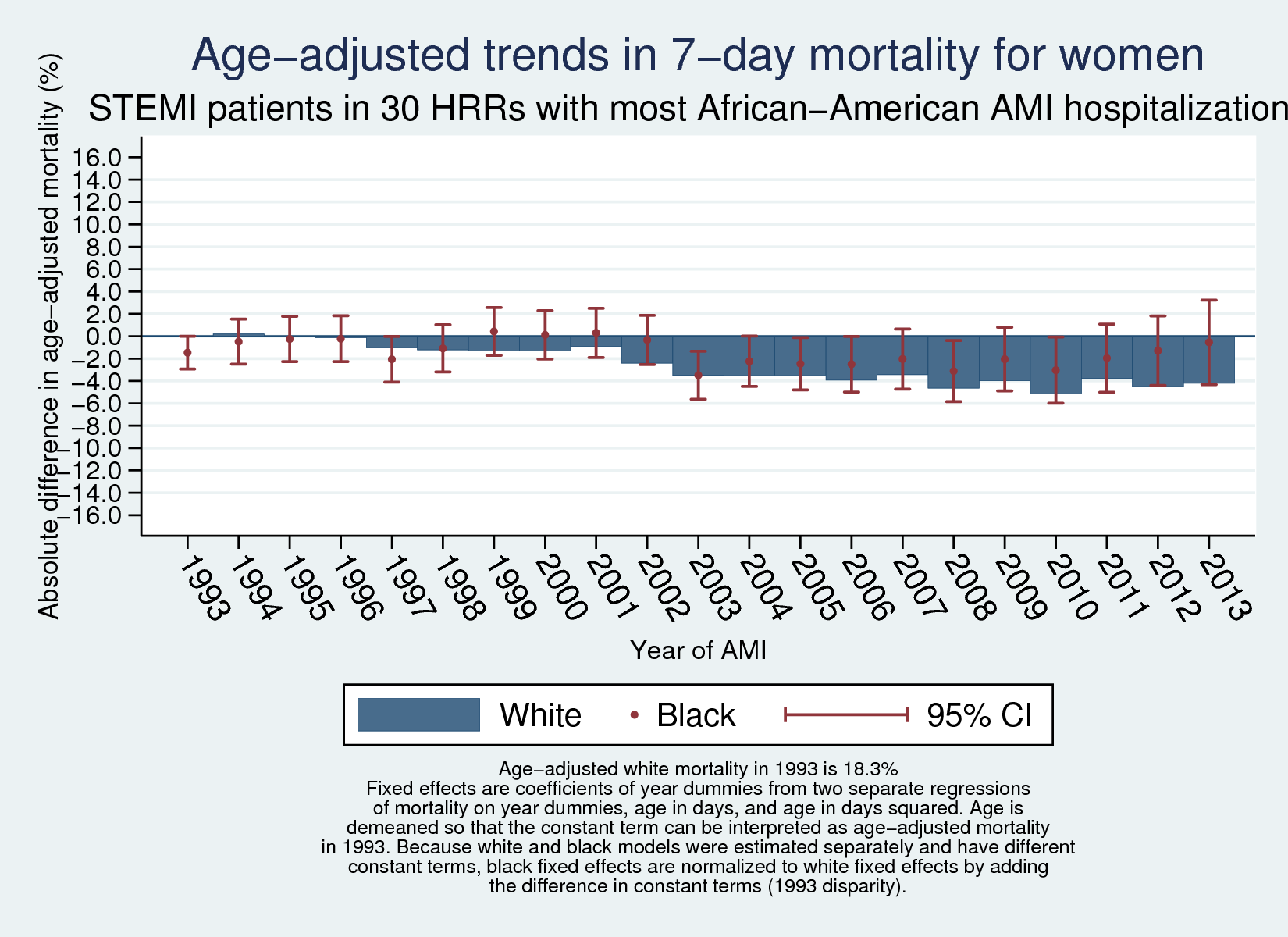
# Men: 30 HRRs with highest rates of high school graduation



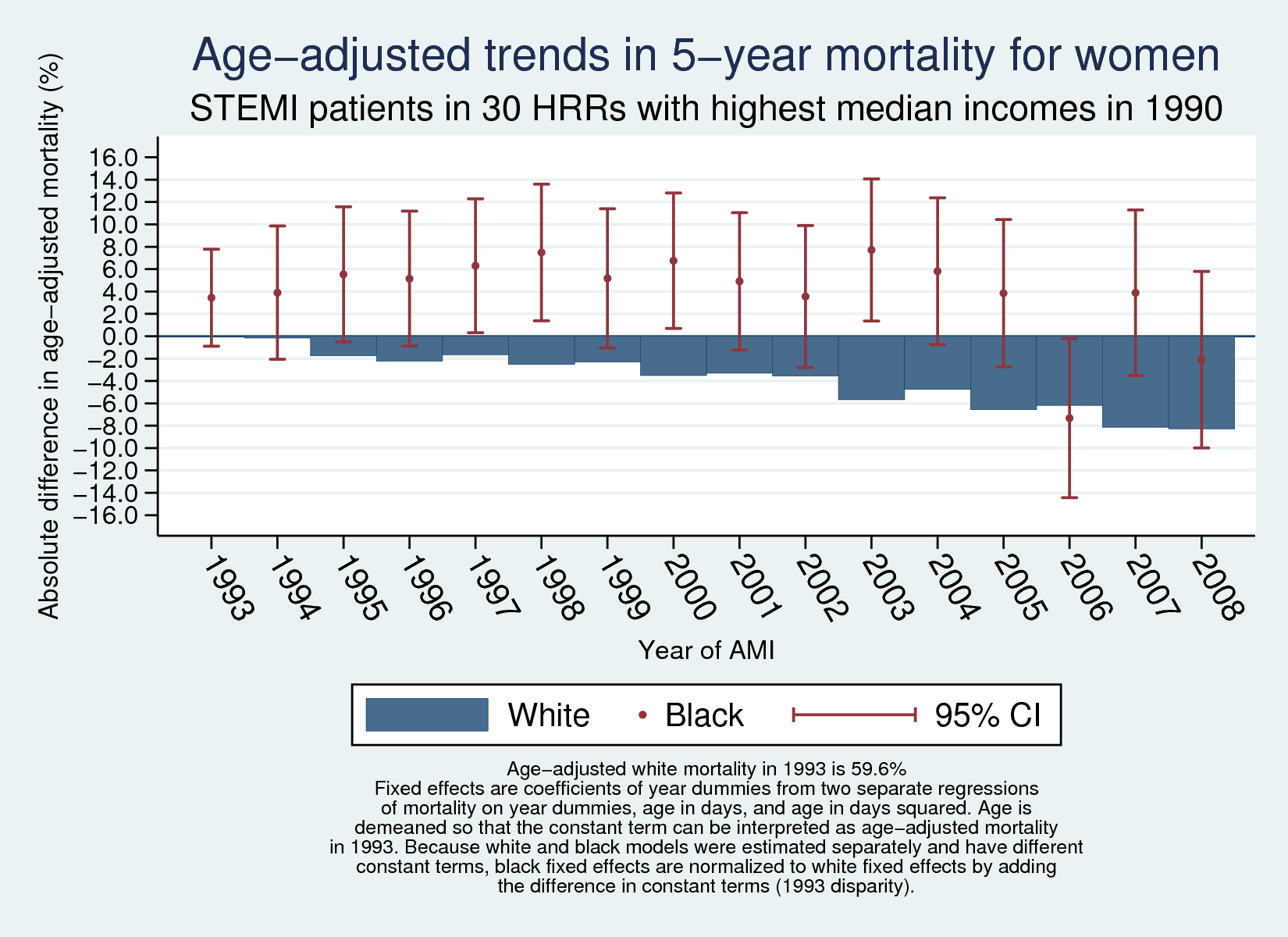
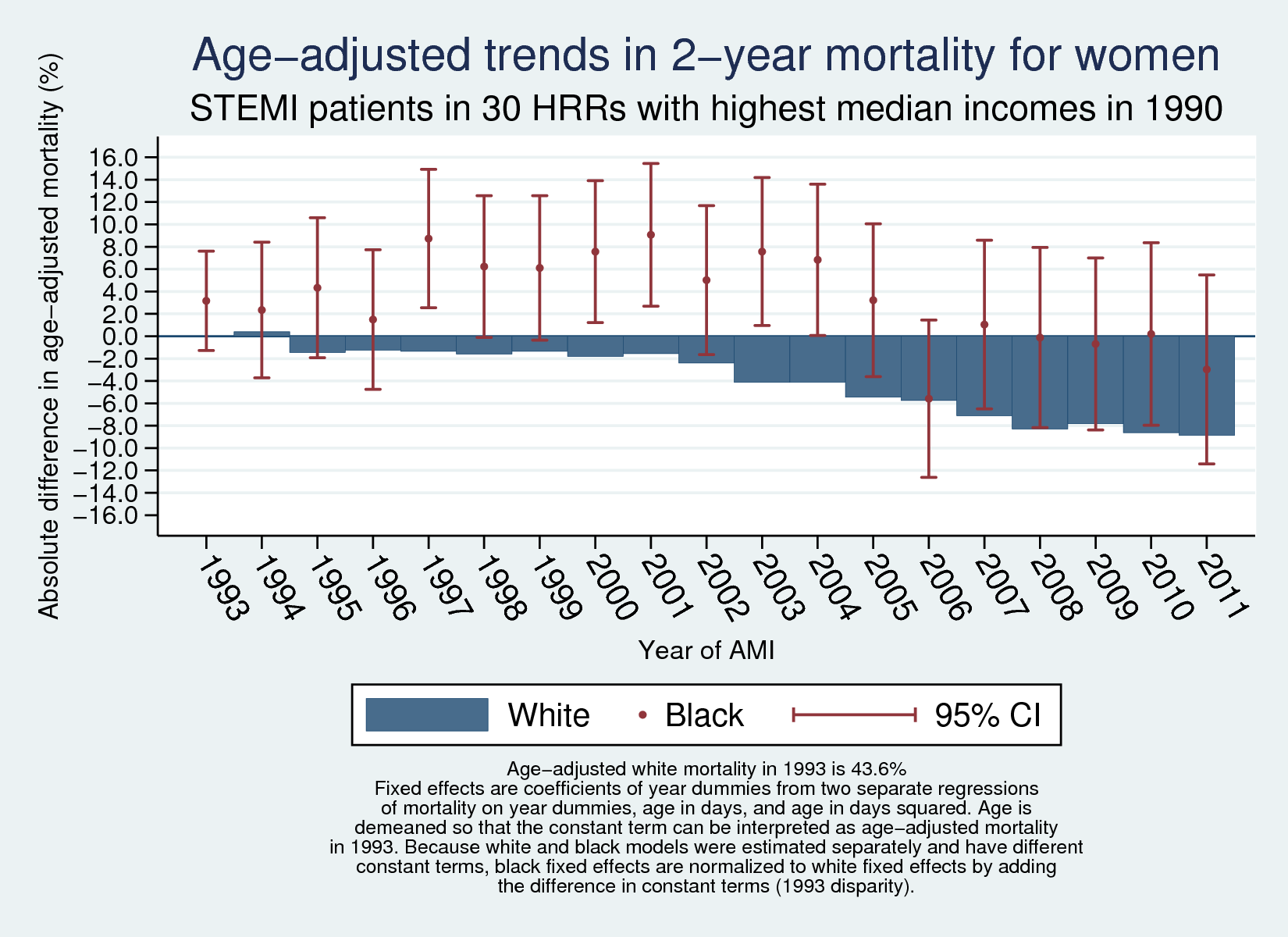
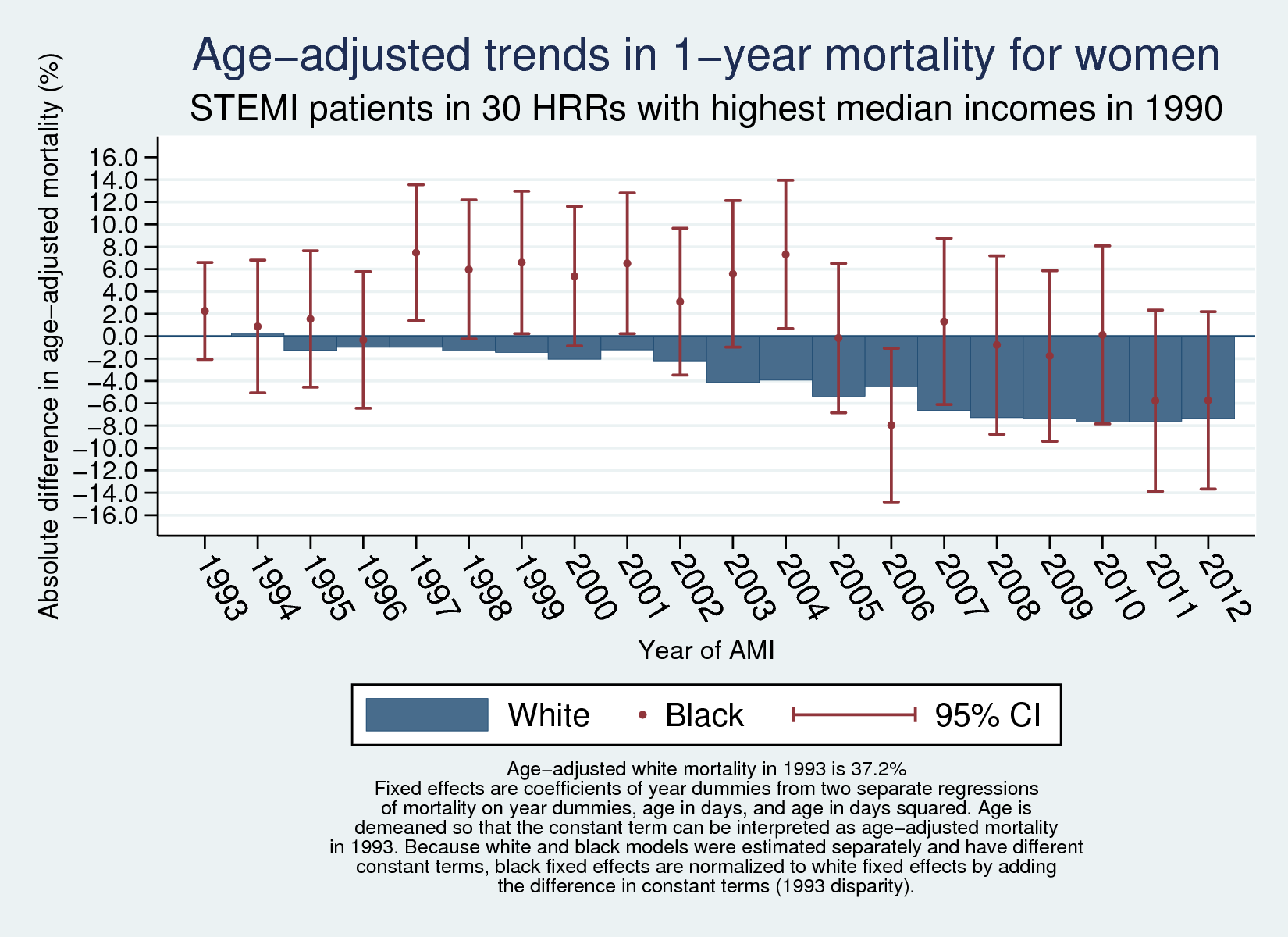
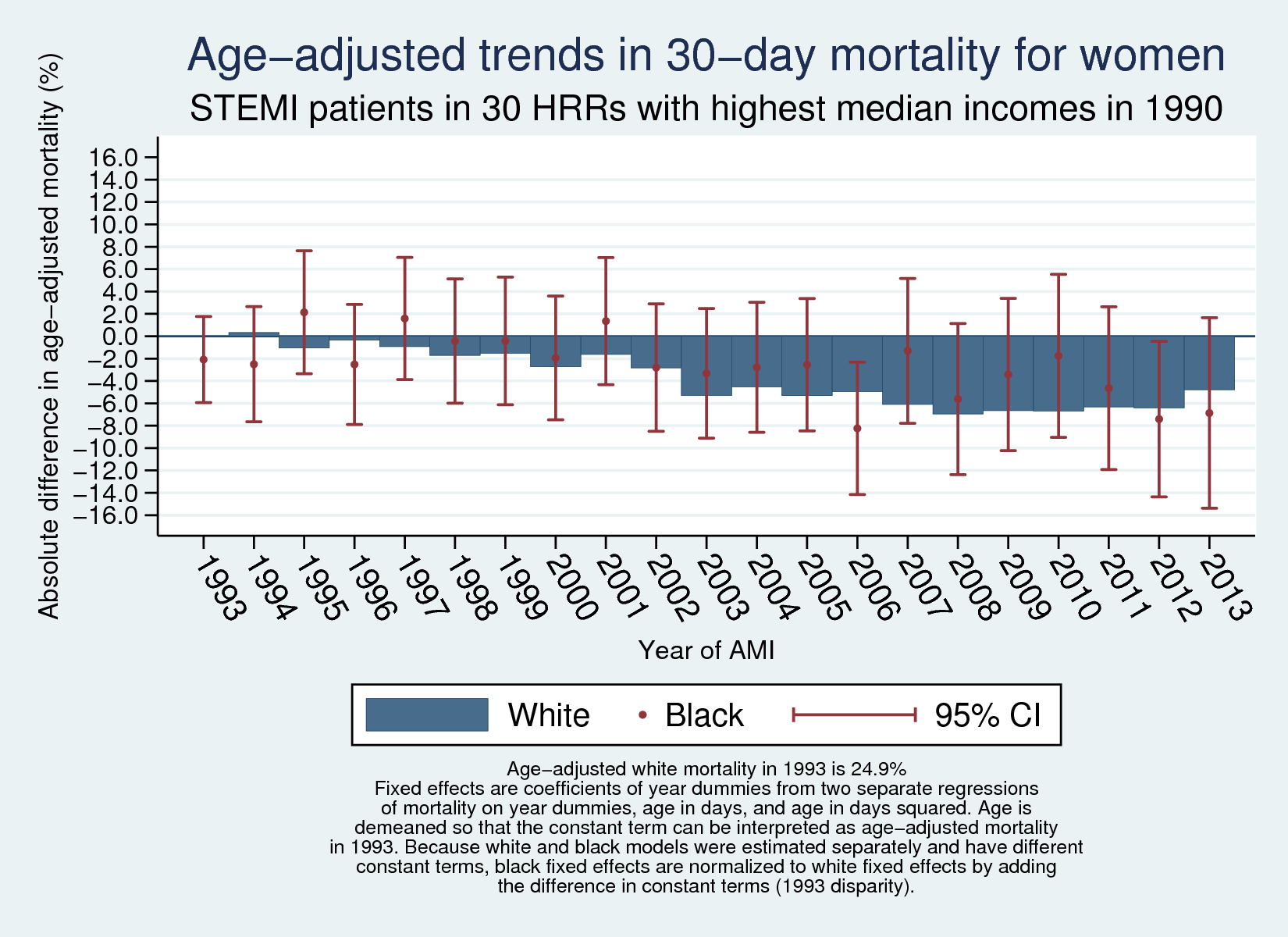
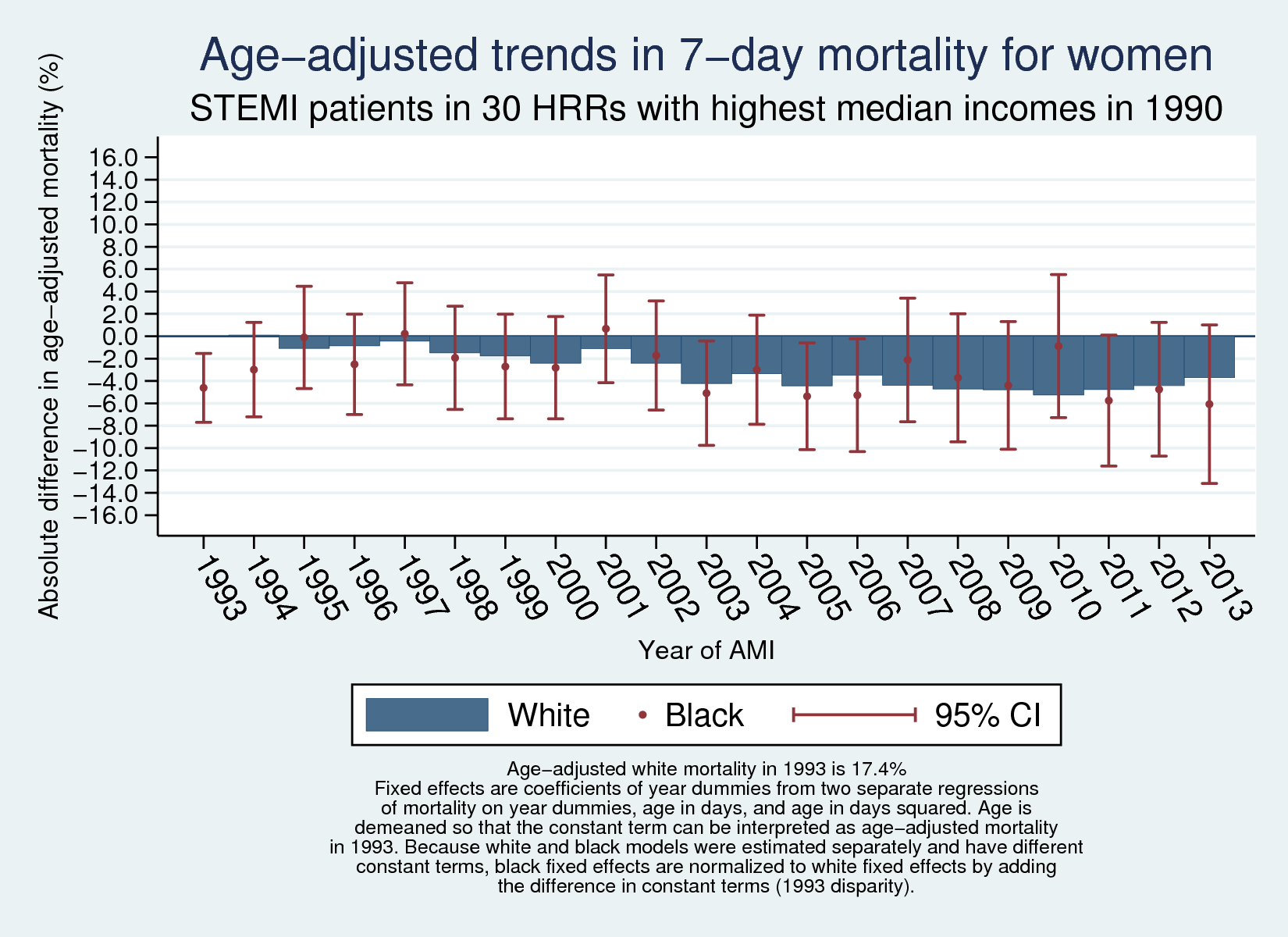
# Women



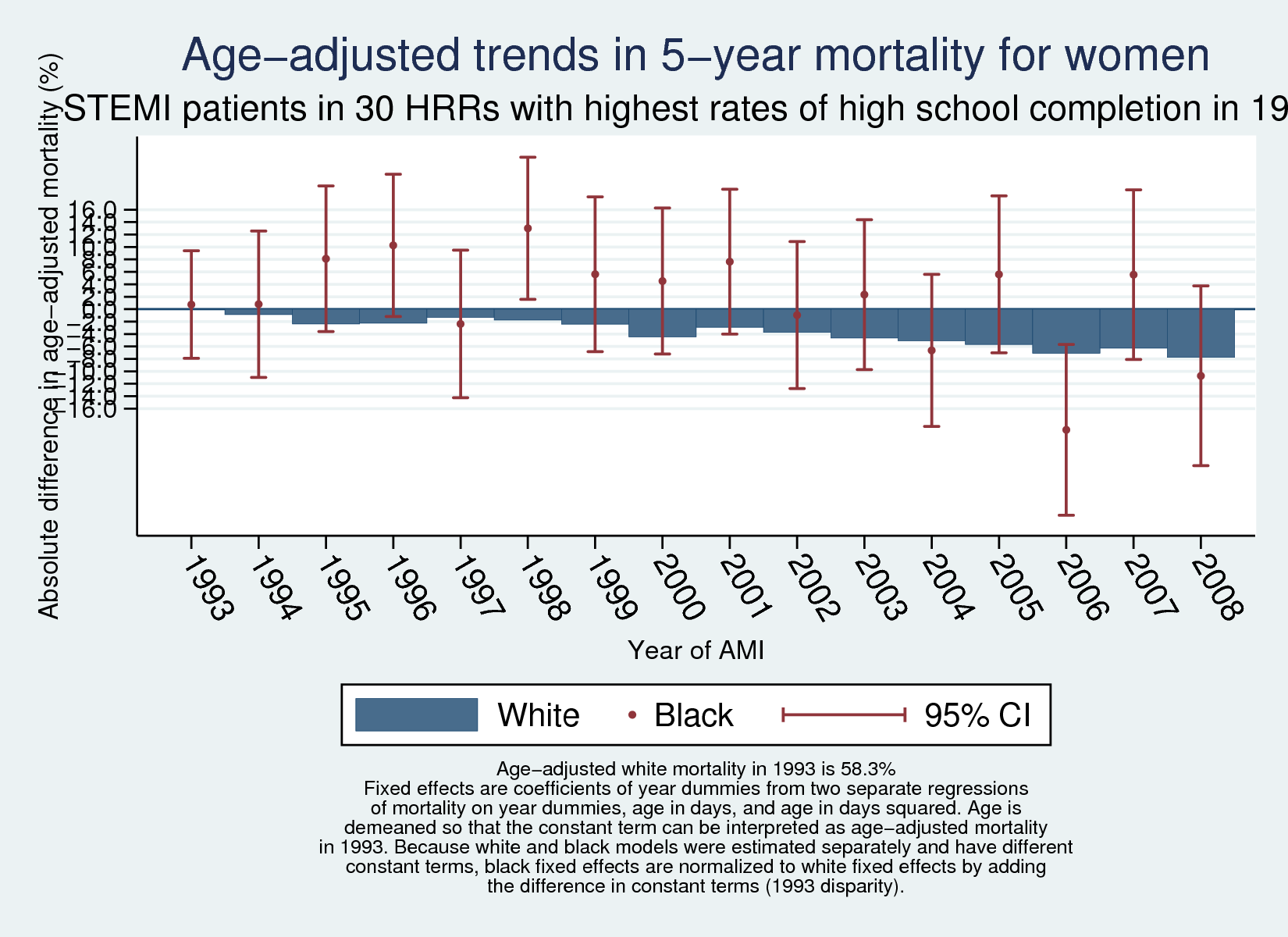
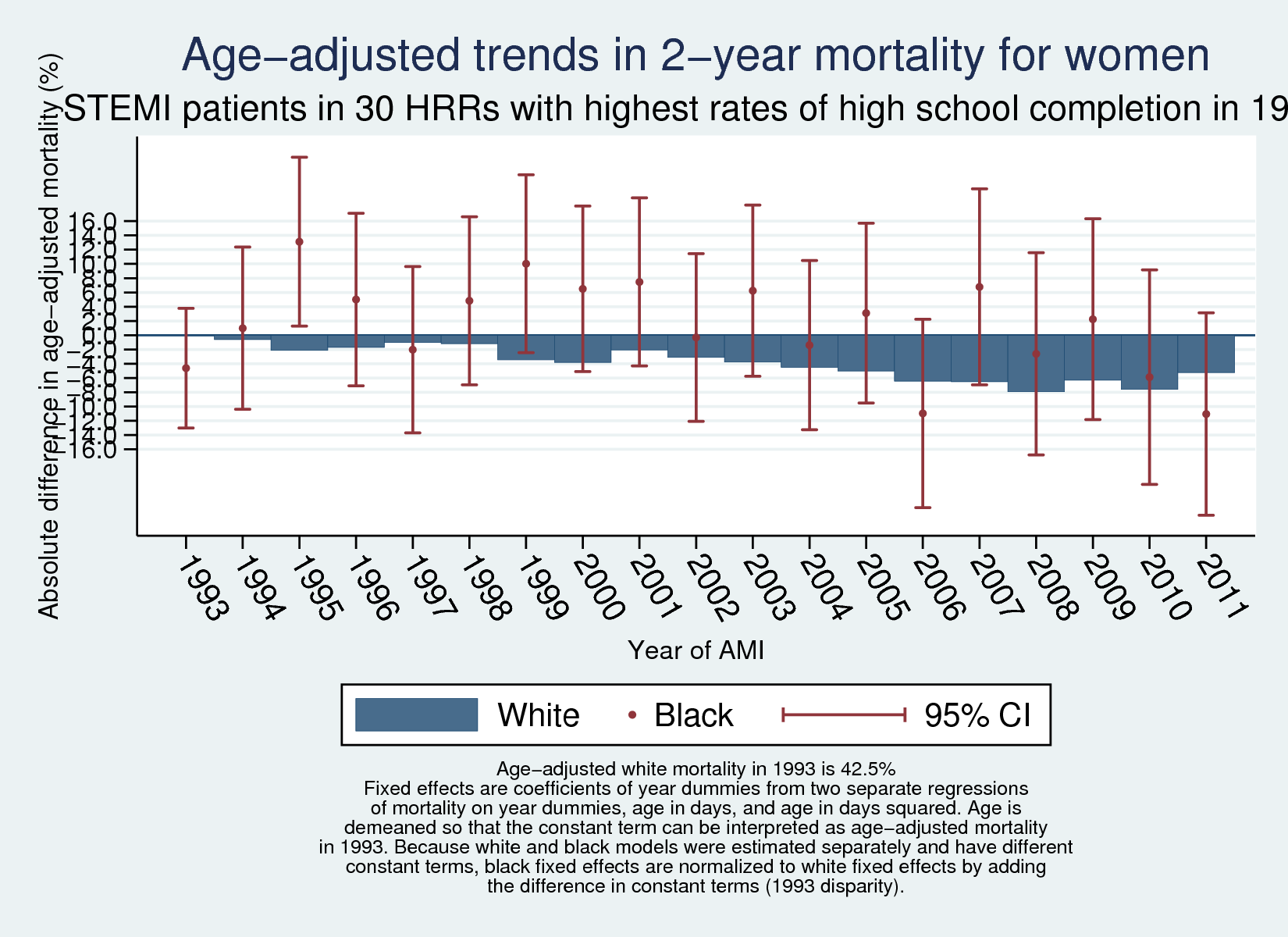
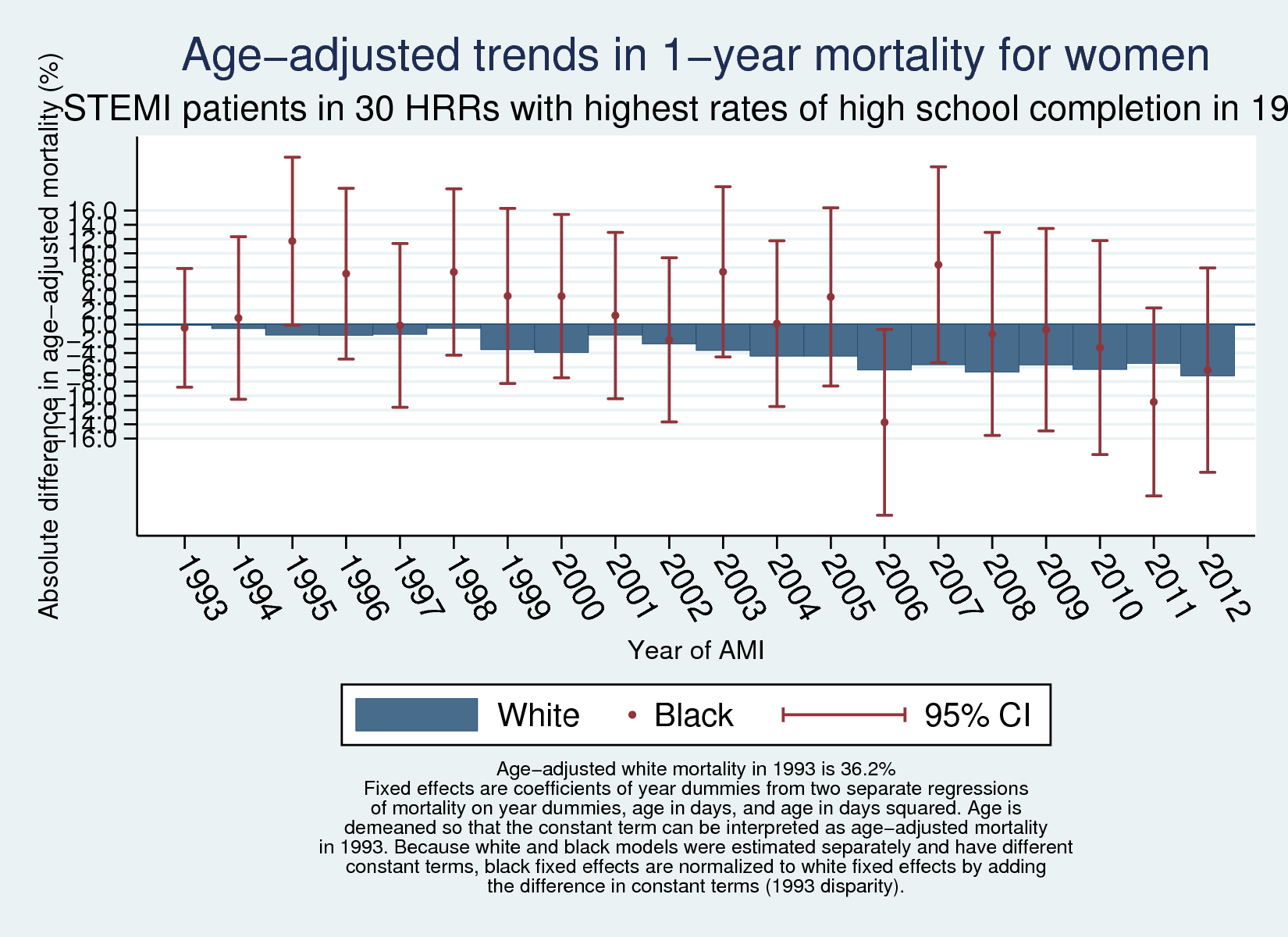
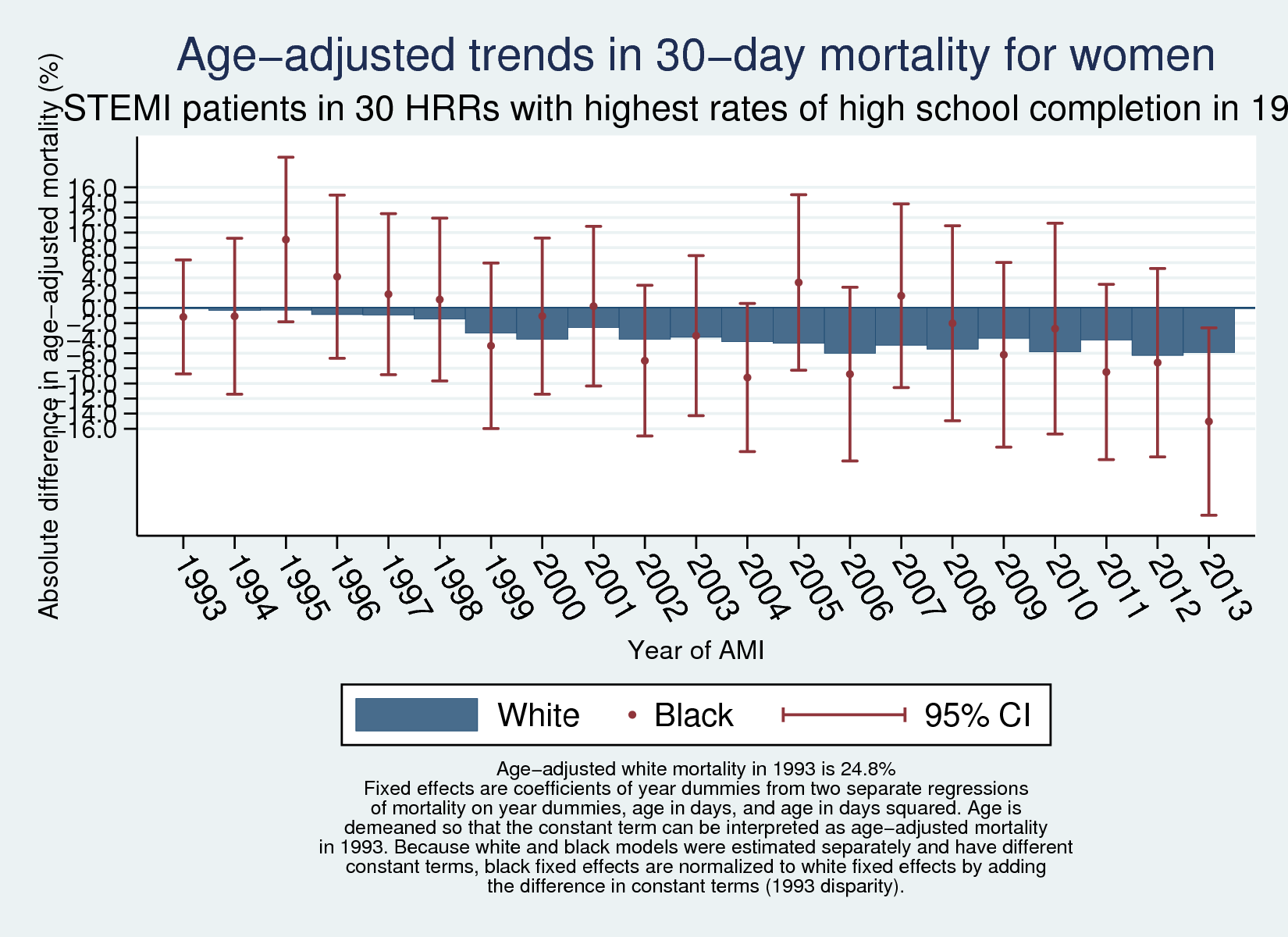
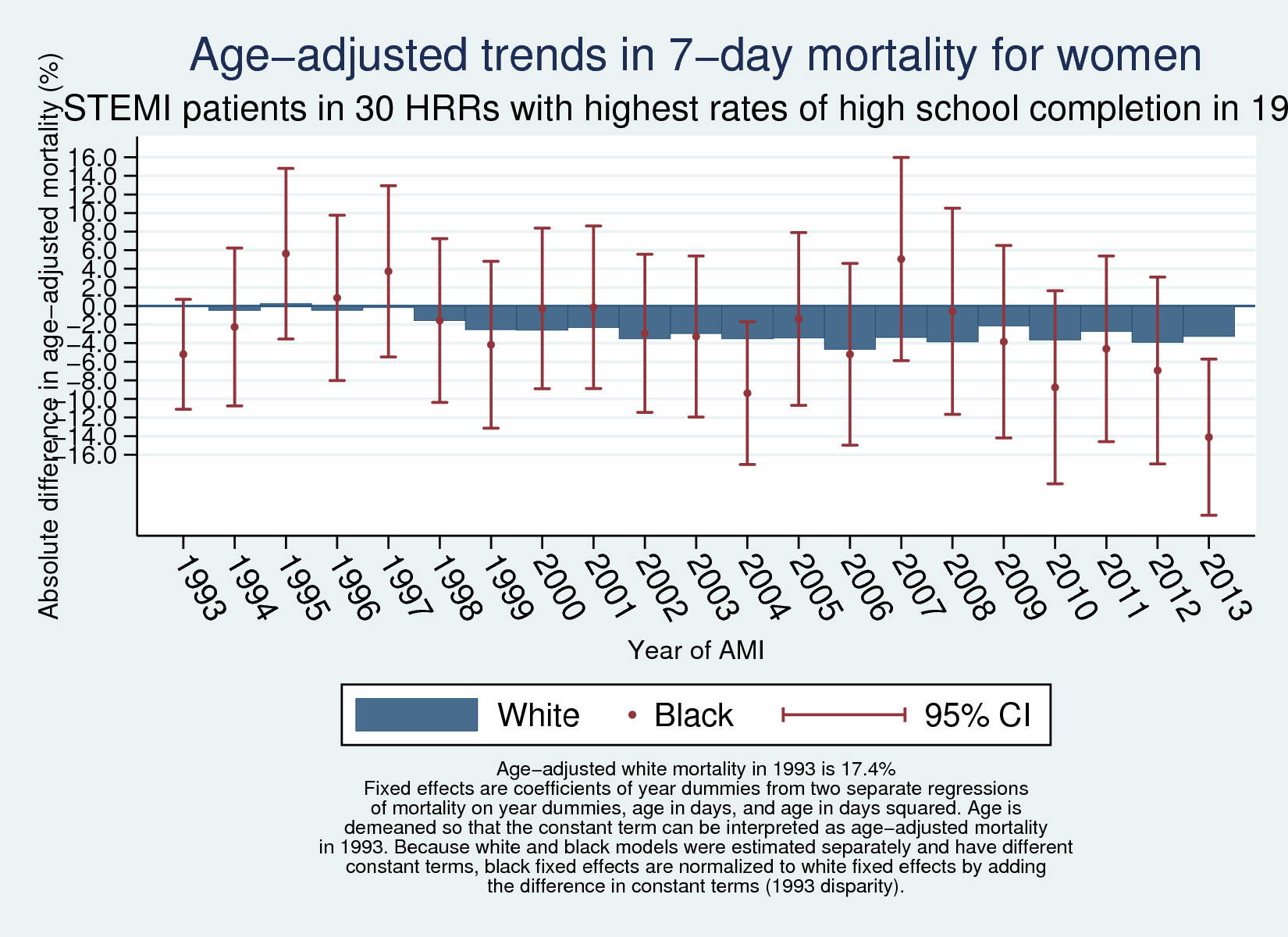
# Women: 30 HRRs with most African-American AMI hospitalizations



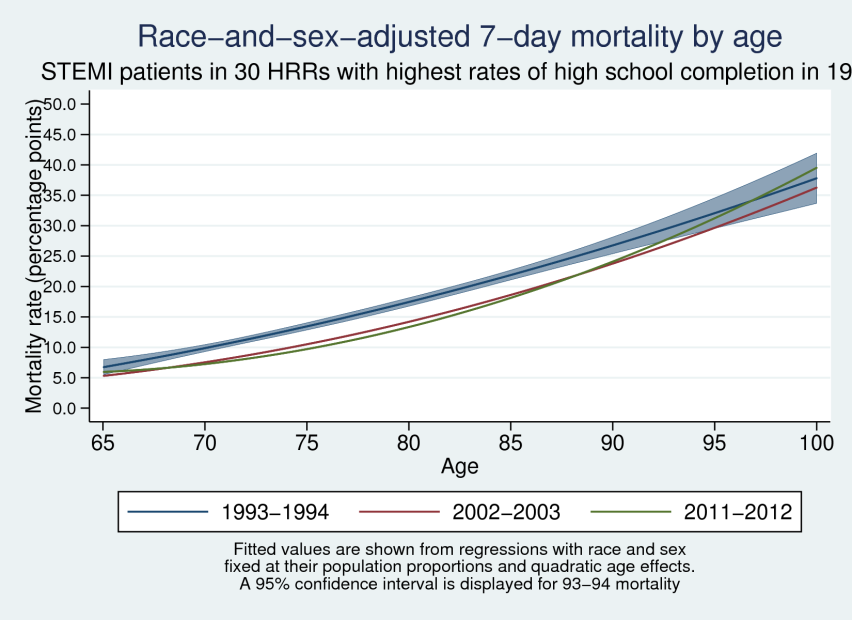
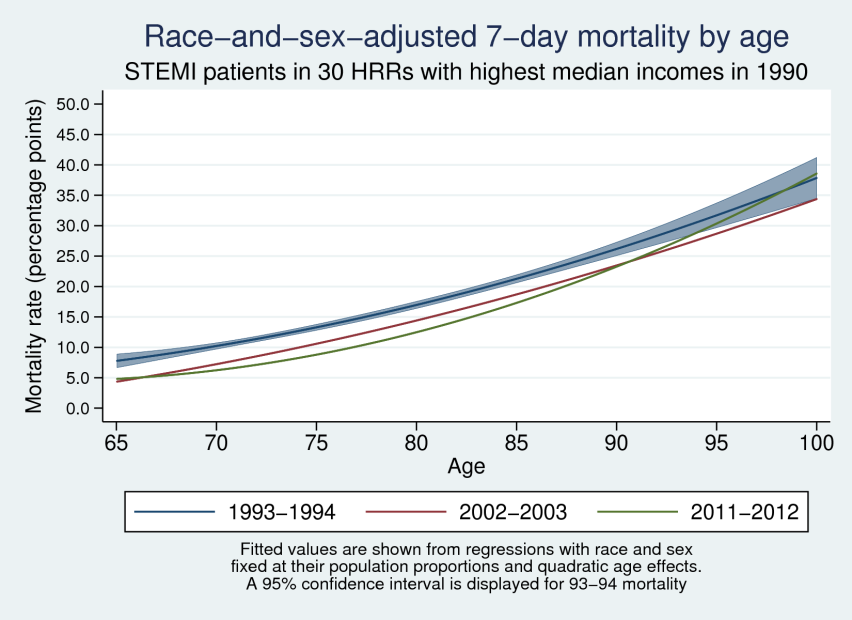
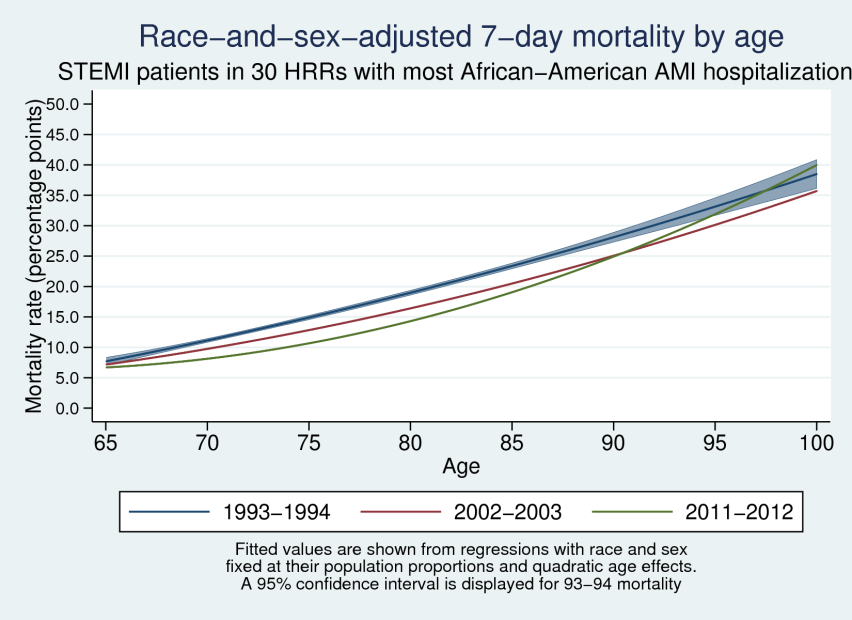
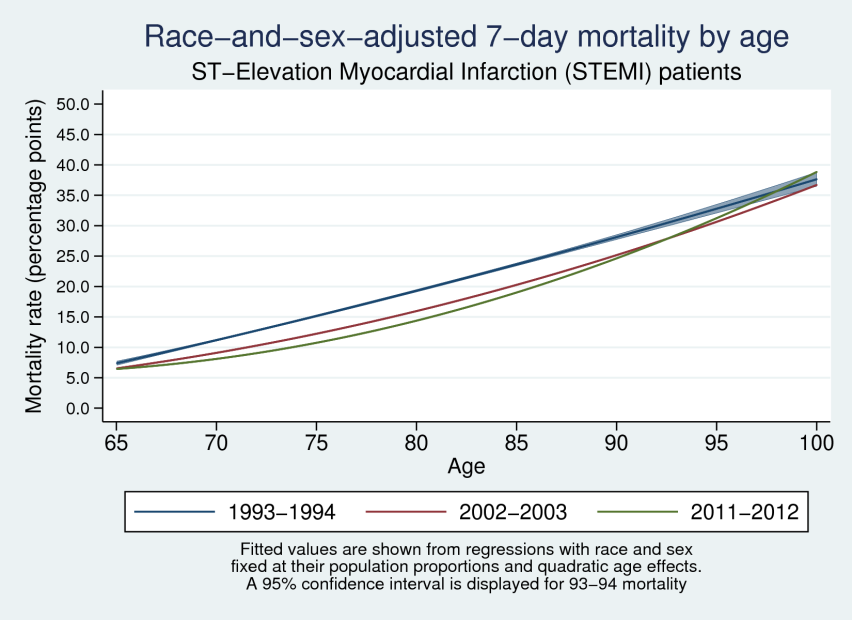
# Women: 30 HRRs with highest median incomes



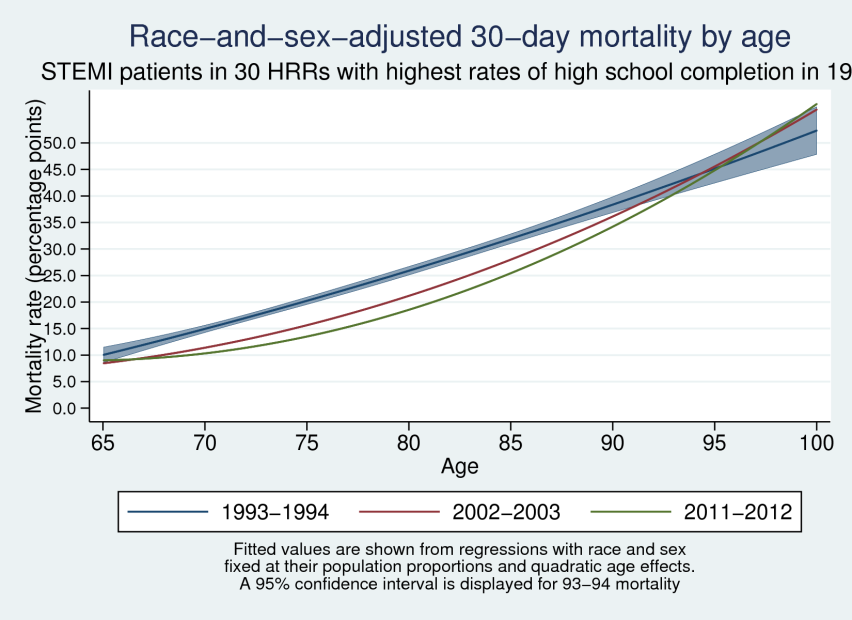
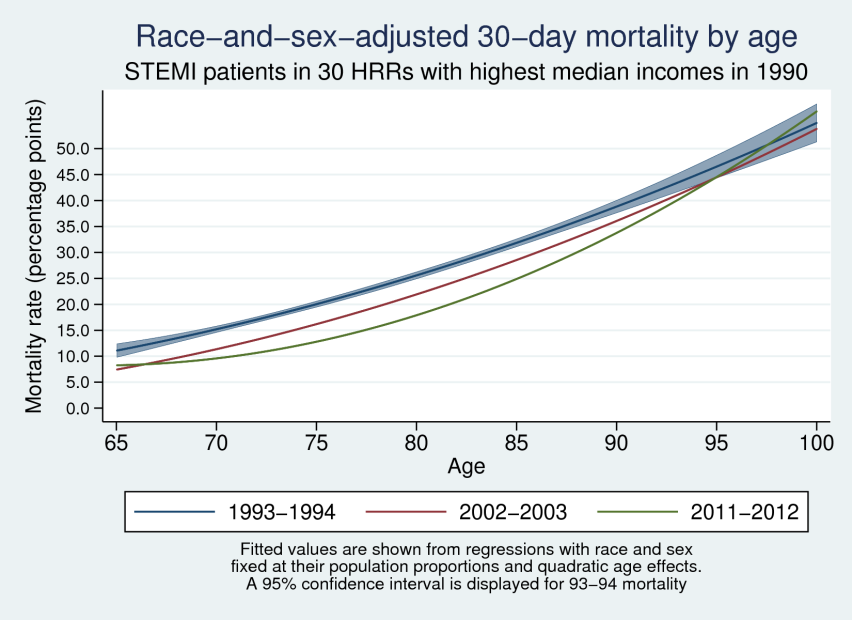
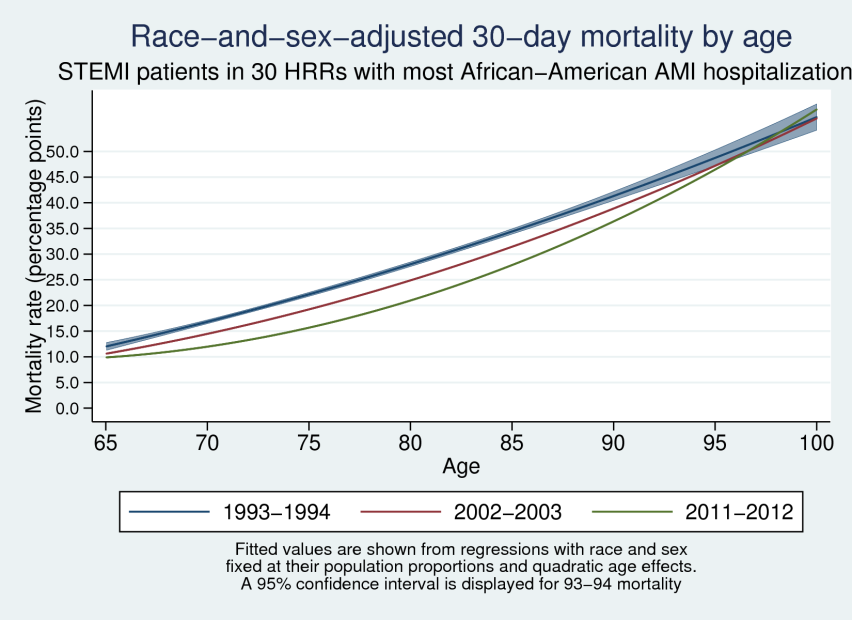
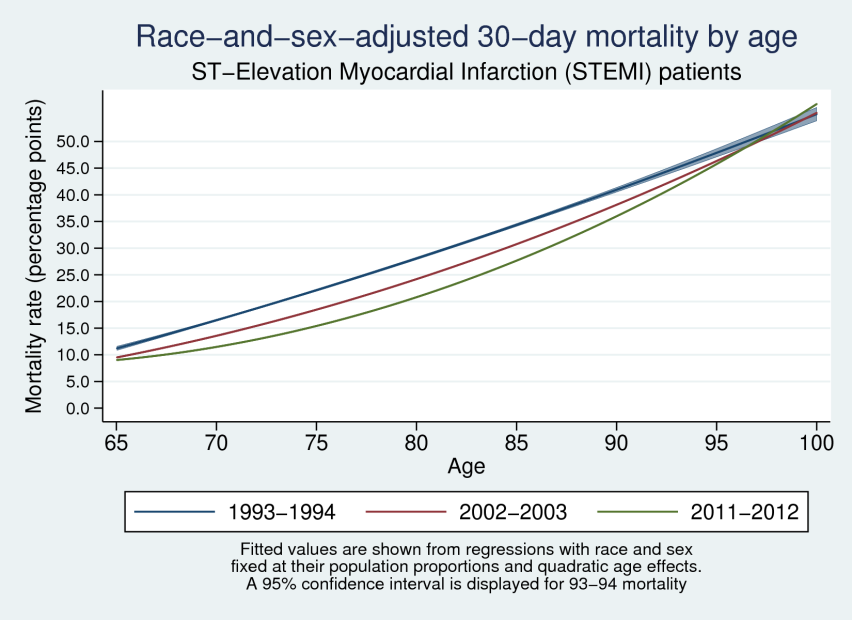
# Women: 30 HRRs with highest rates of high school graduation



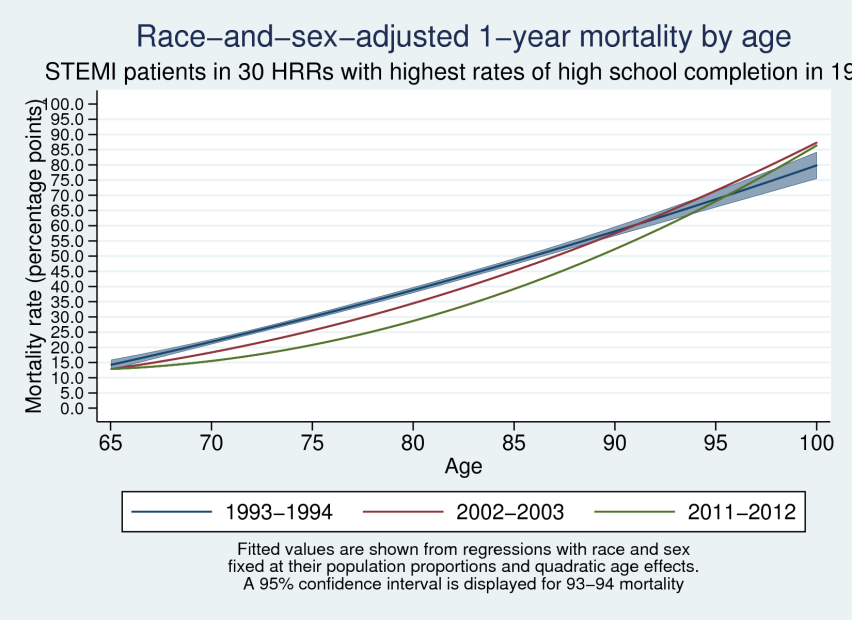
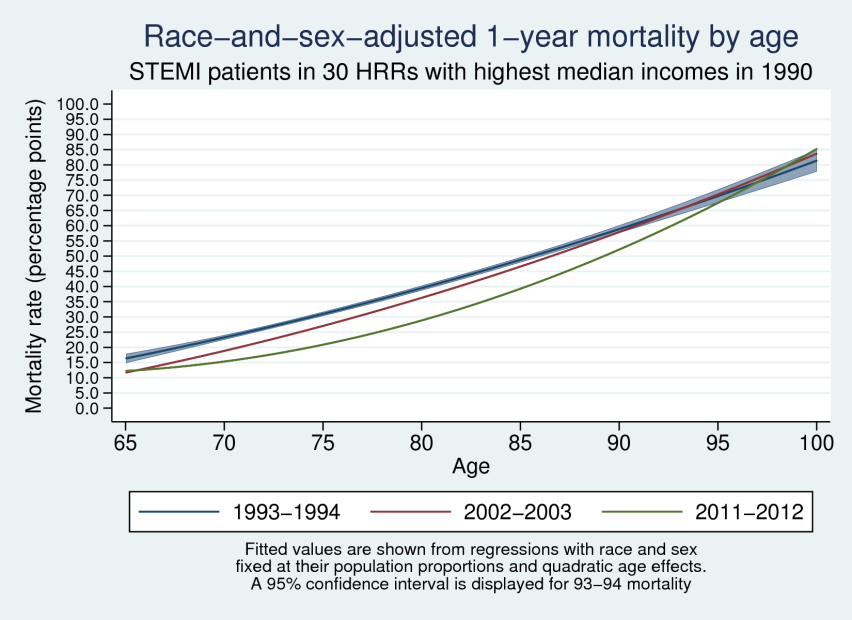
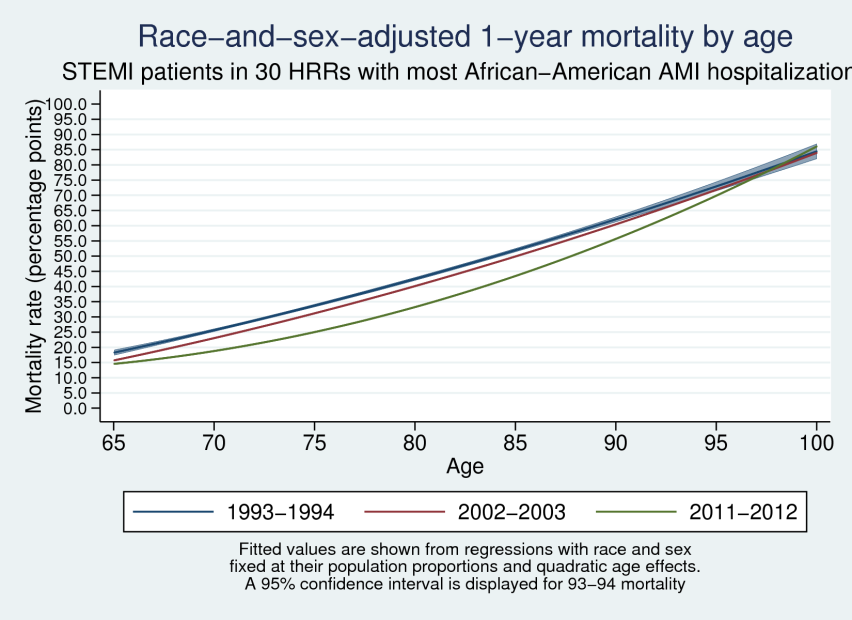
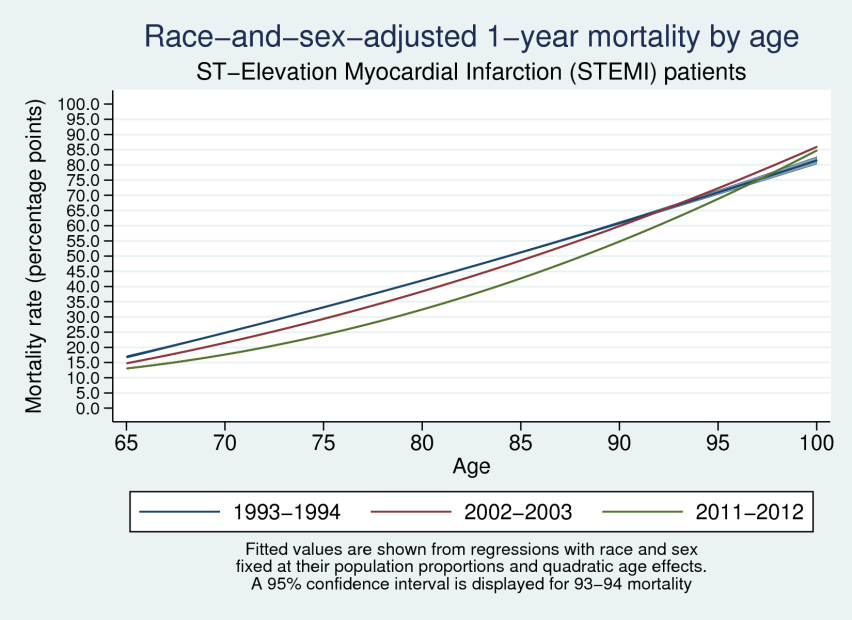
# Race-and-sex adjusted mortality: 7-day



# Race-and-sex adjusted mortality: 30-day



# Race-and-sex adjusted mortality: 1-year



# Race-and-sex adjusted mortality: 5-year

