- Fitted to only females
- Estimated population counts are very similar across models with different priors on the LogQuad parameters
- raw UNPD census counts exhibits age heaping problems, which are reflected in the estimated migration proportions g_x
- Used WPP 1960 population estimates as baseline, from age 0 to 85+
- Estimated ${}_5q_0$ are mostly lower than the IGME estimates, except when the weighted mean prior is used
- Estimated ${}_{45}q_{15}$ lower than WPP estimates most of the time
- DHS raw mortality rates don't seem to be under-represented according to the estimated LogQuad models
- Cannot converge for joint sex projection, unless the open age group is reduced to 80+ (possibly because WPP 1960 estimates for 85+ were 0?)
- Tried fitting the model to both males and females, however estimates for male mortality rates are much lower than the IGME estimates again
  - Tried using male population counts and fit it to the female model, estimates remain unchanged, so probably not a coding error, but will double check again

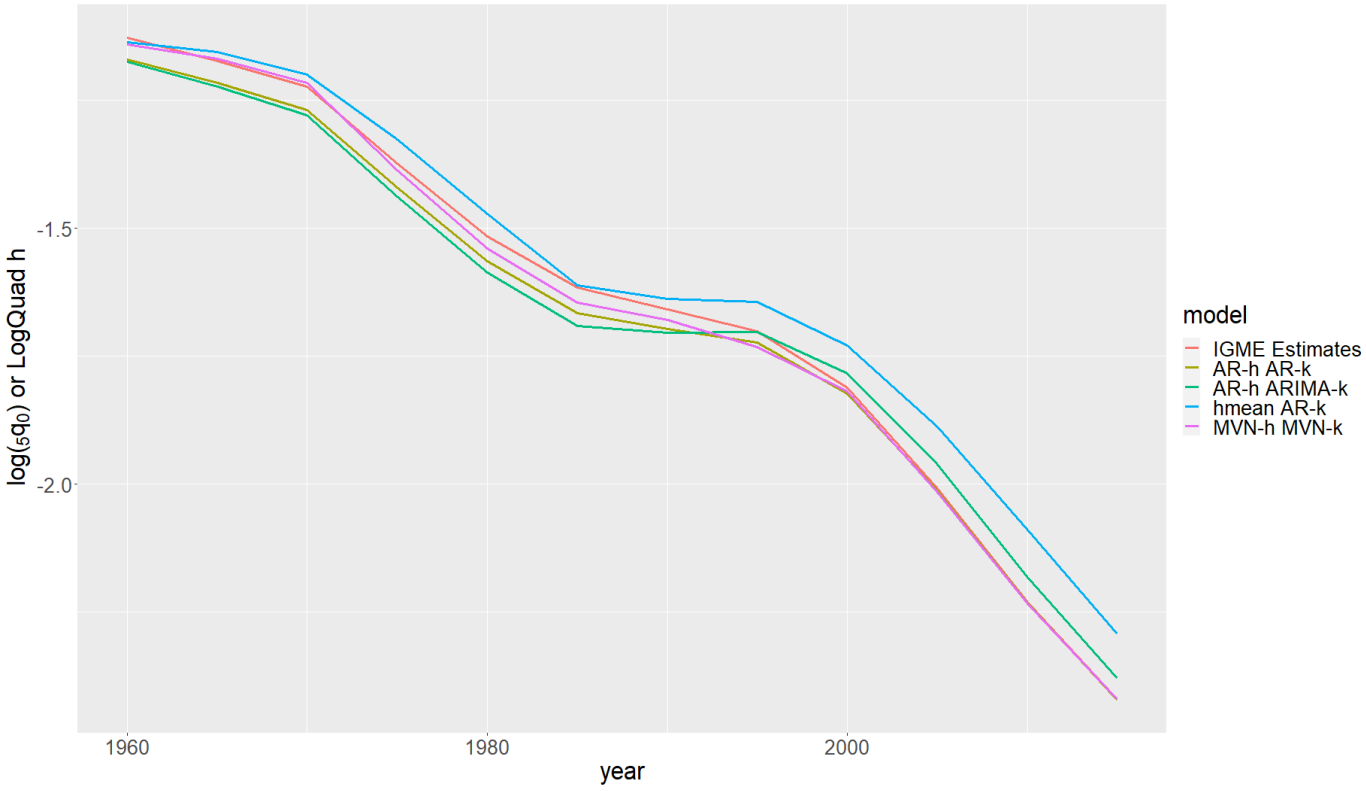

Figure 1: Estimated h

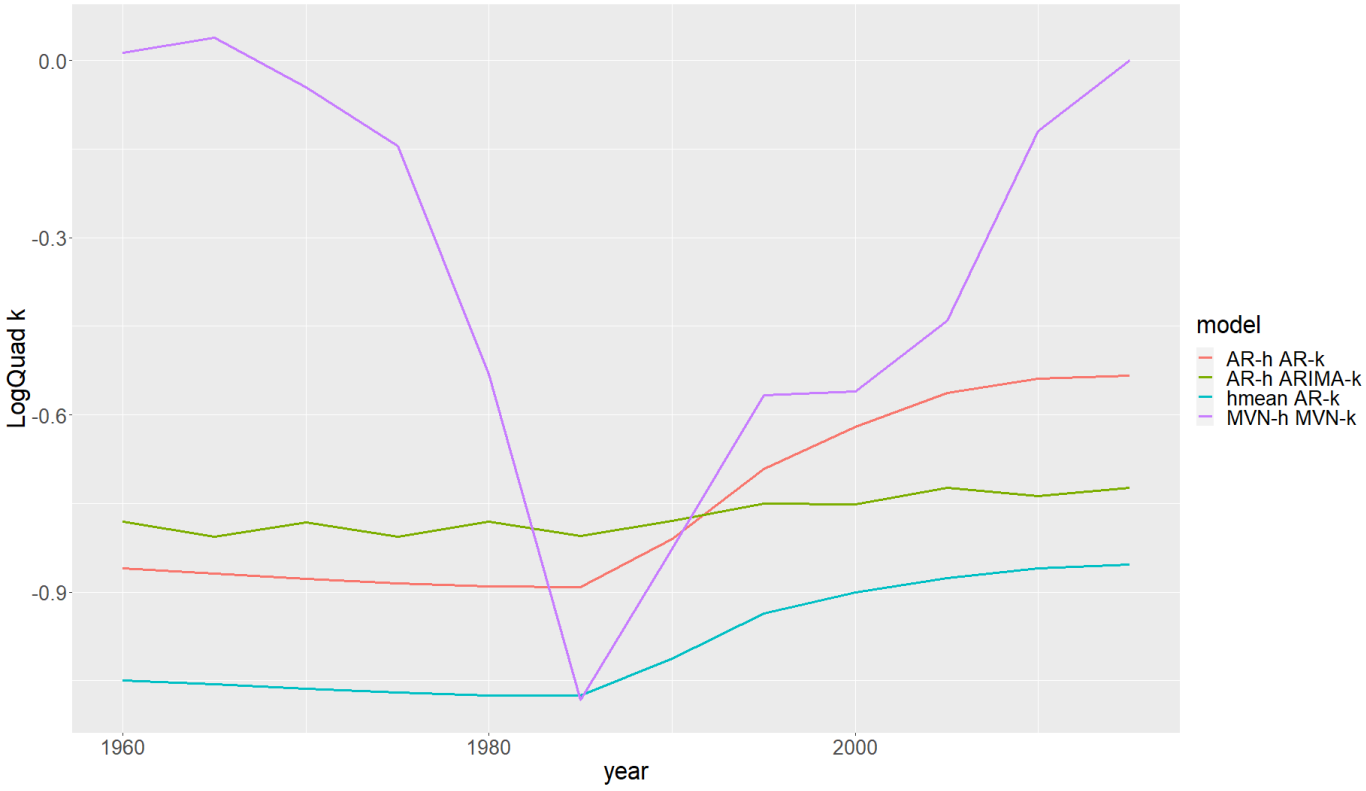

Figure 2: Estimated k

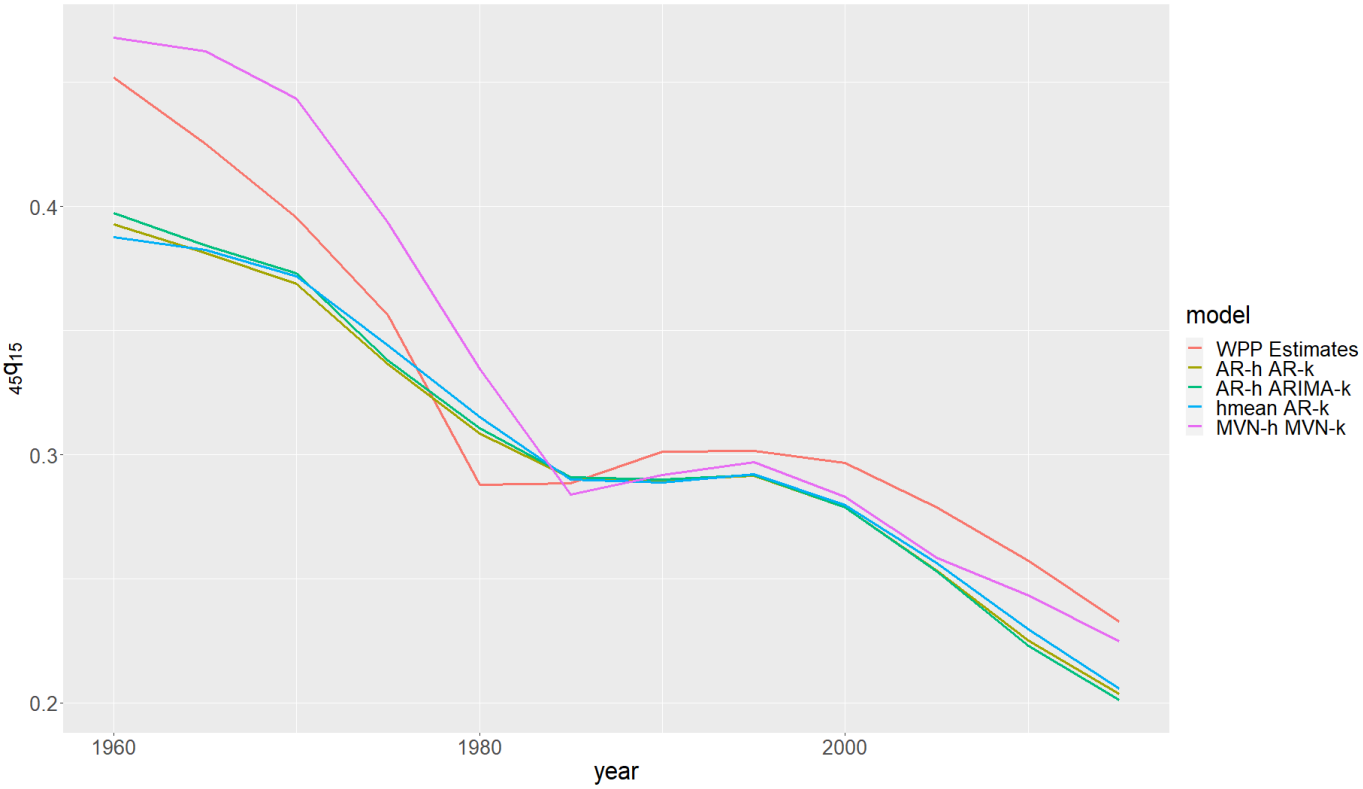

Figure 3: Estimated ${}_{45}q_{15}$

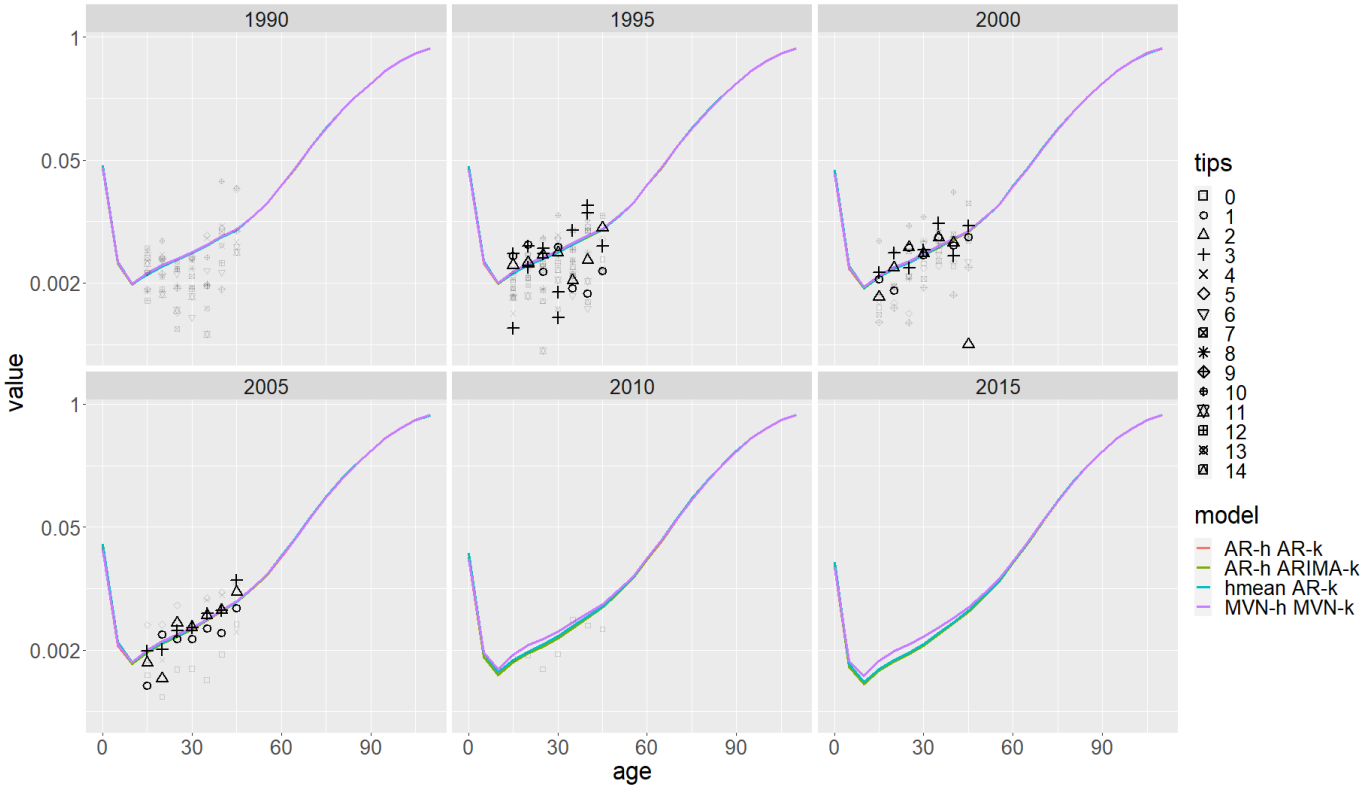

Figure 4: Estimated period mortality rates

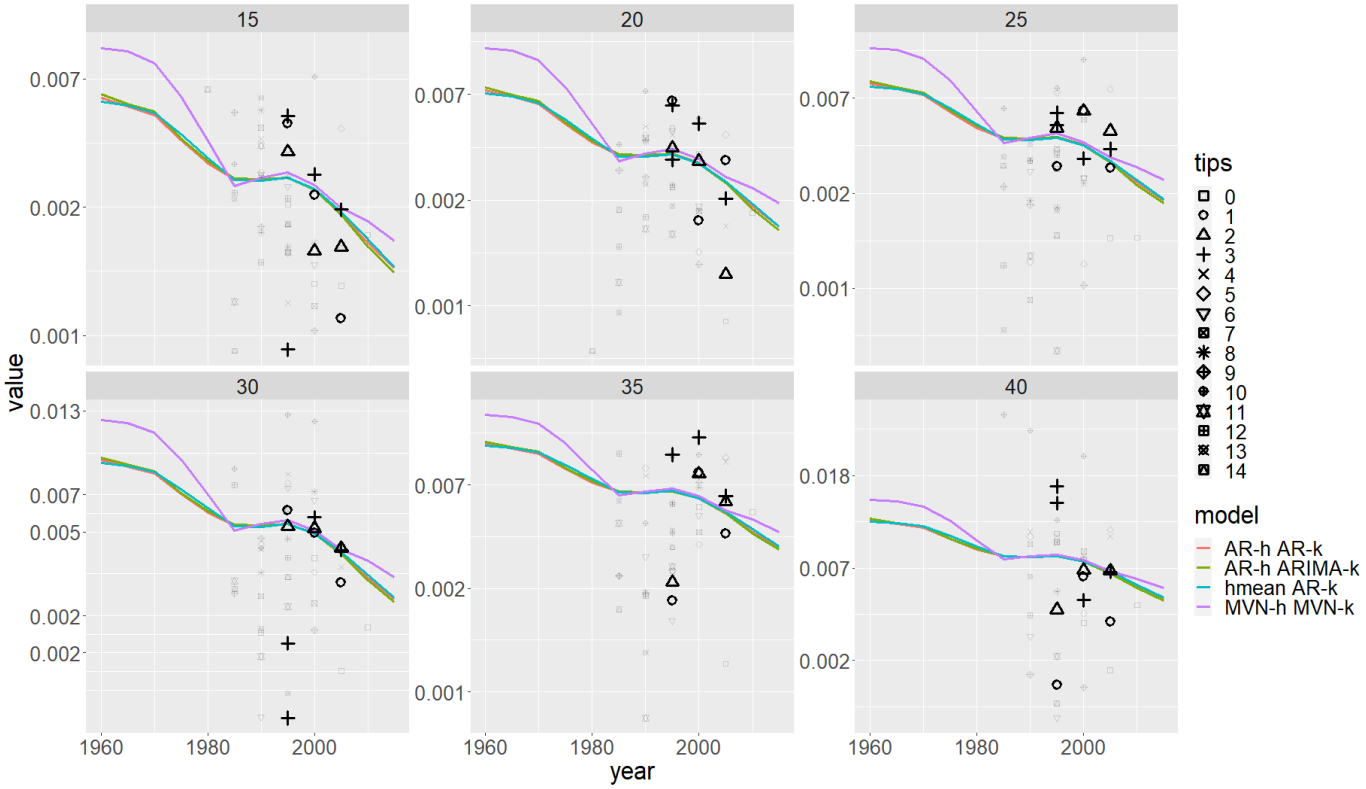

Figure 5: Estimated period mortality rates

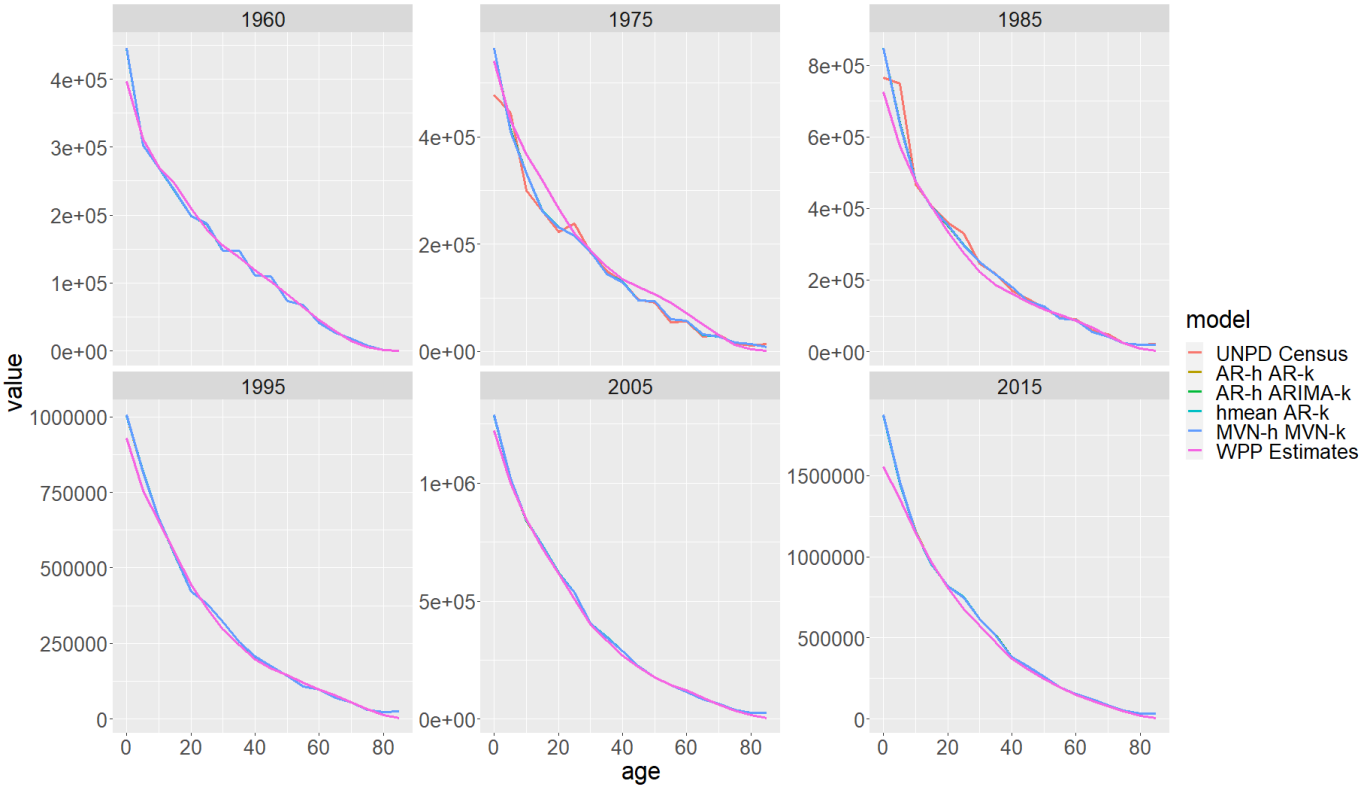

Figure 6: Estimated population counts in different years

Figure 7: Estimated population counts for different cohorts

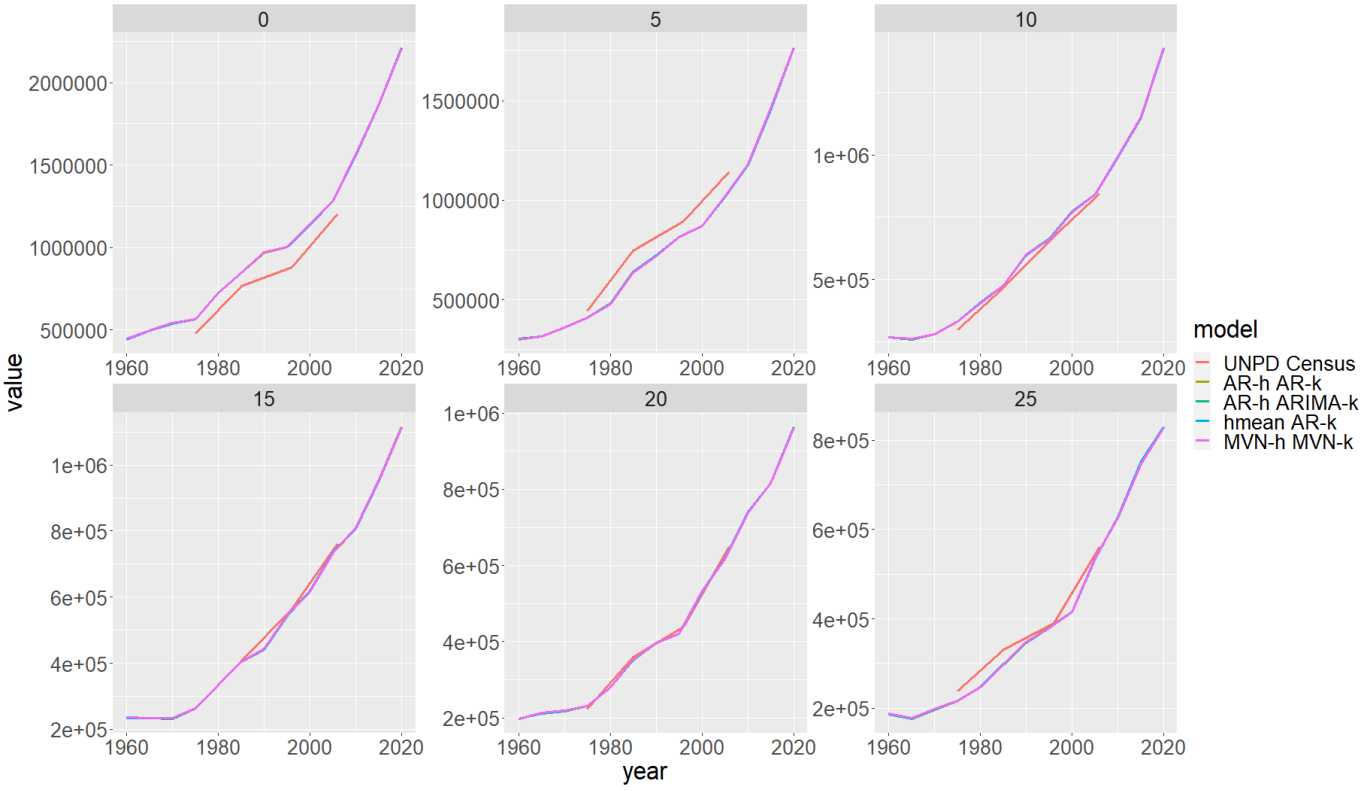

Figure 8: Estimated population counts at different ages

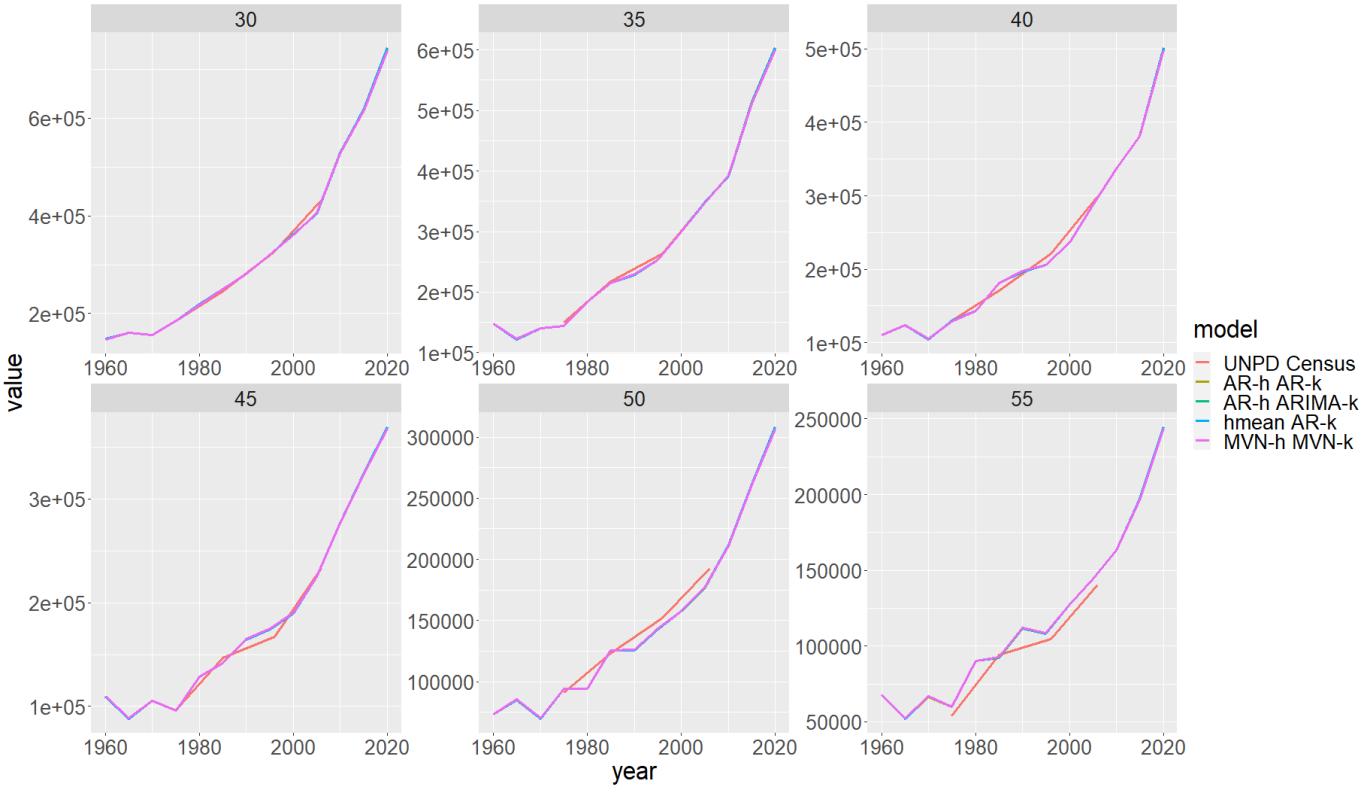

Figure 9: Estimated population counts at different ages

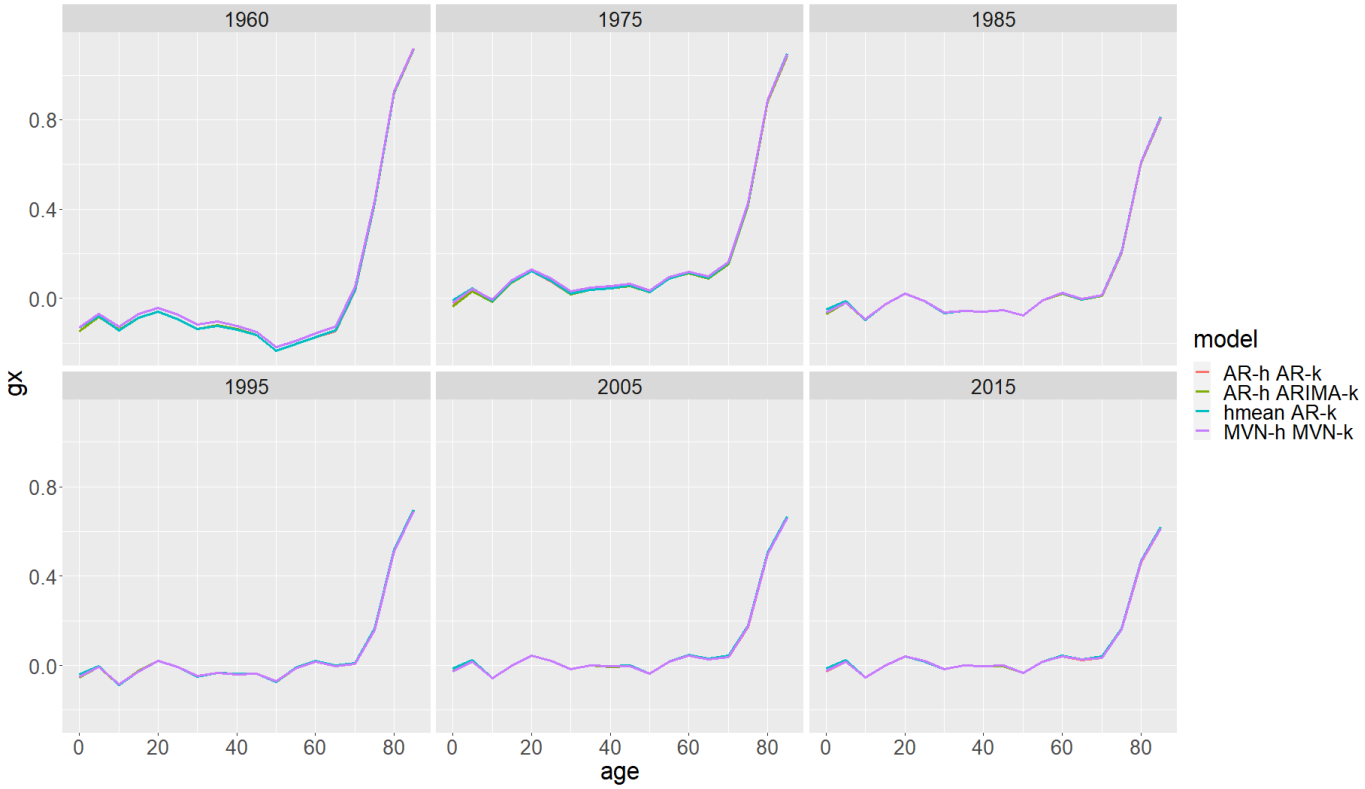

Figure 10: Estimated migration proportions

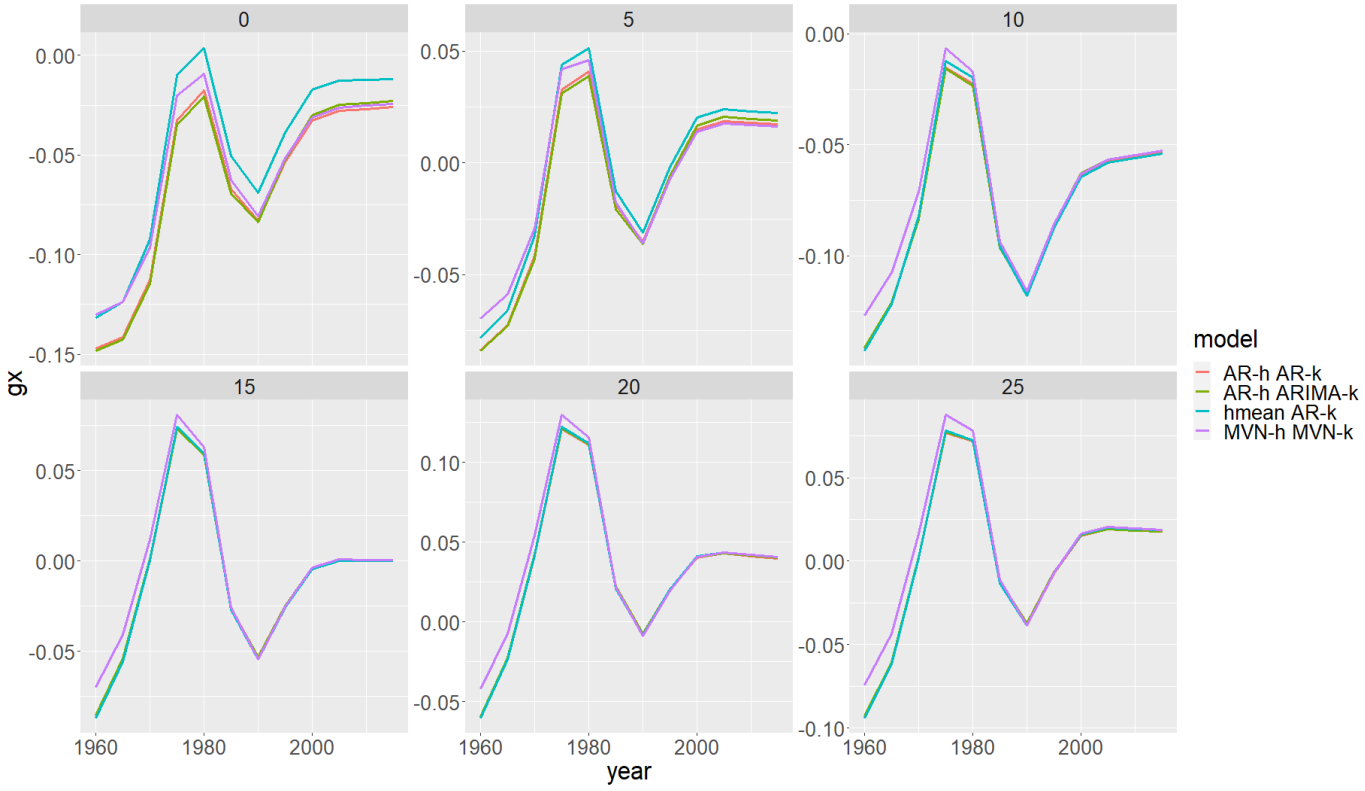

Figure 11: Estimated migration proportions

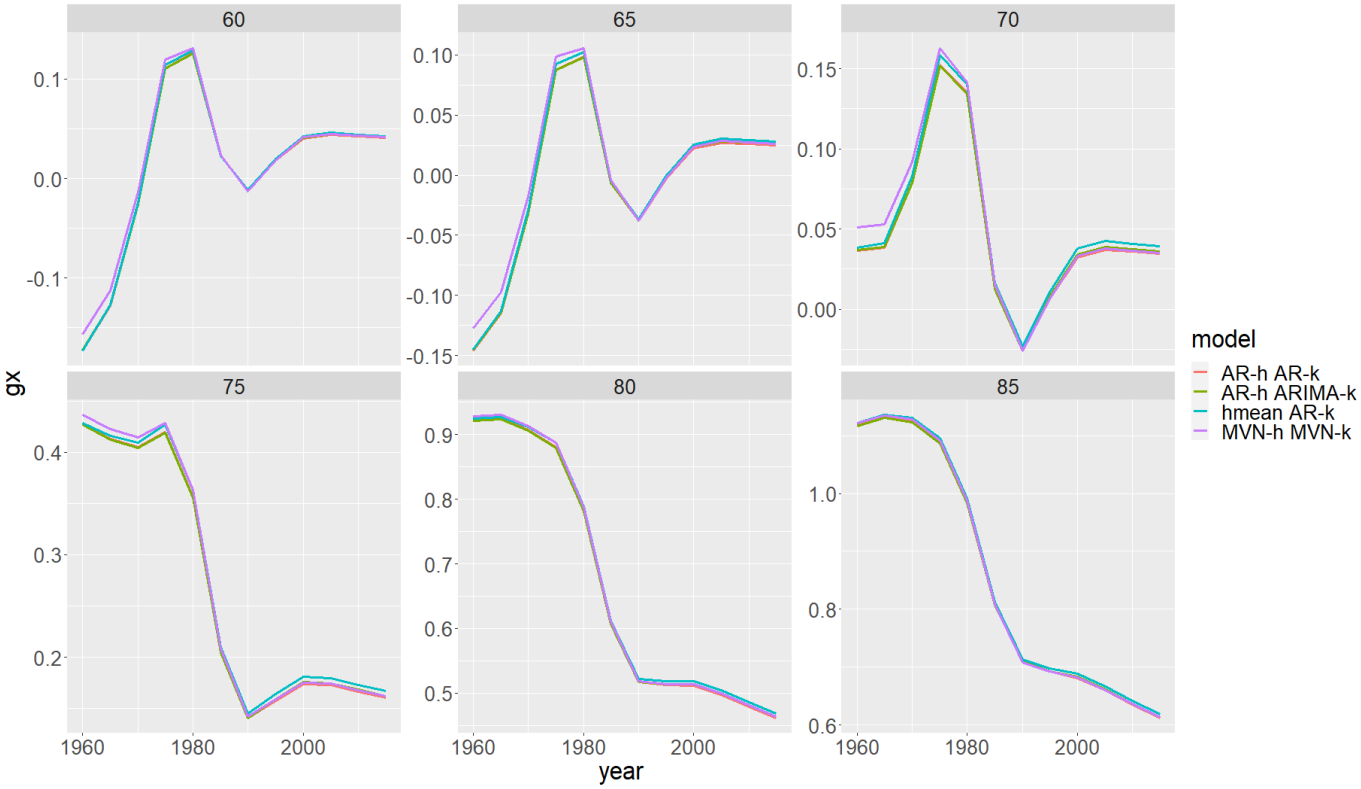

Figure 12: Estimated migration proportions

Figure 13: Estimated fertility

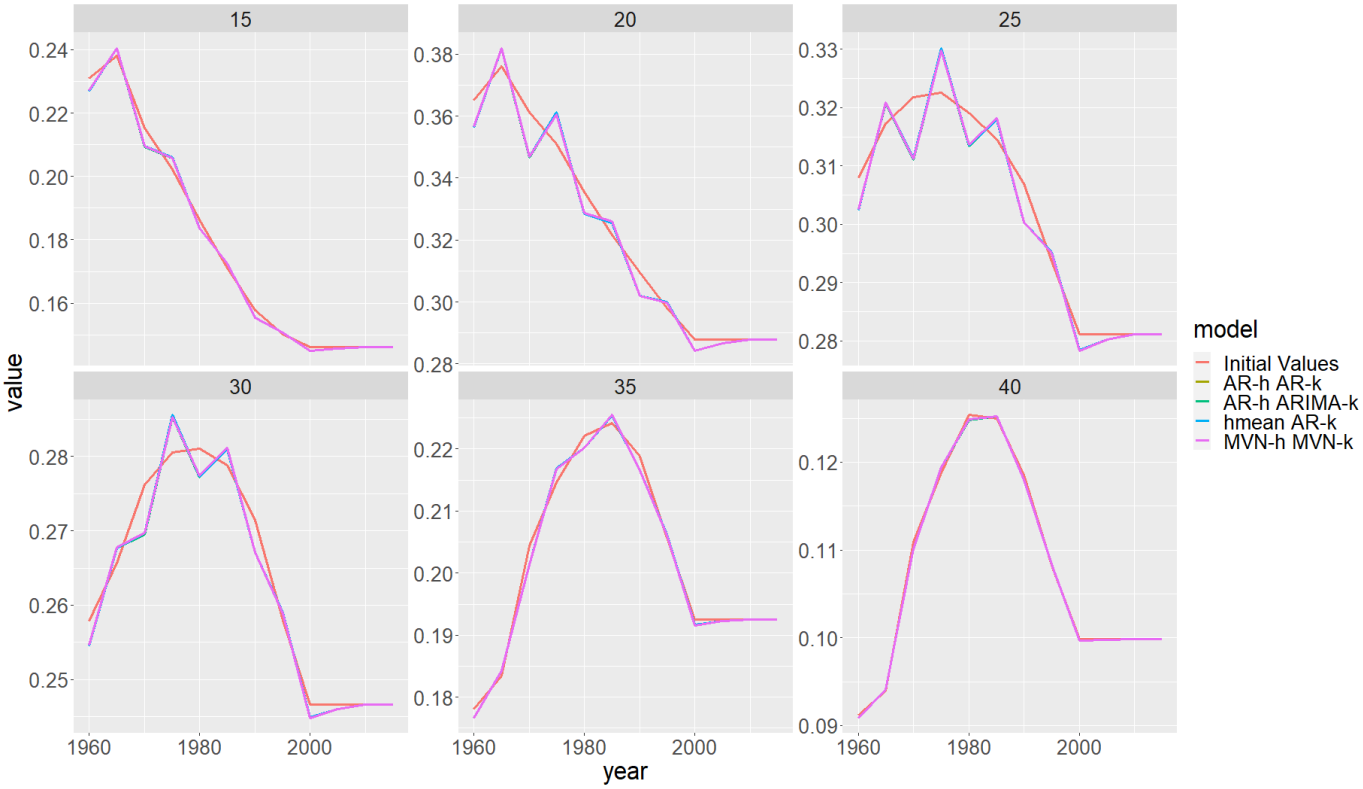

Figure 14: Estimated fertility