Cameroon

```
## [1] "Census Females"
```

```
## # A tibble: 18 x 3
##    aggr.age  `1976`   `2005`
##  *    <dbl>   <dbl>    <dbl>
##  1        0 605118. 1459701
##  2        5 512635. 1245427.
##  3       10 411125. 1083712.
##  4       15 345677.  980507.
##  5       20 305370.  871761.
##  6       25 269228.  725047.
##  7       30 240773.  570272.
##  8       35 215240.  447998
##  9       40 183224.  362542.
## 10       45 149331.  293035.
## 11       50 118695.  225194.
## 12       55  92248.  167459.
## 13       60  69672.  135550
## 14       65  48846.  112398.
## 15       70  34361.   83816
## 16       75  23450.   55071.
## 17       80  15762.   32990.
## 18       85  16650.   34412.
```

```
## [1] "Census Males"
```

```
## # A tibble: 18 x 3
##    aggr.age  `1976`   `2005`
##  *    <dbl>   <dbl>    <dbl>
##  1        0 611324. 1492147
##  2        5 530589. 1285387.
##  3       10 431534. 1112479.
##  4       15 336850.  950731
##  5       20 266002.  784565
##  6       25 221801.  643247.
##  7       30 198387.  526814.
##  8       35 184225.  425732.
##  9       40 165759.  350254.
## 10       45 142701.  291147
## 11       50 117673.  230421.
## 12       55  93580.  174257
## 13       60  71082.  135184.
## 14       65  48797.  105059.
## 15       70  32937.   75878
## 16       75  22064.   48616.
## 17       80  14288.   27711.
## 18       85  17413.   26538.
```

Thiele log-Normal Hump RW

```
##    user  system elapsed
##   21.71    0.45   22.17
```

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

Thiele log-Normal Hump RW (Pop 5-9 to 70-74, DHS 15-19 to 45-49)

```
##    user  system elapsed
##   19.16    0.43   19.58
```

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

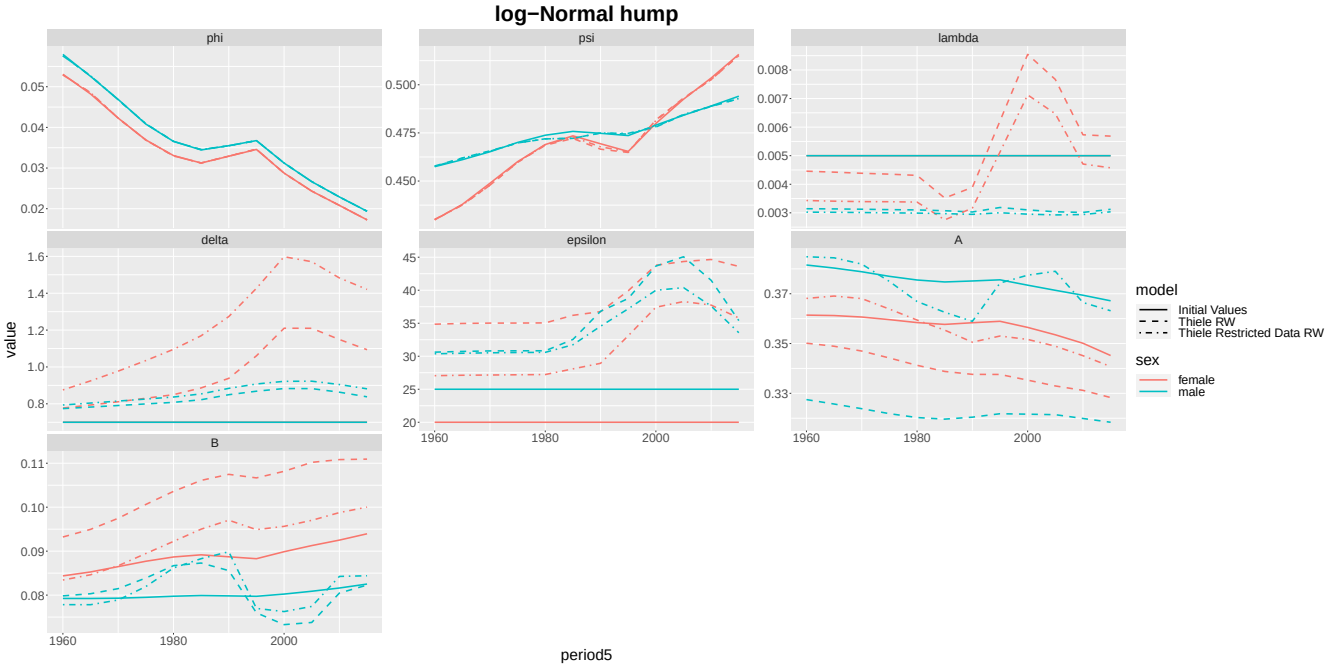

Figure 1: Estimated parameters

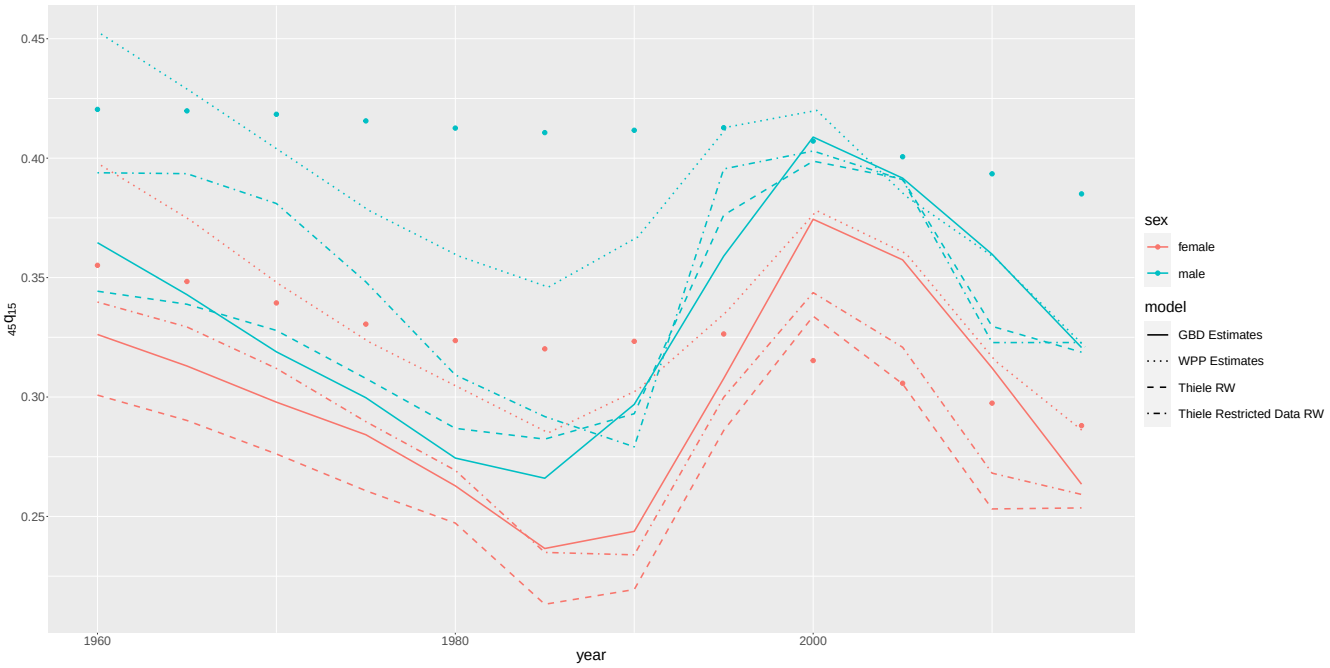

Figure 2: Estimated ${}_{45}q_{15}$

Figure 3: Estimated ${}_{5}q_{0}$

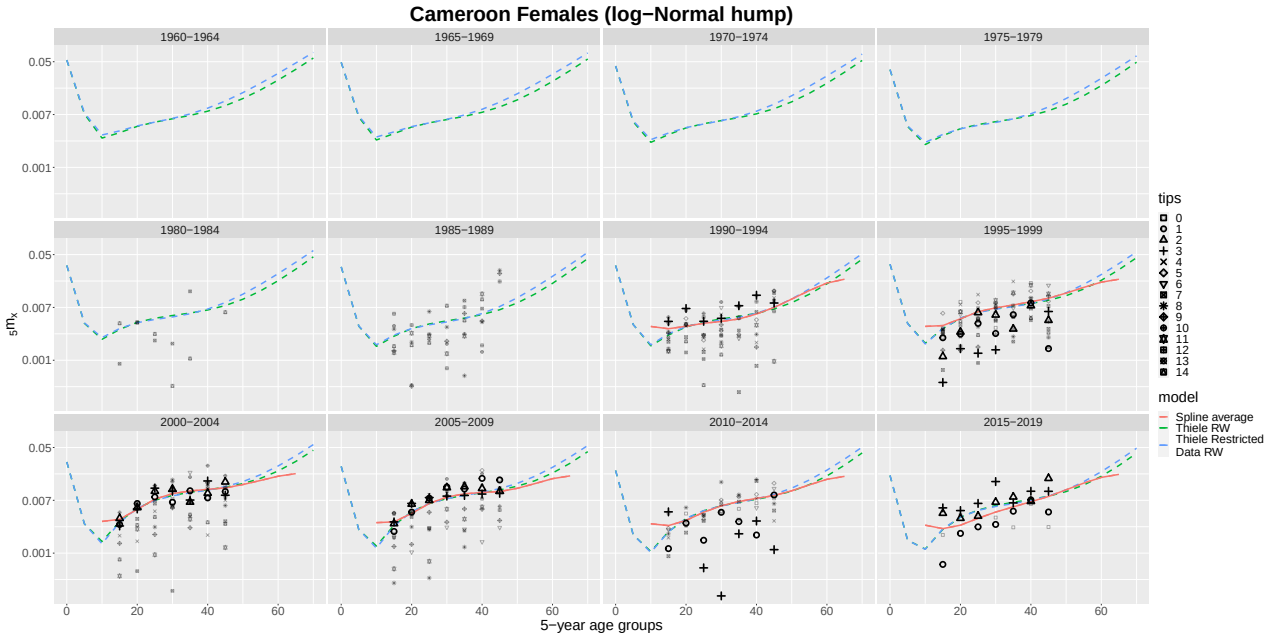

Figure 4: Mortality Schedules

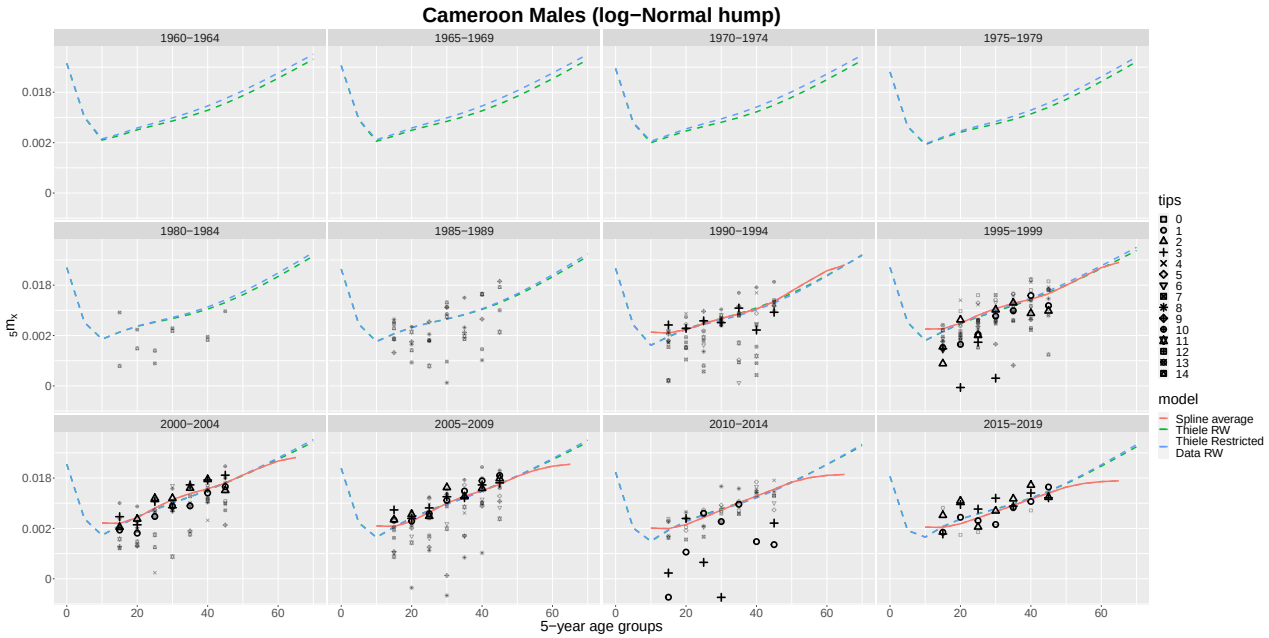

Figure 5: Mortality Schedules

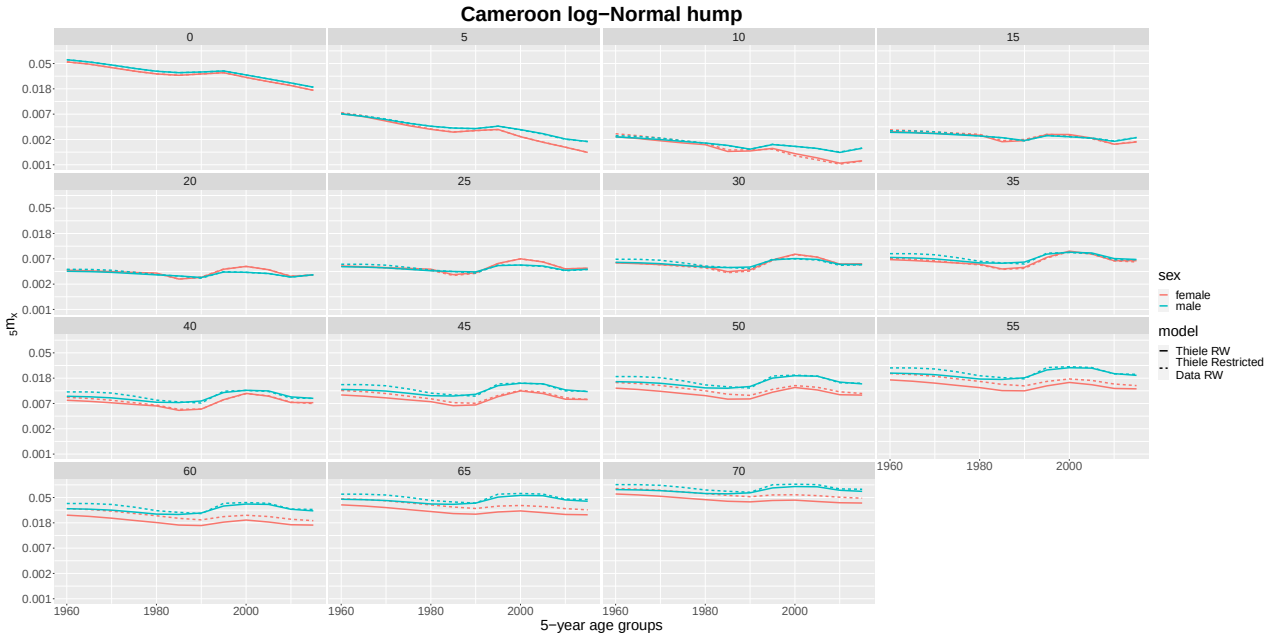

Figure 6: Mortality Schedules

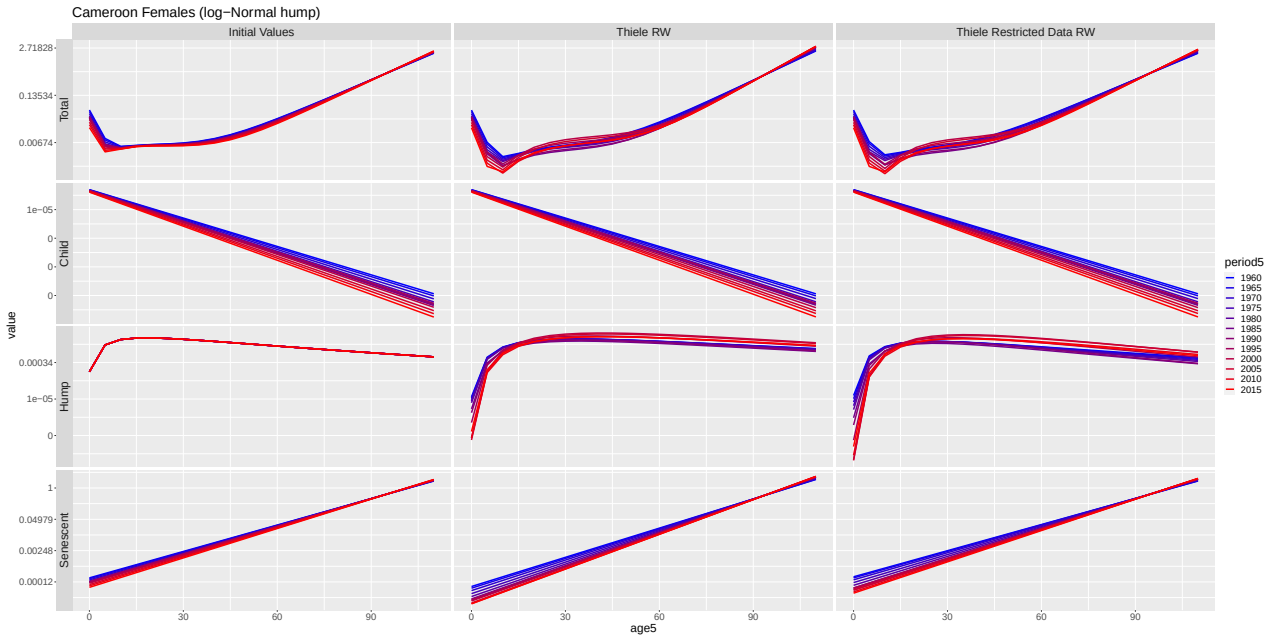

Figure 7: Thiele Decomposed

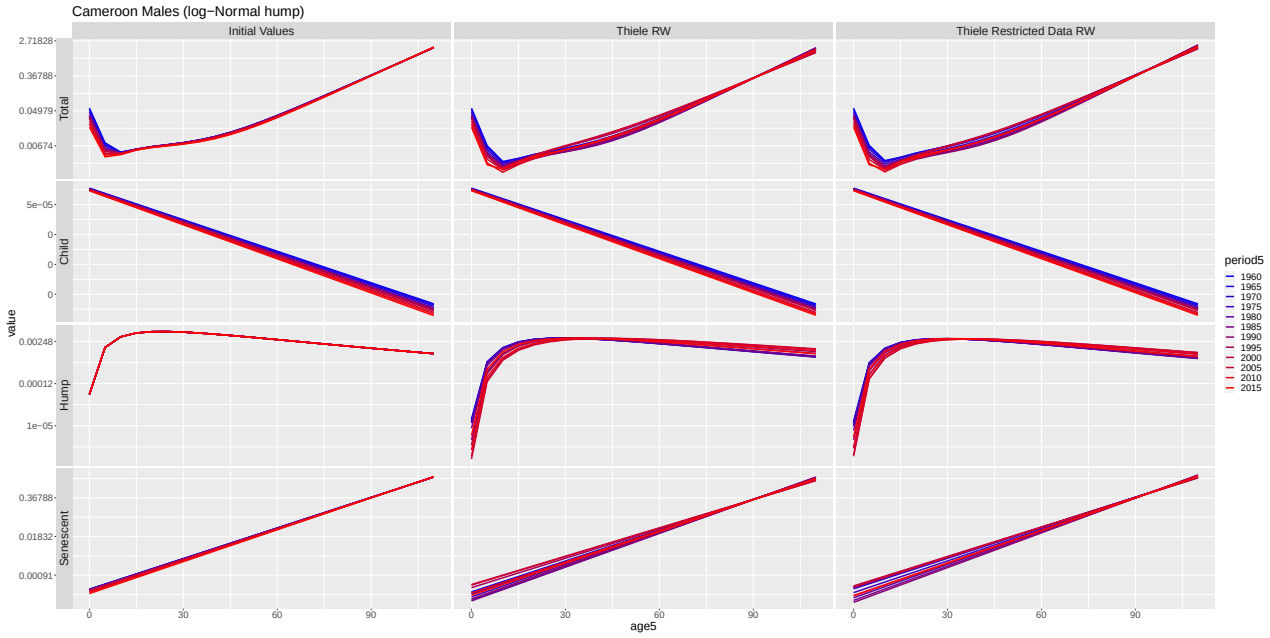

Figure 8: Thiele Decomposed

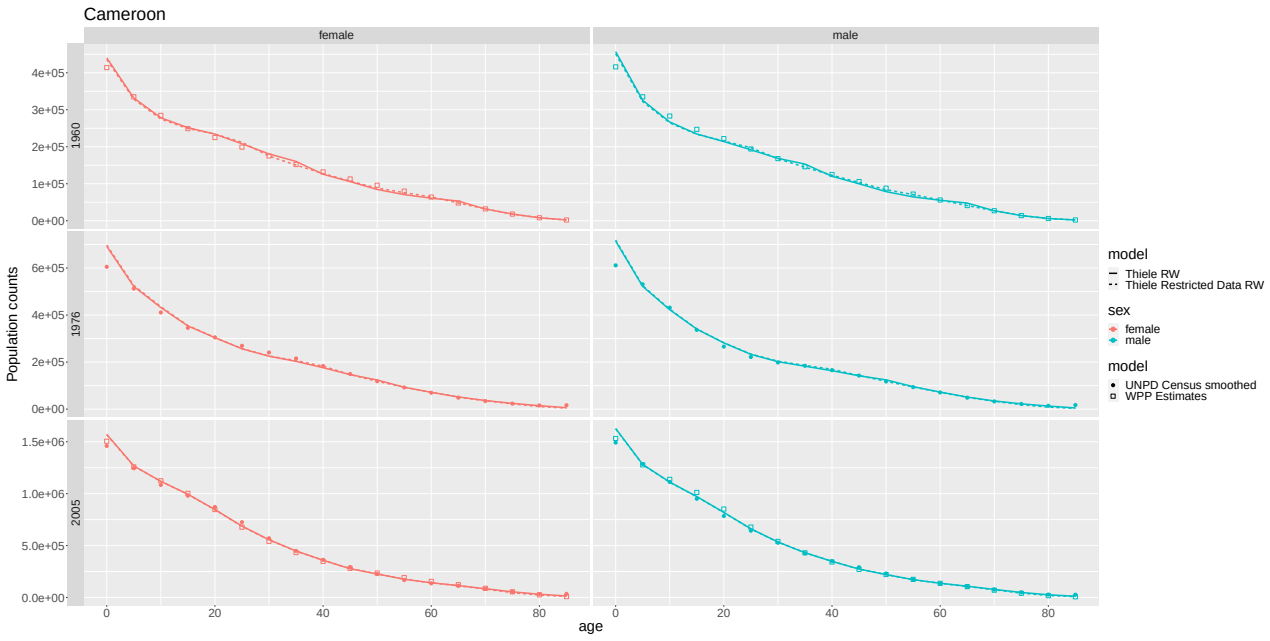

Figure 9: Population

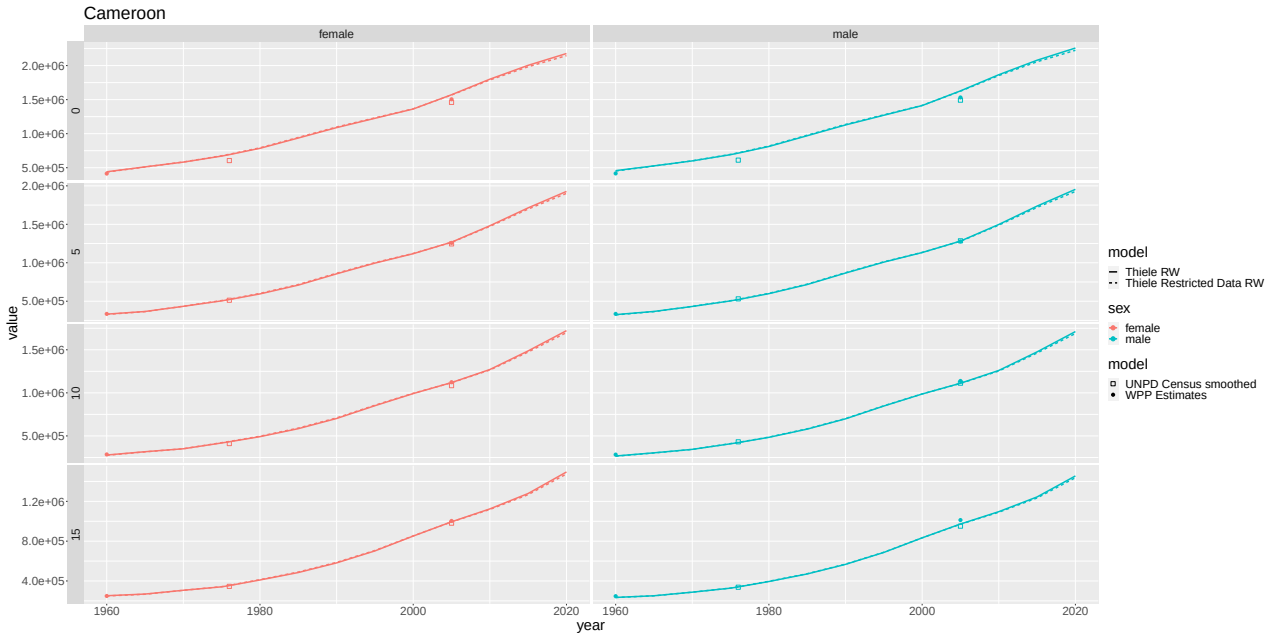

Figure 10: Population

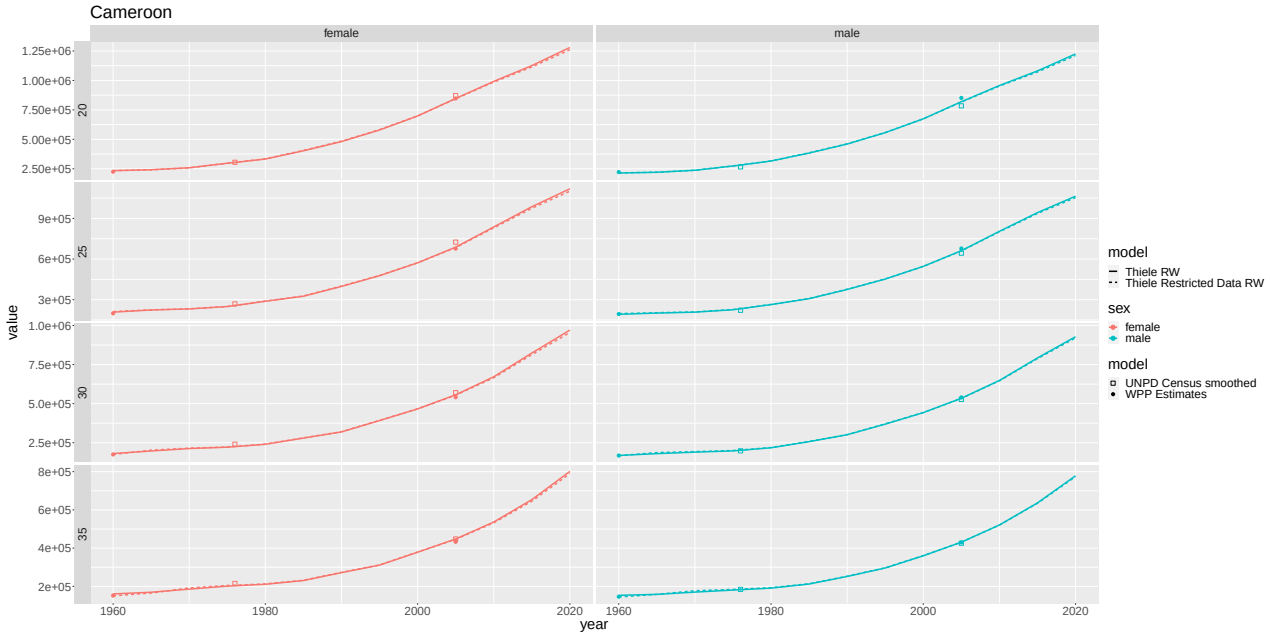

Figure 11: Population

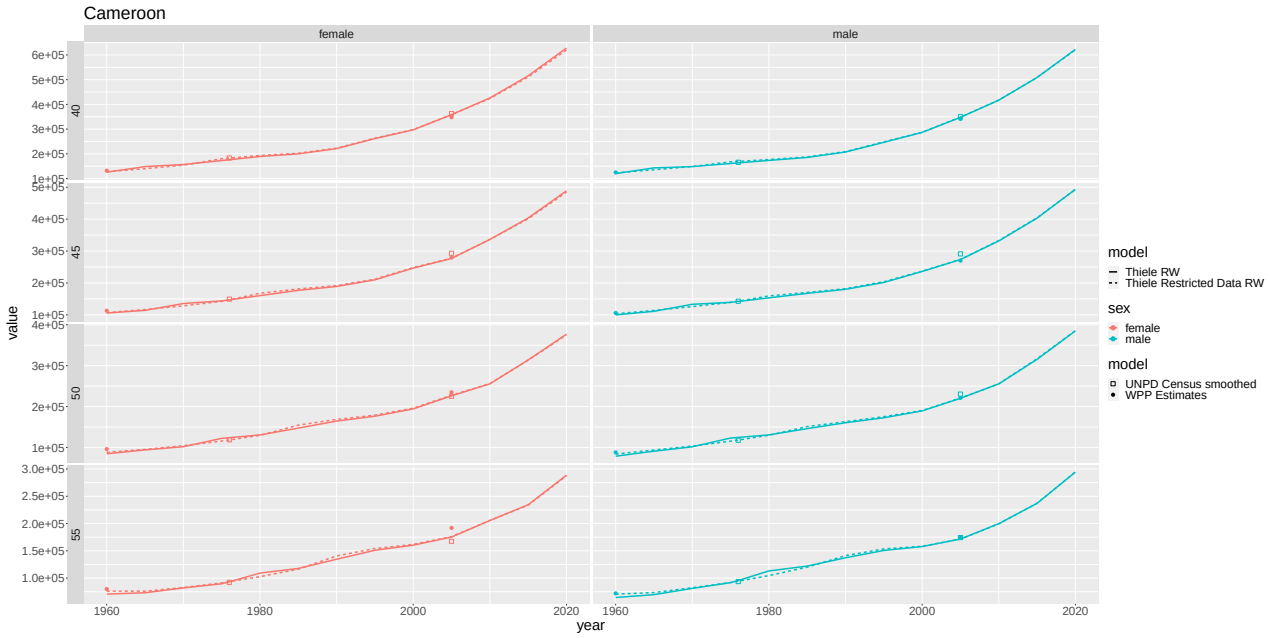

Figure 12: Population

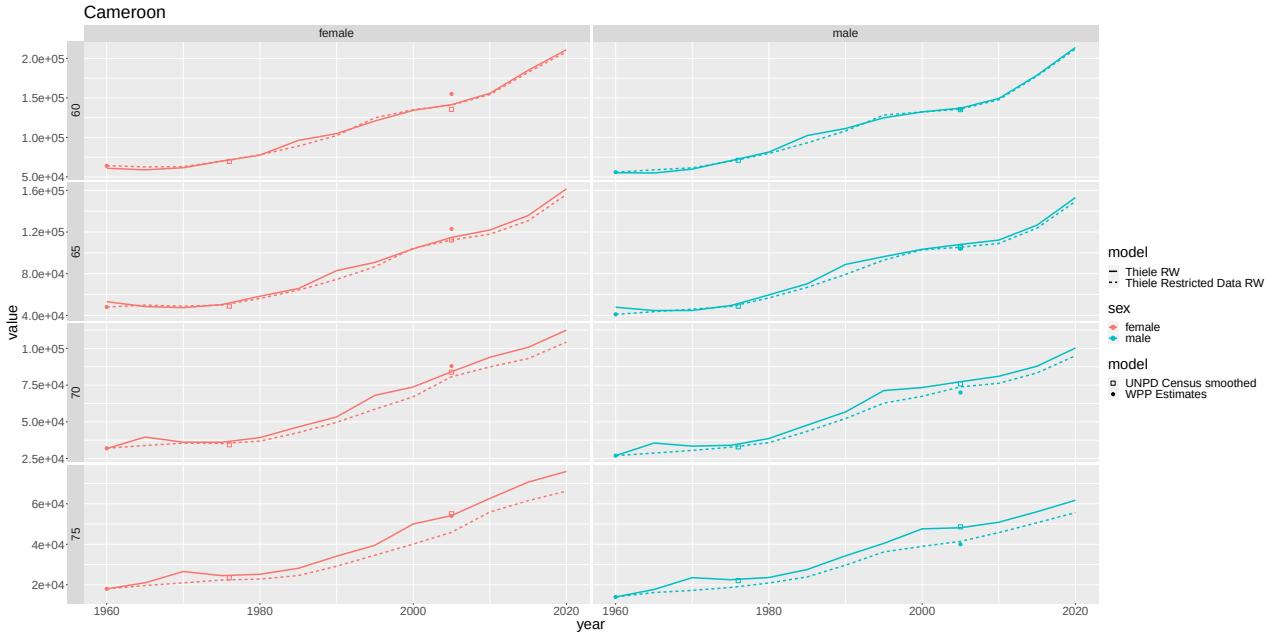

Figure 13: Population

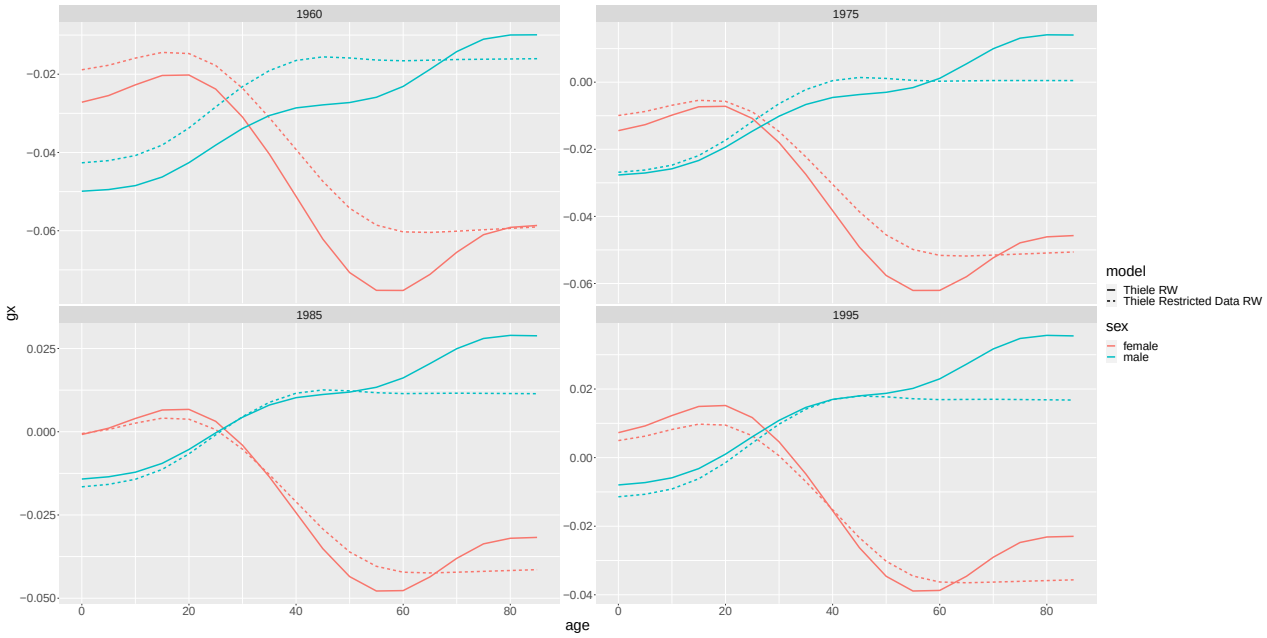

Figure 14: Migration

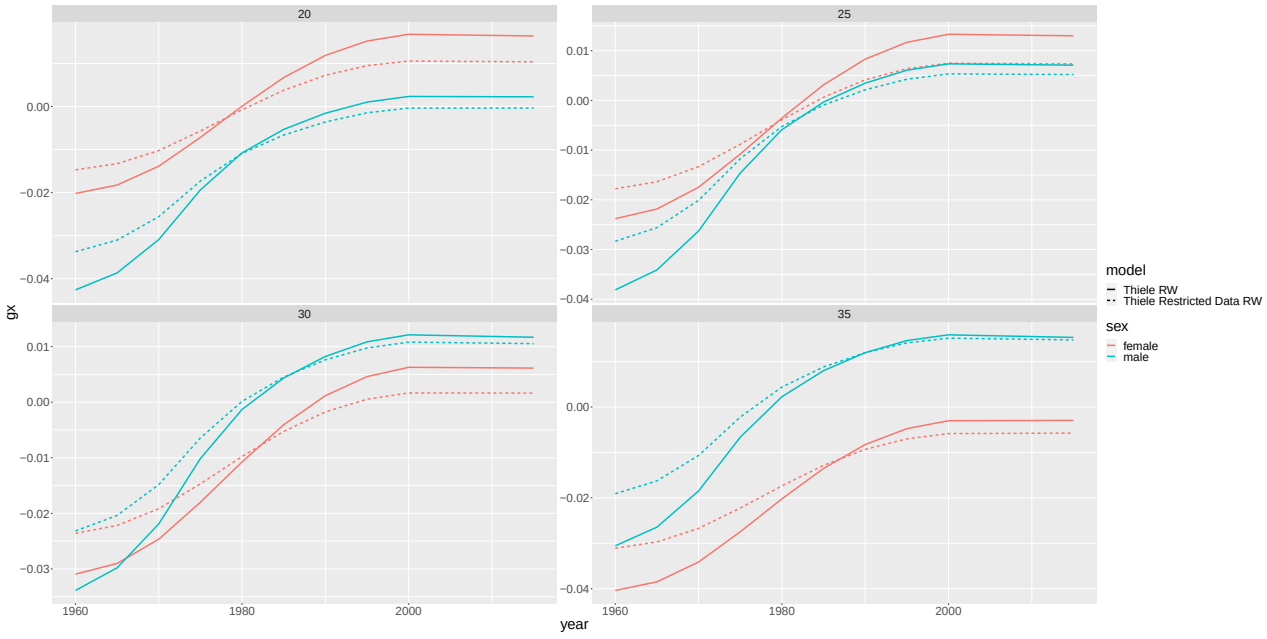

Figure 15: Migration

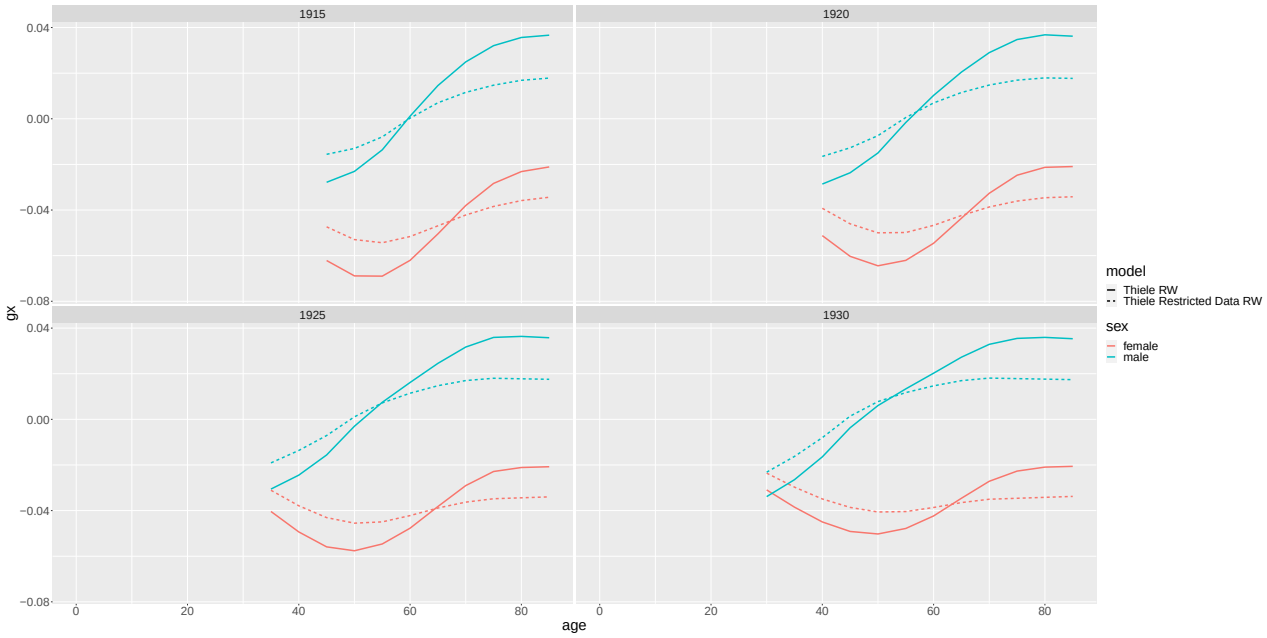

Figure 16: Migration

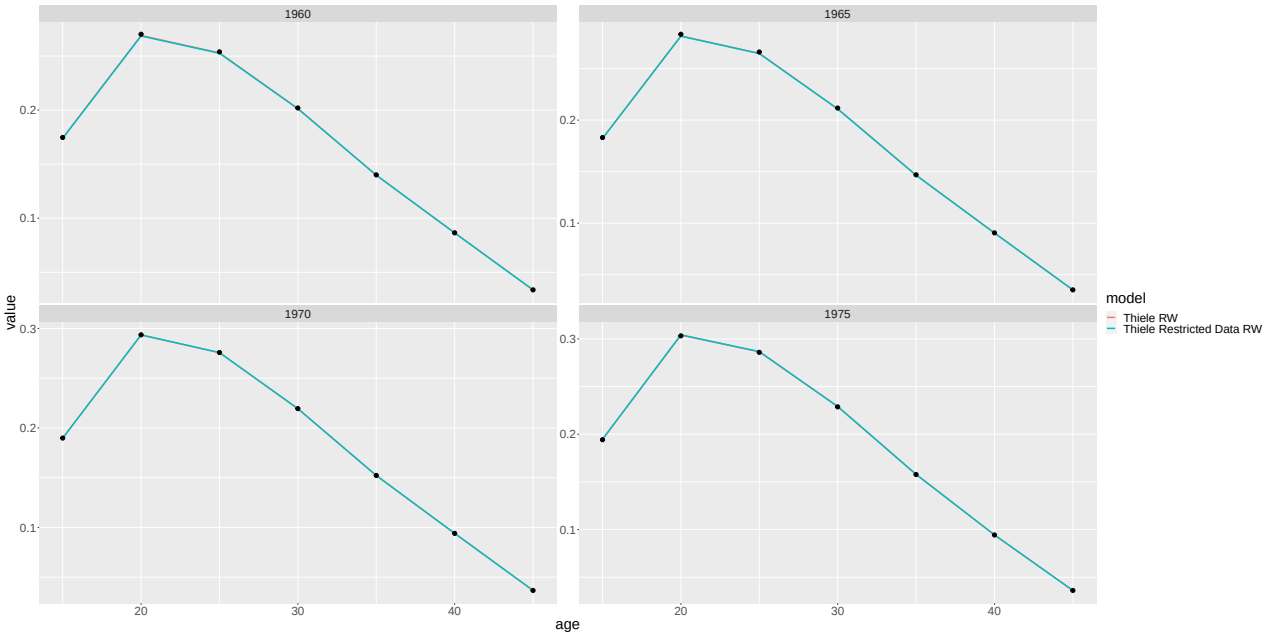

Figure 17: Fertility

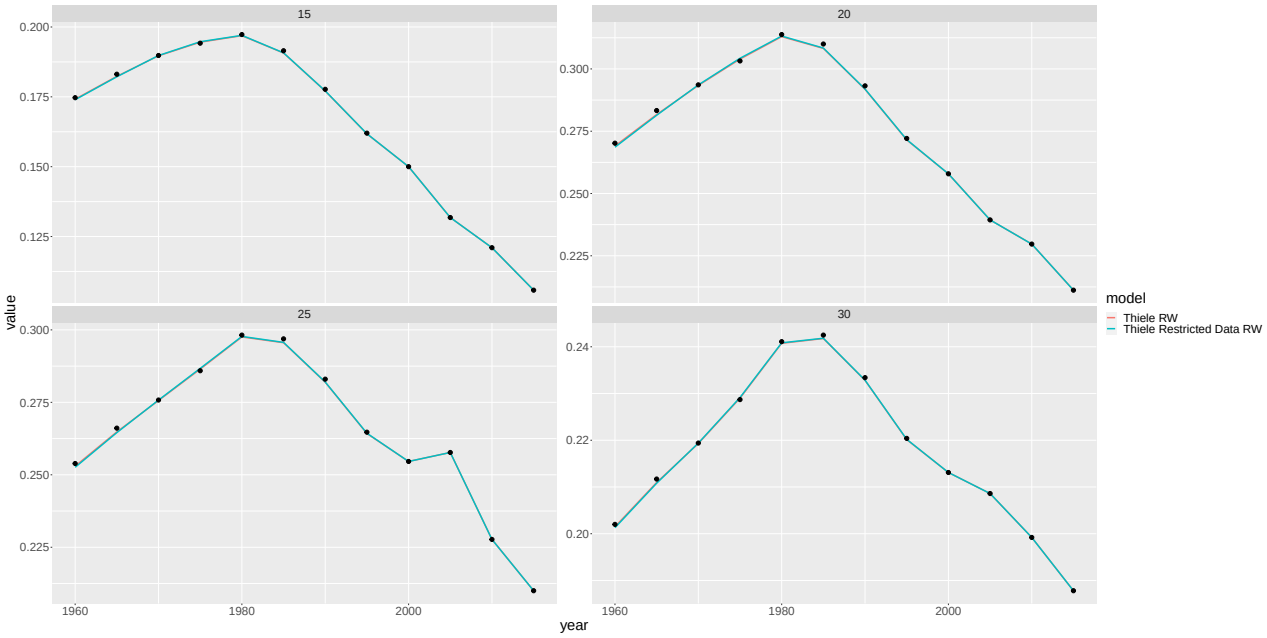

Figure 18: Fertility