

# Week 8 In-Class Activity

Rebecca Raj

```
screenreg(list(matmormod2, un5mormod2, infmormod2, neomormod2),
  ci.force = TRUE,
  custom.coef.map = finalvars,
  custom.model.names = c("Maternal mortality", "Under-5 mortality",
    "Infant mortality", "Neonatal mortality"))
```

|                     | Maternal mortality           | Under-5 mortality          | Infant mortality          | Neonatal mortality        |
|---------------------|------------------------------|----------------------------|---------------------------|---------------------------|
| Armed conflict      | 34.47 *<br>[ 25.66; 43.28]   | 2.96 *<br>[ 1.56; 4.36]    | 1.65 *<br>[ 0.93; 2.36]   | 0.13<br>[-0.15; 0.40]     |
| OECD status         | 28.06<br>[ -2.60; 58.72]     | 6.62 *<br>[ 2.15; 11.08]   | 3.22 *<br>[ 0.94; 5.49]   | 1.22 *<br>[ 0.33; 2.11]   |
| Population density  | -0.42<br>[ -1.16; 0.33]      | -0.34 *<br>[ -0.46; -0.23] | -0.18 *<br>[-0.24; -0.12] | -0.05 *<br>[-0.08; -0.03] |
| Urban               | -8.30 *<br>[-10.23; -6.36]   | -1.74 *<br>[ -2.03; -1.44] | -1.01 *<br>[-1.16; -0.86] | -0.39 *<br>[-0.44; -0.33] |
| Age dependency      | -0.60<br>[ -1.26; 0.06]      | -0.06<br>[ -0.15; 0.04]    | 0.04<br>[-0.00; 0.09]     | 0.04 *<br>[ 0.03; 0.06]   |
| Male education      | -60.63 *<br>[-72.29; -48.96] | -9.01 *<br>[-10.67; -7.34] | -4.82 *<br>[-5.67; -3.97] | -1.32 *<br>[-1.66; -0.99] |
| Average temperature | 10.52 *<br>[ 4.28; 16.75]    | 2.42 *<br>[ 1.41; 3.43]    | 1.15 *<br>[ 0.64; 1.67]   | 0.30 *<br>[ 0.10; 0.50]   |
| Earthquake          | 4.50<br>[ -4.67; 13.68]      | 1.64 *<br>[ 0.17; 3.10]    | 0.88 *<br>[ 0.14; 1.63]   | 0.45 *<br>[ 0.16; 0.74]   |
| Drought             | -1.26<br>[ -9.45; 6.93]      | 0.94<br>[ -0.34; 2.22]     | 0.73 *<br>[ 0.08; 1.38]   | 0.40 *<br>[ 0.15; 0.66]   |
| R <sup>2</sup>      | 0.10                         | 0.15                       | 0.21                      | 0.24                      |
| Adj. R <sup>2</sup> | 0.03                         | 0.10                       | 0.16                      | 0.19                      |

|           |      |      |      |      |
|-----------|------|------|------|------|
| Num. obs. | 3223 | 3618 | 3618 | 3618 |
|-----------|------|------|------|------|

=====

\* Null hypothesis value outside the confidence interval.