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Subject: Design-based Small Area Estimation

Posted by [hajiramzammal@gmail.com](mailto:hajiramzammal@gmail.com) on Sun, 26 Jan 2025 16:26:16 GMT

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Hi Sir/Ma'am I am working on Small Area Estimation. For that I consulted the papers : Design based Small Area Estimation: An application to the DHS survey and Design-based Small Area Estimation: A Nearest Neighbor Method for HIV Prevalence Estimation. I tried to replicate the results and for that I downloaded the Rawanda DHS 2010 and 2014-5 data as required in the papers but I am unable to replicate the results. So kindly if I can get the R codes to replicate the results of these papers than I will be very thankful as it will help me alot in my analysis.

Thank You

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#### File Attachments

- 1) [time space nearest method.pdf](#), downloaded 135 times
  - 2) [Design-based Small Area Estimation\\_Ruilin Ren.pdf](#),  
downloaded 123 times
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