table1

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Update 2024=1-15:

I have kept code for year groups “2000-2004”, “2005-2009”, “2010-2014”, “2015-2019”. Also finished code for creating complete table1.

```
library("here")
library(tidyverse)
library(Hmisc)
library(table1)
library(knitr)
library("kableExtra")
library(htmltools)
```

```
conflict <- read.csv(here("data", "analytical", "finaldata.csv"))


# Grouping data into bins
conflict <- conflict |>
  mutate(year_group = case_when(
    year >= 2000 & year < 2005 ~ "2000-2004",
    year >= 2005 & year < 2010 ~ "2005-2009",
    year >= 2010 & year < 2015 ~ "2010-2014",
    year >= 2015 & year < 2020 ~ "2015-2019")) |>
    group_by(country_name, year_group) |>
    mutate(overall_conf = if_else(any(armconf1 == 1), 1, 0)) |>
    ungroup()

# Factorize variables
conflict$OECD <- factor(conflict$OECD,
                            levels = c(0, 1),
                            labels = c("No", "Yes"))
```

```
conflict$overall_conf <- factor(conflict$overall_conf,
                                levels = c(0, 1),
                                labels = c("No Armed Conflict", "Armed Conflict"))
conflict$drought <- factor(conflict$drought,
                           levels = c(0, 1),
                           labels = c("No Drought", "Drought"))
conflict$earthquake <- factor(conflict$earthquake,
                              levels = c(0, 1),
                              labels = c("No Earthquake", "Earthquake"))


# Relabel
# Re-labelling variables
label(conflict$overall_conf) <- "Death From Conflicts"
label(conflict$earthquake) <- "Earthquake Status"
label(conflict$drought) <- "Drought Status"
label(conflict$gdp1000) <- "GDP Per 1000"
label(conflict$popdens) <- "Population Density"
label(conflict$male_edu) <- "Male Education"
label(conflict$temp) <- "Mean Annual Temperature"

# Creating the table
cat("\\begin{center}")
```

\begin{center}

```
table1(~ OECD + male_edu + gdp1000 + popdens + drought + earthquake + temp
       | overall_conf + year_group,
       data = conflict,
       title = "Summary of Earthquake Data by Armed Conflict",
       group.title = "Exposure: Armed Conflict")
```

	No Armed Conflict				
	2000-2004	2005-2009	2010-2014	2015-2019	2000-200
	(N=630)	(N=645)	(N=680)	(N=670)	(N=300)
OECD					
No	495 (78.6%)	515 (79.8%)	525 (77.2%)	519 (77.5%)	285 (95.0
Yes	135 (21.4%)	130 (20.2%)	155 (22.8%)	151 (22.5%)	15 (5.0%
Male Education					
Mean (SD)	8.30 (2.99)	8.67 (2.95)	9.14 (2.82)	9.51 (2.66)	5.94 (2.6
Median [Min, Max]	8.28 [1.07, 14.1]	8.82 [1.36, 14.2]	9.34 [1.63, 14.3]	9.68 [3.25, 14.4]	5.70 [1.6
Missing	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (1.7%)
GDP Per 1000					
Mean (SD)	9.64 (12.6)	15.0 (19.5)	17.2 (22.0)	16.3 (20.4)	2.04 (5.1
Median [Min, Max]	3.86 [0.149, 76.5]	5.89 [0.287, 120]	7.12 [0.223, 124]	7.09 [0.312, 117]	0.739 [0.
Missing	11 (1.7%)	8 (1.2%)	8 (1.2%)	5 (0.7%)	7 (2.3%)
Population Density					
Mean (SD)	30.5 (21.9)	30.3 (21.1)	31.7 (20.6)	32.6 (20.7)	24.8 (17.
Median [Min, Max]	29.7 [0, 99.8]	27.9 [0, 99.9]	29.7 [0, 99.9]	30.4 [0, 99.8]	20.6 [0,
Missing	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (1.7%)
Drought Status					
No Drought	594 (94.3%)	614 (95.2%)	647 (95.1%)	631 (94.2%)	240 (80.0
Drought	36 (5.7%)	31 (4.8%)	33 (4.9%)	39 (5.8%)	60 (20.0%
Earthquake Status					
No Earthquake	585 (92.9%)	614 (95.2%)	639 (94.0%)	609 (90.9%)	257 (85.7
Earthquake	45 (7.1%)	31 (4.8%)	41 (6.0%)	61 (9.1%)	43 (14.3%
Mean Annual Temperature					
Mean (SD)	18.5 (7.79)	18.5 (7.74)	18.7 (7.71)	18.9 (7.67)	21.7 (5.7
Median [Min, Max]	21.1 [-1.27, 29.2]	21.2 [-1.49, 29.1]	20.7 [-2.40, 29.4]	21.4 [-0.851, 29.4]	23.5 [4.6
Missing	0 (0%)	0 (0%)	0 (0%)	0 (0%)	5 (1.7%)

```
cat("\\end{center}")
```

```
\end{center}
```

```
## Four Tables for each year group
# # Define year groupings for the data
# conflict$year_group <- cut(conflict$year,
#                            breaks = c(1999, 2004, 2009, 2014, 2019),
#                            labels = c("2000-2004", "2005-2009", "2010-2014", "2015-2019"))
```

```
#
# # Filter the data for the year groups and create baseline for those groups
# byyear <- conflict %>%
#   dplyr::filter(!is.na(year_group))
#
# # Factoring
# byyear$armconf1f <- factor(byyear$armconf1, levels = c(0,1), labels = c("No", "Yes"))
# byyear$droughtf <- factor(byyear$drought, levels = c(0,1), labels = c("No", "Yes"))
# byyear$earthquakef <- factor(byyear$earthquake, levels = c(0,1), labels = c("No", "Yes"))
# byyear$OECDf <- factor(byyear$OECD, levels = c(0,1), labels = c("No", "Yes"))
#
# # Relabeling
# label(byyear$gdp1000)       <- "GDP per capita"
# label(byyear$OECD)          <- "OECD member"
# label(byyear$popdens)       <- "Population density"
# label(byyear$urban)         <- "Urban residence"
# label(byyear$agedep)        <- "Age dependency ratio"
# label(byyear$male_edu)      <- "Male education"
# label(byyear$temp)          <- "Mean annual temperature"
# label(byyear$rainfall1000)  <- "Mean annual rain fall"
# label(byyear$earthquakef)   <- "Earthquake"
# label(byyear$earthquake)    <- "Earthquake"
# label(byyear$droughtf)      <- "Drought"
# label(byyear$drought)       <- "Drought"
# label(byyear$armconf1f)     <- "Armed conflict"
# label(byyear$totdeath)      <- "Total number of deaths"
# label(byyear$matmor)        <- "Maternal mortality"
# label(byyear$infmor)        <- "Infant mortality"
# label(byyear$neomor)        <- "Neonatal mortality"
# label(byyear$un5mor)        <- "Under 5 mortality"
# label(byyear$armconf1f)     <- "Armed conflict"
# units(byyear$gdp1000)       <- "USD"
#
#
# # Split the data into four datasets based on year_group
# byyear_2000_2004 <- byyear %>%
#   filter(year_group == "2000-2004")
# byyear_2005_2009 <- byyear %>%
#   filter(year_group == "2005-2009")
# byyear_2010_2014 <- byyear %>%
#   filter(year_group == "2010-2014")
# byyear_2015_2019 <- byyear %>%
```

```
#   filter(year_group == "2015-2019")



# table1_2000_2004 <-
#   table1(~ gdp1000 + OECDf + popdens + urban + agedep + male_edu + temp + rainfall1000 + ea
#        data = byyear_2000_2004,
#        render.continuous = c(.="Median [Min, Max]"),
#        overall = c(left="Total"))
# t1kable(table1_2000_2004) |>
#   add_header_above(c(" " = 2, "Armed Conflict" = 2))
#
# table1_2005_2009 <-
#   table1(~ gdp1000 + OECDf + popdens + urban + agedep + male_edu + temp + rainfall1000 + ea
#        data = byyear_2005_2009,
#        render.continuous = c(.="Median [Min, Max]"),
#        overall = c(left="Total"))
# t1kable(table1_2005_2009) |>
#   add_header_above(c(" " = 2, "Armed Conflict" = 2))
#
#
# table1_2010_2014 <-
#   table1(~ gdp1000 + OECDf + popdens + urban + agedep + male_edu + temp + rainfall1000 + ea
#        data = byyear_2010_2014,
#        render.continuous = c(.="Median [Min, Max]"),
#        overall = c(left="Total"))
# t1kable(table1_2010_2014) |>
#   add_header_above(c(" " = 2, "Armed Conflict" = 2))
#
#
# table1_2015_2019 <-
#   table1(~ gdp1000 + OECDf + popdens + urban + agedep + male_edu + temp + rainfall1000 + ea
#        data = byyear_2015_2019,
#        render.continuous = c(.="Median [Min, Max]"),
#        overall = c(left="Total"))
# t1kable(table1_2015_2019) |>
#   add_header_above(c(" " = 2, "Armed Conflict" = 2))
```

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