

Fwd:Mean and SD from median and IQR

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Best wishes,

Xiang Wan

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主题 : Mean and SD from median and IQR

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抄送 :

Dear Wan,

I am [REDACTED], research scholar from University of Miami, Fl. I usually come across lot of data extraction from median and IQR to mean and SD. I was very much impressed with your article "Estimating the sample mean and SD from the sample size, median, range and/or interquartile range" and this article and worksheet made my life easy and thanks to all the information provided in the article. After reading your article, I almost cite your article in each manuscript.

However, I came across few studies which give only median and interquartile range. For ex. 3.5 (2.6) and no information of q1 and q3. I tried doing with Hozo's method taking median as mean if sample is >25 and SD as range/4 (sample size <70) and range/6 (if sample size is >70). Even in Hozo's method, I found its difficult to calculate mean if sample size is <25 because I have only median and interquartile range with no q1 and q3.

It would be great pleasure if you could send the worksheet of the fourth scenario where the information as median and interquartile range with no q1 and q3.

Thanks in advance,

Best Regards,

[REDACTED]

