

# Country Summary: Mauritania

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## 1 Intro

These estimates are created using an unstratified BB8 model with subnational estimates using a AR1 main temporal effect and a AR1xICAR spatiotemporal interaction term with area-specific random slopes.

Mauritania has 13 Admin 1 areas and 44 Admin 2 areas.

All uncertainty intervals displayed in subsequent figures are 90% intervals.

## 2 National Data Summaries and Results

### 2.1 Survey data

Survey	Urban	Rural	Total
DHS 2020	563	631	1194

Table 1: Number of clusters by urban/rural designation by survey for Mauritania.

Age	No. Deaths	No. Agemonths
DHS 2020		
0	921	35885
1-11	457	372962
12-23	125	383192
24-35	143	361869
36-47	56	339329
48-59	38	316564

Table 2: Numbers of agemonths and deaths by age group for each survey used in analysis for Mauritania.

Median	Interval	Age
29	(25.2,33.7)	0:
1	(1.2,1.7)	1-11:
0	(0.3,0.5)	12-23:
0	(0.4,0.6)	24-35:
0	(0.2,0.3)	36-47:
0	(0.1,0.2)	48-59:

Table 3: The 95% credible intervals for monthly hazards in terms of 1000 children by age band for the Admin-1, benchmarked unstratified model for Mauritania.

## 2.2 Figures

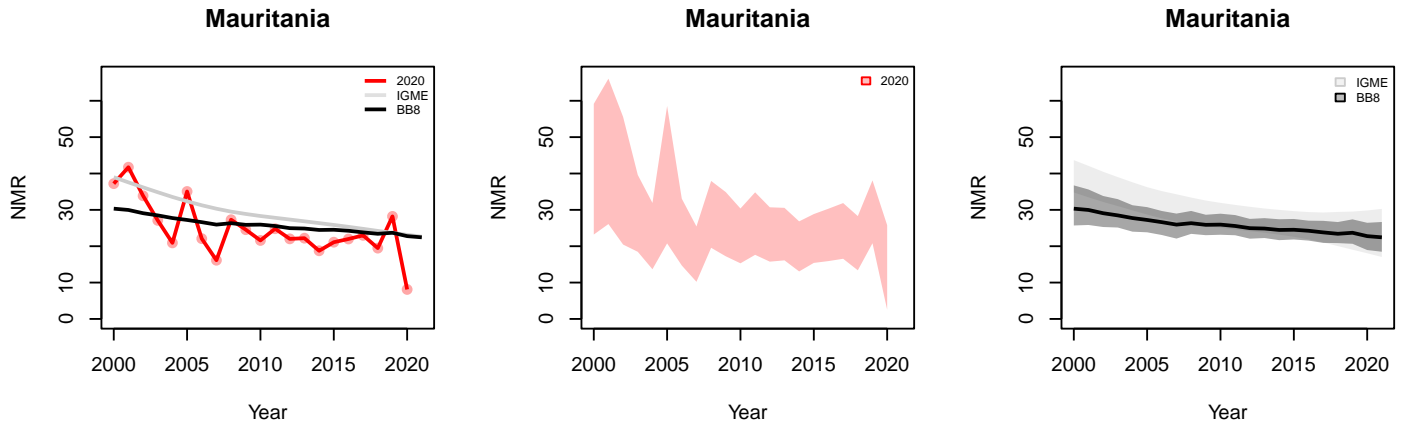


Figure 1: NMR results from the national BB8 model.

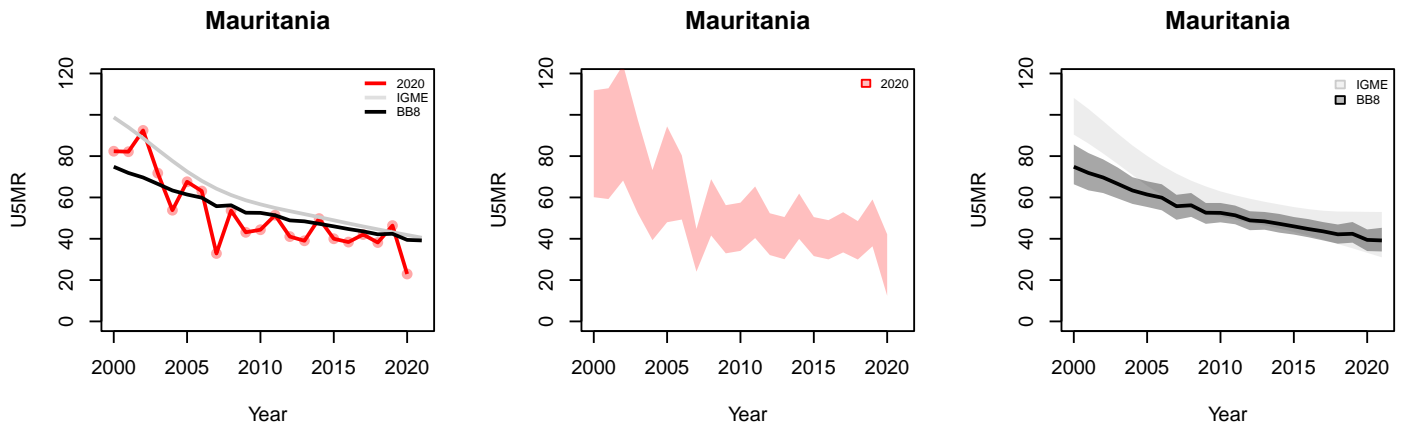


Figure 2: U5MR results from the national BB8 model.

### 3 Subnational Results



Figure 3: Top: The neighborhood structure of Admin 1 areas. Bottom: The neighborhood structure of Admin 2 areas.

#### 3.1 Admin 1 Figures

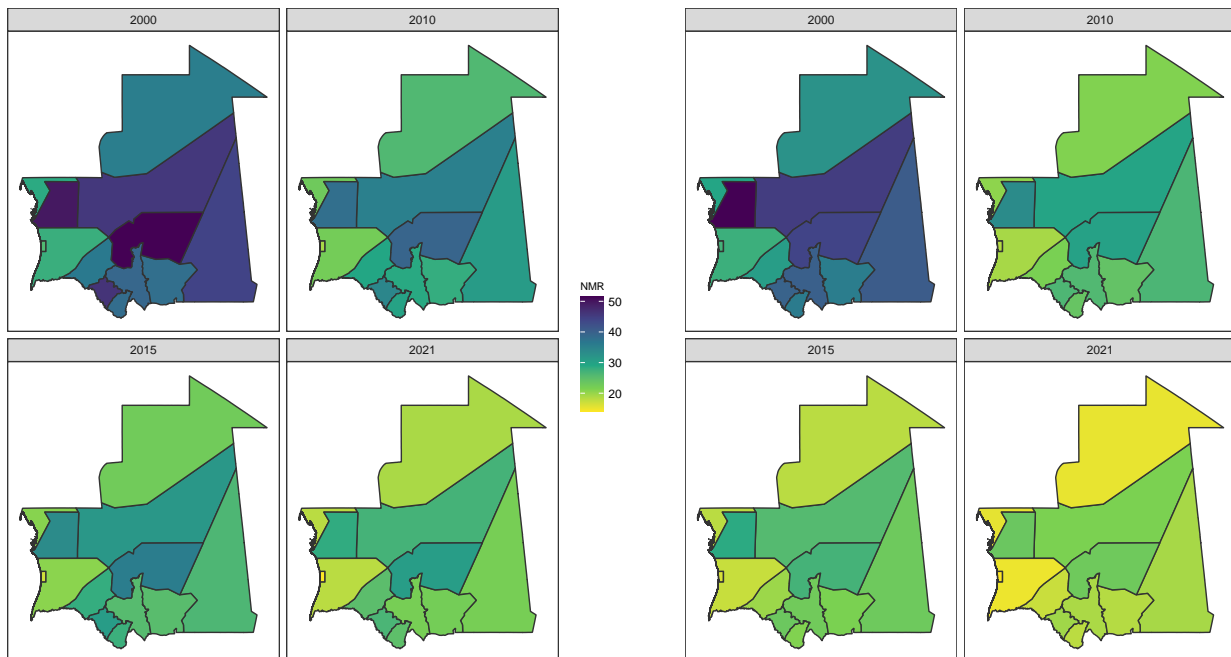
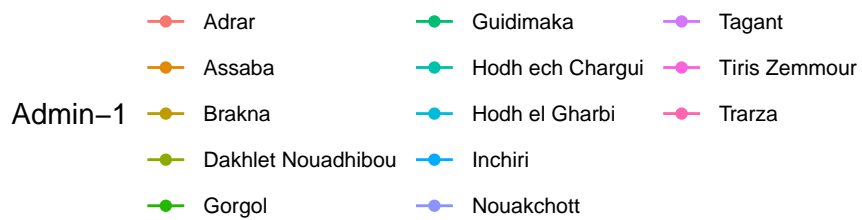
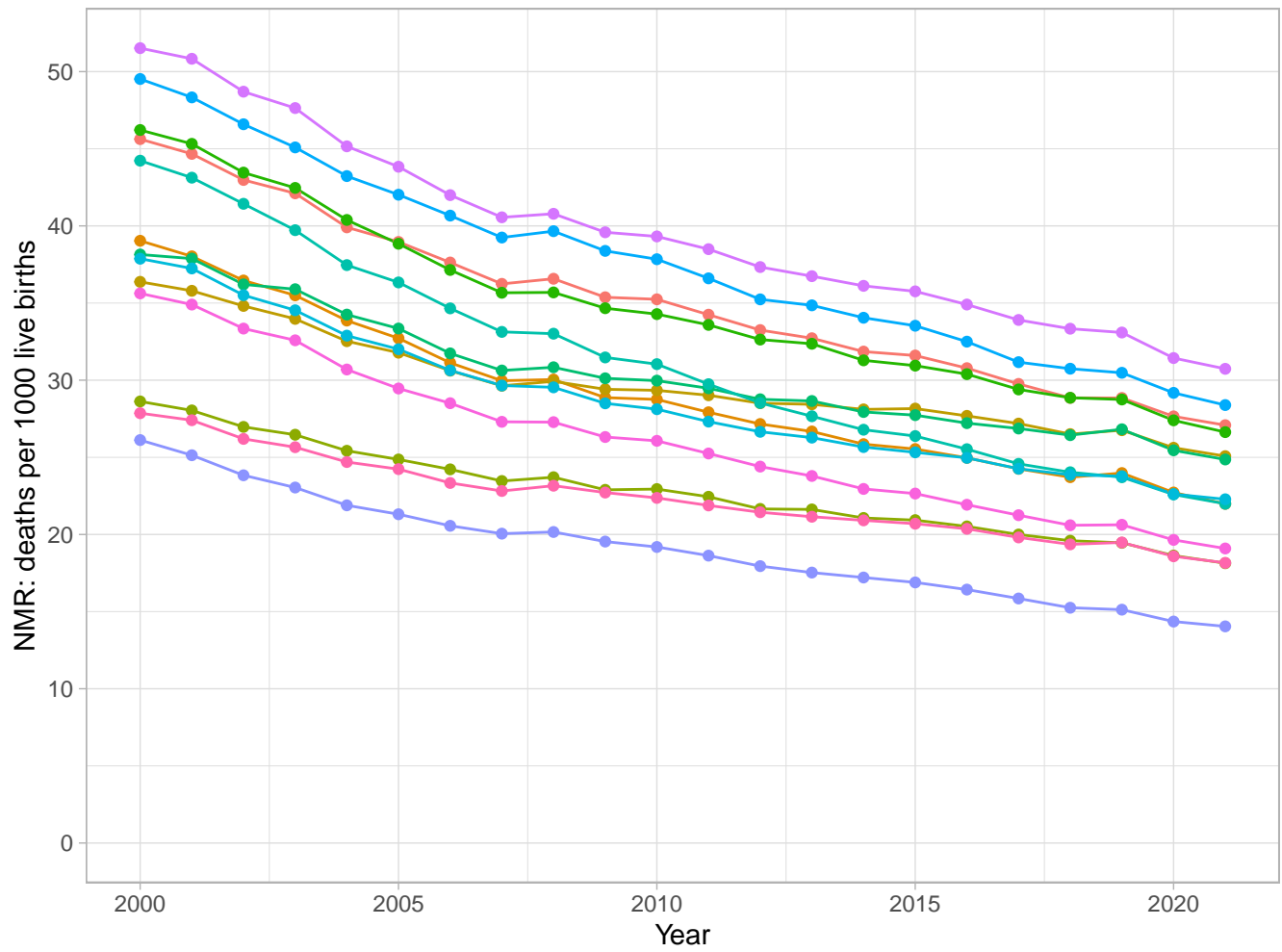
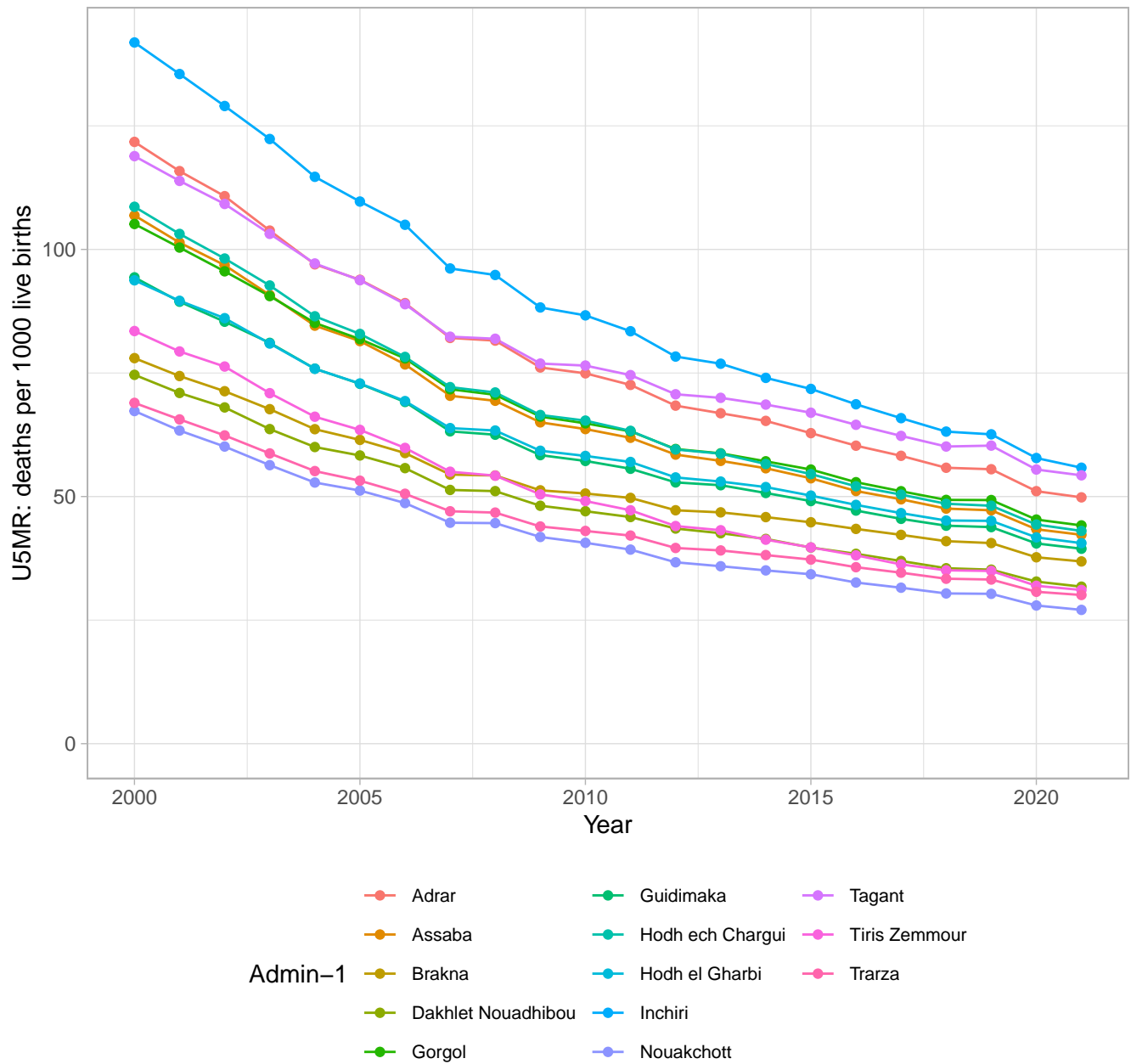


Figure 4: NMR (left) and U5MR (right) results in 2000, 2010, 2015, and 2021 from the Admin-1 BB8 model.

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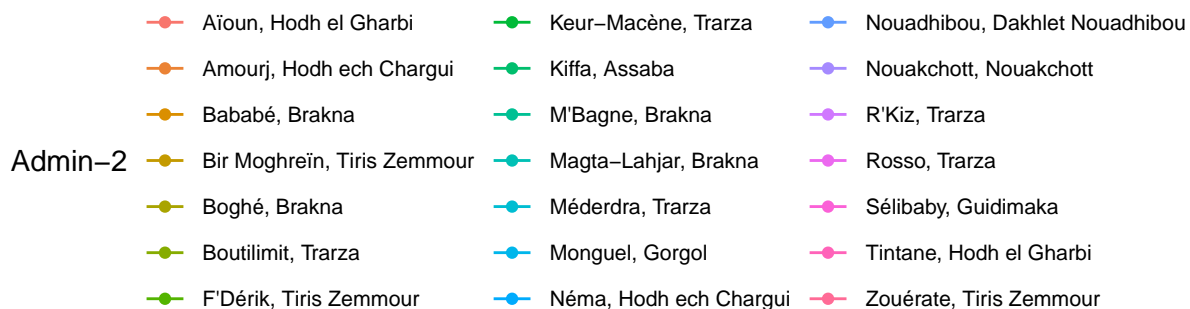
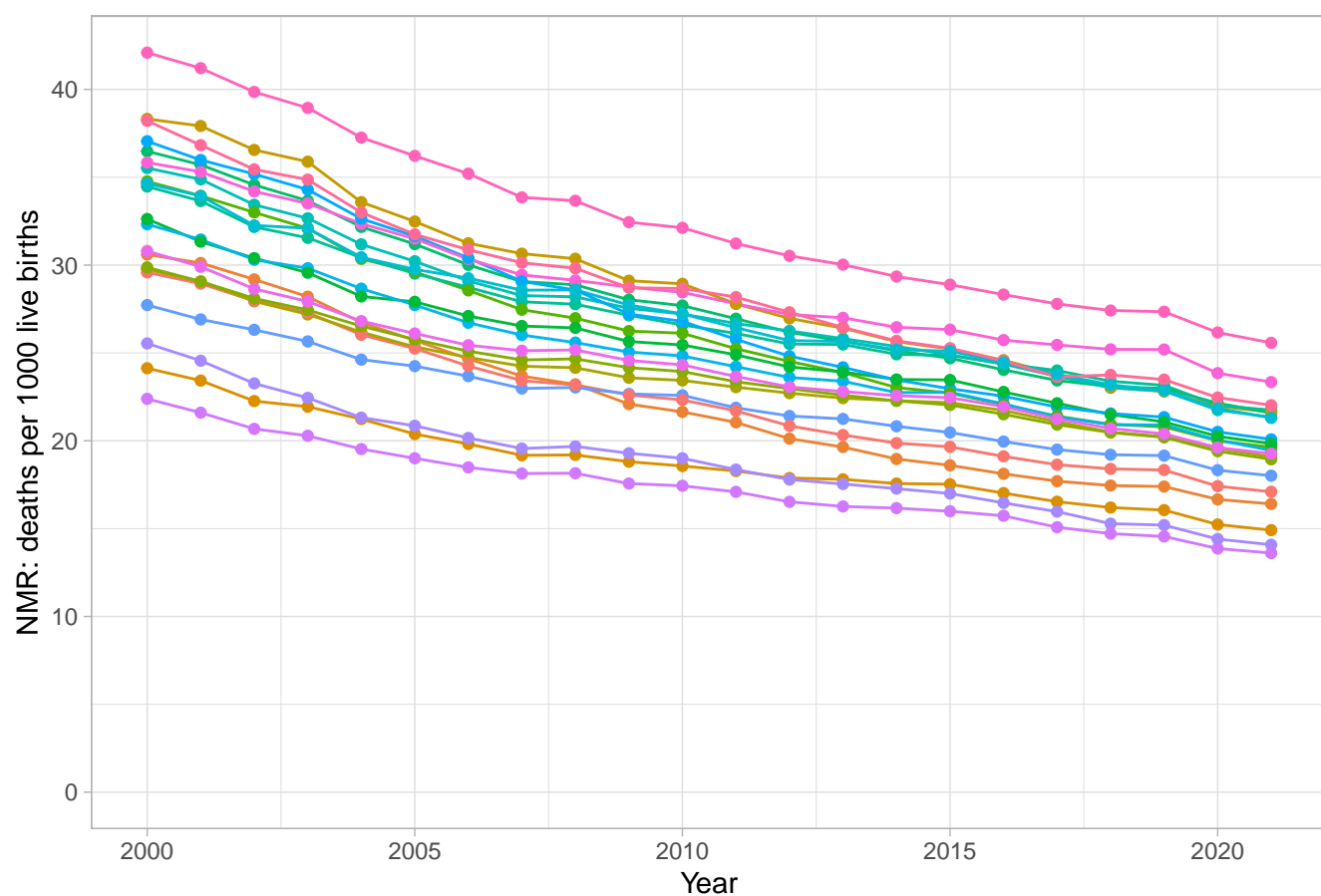


### 3.2 Admin 2 Figures



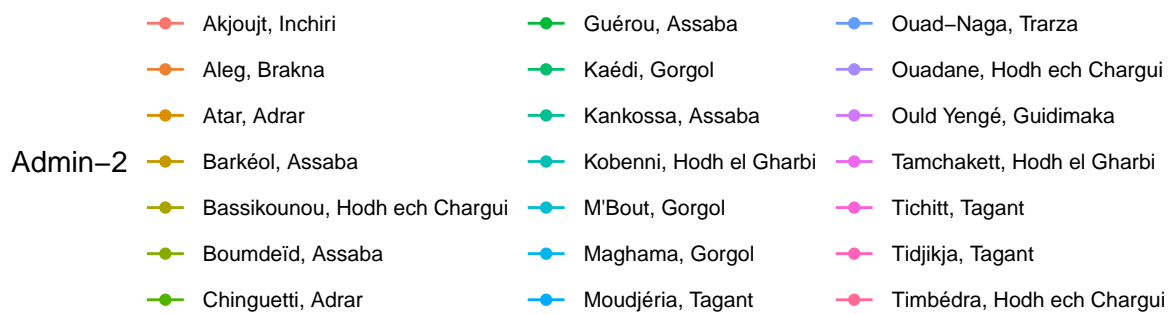
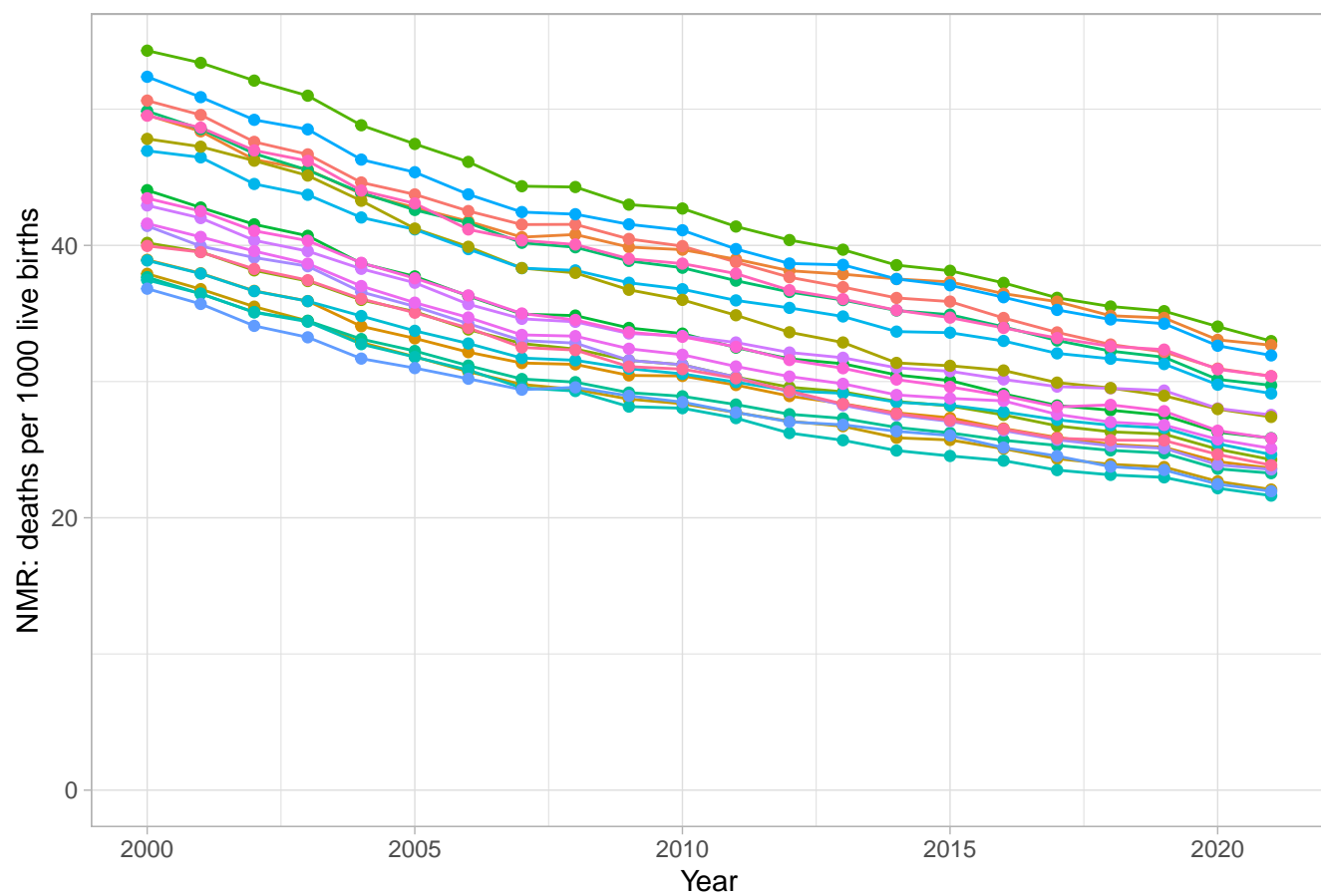
Figure 5: NMR (left) and U5MR (right) results in 2000, 2010, 2015, and 2021 from the Admin-2 BB8 model.

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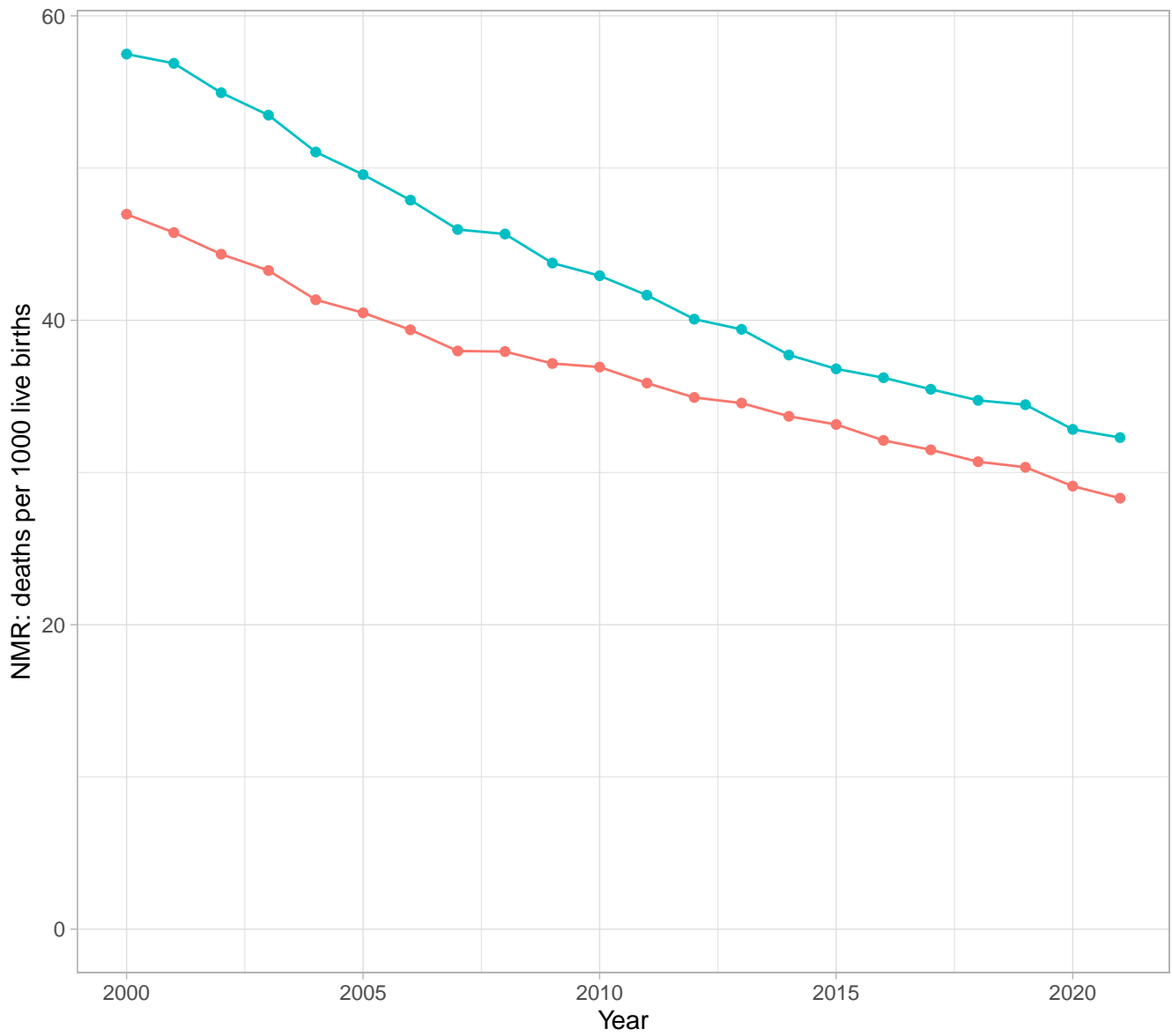




## Mauritania

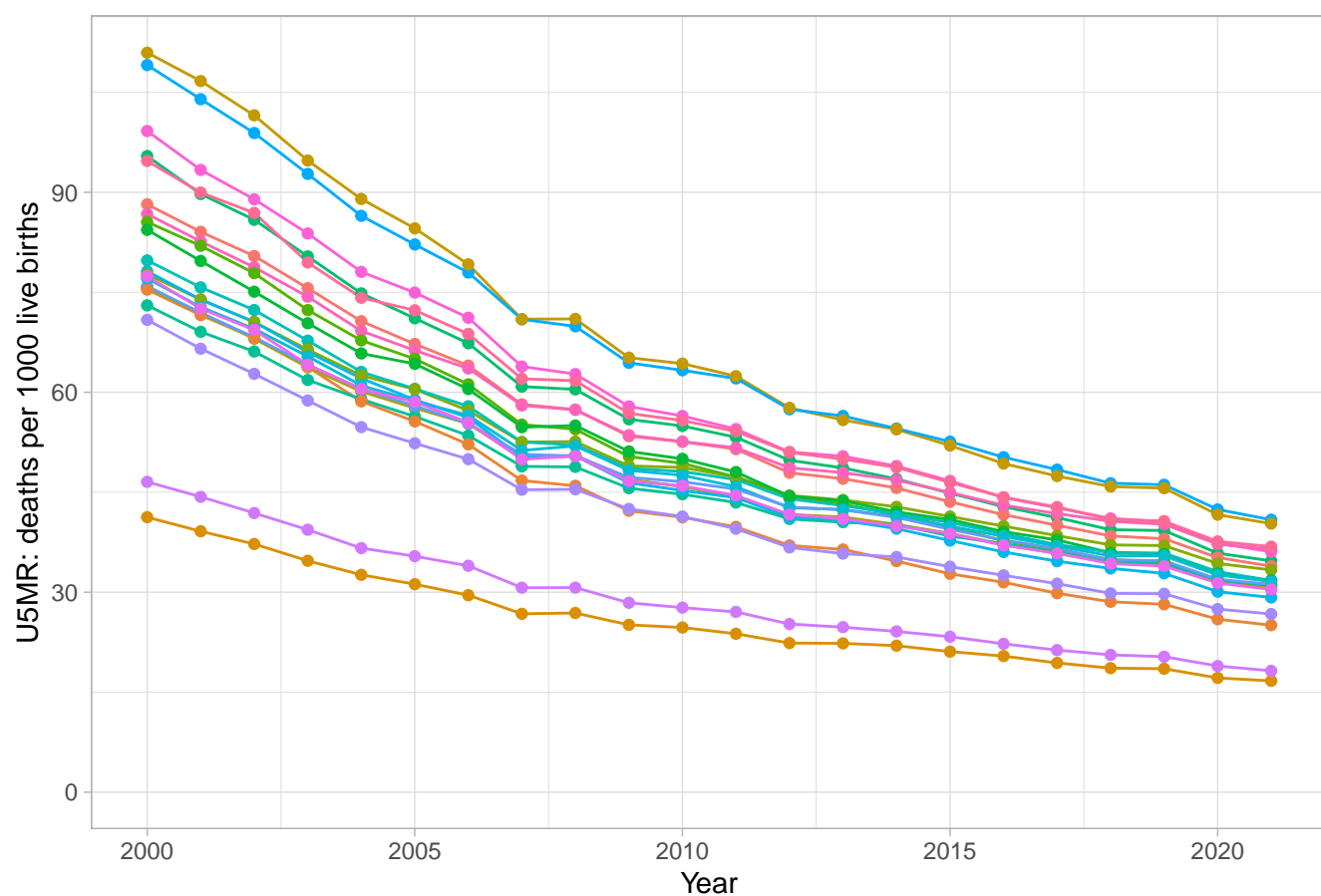


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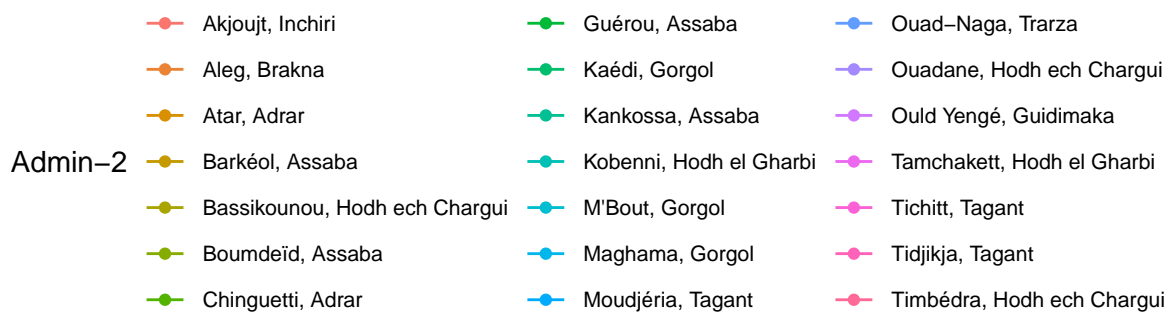
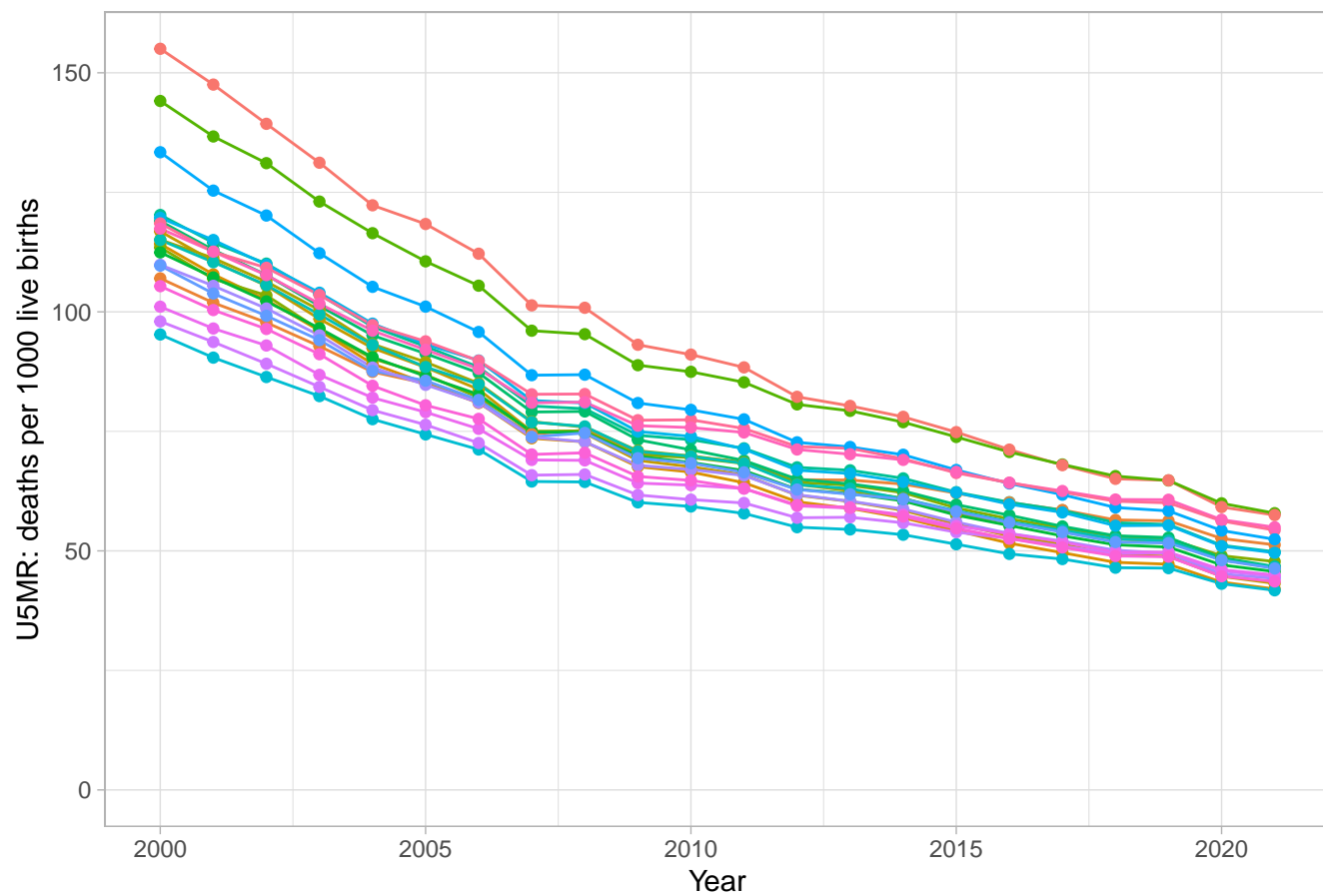


Admin-2    Aoujeft, Adrar    Djiguenni, Hodh ech Chargui

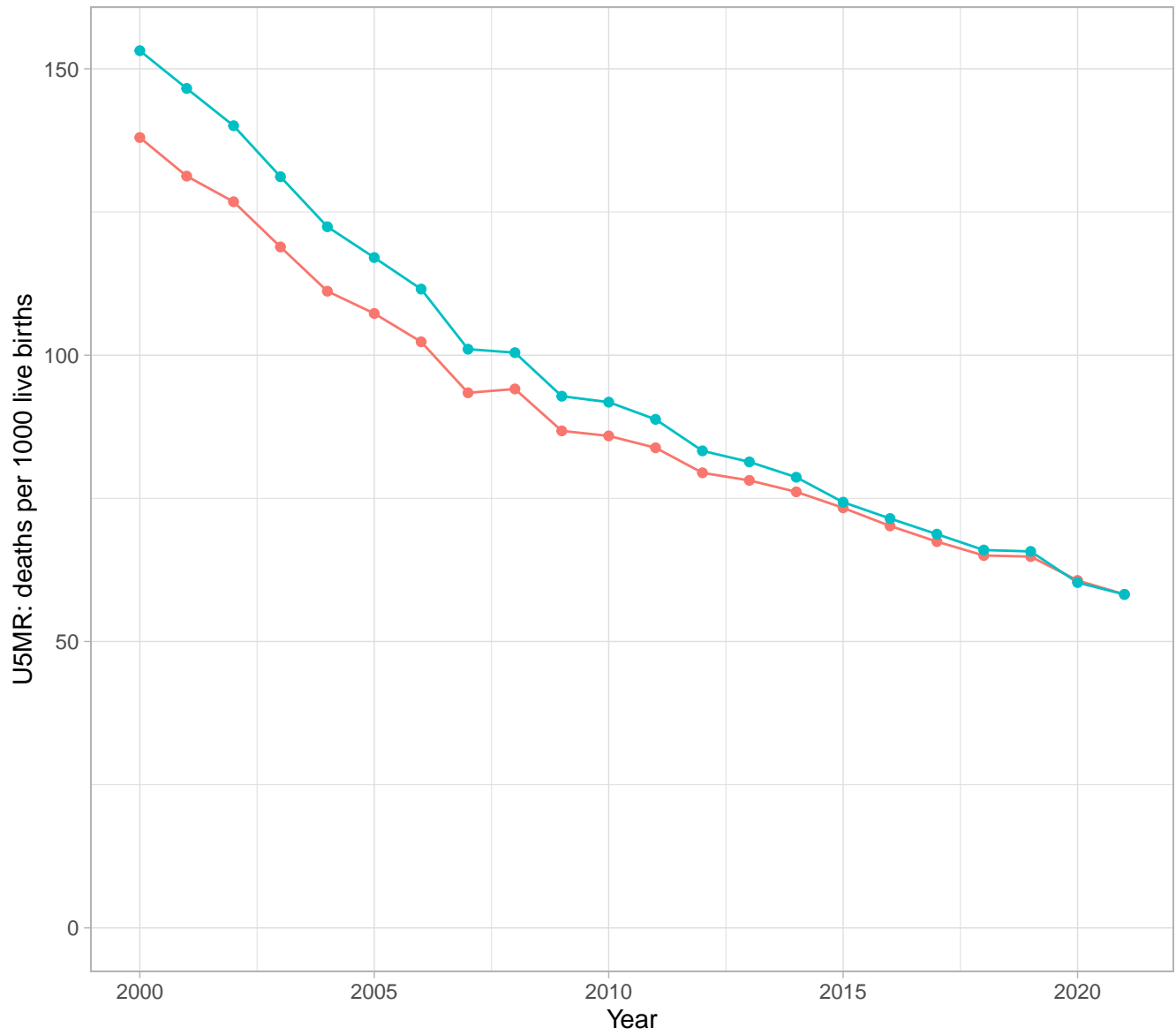
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