LogQuad

```
##    user  system elapsed
##    3.67    0.08    3.77
```

```
## [1] "relative convergence (4)"
```

Thiele

```
##    user  system elapsed
##   20.65    0.41   21.05
```

```
## [1] "relative convergence (4)"
```

Thiele MVN

```
##    user  system elapsed
##   13.30    0.25   13.53
```

```
## [1] "relative convergence (4)"
```

Thiele no DHS

```
##    user  system elapsed
##    7.47    0.25    7.75
```

```
## [1] "relative convergence (4)"
```

Thiele fix rho_gt=0

```
##    user  system elapsed
##   21.33    0.25   21.70
```
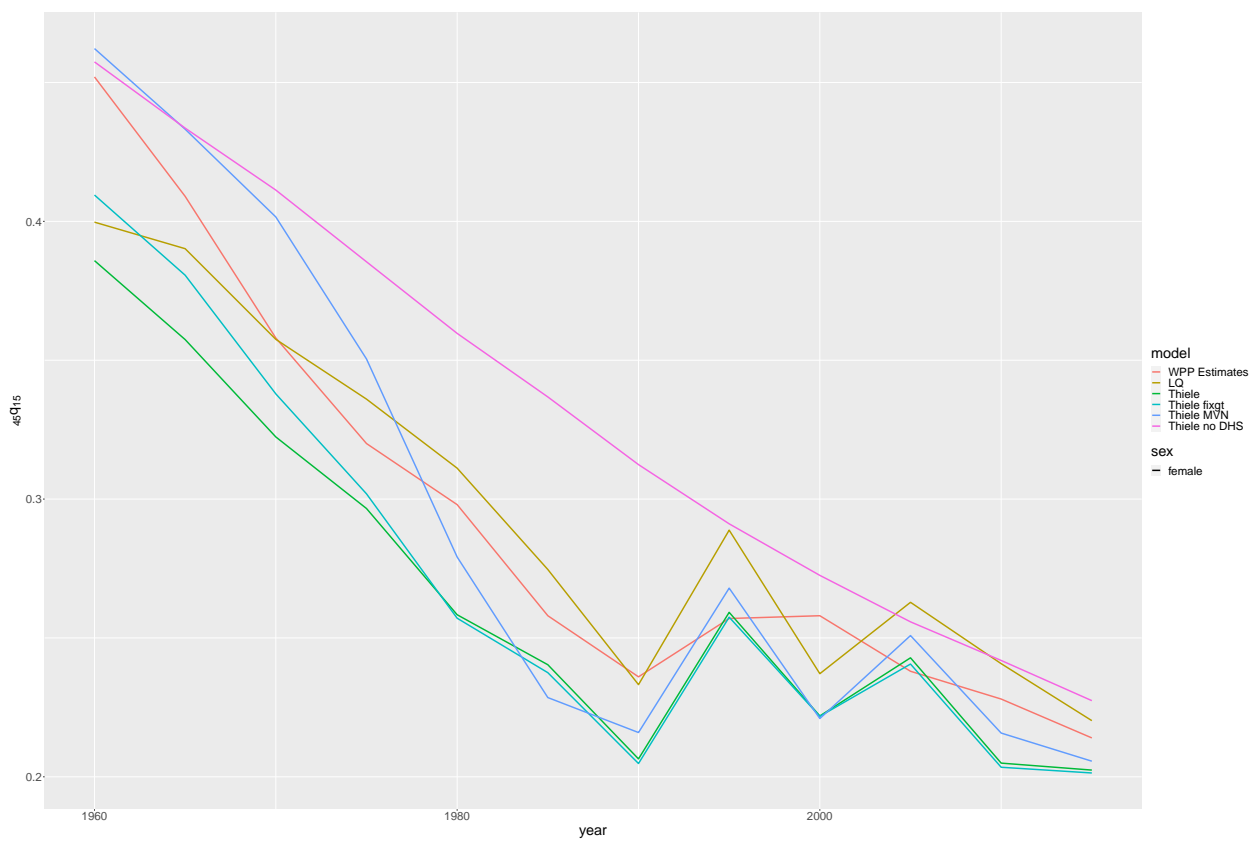
```
## [1] "relative convergence (4)"
```
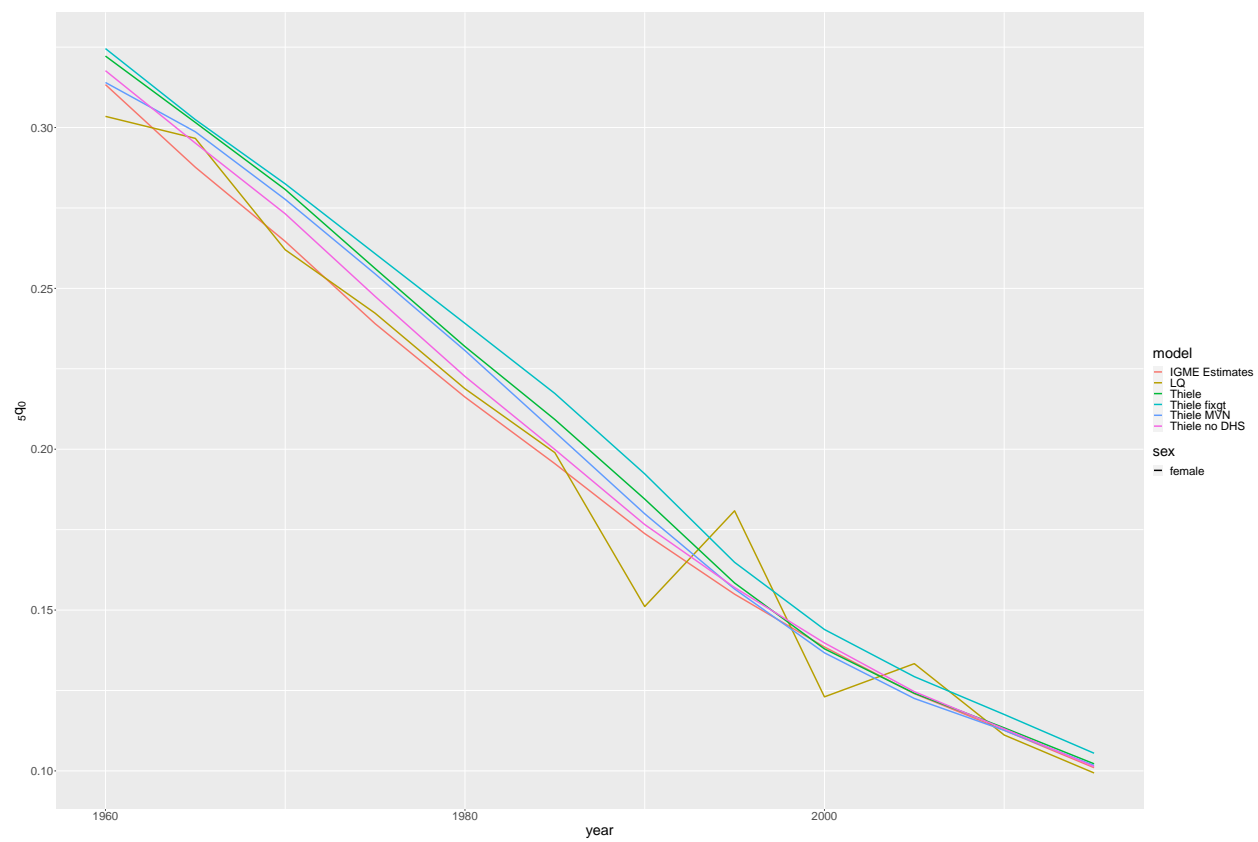
Figure 1: Estimated Adult Mortality

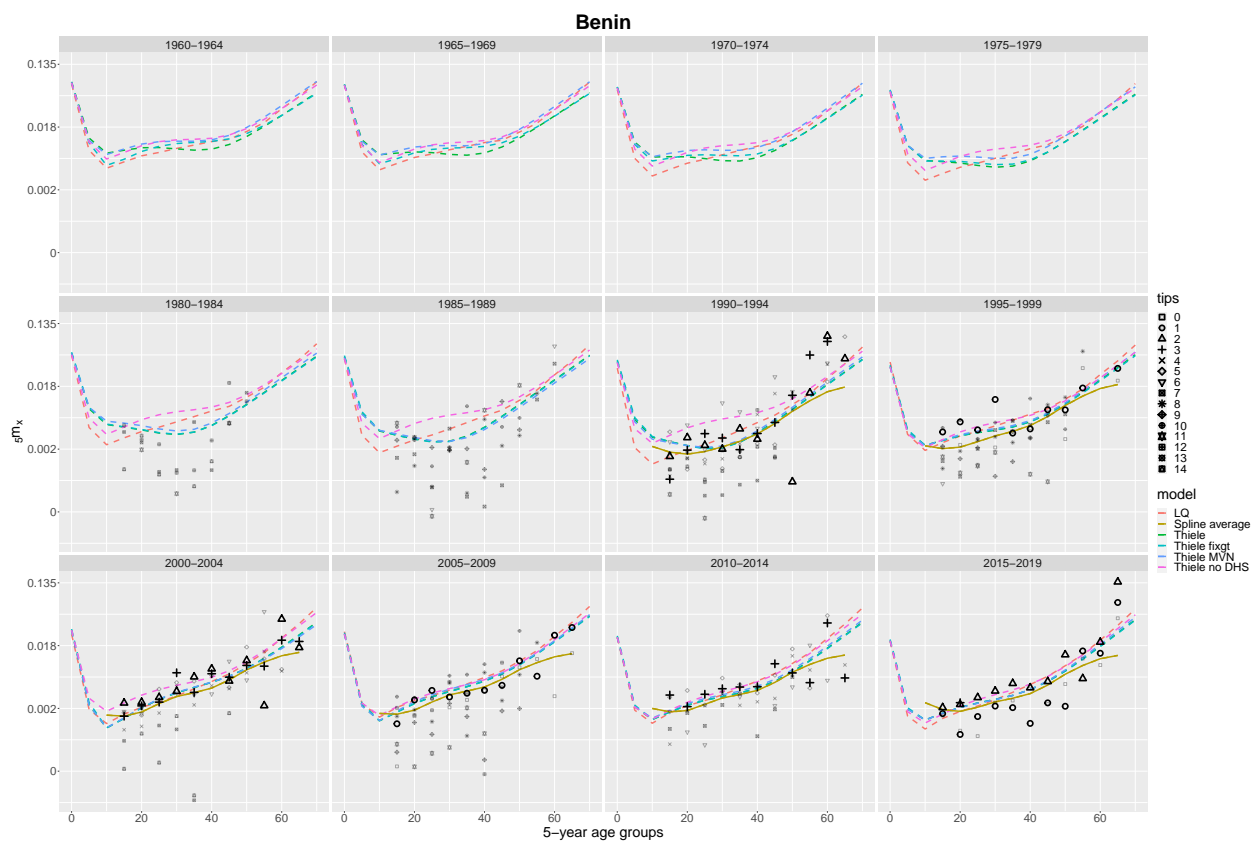Figure 2: Estimated Child Mortality

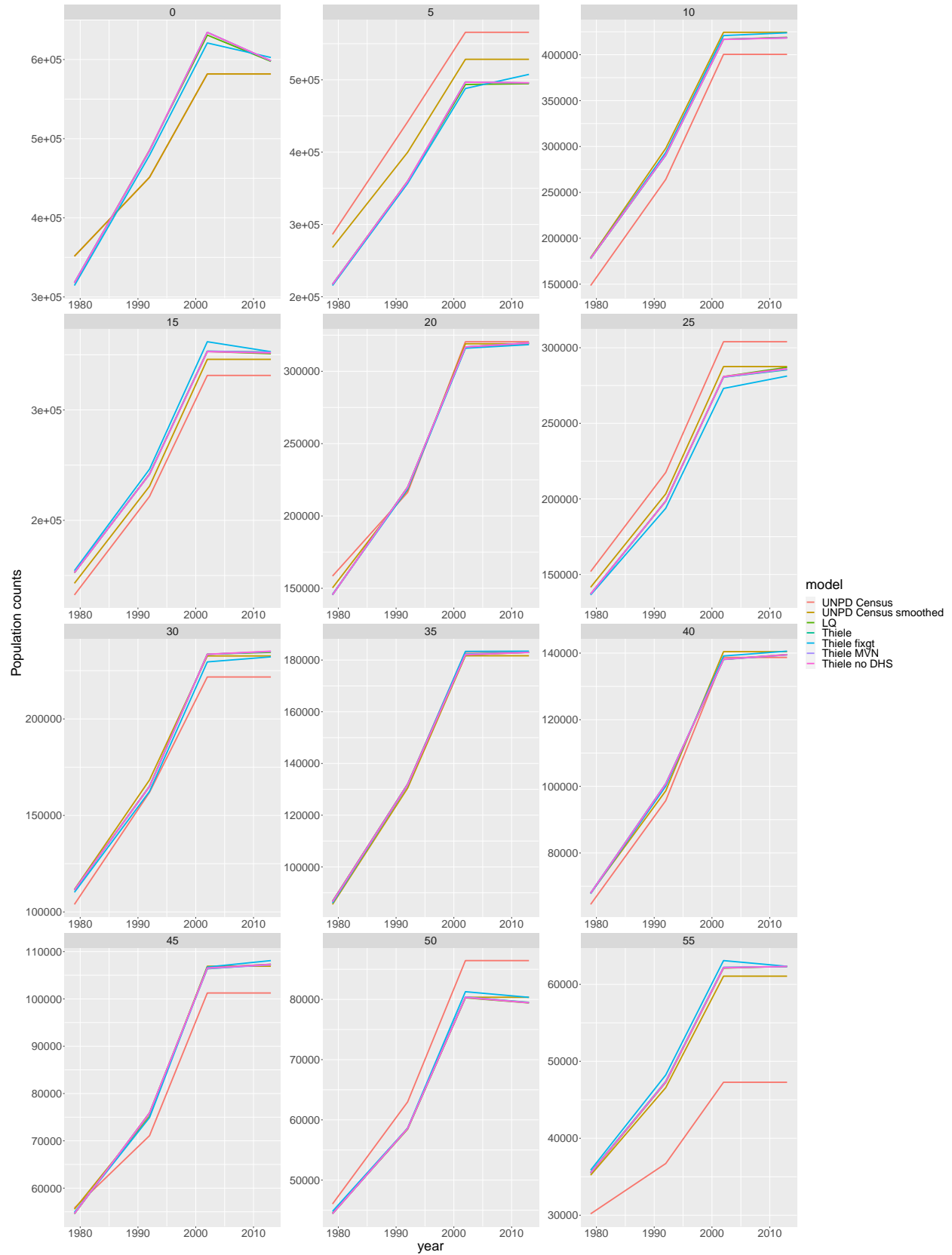Figure 3: Estimated Mortality Schedules
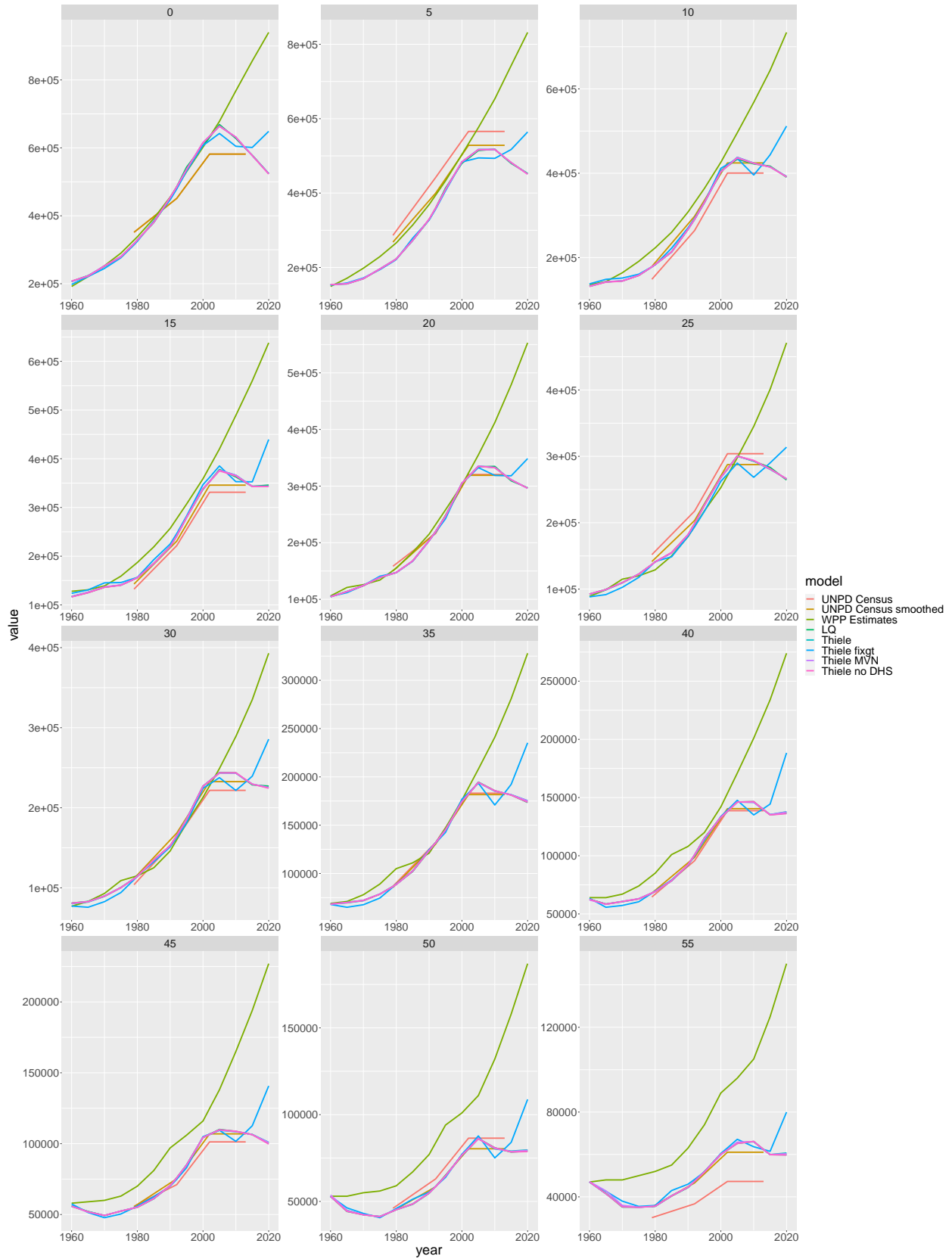
Figure 4: Estimated Population Counts
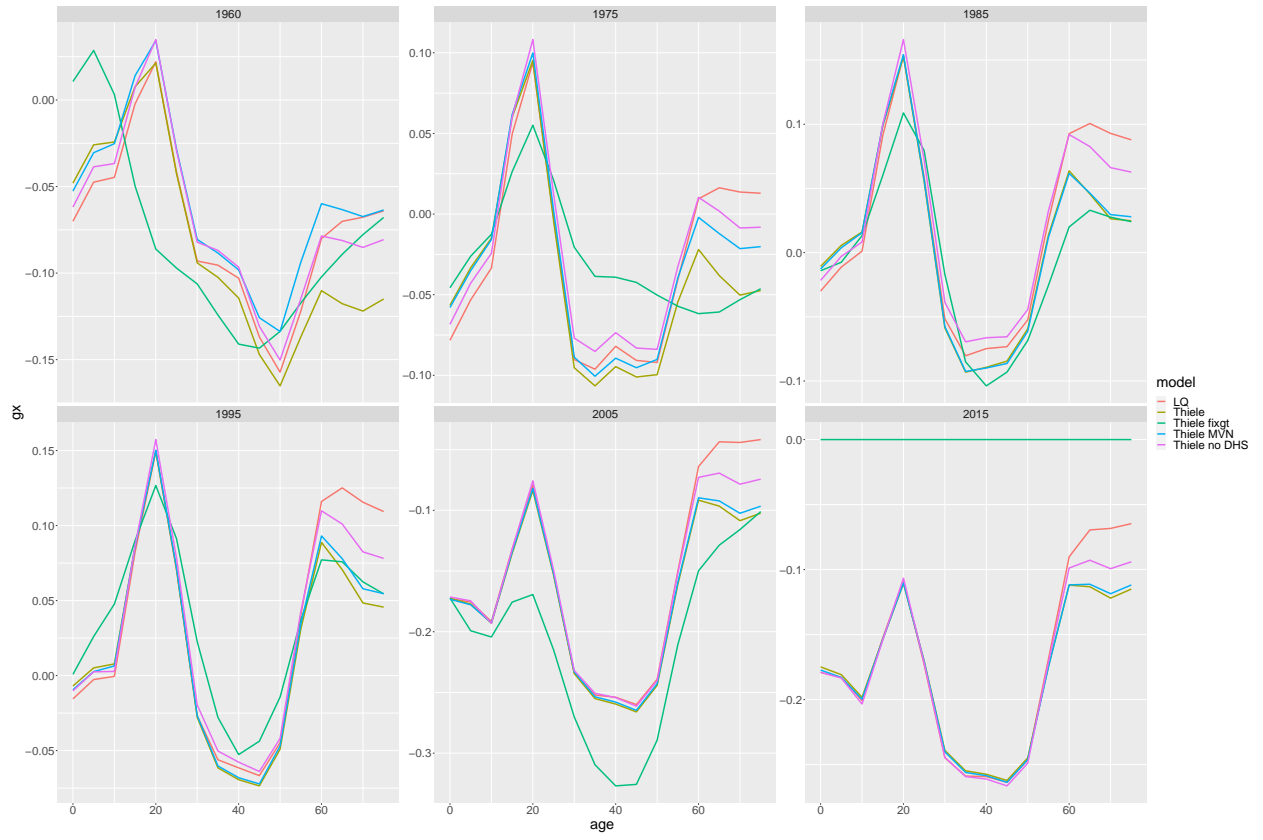
Figure 5: Estimated Population Counts

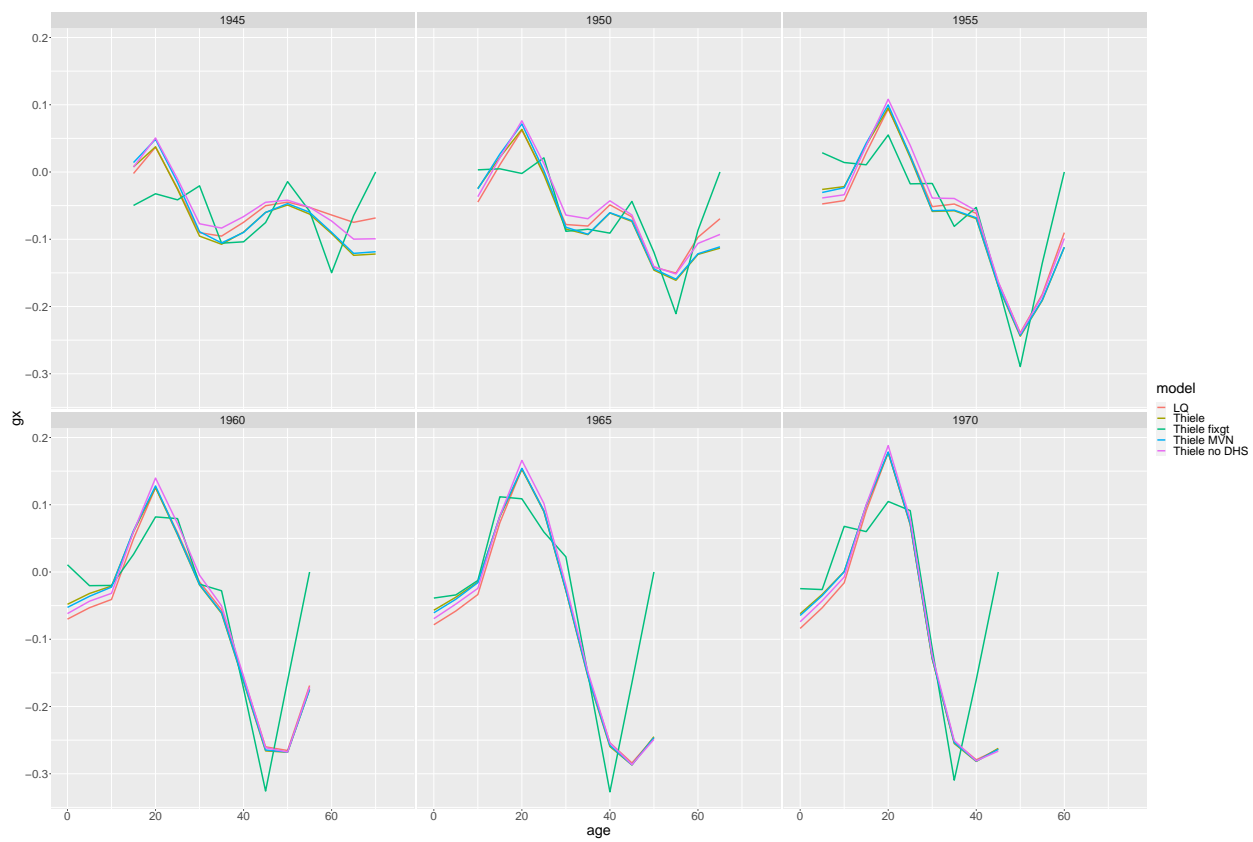Figure 6: Estimated Migration Proportions
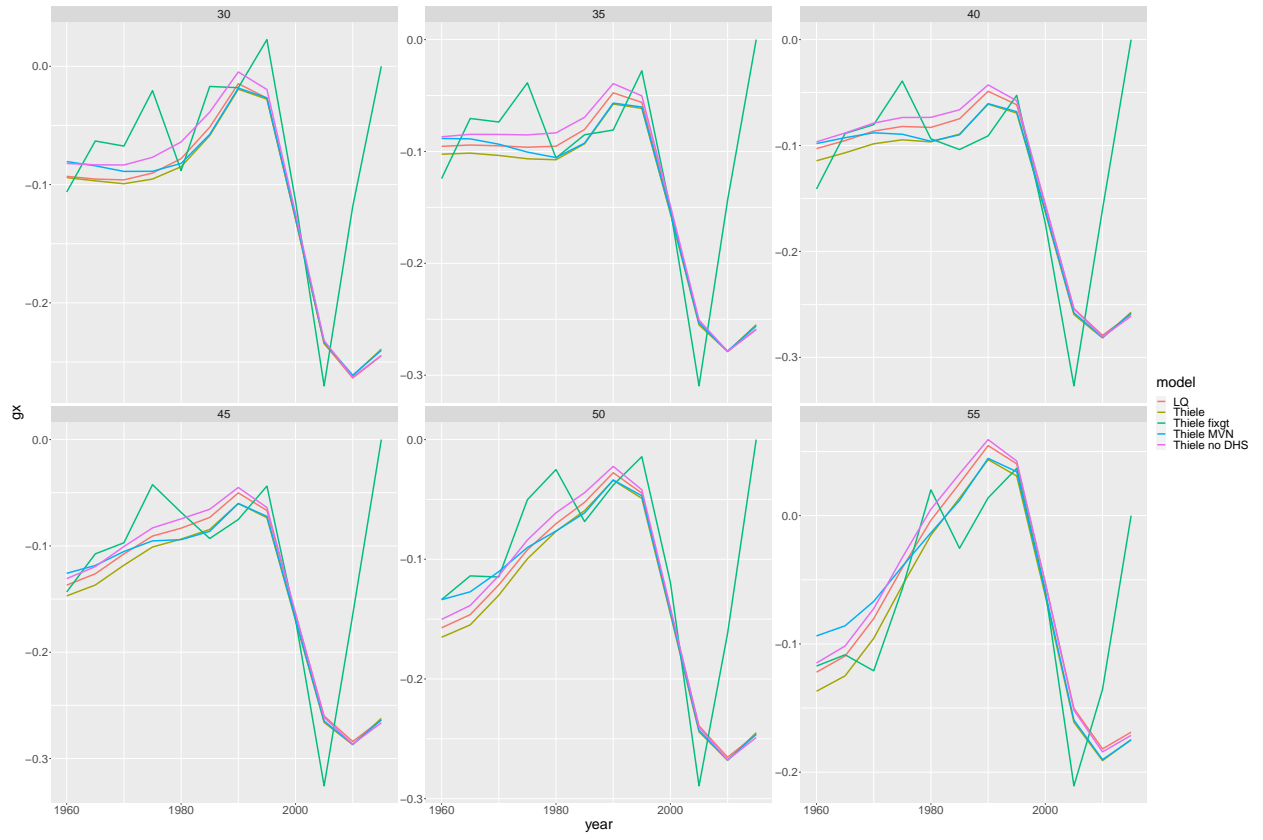
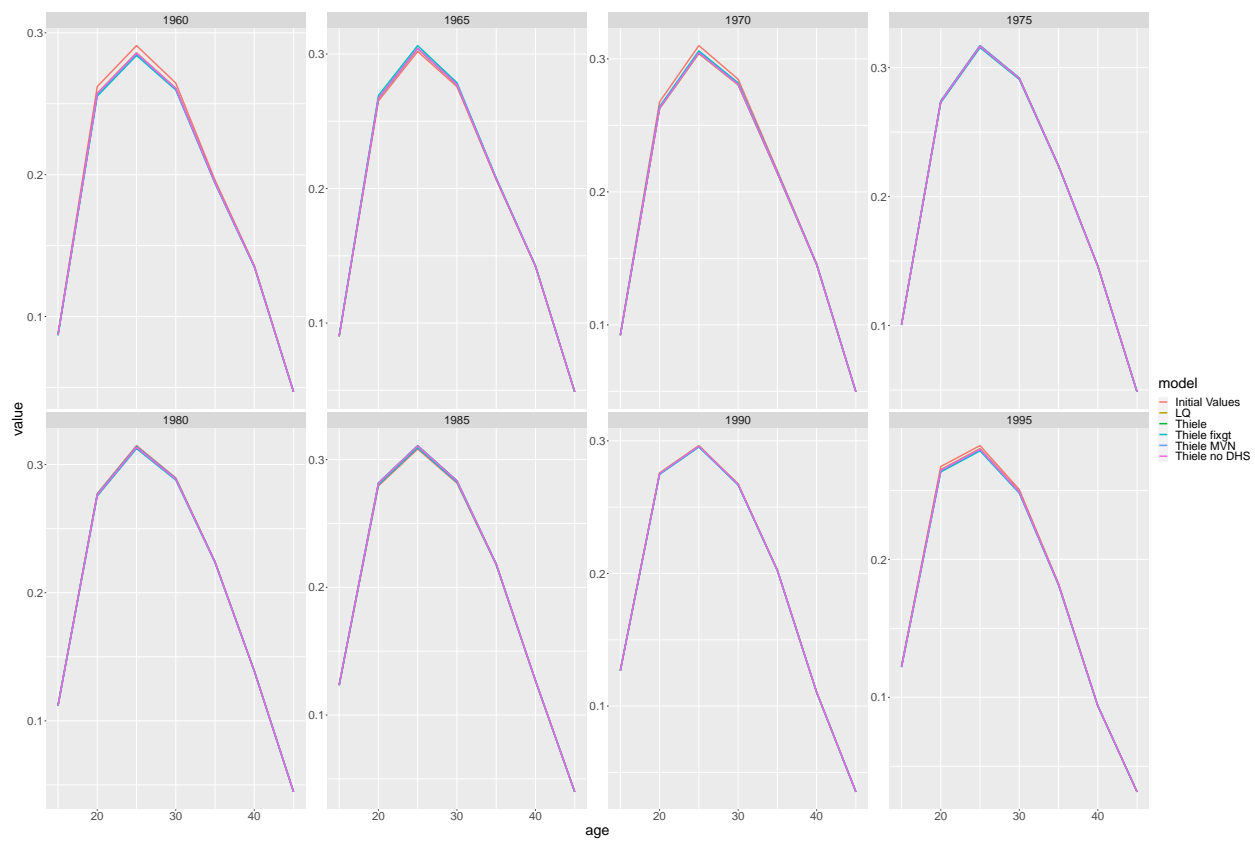Figure 7: Estimated Migration Proportions
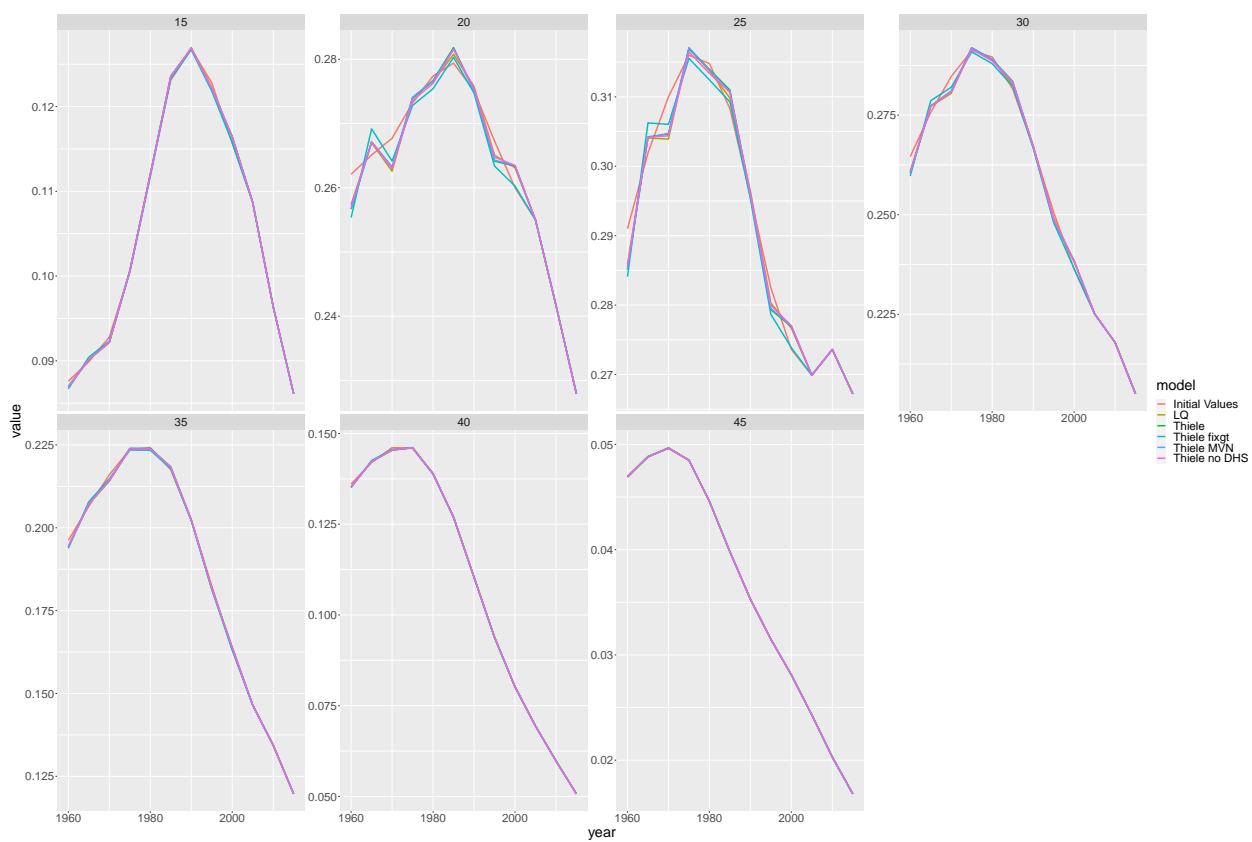
Figure 8: Estimated Migration Proportions

Figure 9: Estimated Fertility

Figure 10: Estimated Fertility