

Mozambique

[1] "Census Females"

A tibble: 18 x 5

##	aggr.age	`1970`	`1980`	`1997`	`2007`
##	*	<dbl>	<dbl>	<dbl>	<dbl>
## 1	0	723077	1064130.	1388350	1963660.
## 2	5	615358	912491.	1123532.	1594522.
## 3	10	436100.	716104.	931153.	1243611.
## 4	15	318958.	571487.	853550.	1038278.
## 5	20	320232.	500286.	790943.	951448.
## 6	25	335818	441540.	653526.	834306.
## 7	30	319309.	382720.	509496	683334.
## 8	35	277668	327087.	409375.	542334.
## 9	40	223728	273286.	329197.	415756.
## 10	45	172490	221183.	269851.	332424.
## 11	50	129875	171975.	220113	275973.
## 12	55	102099.	132512.	171406	215040.
## 13	60	80779	105655.	133428.	163891.
## 14	65	50631	77596.	98570.	124119.
## 15	70	19726	51011.	63340	87866.
## 16	75	12937	33819.	38412.	57908.
## 17	80	NA	24471.	22126.	34254.
## 18	85	NA	23509.	17850	30523.

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##	aggr.age	`1970`	`1980`	`1997`	`2007`
##	*	<dbl>	<dbl>	<dbl>	<dbl>
## 1	0	697822	1018835.	1353206	1917794.
## 2	5	652180.	914042.	1131271	1578767.
## 3	10	503181.	768139.	945280	1239592.
## 4	15	360521.	581307.	783251.	962135.
## 5	20	305990.	425760.	639416.	795540.
## 6	25	282238.	349815.	516370.	693327.
## 7	30	262403.	308554.	425804.	589094.
## 8	35	239745.	270596.	356955	478250.
## 9	40	203729.	243736.	292744.	383917.
## 10	45	160248.	214258.	240772	310056.
## 11	50	116962.	172993.	194249	244428.
## 12	55	89211.	131372.	154370.	189850.
## 13	60	74190.	99948.	122804.	147036.
## 14	65	50689.	71866.	90648	110029.
## 15	70	18859	47637.	59192	78466.
## 16	75	10545	31136.	36442.	51400.
## 17	80	NA	20838.	20295	29215.
## 18	85	NA	21862.	16724	27477.

Thiele log-Normal Hump RW

##	user	system	elapsed
##	25.86	0.28	26.27

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

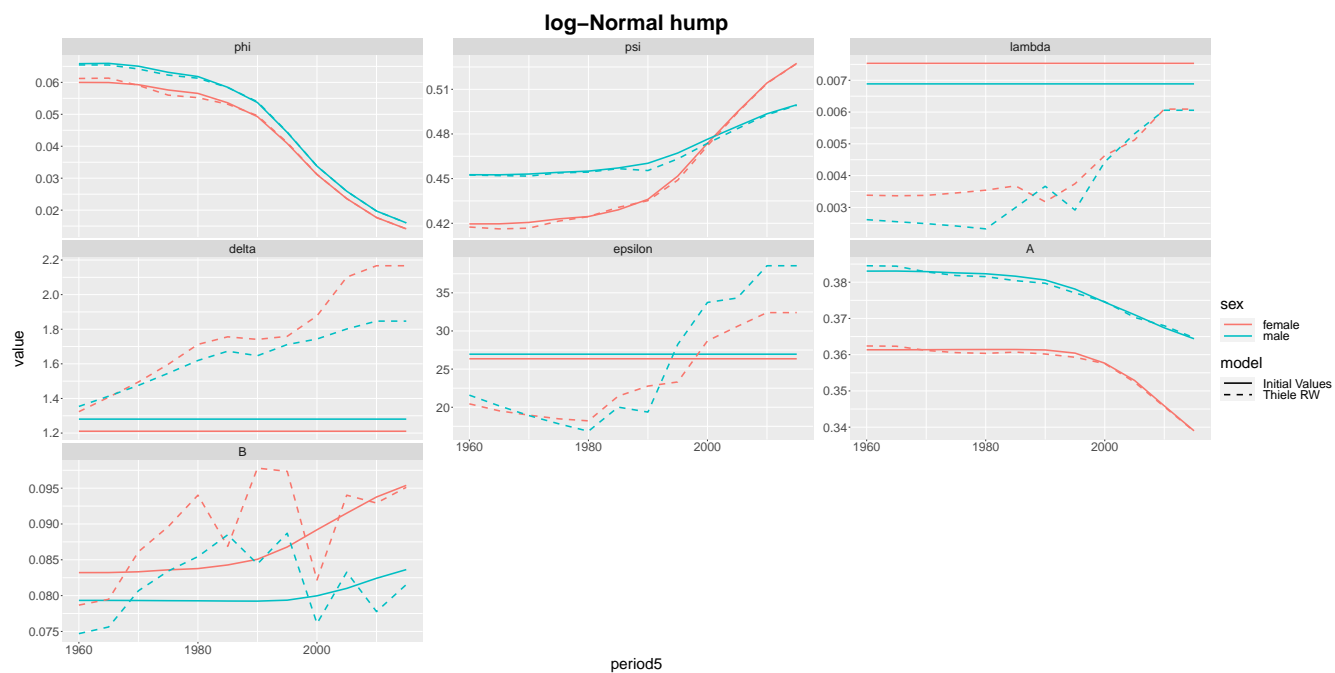


Figure 1: Estimated parameters



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

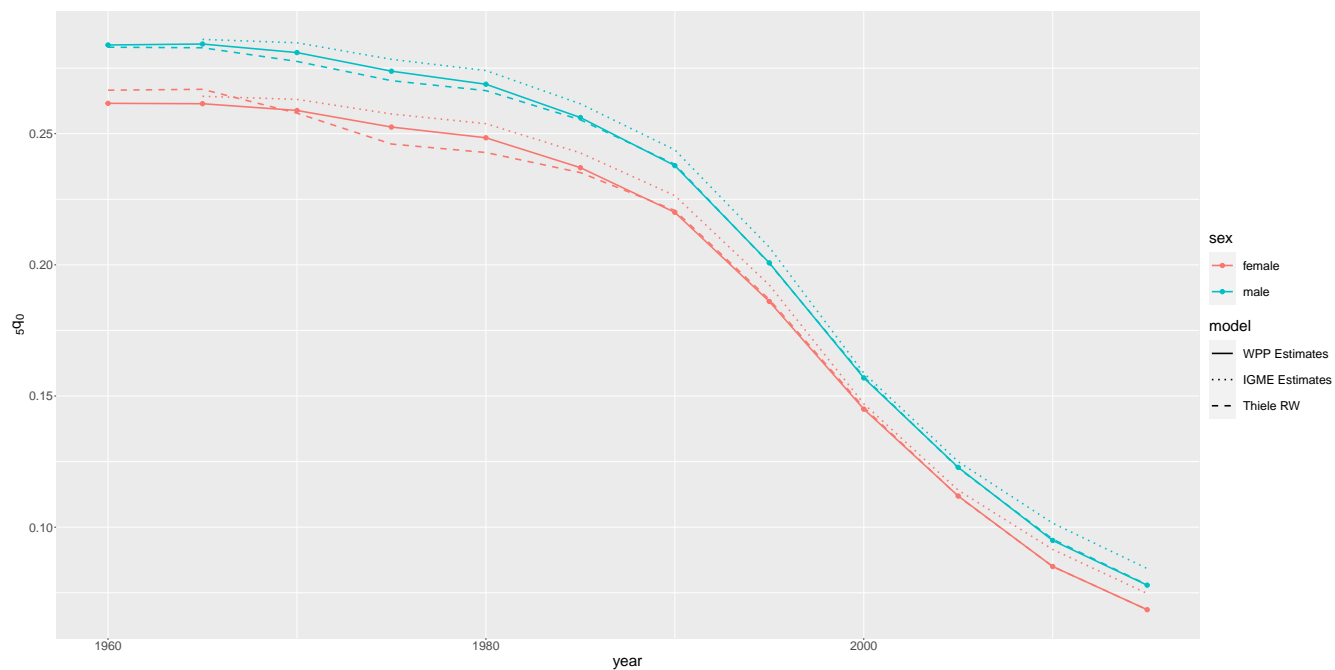


Figure 3: Estimated $_{5}q_0$

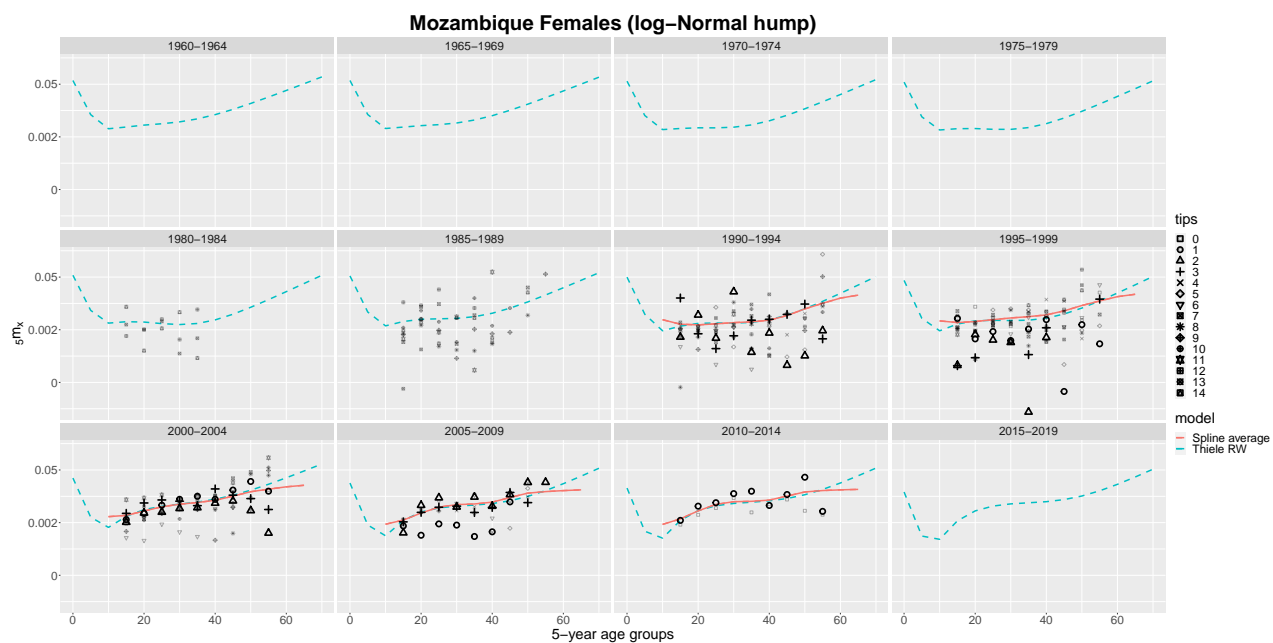


Figure 4: Mortality Schedules

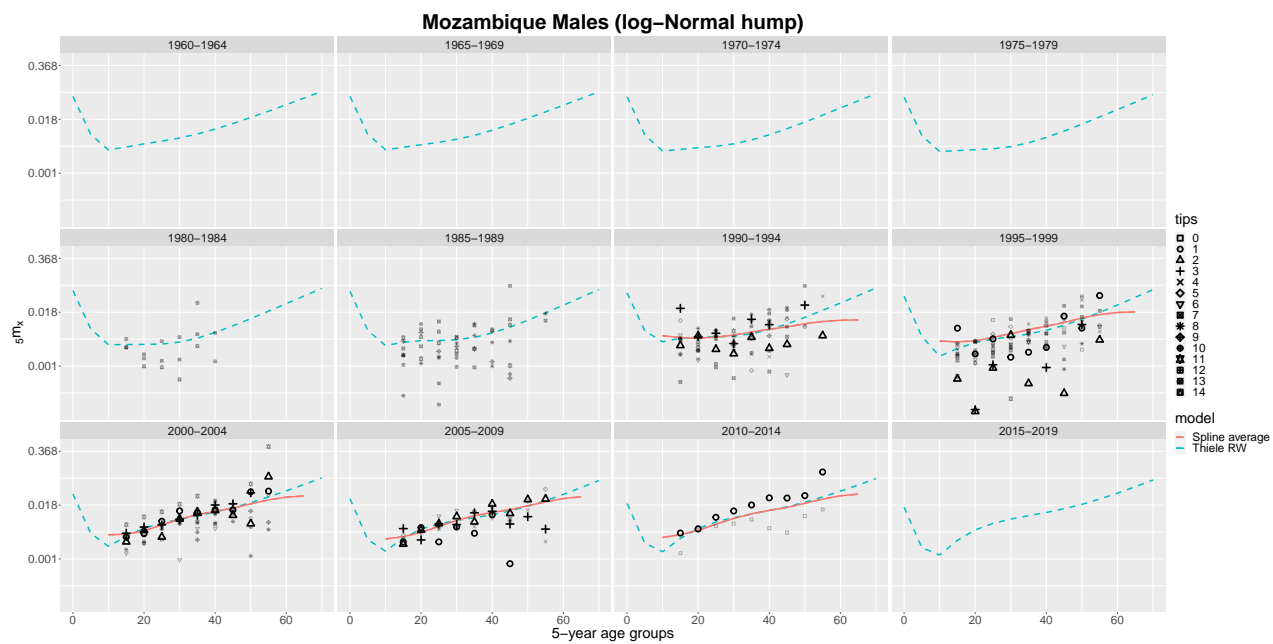


Figure 5: Mortality Schedules

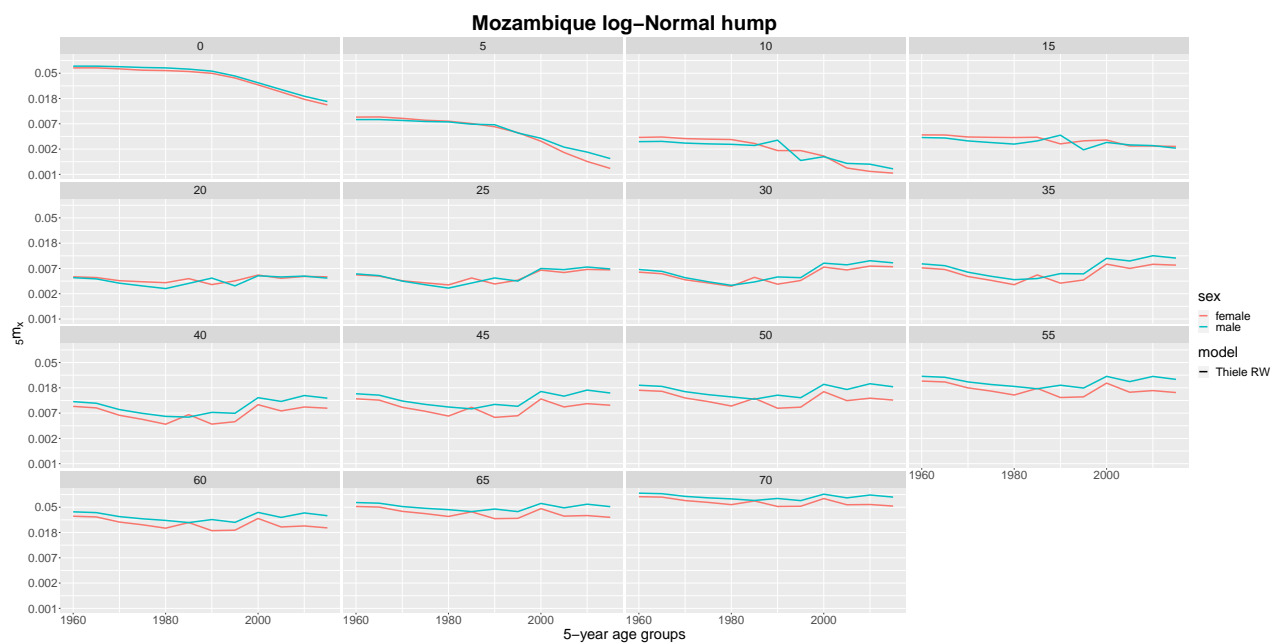


Figure 6: Mortality Schedules

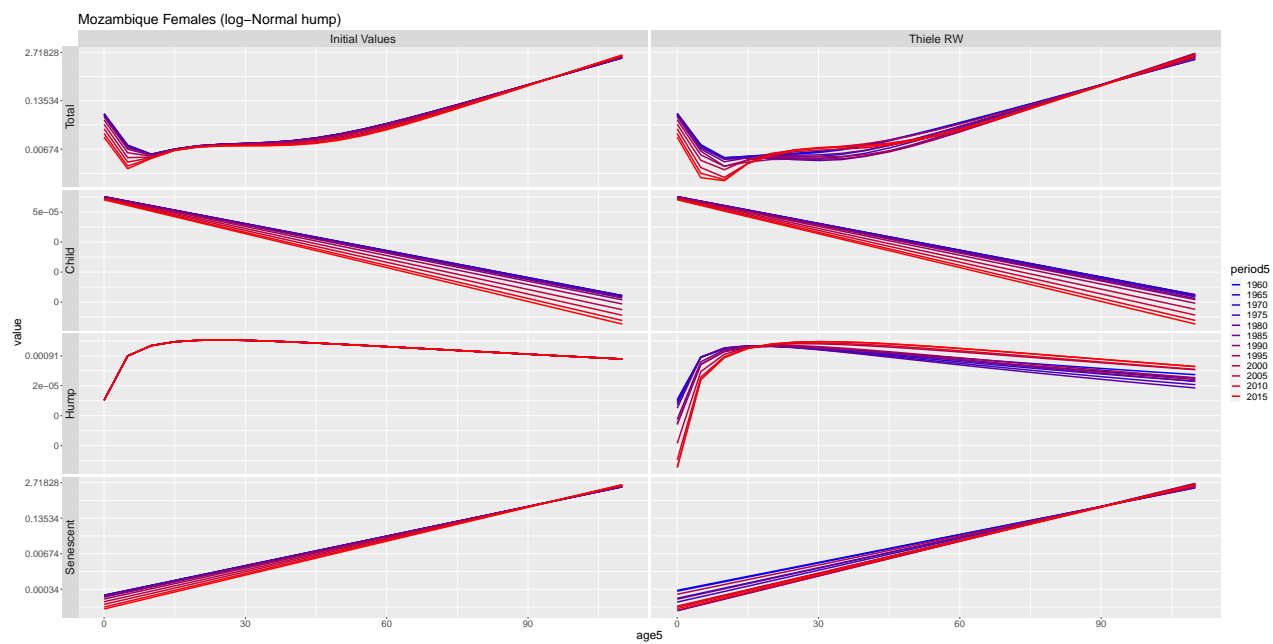


Figure 7: Thiele Decomposed

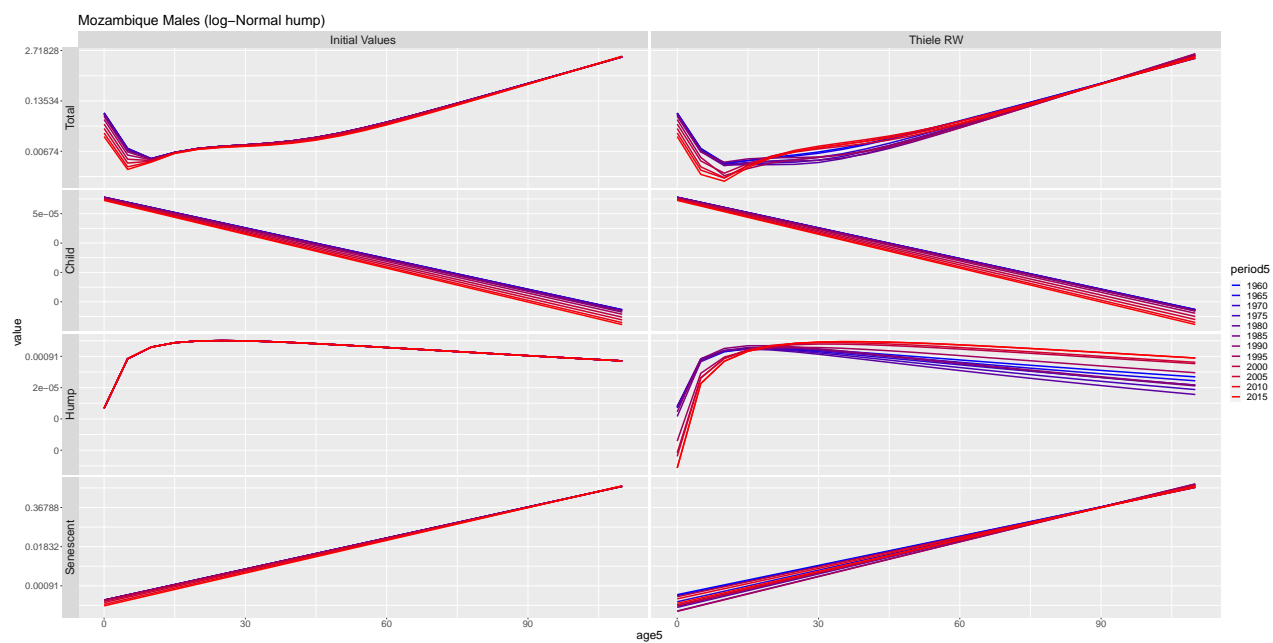


Figure 8: Thiele Decomposed

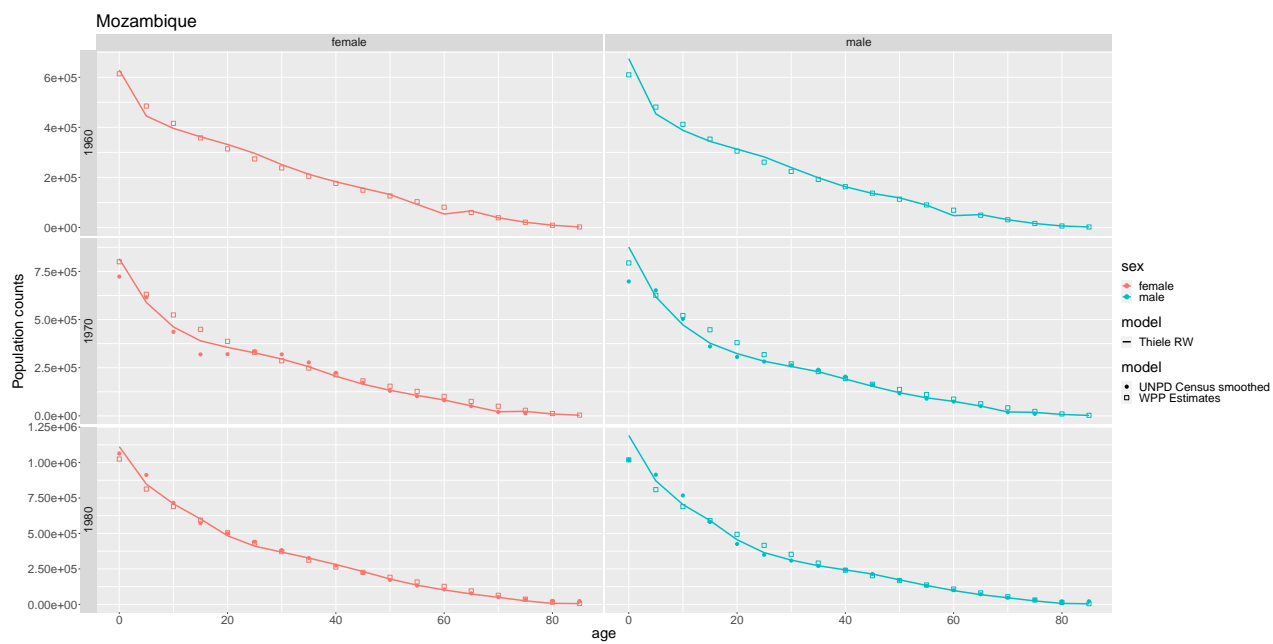


Figure 9: Population

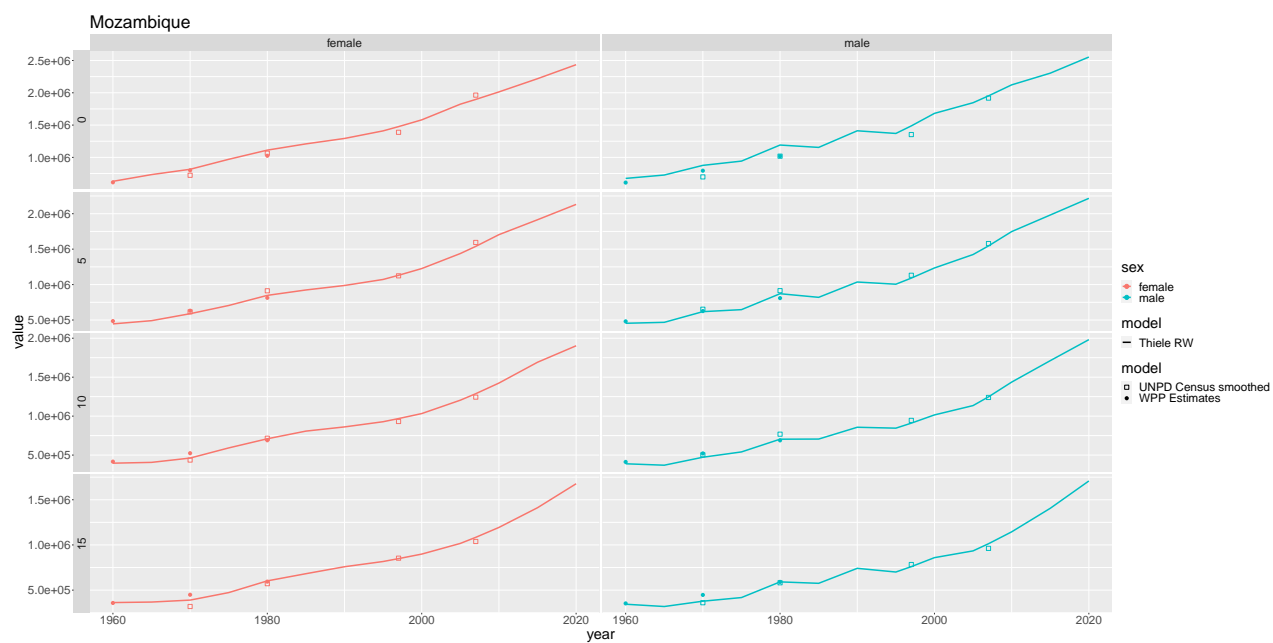


Figure 10: Population

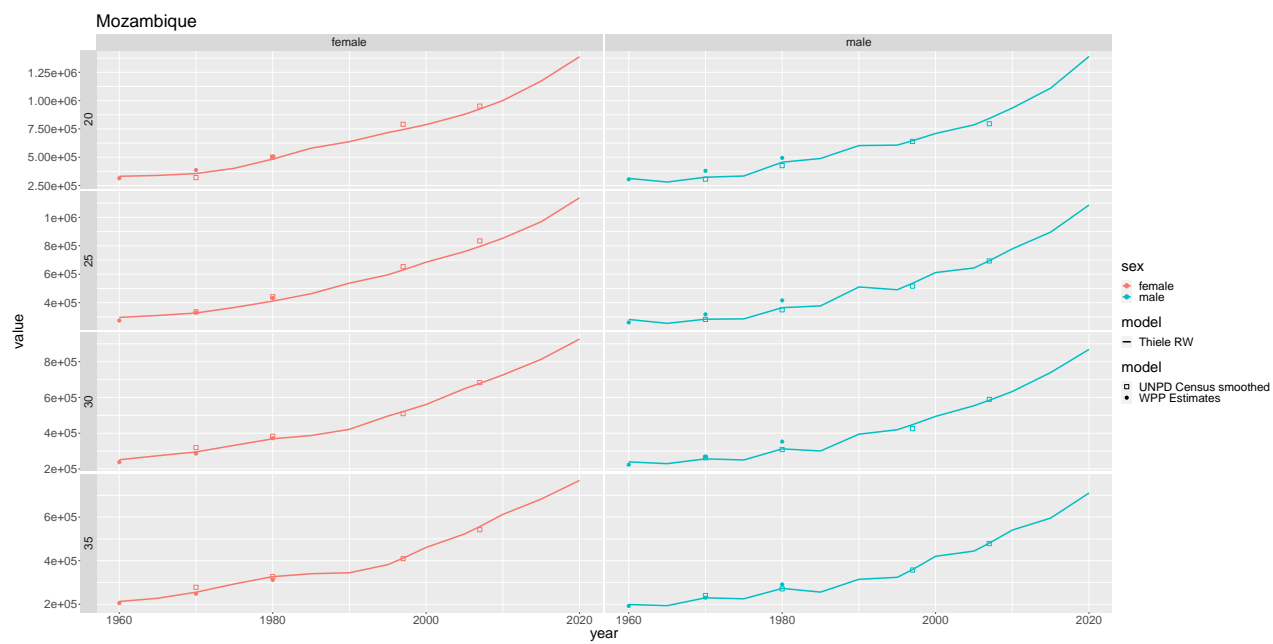


Figure 11: Population

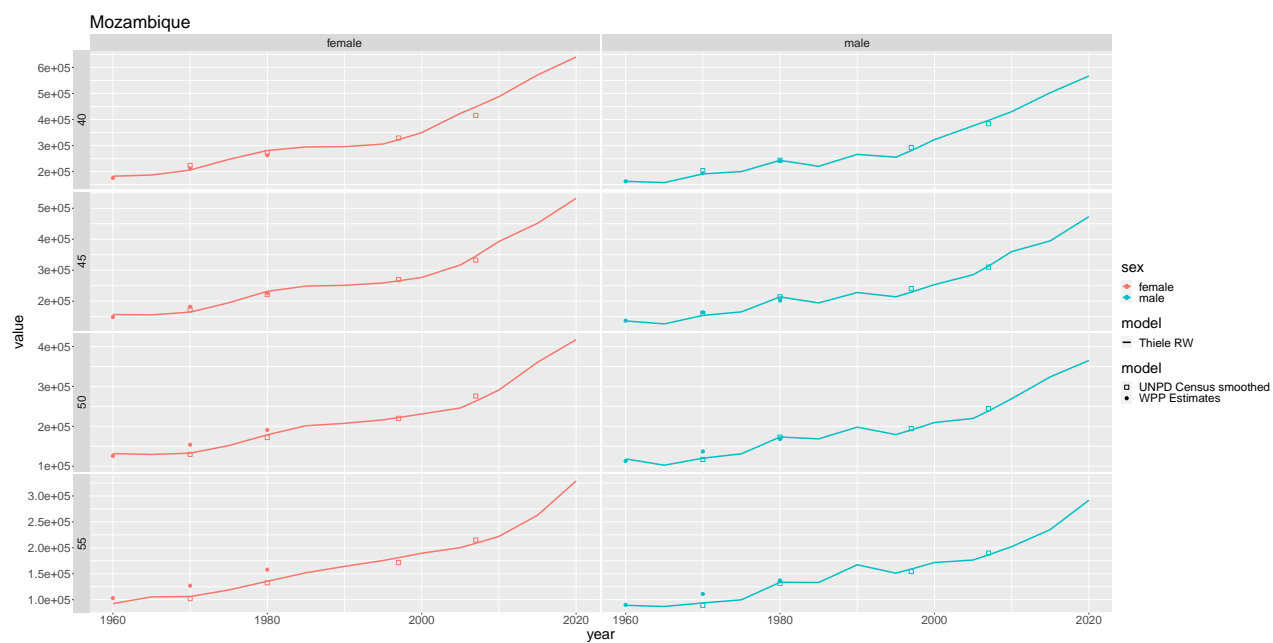


Figure 12: Population

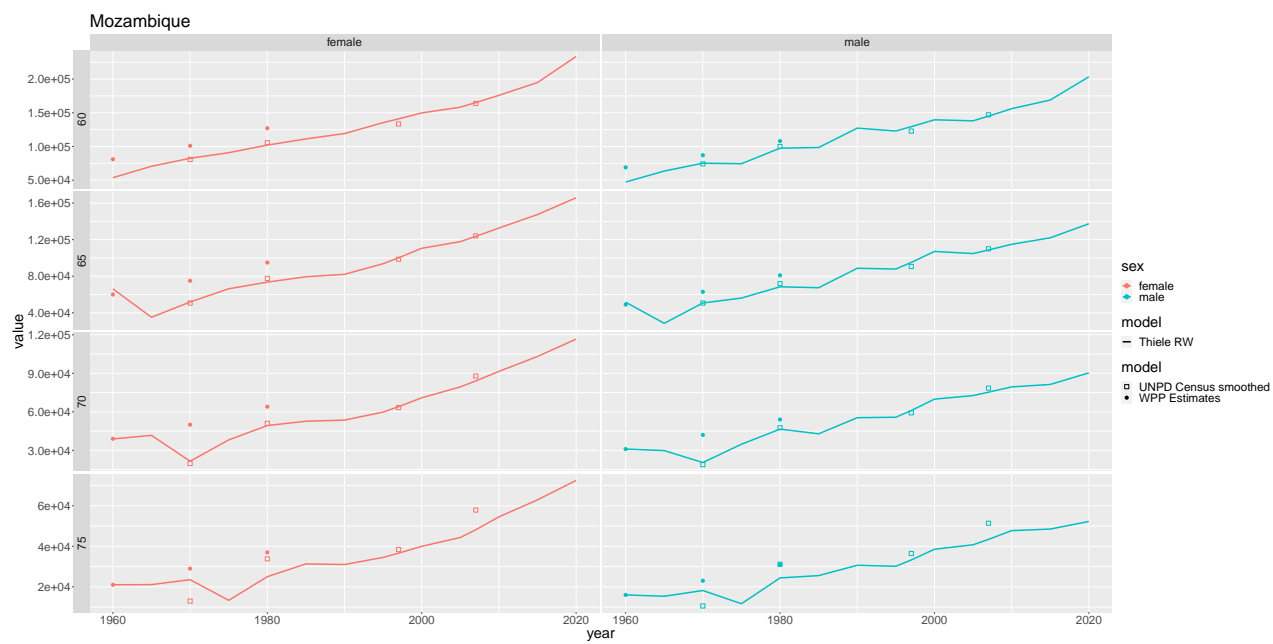


Figure 13: Population

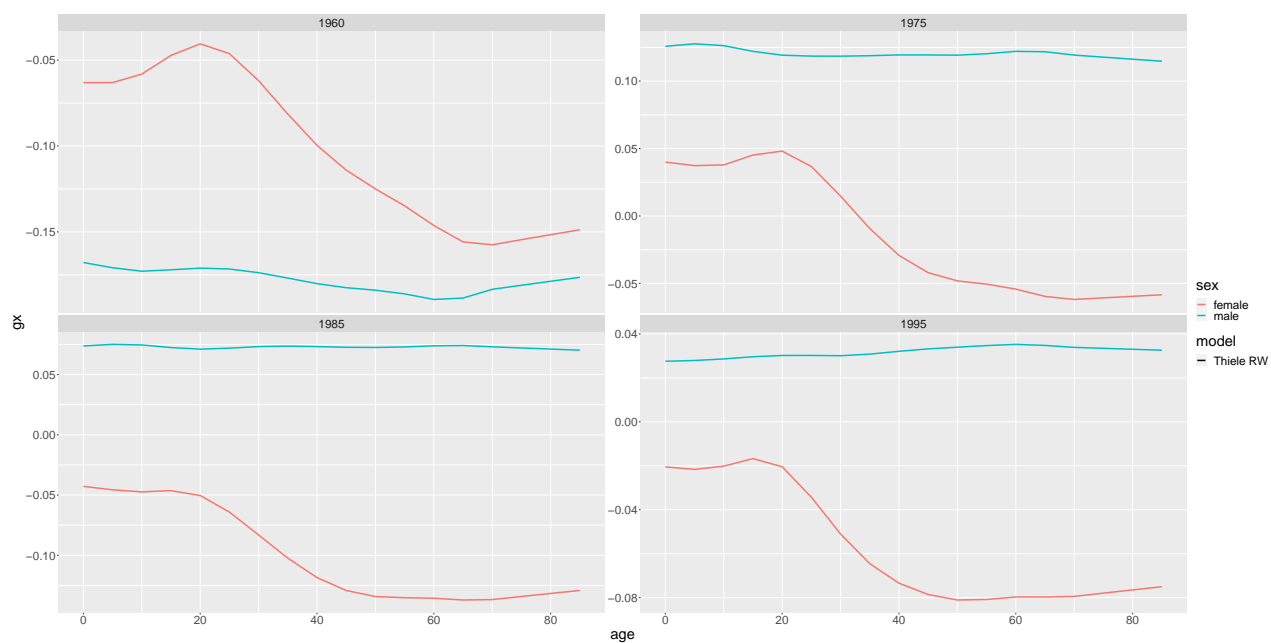


Figure 14: Migration

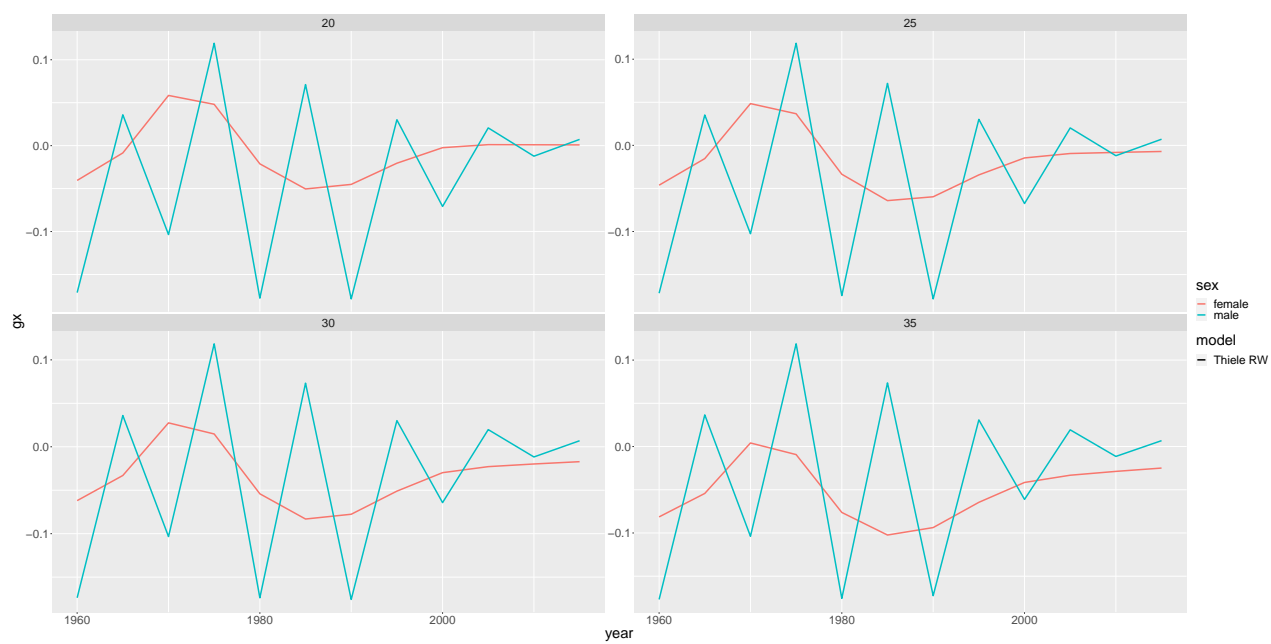


Figure 15: Migration

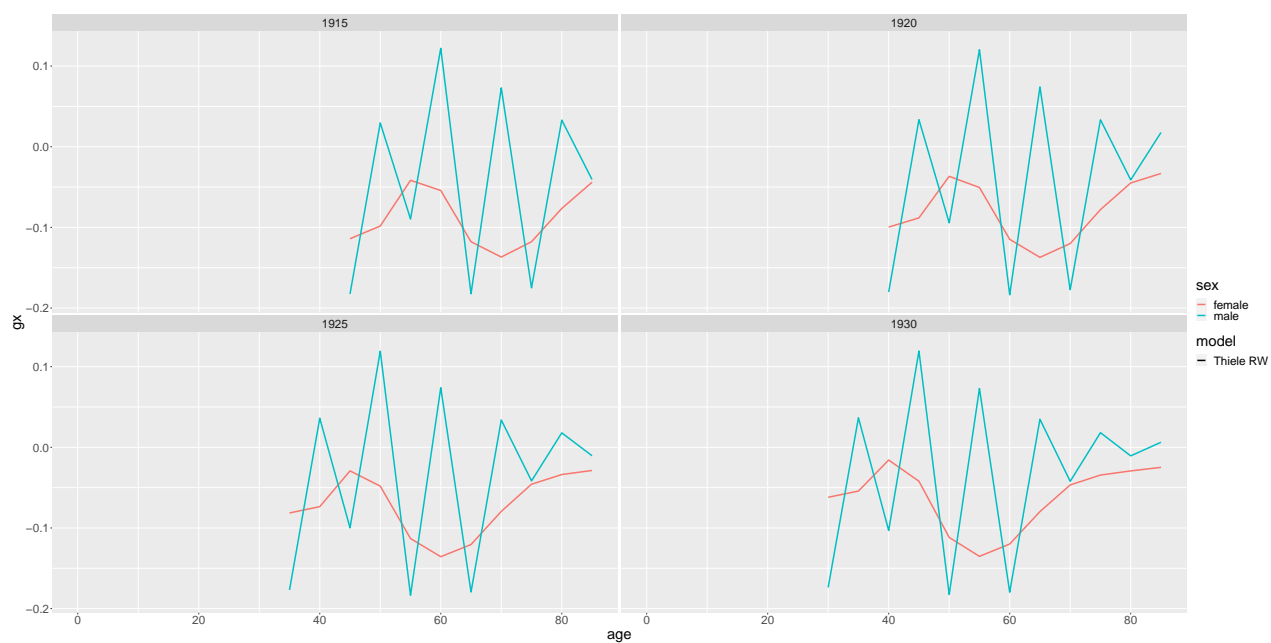


Figure 16: Migration

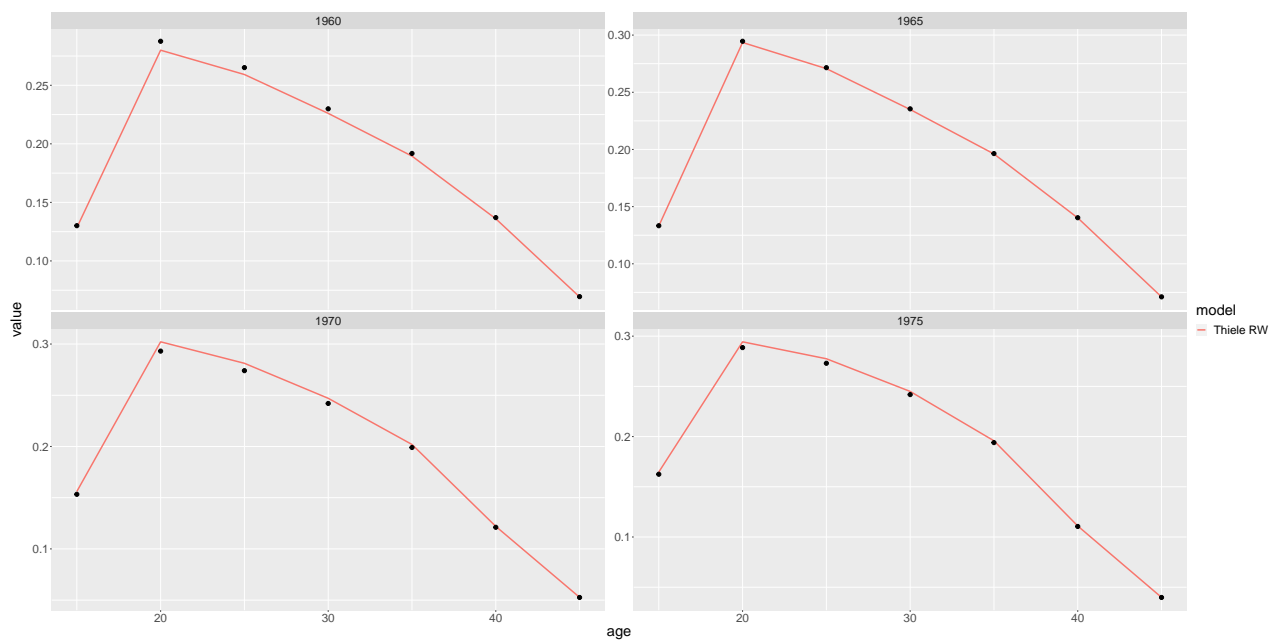


Figure 17: Fertility

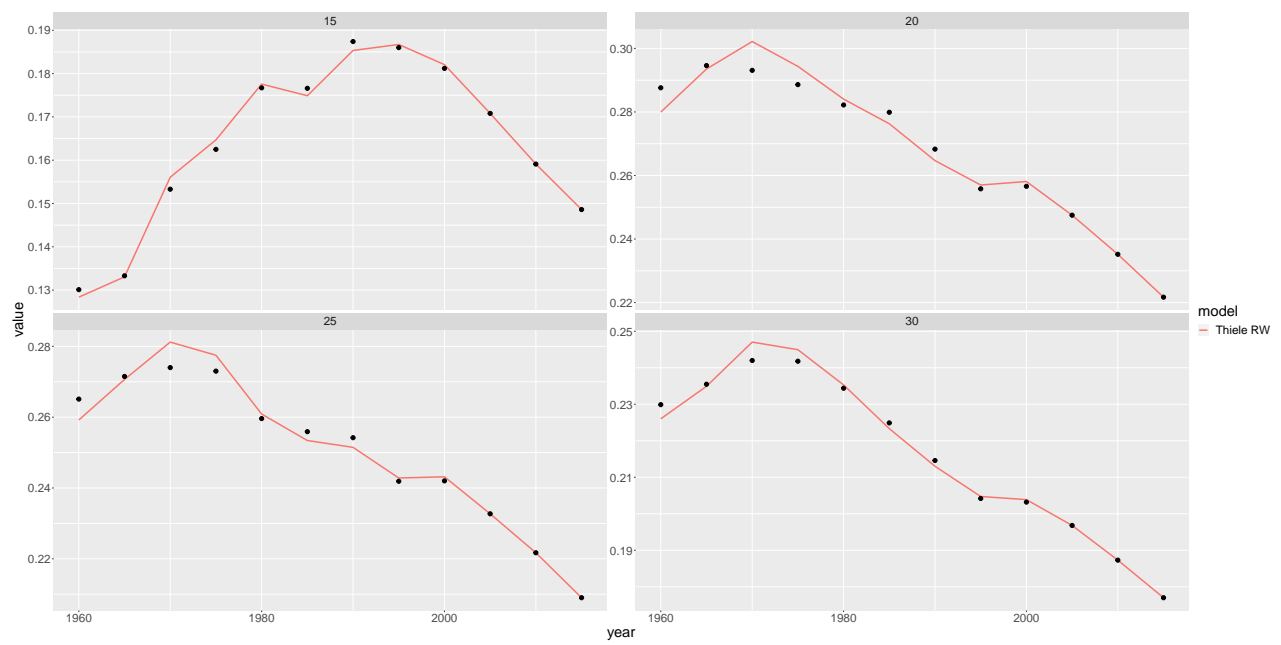


Figure 18: Fertility