

Figure_1_Armed_Conflict

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```
library(tidyverse)
```

Warning: package 'ggplot2' was built under R version 4.3.2

Warning: package 'lubridate' was built under R version 4.3.2

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --  
v dplyr      1.1.3      v readr      2.1.4  
v forcats    1.0.0      v stringr    1.5.1  
v ggplot2    3.4.4      v tibble     3.2.1  
v lubridate  1.9.3      v tidyr      1.3.0  
v purrr      1.0.2
```

```
-- Conflicts ----- tidyverse_conflicts() --
```

```
x dplyr::filter() masks stats::filter()
```

```
x dplyr::lag()     masks stats::lag()
```

```
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become
```

```
library(dplyr)
```

```
library(here)
```

Warning: package 'here' was built under R version 4.3.3

here() starts at C:/Users/leigh/OneDrive/Documents/version_control/armed_conflict

```
finaldata <- read.csv(here("data", "finaldata.csv"), header = TRUE)
```

```
fig1data <- finaldata %>%
  select(country_name, ISO, year, Mor_mat) %>%
  filter(year < 2018) %>%
  arrange(ISO, year) %>%
  group_by(ISO) %>%
  mutate(diffmatmor = Mor_mat - Mor_mat[1L])
```

```
countries_to_filter <- fig1data %>%
  filter(year == 2017 & diffmatmor < 1) %>%
  pull(ISO)

filtered_data <- fig1data %>%
  filter(!ISO %in% countries_to_filter & !is.na(diffmatmor))
```

```
library(pals)
```

Warning: package 'pals' was built under R version 4.3.3

```
glasbey_colors <- glasbey(n = length(unique(filtered_data$country_name)))
```

```
fig1 <- filtered_data %>%
  ggplot(aes(x= year, y = Mor_mat, group = ISO)) +
  geom_line(aes(color = country_name), alpha = 1, linewidth = 1) +
  xlim(c(2000,2017)) +
  scale_y_continuous(trans='log10') +
  labs(y = "Maternal mortality (log 10 scale)", x = "Year", color = "Country", title = "Trend") +
  theme_bw(base_size = 12) +
  scale_color_manual(values = glasbey_colors)
```

```
ggsave(fig1, file = here("Tables_and_Figures", "fig1.png"), width = 8, height = 5)
```