Article Critique

Student’s Name

Institutional Affiliation

Course

Professor’s Name

Date

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The article, “Trust in a military leader: Scale development and validation,” by Yeşilbaş and Çetin (2019) focused on developing trust in military leadership scales that could be used to evaluate the trust that military personnel has in their leaders, particularly the Turkish military. The authors’ utilized different techniques in developing the scales to enhance the suitability of the expanded scale to measure the level of trust, one of the contentious and important psychological aspects that promote positive expectations and behaviors exhibited by a person. The paper critique the process used by the authors to develop the scales, including the level of validity and reliability of the developed tool.

**Did the authors construct scales in a clear, concise manner?**

The authors used different steps in different stages to construct scales for exploring the level of trust among the military personnel towards their leaders. Thus, the constructed scale followed a clear and concise manner informed by the available literature related to trust as a primary antecedent in evaluating a leader. In this case, the first step entailed generating the item pool, which comprised an intensive process of reviewing pertinent literature and undertaking semi-structured interviews that involved the military personnel in developing the initial item pool. The second attribute entailed the aspect of scales development that consisted of 130 items assessed by the experts to enhance the content validity. The second step involved undertaking a pilot study to examine possible gaps and arising issues from the developed scales that would improve the military personnel’s trust in their leaders. The third step entailed testing the measures. The authors administered measuring scales to assess how well the estimates predicted an outcome and the level of the rankings to measure the intended construct. Similarly, the step explored the validity and reliability of the constructed scales, which augmented the ability of the authors to determine the level of accuracy the developed tool would measure trust among the military personnel towards their leaders.

**Were the authors’ explanations clear regarding the reliability and validity of their measures?**

The authors’ explanations concerning the reliability and validity of their scales were clear. For instance, the author presented the obtained results from the evaluation, obtained from the pilot study, and the scales measures procedure. Besides, the authors elaborated the finding of the scales exploration in the discussion areas, noting that the constructed tool earned a significantly high level of internal consistency and corresponding reliability and validity.

**What information did the authors provide about establishing reliability and validity?**

The author provided varying information about the determination of reliability and validity of the measures. For instance, the authors provided information such as Cronbach’s Alpha and the correlational values used in determining the internal consistency of the scales and explaining the level of reliability and validity of a statistical tool or specified measures. The authors used Cronbach’s Alpha to determine the internal consistency between the scales, one of the attributes that explain the measures’ level of validity and reliability. The six items included the competencies, benevolence, six articles, three measures of integrity, and items of fairness. The Cronbach’s alpha value was 0.98 depicting a significantly high level of internal consistency. Besides, the pilot study revealed a high level of consistency marked by the strong positive correlational values, indicating a high level of reliability and validity of the developed measures.

Reference

Yeşilbaş, İ., & Çetin, Ş. (2019). Trust in military leader: Scale development and validation. *Military Psychology*, *31*(2), 147-159.