table1

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Note:

I have created tables for "2000-2004", "2005-2009", "2010-2014", "2015-2019" Next I will combine them in a nice way

```r
library("here")
library("dplyr")
library(Hmisc)
library(table1)
library(knitr)
```

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

# 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))

# Relabel
byyear$armconf1f <- factor(byyear$armconf1, levels = c(0,1), labels = c("No armed conflict",
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"))

label(byyear$gdp1000)        <- "GDP per capita"
label(byyear$OECD)           <- "OECD member"
label(byyear$popdens)        <- "Population density"
```

```r
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"

# Assuming byyear has the 'year_group' variable already defined

# Split the data into four datasets based on the 'year_group' variable
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")

kable(data.frame(Title = "Summary Table for 2000-2004"), col.names = NULL, align = "c")
```

Summary Table for 2000-2004

```
table1(~ gdp1000 + OECDf + popdens + urban + agedep + male_edu + temp + rainfall1000 + eartho
       data = byyear_2000_2004,
       render.continuous = c(.="Median [Min, Max]"),
       overall = c(left="Total"))
```

Get nicer `table1` LaTeX output by simply installing the `kableExtra` package

	Total	No armed conflict	Armed conflict
	(N=930)	(N=745)	(N=185)
GDP per capita (USD)			
Median [Min, Max]	2.04 [0.110, 76.5]	2.77 [0.137, 76.5]	0.613 [0.110, 38.0]
Missing	18 (1.9%)	11 (1.5%)	7 (3.8%)
OECDf			
No	780 (83.9%)	602 (80.8%)	178 (96.2%)
Yes	150 (16.1%)	143 (19.2%)	7 (3.8%)
Population density			
Median [Min, Max]	25.5 [0, 99.8]	27.8 [0, 99.8]	20.4 [0, 72.5]
Missing	5 (0.5%)	2 (0.3%)	3 (1.6%)
Urban residence			
Median [Min, Max]	28.6 [0.106, 92.0]	29.1 [0.106, 92.0]	27.0 [3.80, 57.5]
Missing	5 (0.5%)	2 (0.3%)	3 (1.6%)
Age dependency ratio			
Median [Min, Max]	60.9 [25.7, 111]	58.1 [25.7, 108]	83.2 [40.9, 111]
Male education			
Median [Min, Max]	7.44 [1.07, 14.1]	8.09 [1.07, 14.1]	5.50 [1.69, 12.6]
Missing	5 (0.5%)	2 (0.3%)	3 (1.6%)
Mean annual temperature			
Median [Min, Max]	21.8 [-1.27, 29.2]	21.2 [-1.27, 29.2]	24.0 [4.68, 28.8]
Missing	5 (0.5%)	2 (0.3%)	3 (1.6%)
Mean annual rain fall			
Median [Min, Max]	1.01 [0.0209, 4.71]	0.987 [0.0209, 4.71]	1.09 [0.0969, 3.03]
Missing	5 (0.5%)	2 (0.3%)	3 (1.6%)
Earthquake			
No	842 (90.5%)	680 (91.3%)	162 (87.6%)
Yes	88 (9.5%)	65 (8.7%)	23 (12.4%)
Drought			
No	834 (89.7%)	690 (92.6%)	144 (77.8%)
Yes	96 (10.3%)	55 (7.4%)	41 (22.2%)

```
table1(~ gdp1000 + OECDf + popdens + urban + agedep + male_edu + temp + rainfall1000 + eartho
       data = byyear_2005_2009,
       render.continuous = c(.="Median [Min, Max]"),
       overall = c(left="Total"))
```

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	Total	No armed conflict	Armed conflict
	(N=930)	(N=760)	(N=170)
GDP per capita (USD)			
Median [Min, Max]	3.90 [0.151, 120]	4.78 [0.287, 120]	1.29 [0.151, 44.5]
Missing	13 (1.4%)	8 (1.1%)	5 (2.9%)
OECDf			
No	780 (83.9%)	622 (81.8%)	158 (92.9%)
Yes	150 (16.1%)	138 (18.2%)	12 (7.1%)
Population density			
Median [Min, Max]	26.8 [0, 99.9]	27.8 [0, 99.9]	22.6 [0.000418, 89.1]
Missing	5 (0.5%)	3 (0.4%)	2 (1.2%)
Urban residence			
Median [Min, Max]	30.2 [0.104, 92.7]	30.5 [0.104, 92.7]	29.1 [6.67, 74.9]
Missing	5 (0.5%)	3 (0.4%)	2 (1.2%)
Age dependency ratio			
Median [Min, Max]	55.5 [16.3, 110]	53.1 [16.3, 104]	71.5 [37.1, 110]
Male education			
Median [Min, Max]	8.05 [1.29, 14.2]	8.54 [1.29, 14.2]	6.31 [1.43, 12.4]
Missing	5 (0.5%)	3 (0.4%)	2 (1.2%)
Mean annual temperature			
Median [Min, Max]	21.9 [-1.49, 29.7]	21.5 [-1.49, 29.4]	23.5 [4.55, 29.7]
Missing	5 (0.5%)	3 (0.4%)	2 (1.2%)
Mean annual rain fall			
Median [Min, Max]	1.01 [0.0232, 4.23]	0.998 [0.0232, 4.23]	1.07 [0.0433, 2.91]
Missing	5 (0.5%)	3 (0.4%)	2 (1.2%)
Earthquake			
No	858 (92.3%)	713 (93.8%)	145 (85.3%)
Yes	72 (7.7%)	47 (6.2%)	25 (14.7%)
Drought			
No	862 (92.7%)	715 (94.1%)	147 (86.5%)
Yes	68 (7.3%)	45 (5.9%)	23 (13.5%)

```
table1(~ gdp1000 + OECDf + popdens + urban + agedep + male_edu + temp + rainfall1000 + eartho
       data = byyear_2010_2014,
       render.continuous = c(.="Median [Min, Max]"),
       overall = c(left="Total"))
```

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	Total	No armed conflict	Armed conflict
	(N=930)	(N=778)	(N=152)
GDP per capita (USD)			
Median [Min, Max]	5.52 [0.223, 124]	6.45 [0.223, 124]	1.83 [0.325, 25.1]
Missing	11 (1.2%)	8 (1.0%)	3 (2.0%)
OECDf			
No	765 (82.3%)	622 (79.9%)	143 (94.1%)
Yes	165 (17.7%)	156 (20.1%)	9 (5.9%)
Population density			
Median [Min, Max]	27.8 [0, 99.9]	29.2 [0, 99.9]	23.4 [0, 91.7]
Missing	5 (0.5%)	3 (0.4%)	2 (1.3%)
Urban residence			
Median [Min, Max]	31.0 [0.103, 93.1]	31.2 [0.103, 93.1]	29.4 [3.44, 77.3]
Missing	5 (0.5%)	3 (0.4%)	2 (1.3%)
Age dependency ratio			
Median [Min, Max]	53.9 [16.2, 107]	52.3 [16.2, 107]	73.3 [28.8, 106]
Male education			
Median [Min, Max]	8.62 [1.53, 14.3]	8.99 [1.53, 14.3]	6.83 [1.74, 12.7]
Missing	5 (0.5%)	3 (0.4%)	2 (1.3%)
Mean annual temperature			
Median [Min, Max]	21.9 [-2.40, 29.6]	21.7 [-2.40, 29.6]	23.5 [4.86, 29.5]
Missing	5 (0.5%)	3 (0.4%)	2 (1.3%)
Mean annual rain fall			
Median [Min, Max]	1.02 [0.0261, 4.39]	1.04 [0.0261, 4.39]	0.949 [0.0459, 3.13]
Missing	5 (0.5%)	3 (0.4%)	2 (1.3%)
Earthquake			
No	849 (91.3%)	722 (92.8%)	127 (83.6%)
Yes	81 (8.7%)	56 (7.2%)	25 (16.4%)
Drought			
No	853 (91.7%)	731 (94.0%)	122 (80.3%)
Yes	77 (8.3%)	47 (6.0%)	30 (19.7%)

```
table1(~ gdp1000 + OECDf + popdens + urban + agedep + male_edu + temp + rainfall1000 + eartho
       data = byyear_2015_2019,
       render.continuous = c(.="Median [Min, Max]"),
       overall = c(left="Total"))
```

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	Total	No armed conflict	Armed conflict
	(N=930)	(N=733)	(N=197)
GDP per capita (USD)			
Median [Min, Max]	5.70 [0.217, 117]	6.72 [0.312, 117]	2.08 [0.217, 44.2]
Missing	20 (2.2%)	9 (1.2%)	11 (5.6%)
OECDf			
No	759 (81.6%)	574 (78.3%)	185 (93.9%)
Yes	171 (18.4%)	159 (21.7%)	12 (6.1%)
Population density			
Median [Min, Max]	30.0 [0, 99.8]	30.6 [0, 99.8]	26.7 [0, 92.8]
Missing	5 (0.5%)	4 (0.5%)	1 (0.5%)
Urban residence			
Median [Min, Max]	31.8 [0.103, 93.4]	31.8 [0.103, 93.4]	31.9 [3.57, 79.6]
Missing	5 (0.5%)	4 (0.5%)	1 (0.5%)
Age dependency ratio			
Median [Min, Max]	54.3 [17.3, 106]	53.7 [17.3, 106]	72.1 [31.8, 106]
Male education			
Median [Min, Max]	9.18 [1.79, 14.4]	9.54 [1.79, 14.4]	7.66 [1.85, 13.0]
Missing	5 (0.5%)	4 (0.5%)	1 (0.5%)
Mean annual temperature			
Median [Min, Max]	22.3 [-0.851, 29.5]	21.9 [-0.851, 29.4]	23.5 [5.48, 29.5]
Missing	5 (0.5%)	4 (0.5%)	1 (0.5%)
Mean annual rain fall			
Median [Min, Max]	1.01 [0.0199, 3.78]	1.05 [0.0199, 3.78]	0.720 [0.0201, 2.86]
Missing	5 (0.5%)	4 (0.5%)	1 (0.5%)
Earthquake			
No	846 (91.0%)	668 (91.1%)	178 (90.4%)
Yes	84 (9.0%)	65 (8.9%)	19 (9.6%)
Drought			
No	861 (92.6%)	685 (93.5%)	176 (89.3%)
Yes	69 (7.4%)	48 (6.5%)	21 (10.7%)

"'