<p style="text-align:center">Country Summary: Mauritania</p>

Contents

1 Intro

These estimates are created using a stratified 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.

Age	urban	rural
0	(24.4,34.1)	(24.8,34.2)
1-11	(1.1,1.7)	(1.2,1.7)
12-23	(0.3,0.5)	(0.3,0.5)
24-35	(0.4,0.6)	(0.4,0.6)
36-47	(0.1,0.3)	(0.1,0.3)
48-59	(0.1,0.2)	(0.1,0.2)

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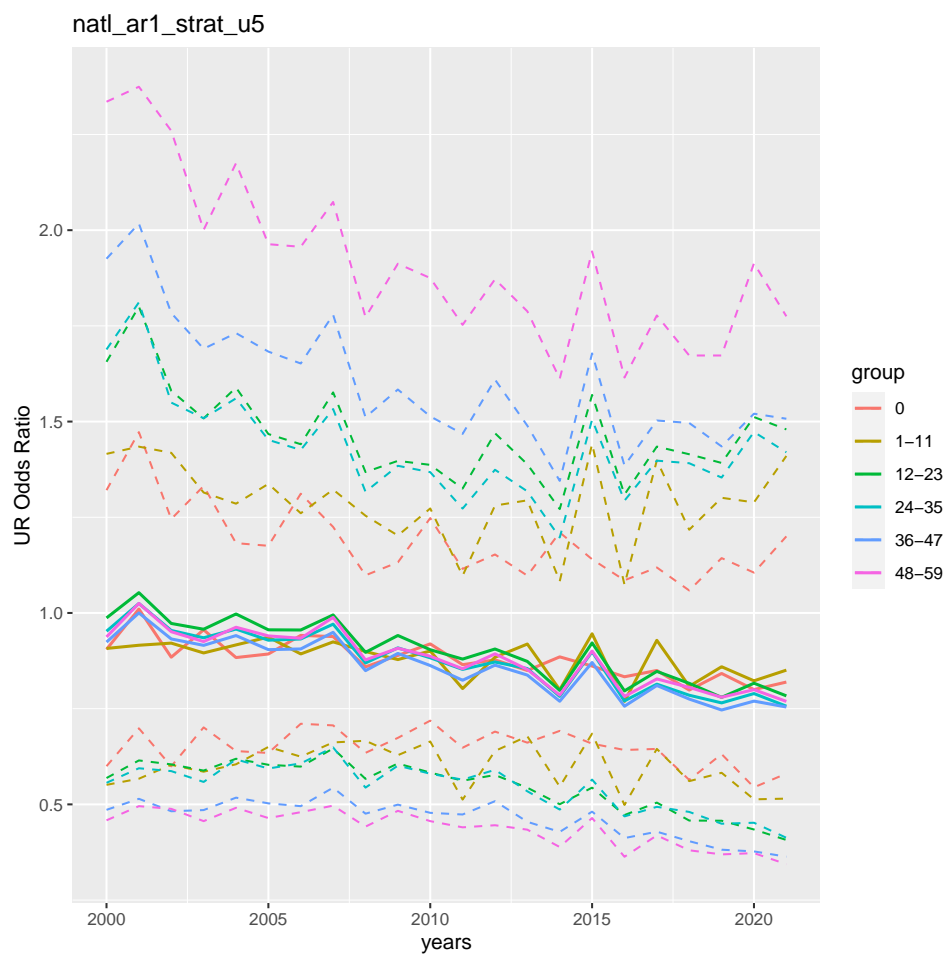
2.2 Figures

natl_ar1_strat_u5

Figure 1: Urban rural odds ratio from stratified national model.
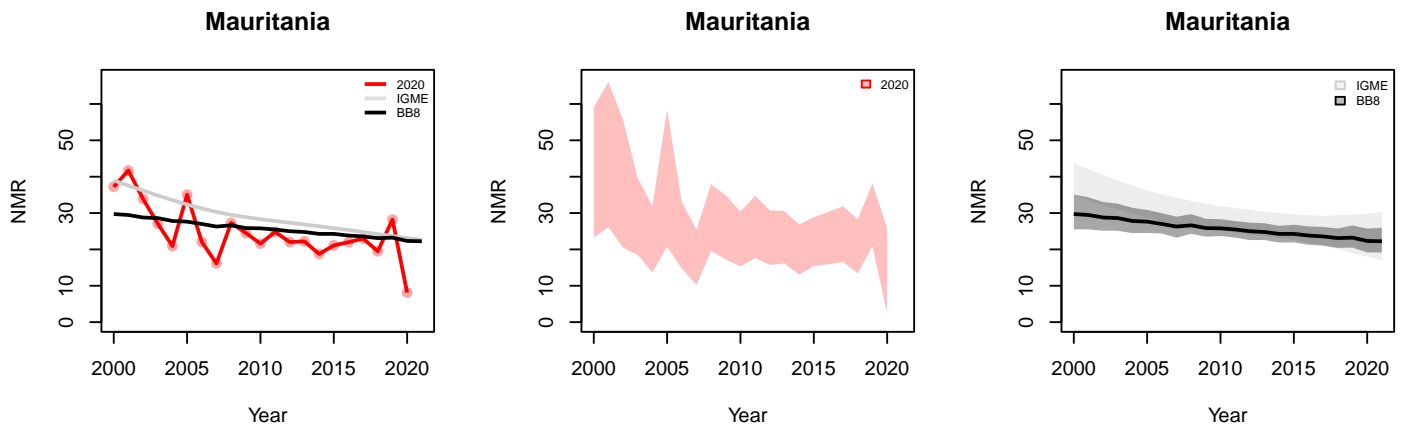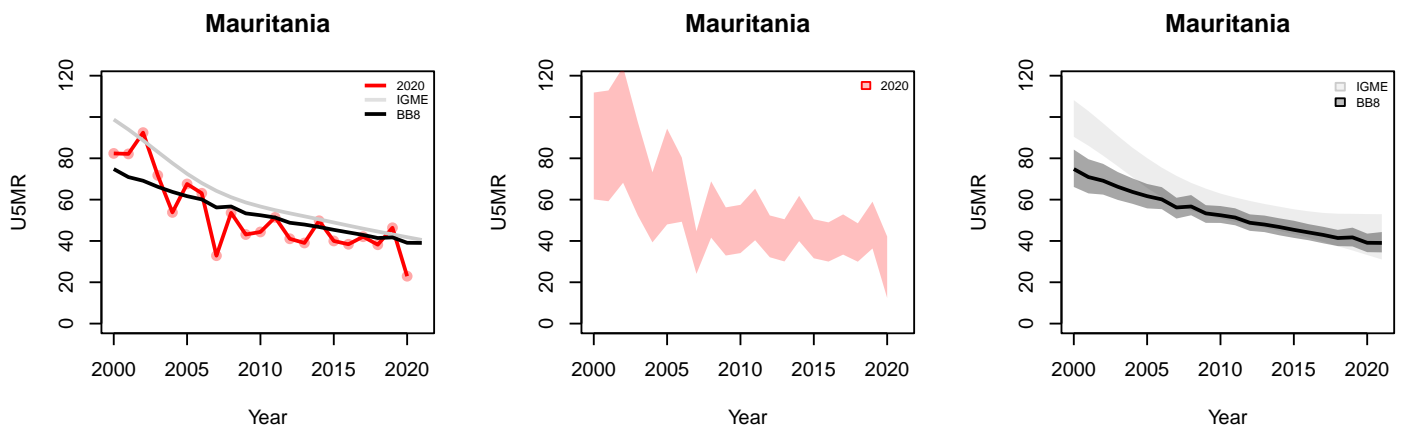
Figure 2: NMR results from the national BB8 model.

Figure 3: U5MR results from the national BB8 model.
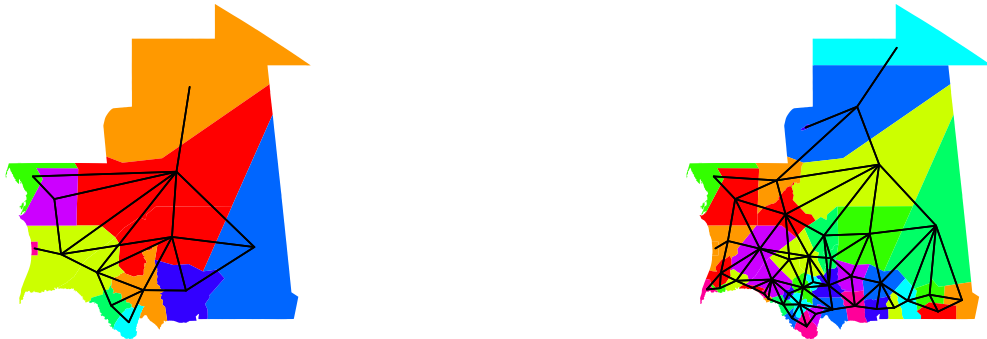
3 Subnational Results

Figure 4: Top: The neighborhood structure of Admin 1 areas. Bottom: The neighborhood structure of Admin 2 areas.
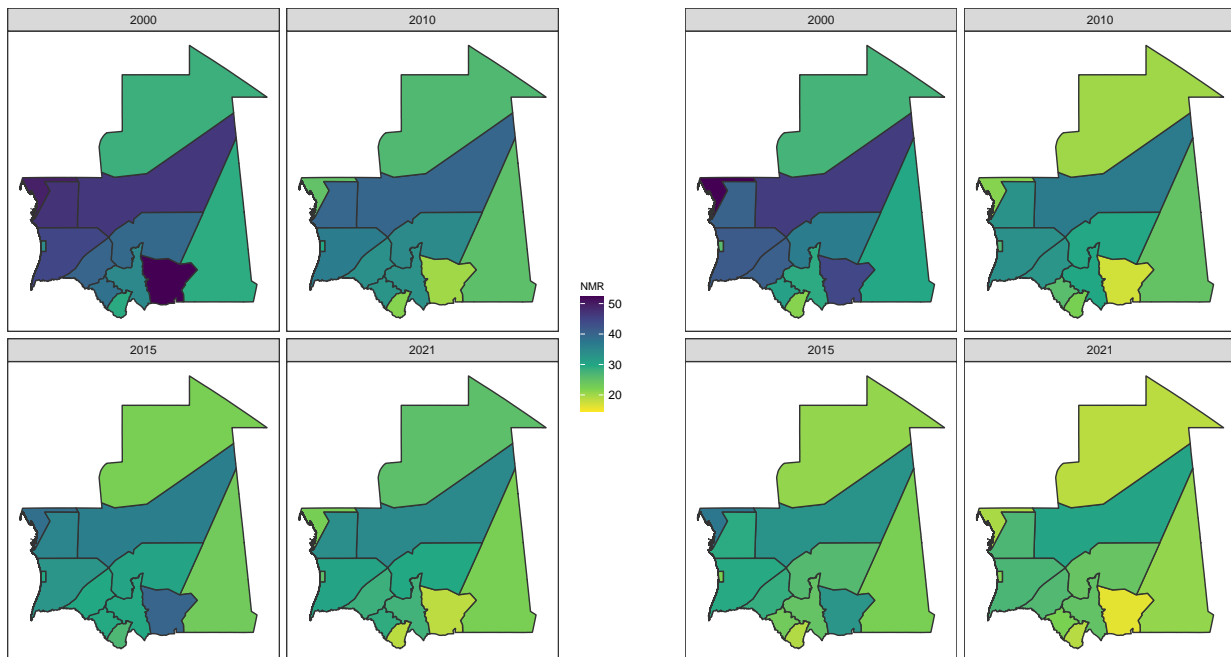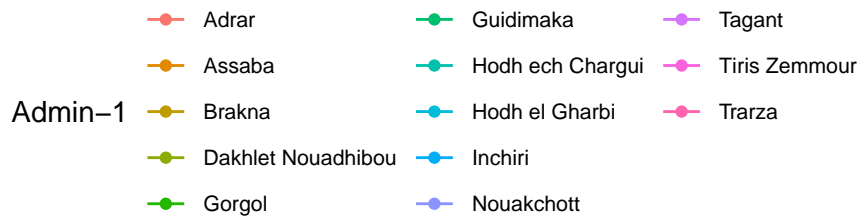
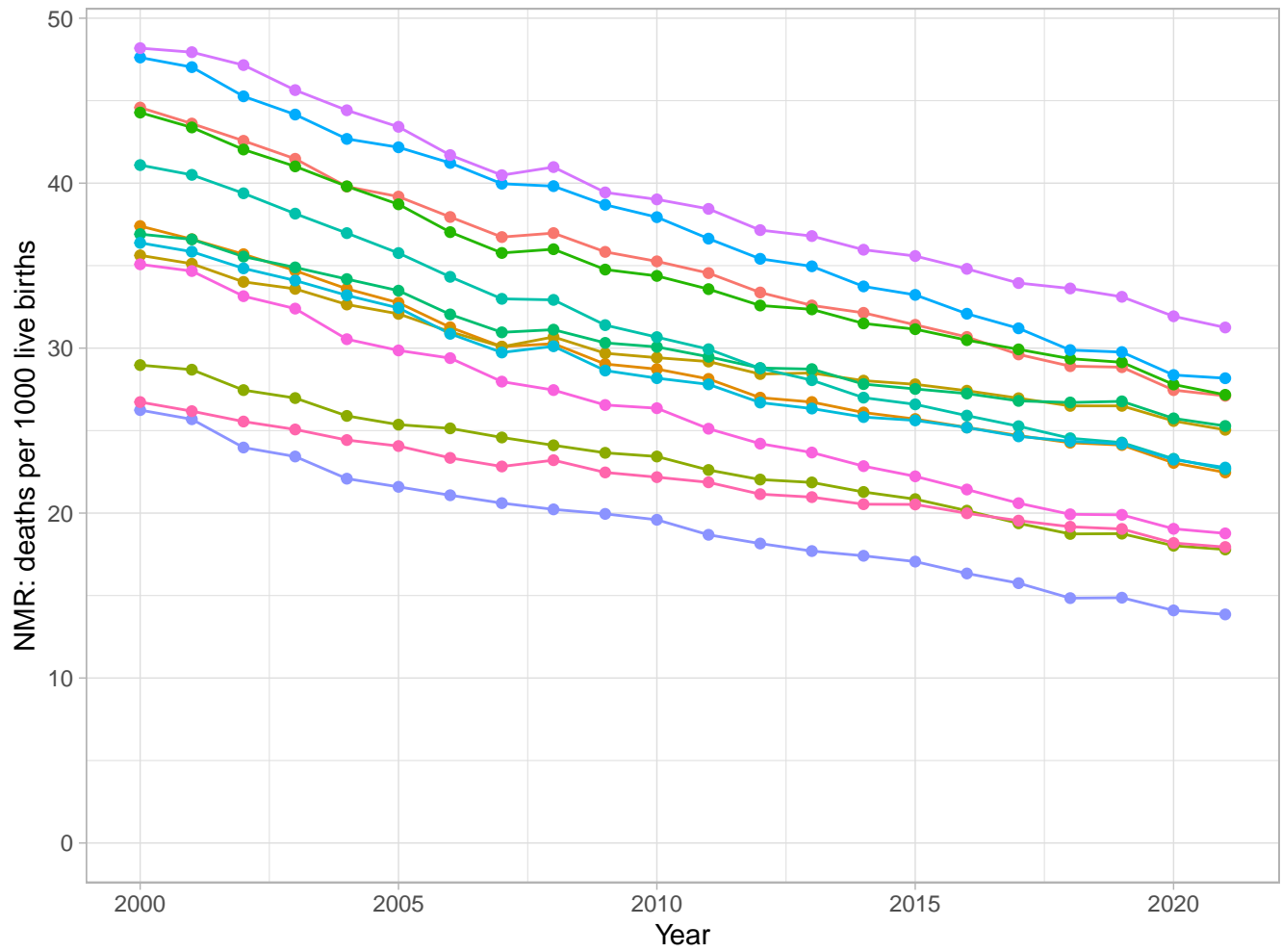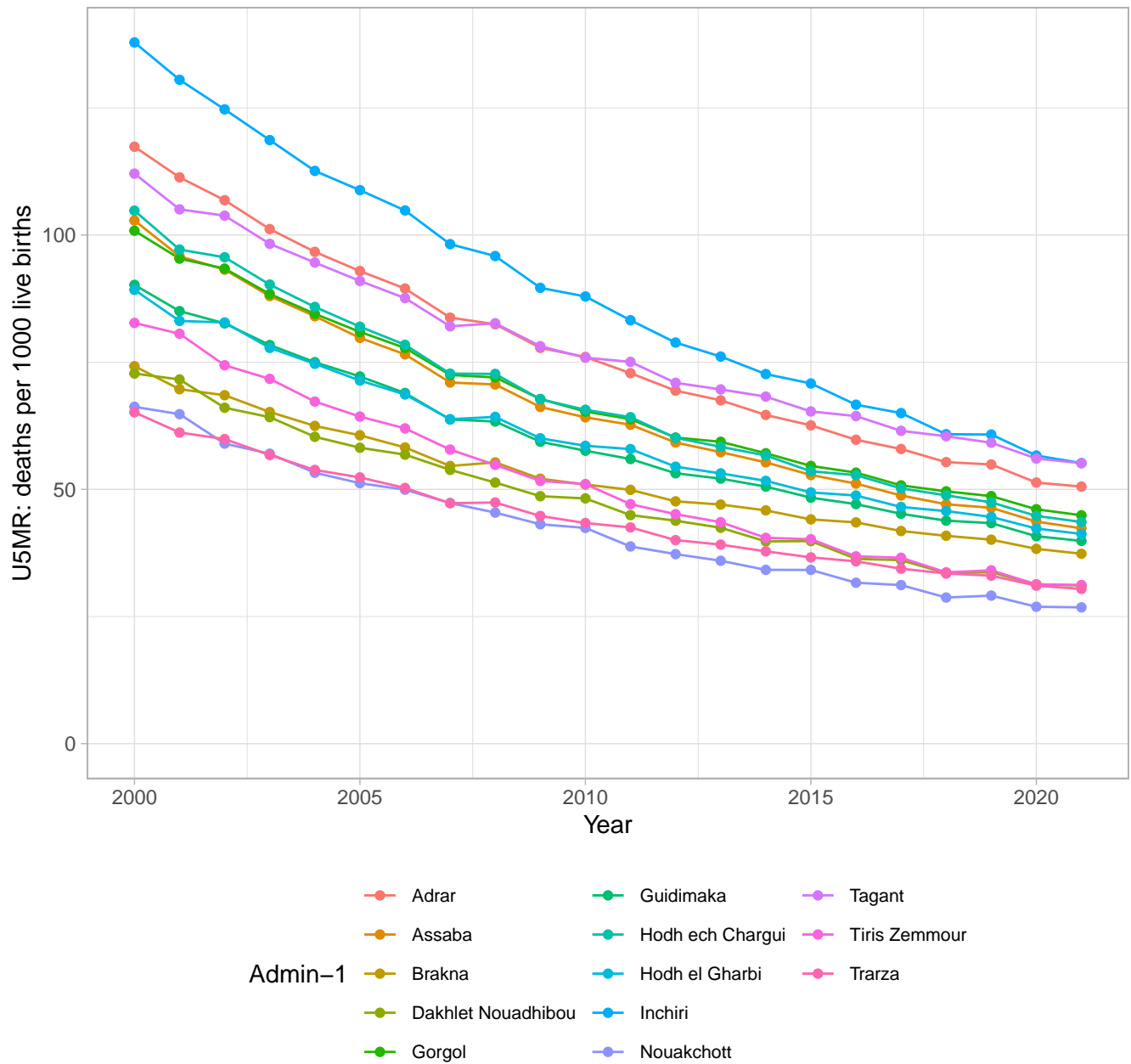## 3.1 Admin 1 Figures

Figure 5: NMR (left) and U5MR (right) results in 2000, 2010, 2015, and 2021 from the Admin-1 BB8 model.

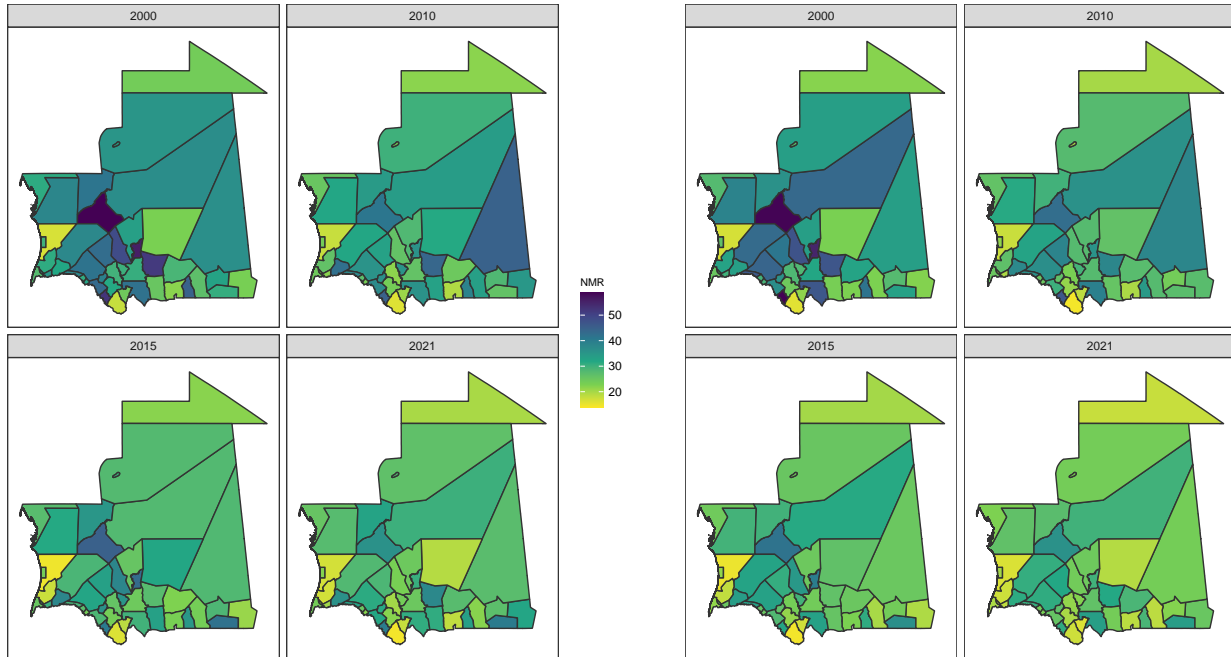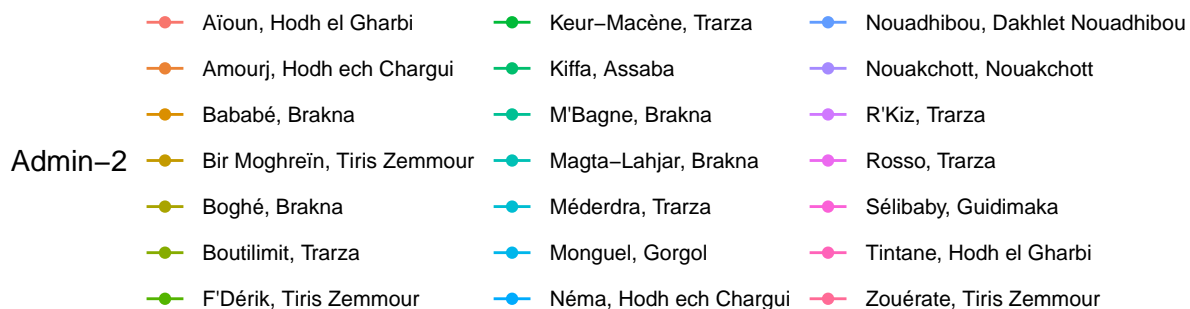# Mauritania

Mauritania

3.2 Admin 2 Figures

Figure 6: NMR (left) and U5MR (right) results in 2000, 2010, 2015, and 2021 from the Admin-2 BB8 model.

Mauritania

Admin-2
- Aïoun, Hodh el Gharbi
- Amourj, Hodh ech Chargui
- Bababé, Brakna
- Bir Moghreïn, Tiris Zemmour
- Boghé, Brakna
- Boutilimit, Trarza
- F'Dérik, Tiris Zemmour
- Keur–Macène, Trarza
- Kiffa, Assaba
- M'Bagne, Brakna
- Magta–Lahjar, Brakna
- Méderdra, Trarza
- Monguel, Gorgol
- Néma, Hodh ech Chargui
- Nouadhibou, Dakhlet Nouadhibou
- Nouakchott, Nouakchott
- R'Kiz, Trarza
- Rosso, Trarza
- Sélibaby, Guidimaka
- Tintane, Hodh el Gharbi
- Zouérate, Tiris Zemmour
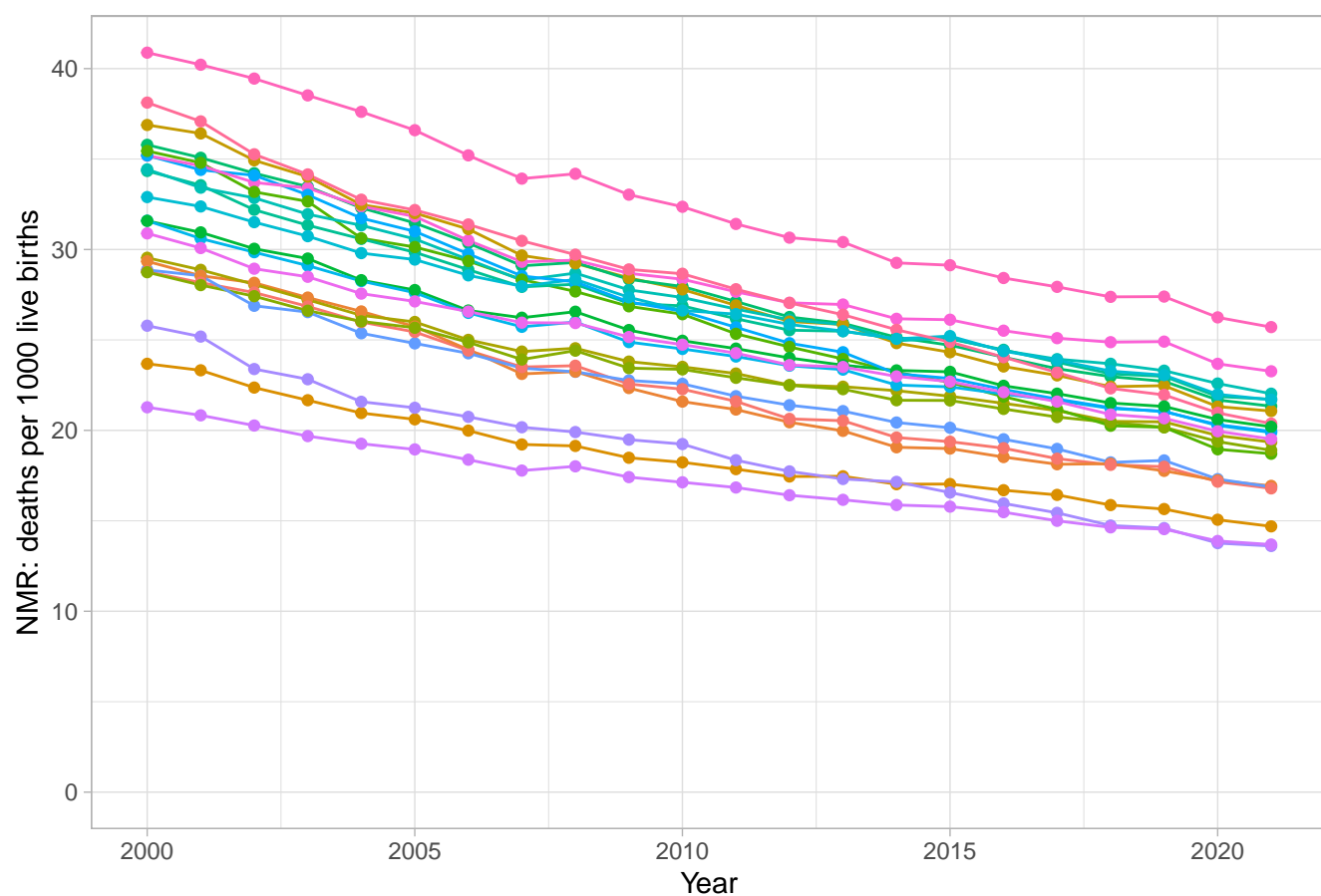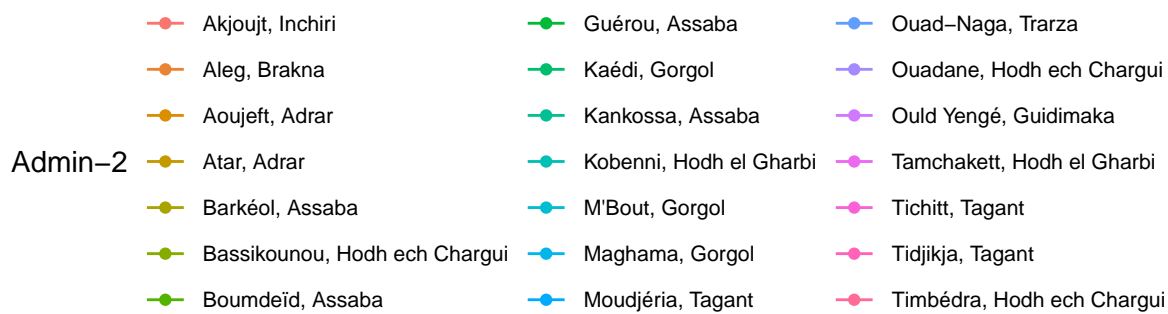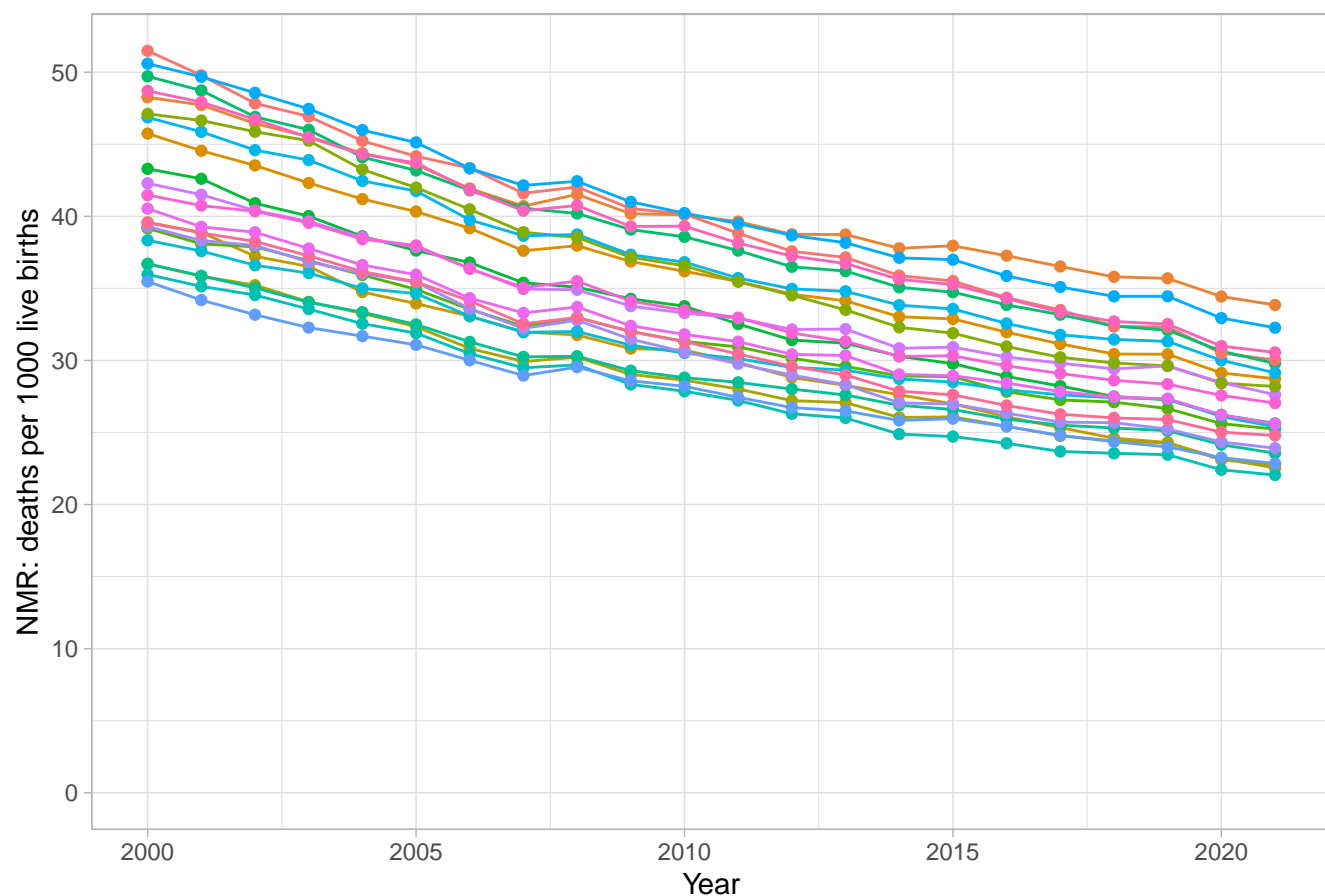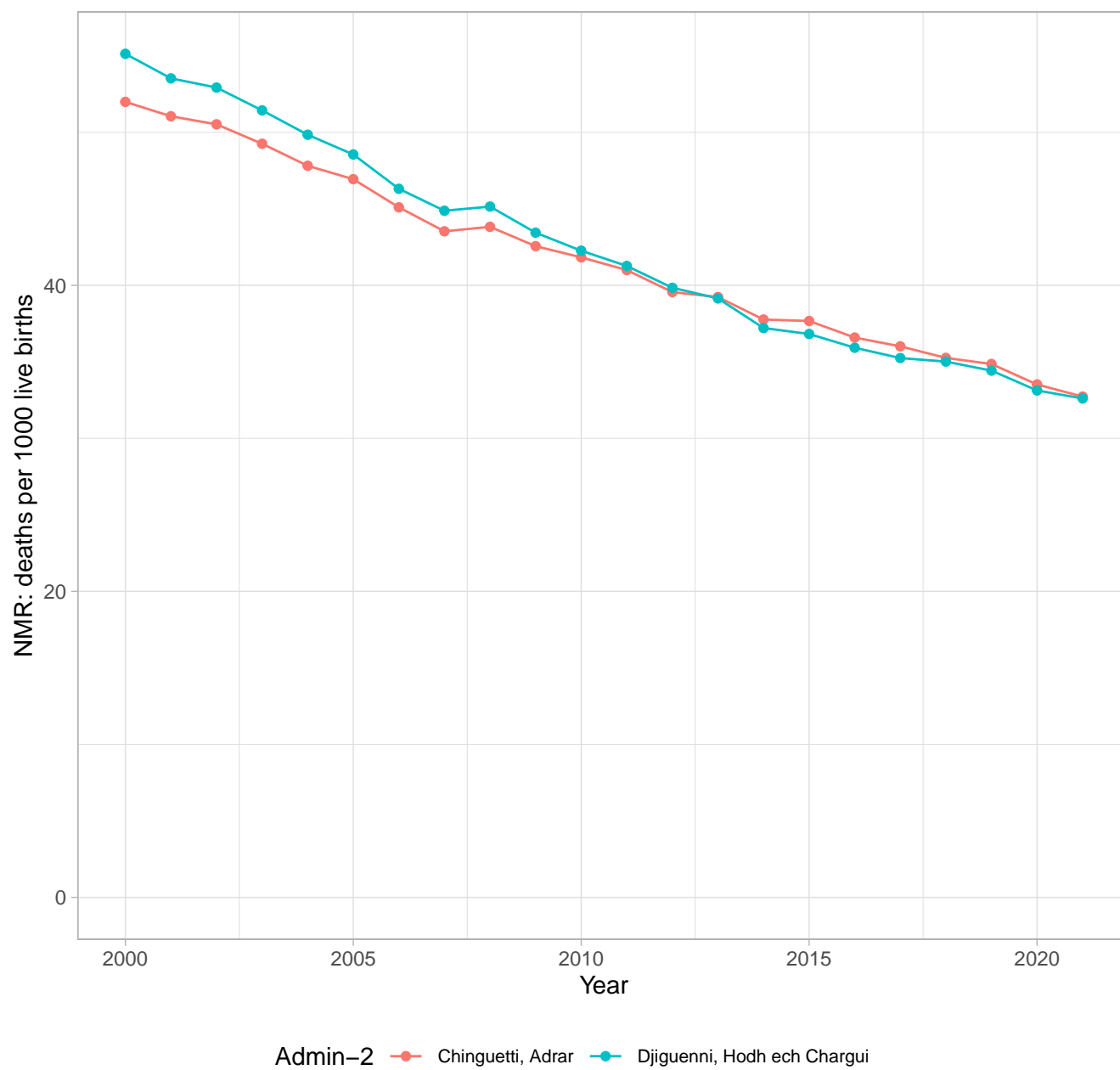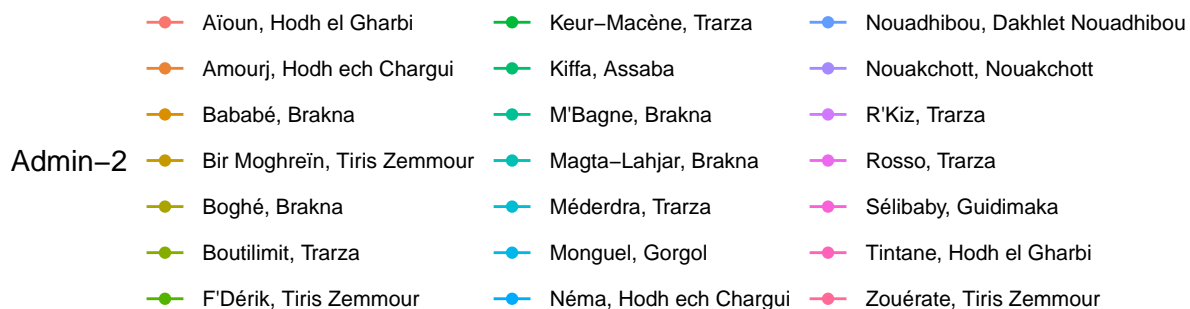
Mauritania

Admin-2

Akjoujt, Inchiri
Aleg, Brakna
Aoujeft, Adrar
Atar, Adrar
Barkéol, Assaba
Bassikounou, Hodh ech Chargui
Boumdeïd, Assaba

Guérou, Assaba
Kaédi, Gorgol
Kankossa, Assaba
Kobenni, Hodh el Gharbi
M'Bout, Gorgol
Maghama, Gorgol
Moudjéria, Tagant

Ouad-Naga, Trarza
Ouadane, Hodh ech Chargui
Ould Yengé, Guidimaka
Tamchakett, Hodh el Gharbi
Tichitt, Tagant
Tidjikja, Tagant
Timbédra, Hodh ech Chargui

Mauritania

Mauritania

Legend — Admin-2:
- Aïoun, Hodh el Gharbi
- Amourj, Hodh ech Chargui
- Bababé, Brakna
- Bir Moghreïn, Tiris Zemmour
- Boghé, Brakna
- Boutilimit, Trarza
- F'Dérik, Tiris Zemmour
- Keur−Macène, Trarza
- Kiffa, Assaba
- M'Bagne, Brakna
- Magta−Lahjar, Brakna
- Méderdra, Trarza
- Monguel, Gorgol
- Néma, Hodh ech Chargui
- Nouadhibou, Dakhlet Nouadhibou
- Nouakchott, Nouakchott
- R'Kiz, Trarza
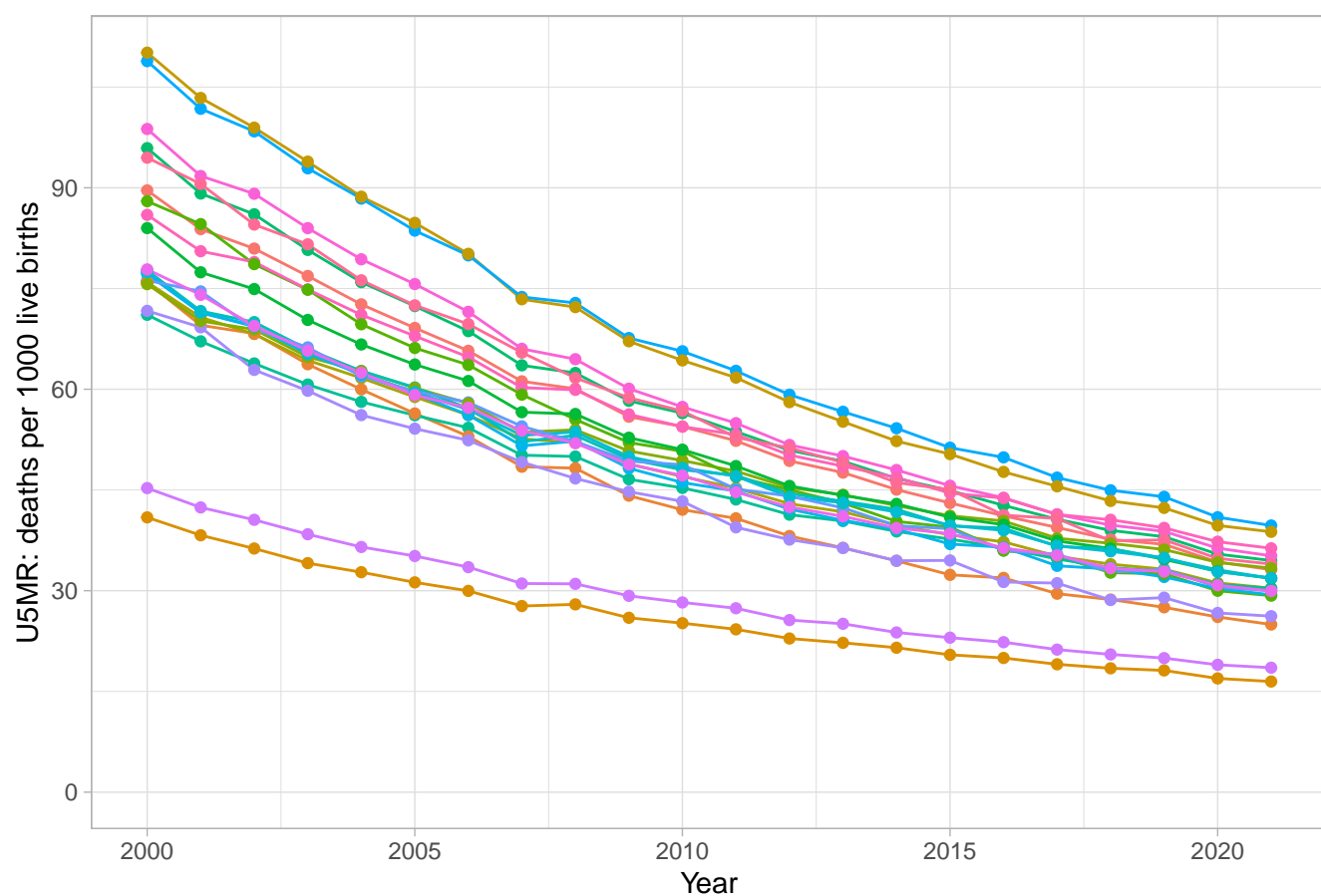- Rosso, Trarza
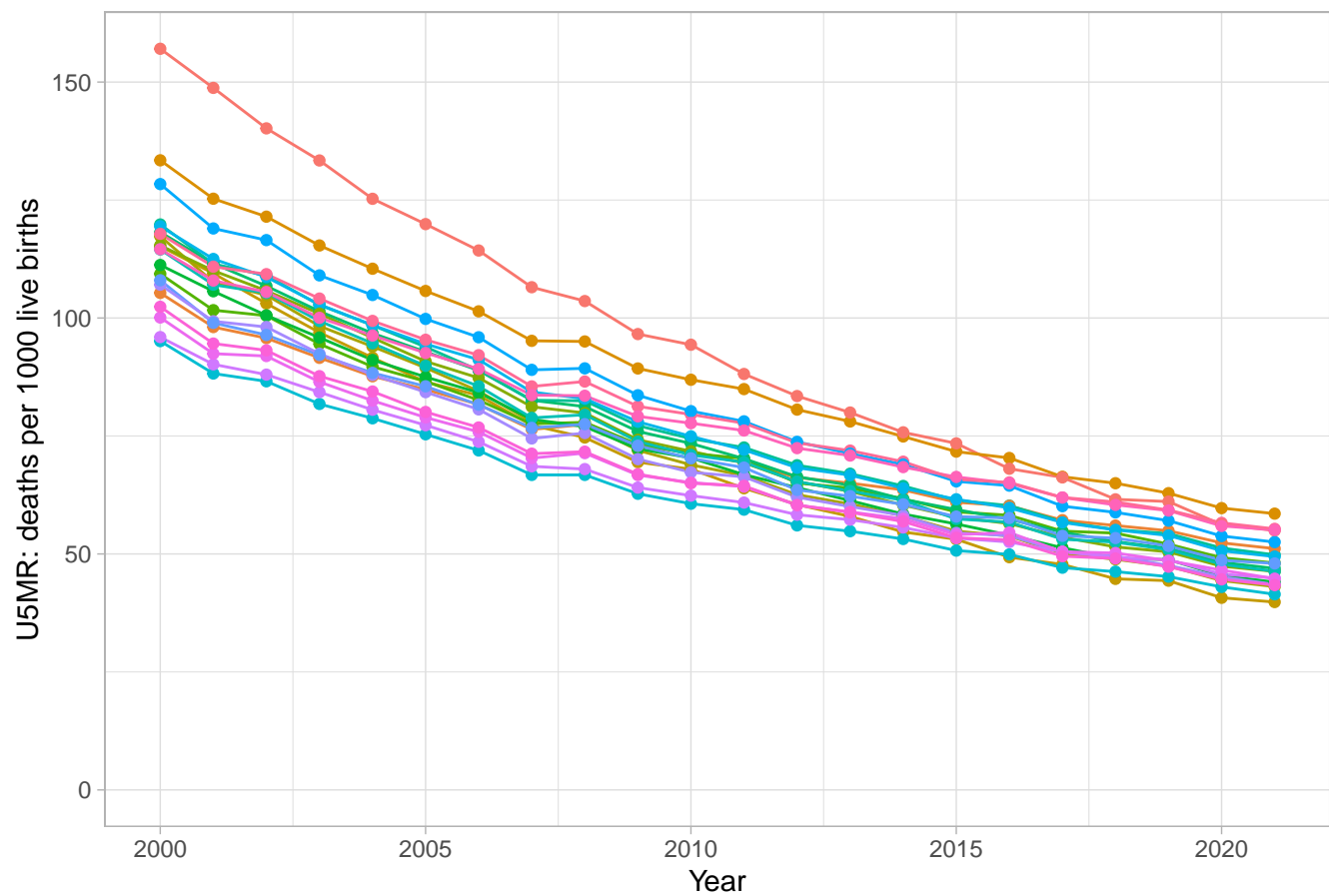- Sélibaby, Guidimaka
- Tintane, Hodh el Gharbi
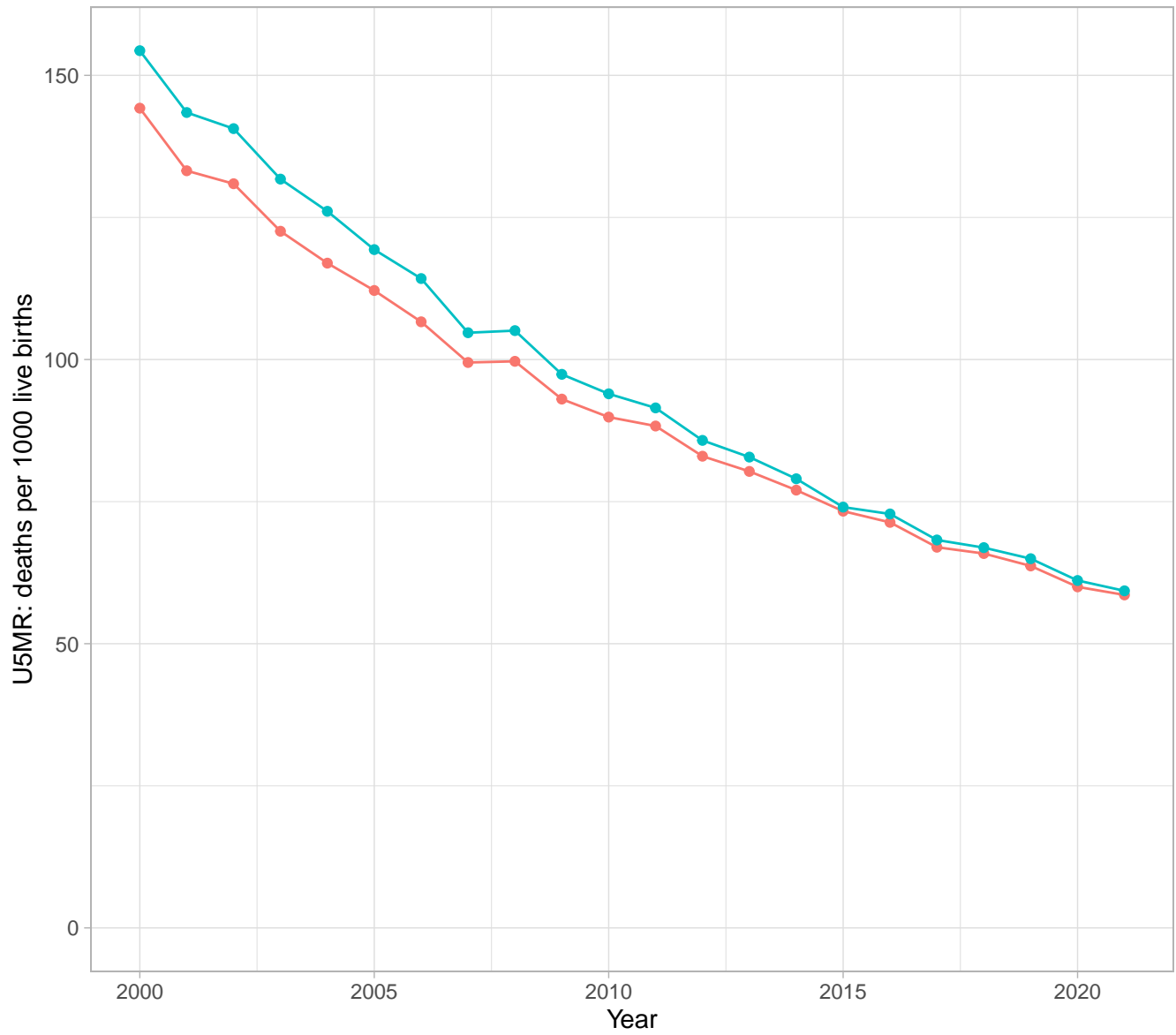- Zouérate, Tiris Zemmour

Mauritania

Admin-2 legend:
- Akjoujt, Inchiri
- Aleg, Brakna
- Aoujeft, Adrar
- Atar, Adrar
- Barkéol, Assaba
- Bassikounou, Hodh ech Chargui
- Boumdeïd, Assaba
- Guérou, Assaba
- Kaédi, Gorgol
- Kankossa, Assaba
- Kobenni, Hodh el Gharbi
- M'Bout, Gorgol
- Maghama, Gorgol
- Moudjéria, Tagant
- Ouad-Naga, Trarza
- Ouadane, Hodh ech Chargui
- Ould Yengé, Guidimaka
- Tamchakett, Hodh el Gharbi
- Tichitt, Tagant
- Tidjikja, Tagant
- Timbédra, Hodh ech Chargui

Mauritania

Y-axis: U5MR: deaths per 1000 live births

X-axis: Year

Admin−2 — Chinguetti, Adrar — Djiguenni, Hodh ech Chargui