# Replication Documentation for "Rhetoric of Civil Conflict Management: UN Security Council Debates over the Syrian Civil War"

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## 1 Contents of the Replication Archive

The replication archive contains 18 files:

| | | |
|---|---|---|
| 1 | `dim_1_scaling.R` | R script for scaling on the 1st dimension (a.k.a. CvS) |
| 2 | `dim_2_scaling.R` | R script for scaling on the 2nd dimension (a.k.a. AvP) |
| 3 | `d20160511.RData` | RData file with the corpus in a data.frame |
| 4 | `dictionary_20160527.txt` | plaintext version of the scaling dictionary |
| 5 | `fig_1.R` | R script for Figure 1 |
| 6 | `fig_2.R` | R script for Figure 2 |
| 7 | `fig_3.R` | R script for Figure 3 |
| 8 | `fig_4.R` | R script for Figure 4 |
| 9 | `fig_B1.R` | R script for Figure B1 |
| 10 | `fig_C2.R` | R script for Figure C2 |
| 11 | `fig_C3.R` | R script for Figure C3 |
| 12 | `fig_C4.R` | R script for Figure C4 |
| 13 | `fig_C5.R` | R script for Figure C5 |
| 14 | `fig_C6.R` | R script for Figure C6 |
| 15 | `fig_C7.R` | R script for Figure C7 |
| 17 | `sim_cvs.RData` | RData file with the draws from the posteriors in dim. 1 scaling |
| 16 | `sim_avp.RData` | RData file with the draws from the posteriors in dim. 2 scaling |
| 18 | `Syria_timeline.csv` | comma-delimited file with text for Figures 3 and 4 |

## 2 Replication Steps

To replicate the analysis:

1. Move the contents of the archive into a single directory.

2. Execute the scripts `dim_1_scaling.R` and `dim_2_scaling.R` These will use the data included in the data file `d20160511.RData` and the scaling dictionary included in the plaintext file `dictionary_20160527.txt`. Upon successful completion, the script `dim_1_scaling.R` will save the samples from the posteriors and some additional data as the data file `sim_cvs.RData` and the script `dim_2_scaling.R` will similarly save its output as the data file `sim_avp.RData`. Executing the scripts `dim_1_scaling.R` and `dim_2_scaling.R` in parallel took about a week on a 16-core workstation.

3. The figures in the manuscript can be reproduced using the `fig*.R` scripts. These scripts are labeled according to the figure they produce. The scripts will load the data in the data and plaintext files as needed.