

Country Summary: Uganda

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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.

Uganda has 15 Admin 1 areas and 146 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 2016	158	527	685	

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

	Age	No. Deaths	No. Agemonths
DHS 2016			
	0	1193	44106
	1-11	1284	457640
	12-23	603	470360
	24-35	377	445995
	36-47	223	422190
	48-59	127	399247

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

Age	urban	rural
0	(23.3,32)	(21.9,27)
1-11	(1.4,2.1)	(1.9,2.4)
12-23	(0.6,1)	(0.9,1.2)
24-35	(0.3,0.6)	(0.6,0.8)
36-47	(0.2,0.5)	(0.4,0.5)
48-59	(0.1,0.3)	(0.2,0.3)

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 Uganda.

2.2 Figures

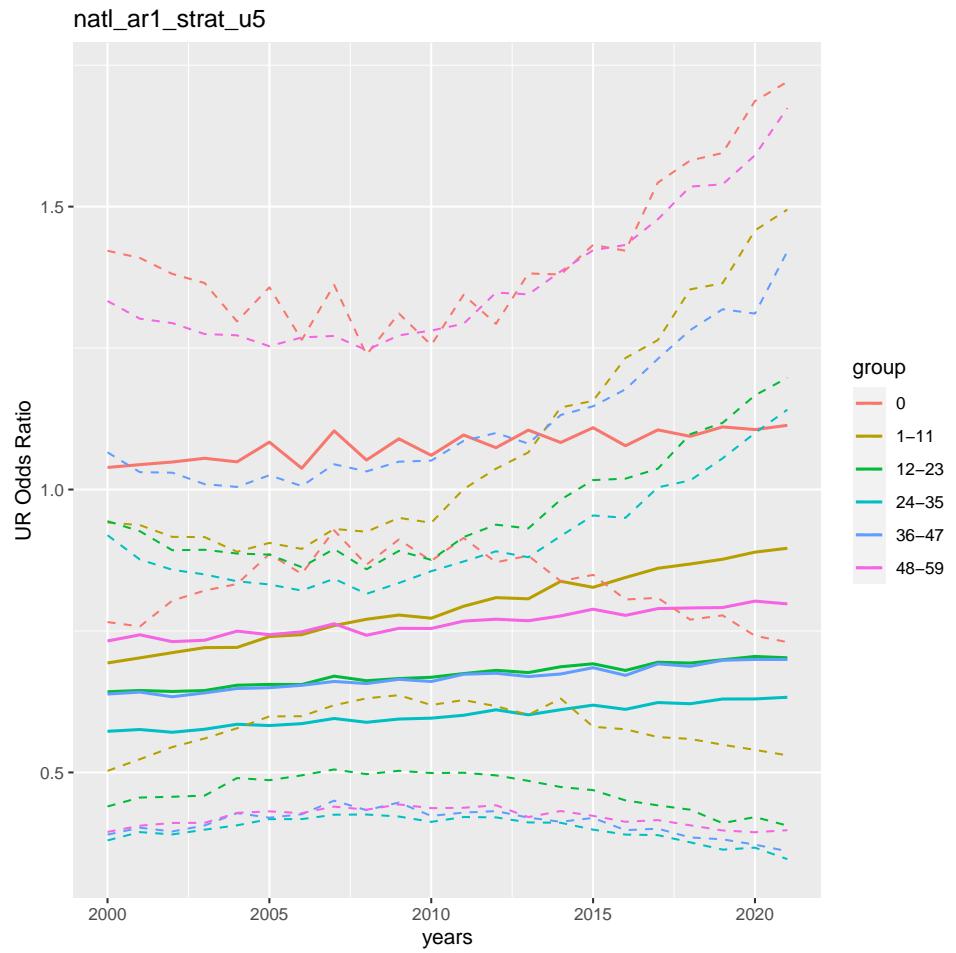


Figure 1: Urban rural odds ratio from stratified national model.

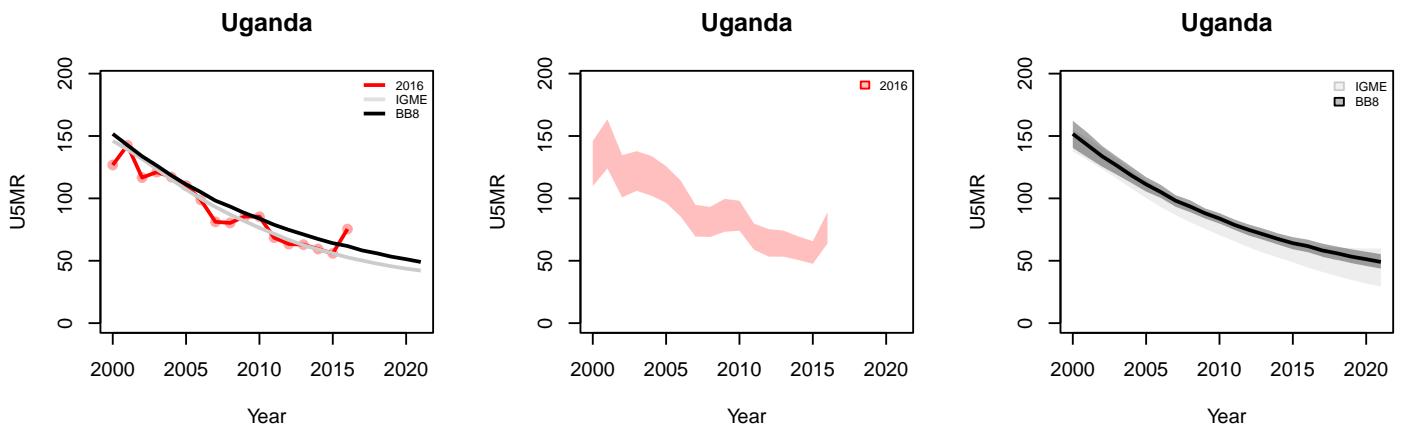


Figure 2: U5MR results from the national BB8 model.

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

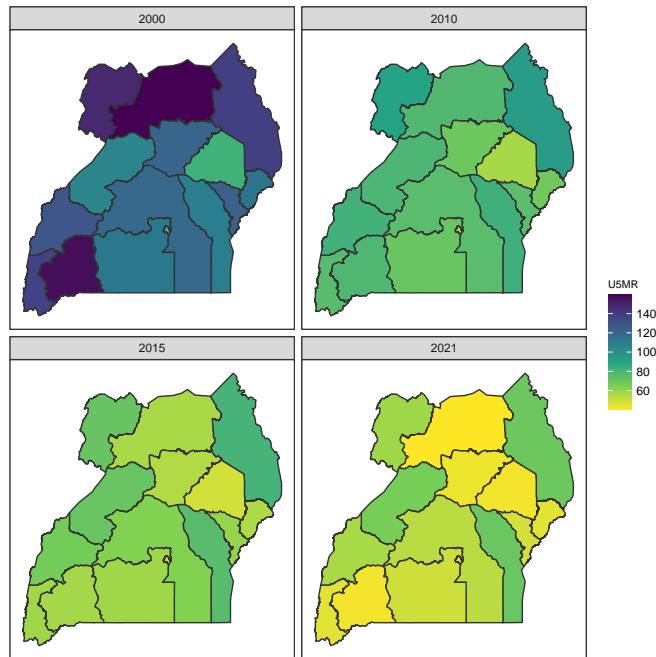
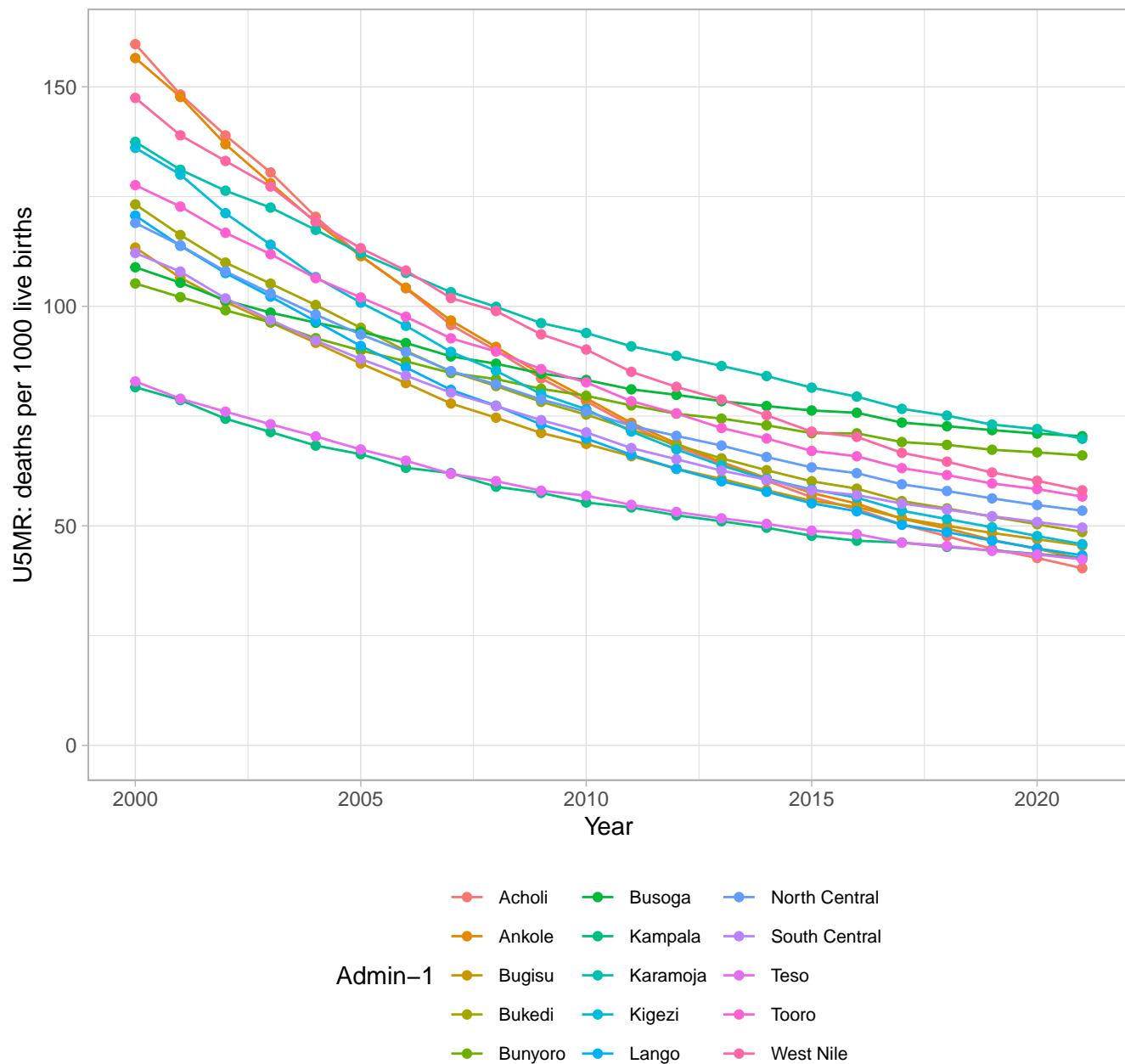


Figure 4: U5MR results in 2000, 2010, 2015, and 2021 from the Admin-1 BB8 model.

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3.2 Admin 2 Figures

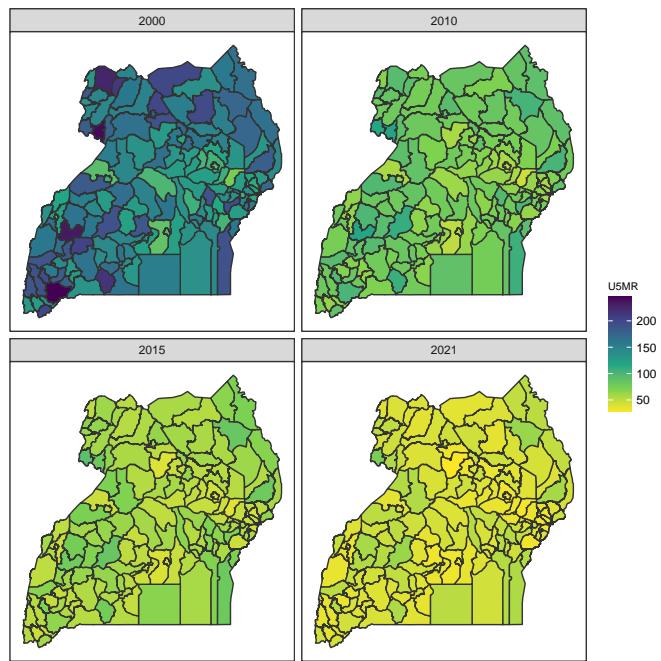
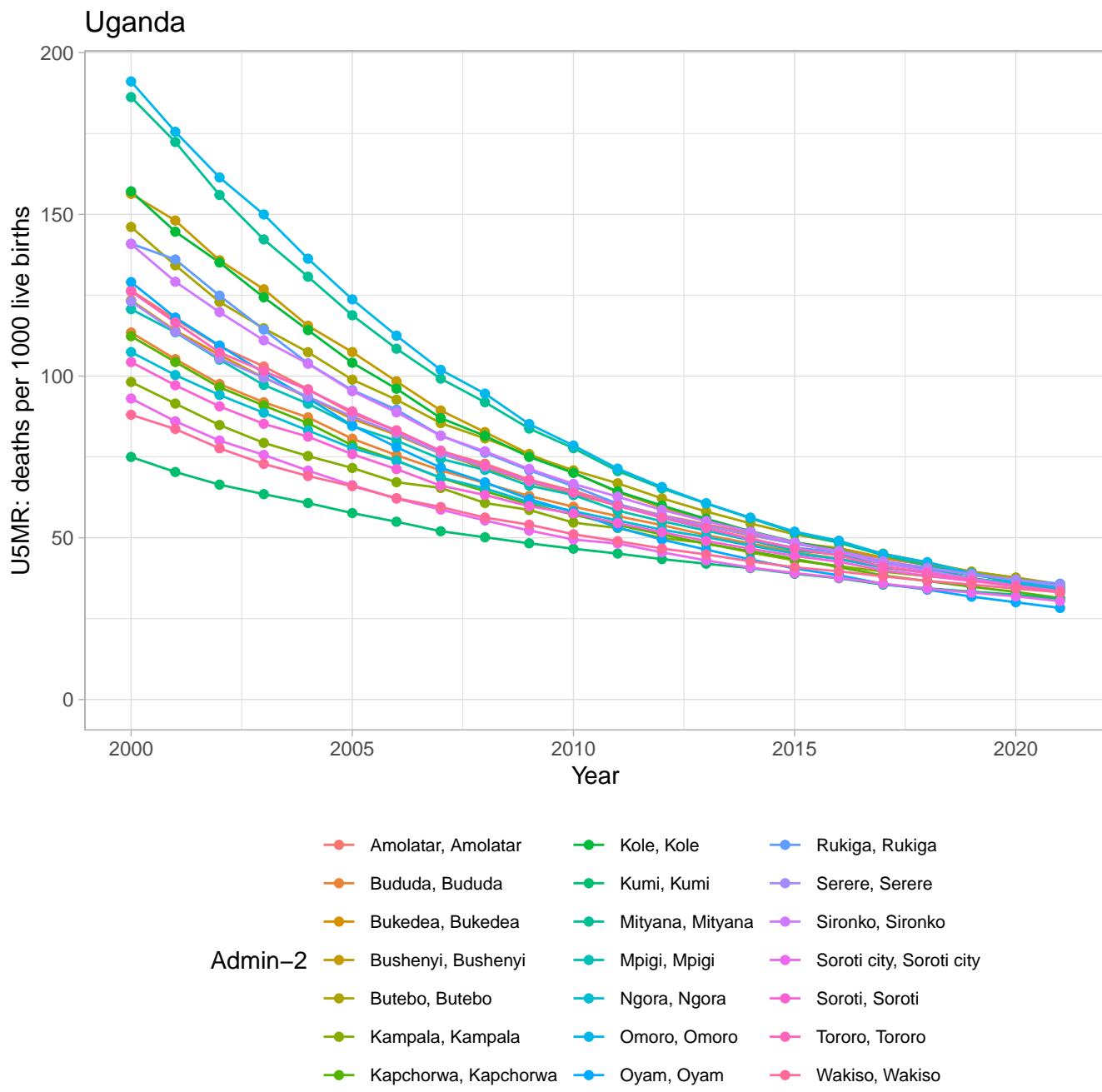
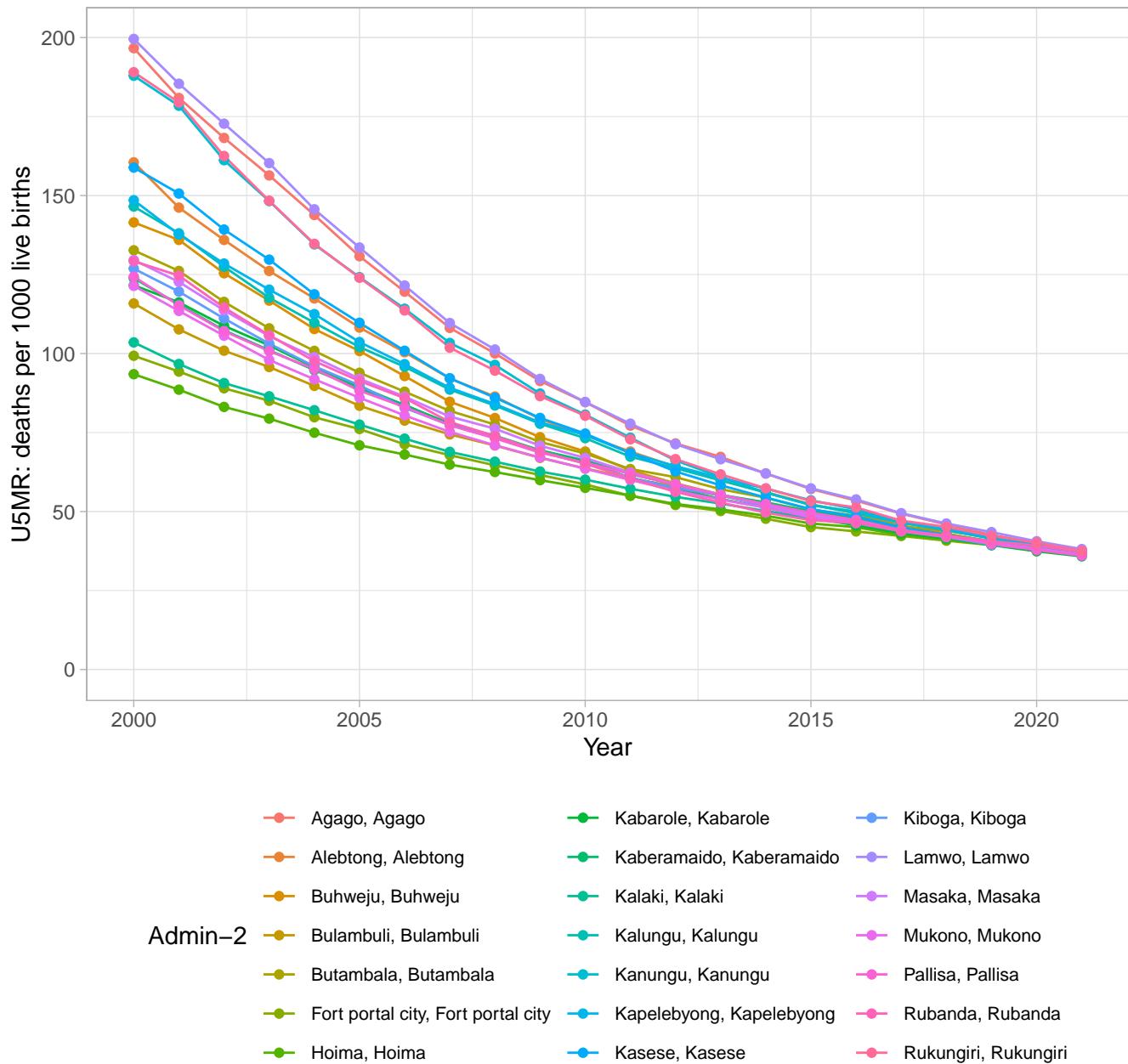


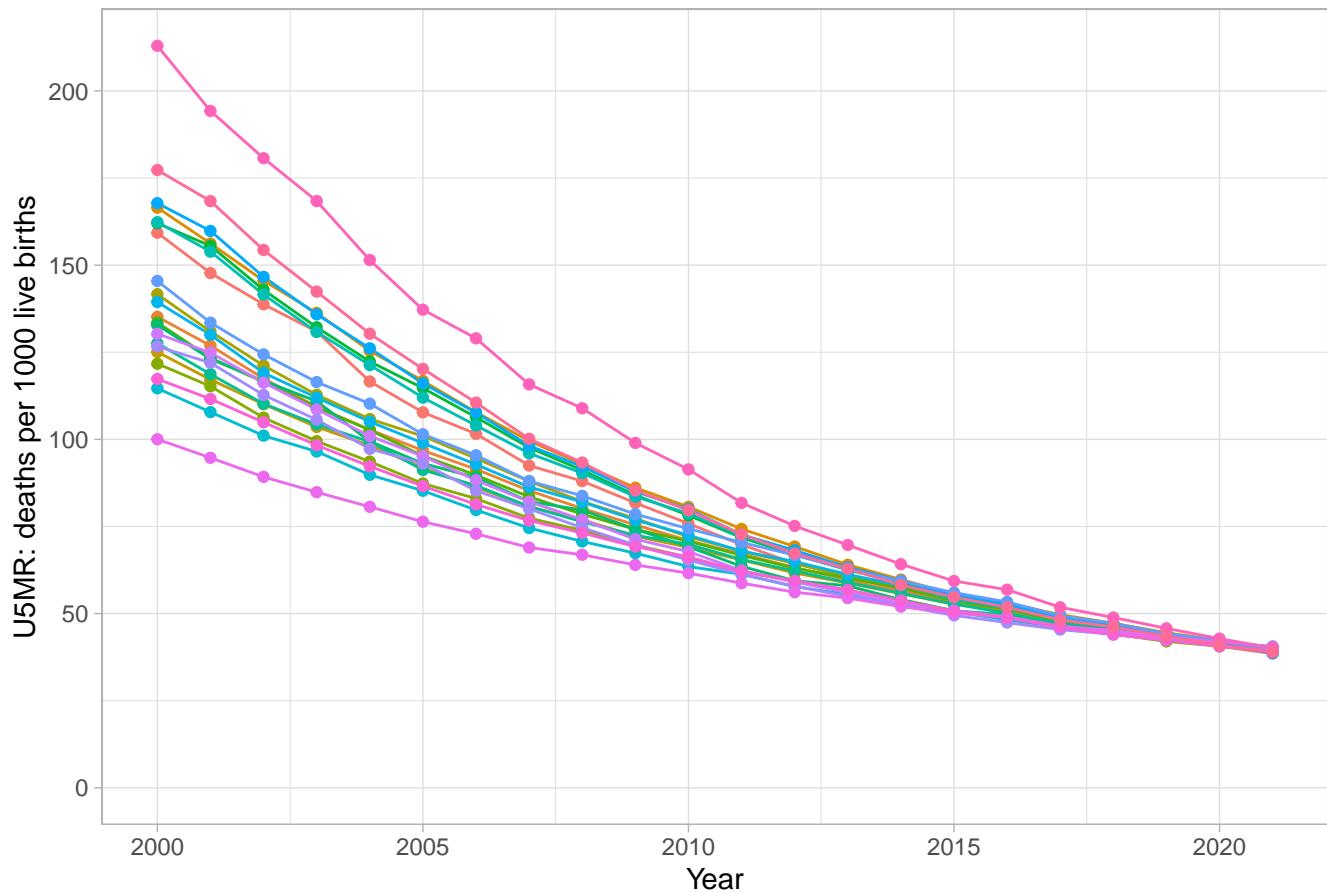
Figure 5: U5MR results in 2000, 2010, 2015, and 2021 from the Admin-2 BB8 model.



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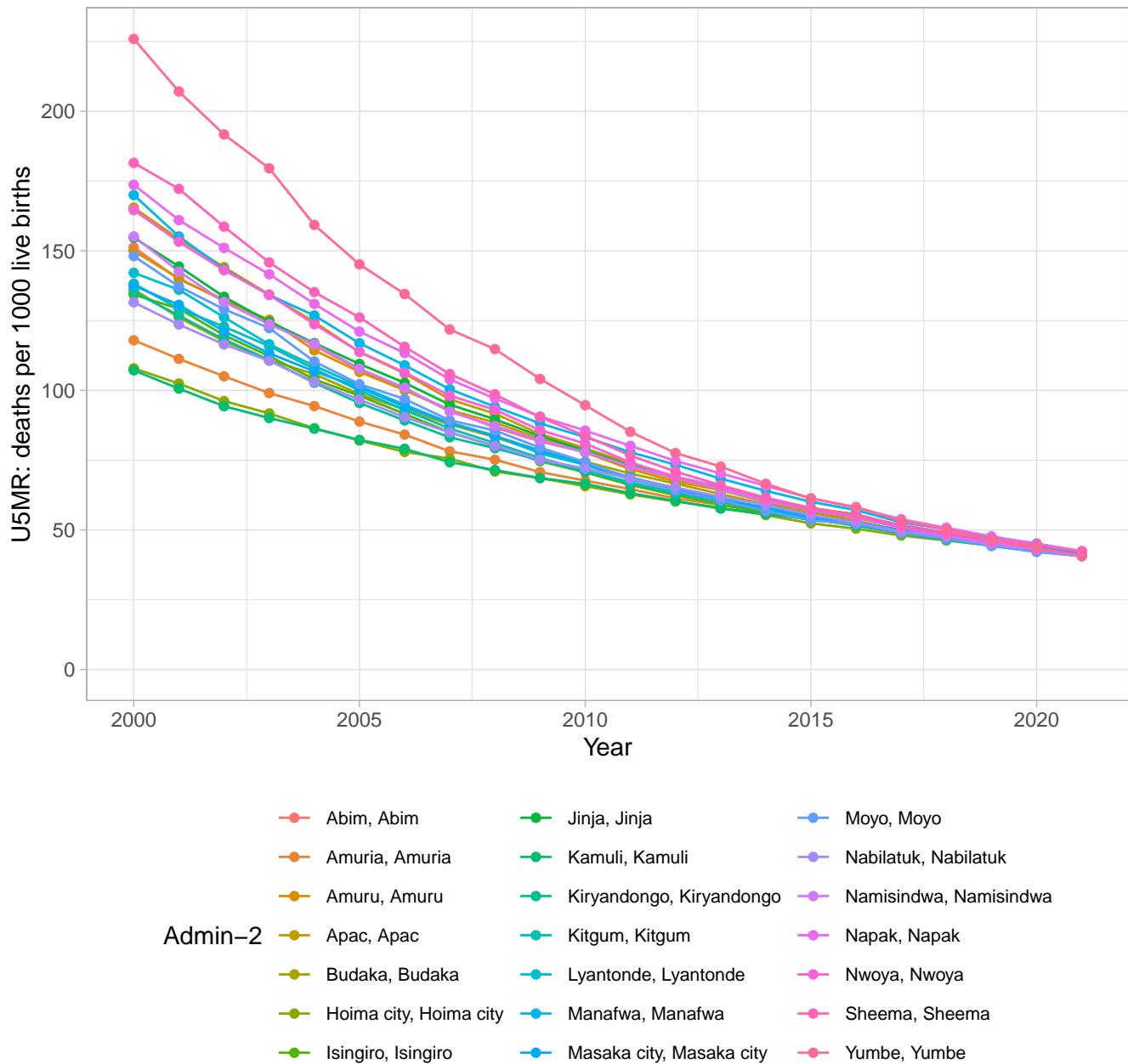


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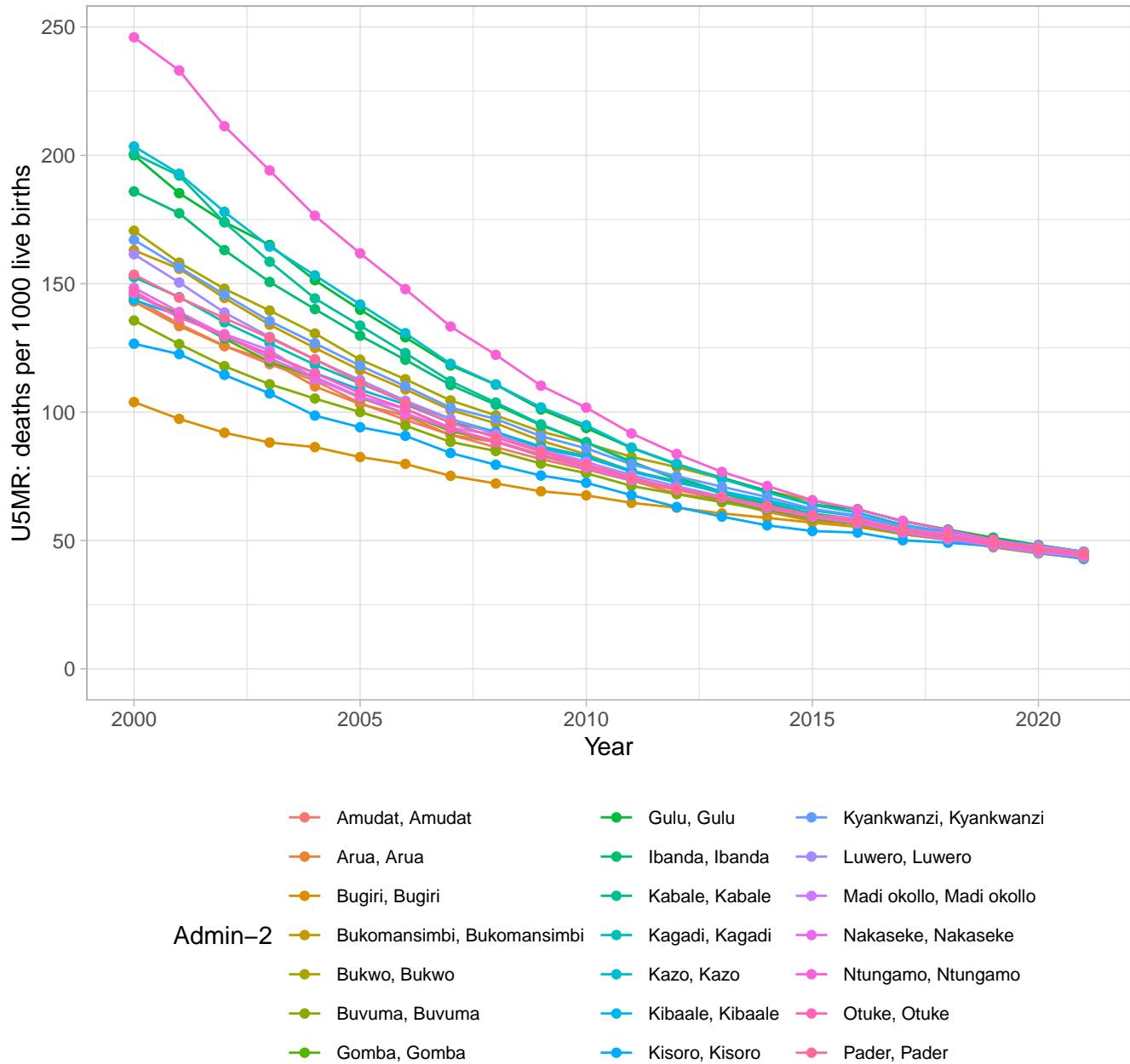


- Admin-2**
- Adjumani, Adjumani
 - Buikwe, Buikwe
 - Bunyangabu, Bunyangabu
 - Dokolo, Dokolo
 - Jinja city, Jinja city
 - Kassanda, Kassanda
 - Katakwi, Katakwi
 - Kiruhura, Kiruhura
 - Koboko, Koboko
 - Kween, Kween
 - Kyotera, Kyotera
 - Lira city, Lira city
 - Luuka, Luuka
 - Lwengo, Lwengo
 - Mbale, Mbale
 - Mbarara city, Mbarara city
 - Mbarara, Mbarara
 - Nakasongola, Nakasongola
 - Ntoroko, Ntoroko
 - Obongi, Obongi
 - Rwampara, Rwampara

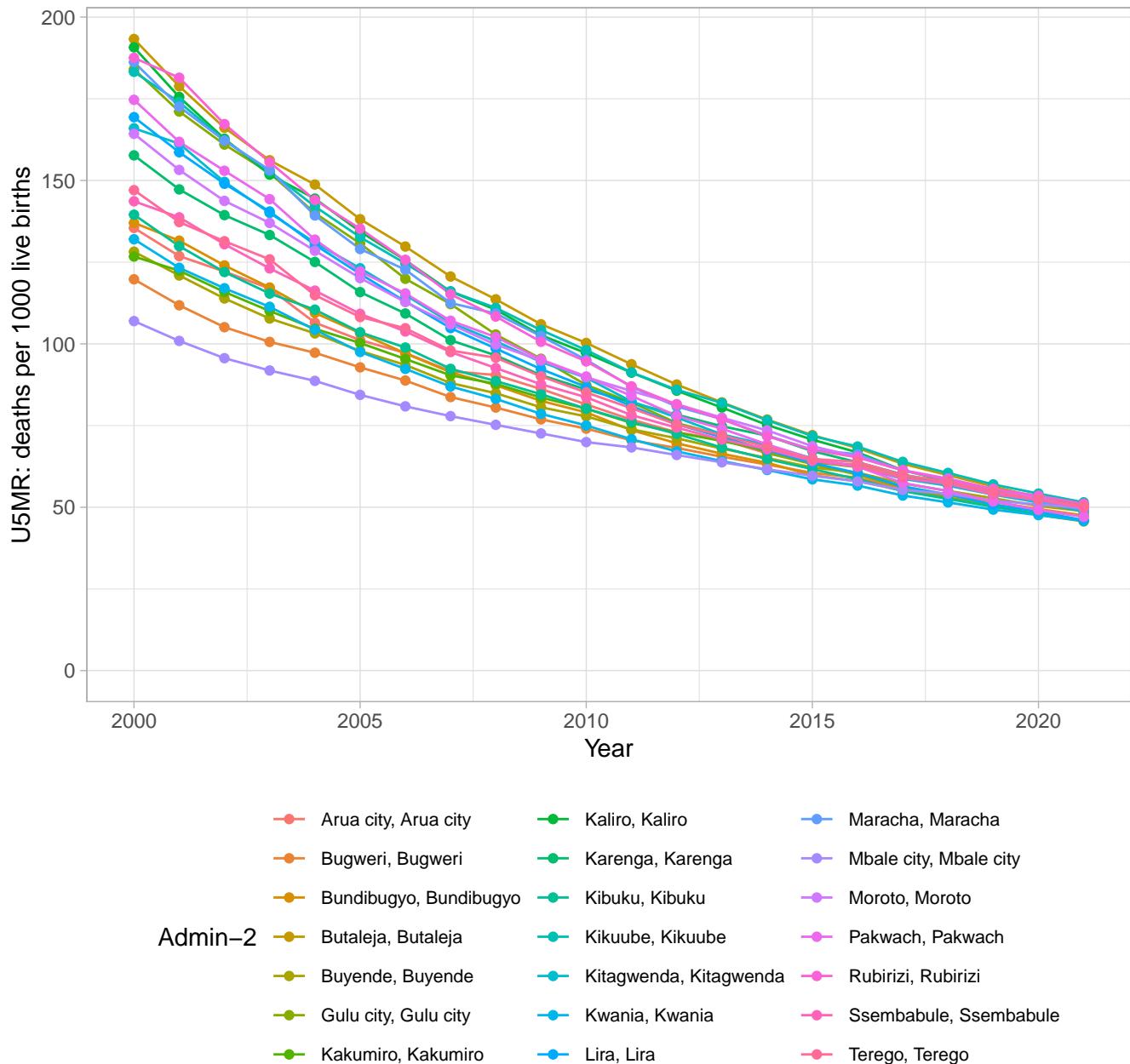
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