

BIOST 555 Final Project

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Supplementary Materials

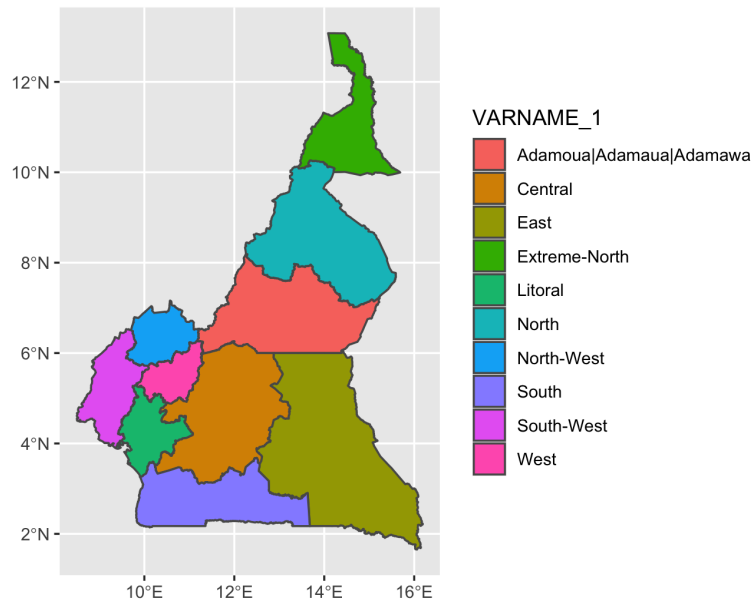


Figure 1. First administrative regions of Cameroon (GADM).

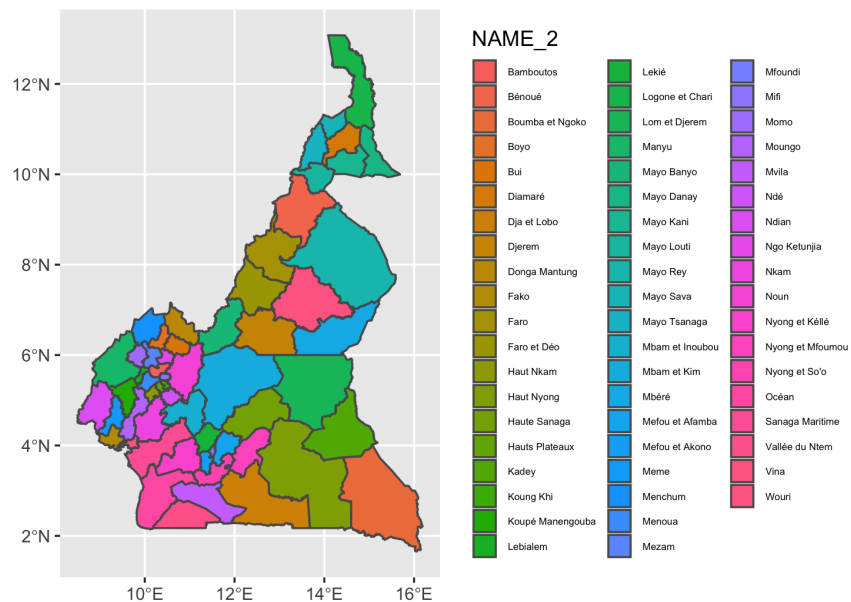


Figure 2. Second administrative regions of Cameroon (GADM).

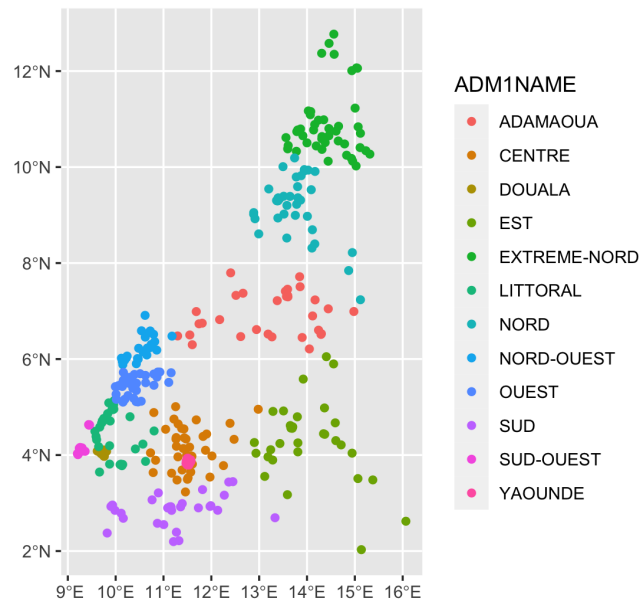


Figure 3. Cluster locations and corresponding first administrative region names (DHS).

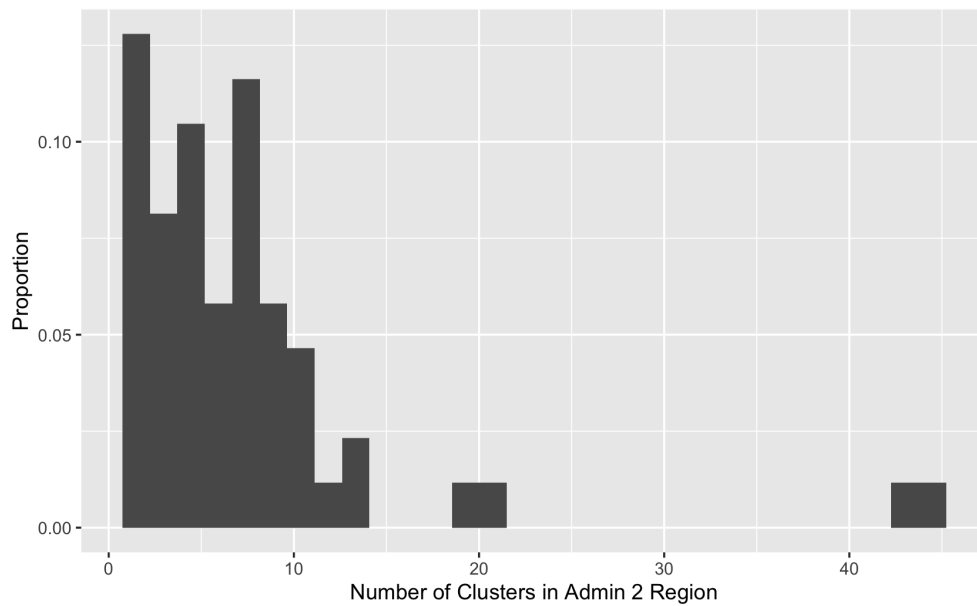


Figure 4. Histogram of number of clusters in regions following mapping preprocessing.

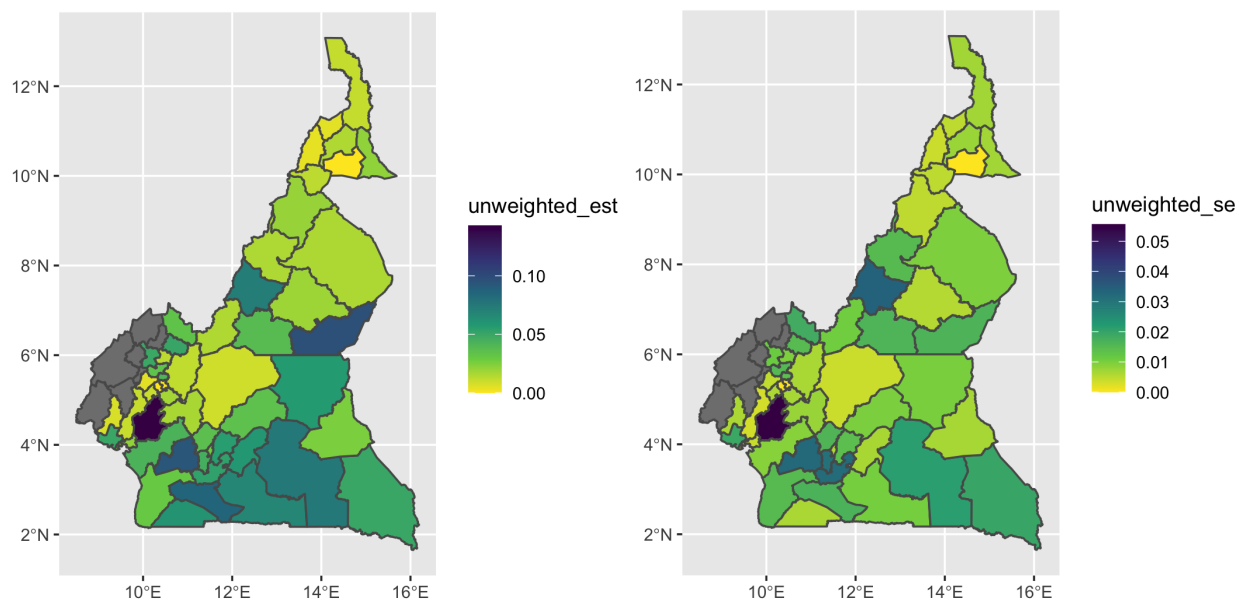


Figure 5. Unweighted estimates (left) and corresponding standard errors (right).

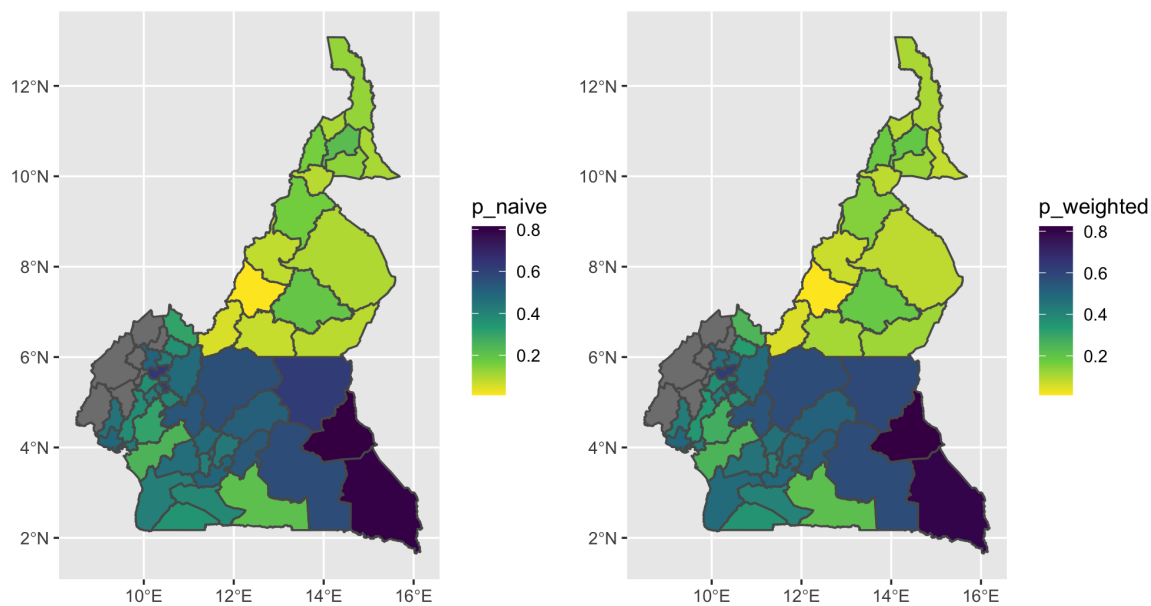


Figure 6. Simple (left) and weighted (right) proportions of respondents answering affirmatively to the survey question "Ever used anything or tried to delay or avoid getting pregnant?".

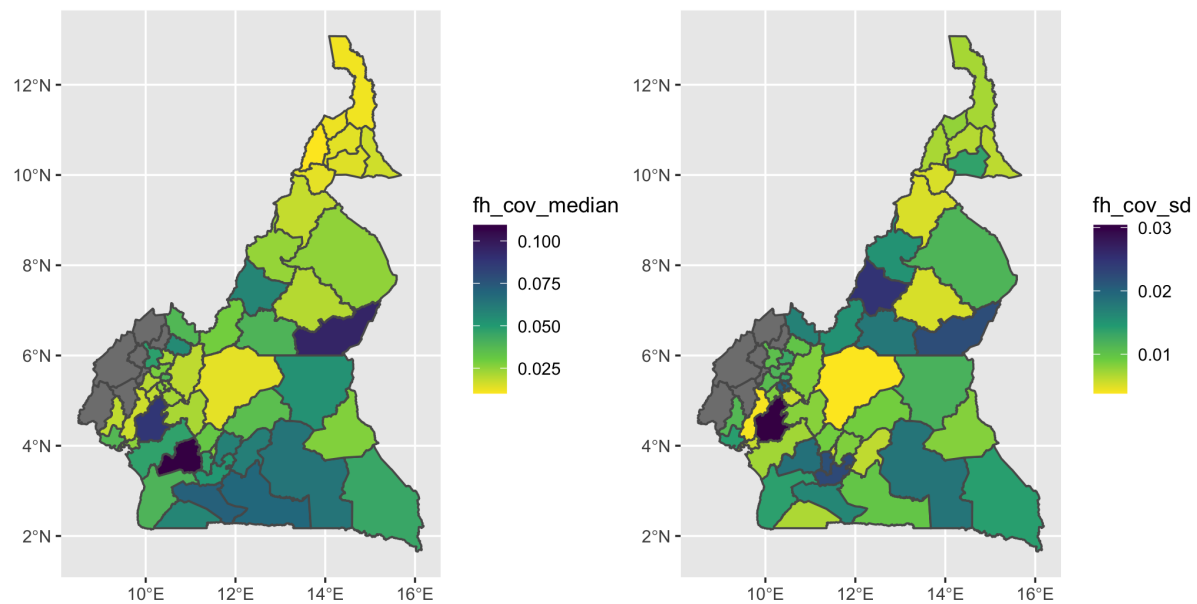


Figure 7. Posterior median estimates (left) and posterior standard deviations (right) from the Fay-Herriot model with a covariate.