CONFLICT OF INTERESTS: A GENERAL PROCEDURE FOR ESTIMATING FINITE POPULATION MEAN USING RANKED SET SAMPLING , VOL.41, NO.1, 80-92

REFUTATION ON A GENERAL PROCEDURE FOR ESTIMATING FINITE POPULATION MEAN USING RANKED SET SAMPLING , VOL.41, NO.1, 80-92

This is the refutation on paper "Vishal Mehta, H.P.Singh and Surya Kant pal (2020),A GENERAL PROCEDURE FOR ESTIMATING FINITE POPULATION MEAN USING RANKED SET SAMPLING , Vol.41, No.1,80-92 published in your journal REVISTA INVESTIGATION OPERACIONAL. This paper indicates at page no. 86 that all the results given in Mehta and Mandowara (2012, 2016) and Mandowara and Mehta(2013) are incorrect. But the results of Mehta and Mandowara (2012, 2016) and Mandowara and Mehta(2013) are not matching from those above mentioned results . Our all results for MSE expression are correct and matching with the results of the paper " A GENERAL PROCEDURE FOR ESTIMATING FINITE POPULATION MEAN USING RANKED SET SAMPLING , Vol.41, No.1,80-92 published in your journal REVISTA INVESTIGATION OPERACIONAL.
You can see and verified the same in one screenshot as attachment and the following three papers -
1. Mehta (Ranka), Nitu and Mandowara, V.L. (2016). A Modified Ratio-Cum-Product Estimator of Finite Population Mean Using Ranked Set Sampling. *Communication and Statistics-Theory and Methods.*Vol.45, No.2, 267-276. (ISSN No. 1532-415X).
2. Mehta (Ranka), Nitu and Mandowara, V.L. (2012). A better Estimator of Population Mean with Power Transformation Based on Ranked Set Sampling. *STATISTICS IN TRANSITION-new series*, Vol. 13, No. 3, pp. 551—558. (ISSN No. 1234-7655)
3. Mandowara, V.L. and Mehta (Ranka), Nitu (2013). Efficient Generalized Ratio-Product Type Estimators for Finite Population Mean with Ranked Set Sampling. *Austrian Journal of Statistics,* Vol.42, No.2, 137-148. (ISSN No. 1026-597X)
Early reply is awaited.
With regards
Dr. Nitu Mehta
Ph.D (Statistics)
MLSU, Udaipur, Rajasthan, India
Contact No. 9462434486

RESPONSE ON REFUTATION ON PAPER "VISHAL MEHTA, H. P.SINGH AND SURYA KANT PAL (2020): A GENERAL PROCEDURE FOR ESTIMATING FINITE POPULATION MEAN USING RANKED SET SAMPLING , VOL.41, NO.1, 80-92".

With reference to emails dated 21/07/2020, the following issue cited by one of the reader Dr. Nitu Mehta (MLSU, Udaipur, Rajasthan, India):

Issue#1:
This paper indicates at page no. 86 that all the results given in Mehta and Mandowara (2012, 2016) and Mandowara and Mehta(2013) are incorrect. But the results of Mehta and Mandowara (2012, 2016) and Mandowara and Mehta(2013) are not matching from those above mentioned results . Our all results for MSE expression are correct and matching with the results of the paper " A GENERAL PROCEDURE FOR ESTIMATING FINITE POPULATION MEAN USING RANKED SET SAMPLING , Vol.41, No.1,80-92 published in REVISTA INVESTIGATION OPERACIONAL.

Response#1:
Due to different notions used by Mehta and Mandowara (2012, 2016) and Mandowara and Mehta (2013), we have some confusion to the MSE results obtained by the Dr. Nitu Mehta, but now carefully reviewed and we found that the MSE results are correct and now we remove our claims to incorrect results by Mehta and Mandowara (2012, 2016) and Mandowara and Mehta (2013) in our paper, we have already submitted revised paper and the editor of the journal may replace or republished the same. However, our paper is the generation of the all proposed estimators obtained by Mehta and Mandowara (2012, 2016) and Mandowara and Mehta (2013) and some other authors estimators. We the authors are thankful to the reader (Dr. Nitu Mehta) to point out our misunderstanding. Also we are thankful to the Editorial Committee, to timely share response for the same.
Thanking You
With Regards

(Corresponding Author)