Armed Conflict Table 1

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Creating Table 1

```
# load required packages
library(table1)
library(here)
library(dplyr)
library(tidyr)
```

Tables stand alone, so we need to re-label the variables to make the table understandable.

```
# import data
ac.dat <- read.csv(here("data", "analytical", "finaldata.csv"), header = TRUE)

# properly label variables
ac.dat$armed_conflict <- ifelse(ac.dat$armed_conflict == 1,
                                "Armed Conflict = Yes",
                                "Armed Conflict = No")
label(ac.dat$armed_conflict) <- "Armed Conflict"

ac.dat$OECD <- ifelse(ac.dat$OECD == 1, "Yes", "No")
label(ac.dat$OECD) <- "OECD member"

ac.dat$Drought <- ifelse(ac.dat$Drought == 1, "Yes", "No")
label(ac.dat$Drought) <- "Droughts"

ac.dat$Earthquake <- ifelse(ac.dat$Earthquake == 1, "Yes", "No")
label(ac.dat$Earthquake) <- "Earthquakes"

label(ac.dat$gdp1000) <- "GDP (in thousands) per capita"
label(ac.dat$popdens) <- "Population density"
```

```r
label(ac.dat$urban) <- "Urban residence"
label(ac.dat$region) <- "Region"
label(ac.dat$agedep) <- "Age dependency ratio"
label(ac.dat$male_edu) <- "Male education"
label(ac.dat$temp) <- "Temperature"
label(ac.dat$rainfall1000) <- "Rainfall"
```

To create table 1, we focus on the baseline characteristics in year 2000.

```r
# only consider the baseline year 2000
ac.dat.bas <- ac.dat %>%
  filter(Year == 2000)

# create Table 1
table1(~ gdp1000 + OECD + popdens + urban + region + agedep +
         male_edu + temp + Earthquake + Drought | armed_conflict,
       caption = "Table 1. Baseline Characteristics by Armed Conflict Status in the Year 200
       footnote = "Data are presented as means (SD) or counts (percentages) as appropriate."
       data = ac.dat.bas)
```

	Armed Conflict = No	Armed Conflict = Yes	Overall
	(N=147)	(N=39)	(N=186)
GDP (in thousands) per capita			
Mean (SD)	7.76 (10.6)	1.08 (1.26)	6.39 (9.80)
Median [Min, Max]	2.19 [0.137, 48.7]	0.558 [0.123, 4.80]	1.77 [0.123, 48.7]
Missing	3 (2.0%)	2 (5.1%)	5 (2.7%)
OECD member			
No	118 (80.3%)	38 (97.4%)	156 (83.9%)
Yes	29 (19.7%)	1 (2.6%)	30 (16.1%)
Population density			
Mean (SD)	29.3 (21.6)	24.4 (16.7)	28.3 (20.7)
Median [Min, Max]	27.3 [0, 99.8]	21.3 [0, 71.7]	25.4 [0, 99.8]
Missing	1 (0.7%)	0 (0%)	1 (0.5%)
Urban residence			
Mean (SD)	29.9 (18.7)	26.4 (12.0)	29.1 (17.6)
Median [Min, Max]	28.9 [0.106, 91.6]	24.1 [3.80, 49.3]	28.0 [0.106, 91.6]
Missing	1 (0.7%)	0 (0%)	1 (0.5%)
Region			
Australia and New Zealand	2 (1.4%)	0 (0%)	2 (1.1%)

	Armed Conflict = No	Armed Conflict = Yes	Overall
Central Asia	4 (2.7%)	1 (2.6%)	5 (2.7%)
Eastern Asia	5 (3.4%)	0 (0%)	5 (2.7%)
Eastern Europe	9 (6.1%)	1 (2.6%)	10 (5.4%)
Latin America and the Caribbean	29 (19.7%)	4 (10.3%)	33 (17.7%)
Melanesia	3 (2.0%)	1 (2.6%)	4 (2.2%)
Micronesia	3 (2.0%)	0 (0%)	3 (1.6%)
Northern Africa	4 (2.7%)	2 (5.1%)	6 (3.2%)
Northern America	2 (1.4%)	0 (0%)	2 (1.1%)
Northern Europe	10 (6.8%)	0 (0%)	10 (5.4%)
Polynesia	2 (1.4%)	0 (0%)	2 (1.1%)
South-eastern Asia	8 (5.4%)	3 (7.7%)	11 (5.9%)
Southern Asia	4 (2.7%)	5 (12.8%)	9 (4.8%)
Southern Europe	12 (8.2%)	1 (2.6%)	13 (7.0%)
Sub-Saharan Africa	30 (20.4%)	18 (46.2%)	48 (25.8%)
Western Asia	13 (8.8%)	3 (7.7%)	16 (8.6%)
Western Europe	7 (4.8%)	0 (0%)	7 (3.8%)
Age dependency ratio			
Mean (SD)	64.5 (18.0)	79.5 (18.9)	67.6 (19.2)
Median [Min, Max]	60.2 [30.0, 108]	84.4 [44.2, 111]	63.5 [30.0, 111]
Male education			
Mean (SD)	7.92 (3.02)	5.30 (2.62)	7.36 (3.12)
Median [Min, Max]	7.91 [1.07, 14.0]	4.94 [1.69, 11.8]	7.14 [1.07, 14.0]
Missing	1 (0.7%)	0 (0%)	1 (0.5%)
Temperature			
Mean (SD)	18.6 (7.39)	22.2 (5.49)	19.4 (7.17)
Median [Min, Max]	21.0 [-1.21, 28.6]	24.0 [5.09, 28.5]	21.4 [-1.21, 28.6]
Missing	1 (0.7%)	0 (0%)	1 (0.5%)
Earthquakes			
No	134 (91.2%)	34 (87.2%)	168 (90.3%)
Yes	13 (8.8%)	5 (12.8%)	18 (9.7%)
Droughts			
No	128 (87.1%)	36 (92.3%)	164 (88.2%)
Yes	19 (12.9%)	3 (7.7%)	22 (11.8%)