

COVID-19 situation report for WHO Africa Region
02/10/2020

Produced by the TIBA COVID-19 Pandemic Response Unit



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Section 1: Overview of WHO Africa Region 01/10/2020

Overview



Total Reported Cases
1159773

Total Reported Deaths
25806

Methods

We compare the size and rate of increase of the COVID-19 epidemic across the countries included in WHO Africa Region.

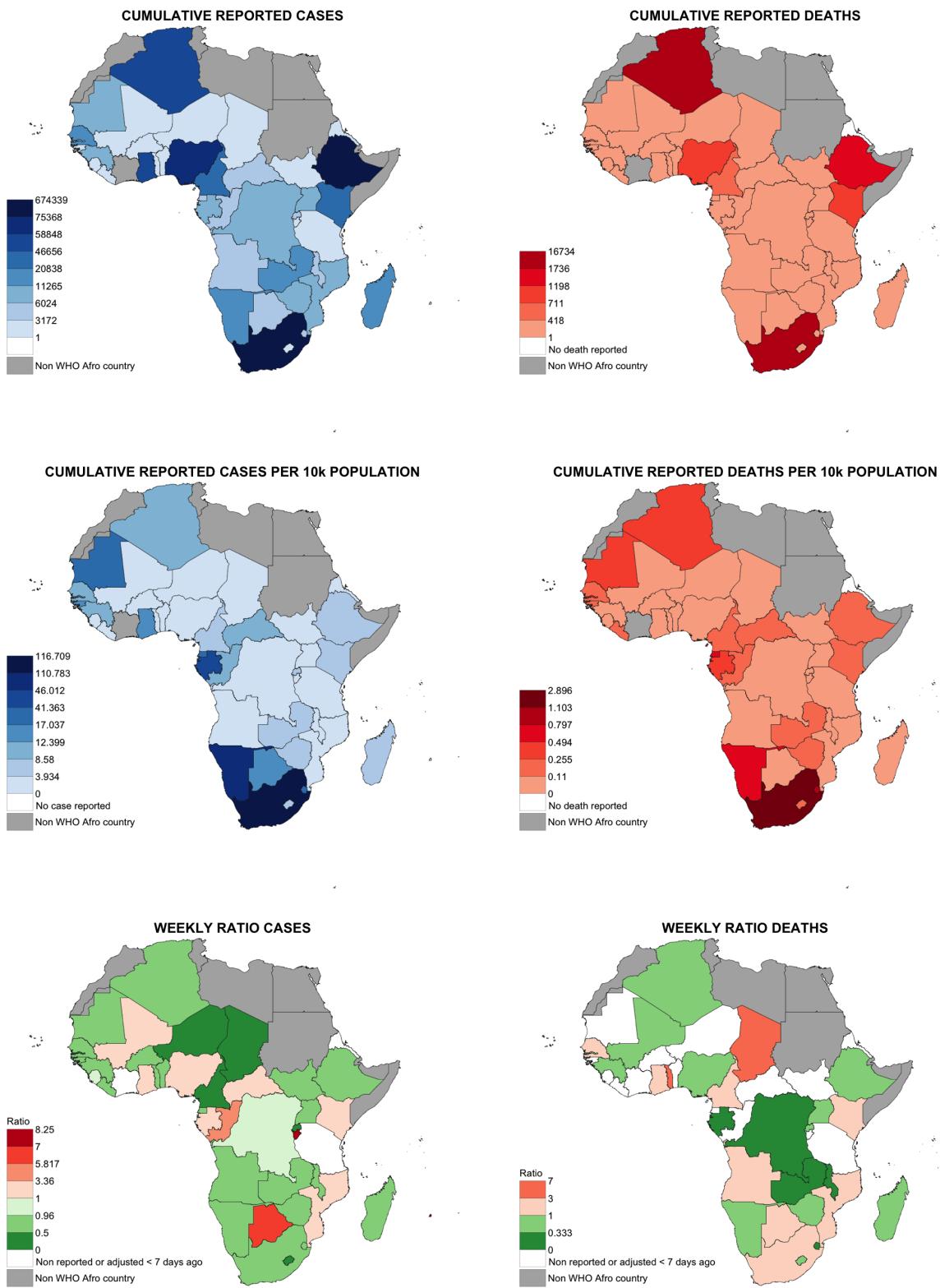
The maps below summarise the in-country situations:

- Top row: cumulative reported cases (left) and deaths (right).
- Middle row: cumulative reported cases (left) and deaths (right) per 10,000 population on a log10 scale.
- Bottom row: weekly ratios for new cases and new deaths. The higher the weekly ratio, the faster an epidemic is growing. A weekly ratio of 1 represents stable growth (i.e. the number of cases or deaths in the past 7 days was the same as the 7 days before). A value between 1 and 0 indicates that an epidemic is in decline. These maps show weekly ratios on a single date and may not be indicative of long term trends. See methods for more details.

Caveats:

- Colour scales are non-linear and are re-calibrated every week.
- WHO African region countries shaded in white either have no reported deaths/cases or, for weekly ratio calculations, have reduced their cumulative total cases/deaths in the last 14 days due to retrospective changes in reporting procedures.
- Doubling times have been replaced by weekly ratios because some countries are moving out of the exponential phase of the epidemic.

Summary maps



Section 2: Individual country situations

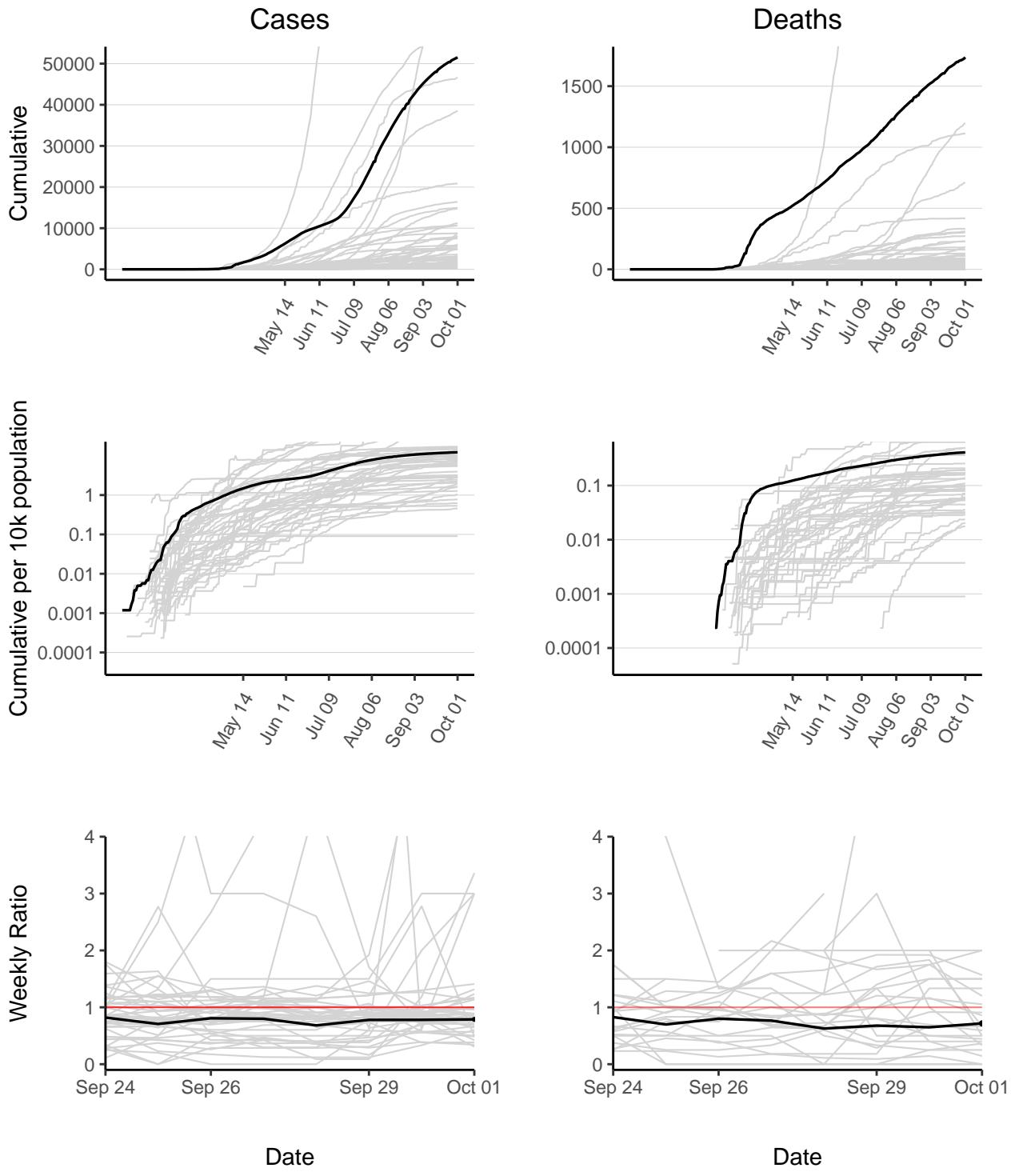
As of 01/10/2020, each panel below shows for each country:

- Top row: cumulative reported cases (left) and deaths (right).
- Middle row: cumulative reported cases (left) and deaths (right) per 10,000 population on a log10 scale.
- Bottom row: weekly ratio of the number of new cases (left) and deaths (right) calculated for each of the past 7 days leading up to 01/10/2020. Gaps in the plotted data indicate values that could not be calculated.

Caveats;

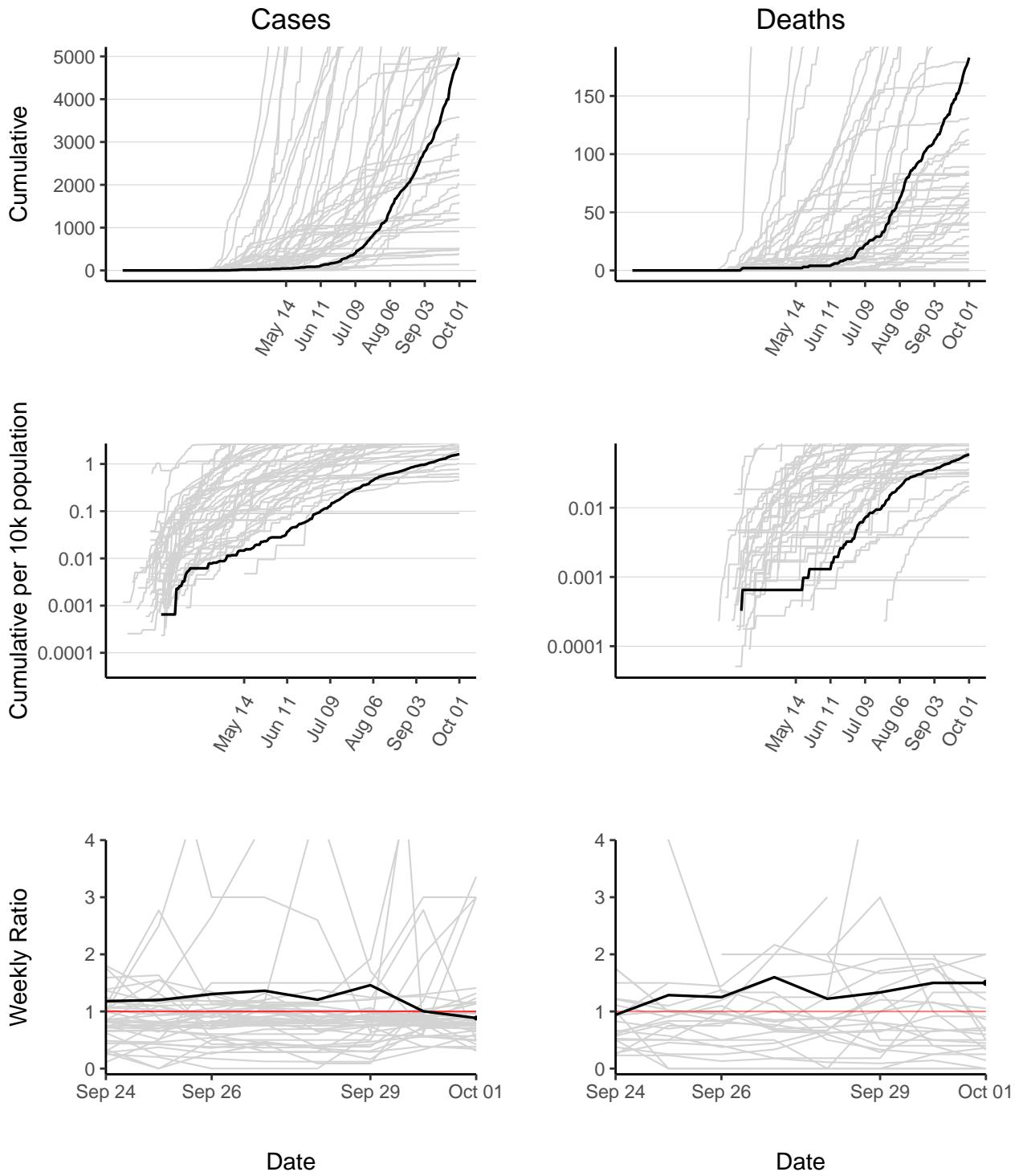
- Retrospective changes in reporting policy may cause cumulative deaths/cases counts to drop as described in WHO Sit Rep Number 105, published on 04/05/2020.

Algeria



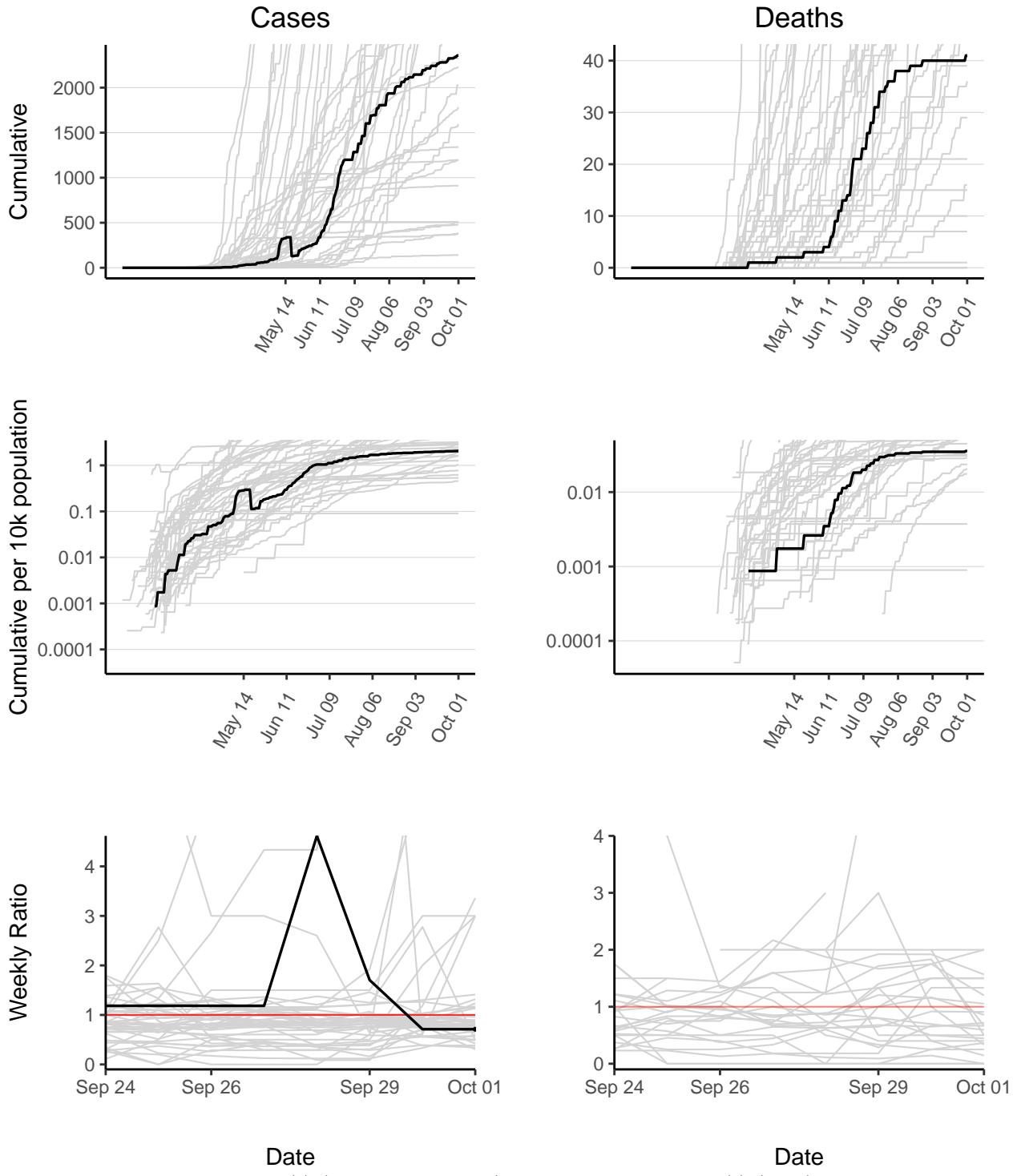
Algeria has 51530 reported case(s) (4th in the region) and 1736 reported death(s) (2nd). Cumulative counts per 10,000 population of reported cases and deaths are 12 (14th) and 0.41 (8th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.79 (26th). The weekly ratio of reported deaths over the last 2 weeks is 0.72 (13th).

Angola



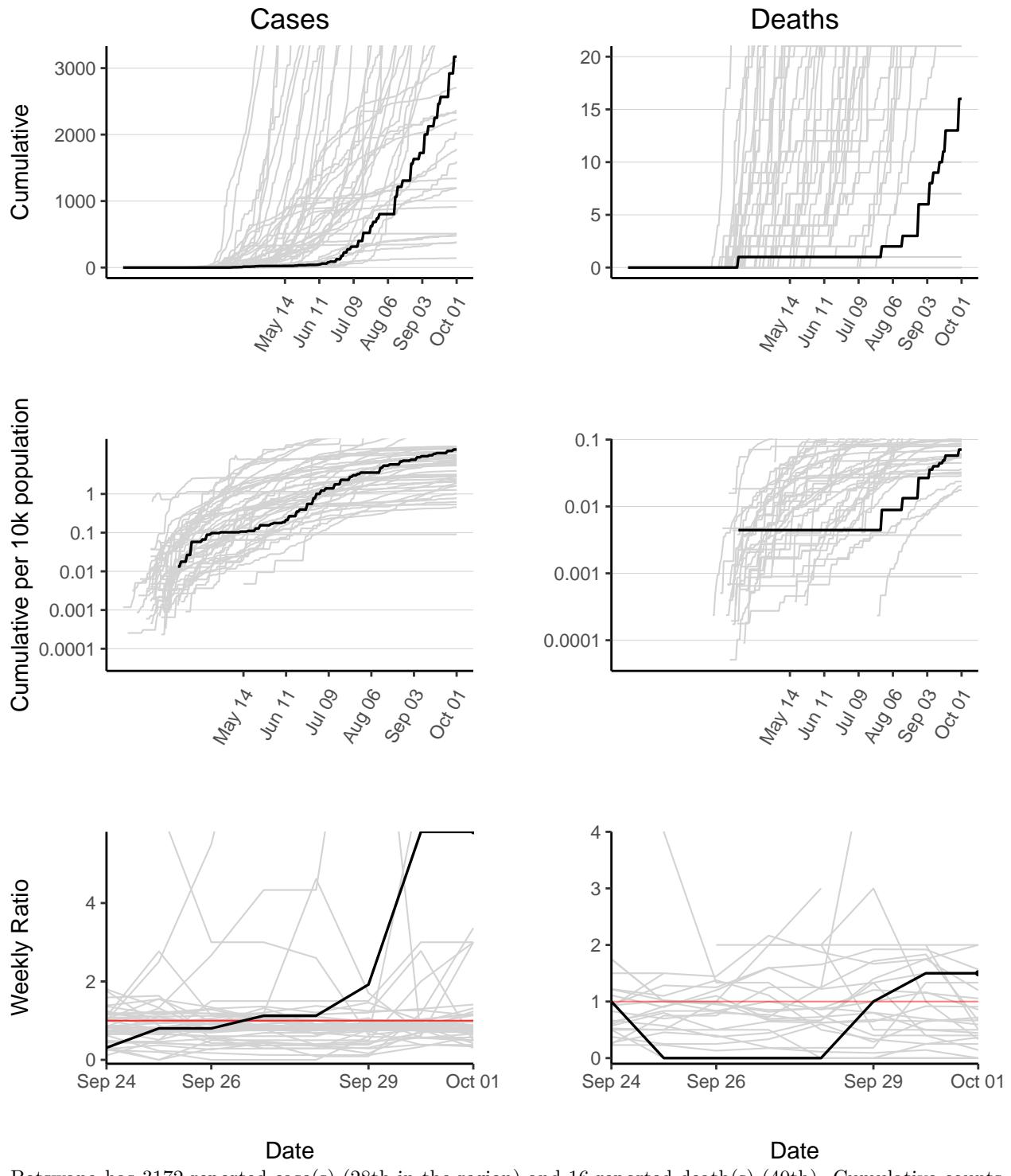
Date
 Angola has 4972 reported case(s) (24th in the region) and 183 reported death(s) (13th). Cumulative counts per 10,000 population of reported cases and deaths are 1.6 (39th) and 0.059 (31st) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.89 (20th). The weekly ratio of reported deaths over the last 2 weeks is 1.5 (6th).

Benin



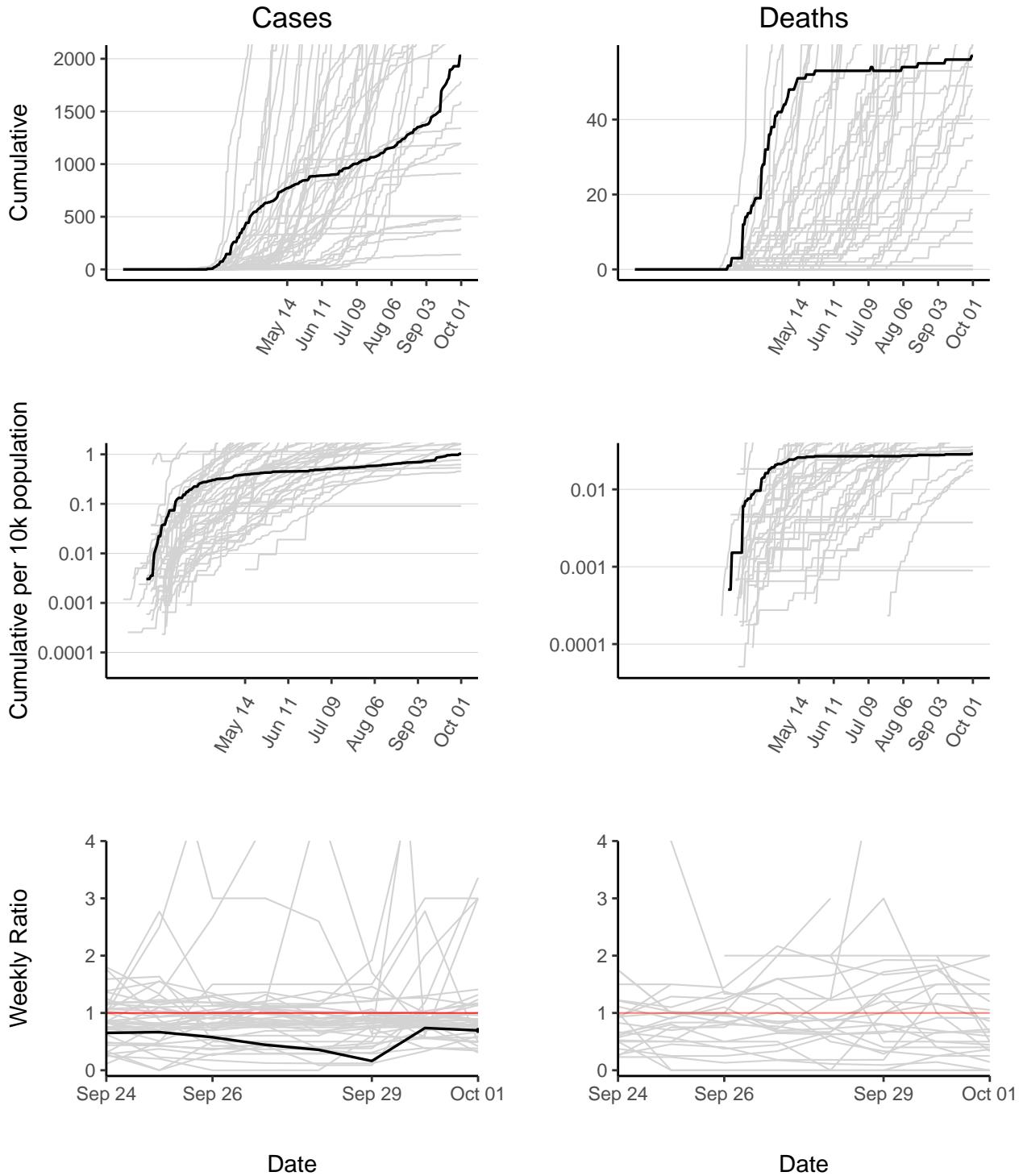
Benin has 2357 reported case(s) (31st in the region) and 41 reported death(s) (35th). Cumulative counts per 10,000 population of reported cases and deaths are 2.1 (36th) and 0.036 (36th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.71 (32nd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Botswana



Botswana has 3172 reported case(s) (28th in the region) and 16 reported death(s) (40th). Cumulative counts per 10,000 population of reported cases and deaths are 14 (12th) and 0.071 (28th) respectively. The weekly ratio of reported cases over the last 2 weeks is 5.8 (3rd). The weekly ratio of reported deaths over the last 2 weeks is 1.5 (7th).

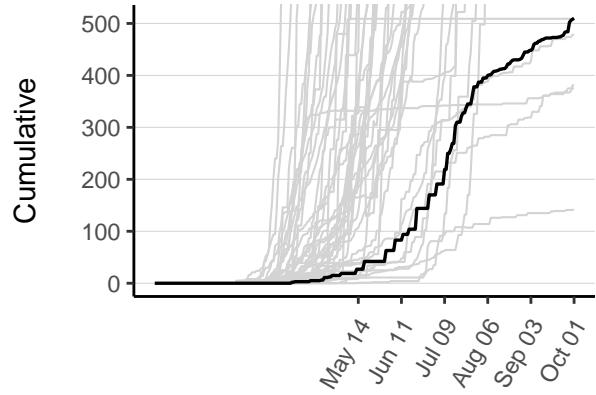
Burkina Faso



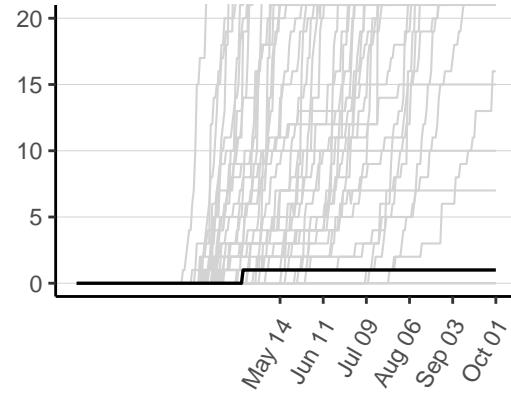
Burkina Faso has 2028 reported case(s) (34th in the region) and 57 reported death(s) (31st). Cumulative counts per 10,000 population of reported cases and deaths are 1 (41st) and 0.029 (39th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.7 (33rd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Burundi

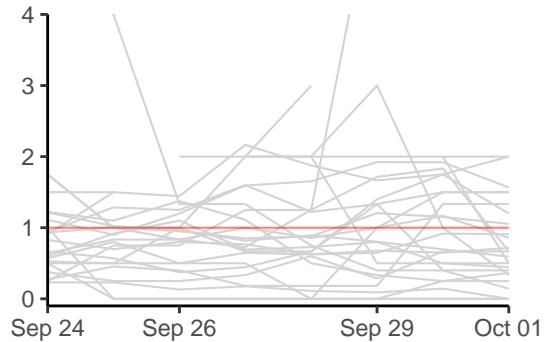
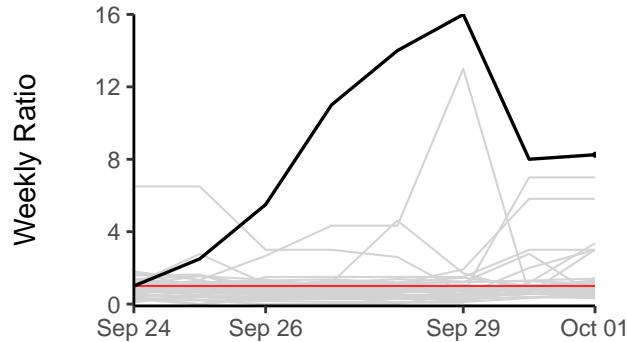
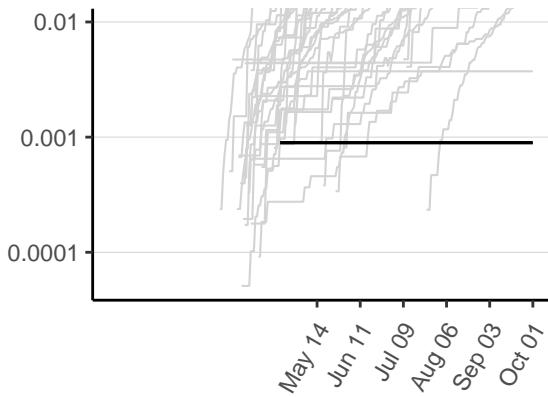
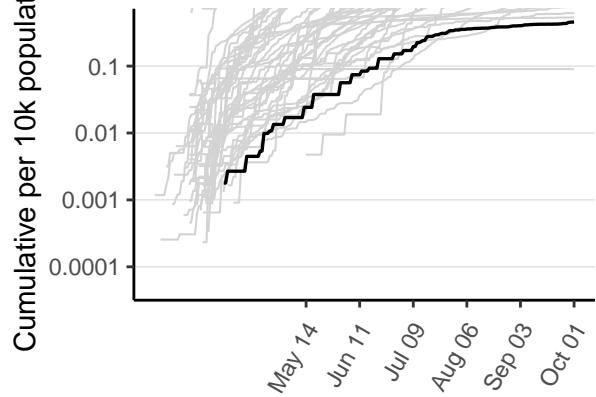
Cases



Deaths



Cumulative per 10k population

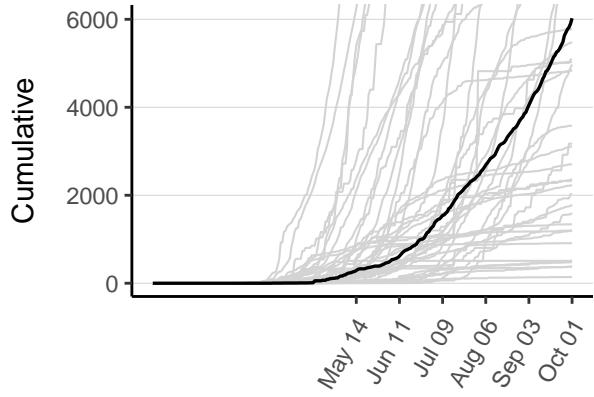


Date

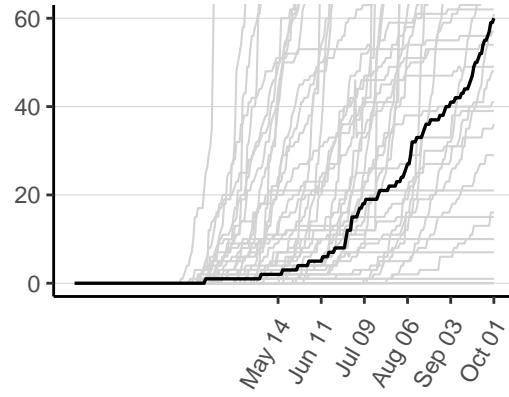
Burundi has 510 reported case(s) (41st in the region) and 1 reported death(s) (44th). Cumulative counts per 10,000 population of reported cases and deaths are 0.46 (45th) and 0.00089 (44th) respectively. The weekly ratio of reported cases over the last 2 weeks is 8.2 (1st). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Cabo Verde

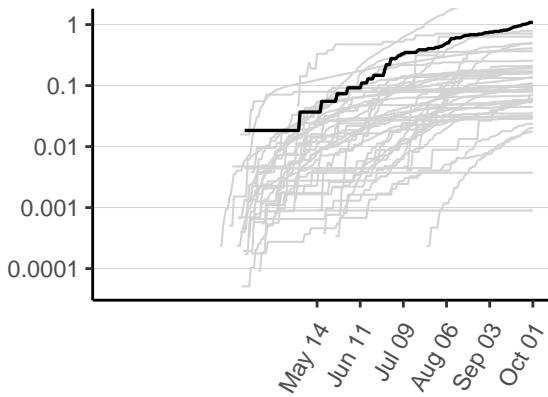
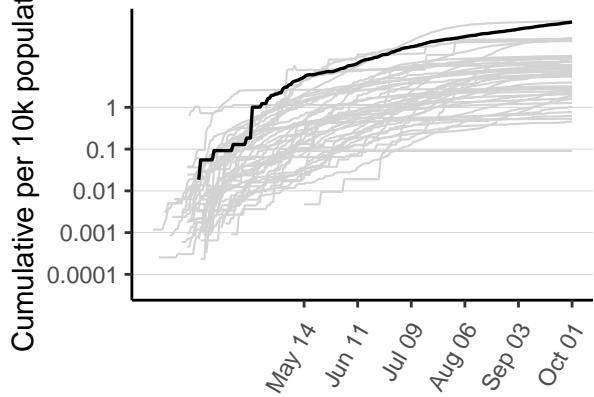
Cases



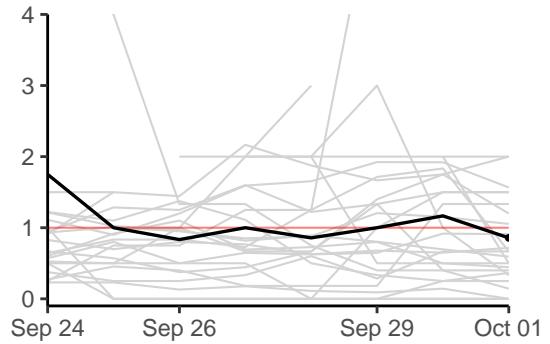
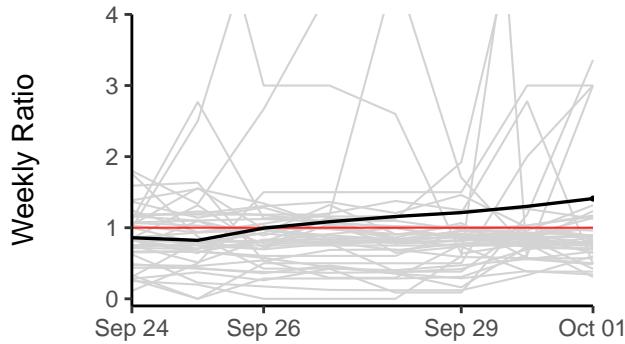
Deaths



Cumulative per 10k population



Weekly Ratio

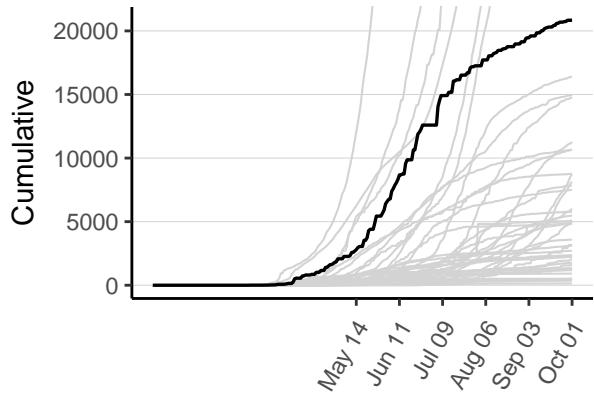


Date

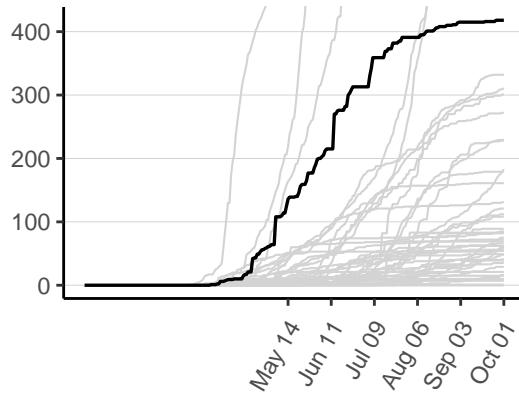
Cabo Verde has 6024 reported case(s) (19th in the region) and 60 reported death(s) (30th). Cumulative counts per 10,000 population of reported cases and deaths are 110 (2nd) and 1.1 (2nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.4 (8th). The weekly ratio of reported deaths over the last 2 weeks is 0.86 (12th).

Cameroon

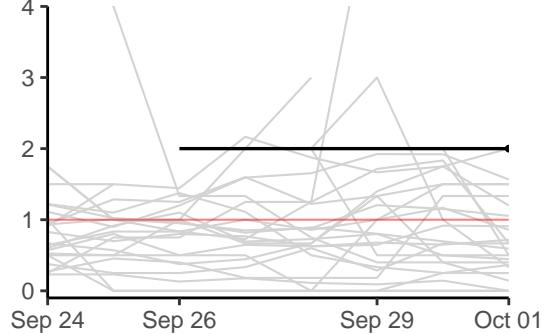
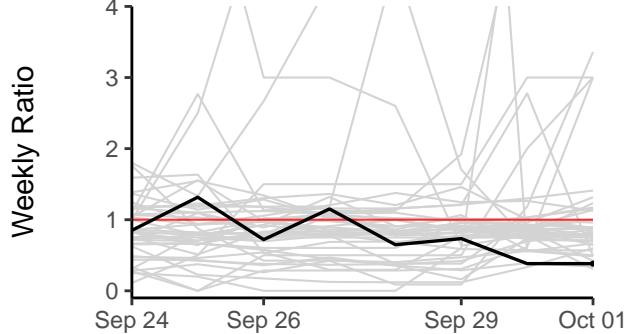
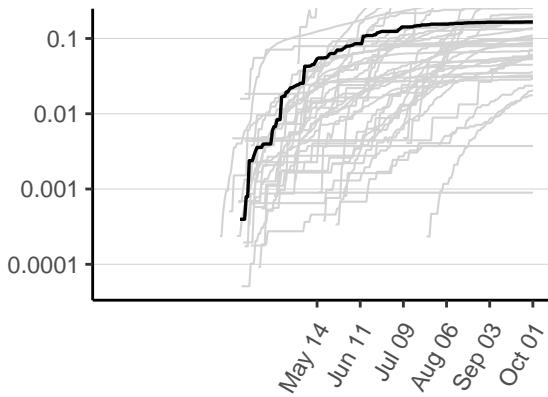
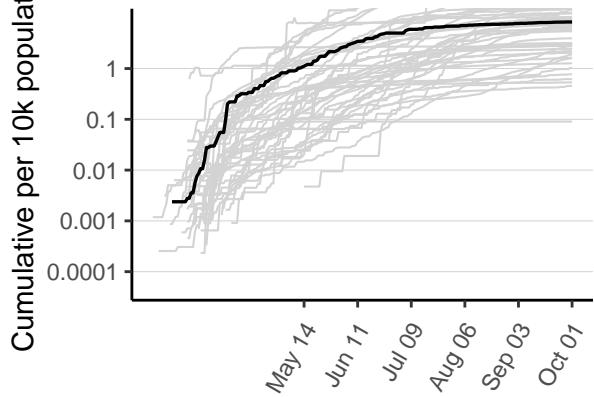
Cases



Deaths

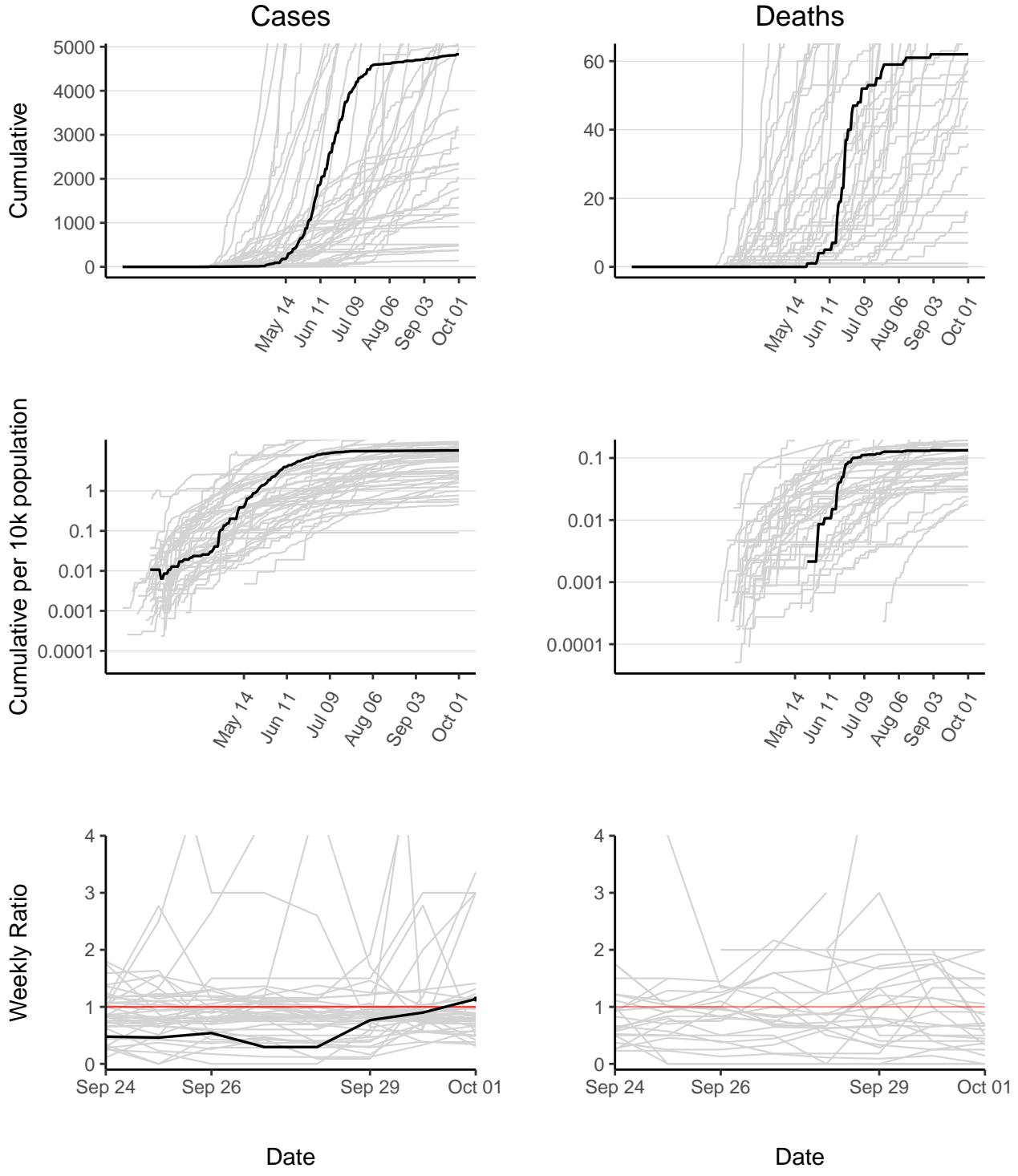


Cumulative per 10k population



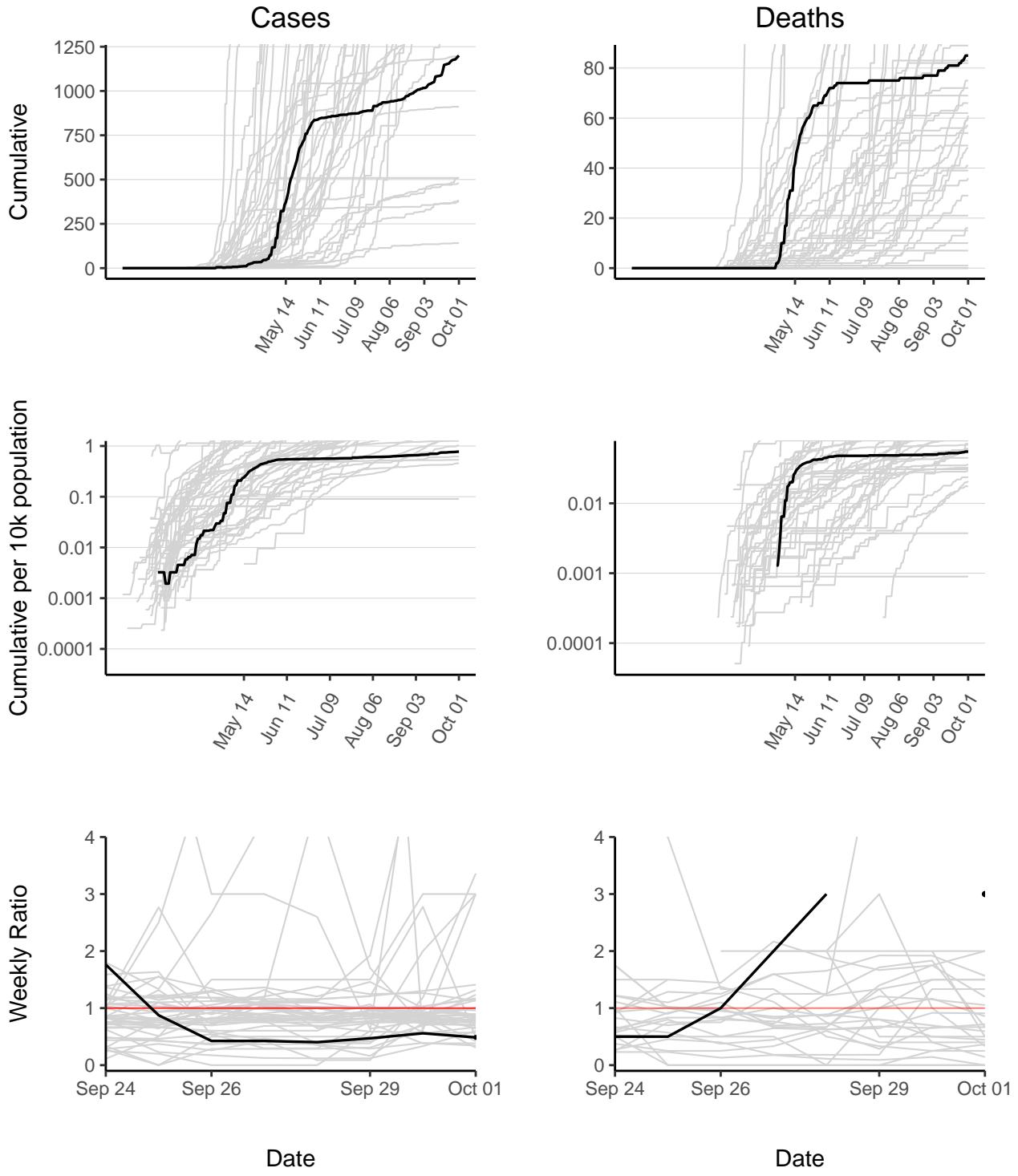
Date
 Cameroon has 20838 reported case(s) (7th in the region) and 418 reported death(s) (6th). Cumulative counts per 10,000 population of reported cases and deaths are 8.3 (20th) and 0.17 (17th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.38 (42nd). The weekly ratio of reported deaths over the last 2 weeks is 2 (3rd).

Central African Republic



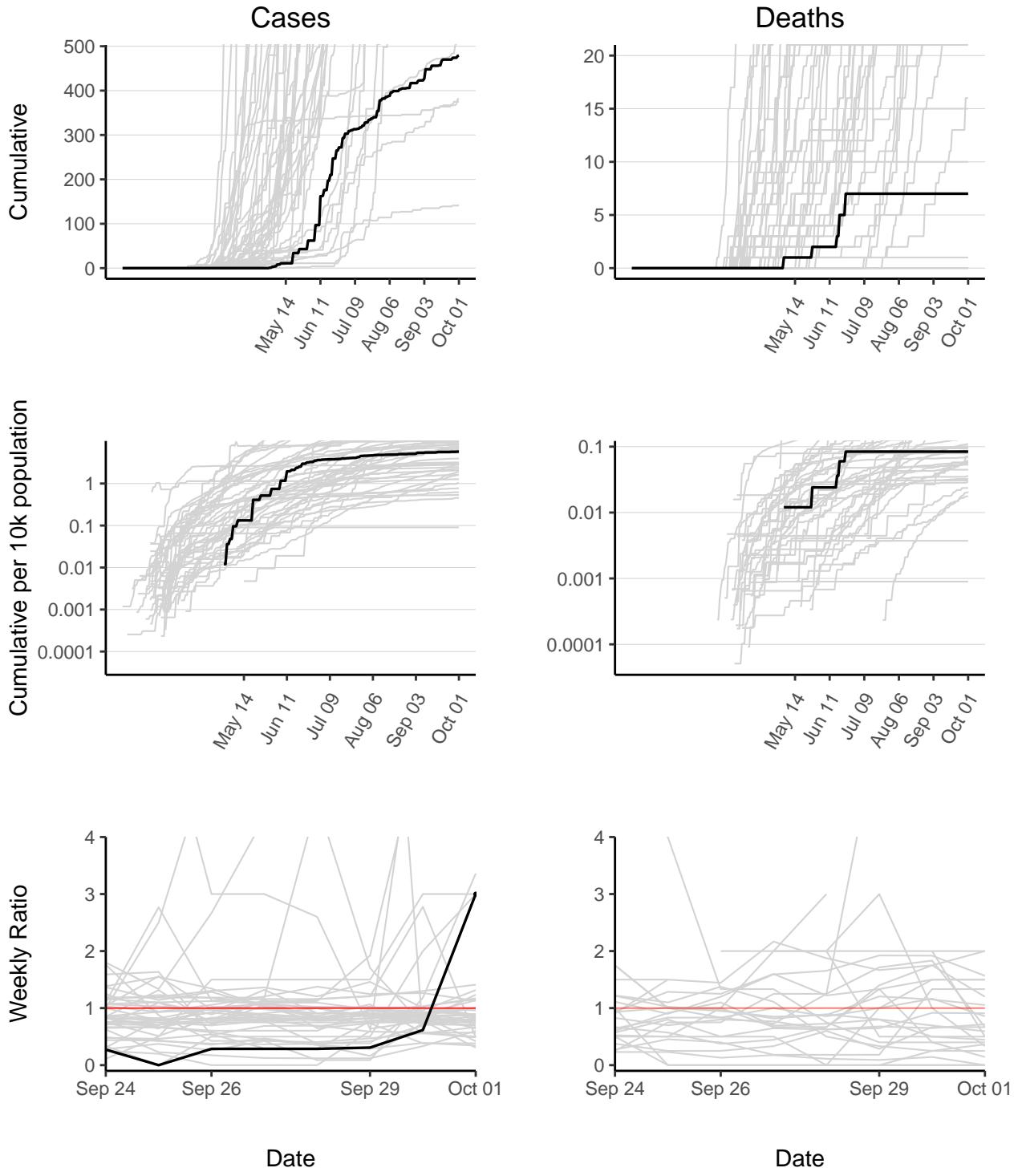
Central African Republic has 4829 reported case(s) (26th in the region) and 62 reported death(s) (28th). Cumulative counts per 10,000 population of reported cases and deaths are 10 (15th) and 0.13 (20th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.1 (13th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Chad



Chad has 1200 reported case(s) (38th in the region) and 85 reported death(s) (21st). Cumulative counts per 10,000 population of reported cases and deaths are 0.78 (42nd) and 0.055 (33rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.49 (2nd). The weekly ratio of reported deaths over the last 2 weeks is 3 (40th).

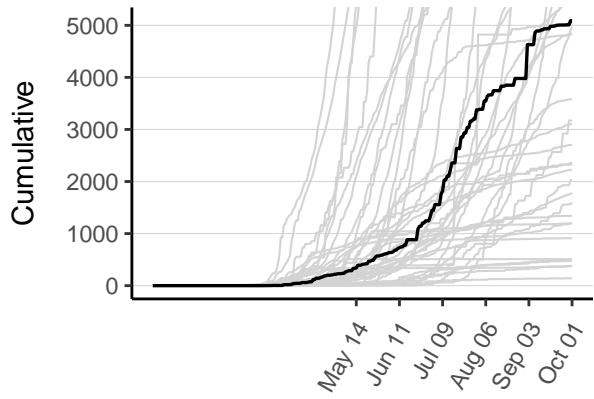
Comoros



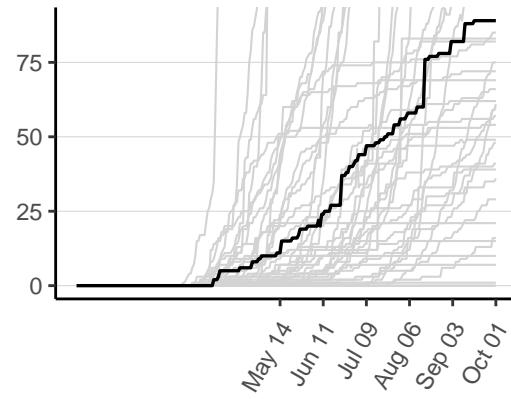
Date
 Comoros has 479 reported case(s) (43rd in the region) and 7 reported death(s) (43rd). Cumulative counts per 10,000 population of reported cases and deaths are 5.8 (25th) and 0.084 (26th) respectively. The weekly ratio of reported cases over the last 2 weeks is 3 (5th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Congo

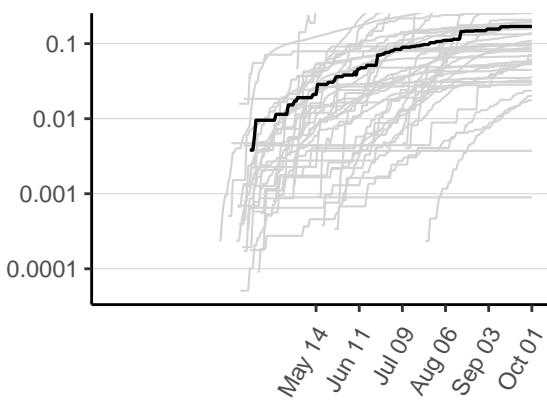
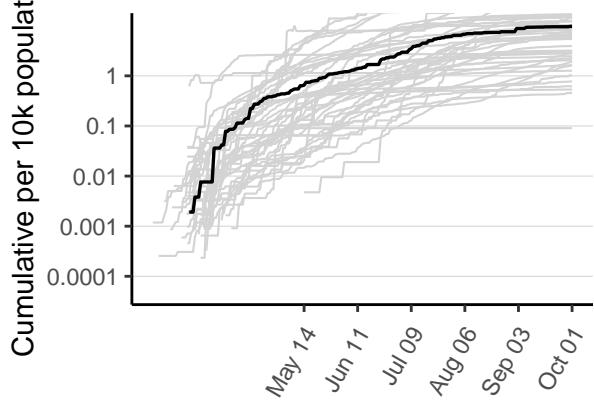
Cases



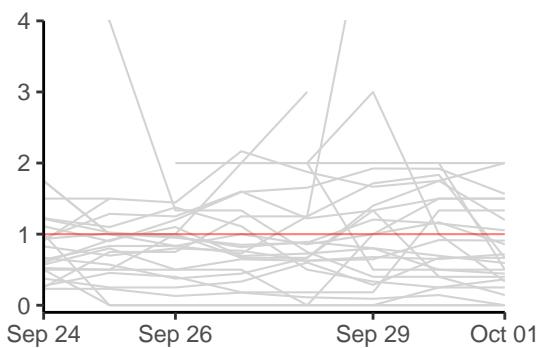
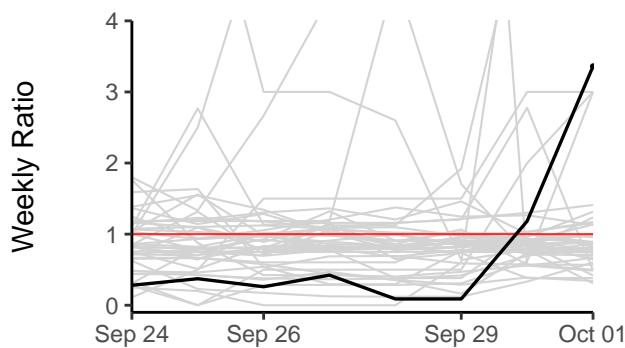
Deaths



Cumulative per 10k population



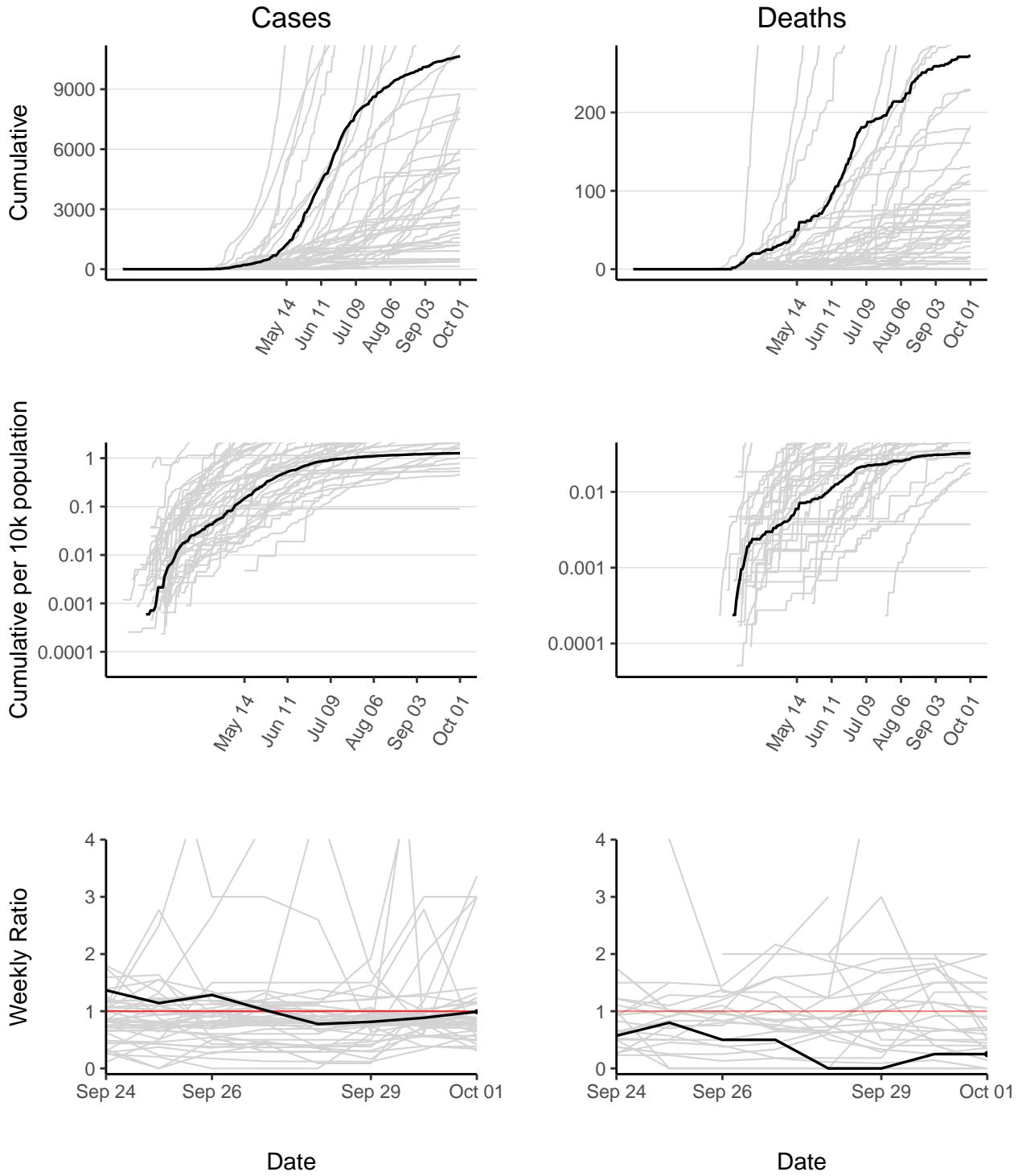
Weekly Ratio



Date

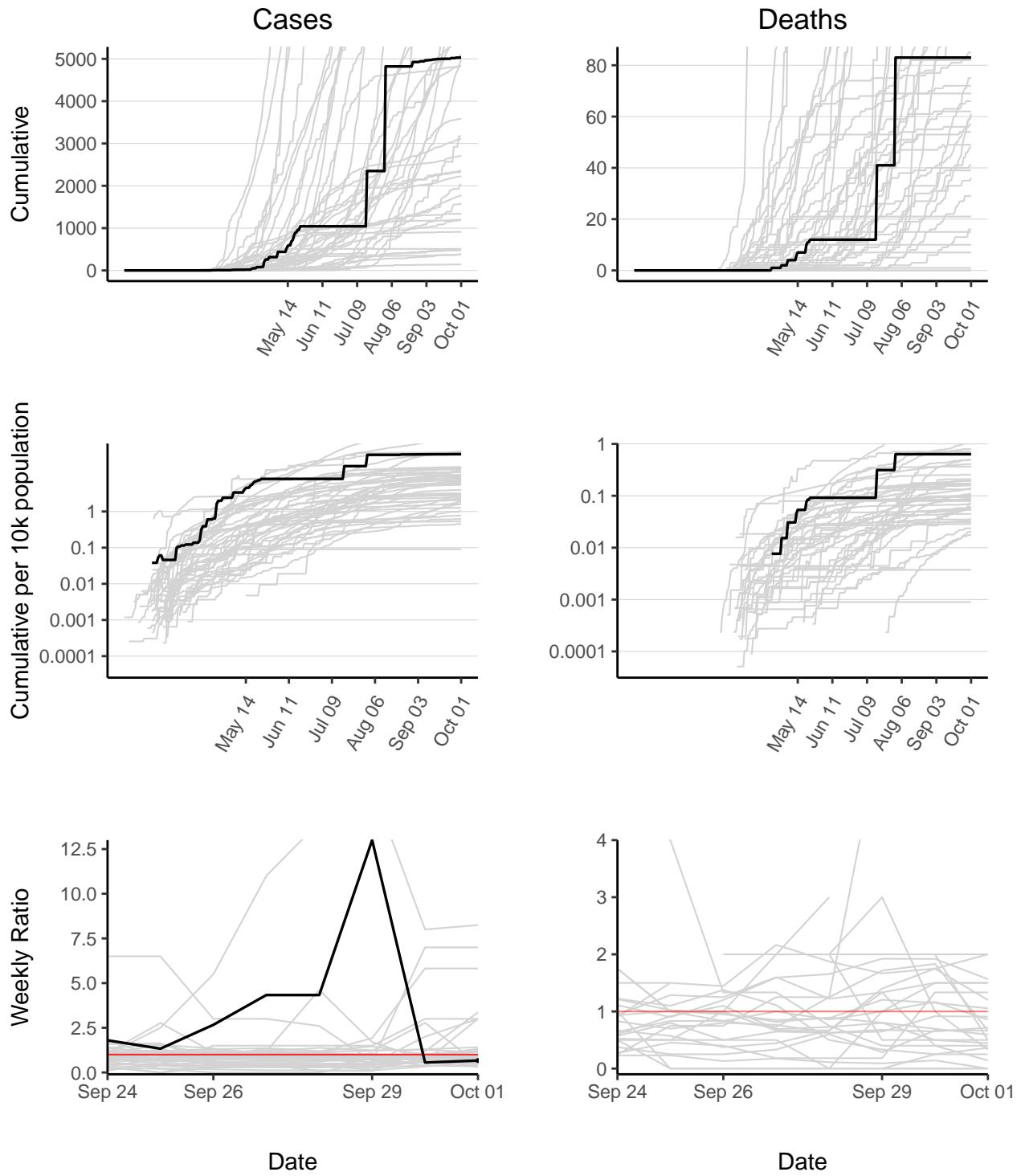
Congo has 5089 reported case(s) (22nd in the region) and 89 reported death(s) (20th). Cumulative counts per 10,000 population of reported cases and deaths are 9.7 (16th) and 0.17 (16th) respectively. The weekly ratio of reported cases over the last 2 weeks is 3.4 (4th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Democratic Republic of the Congo



Democratic Republic of the Congo has 10658 reported case(s) (12th in the region) and 272 reported death(s) (10th). Cumulative counts per 10,000 population of reported cases and deaths are 1.3 (40th) and 0.032 (37th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.99 (16th). The weekly ratio of reported deaths over the last 2 weeks is 0.25 (24th).

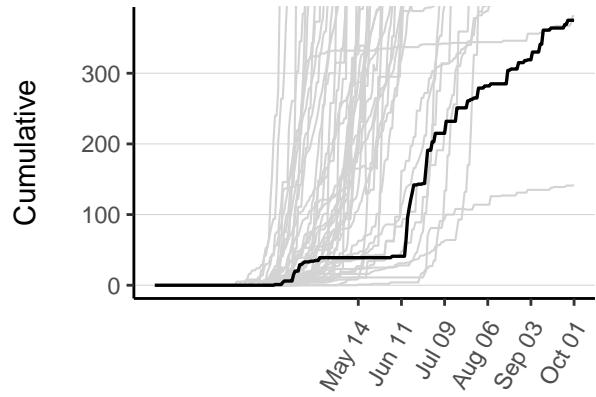
Equatorial Guinea



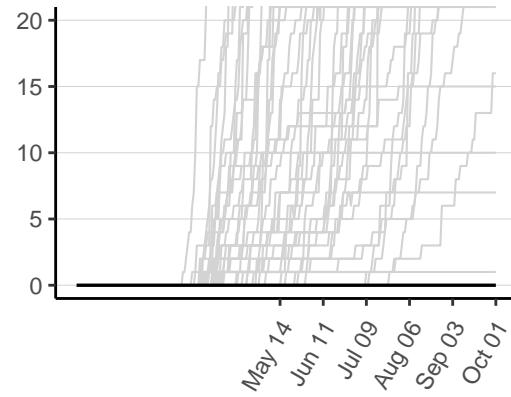
Equatorial Guinea has 5030 reported case(s) (23rd in the region) and 83 reported death(s) (22nd). Cumulative counts per 10,000 population of reported cases and deaths are 38 (7th) and 0.63 (5th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.67 (34th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Eritrea

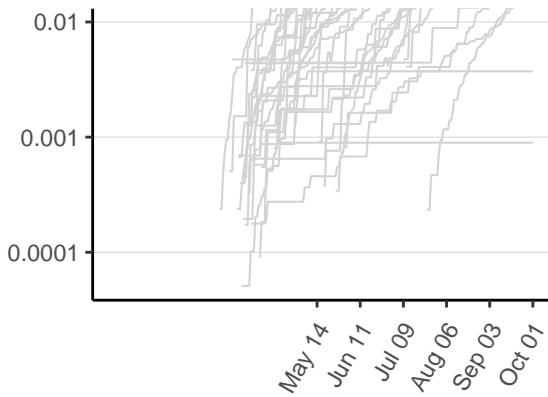
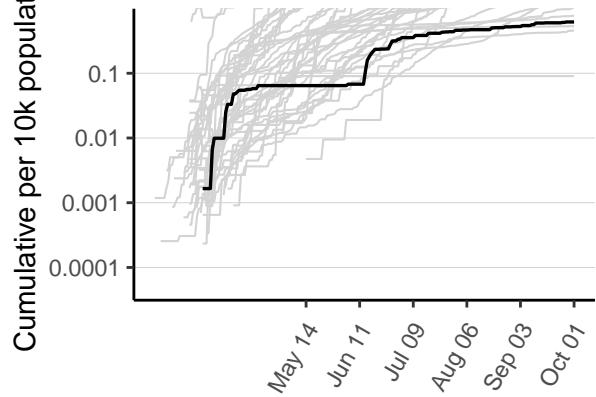
Cases



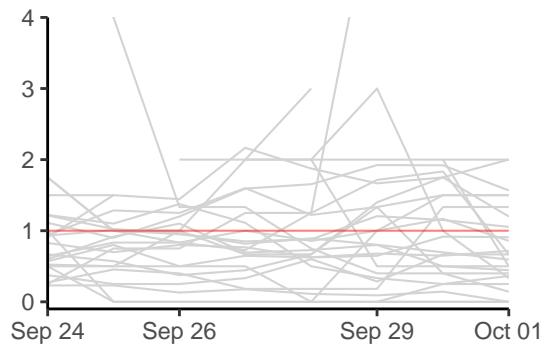
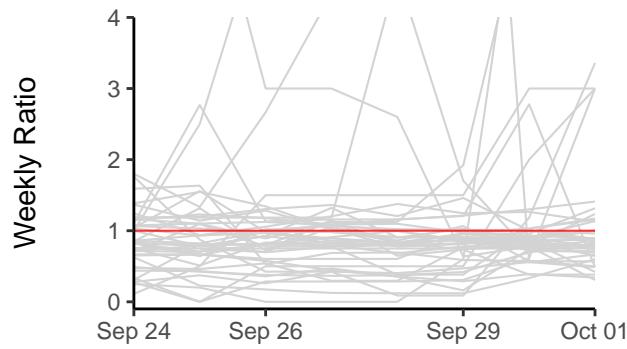
Deaths



Cumulative per 10k population



Weekly Ratio

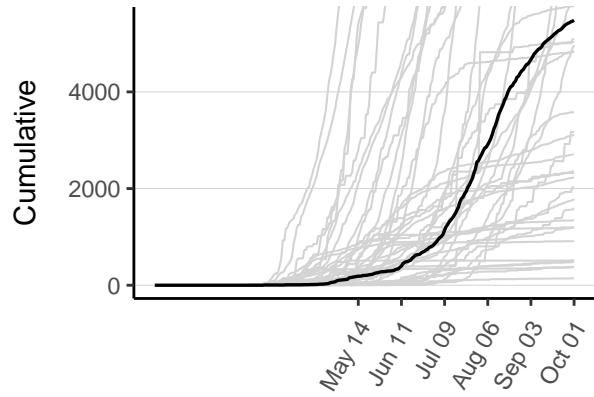


Date

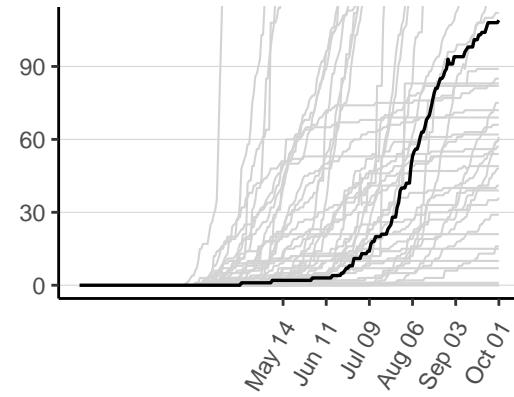
Eritrea has 375 reported case(s) (45th in the region) and 0 reported death(s) (45th). Cumulative counts per 10,000 population of reported cases and deaths are 0.62 (43rd) and 0 (45th) respectively. The weekly ratio of reported cases cannot be calculated as no new cases have been reported in 1 of the last 2 weeks. The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in 1 of the last 2 weeks.

Eswatini

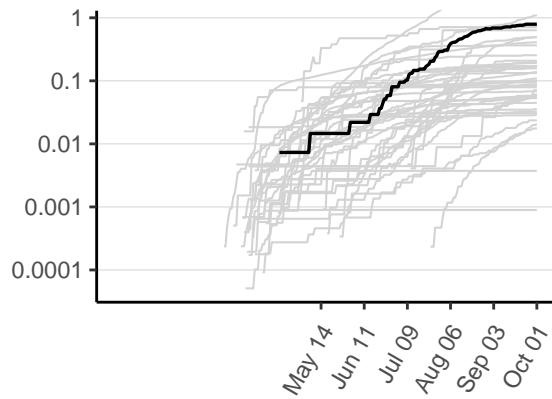
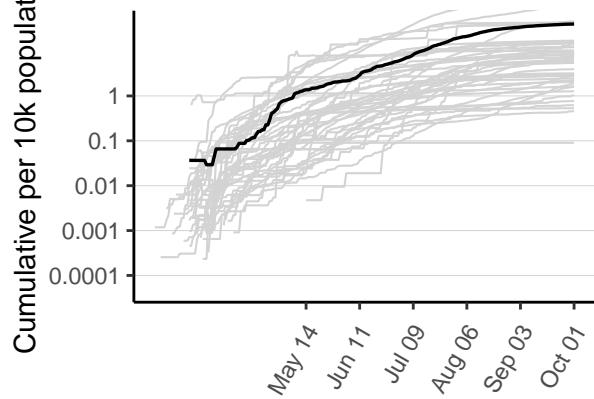
Cases



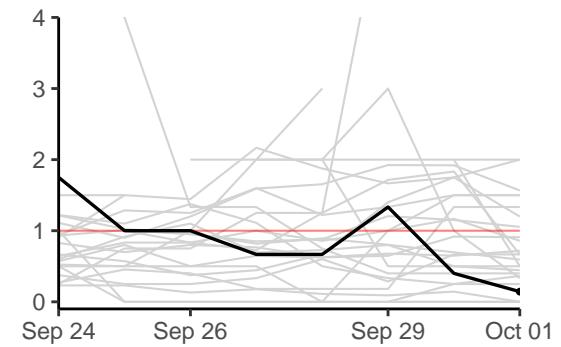
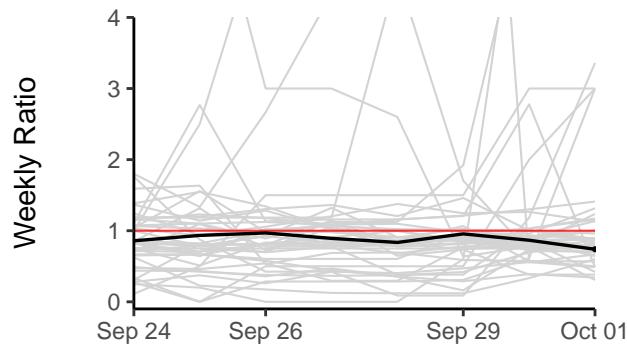
Deaths



Cumulative per 10k population



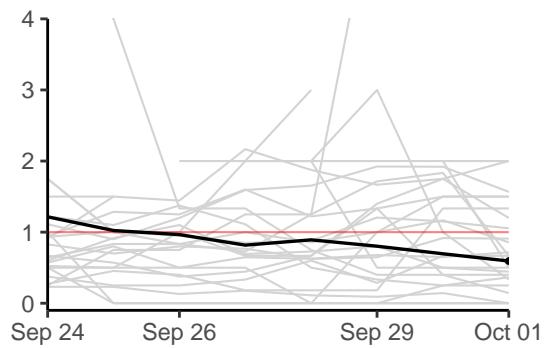
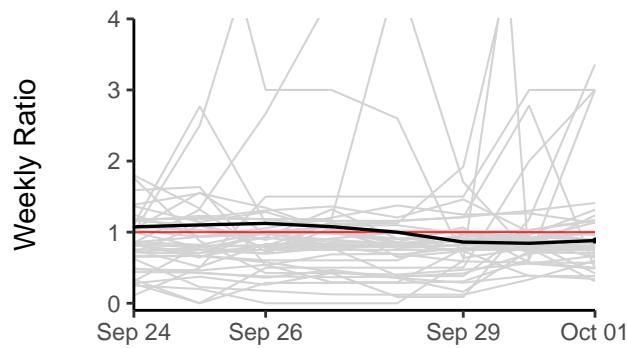
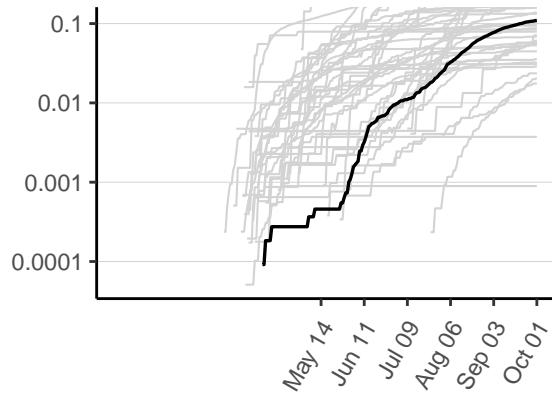
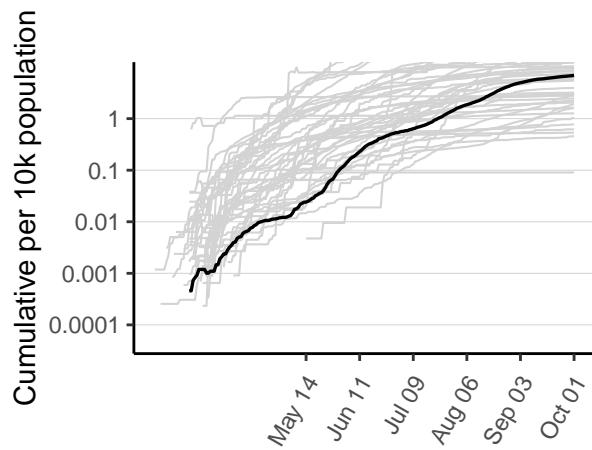
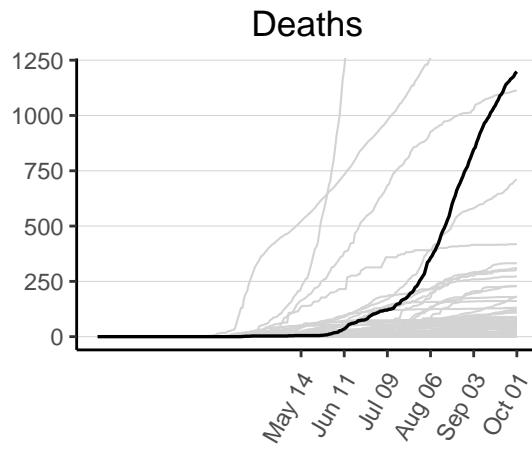
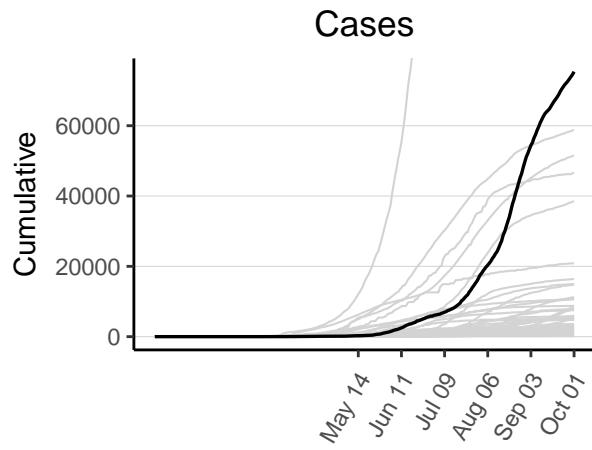
Weekly Ratio



Date

Eswatini has 5482 reported case(s) (21st in the region) and 109 reported death(s) (19th). Cumulative counts per 10,000 population of reported cases and deaths are 40 (6th) and 0.8 (3rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.74 (31st). The weekly ratio of reported deaths over the last 2 weeks is 0.14 (25th).

Ethiopia



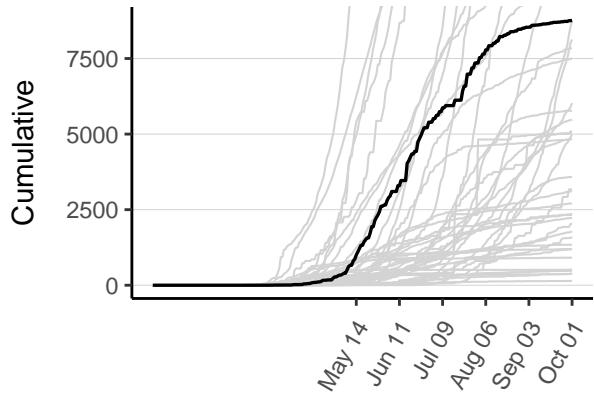
Date

Ethiopia has 75368 reported case(s) (2nd in the region) and 1198 reported death(s) (3rd). Cumulative counts per 10,000 population of reported cases and deaths are 6.9 (23rd) and 0.11 (21st) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.88 (21st). The weekly ratio of reported deaths over the last 2 weeks is 0.59 (16th).

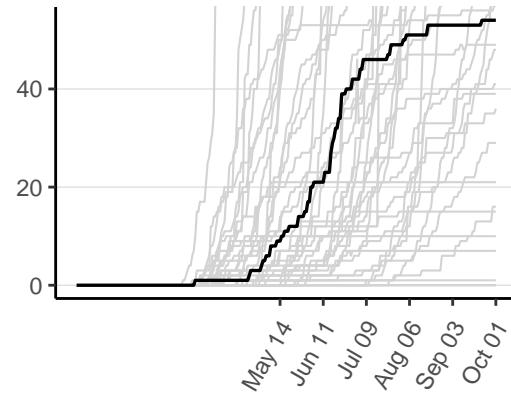
Date

Gabon

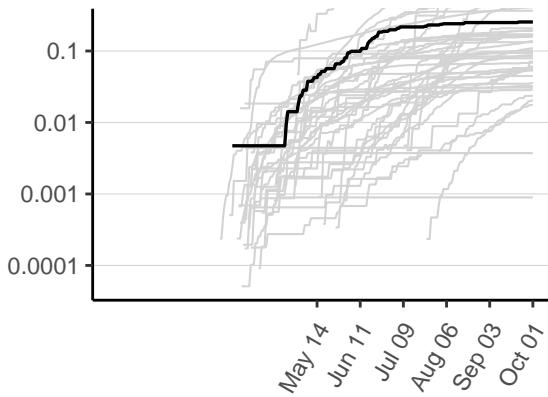
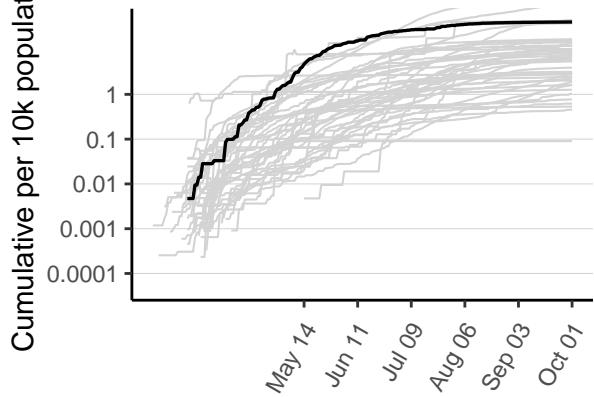
Cases



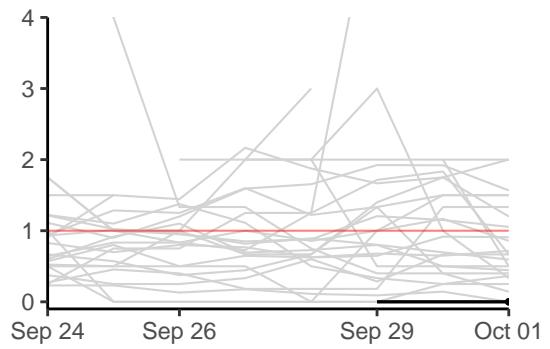
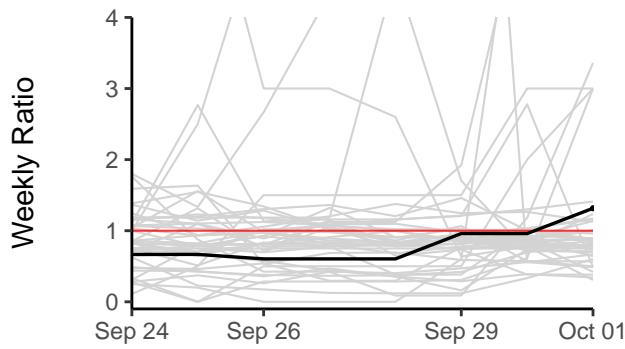
Deaths



Cumulative per 10k population



Weekly Ratio

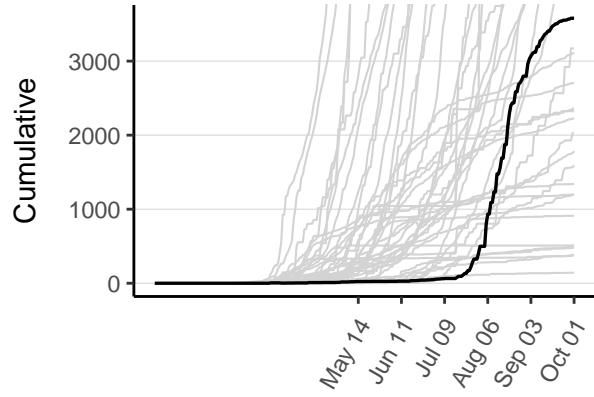


Date

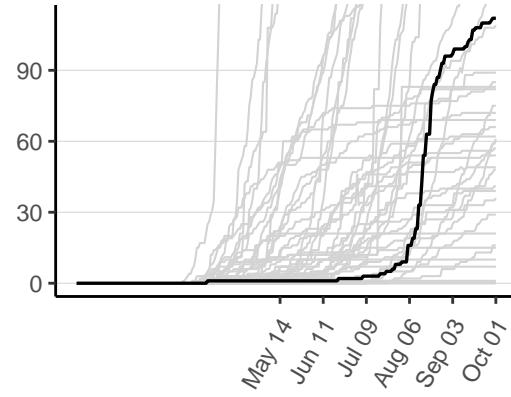
Gabon has 8766 reported case(s) (14th in the region) and 54 reported death(s) (32nd). Cumulative counts per 10,000 population of reported cases and deaths are 41 (5th) and 0.25 (10th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.3 (9th). The weekly ratio of reported deaths over the last 2 weeks is 0 (26th).

Gambia

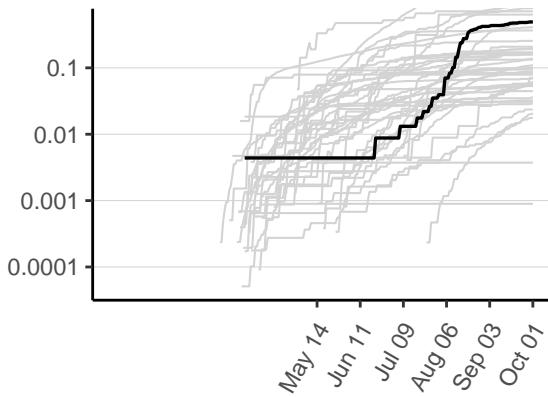
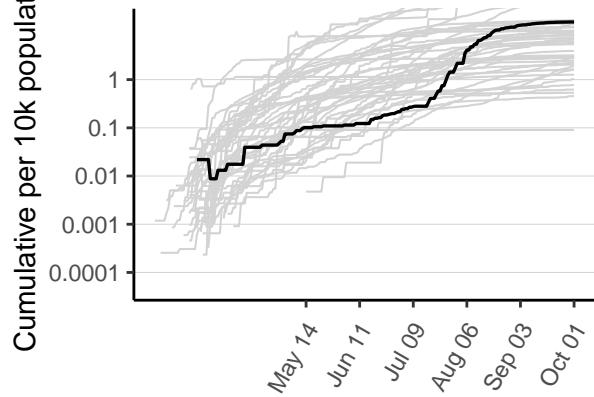
Cases



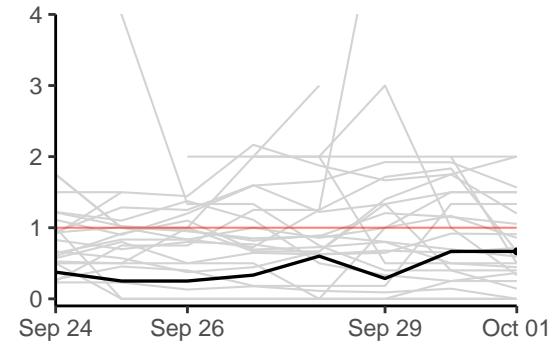
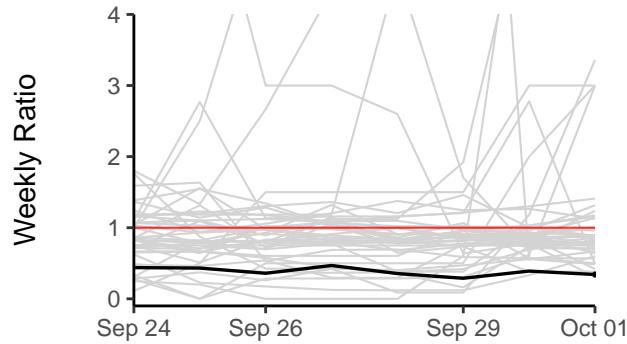
Deaths



Cumulative per 10k population



Weekly Ratio

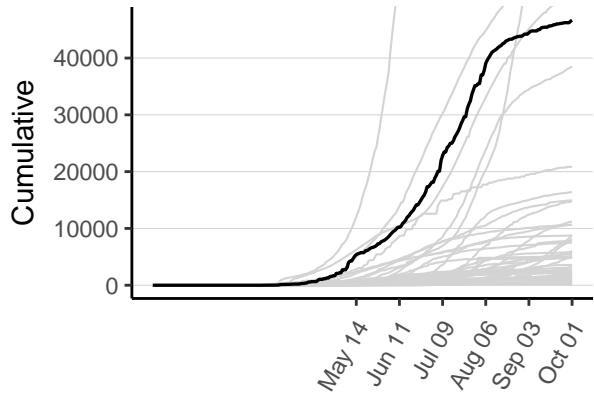


Date

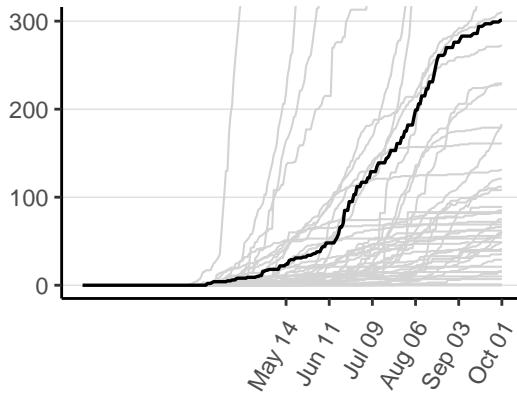
Gambia has 3579 reported case(s) (27th in the region) and 112 reported death(s) (18th). Cumulative counts per 10,000 population of reported cases and deaths are 16 (9th) and 0.49 (7th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.34 (43rd). The weekly ratio of reported deaths over the last 2 weeks is 0.67 (14th).

Ghana

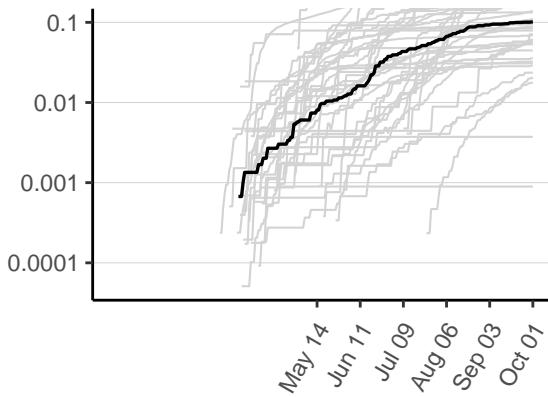
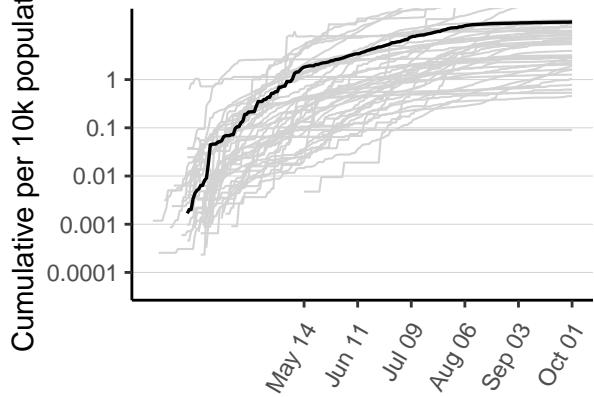
Cases



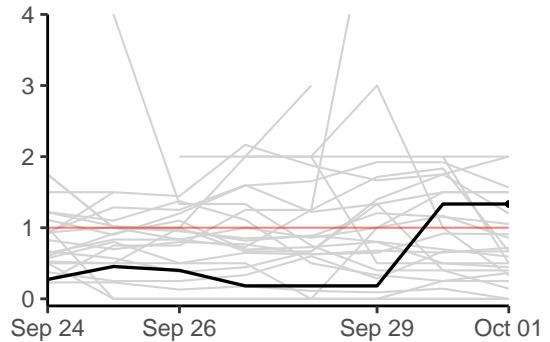
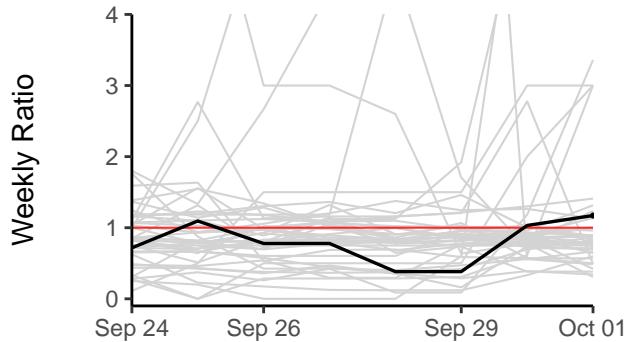
Deaths



Cumulative per 10k population



Weekly Ratio

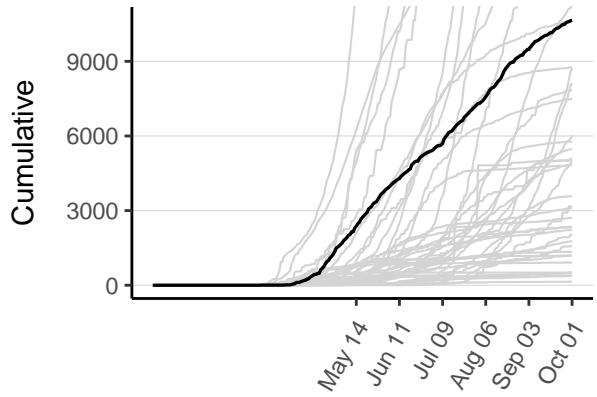


Date

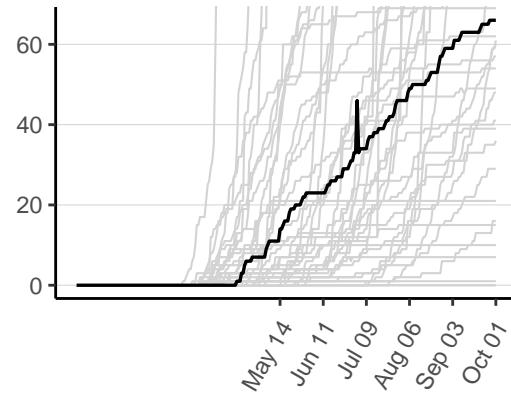
Ghana has 46656 reported case(s) (5th in the region) and 301 reported death(s) (9th). Cumulative counts per 10,000 population of reported cases and deaths are 16 (10th) and 0.1 (22nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.2 (11th). The weekly ratio of reported deaths over the last 2 weeks is 1.3 (8th).

Guinea

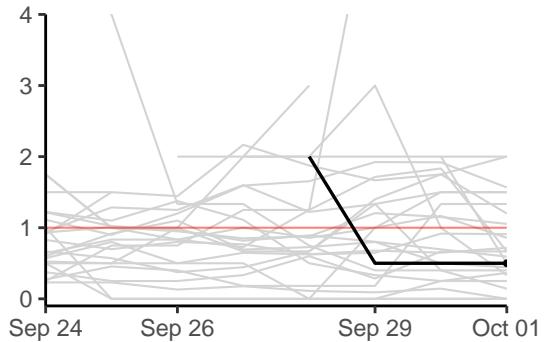
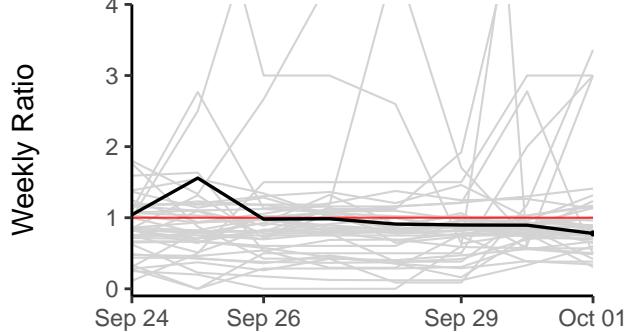
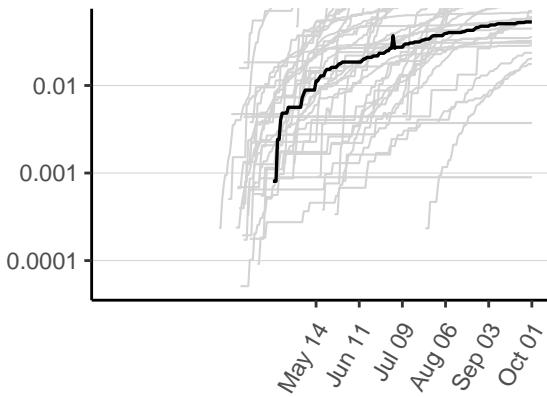
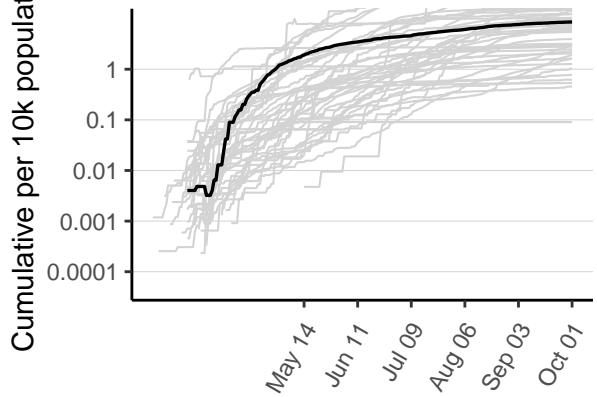
Cases



Deaths

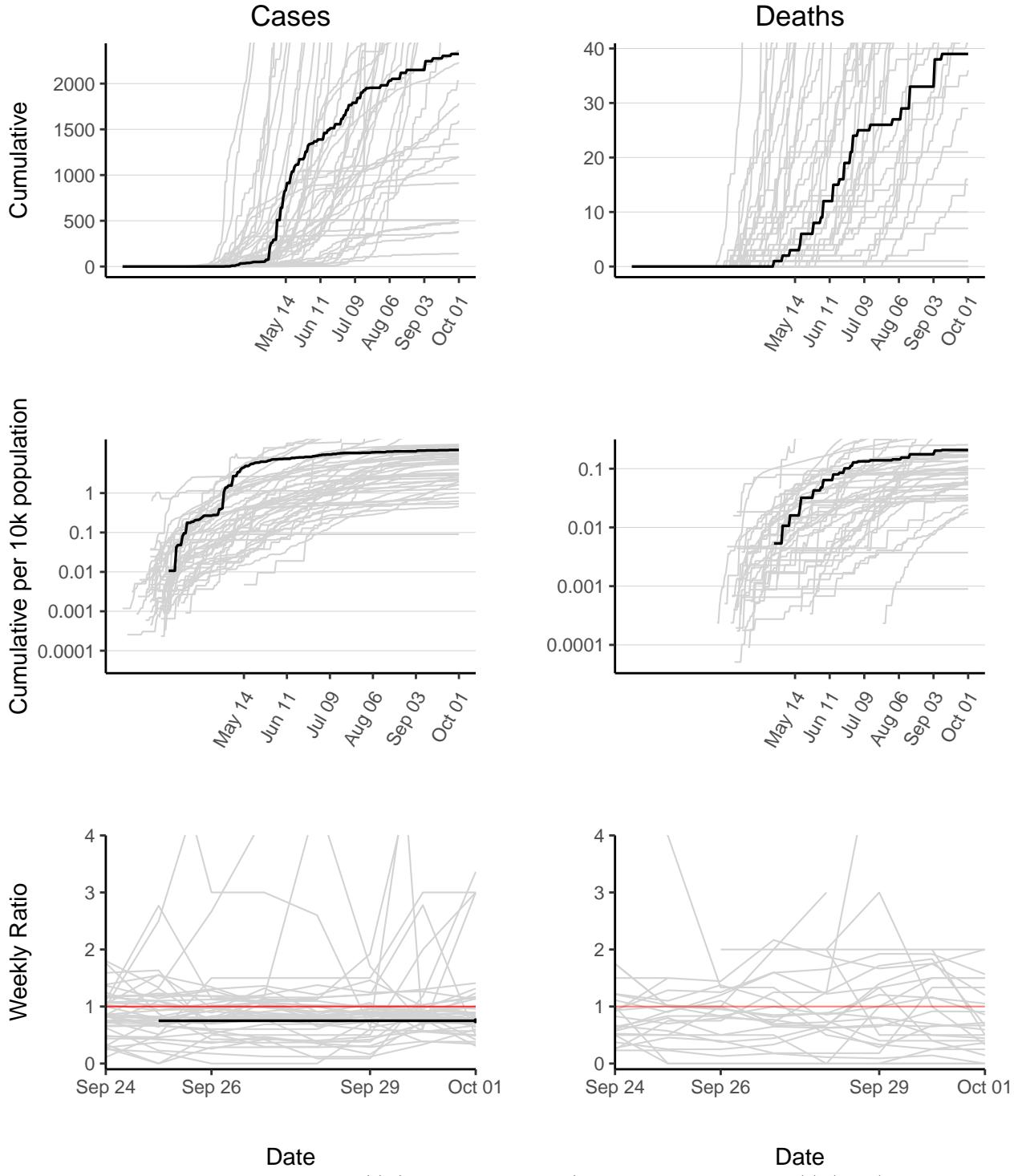


Cumulative per 10k population



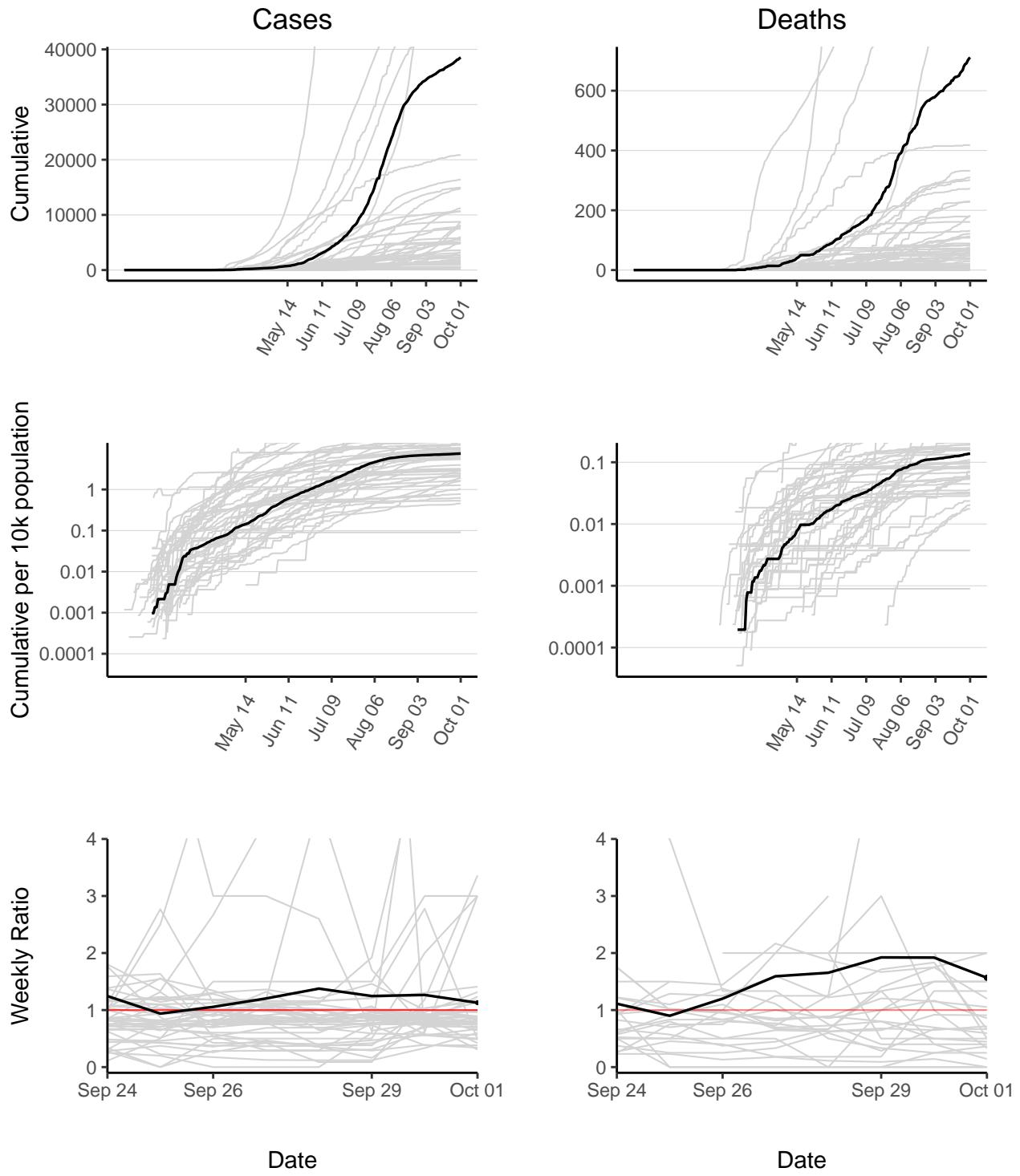
Guinea has 10652 reported case(s) (13th in the region) and 66 reported death(s) (27th). Cumulative counts per 10,000 population of reported cases and deaths are 8.6 (18th) and 0.053 (34th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.78 (28th). The weekly ratio of reported deaths over the last 2 weeks is 0.5 (17th).

Guinea-Bissau



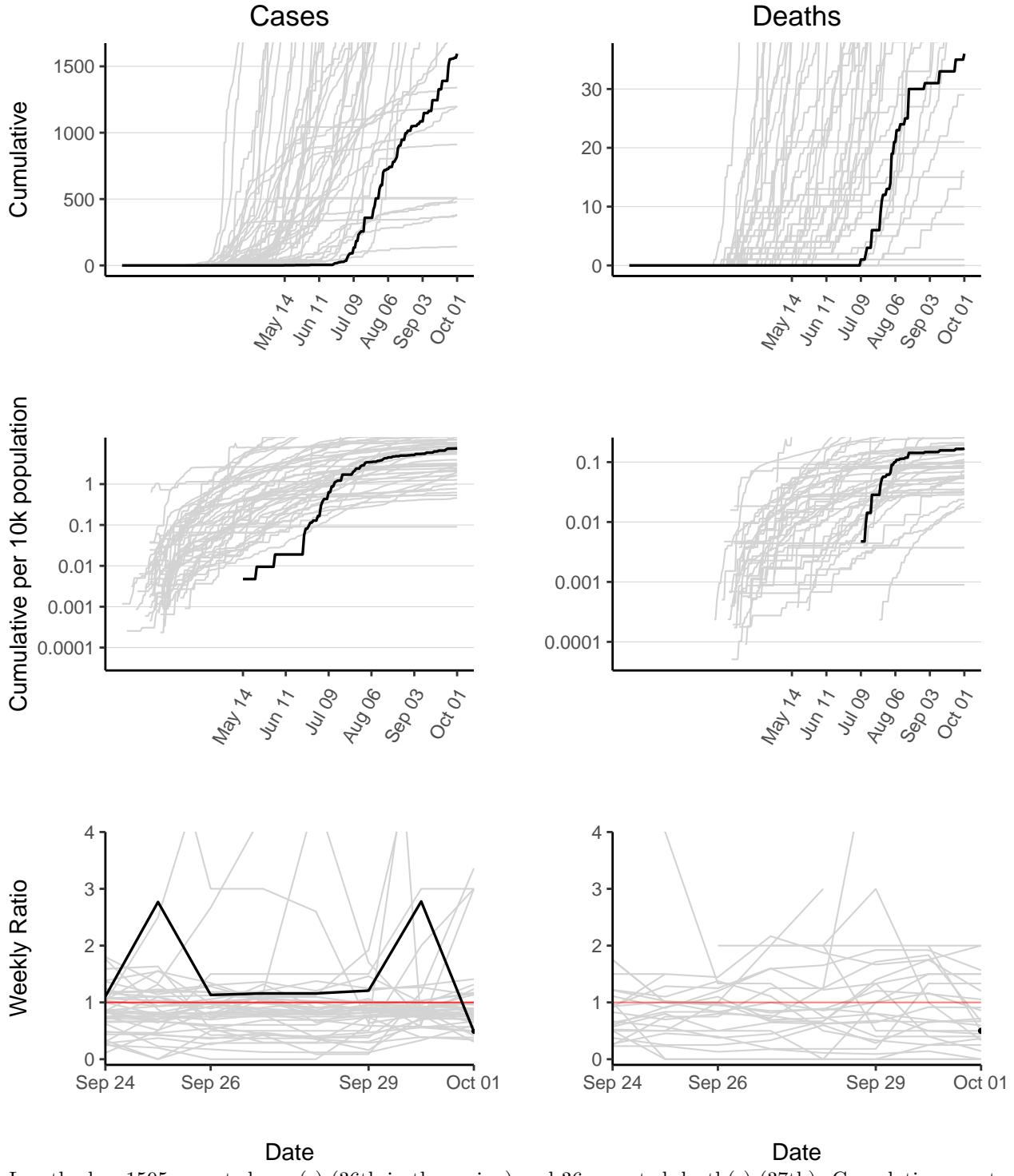
Guinea-Bissau has 2324 reported case(s) (32nd in the region) and 39 reported death(s) (36th). Cumulative counts per 10,000 population of reported cases and deaths are 12 (13th) and 0.21 (11th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.75 (30th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Kenya



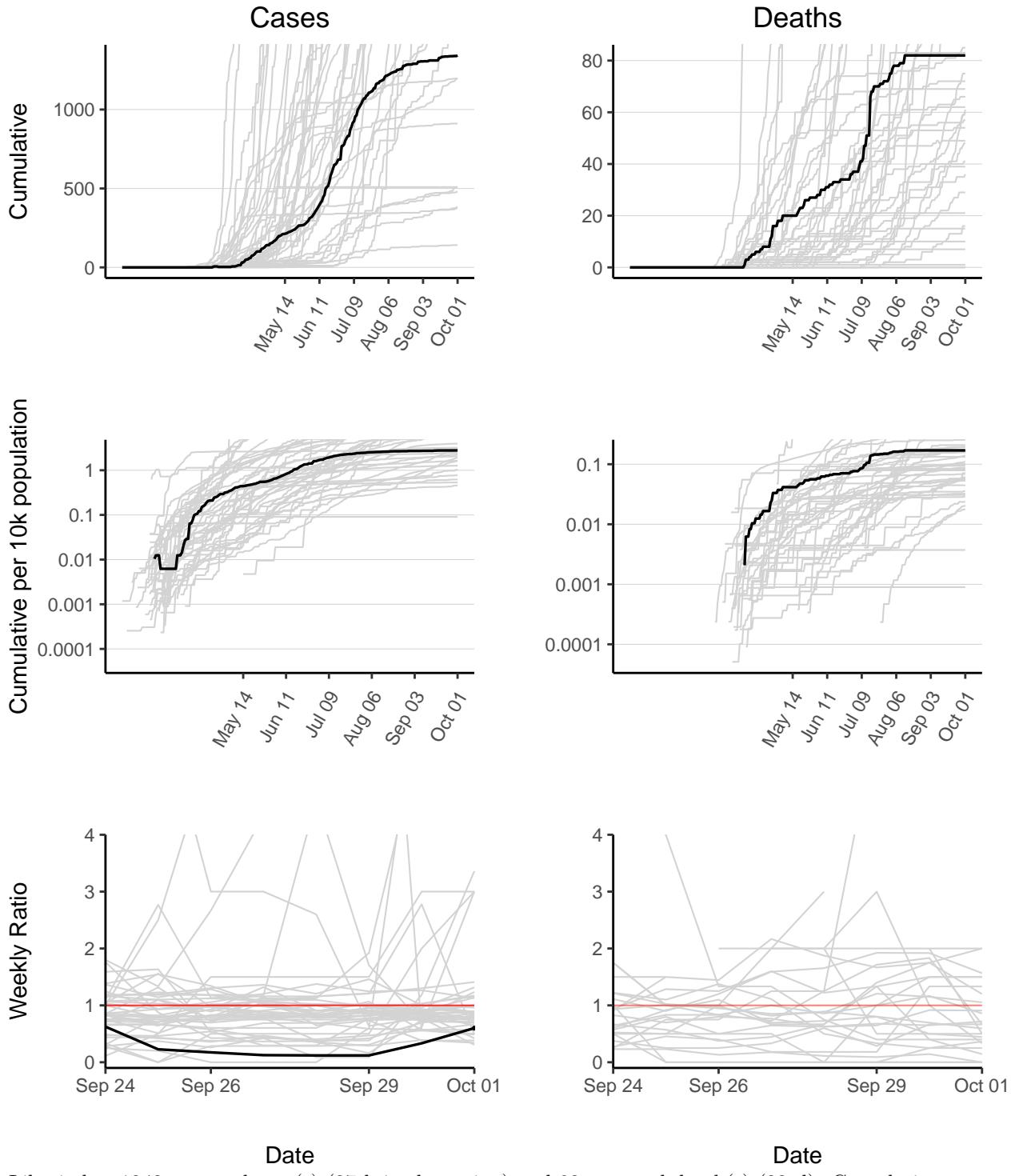
Kenya has 38529 reported case(s) (6th in the region) and 711 reported death(s) (5th). Cumulative counts per 10,000 population of reported cases and deaths are 7.5 (22nd) and 0.14 (19th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.1 (14th). The weekly ratio of reported deaths over the last 2 weeks is 1.6 (5th).

Lesotho



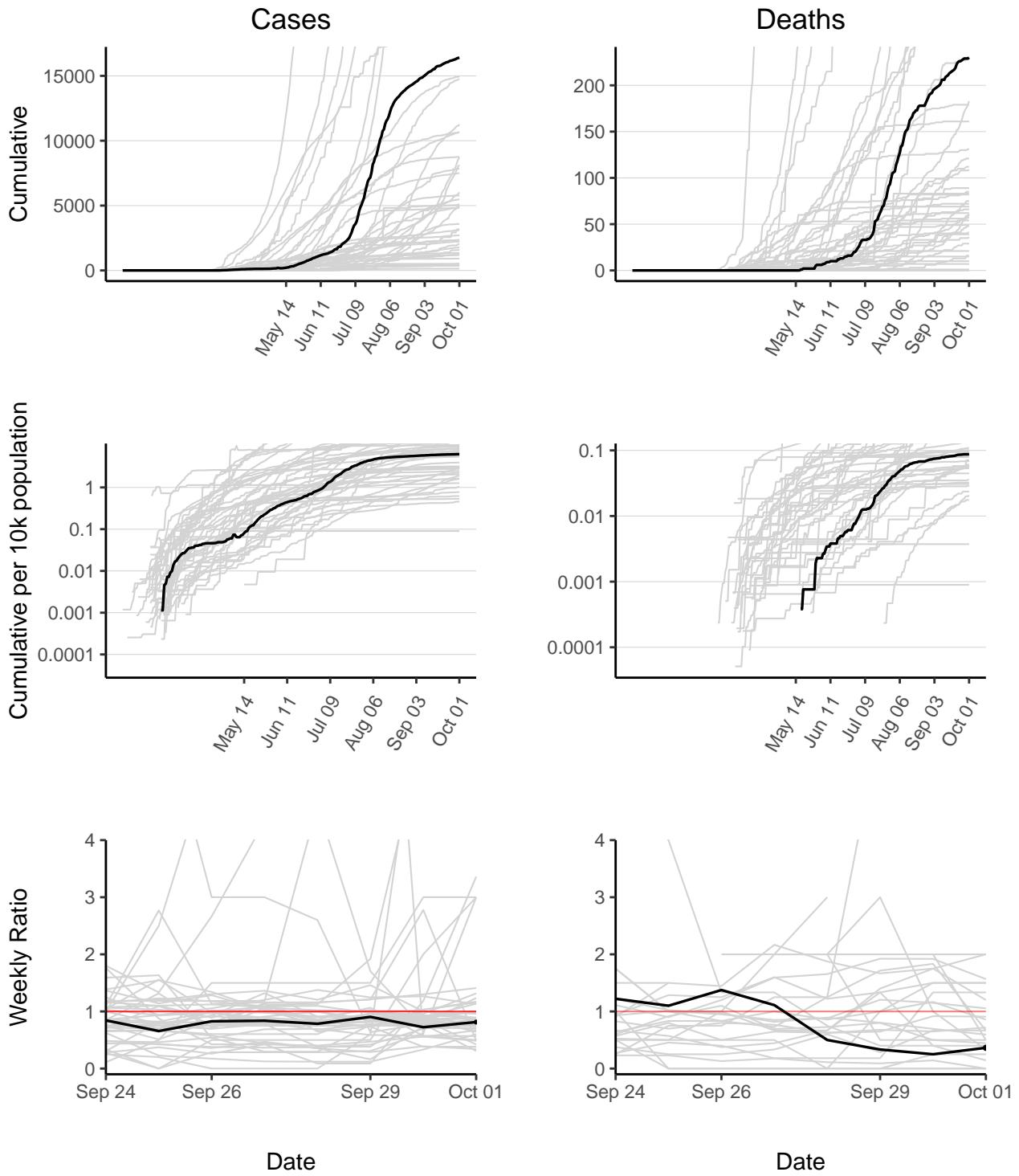
Lesotho has 1595 reported case(s) (36th in the region) and 36 reported death(s) (37th). Cumulative counts per 10,000 population of reported cases and deaths are 7.6 (21st) and 0.17 (14th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.49 (39th). The weekly ratio of reported deaths over the last 2 weeks is 0.5 (18th).

Liberia



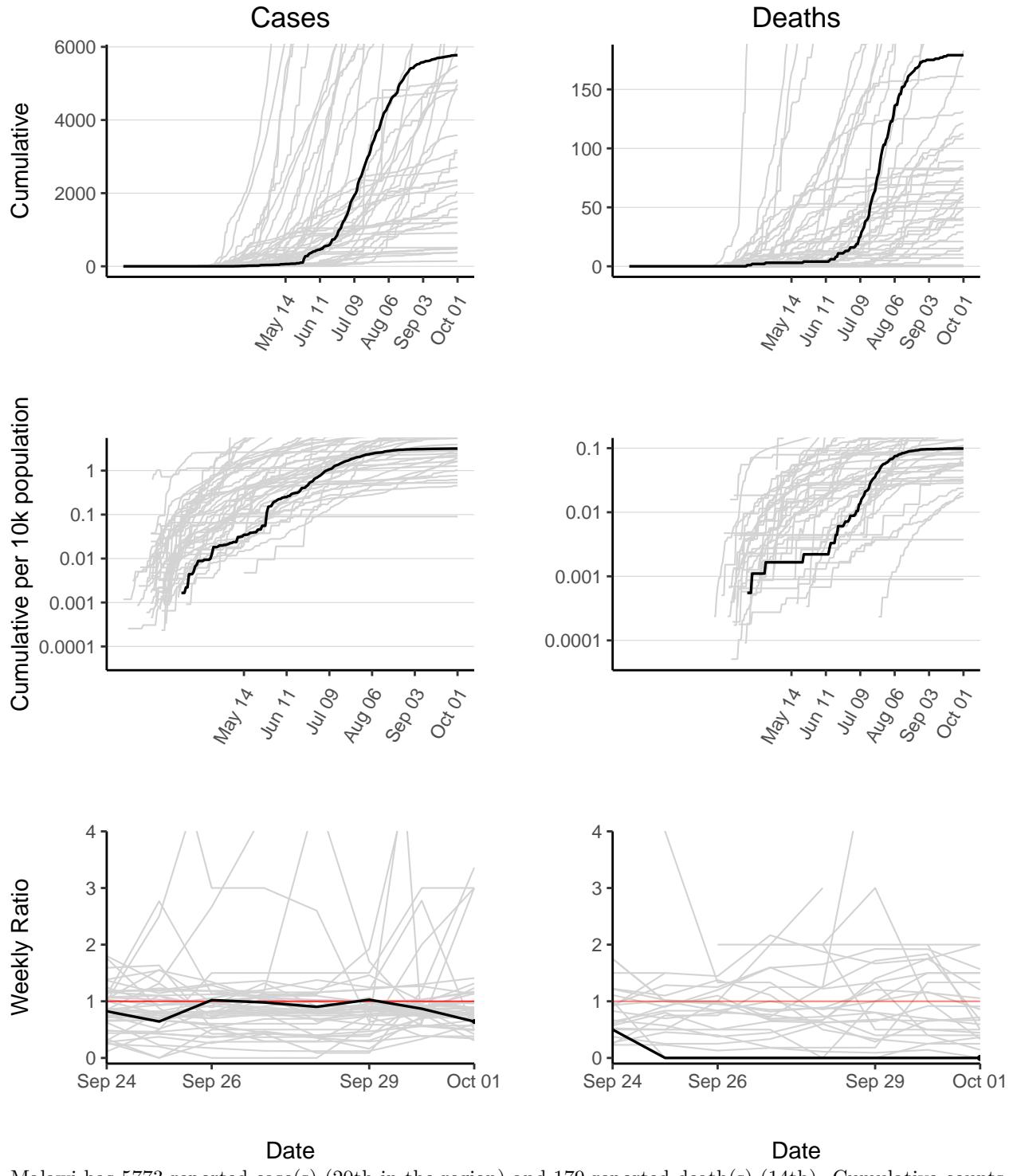
Date
Liberia has 1343 reported case(s) (37th in the region) and 82 reported death(s) (23rd). Cumulative counts per 10,000 population of reported cases and deaths are 2.8 (33rd) and 0.17 (15th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.6 (36th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Madagascar



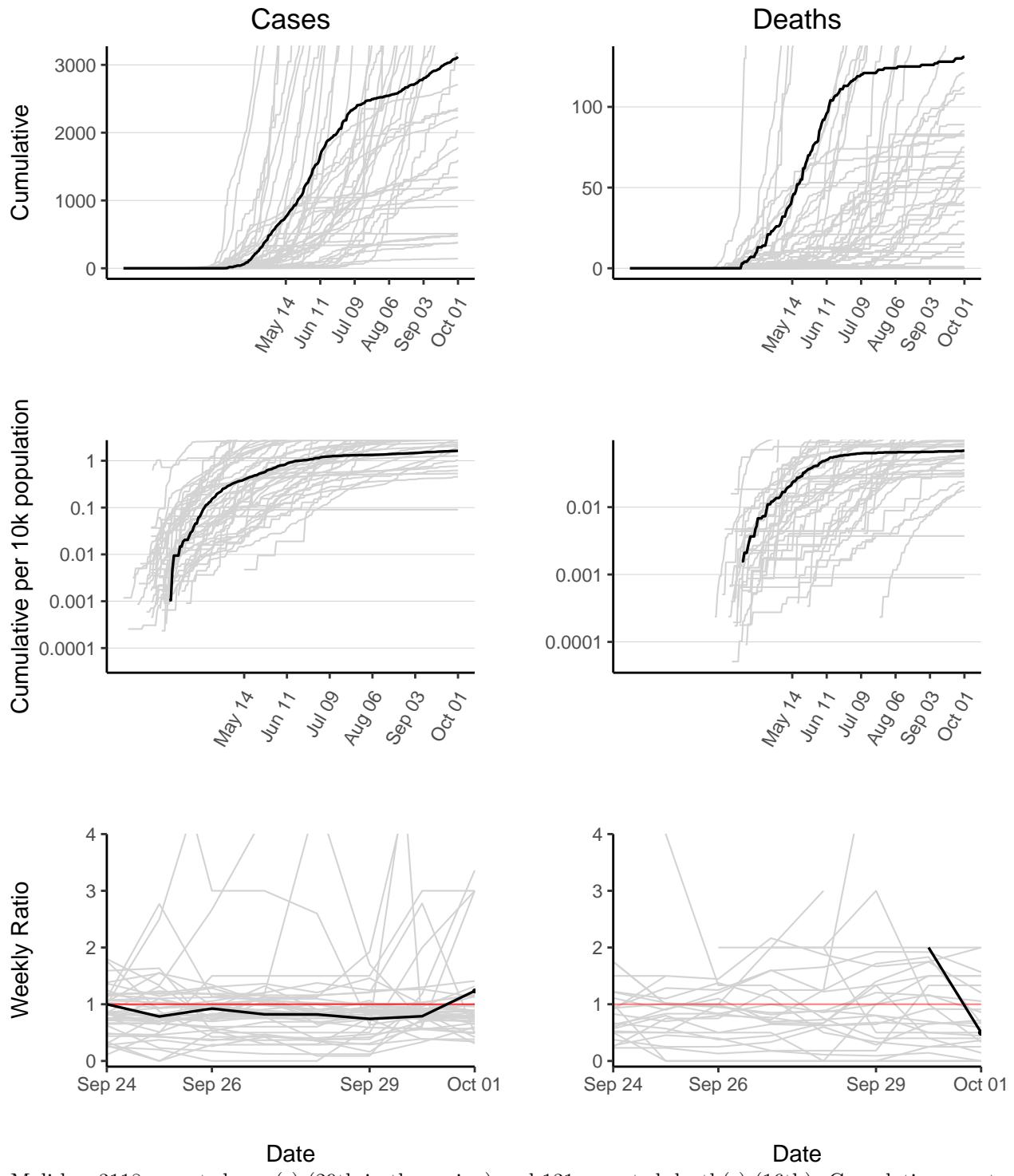
Madagascar has 16408 reported case(s) (8th in the region) and 230 reported death(s) (11th). Cumulative counts per 10,000 population of reported cases and deaths are 6.2 (24th) and 0.088 (25th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.81 (25th). The weekly ratio of reported deaths over the last 2 weeks is 0.36 (22nd).

Malawi



Date
 Malawi has 5773 reported case(s) (20th in the region) and 179 reported death(s) (14th). Cumulative counts per 10,000 population of reported cases and deaths are 3.2 (28th) and 0.099 (23rd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.64 (35th). The weekly ratio of reported deaths over the last 2 weeks is 0 (27th).

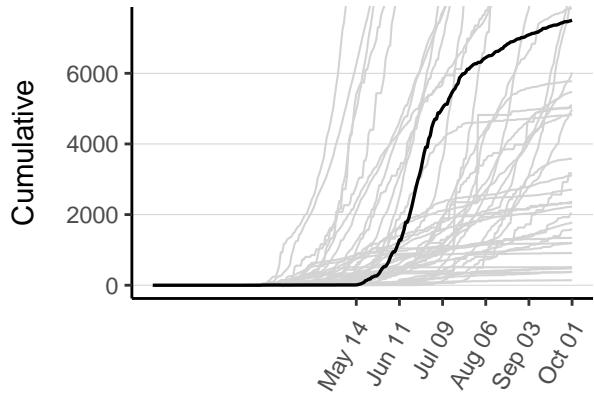
Mali



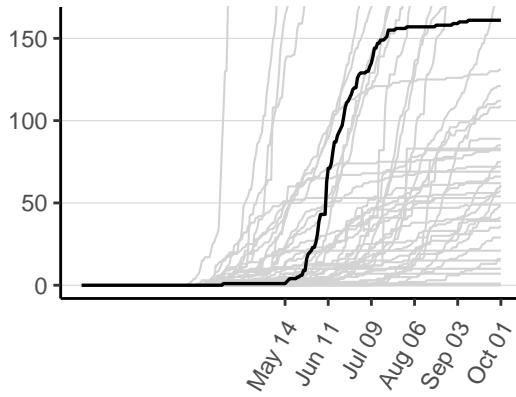
Date
Mali has 3118 reported case(s) (29th in the region) and 131 reported death(s) (16th). Cumulative counts per 10,000 population of reported cases and deaths are 1.6 (38th) and 0.069 (29th) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.2 (10th). The weekly ratio of reported deaths over the last 2 weeks is 0.5 (19th).

Mauritania

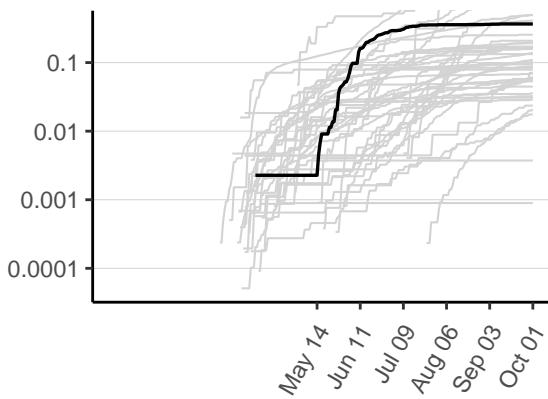
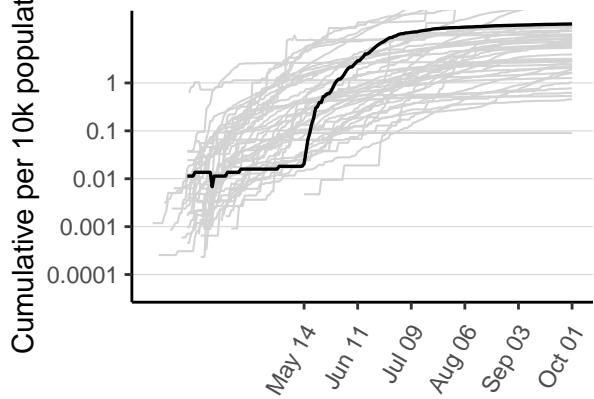
Cases



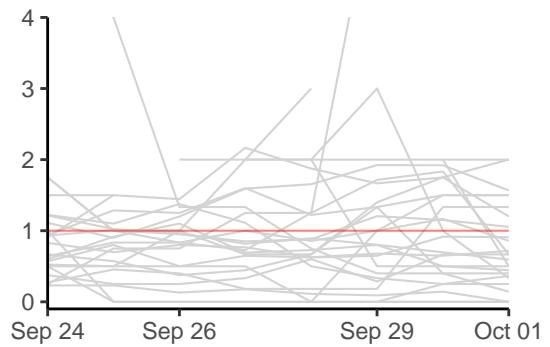
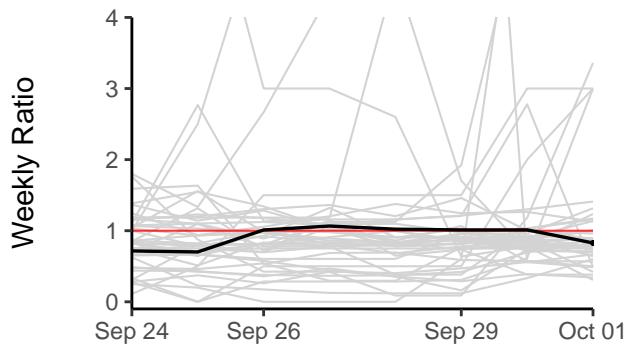
Deaths



Cumulative per 10k population



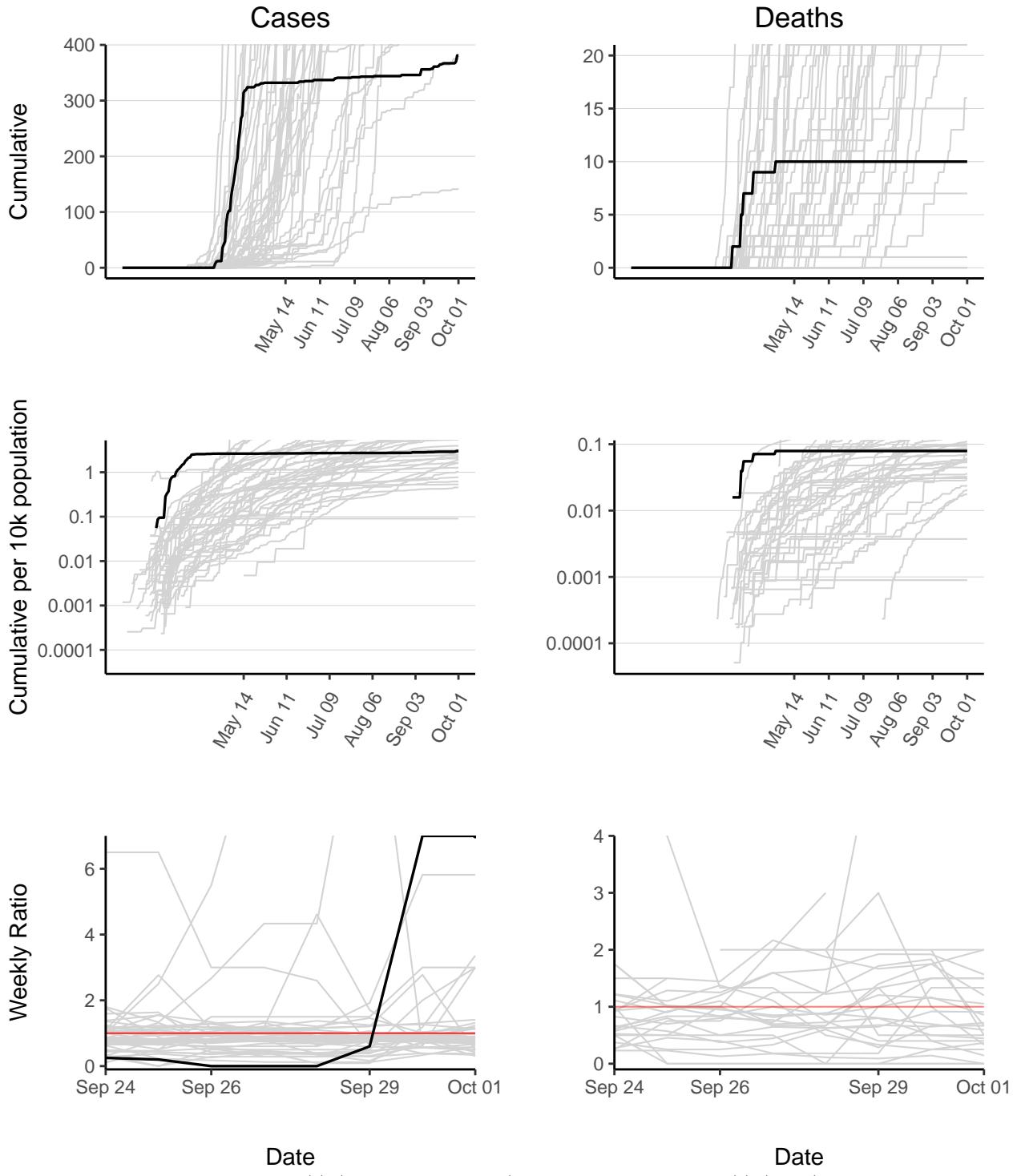
Weekly Ratio



Date

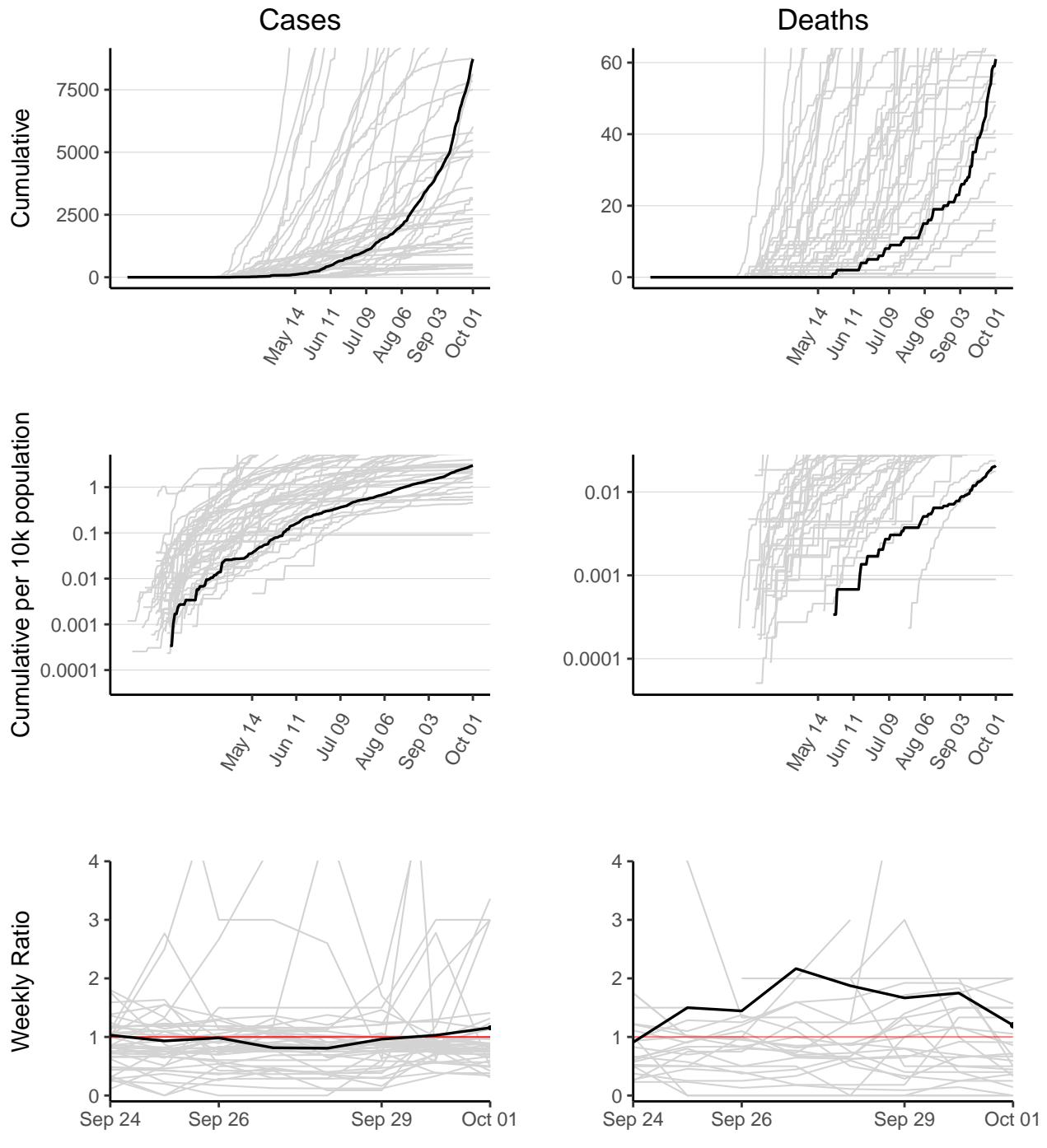
Mauritania has 7502 reported case(s) (18th in the region) and 161 reported death(s) (15th). Cumulative counts per 10,000 population of reported cases and deaths are 17 (8th) and 0.37 (9th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.83 (23rd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Mauritius



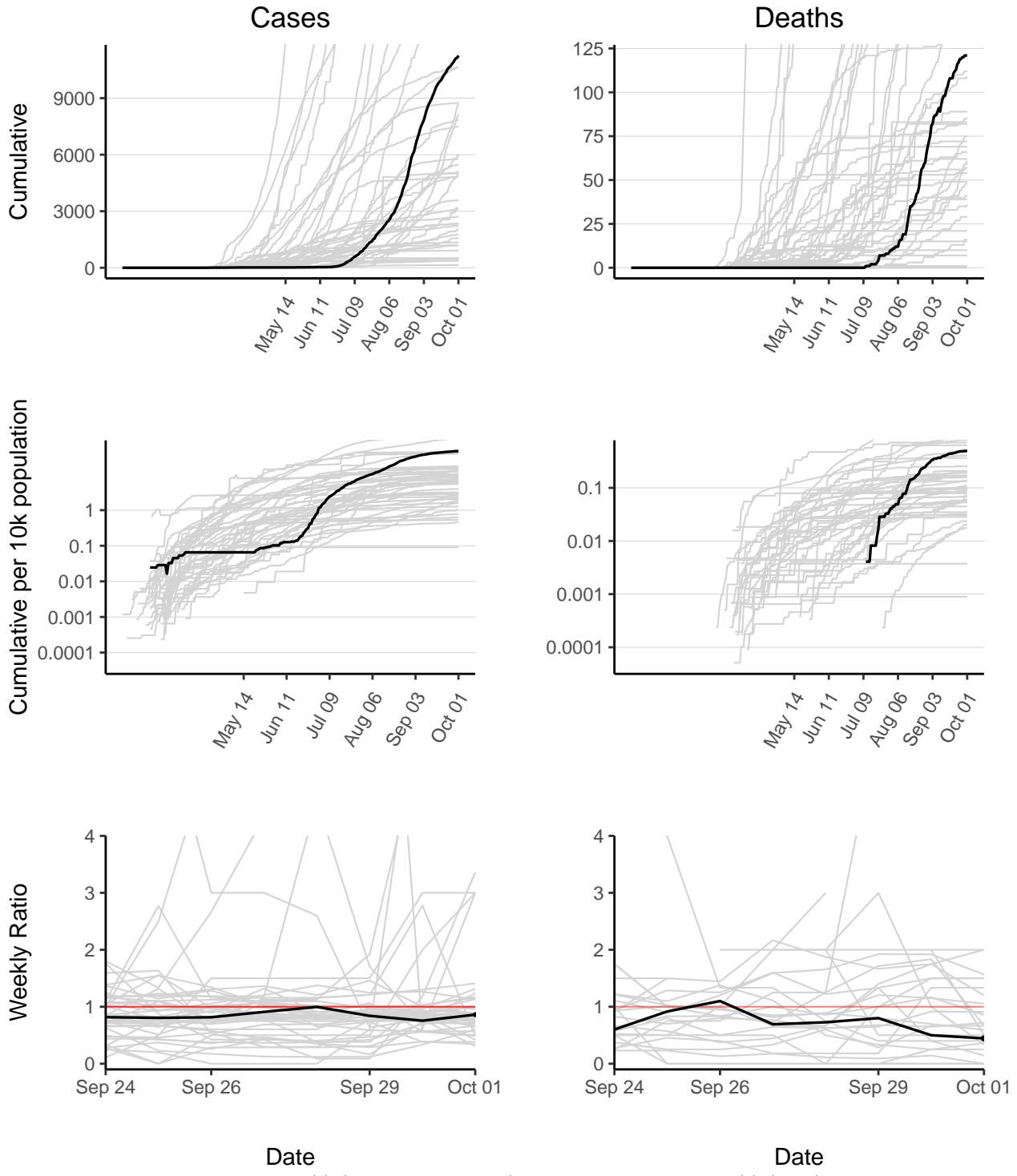
Date
Mauritius has 381 reported case(s) (44th in the region) and 10 reported death(s) (42nd). Cumulative counts per 10,000 population of reported cases and deaths are 3 (29th) and 0.079 (27th) respectively. The weekly ratio of reported cases over the last 2 weeks is 7 (2nd). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Mozambique



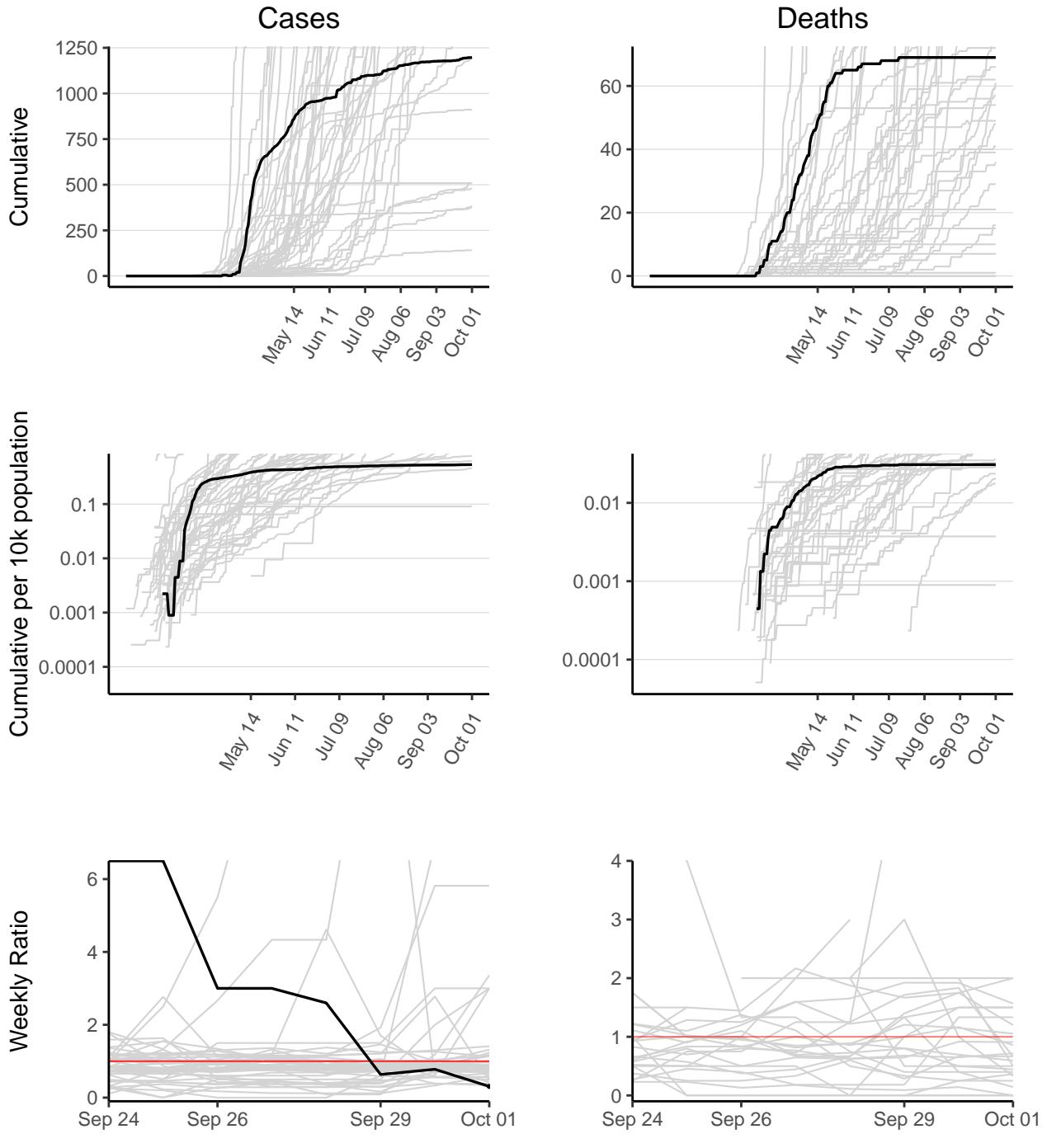
Date
Mozambique has 8728 reported case(s) (15th in the region) and 61 reported death(s) (29th). Cumulative counts per 10,000 population of reported cases and deaths are 3 (31st) and 0.021 (41st) respectively. The weekly ratio of reported cases over the last 2 weeks is 1.2 (12th). The weekly ratio of reported deaths over the last 2 weeks is 1.2 (9th).

Namibia



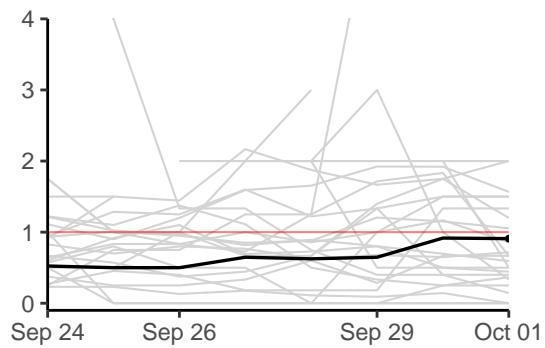
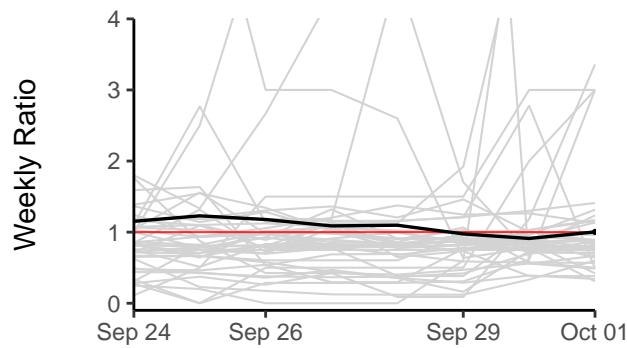
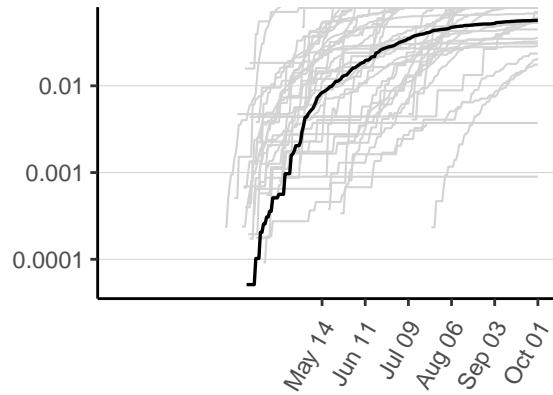
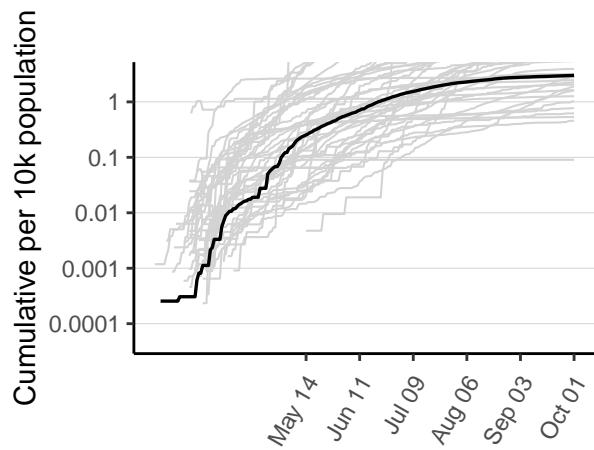
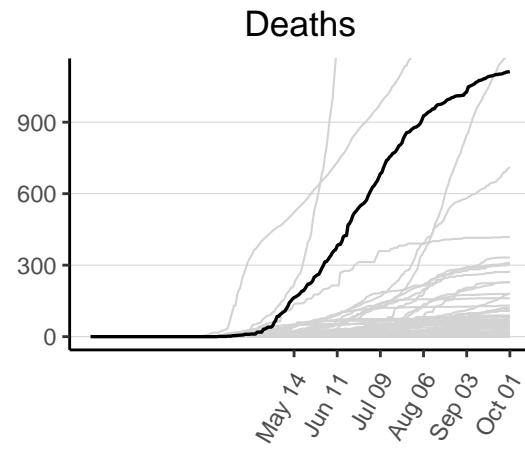
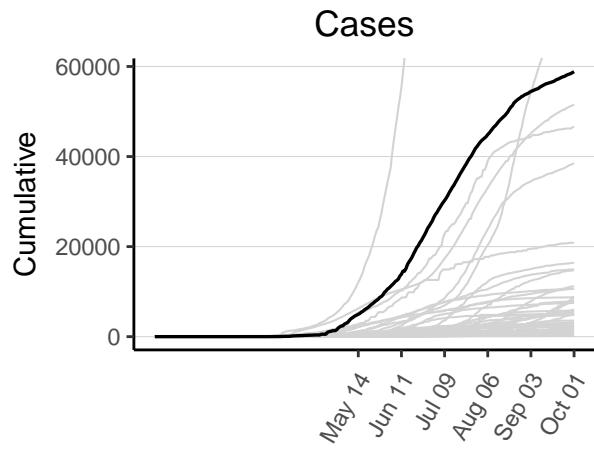
Namibia has 11265 reported case(s) (11th in the region) and 121 reported death(s) (17th). Cumulative counts per 10,000 population of reported cases and deaths are 46 (3rd) and 0.49 (6th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.86 (22nd). The weekly ratio of reported deaths over the last 2 weeks is 0.44 (20th).

Niger



Date
 Niger has 1197 reported case(s) (39th in the region) and 69 reported death(s) (26th). Cumulative counts per 10,000 population of reported cases and deaths are 0.53 (44th) and 0.031 (38th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.31 (44th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

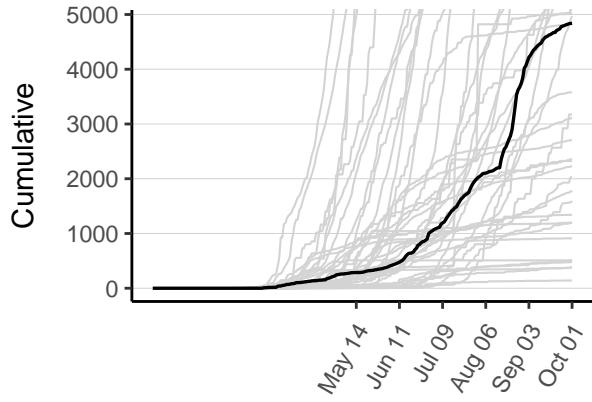
Nigeria



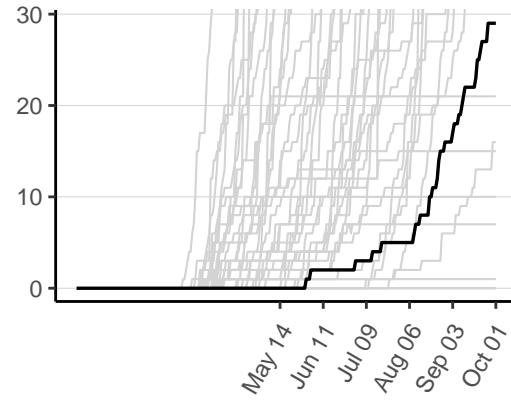
Date
 Nigeria has 58848 reported case(s) (3rd in the region) and 1112 reported death(s) (4th). Cumulative counts per 10,000 population of reported cases and deaths are 3 (30th) and 0.057 (32nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 1 (15th). The weekly ratio of reported deaths over the last 2 weeks is 0.91 (11th).

Rwanda

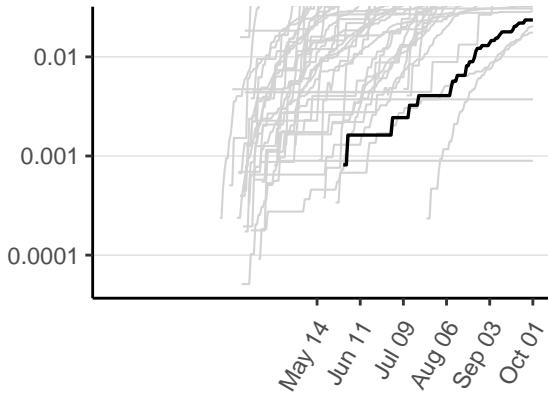
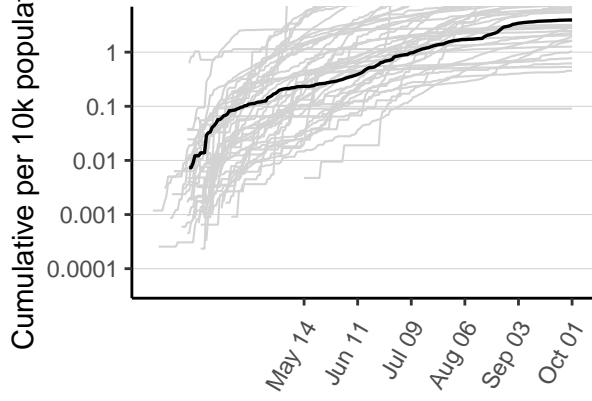
Cases



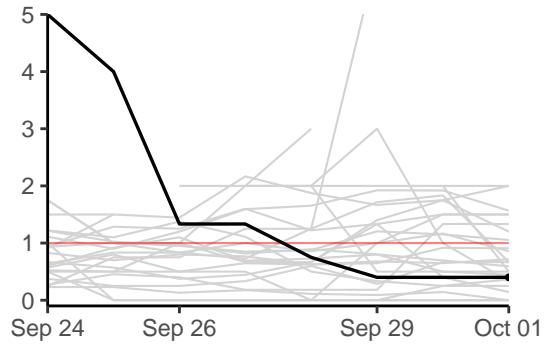
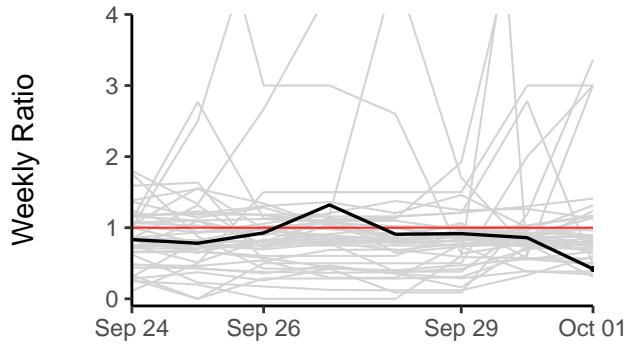
Deaths



Cumulative per 10k population



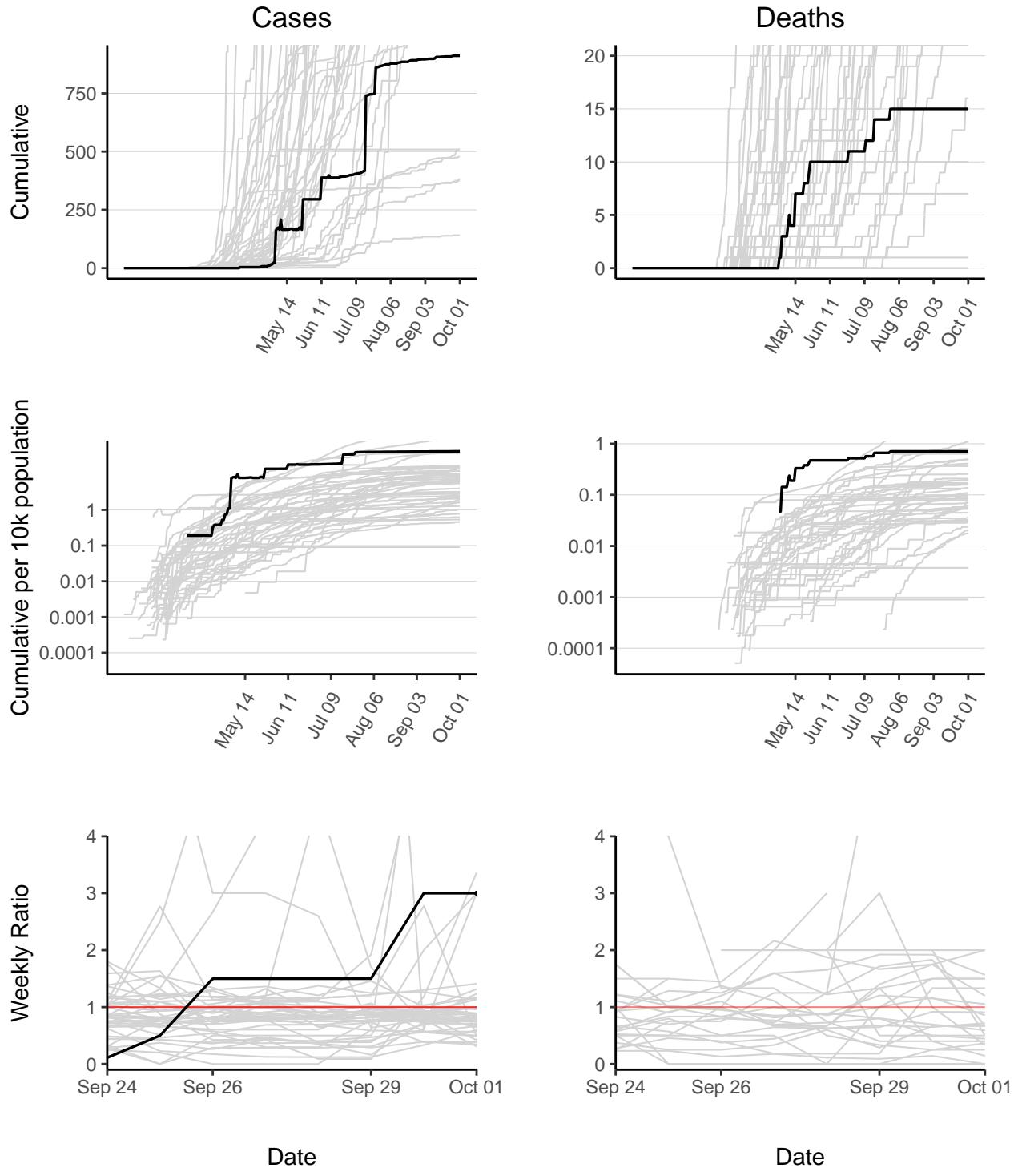
Weekly Ratio



Date

Rwanda has 4840 reported case(s) (25th in the region) and 29 reported death(s) (38th). Cumulative counts per 10,000 population of reported cases and deaths are 3.9 (27th) and 0.024 (40th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.42 (41st). The weekly ratio of reported deaths over the last 2 weeks is 0.4 (21st).

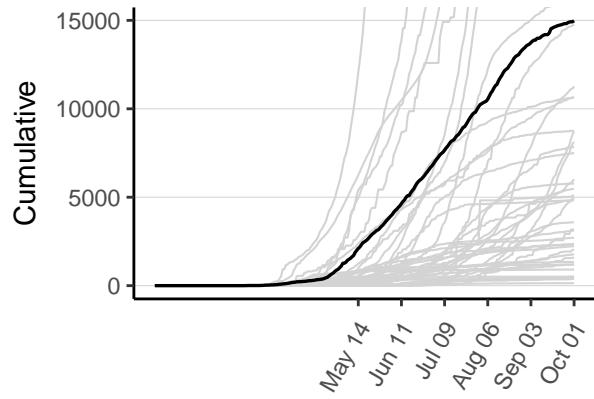
Sao Tome and Principe



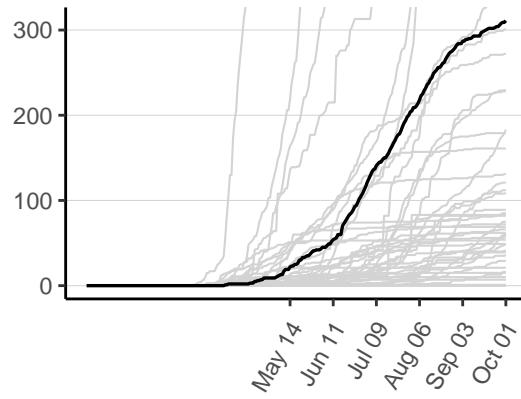
Sao Tome and Principe has 911 reported case(s) (40th in the region) and 15 reported death(s) (41st). Cumulative counts per 10,000 population of reported cases and deaths are 43 (4th) and 0.71 (4th) respectively. The weekly ratio of reported cases over the last 2 weeks is 3 (6th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Senegal

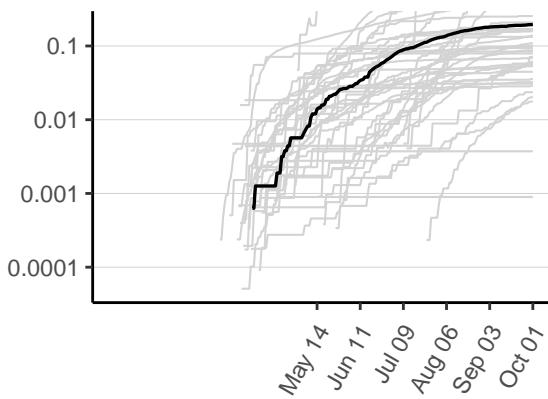
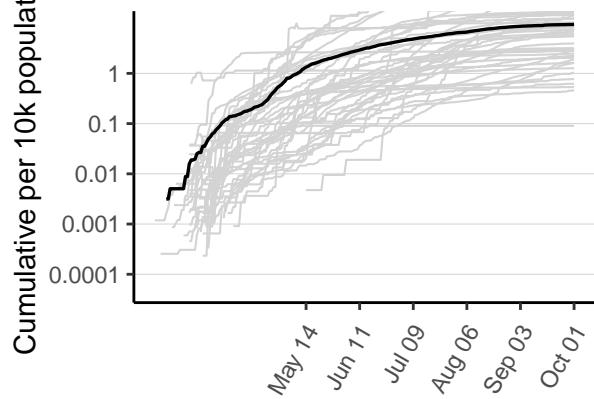
Cases



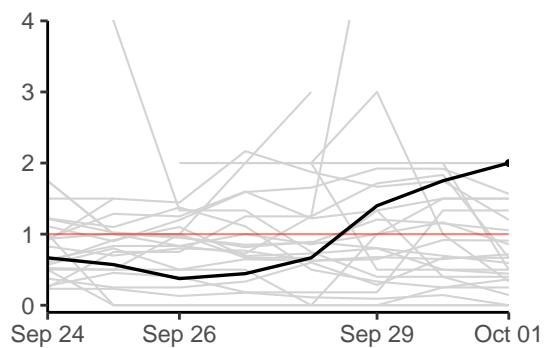
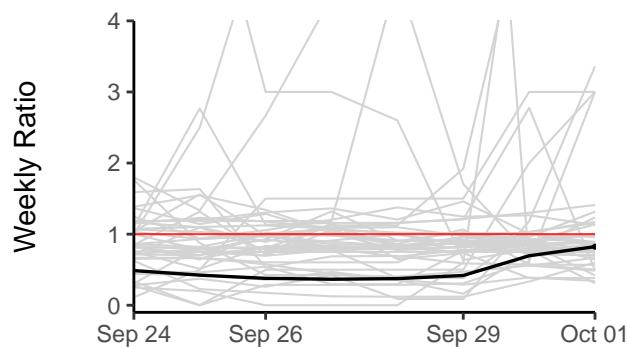
Deaths



Cumulative per 10k population



Weekly Ratio

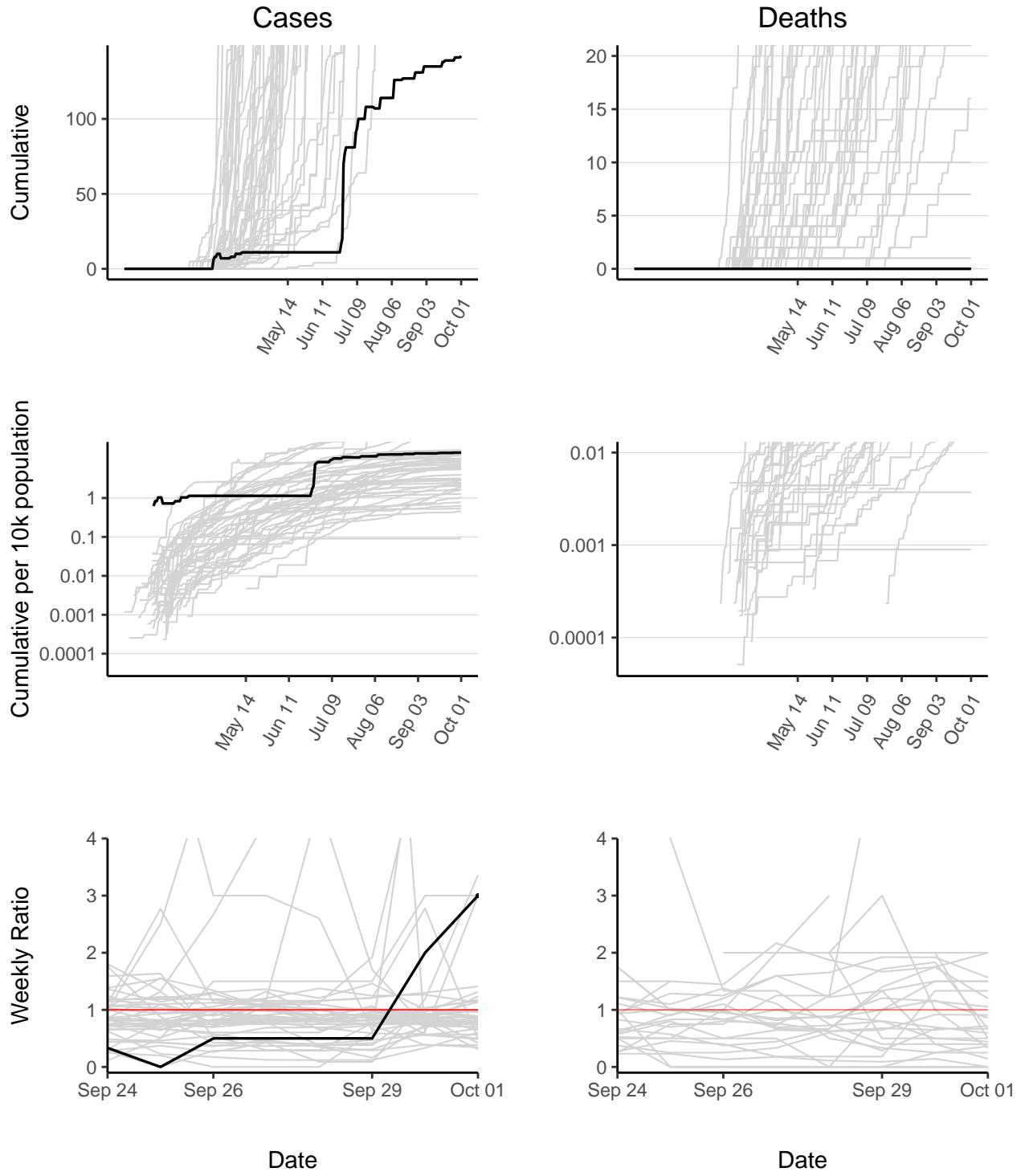


Date

Senegal has 14982 reported case(s) (9th in the region) and 311 reported death(s) (8th). Cumulative counts per 10,000 population of reported cases and deaths are 9.4 (17th) and 0.2 (12th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.82 (24th). The weekly ratio of reported deaths over the last 2 weeks is 2 (4th).

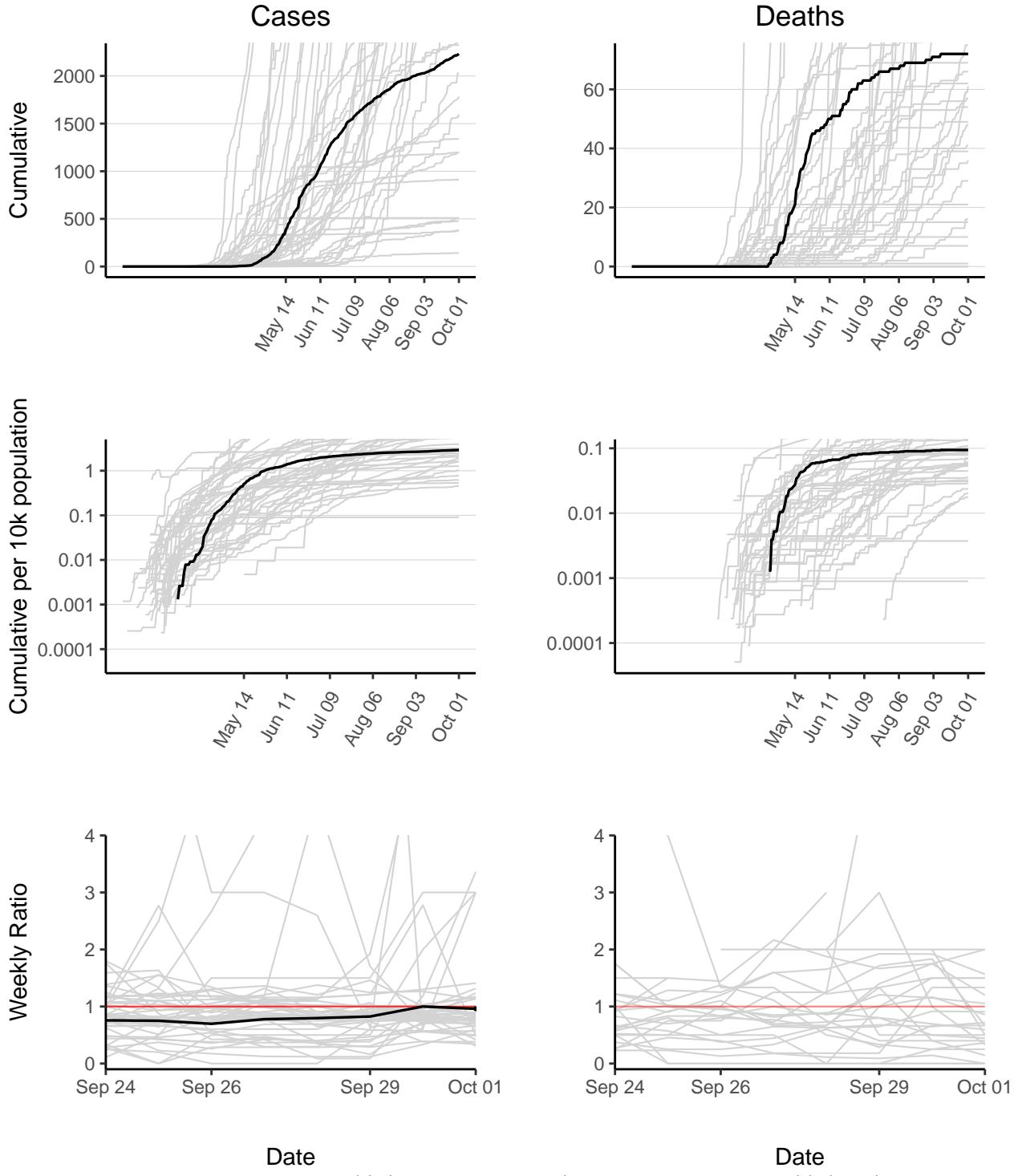
Date

Seychelles



Date
 Seychelles has 142 reported case(s) (46th in the region) and 0 reported death(s) (46th). Cumulative counts per 10,000 population of reported cases and deaths are 15 (11th) and 0 (46th) respectively. The weekly ratio of reported cases over the last 2 weeks is 3 (7th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

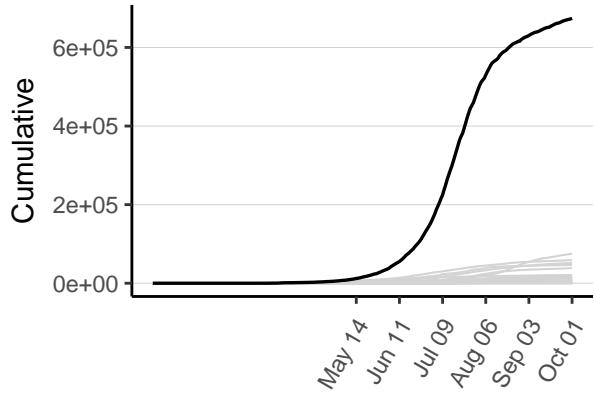
Sierra Leone



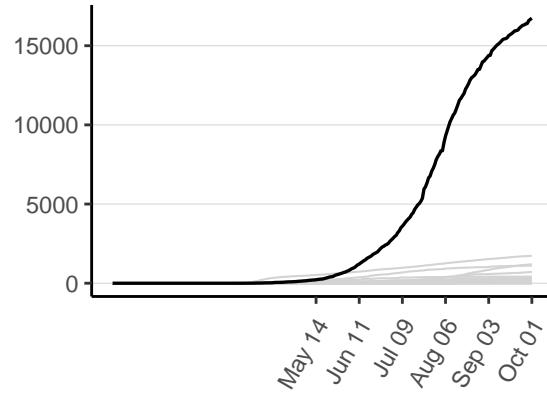
Sierra Leone has 2231 reported case(s) (33rd in the region) and 72 reported death(s) (25th). Cumulative counts per 10,000 population of reported cases and deaths are 2.9 (32nd) and 0.094 (24th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.96 (17th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

South Africa

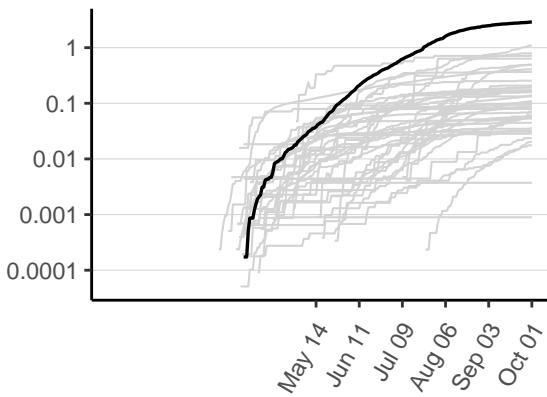
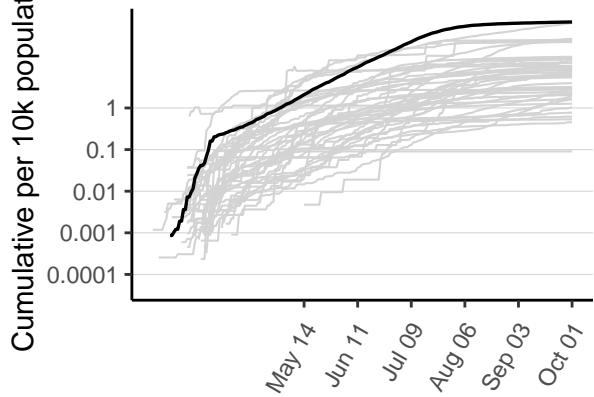
Cases



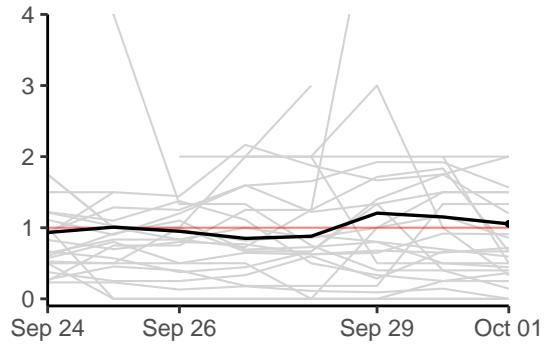
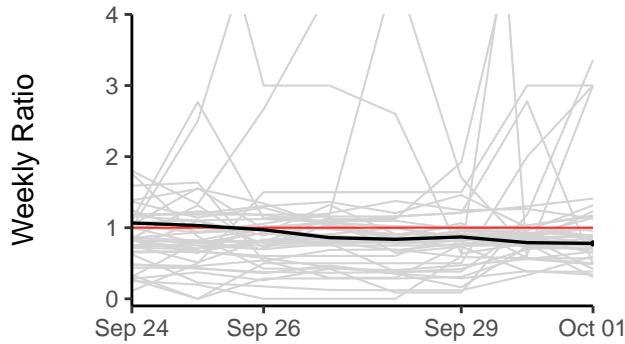
Deaths



Cumulative per 10k population



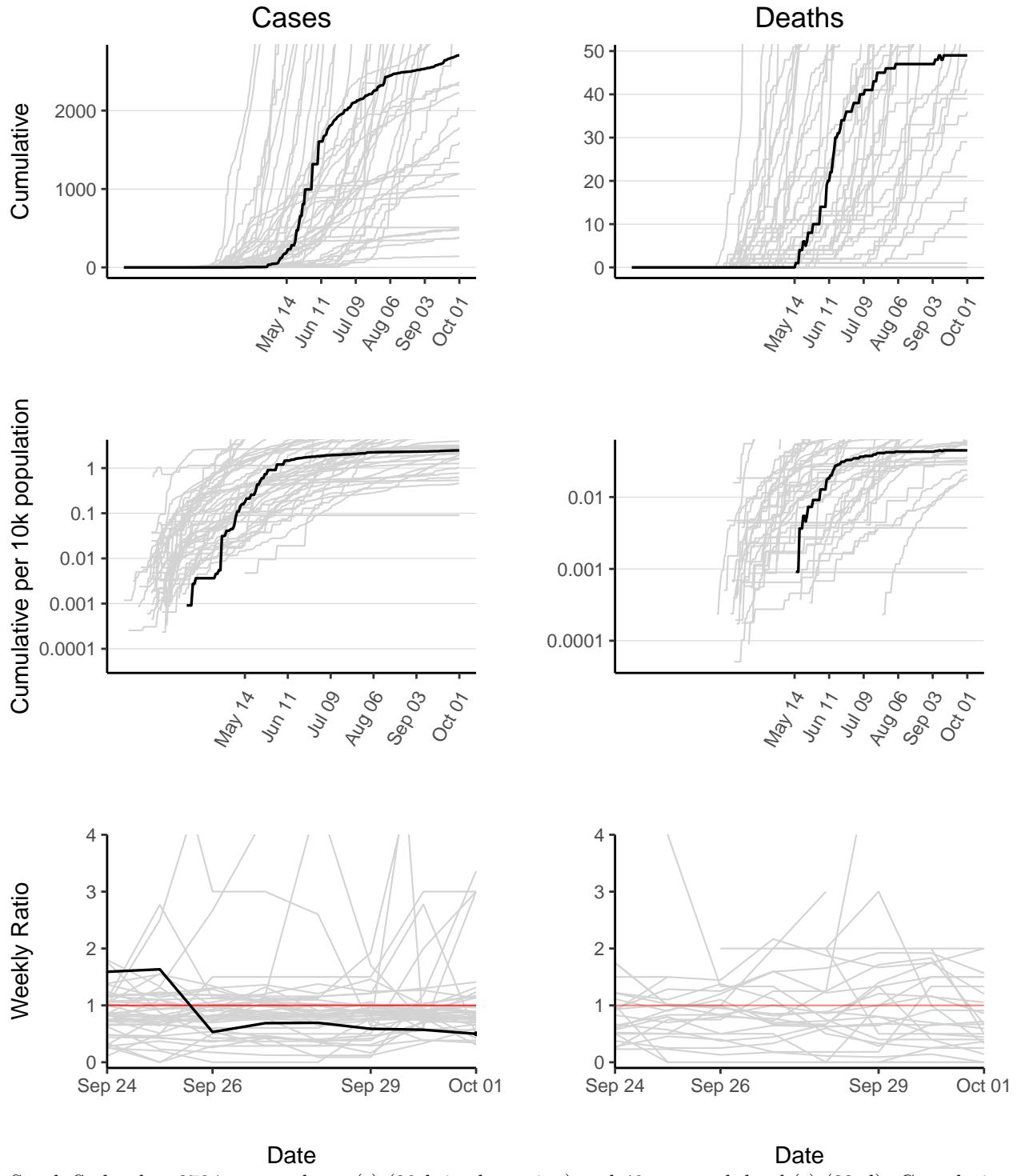
Weekly Ratio



Date

South Africa has 674339 reported case(s) (1st in the region) and 16734 reported death(s) (1st). Cumulative counts per 10,000 population of reported cases and deaths are 120 (1st) and 2.9 (1st) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.78 (27th). The weekly ratio of reported deaths over the last 2 weeks is 1.1 (10th).

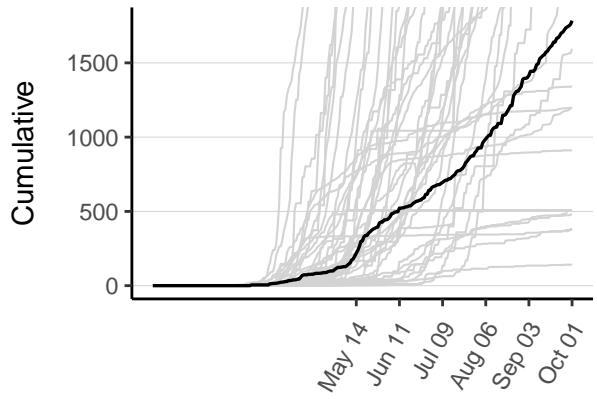
South Sudan



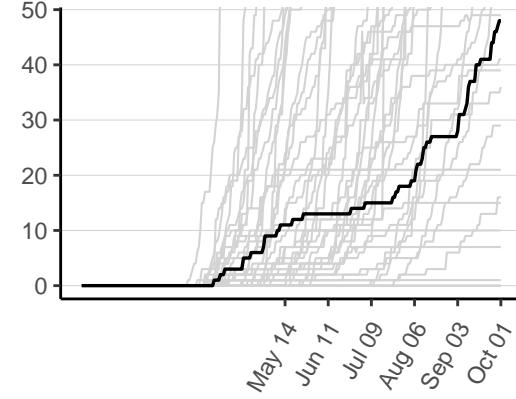
South Sudan has 2704 reported case(s) (30th in the region) and 49 reported death(s) (33rd). Cumulative counts per 10,000 population of reported cases and deaths are 2.5 (34th) and 0.045 (35th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.5 (38th). The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in one of the last 2 weeks.

Togo

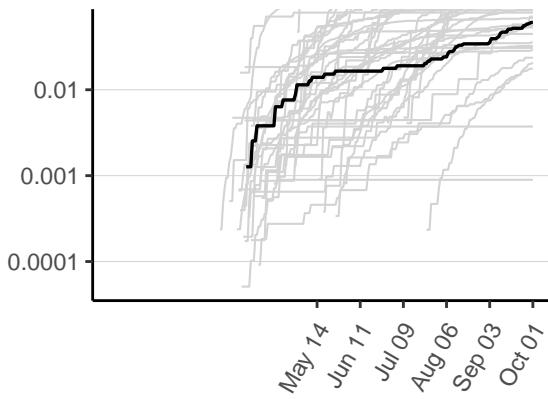
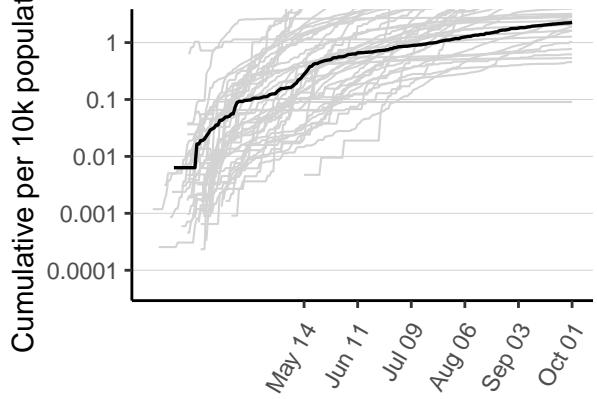
Cases



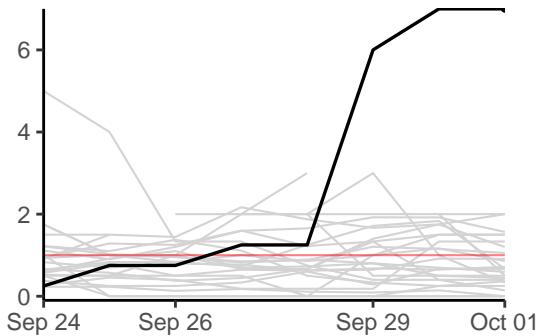
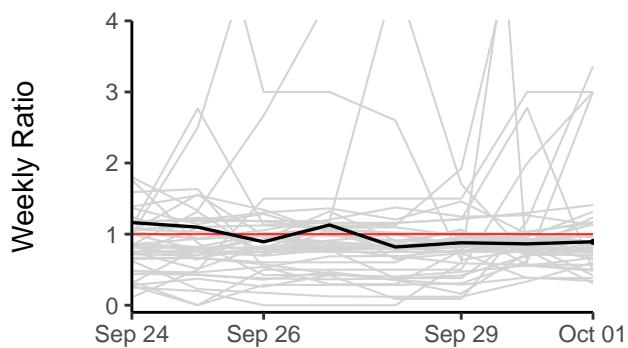
Deaths



Cumulative per 10k population



Weekly Ratio



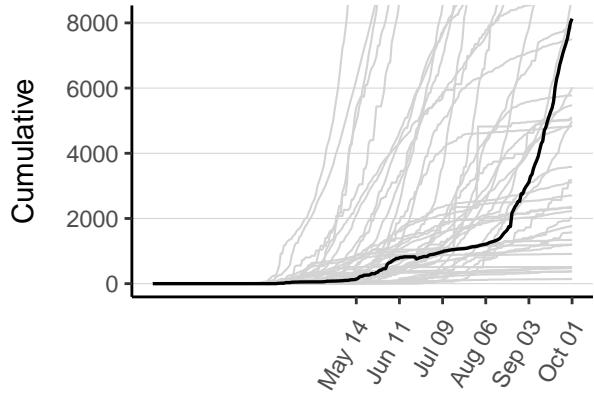
Date

Togo has 1784 reported case(s) (35th in the region) and 48 reported death(s) (34th). Cumulative counts per 10,000 population of reported cases and deaths are 2.3 (35th) and 0.061 (30th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.89 (18th). The weekly ratio of reported deaths over the last 2 weeks is 7 (1st).

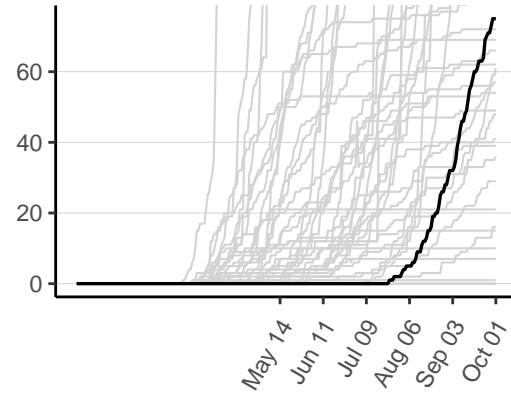
Date

Uganda

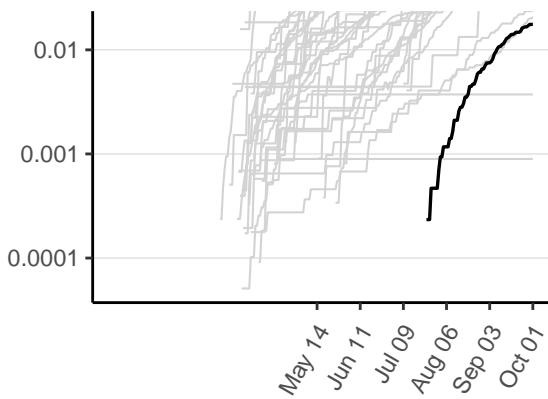
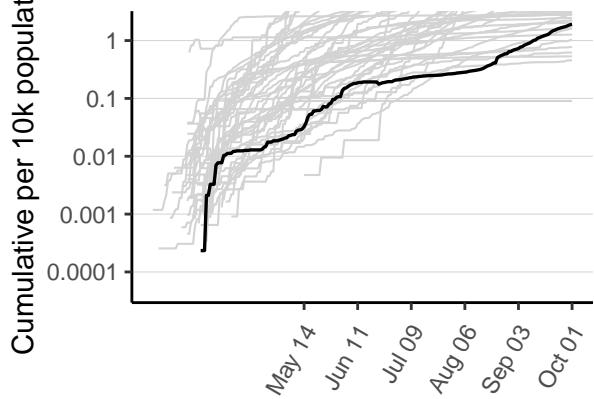
Cases



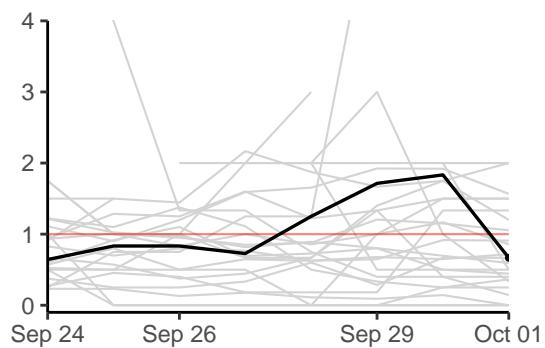
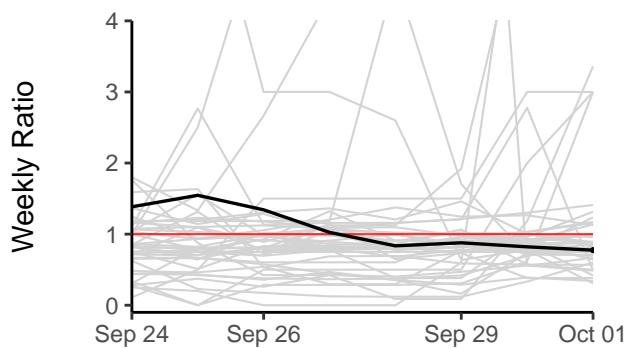
Deaths



Cumulative per 10k population



Weekly Ratio

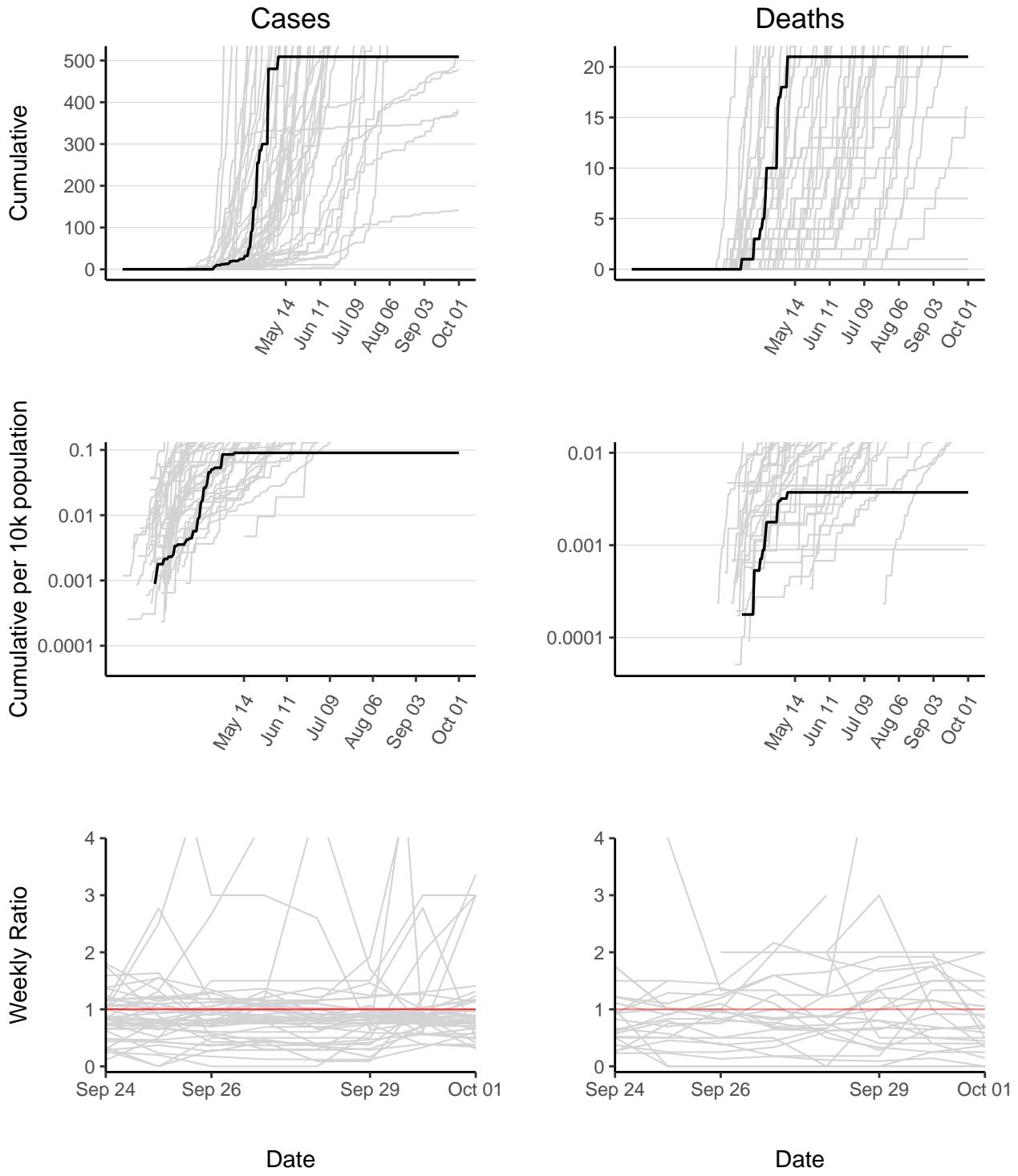


Date

Uganda has 8129 reported case(s) (16th in the region) and 75 reported death(s) (24th). Cumulative counts per 10,000 population of reported cases and deaths are 1.9 (37th) and 0.018 (42nd) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.77 (29th). The weekly ratio of reported deaths over the last 2 weeks is 0.67 (15th).

Date

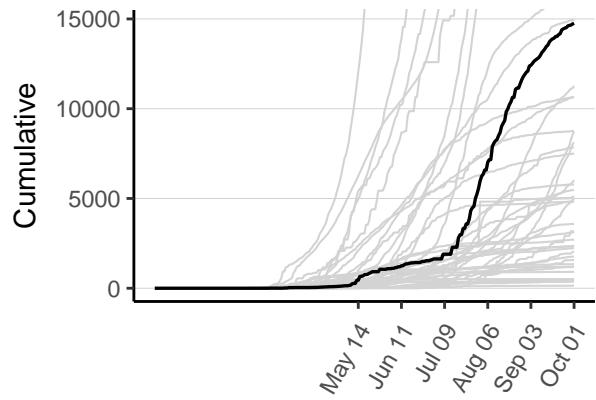
United Republic of Tanzania



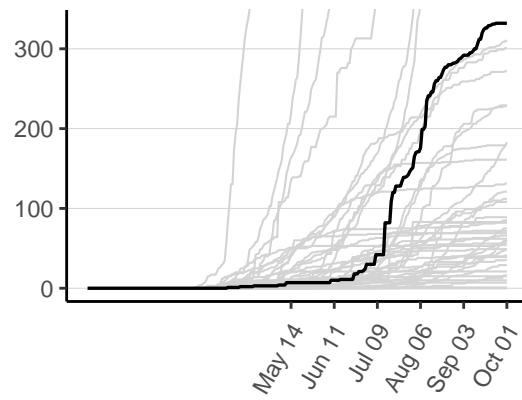
Date
 United Republic of Tanzania has 509 reported case(s) (42nd in the region) and 21 reported death(s) (39th). Cumulative counts per 10,000 population of reported cases and deaths are 0.09 (46th) and 0.0037 (43rd) respectively. The weekly ratio of reported cases cannot be calculated as no new cases have been reported in 1 of the last 2 weeks. The weekly ratio of reported deaths cannot be calculated as no new deaths have been reported in 1 of the last 2 weeks.

Zambia

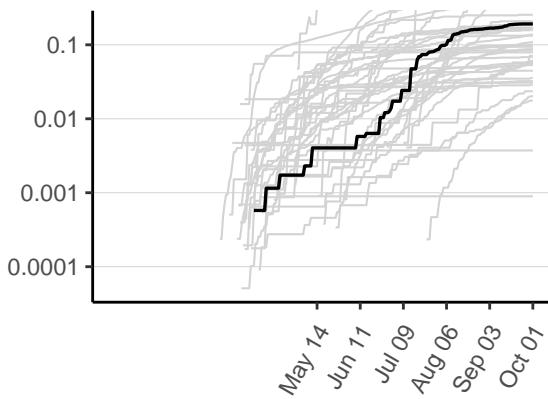
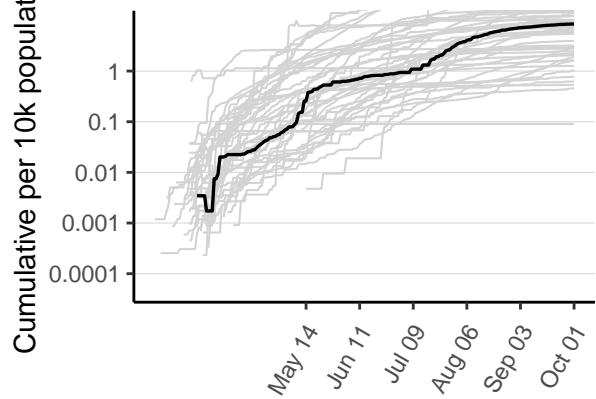
Cases



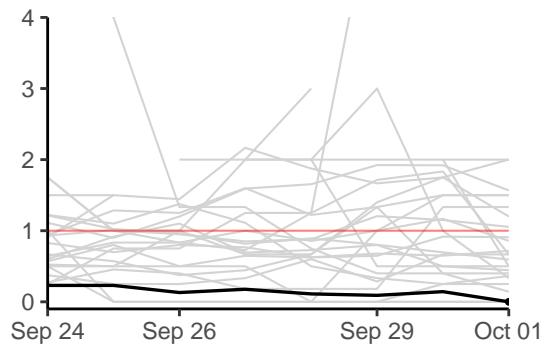
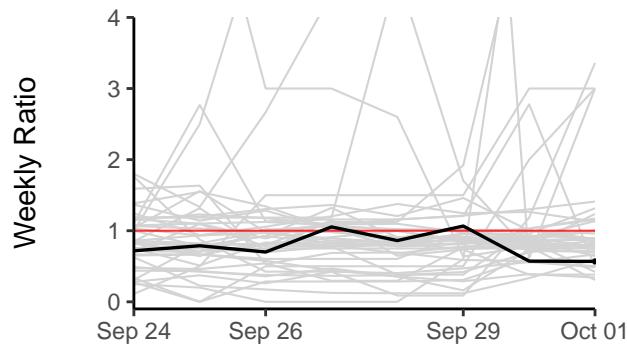
Deaths



Cumulative per 10k population



Weekly Ratio

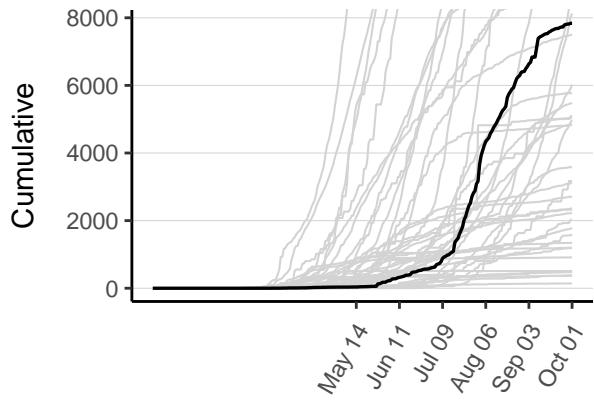


Date

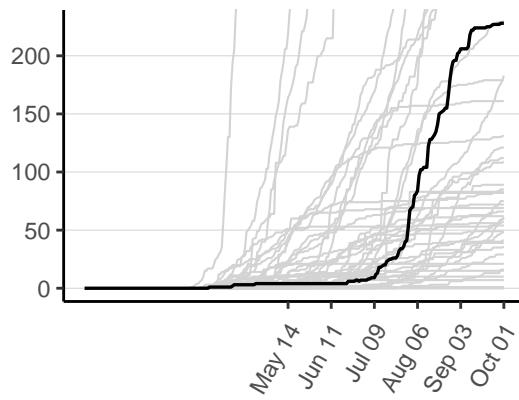
Zambia has 14759 reported case(s) (10th in the region) and 332 reported death(s) (7th). Cumulative counts per 10,000 population of reported cases and deaths are 8.5 (19th) and 0.19 (13th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.57 (37th). The weekly ratio of reported deaths over the last 2 weeks is 0 (28th).

Zimbabwe

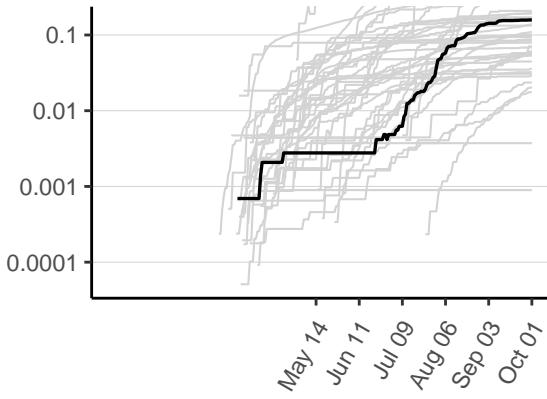
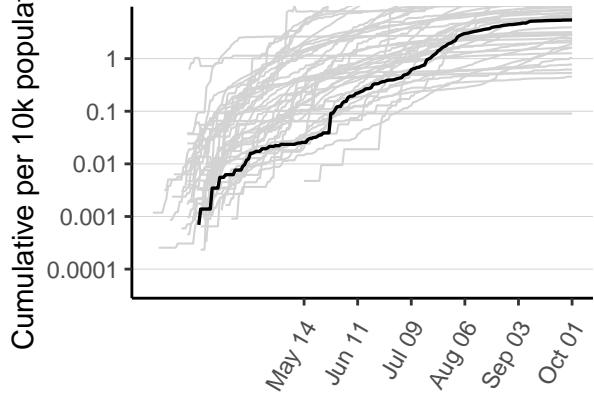
Cases



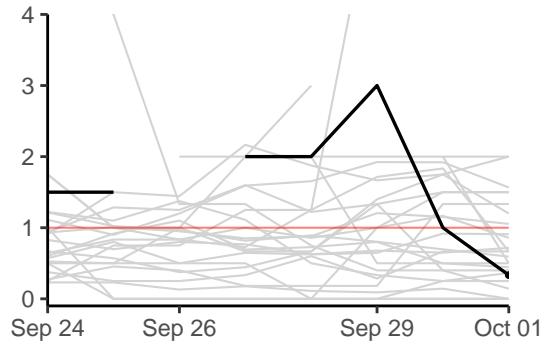
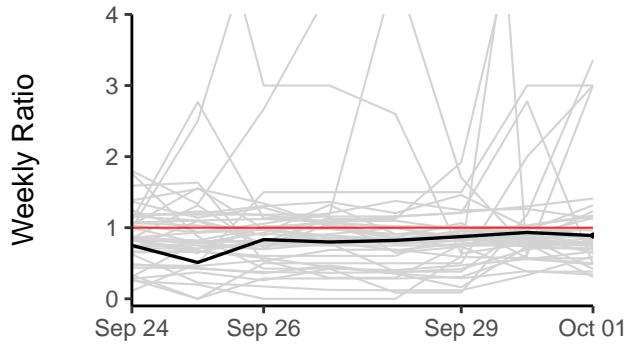
Deaths



Cumulative per 10k population



Weekly Ratio



Date

Zimbabwe has 7838 reported case(s) (17th in the region) and 228 reported death(s) (12th). Cumulative counts per 10,000 population of reported cases and deaths are 5.4 (26th) and 0.16 (18th) respectively. The weekly ratio of reported cases over the last 2 weeks is 0.89 (19th). The weekly ratio of reported deaths over the last 2 weeks is 0.33 (23rd).

Appendix

Data

Sources and access

- Case counts for countries from WHO Coronavirus disease (COVID-2019) Dashboard <https://covid19.who.int/table> (accessed 2400 01/10/2020).
- Death counts for countries from WHO Coronavirus disease (COVID-2019) Dashboard <https://covid19.who.int/table> (accessed 2400 01/10/2020).
- Population counts from the World Bank (2018) <https://data.worldbank.org/indicator/SP.POP.TOTL?locations=ZG> (accessed 0900 30/03/2020).

Weekly Ratio calculations

Weekly ratios are calculated by dividing the sum of new cases or deaths over the past 7 days by their respective sums in the 7 days prior. The higher the weekly ratio, the faster an epidemic is growing. A weekly ratio of 1 represents stable growth (i.e. the number of cases or deaths in the past 7 days was the same as the 7 days before). A value between 1 and 0 indicates that an epidemic is in decline. A value of -1 has been assigned to countries which have removed cases or deaths from their cumulative counts. Doubling times have been replaced by weekly ratios because as countries move out of their exponential growth phases, doubling times become inappropriate and unreliable.

Confidence intervals calculated using bootstrapping of a simulated dataset with Poisson error structure.

Caveats

- Case count data are affected by any changes in testing strategy or testing effort over time and/or any variation in testing strategy or testing effort between regions.
- Case count data are likely a substantial under-representation of the true number of COVID-19 infections.
- Death data are considered more reliable but may lag behind case data by as much as 3 weeks.

Extended Data tables

Cumulative reported cases

Country	Cum. reported cases	95%CI lower	95%CI upper
South Africa	674339	672930	675730
Ethiopia	75368	NA	NA
Nigeria	58848	58437	59206
Algeria	51530	51159	51894
Ghana	46656	46268	47035
Kenya	38529	38207	38850
Cameroon	20838	20607	21073
Madagascar	16408	NA	NA
Senegal	14982	14785	15188
Zambia	14759	NA	NA
Namibia	11265	NA	NA
Democratic Republic of the Congo	10658	10478	10833
Guinea	10652	NA	NA
Gabon	8766	8617	8922
Mozambique	8728	8571	8876
Uganda	8129	NA	NA
Zimbabwe	7838	7687	7988
Mauritania	7502	NA	NA
Cabo Verde	6024	5894	6151
Malawi	5773	5648	5899
Eswatini	5482	NA	NA
Congo	5089	4975	5203
Equatorial Guinea	5030	NA	NA
Angola	4972	4847	5082
Rwanda	4840	4729	4947
Central African Republic	4829	NA	NA
Gambia	3579	NA	NA
Botswana	3172	3078	3263
Mali	3118	3031	3219
South Sudan	2704	2623	2781
Benin	2357	NA	NA
Guinea-Bissau	2324	2248	2405
Sierra Leone	2231	2156	2307
Burkina Faso	2028	1952	2106
Togo	1784	1711	1854
Lesotho	1595	1529	1660
Liberia	1343	NA	NA
Chad	1200	NA	NA
Niger	1197	NA	NA
Sao Tome and Principe	911	NA	NA
Burundi	510	472	549
United Republic of Tanzania	509	471	547
Comoros	479	441	516
Mauritius	381	350	413
Eritrea	375	341	404
Seychelles	142	NA	NA

Cumulative reported cases per 10,000 population

Country	Cum. reported cases per 10k pop	95%CI lower	95%CI upper
South Africa	116.709	116	117
Cabo Verde	110.783	108	113
Namibia	46.012	NA	NA
Sao Tome and Principe	43.170	NA	NA
Gabon	41.363	41	42
Eswatini	40.102	NA	NA
Equatorial Guinea	38.427	NA	NA
Mauritania	17.037	NA	NA
Gambia	15.697	NA	NA
Ghana	15.674	16	16
Seychelles	14.675	NA	NA
Botswana	14.072	14	14
Guinea-Bissau	12.399	12	13
Algeria	12.203	12	12
Central African Republic	10.348	NA	NA
Congo	9.704	9	10
Senegal	9.450	9	10
Guinea	8.580	NA	NA
Zambia	8.506	NA	NA
Cameroon	8.264	8	8
Lesotho	7.566	7	8
Kenya	7.497	7	8
Ethiopia	6.900	NA	NA
Madagascar	6.248	NA	NA
Comoros	5.755	5	6
Zimbabwe	5.428	5	6
Rwanda	3.934	4	4
Malawi	3.182	3	3
Mauritius	3.011	3	3
Nigeria	3.004	3	3
Mozambique	2.959	3	3
Sierra Leone	2.916	3	3
Liberia	2.787	NA	NA
South Sudan	2.464	2	3
Togo	2.261	2	2
Benin	2.052	NA	NA
Uganda	1.903	NA	NA
Mali	1.634	2	2
Angola	1.614	2	2
Democratic Republic of the Congo	1.268	1	1
Burkina Faso	1.027	1	1
Chad	0.775	NA	NA
Eritrea	0.620	1	1
Niger	0.533	NA	NA
Burundi	0.456	0	0
United Republic of Tanzania	0.090	0	0

Cumulative deaths

Country	Cum. reported deaths	95%CI lower	95%CI upper
South Africa	16734	16514	16944
Algeria	1736	NA	NA
Ethiopia	1198	1140	1256
Nigeria	1112	1060	1167
Kenya	711	668	754
Cameroon	418	387	453
Zambia	332	303	364
Senegal	311	282	339
Ghana	301	273	331
Democratic Republic of the Congo	272	246	299
Madagascar	230	205	254
Zimbabwe	228	NA	NA
Angola	183	161	205
Malawi	179	156	203
Mauritania	161	140	181
Mali	131	112	150
Namibia	121	NA	NA
Gambia	112	95	129
Eswatini	109	NA	NA
Congo	89	NA	NA
Chad	85	70	100
Equatorial Guinea	83	68	99
Liberia	82	67	97
Uganda	75	60	88
Sierra Leone	72	59	85
Niger	69	55	83
Guinea	66	NA	NA
Central African Republic	62	49	75
Mozambique	61	49	73
Cabo Verde	60	48	73
Burkina Faso	57	NA	NA
Gabon	54	43	67
South Sudan	49	NA	NA
Togo	48	38	60
Benin	41	31	53
Guinea-Bissau	39	29	50
Lesotho	36	26	46
Rwanda	29	20	38
United Republic of Tanzania	21	14	28
Botswana	16	10	23
Sao Tome and Principe	15	NA	NA
Mauritius	10	5	16
Comoros	7	3	11
Burundi	1	0	3
Eritrea	0	0	0
Seychelles	0	0	0

Cumulative deaths per 10,000 populations

Country	Cum. reported deaths per 10k pop	95%CI lower	95%CI upper
South Africa	2.896	3	3
Cabo Verde	1.103	1	1
Eswatini	0.797	NA	NA
Sao Tome and Principe	0.711	NA	NA
Equatorial Guinea	0.634	1	1
Namibia	0.494	NA	NA
Gambia	0.491	0	1
Algeria	0.411	NA	NA
Mauritania	0.366	0	0
Gabon	0.255	0	0
Guinea-Bissau	0.208	0	0
Senegal	0.196	0	0
Zambia	0.191	0	0
Lesotho	0.171	0	0
Liberia	0.170	0	0
Congo	0.170	NA	NA
Cameroon	0.166	0	0
Zimbabwe	0.158	NA	NA
Kenya	0.138	0	0
Central African Republic	0.133	0	0
Ethiopia	0.110	0	0
Ghana	0.101	0	0
Malawi	0.099	0	0
Sierra Leone	0.094	0	0
Madagascar	0.088	0	0
Comoros	0.084	0	0
Mauritius	0.079	0	0
Botswana	0.071	0	0
Mali	0.069	0	0
Togo	0.061	0	0
Angola	0.059	0	0
Nigeria	0.057	0	0
Chad	0.055	0	0
Guinea	0.053	NA	NA
South Sudan	0.045	NA	NA
Benin	0.036	0	0
Democratic Republic of the Congo	0.032	0	0
Niger	0.031	0	0
Burkina Faso	0.029	NA	NA
Rwanda	0.024	0	0
Mozambique	0.021	0	0
Uganda	0.018	0	0
United Republic of Tanzania	0.004	0	0
Burundi	0.001	0	0
Eritrea	0.000	0	0
Seychelles	0.000	0	0

Weekly Ratio (cases)

Country	Weekly Ratio	95%CI lower	95%CI upper
Burundi	8.250	2.923	23.287
Mauritius	7.000	1.591	30.800
Botswana	5.817	4.725	7.163
Congo	3.360	2.150	5.251
Comoros	3.000	0.812	11.082
Sao Tome and Principe	3.000	0.312	28.842
Seychelles	3.000	0.312	28.842
Cabo Verde	1.410	1.247	1.595
Gabon	1.316	0.863	2.006
Mali	1.235	0.897	1.701
Ghana	1.171	1.034	1.326
Mozambique	1.156	1.072	1.246
Central African Republic	1.136	0.641	2.015
Kenya	1.128	1.038	1.226
Nigeria	1.004	0.924	1.090
Democratic Republic of the Congo	0.992	0.772	1.274
Sierra Leone	0.960	0.646	1.427
Togo	0.892	0.664	1.200
Zimbabwe	0.890	0.691	1.146
Angola	0.885	0.794	0.987
Ethiopia	0.882	0.846	0.919
Namibia	0.861	0.772	0.960
Mauritania	0.828	0.612	1.120
Senegal	0.824	0.679	1.000
Madagascar	0.814	0.687	0.965
Algeria	0.788	0.729	0.852
South Africa	0.779	0.758	0.801
Guinea	0.779	0.652	0.929
Uganda	0.775	0.720	0.834
Guinea-Bissau	0.750	0.426	1.321
Eswatini	0.739	0.594	0.921
Benin	0.711	0.452	1.119
Burkina Faso	0.695	0.551	0.877
Equatorial Guinea	0.667	0.321	1.384
Malawi	0.643	0.396	1.043
Liberia	0.600	0.218	1.651
Zambia	0.568	0.495	0.652
South Sudan	0.500	0.333	0.750
Lesotho	0.489	0.379	0.631
Chad	0.486	0.327	0.725
Rwanda	0.421	0.312	0.567
Cameroon	0.382	0.316	0.462
Gambia	0.342	0.221	0.529
Niger	0.308	0.100	0.944
Eritrea	NA	NA	NA
United Republic of Tanzania	NA	NA	NA

Weekly Ratio (deaths)

Country	Weekly Ratio	95%CI lower	95%CI upper
Togo	7.000	0.861	56.897
Chad	3.000	0.312	28.842
Cameroon	2.000	0.181	22.057
Senegal	2.000	0.602	6.642
Kenya	1.567	0.991	2.477
Angola	1.500	0.797	2.824
Botswana	1.500	0.251	8.977
Ghana	1.333	0.298	5.958
Mozambique	1.200	0.518	2.777
South Africa	1.054	0.933	1.191
Nigeria	0.909	0.386	2.141
Cabo Verde	0.857	0.288	2.551
Algeria	0.717	0.473	1.088
Gambia	0.667	0.111	3.990
Uganda	0.667	0.237	1.873
Ethiopia	0.594	0.428	0.824
Guinea	0.500	0.045	5.514
Lesotho	0.500	0.045	5.514
Mali	0.500	0.045	5.514
Namibia	0.444	0.137	1.443
Rwanda	0.400	0.078	2.062
Madagascar	0.364	0.116	1.142
Zimbabwe	0.333	0.035	3.205
Democratic Republic of the Congo	0.250	0.028	2.237
Eswatini	0.143	0.018	1.161
Gabon	0.000	0.000	NA
Malawi	0.000	0.000	NA
Zambia	0.000	0.000	NA
Benin	NA	NA	NA
Burkina Faso	NA	NA	NA
Burundi	NA	NA	NA
Central African Republic	NA	NA	NA
Comoros	NA	NA	NA
Congo	NA	NA	NA
Equatorial Guinea	NA	NA	NA
Eritrea	NA	NA	NA
Guinea-Bissau	NA	NA	NA
Liberia	NA	NA	NA
Mauritania	NA	NA	NA
Mauritius	NA	NA	NA
Niger	NA	NA	NA
Sao Tome and Principe	NA	NA	NA
Seychelles	NA	NA	NA
Sierra Leone	NA	NA	NA
South Sudan	NA	NA	NA
United Republic of Tanzania	NA	NA	NA