Week 5 in class Table1

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2024-10-07

```
prim_data <- read.csv(here("data", "primaryanalysis_data.csv"),
                      header = TRUE)
#names(prim_data)
#summary(prim_data)

prim_data %>% filter(Year == 2000)
```

```
prim_data$earthquake <- ifelse(prim_data$earthquake>=1, 1, 0)
prim_data$drought <- ifelse(prim_data$drought>=1, 1, 0)
#prim_data$ <- ifelse(prim_data$earthquake>=1, 1, 0)
#prim_data$ <- ifelse(prim_data$earthquake>=1, 1, 0)
#prim_data$ <- ifelse(prim_data$earthquake>=1, 1, 0)
```

Table 1 creation

```
prim_data$earthquake <-
  factor(prim_data$earthquake, levels=c(1,0),
         labels=c("Yes",
                  "No"))

prim_data$drought <-
  factor(prim_data$drought, levels=c(1,0),
         labels=c("Yes",
                  "No"))

prim_data$conflict <-
  factor(prim_data$conflict, levels=c(1,0),
         labels=c("Yes",
```

```
                  "No"))

prim_data$OECD <-
  factor(prim_data$OECD, levels=c(1,0),
         labels=c("Yes",
                  "No"))

label(prim_data$MatMor) <- "Maternal Mortality"

label(prim_data$UndMor) <- "Under-5 Mortality"

label(prim_data$NeoMor) <- "Neonatal Mortality"

label(prim_data$InfMor) <- "Infant Mortality"

label(prim_data$conflict) <- "Armed Conflict"

label(prim_data$earthquake) <- "Earthquake"

label(prim_data$drought) <- "Drought"

label(prim_data$totdeath) <- "Total Number of Deaths"

label(prim_data$region) <- "Region"

label(prim_data$gdp1000) <- "GDP per capita"

label(prim_data$OECD) <- "OECD member"

label(prim_data$popdens) <- "Population Density"

label(prim_data$urban) <- "Urban Residence"

label(prim_data$agedep) <- "Age Dependency Ratio"

label(prim_data$male_edu) <- "Male Education"

label(prim_data$temp) <- "Temperature"

label(prim_data$rainfall1000) <- "Rainfall"

#units(melanoma2$age) <- "years"
```

```r
caption  <- "Basic summary of variables stratified by Armed Conflict"
footnote <- "Baseline year 2000"
```

```r
# tbl1 <- table1(~ InfMor + NeoMor + UndMor +
#                  MatMor + totdeath + region +
#                  gdp1000 + OECD + popdens + urban
#                + agedep + male_edu + temp +
#                  rainfall1000 + drought +
#                  earthquake | conflict,
#                overall = c(left = "Total"), data=prim_data, caption = caption, footnote = f

table1(~ totdeath + gdp1000 + OECD + popdens + urban
       + agedep + male_edu + temp + rainfall1000
       + drought + earthquake | conflict,
       overall = c(left = "Total"), data=prim_data, caption = caption, footnote = footnote)
```

Table 1: Basic summary of variables stratified by Armed Conflict

	Total	Yes	No
	(N=5320)	(N=656)	(N=4664)
Total Number of Deaths			
Mean (SD)	234 (2390)	1890 (6580)	0.481 (2.60)
Median [Min, Max]	0 [0, 78600]	393 [26.0, 78600]	0 [0, 25.0]
GDP per capita			
Mean (SD)	11.5 (17.4)	3.18 (4.93)	13.2 (18.5)
Median [Min, Max]	4.07 [0.110, 124]	1.29 [0.110, 42.1]	4.99 [0.149, 124]
Missing	1662 (31.2%)	22 (3.4%)	1640 (35.2%)
OECD member			
Yes	636 (12.0%)	39 (5.9%)	597 (12.8%)
No	3084 (58.0%)	617 (94.1%)	2467 (52.9%)
Missing	1600 (30.1%)	0 (0%)	1600 (34.3%)
Population Density			
Mean (SD)	30.6 (20.8)	27.8 (19.1)	31.2 (21.0)
Median [Min, Max]	27.5 [0, 99.9]	23.1 [0, 92.6]	29.2 [0, 99.9]
Missing	1620 (30.5%)	8 (1.2%)	1612 (34.6%)
Urban Residence			
Mean (SD)	30.7 (17.6)	30.5 (13.8)	30.7 (18.3)
Median [Min, Max]	30.3 [0.103, 93.4]	29.5 [3.39, 79.4]	30.4 [0.103, 93.4]
Missing	1620 (30.5%)	8 (1.2%)	1612 (34.6%)
Age Dependency Ratio			
Mean (SD)	61.9 (18.9)	72.8 (21.3)	59.6 (17.4)
Median [Min, Max]	55.5 [16.2, 111]	74.8 [29.4, 111]	54.0 [16.2, 108]
Missing	1600 (30.1%)	0 (0%)	1600 (34.3%)
Male Education			
Mean (SD)	8.26 (3.02)	6.49 (2.61)	8.63 (2.97)
Median [Min, Max]	8.37 [1.07, 14.4]	6.53 [1.38, 13.0]	8.81 [1.07, 14.4]
Missing	1620 (30.5%)	8 (1.2%)	1612 (34.6%)
Temperature			
Mean (SD)	19.6 (7.33)	22.2 (5.56)	19.1 (7.55)
Median [Min, Max]	22.0 [-2.40, 29.7]	23.6 [4.55, 29.5]	21.6 [-2.40, 29.7]
Missing	1620 (30.5%)	8 (1.2%)	1612 (34.6%)
Rainfall			
Mean (SD)	1.20 (0.810)	1.05 (0.716)	1.23 (0.825)
Median [Min, Max]	1.01 [0.0199, 4.71]	0.969 [0.0201, 3.45]	1.02 [0.0199, 4.71]
Missing	1620 (30.5%)	8 (1.2%)	1612 (34.6%)
Drought			
Yes	327 (6.1%)	85 (13.0%)	242 (5.2%)
No	4993 (93.9%)	571 (87.0%)	4422 (94.8%)
Earthquake			
Yes	311 (5.8%)	112 (17.1%)	199 (4.3%)
No	5009 (94.2%)	544 (82.9%)	4465 (95.7%)

Baseline year 2000