LogQuad

```
##    user  system elapsed
##    5.02    0.15    5.43
```

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

Thiele

```
##    user  system elapsed
##   48.62    1.00   51.45
```

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

Thiele MVN

```
##    user  system elapsed
##   39.43    0.59   40.42
```

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

Thiele no DHS

```
##    user  system elapsed
##   16.04    0.33   16.36
```

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

Thiele fix rho_gt=0

```
##    user  system elapsed
##   42.35    0.72   43.50
```
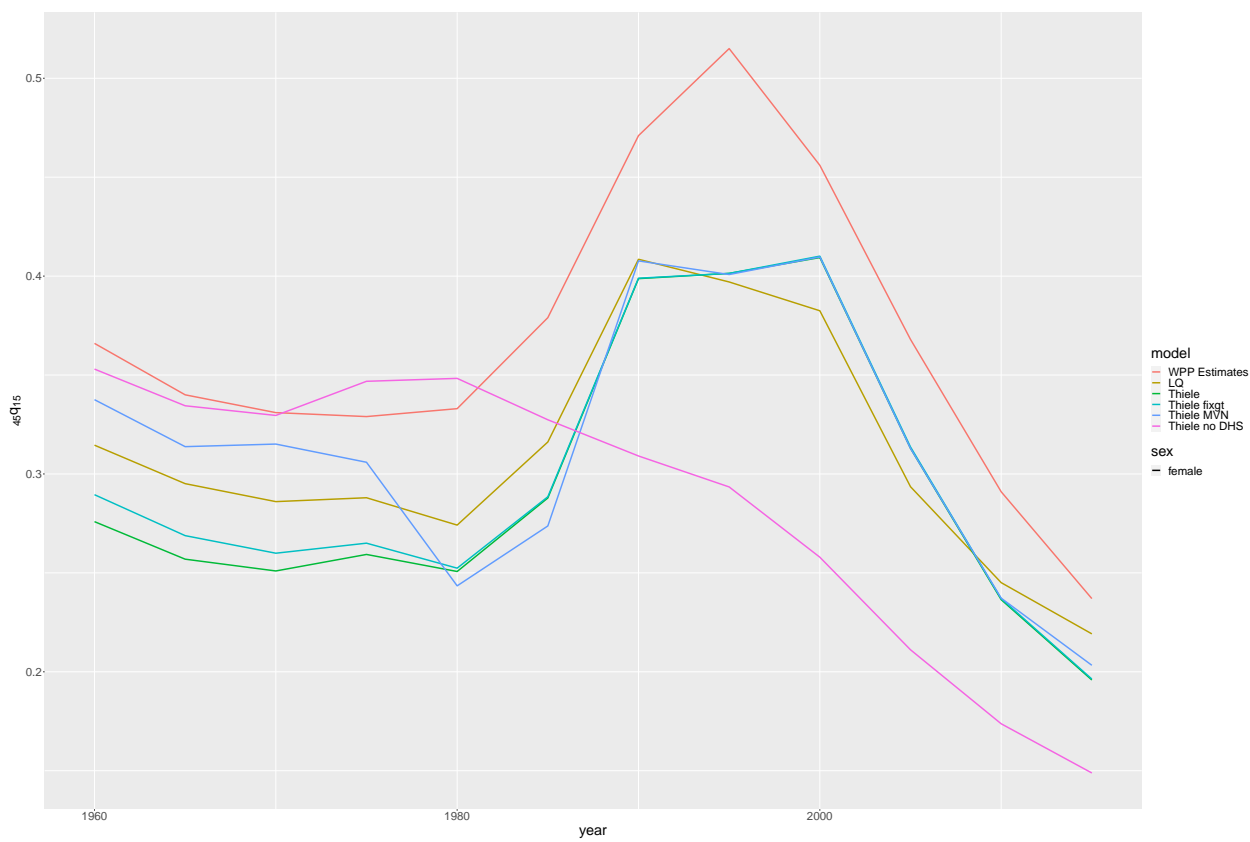
```
## [1] "relative convergence (4)"
```
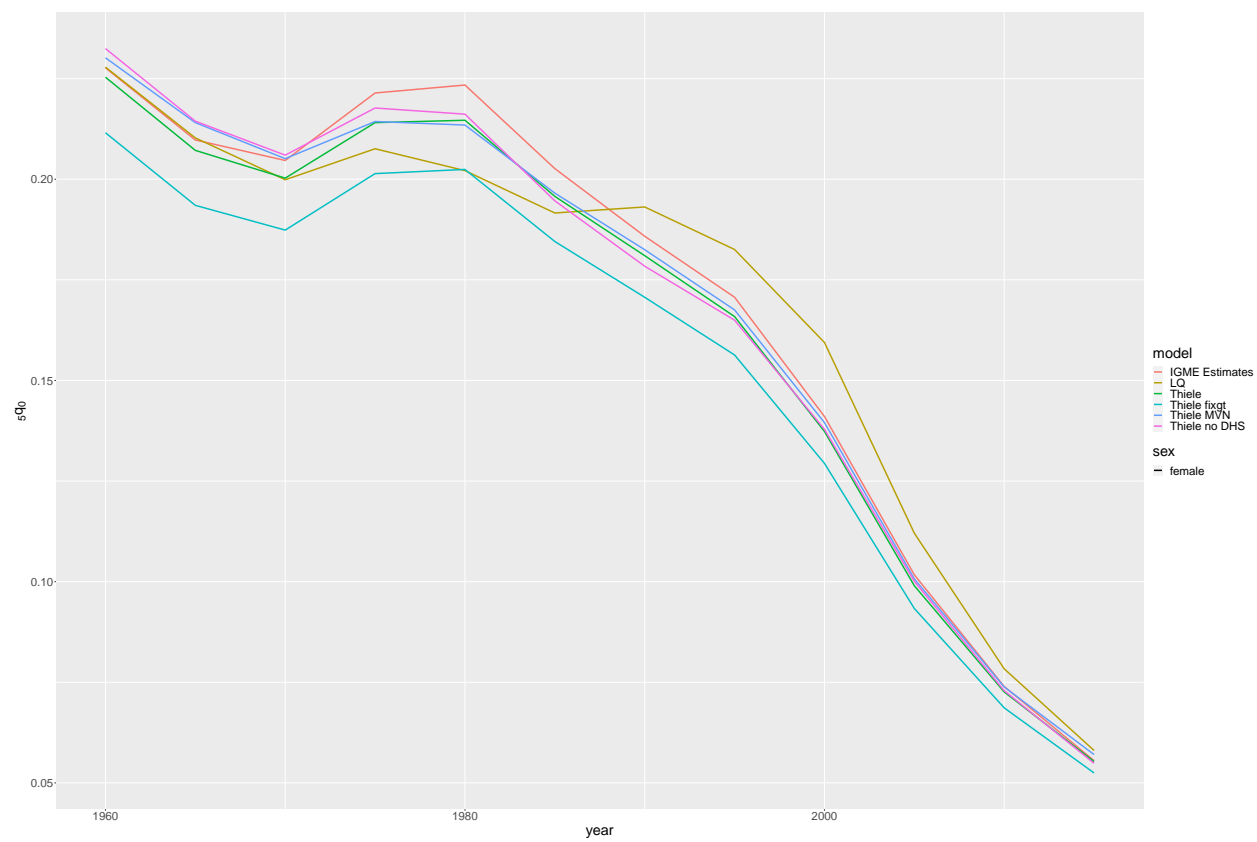
Figure 1: Estimated Adult Mortality

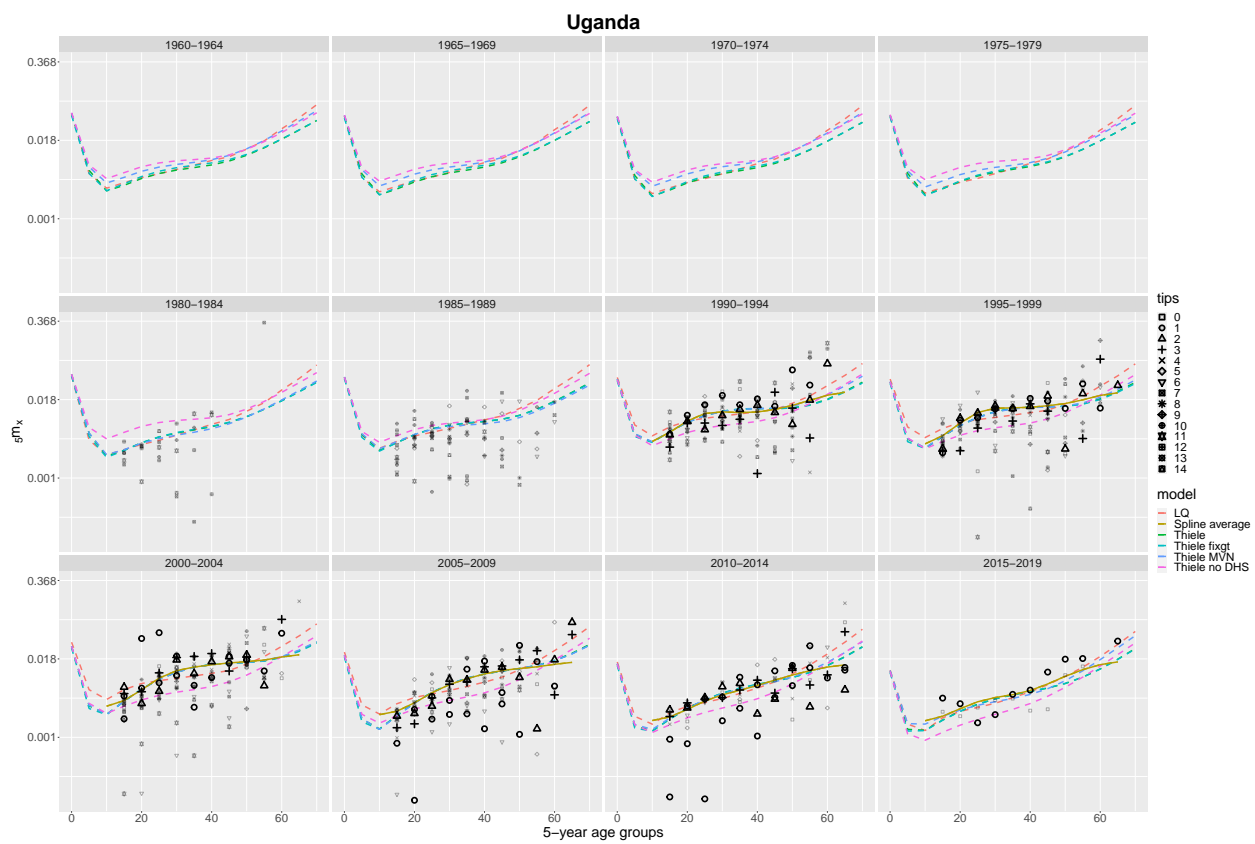Figure 2: Estimated Child Mortality

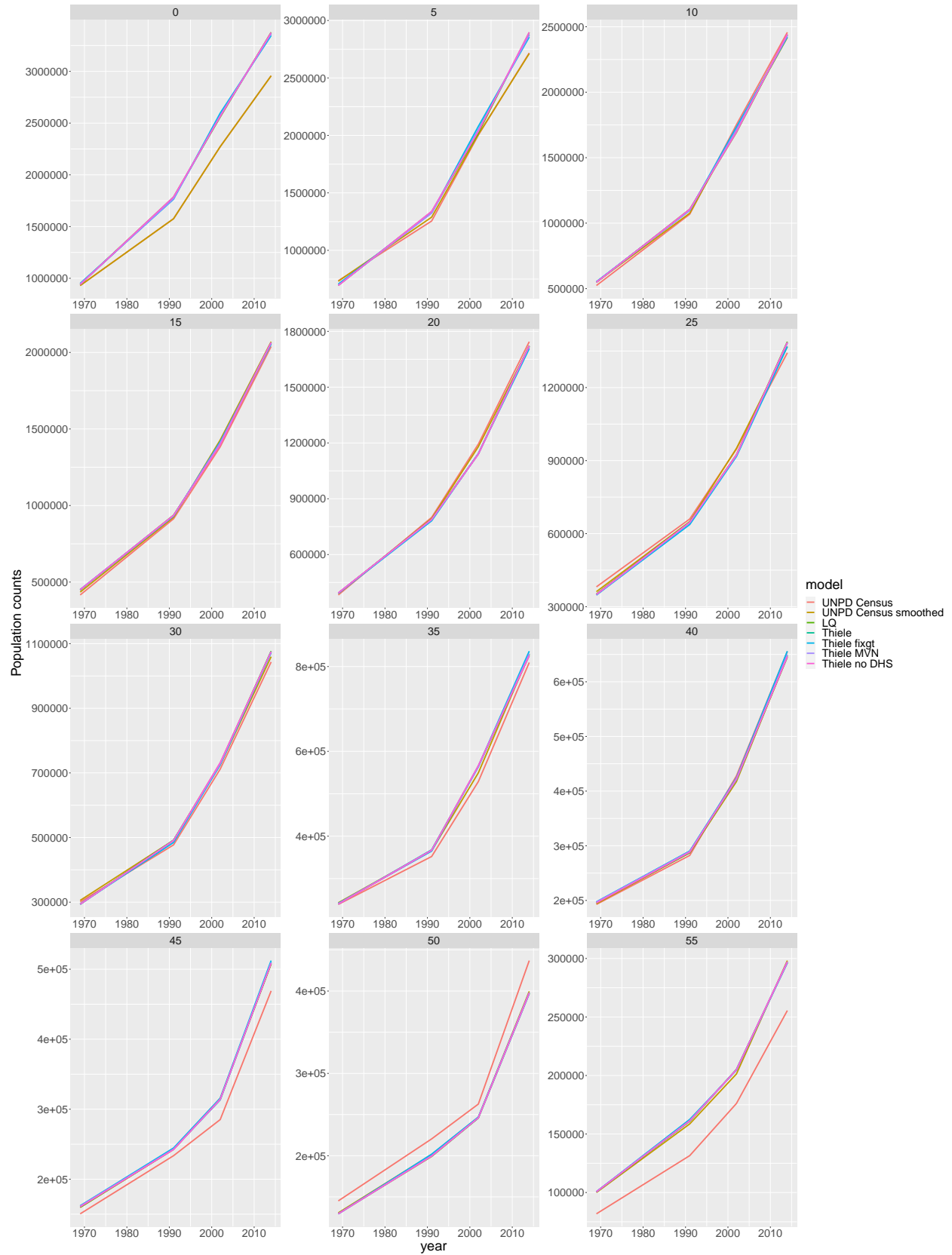Figure 3: Estimated Mortality Schedules
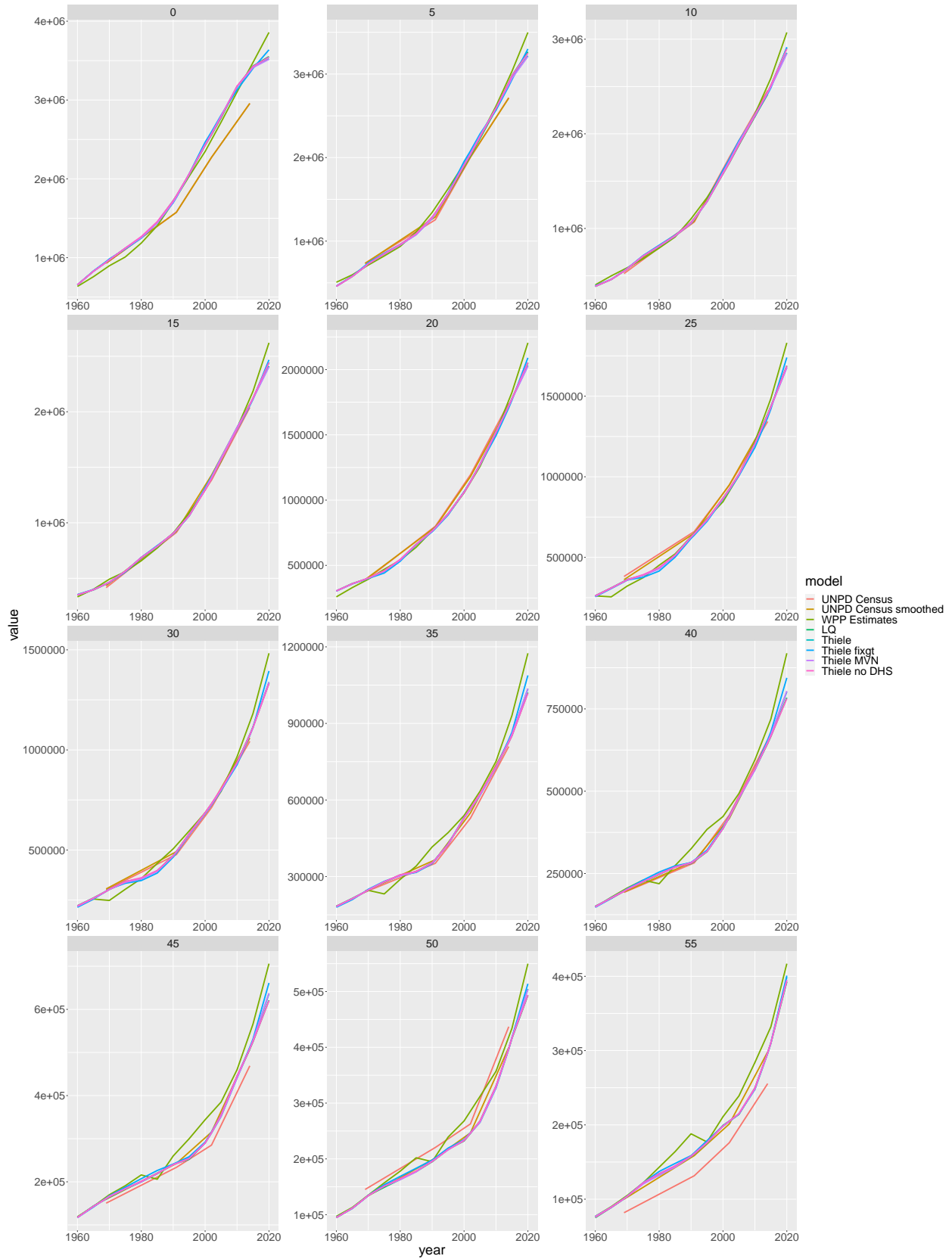
Figure 4: Estimated Population Counts
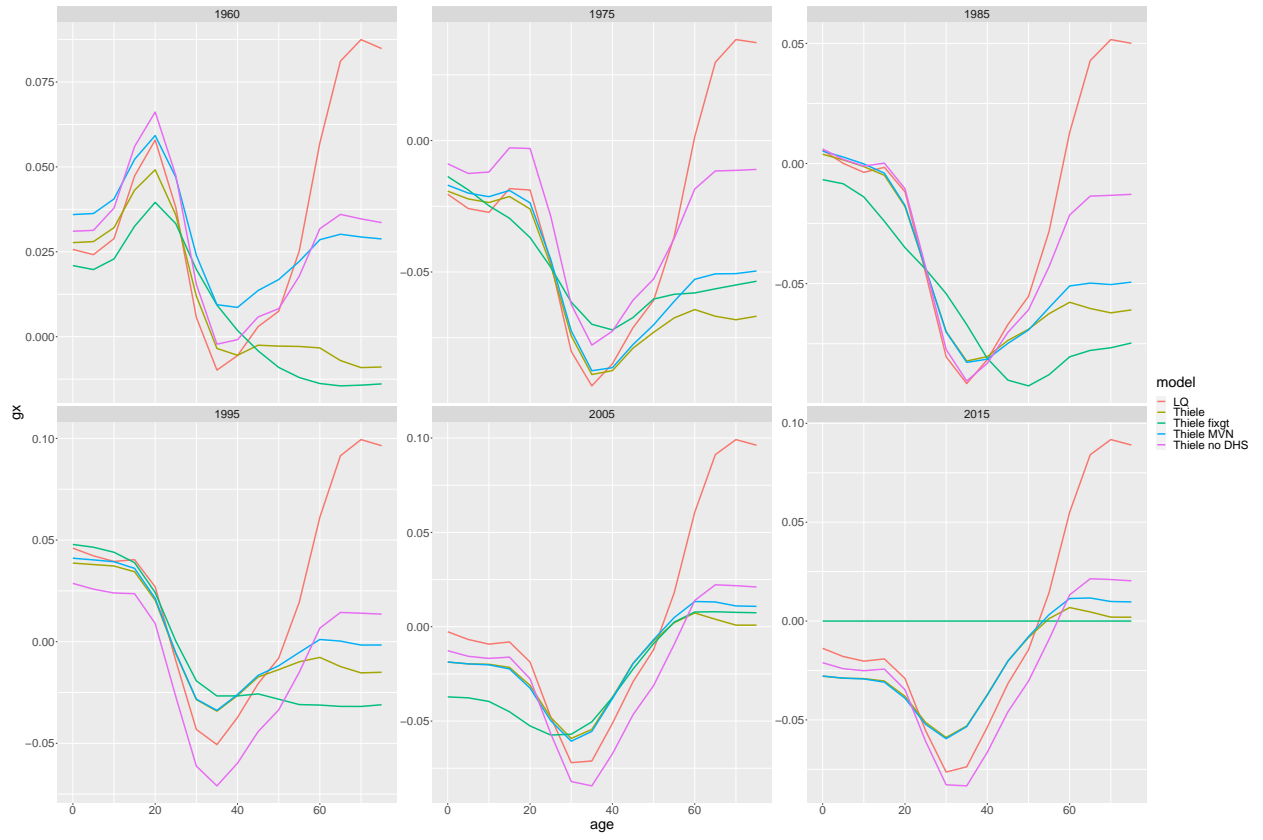
Figure 5: Estimated Population Counts

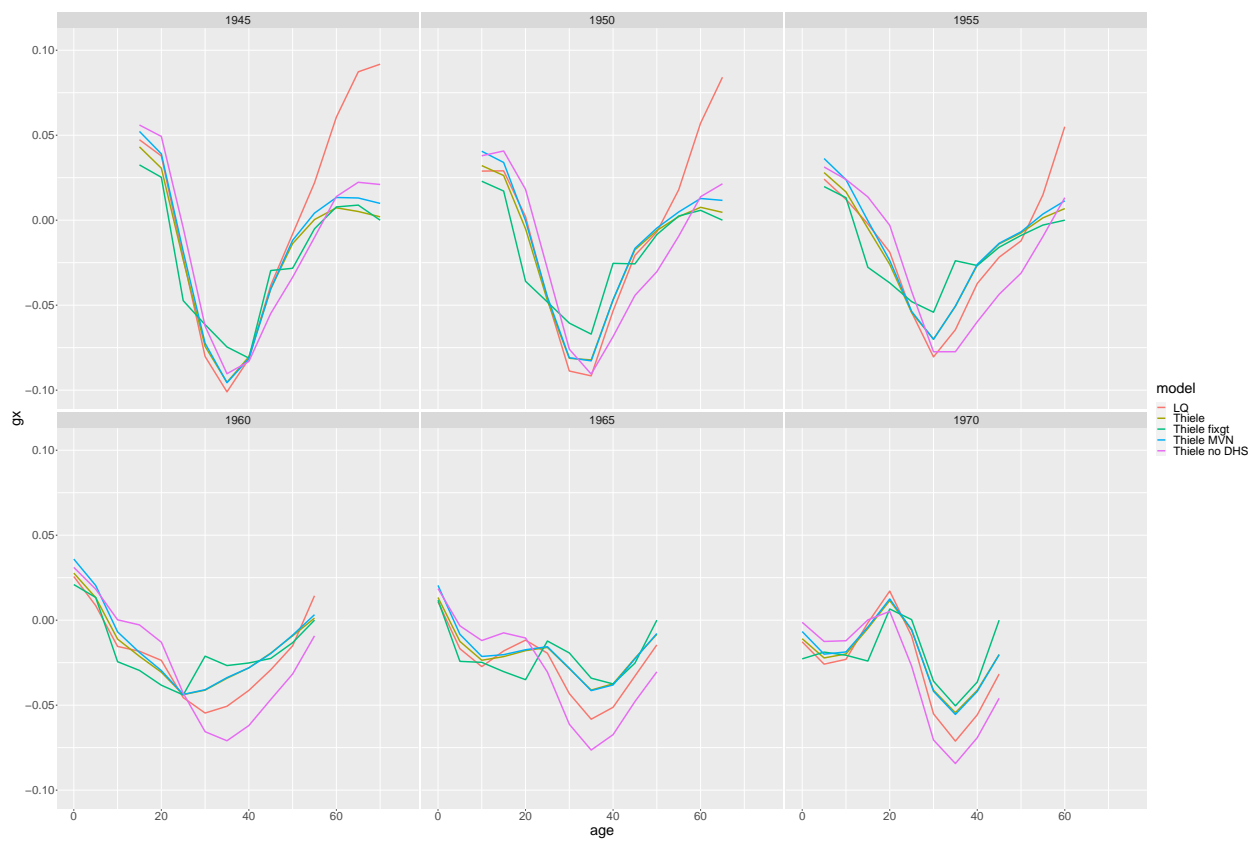Figure 6: Estimated Migration Proportions
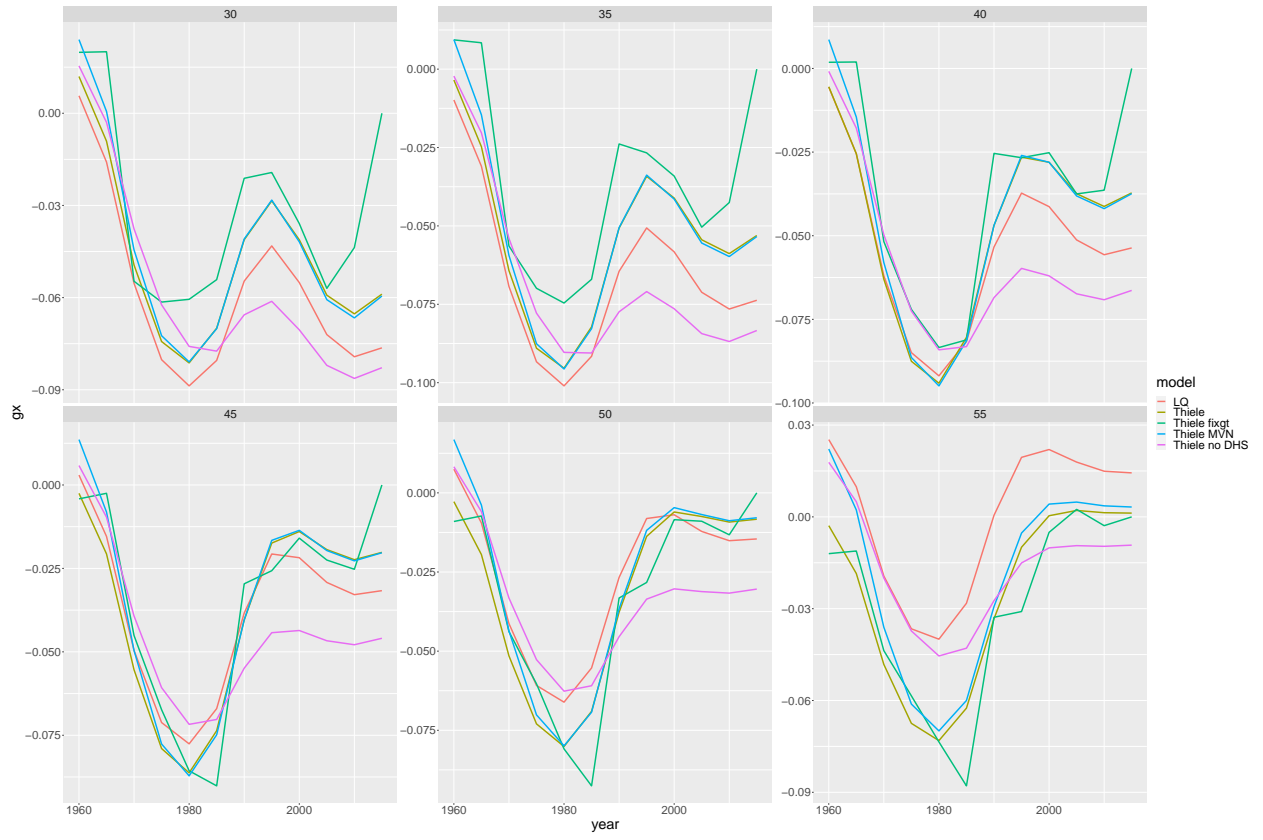
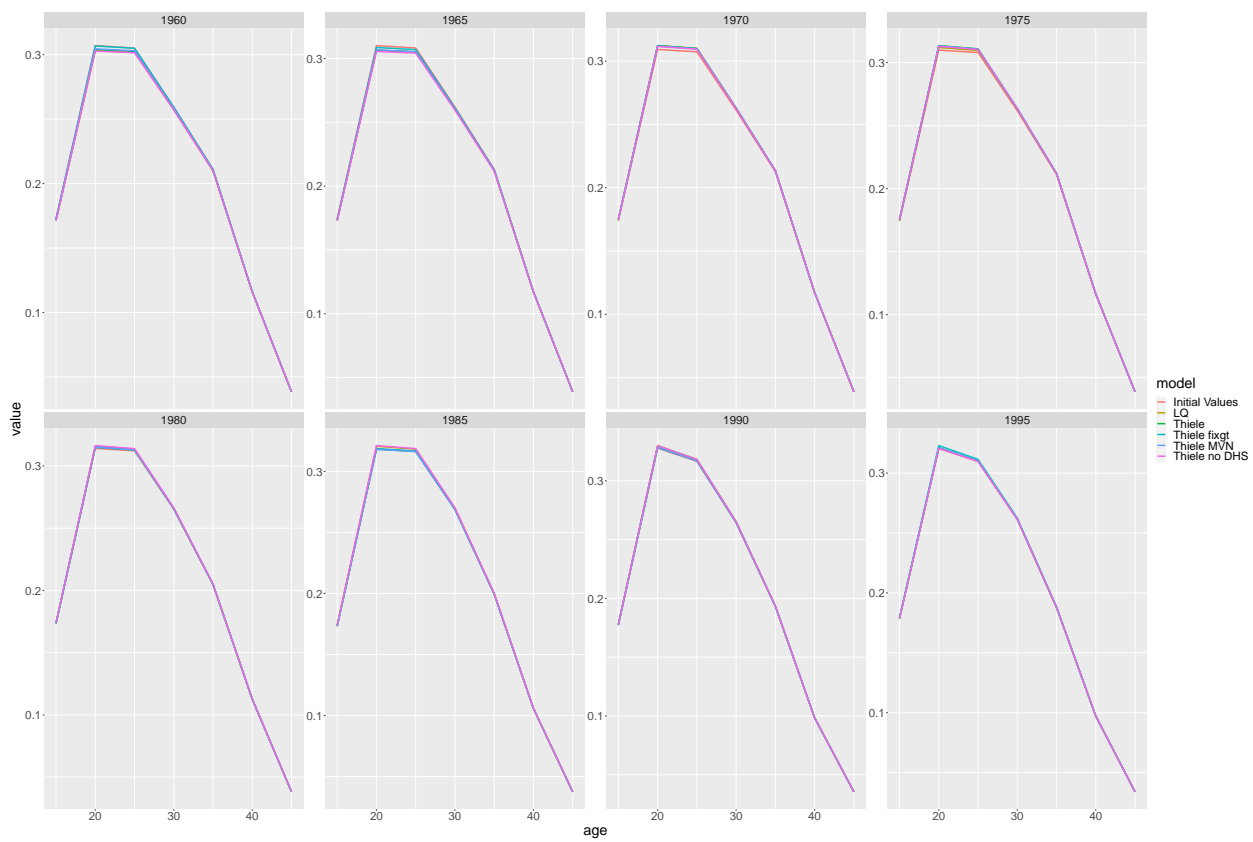Figure 7: Estimated Migration Proportions
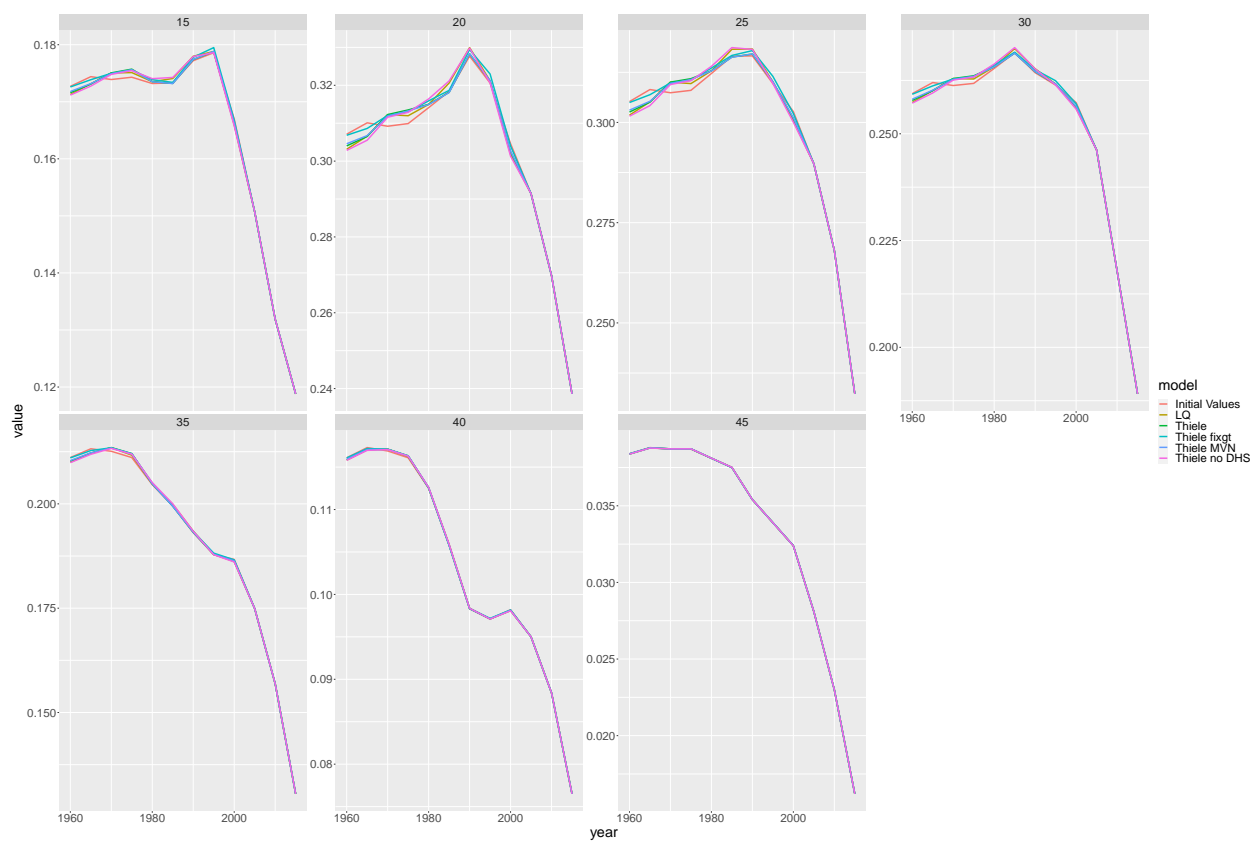
Figure 8: Estimated Migration Proportions

Figure 9: Estimated Fertility

Figure 10: Estimated Fertility