

Figure 1: CQF and Weighting schemes in the 1980 Census (for US-born black and white men aged 40-49). Panels A - C plot the Conditional Quantile Function, the Linear Quantile Regression fit, and Chamberlain's Minimum Distance fit for log-earnings given years of schooling. Panels D - F plot the QR weighting function (histogram \times importance weights), the importance weights and the density weights.

SCHOOLING COEFFICIENTS

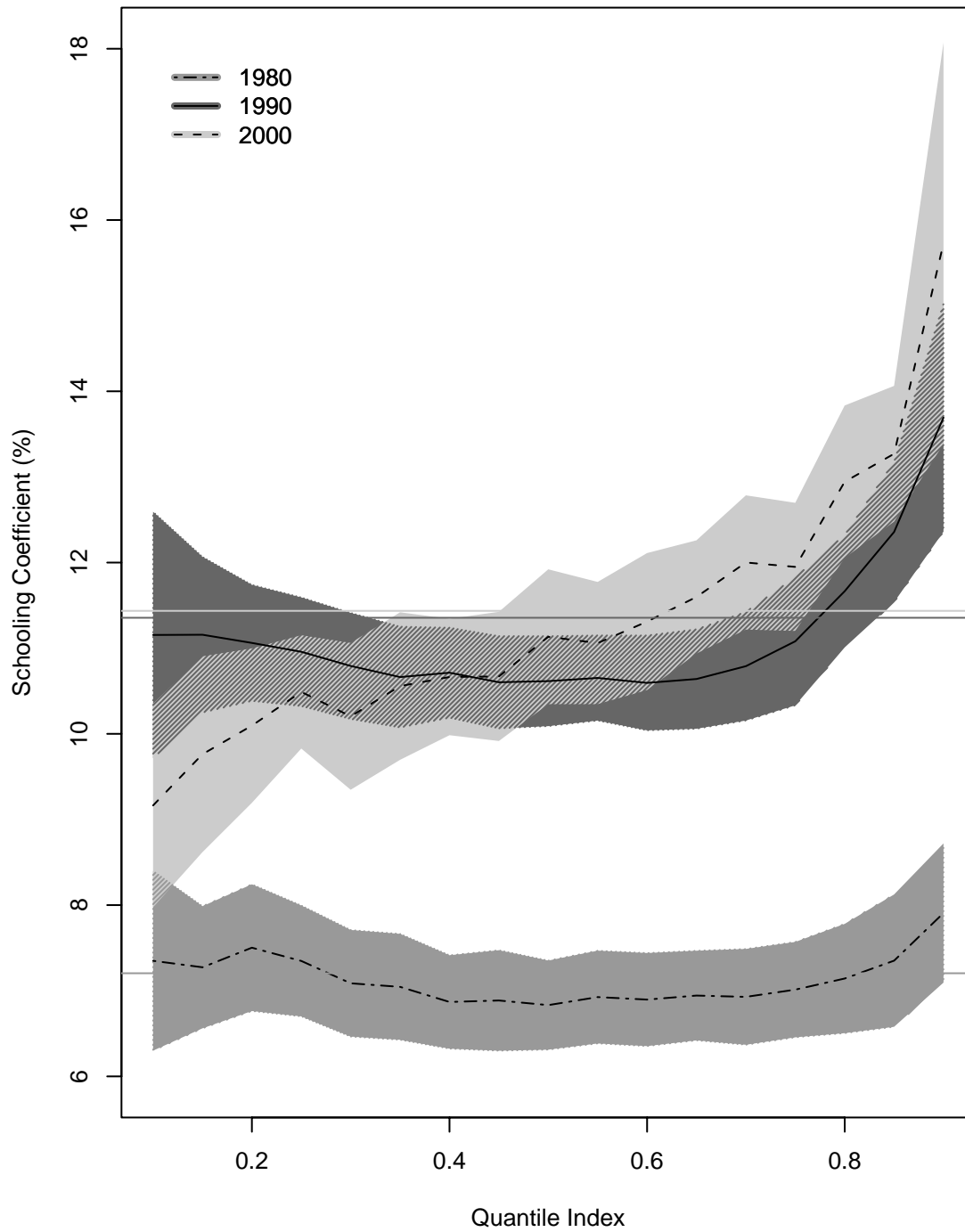


Figure 2a: Schooling coefficients in the 1980, 1990, and 2000 Censuses (for US-born black and white men aged 40-49). The figure shows the quantile process for the QR of log-earnings on years of schooling, race, and a quadratic function of experience; with robust simultaneous 95% confidence bands given by the shaded regions. The horizontal lines indicate OLS estimates of the schooling coefficients. Regions where the bands overlap are striped.

CONDITIONAL QUANTILES (at covariate means)

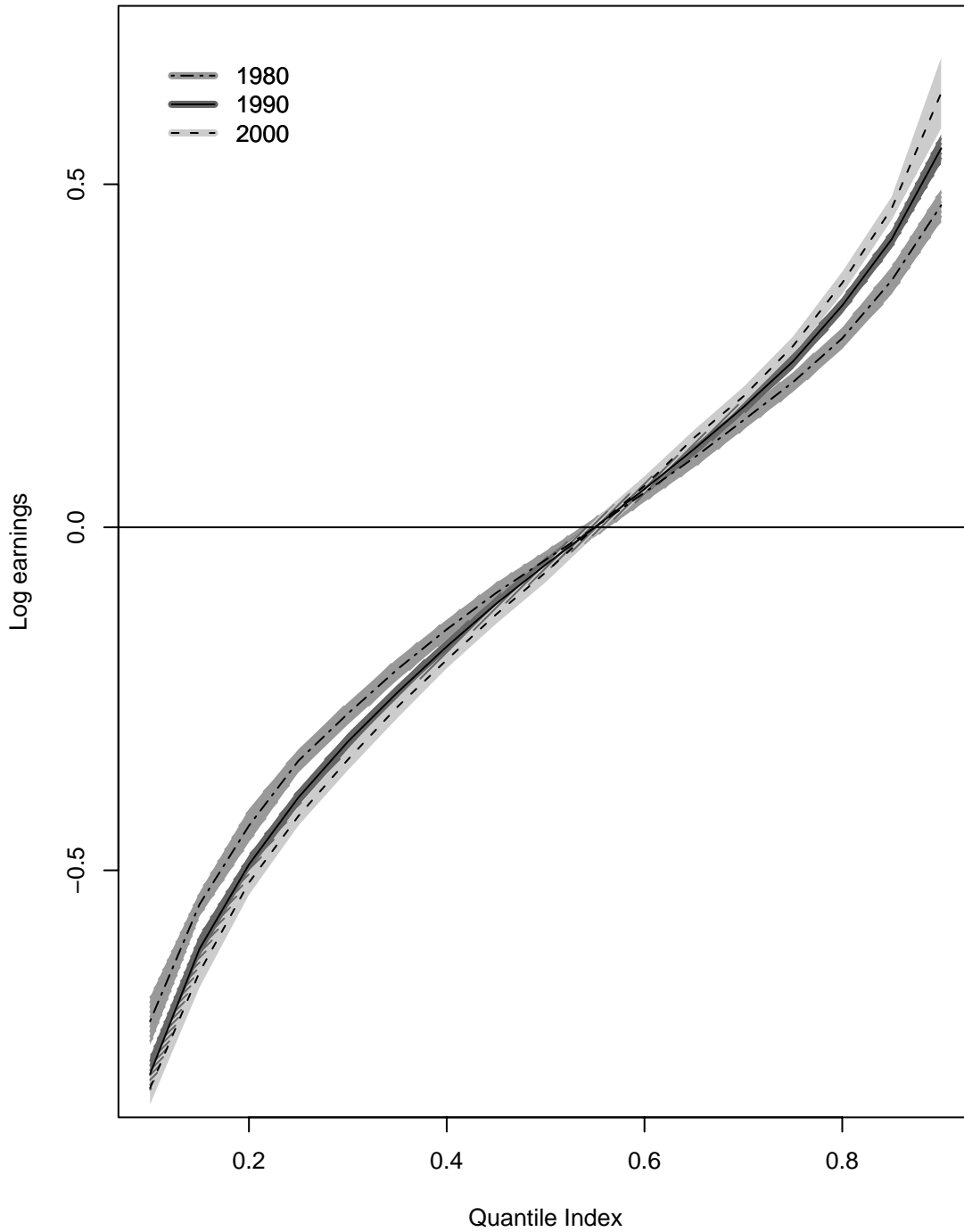


Figure 2b: Conditional quantiles of log-earnings in the 1980, 1990, and 2000 Censuses (for US-born black and white men aged 40 - 49). The figure shows simultaneous 95% confidence bands for the QR approximation to the conditional quantile function given schooling, race, and a quadratic function of experience. Covariates are evaluated at sample mean values for each year, and distributions are centered at median earnings for each year (i.e., for each quantile τ and year, $E[X]'(\hat{\beta}(\tau) - \hat{\beta}(.5))$ is plotted). Regions where the bands overlap are striped.